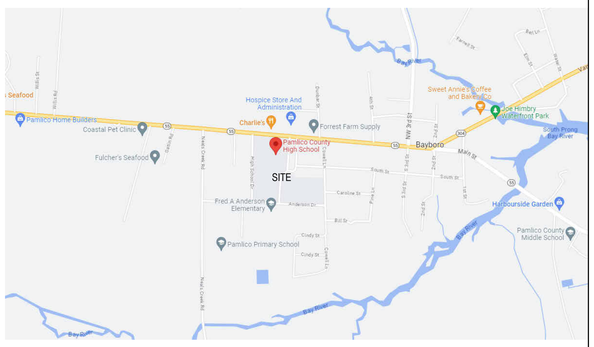
PAMLICO COUNTY

PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

RENDERING

VICINITY MAP



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333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.6350
F: 919.573.6355
www.sfla.biz

sfL+a ARCHITECTS

VOLUME 1

06/12/24

CONSTRUCTION DOCUMENTS

CONSULTANTS

STRUCTURAL ENGINEER:
BENNETT AND PLESS
47 Perimeter Center East,
Suite 500,
Atlanta, GA 30346
P. 919-832-5587

PLUMBING/MECHANICAL/ ELECTRICAL ENGINEER / TECHNOLOGY DESIGN
OPTIMA ENGINEERING
1927 South Tryon Street, Suite 300,
Charlotte, NC 28203
P. 704-338-1292

FOOD CONSULTANT
FOODESIGN ASSOCIATES, Inc.
615 S. College Street, 9th Floor,
Charlotte, NC 28202
P. 704-545-1243

ACOUSTICAL ENGINEER
STEWART ACOUSTICAL CONSULTANTS
7330 Chapel Hill road, Suite 201
Raleigh, NC 27607
P. 919-858-0899, Ext 2

INTERIOR DESIGN
SfL+a ARCHITECTS

CIVIL ENGINEER
ROBERT M CHILES ENGINEERING
417 Broad Street,
New Bern, NC 28560

ROOFING ENGINEER
REI ENGINEERS
9121 Anson Way Suite 100,
Raleigh, NC 27615
P. 919-740-7423

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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PROJECT NUMBER: 2205

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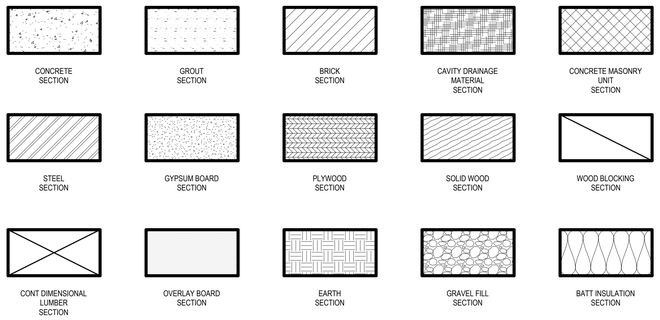
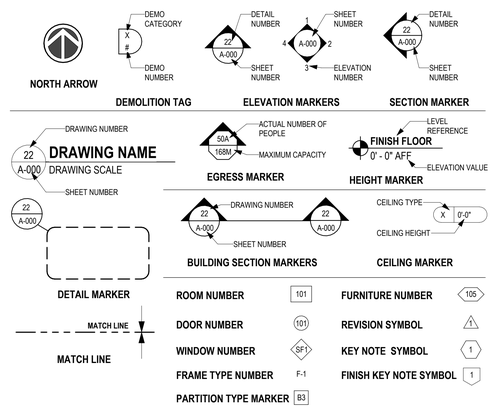
ABBREVIATIONS

A/C	AIR CONDITIONING
AB	ANCHOR BOLT
AD	AREA DRAIN
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
AMP	AMPERE
ACP	ACOUSITAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECT (URAL)
AUTO	AUTOMATIC
BB	BULLETIN BOARD
BBRG	BEAM BEARING
BD	BOARD
BFF	BELOW FINISHED FLOOR
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK (ING)
BM	BENCH MARK
BOD	BOTTOM OF DECK
BTM	BOTTOM
BPL	BEARING PLATE
BRG	BEARING
BSMT	BASEMENT
BTW	BETWEEN
BUR	BUILT-UP ROOFING
BW	BOTH WAYS
CB	CATCH BASIN
CAB	CABINET
CEM	CEMENT
CER	CERAMIC
CF	CUBIC FOOT
CFS	COLD-FORMED STEEL
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR (ANCE)
CMP	COMPOSITE METAL PANEL
CMT	CERAMIC MOSAIC (TILE)
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACT (OR)
CORR	CORRIDOR
CPT	CARPET (ED)
CSMT	CASEMENT
CT	CERAMIC TILE
CTR	CENTER
CW	CURTAINWALL
CY	CUBIC YARD
DEMO	DEMOLISH, DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIAM	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DL	DEAD LOAD
DM	DECORATIVE MASONRY
DPR	DAMPER
DR	DOOR
DS	DOWNSPOUT
DT	DRAIN TILE
DWG	DRAWING
E	EAST
EA	EACH
EC	ELECTRICAL CONTRACTOR
EJ	EXPANSION JOINT
ELEC	ELECTRIC
ELEV	ELEVATION
EMER	EMERGENCY
ENCL	ENCLOSE (URE)
ENG	ENGINEER (ING)
EOD	EMERGENCY OVERFLOW DRAIN
EOS	EDGE OF SLAB
EP	ELECTRIC PANEL
EQ	EQUAL
EQP	EQUIPMENT
EST	ESTIMATE
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FB	FACE BRICK
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISH FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FIN	FINISH (ED)
FLR	FLOOR (ING)
FLUOR	FLUORESCENT
FLEX	FLEXIBLE
FOB	FACE OF BRICK
FOGB	FACE OF GYPSUM BOARD
FP	FIREPROOF
FR	FRAME (D)
FRMG	FRAMING
FRT	FIRE-RETARDANT
FT	FOOT / FEET
FTG	FOOTING
FUR	FURRED (ING)
GA	GAGE, GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GBL	GLASS BLOCK
GC	GENERAL CONTRACT (OR)
GCMU	GLAZED CONC. MASONRY UNIT
GF	GROUND FACE
GFRC	GLASS FIBER RE. CONC.
GL	GLASS, GLAZING
GP	GALVANIZED PIPE
GRG	GLASS FIBER REINFORED GYPSUM
GYP	GYPSUM
GWB	GYPSUM WALL BOARD
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HEAVY DUTY
HDR	HEADER
HDW	HARDWARE
HM	HOLLOW METAL
HOR	HORIZONTAL JOINT REINFORCEMENT
HT	HEIGHT
HTG	HEATING
HWD	HARDWOOD
HWH	HOT WATER HEATER
HVAC	HEATING / VENTILATING / A/C
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE (D), (ING)
INT	INTERIOR
INV	INVERT
IWB	INTERACTIVE WHITE BOARD
JAN	JANITOR
JC	JANITOR'S CLOSET
JT	JOINT
JST	JOIST
KD	KNOCK DOWN
KIT	KITCHEN
KPL	KICK PLATE
L	LENGTH
LAB	LABORATORY
LAD	LADDER
LAV	LAVATORY
LB	LAG BOLT
LBL	LABEL
LBS	POUND (S)
LH	LEFT HAND
LT	LIGHT
LW	LIGHTWEIGHT
LWC	LIGHTWEIGHT CONCRETE
LVL	LAMINATED VENEER LUMBER
MAS	MASONRY
MAT	MATERIAL (S)
MAX	MAXIMUM
MB	MARKER BOARD
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MED	MEDIUM
MFR	MANUFACTURE (R)
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MH	MANHOLE
MEMB	MEMBRANE
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MUL	MULLION
MTD	MOUNTED
MTL	METAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
OPPH	OPPOSITE HAND
OS	OVERFLOW SCUPPER
PAR	PARALLEL
PBD	PARTICLE BOARD
PC	PLUMBING CONTRACTOR
PCF	POUNDS PER CUBIC FOOT
PCT	PORCELAIN CERAMIC TILE
PERF	PERFORATED
PERIM	PERIMETER
PG	PLATE GLASS
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLF	POUNDS PER LINEAL FOOT
PT	PRESSURE TREATED
PRV	POWER ROOF VENT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PWD	PLYWOOD
QT	QUARRY TILE
R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RT	RUBBER TILE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REIN	REINFORCE (D), (ING)
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REQ	REQUIRED
RET	RETURN
REV	REVISION (S), REVISED
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
S	SOUTH
SAP	SUSPENDED ACOUSTICAL PANELS
SB	SPLASH BLOCK
SC	SOLID CORE
SCH	SCHEDULE
SD	STORM DRAIN
SEC	SECTION
SF	STOREFRONT
SIM	SIMILAR
SLP	SLOPE
SND	SANITARY NAPKIN DISPOSAL
SNV	SANITARY NAPKIN VENDOR
SP	SOUNDPROOF
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STR	STRUCTURAL
SUS	SUSPENDED
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&G	TONGUE AND GROOVE
TB	TACK BOARD
TEL	TELEPHONE
TG	TEMPERED GLASS
THR	THRESHOLD
TP	TOILET PARTITION
TOB	TOP OF BEAM
TOF	TOP OF FOOTING
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TACK STRIP
TTD	TOILET TISSUE DISPENSER
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORY
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
US	UTILITY SHELF
V	VOLT
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEN	VENEER
VIF	VERIFY IN FIELD
VR	VAPOR RETARDER
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W	WEST
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WG	WIRE GLASS
WH	WALL HUNG
WI	WROUGHT IRON
WM	WIRE MESH
W/O	WITHOUT
WP	WATERPROOFING
WT	WEIGHT
WWF	WELDED WIRE FABRIC

SYMBOLS LEGEND



KEY SYMBOLS LEGEND



GENERAL NOTES

1. WALL DIMENSIONS ARE TO FACE OF MASONRY, FACE OF METAL STUD, FACE OF STEEL OR CENTERLINE & STEEL COLUMN, UNLESS OTHERWISE NOTED. DETERMINE LOCATION OF WALLS NOT DIMENSIONED BY THEIR RELATION TO ADJACENT DIMENSIONED WALLS AND COLUMNS.
2. ALL EXTERIOR SIDEWALKS SHALL SLOPE AWAY FROM THE BUILDING AT 1/4" PER FOOT.
3. MAINTAIN INTEGRITY OF ACOUSTIC WALLS AND CEILINGS AT ALL WALL PENETRATIONS AND EQUIPMENT RECESSES.
4. ALL CERAMIC TILE TO HAVE CONTROL JOINTS THAT ALIGN WITH CONTROL JOINTS IN CONCRETE SLAB.
5. THERE SHALL BE NO PENETRATIONS IN THROUGH WALL FLASHING.
6. DOOR JAMB FROM INTERSECTING WALLS: STUD - 6" TYPICAL UNLESS OTHERWISE NOTED.
7. CONTRACT SHALL AVOID THE USE OF DISSIMILAR METALS IN CONTACT WITH ONE ANOTHER AS MUCH AS POSSIBLE AND SHALL PROVIDE FELTS, BOND BREAKERS, TAPE, OR OTHER APPLICABLE MATERIAL SEPARATION WHERE SUCH CONTACT IS UNAVOIDABLE.

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333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.6350
F: 919.573.6355
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PUBLIC UTILITIES COMMISSION 6.12.24 PAMLICO COUNTY, NORTH CAROLINA

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

GENERAL NOTES AND ABBREVIATIONS

G-001

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2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: Pamlico County 6-12
Address: 601 Main Street, Bayboro, NC Zip Code 28515
Owner/Authorized Agent: Dr. Jeremy Johnson Phone # (252) 745 - 4171 E-Mail jeremyjohnson@pamlicoschools.org
Owned By: [X] City/County [ ] Private [ ] State
Code Enforcement Jurisdiction: [ ] City_____ [X] County Pamlico [ ] State

CONTACT: _____

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	SfL+a Architects	Eric J. Lindstrom	7040	(910) 484-4989	elindstrom@sfla.biz
Civil	Crawford Design Company	Del Crawford	1020	(910) 221-0033	delcrawford@crawforddan.com
Electrical	Optima Engineering	Morgan K. Gunter	048210	(919) 926-2200	mgunter@optimaengineering.com
Fire Alarm	Optima Engineering	Morgan K. Gunter	048210	(919) 926-2200	mgunter@optimaengineering.com
Plumbing	Optima Engineering	Daniel A. Revilla	043856	(919) 926-2200	drevilla@optimaengineering.com
Mechanical	Optima Engineering	Evan C. Connell	045488	(919) 926-2200	econnell@optimaengineering.com
Sprinkler-Standpipe	Optima Engineering	Daniel A. Revilla	043856	(919) 926-2200	drevilla@optimaengineering.com
Structural	Bennett & Pless	Timothy Hilton	037412	(919) 832-5587	thilton@bennett-pless.com
Retaining Walls >5' High	-	-	-	(-) -	-
Other	-	-	-	(-) -	-

("Others" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC CODE FOR: [X] New Construction [ ] Addition [ ] Renovation
[ ] 1st Time Interior Completion
[ ] Shell/Core
[ ] Phased Construction – Shell/Core
[ ] Renovation

2018 NC EXISTING BUILDING CODE: [ ] Prescriptive [ ] Repair [ ] Chapter 14
Alteration: [ ] Level I [ ] Level II [ ] Level III
[ ] Historic Property [ ] Change of Use
CONSTRUCTED:(date) _____ **ORIGINAL OCCUPANCY(S)** (Ch. 3): _____
RENOVATED: (date) _____ **CURRENT OCCUPANCY(S)** (Ch. 3): _____
RISK CATEGORY (table 1604.5) **Current:** [ ] I [ ] II [ ] III [ ] IV
Proposed: [ ] I [ ] II [X] III [ ] IV

BASIC BUILDING DATA
Construction Type: [ ] I-A [ ] II-A [ ] III-A [ ] IV [ ] V-A
(check all that apply) [ ] I-B [X] II-B [ ] III-B [ ] V-B
Sprinklers: [ ] No [ ] Partial [X] Yes [X] NFPA 13 [ ] NFPA 13R [ ] NFPA 13D
Standpipes: [X] No [ ] Yes Class [ ] I [ ] II [ ] III [ ] Wet [ ] Dry
Fire District: [X] No [ ] Yes (Primary) **Flood Hazard Area:** [X] No [ ] Yes
Special Inspections Required: [ ] No [X] Yes

Gross Building Area:

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	RENO/ALTER (SQ.FT)	SUB-TOTAL
6th Floor				
5th Floor				
4th Floor				
3rd Floor				
2nd Floor		FIRE AREA =38,620		FIRE AREA B=38,620
Mezzanine				
1st Floor	FIRE AREA A=38,620	FIRE AREA B=44,544	FIRE AREA A=38,620	FIRE AREA B=44,544
Basement				
TOTAL	FIRE AREA A=38,620	FIRE AREA B=83,164	FIRE AREA A=38,620	FIRE AREA B=83,164

ALLOWABLE AREA

Primary Occupancy Classification: SELECT ONE
Assembly [ ] A-1 [ ] A-2 [ ] A-3 [ ] A-4 [ ] A-5
Business [ ]
Educational [X]
Factory [ ] F-1 Moderate [ ] F-2 Low
Hazardous [ ] H-1 Detonate [ ] H-2 Deflagrate [ ] H-3 Combust [ ] H-4 Health [ ] H-5 HPM
Institutional [ ] I-1 Condition [ ] 1 [ ] 2
[ ] I-2 Condition [ ] 1 [ ] 2
[ ] I-3 Condition [ ] 1 [ ] 2 [ ] 3 [ ] 4 [ ] 5
[ ] I-4
Mercantile [ ]
Residential [ ] R-1 [ ] R-2 [ ] R-3 [ ] R-4
Storage [ ] S-1 Moderate [ ] S-2 Low [ ] High-piled
[ ] Parking Garage [ ] Open [ ] Enclosed [ ] Repair Garage
Utility and Miscellaneous [ ]

Accessory Occupancy Classification(s): _____
Incidental Uses (Table 509)**:** Yes. Labs not classified as H.
Special Uses (Chapter 4 – List Code Sections) _____
Special Provisions: (Chapter 5 – List Code Sections): _____
Mixed Occupancy: [X] No [ ] Yes Separation: ____ Hr. Exception: 303.1.3
[ ] Non-Separated Use (508.3)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
[ ] Separated Use (508.4) -
See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

_____ + _____ + ... = _____ ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
1st FL, FIRE AREA A	Education	47,295	43,500	8,990	52,490
1st FL, FIRE AREA B	Education	44,567	43,500	8,265	51,765
2nd FL, FIRE AREA B	Education	38,585	43,500	8,265	51,765

[1] Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = A = 1,046.75 / B = 780.75 (F)
b. Total Building Perimeter = A = 1,209.75 / B= 950.75 (P)
c. Ratio (F/P) = A = .88 / B= .82 (F/P)
d. W = Minimum width of public way = 30 (W)
e. Percent of frontage increase I_f = 100 [F/P - 0.25] x W/30 = A = 62% / B= 57% (%)
[2] Unlimited area applicable under conditions of Section 507.
[3] Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
[4] The maximum area of open parking garages must comply with Table 406.5.4
[5] Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75'	41'-4"	
Building Height in Stories (Table 504.4)	3	2	

[1] Provide code reference if the "Show on Plans" quantity is not based on Table 504.3 or 504.4.
[2] The maximum height of air traffic control towers must comply with Table 412.3.1
[3] The maximum height of open parking garages must comply with Table 406.5.4

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/_____* REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses		0	0				
Bearing Walls		0	0				
Exterior		0	0				
North							
East							
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls		0	0				
North							
East							
West							
South							
Interior walls and partitions		0	0				
Floor Construction Including supporting beams and joists							
Floor Ceiling Assembly		0	2 SEE NOTE -1	1/G-005	D925		
Column Supporting Floors							
Roof Construction, including supporting beams and joists							
Roof Ceiling Assembly							
Column Supporting Roof							
Shaft Enclosures - Exit		1	1	1/G-003	U905		
Shaft Enclosures - Other		1	1	1/G-004	U419		
Corridor Separation		0	0				
Occupancy/Fire Barrier Separation							
Party/Fire Wall Separation		2	2	1/G-002	U905		
Smoke Barrier Separation							
Smoke Partition							
Tenant/Dwelling Unit/ Sleeping Unit Separation							
Incidental Use Separation							

* Indicate section number permitting reduction **NOTE: FLOOR ASSEMBLY - D925 1/G-005 IS FOR RATED ALCOVE LIDS ONLY.**

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET FROM PERPERTY LINES	DEGREES OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
30'-0" MIN	NL	NL	-

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: [ ] No [X] Yes
Exit Signs: [ ] No [X] Yes
Fire Alarm: [ ] No [X] Yes *An Emergency Voice/Alarm System is required and will be provided.
Smoke Detection Systems: [ ] No [X] Yes [ ] Partial _____
Carbon Monoxide Detection: [ ] No [X] Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: G-110 & G-111

[X] Fire and/or smoke rated wall locations (Chapter 7)
[X] Assumed and real property line locations (if not on the site plan)
[X] Exterior wall opening area with respect to distance to assumed property lines (705.8)
[X] Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
[X] Occupant loads for each area
[X] Exit access travel distances (1017)
[X] Common path of travel distances (1006.2.1 & 2006.3.2(1))
[X] Dead end lengths (1020.4)
[X] Clear exit widths for each exit door
[X] Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
[X] Actual occupant load for each exit door
[ ] A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation and supporting construction for a fire barrier/fire partition/smoke barrier.
[X] Location of doors with panic hardware (1010.1.10)
[ ] Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
[ ] Location of doors with electromagnetic egress locks (1010.1.9.9)
[ ] Location of doors equipped with hold-open devices
[ ] Location of emergency escape windows (1030)
[ ] The square footage of each fire area (202)
[ ] The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
[ ] Note any code exceptions or table notes that may have been utilized regarding the items above

Section/Table/Note	Title

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

(SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED: REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH: 132" ACCESS AISLE	VAN SPACES WITH: 8' ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED
		279 CARS			10	10
		18 BUSES				
TOTAL						

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXIST'G										
	NEW	13	28	12 + 1 STAFF FAM.	14	12	12	12 + 1 STAFF FAM.		10	10
	REQ'D	28	32			12	12			8	8

** SEE PROVIDED PLUMBING TABLE FOR ADDITIONAL COUNT INFORMATION BASED ON OCCUPANCY SCENARIOS

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, SCO, DPI, DHHS, ICC, etc., describe below)
NC DOI and NC DPI
Pamlico County Health Department, City of Bayboro
NC Departemnt of Transportation

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the **North Carolina Energy Conservation Code** shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: [ ] No [ ] Yes (The remainder of this section is not applicable)
Exempt Building: [ ] No [ ] Yes (Provide Code or Statutory reference): _____
Climate Zone: [X] 3A [ ] 4A [ ] 5A
Method of Compliance: Energy Code [ ] Performance [X] Prescriptive
ASHRAE 90.1 [ ] Performance [ ] Prescriptive
(If "Other" specify source here) _____

THERMAL ENVELOPE (Prescriptive method only)

Roof/ceiling Assembly (each assembly)
Description of assembly: 2" Rigid Insulation on deck with R50 Batt on underside of deck
U-Value of total assembly:
R-Value of insulation: R-10 with R-50
Skylights in each assembly: N/A
U-Value of skylight: N/A
Total square footage of skylights in each assembly: N/A

Exterior Walls (each assembly)
Description of assembly: 4" masonry veneer w/ 1-1/8" air space over 3" foamed-in-place closed cell insulation over 8" or 12" CMU
U-Value of total assembly: 0.058
R-Value of insulation: R-13.4
Openings (windows or doors with glazing) Insulated glass in aluminium frames
U-Value of assembly: Guardian Sunguard SN 54
Solar heat gain coefficient: 0.28
Projection factor: 0.088
Door R-Values: R-7

Walls below grade (each assembly)
Description of assembly: 4" solid grouted masonry w/ 1-1/8" air space over 3" SPF insulation over 8" or 12" solid grouted CMU
U-Value of total assembly: 0.033
R-Value of insulation: R-7.5

Floors over unconditioned space (each assembly)
Description of assembly: N/A
U-Value of total assembly: N/A
R-Value of insulation: N/A

Floors slab on grade
Description of assembly: 4" concrete w/ WWF over 15 mil vapor barrier over 4" granular fill on compacted fill
U-Value of total assembly: 0.4
R-Value of insulation: R-15 SPF insulation
Horizontal/Vertical requirement: 2'-0" / 2'-0"
Slab Heated: N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Snow (I_S) 1.1 / Seismic (I_E) 1.25
Live Loads: Roof 20 psf; Mezzanine 150 psf; Floor 80 psf
Ground Snow Load: 10 psf
Wind Load: Ultimate Wind Speed 128 mph (ASCE-7); Exposure Category C

SEISMIC DESIGN CATEGORY: [ ] A [ ] B [X] C [ ] D
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) [ ] I [ ] II [X] III [ ] IV
Spectral Response Acceleration S_S 0.250 %g S_1 0.106 %g
Site Classification (ASCE 7) [ ] A [ ] B [ ] C [X] D [ ] E [ ] F
Data Source: [X] Field Test [ ] Presumptive [ ] Historical Data
Basic structural system [X] Bearing Wall [ ] Dual w/Special Moment Frame [ ] Building Frame [ ] Dual w/Intermediate R/C or Special Steel [ ] Moment Frame [ ] Inverted Pendulum
Analysis Procedure: [ ] Simplified [X] Equivalent Lateral Force [ ] Dynamic
Architectural, Mechanical, Components anchored? [X] Yes [ ] No

LATERAL DESIGN CONTROL: Earthquake [X] Wind [ ]

SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) 1,500 psf
Presumptive Bearing capacity N/A psf
Pile size, type, and capacity N/A

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: 22.5 deg. F
summer dry bulb: 93.3 deg. F

Interior design conditions
winter dry bulb: 72 deg. F
summer dry bulb: 75 deg. F
relative humidity: 50%

Building heating load: 2,289,200 BTUH - PEAK
Building cooling load: 4,288,800 BTUH - PEAK

Mechanical Spacing Conditioning System
Unitary
description of unit: SEE MECHANICAL SCHEDULES
heating efficiency: SEE MECHANICAL SCHEDULES
cooling efficiency: SEE MECHANICAL SCHEDULES
size category of unit: SEE MECHANICAL SCHEDULES
Boiler
Size category. If oversized, state reason.: N/A
Chiller
Size category. If oversized, state reason.: N/A
List equipment efficiencies: SEE MECHANICAL SCHEDULES

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code: [X] Prescriptive [ ] Performance
ASHRAE 90.1: [ ] Prescriptive [ ] Performance

Lighting schedule (each fixture type)
lamp type required in fixture
number of lamps in fixture
ballast type used in the fixture
number of ballasts in fixture
total wattage per fixture
total interior wattage specified vs. allowed (whole building or space by space)
total exterior wattage specified vs. allowed

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
[ ] C406.2 More Efficient Mechanical Equipment
[ ] C406.3 Reduced Lighting Power Density
[ ] C406.4 Enhanced Digital Lighting Controls
[ ] C406.5 On-Site Renewable Energy
[ ] C406.6 Dedicated Outdoor Air System
[ ] C406.7 Reduced Energy Use in Service Water Heating

SCENARIO BASED PLUMBING COUNT TABLES

BASED ON TYPICAL CLASSROOM FUNCTION

OCCUPANCY - Based on NCPC Section 403					
MIDDLE SCHOOL (STUDENT) = 406					
HIGH SCHOOL (STUDENT) = 990					
MIDDLE SCHOOL (STAFF) = 25					
HIGH SCHOOL (STAFF) = 53					
REQ. STUDENT FIXTURE COUNT					
WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	
MALE	FEMALE	MALE	FEMALE	REG	ACCESSIBLE
26	29	9	9	7	7
REQ. STAFF FIXTURE COUNT					
WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	
MALE	FEMALE	MALE	FEMALE	REG	ACCESSIBLE
2	3	2	3	1	1
TOTAL REQUIRED					
WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	
MALE	FEMALE	MALE	FEMALE	REG	ACCESSIBLE
28	32	11	12	8	8

*** Staff Provided facilites are Unisex. See provided Unisex toilets in "provided fixtures" on Appenix B. See plans for all Staff Facilites.**

BASED ON FULL OCCUPANY OF BLEACHERS IN MIDDLE SCHOOL AND HIGH SCHOOL GYMS
*** USES BOYS 1122, GIRLS 1121, & FAMILY RR 1121B.**

OCCUPANCY - Based on NCPC Section 403					
MIDDLE SCHOOL BLEACHER = 606					
HIGH SCHOOL BLEACHER = 996					
REQ. FIXTURE COUNT					
WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	
MALE	FEMALE	MALE	FEMALE	REG	ACCESSIBLE
7	8	4	4	2	2

*** ONE (1) UNISEX FAMILY RESTROOM WILL BE AVAILIBLE DURING EVENTS**

BASED ON GYM CLASS AND LUNCH PERIORD
*** USES BOYS 1122, GIRLS 1121, & FAMILY RR 1121B.**

OCCUPANCY - Based on NCPC Section 403					
GYMS = 116					
DINING/LUNCH = 291					
REQ. FIXTURE COUNT					
WATER CLOSETS		LAVATORIES		DRINKING FOUNTAIN	
MALE	FEMALE	MALE	FEMALE	REG	ACCESSIBLE
2	3	2	2	1	1

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STATE OF NORTH CAROLINA — ERIC J. LINDSTROM — REGISTERED ARCHITECT — CERT. NO. 50676 — 06/30/25 — RALEIGH

STATE OF NORTH CAROLINA — ERIC J. LINDSTROM — REGISTERED LANDSCAPE ARCHITECT — 2023 — 6.12.24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
1	4/19/24	DOI Comments - CD

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

BUILDING CODE SUMMARY

G-002

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01/G-003

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

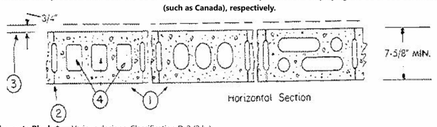
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. **U905**

April 14, 2023

Bearing Wall Rating — 2 HR.
Nonbearing Wall Rating — 2 HR
This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Concrete Blocks* —** Various designs. Classification D-2 (2 hr).
See **Concrete Blocks** category for list of eligible manufacturers.

2. **Mortar —** Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. **Portland Cement Stucco or Gypsum Plaster —** Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. **Loose Masonry Fill —** If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellant vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. **Foamed Plastic* —** (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).
ATLAS ROOFING CORP — EnergyShield Pro Wall Insulation, EnergyShield Pro 2 Wall Insulation, EnergyShield CGF Pro, EnergyShield Ply Pro, EnergyShield® CGF, EnergyShield® PanelCast, EnergyShield® and "EnergyShield® XR

DUPONT DE NEMOURS, INC. — Types Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax IH Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), TUFF-R™ ci Insulation, Thermax Butler Stylwall Insulation Board and Thermax Morton Heavy Duty Insulation Board

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — Types "Xci-Class A", "Xci Foil (Class A)", "Xci 286"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — Types "TSX-8500", "ECOMAXci FR", "TSX-8510", "ECOMAX xi FR White", "ECOMAXci", "ECOMAXci FR Air Barrier", "Thermasheath-XP", "Thermasheath", "Durasheath"

JOHNS MANVILLE — Type "AP Foil-Faced Foam Sheathing"

5A. **Building Units* —** As an alternate to Items 5, min. 1-in thick polyisocyanurate composite foamed plastic insulation boards, nom. 48 by 48 or 96 in.

ATLAS ROOFING CORP — EnergyShield® Ply

HUNTER PANELS, A DIVISION OF CARLISLE CONSTRUCTION MATERIALS, LLC — "Xci NB", "Xci Ply"

RMAX, A BUSINESS UNIT OF SIKA CORPORATION — "Thermasheath-SI", "ECOBASEci", "ThermaBase-CI", "ECOMAXci FR Ply", "ECOMAXci Ply".

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

UL DESIGN DETAILS

G-003

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

6/12/2024 3:28:01 PM Autodesk Docs://Pamlico High School 6-12/2205 - Pamlico HS - ARCH.rvt

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States
BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

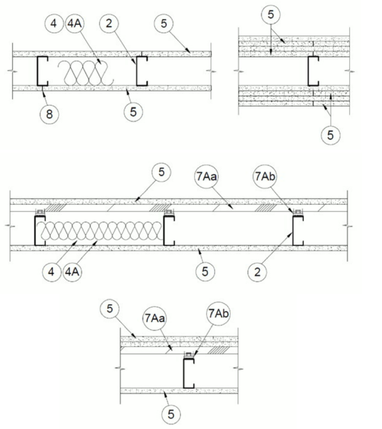
See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

Design No. U419

February 16, 2024

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5J)
*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



1. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceilling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CEMCO, LLC — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners —** (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1D. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC max.
CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1F. **Framing Members* — Floor and Ceilling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
SUPER STUD BUILDING PRODUCTS — The Edge

1G. **Framing Members* — Floor and Ceiling Runner —** For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.
STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. **Floor and Ceiling Runners —** (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.018 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track VT100

1I. **Framing Members* — Floor and Ceilling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.
TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

1K. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

1L. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
RESCUE METAL FRAMING, L L C — Alpha1RAK

1M. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. **Framing Members* — Floor and Ceiling Runners —** Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Track

1O. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2Q, proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 25 MSG (0.018 in. min. bare metal thickness), attached to floor and ceiling with fasteners spaced 24 in. OC max.
CEMCO, LLC — Viper X Track

1P. **Framing Members* — Floor and Ceiling Runner —** (Not Shown — Alternate to Item 1) — For use with Item 2R, channel shaped runners pre-equipped with proprietary attachment clips. Min. 3-5/8 in. wide. Legs of top runners minimum 3-1/4 in. wide. Legs of bottom runners minimum 1-1/2 in. wide. Runners attached to floor and ceiling with fasteners 24 in. OC max.
HYPERFRAME INC - Hypertrack

1Q. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2S , proprietary channel shaped runners, min width to accommodate stud size, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
JJC INTERNATIONAL DISTRIBUTORS — Non-structural Tracks 3-5/8" and 6".

2. **Steel Studs —** Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs —** (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J or Type ULIX) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. **Framing Members* - Steel Studs —** (As an alternate to Item 2, For use with Items 5C, 5I or Type ULIX) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.
CEMCO, LLC — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

IMPERIAL MANUFACTURING GROUP INC — Viper25™

2C. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CEMCO, LLC — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

IMPERIAL MANUFACTURING GROUP INC — Viper20™

2D. **Framing Members* — Steel Studs —** In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

TELLING INDUSTRIES L L C — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

2E. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or Type ULIX only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2F. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights.

SUPER STUD BUILDING PRODUCTS — The Edge

2G. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height.
STUDCO BUILDING SYSTEMS — CROCSTUD

2H. **Framing Members* — Steel Studs —** (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.
TELLING INDUSTRIES L L C — TRUE-STUD™

2I. **Framing Members* — Steel Studs —**

2J. **Framing Members* — Metal Studs —** Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

2K. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
EB METAL INC — NITROSTUD

2L. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
OLMAR SUPPLY INC — PRIMESTUD

2M. **Framing Members* — Steel Studs —** As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. **Framing Members*— Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height.
RESCUE METAL FRAMING, L L C — AlphaSTUD

2O. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. **Framing Members* — Steel Studs —** As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.
OEG BUILDING MATERIALS — OEG Stud

2Q. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — For use with Item 1O, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 25 MSG (0.018 in. min. bare metal thickness). Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.
CEMCO, LLC — Viper X

2R. **Framing Members* — Steel Studs —** (Not Shown — Alternate to Item 2, For use with Item 1P) — Channel shaped steel studs with attachment clips at top and bottom, min 3-5/8 in. depth, spaced a max of 24 in. OC. Studs clipped into floor and ceiling runners (Item 1P). Max 2-3/8 in. extension reveal from top of stud to inside of ceiling runner.

HYPERFRAME INC— Hyperstud

2S. **Framing Members* — Steel Studs —** Not Shown — In lieu of Item 2 — For use with Item 1Q, proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min. 20 EQ/22 mils. (min. 0.0221 in. thick) galvanized steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

JJC INTERNATIONAL DISTRIBUTORS — Non-structural Studs 3-5/8" and 6".

3. **Wood Structural Panel Sheathing —** (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets* —** (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.
See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4A. **Batts and Blankets* —** (Optional – as an alternate to item 4) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.
See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4B. **Fiber, Sprayed* —** (Optional – as an alternate for items 4 or 4A, for use with Type ULIX) Where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ).
AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

4C. **Foamed Plastic* —** (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness.
CARLISLE SPRAY FOAM INSULATION — Types SealTite ONE, SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamulate Closed Cell, Foamulate OCX, Foamulate 70, and Foamulate HFO.

4D. **Foamed Plastic* —** (As an alternate for items 4, 4A or 4B, for use with Item 5K) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity, for up to 2 hour rated assemblies only. When foamed plastic is used, minimum stud depth shall be 3-1/2 in. with minimum 20 MSG steel thickness.
BASF CORP - Enertite® NM, Enertite® G, FE178®, Sprayfite® 178, Sprayfite® 81206, Wallfite® 200, Wallfite® US, Wallfite® US-N, Wallfite HP+, FE137®, FE158®, Sprayfite® 158, Sprayfite® SP, Sprayfite® 81205, Sprayfite® Comfort XL, Wallfite® XL, and Wallfite® MAX

5. **Gypsum Board* —** Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 1/3 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) not staggered. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Type C and 5/8 in. thick Type SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC, 5/8 in. thick Type SCX, SGX, SHX, ULIX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, **Steel Framing Members***, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.
CGC INC — Type SHX.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

5B. **Gypsum Board* —** (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12).
RAY-BAR ENGINEERING CORP — Type RB-LBG

5C. **Gypsum Board* —** (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory.
CGC INC — Type SCX, ULIX

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — Type SCX, SGX, ULIX

USG BORAL DRYWALL SFZ LLC — Type SCX

USG MEXICO S A DE C V — Type SCX

5D. **Gypsum Board* —** (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only.
CGC INC — Type USGX

UNITED STATES GYPSUM CO — Type USGX

USG BORAL DRYWALL SFZ LLC — Type USGX

USG MEXICO S A DE C V — Type USGX

5E. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.
NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5F. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8 in.
THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — Type SCX

UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, ULIX

USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type SCX, SGX

5G. **Gypsum Board* —** (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Item 2E	No. of Layers & Thickness of Panel	Min Thkns of Insulation (Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULIX or 3/4 in. thick Types IP-X3 or ULTRACODE

THE SIAM GYPSUM INDUSTRY (SONGKHLA) CO — 1/2 in. thick Types C and 5/8 in. thick SCX

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC -AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A).
MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5I. **Gypsum Board* —** (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described in Item 5. Steel stud minimum depth shall be as indicated in Item 5.
CGC INC — Type ULIX, ULX

UNITED STATES GYPSUM CO — Type ULIX, ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board* —** (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".
RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5K. **Gypsum Board* —** (As an alternate to Item 5 when Foam Plastic insulation (Items 4C or 4D) is used) **—** Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 5 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-1/4 in. long Type S steel screws spaced 8 in. OC at perimeter and in the field. For 2 layer assemblies outer layer will be attached to studs over inner layer with the 1-7/8 in. long steel screws spaced 8 in. OC.

6. **Fasteners —** (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Single layer system with Type ULIX:** 1 in. long, spaced 12 in. OC in the field and perimeter, when panels are applied horizontally or vertically.**Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer.**Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels —** (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A.

7A. **Framing Members* —** (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:
a. **Furring Channels —** Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A.

b. **Steel Framing Members* —** Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels.
PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members* —** (Optional, Not Shown) — As an alternate to Item 7, for single or double

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States
Design Criteria and Allowable Variances

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
Design Criteria and Allowable Variances

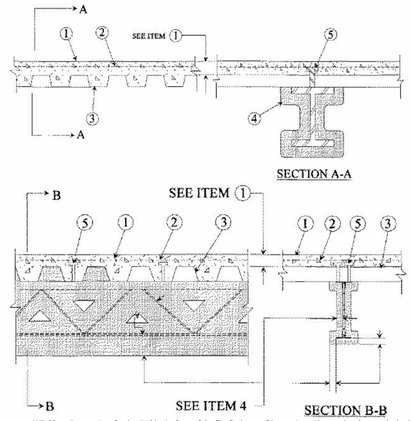
Design No. D925

December 26, 2023

Restrained Assembly Ratings — 3/4, 1, 1-1/2, 2 or 3 Hr (See Items 1, 3A, 6, 10)
Unrestrained Assembly Rating — 0 Hr (See Items 3, 3A, 4, 4A, 10)
Unrestrained Beam Ratings — 1, 1-1/2, 2, 3 and 4 Hr (See Items 4, 4A, 10)
Restricted Load Condition — See Supports and Item 4C

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**



Supports — W8x28 or alternate (per Section IV.6 in the front of the Fire Resistance Directory) steel beam when beam substitution applied.

1. **Normal Weight or Lightweight Concrete —** Normal weight concrete carbonate or siliceous aggregate, 3500 psi compressive strength, vibrated. Lightweight concrete, expanded shale, or slate aggregate by rotary-kiln method, or expanded clay aggregate by rotary-kiln or sintered-grate method, or pumice aggregate, 3000 psi compressive strength, vibrated, 4 to 7 percent entrained air.

Restrained or Unrestrained Assembly Rating Hr (see Item 3 Note below)	Concrete (Type)	Concrete Unit Weight pcf	Concrete Thkns In.
1	Normal Weight	147-153	3-1/2
1-1/2	Normal Weight	147-153	4
2	Normal Weight	147-153	4-1/2
3	Normal Weight	147-153	5-1/4
3/4 or 1	Lightweight	107-113	2-1/2
1	Lightweight	107-120	2-5/8
1-1/2	Lightweight	107-113	3
2	Lightweight	107-113	3-1/4
2	Lightweight	107-116	3-1/4*
2	Lightweight	114-120	3-1/2
3	Lightweight	107-113	4-3/16
3	Lightweight	114-120	4-7/16

*For use with 2 or 3 in. steel floor and form units only.

2. **Welded Wire Fabric —** 6 x 6, 10 x 10 SWG.

2A. **Negative Reinforcement —** - (Not Shown) - Optional - For 3/4, 1, 1-1/2 and 2 Hr Restrained Assembly Rating Only. Used in lieu of Item 2 and with Items 2B or 2C. For floor spans with concrete cast continuous over the supporting beams. Deformed bars designed to resist the support moments of the concrete slab in accordance with the latest ACI Building Code Specifications.

2B. **Fiber Reinforcement* —** - (Not Shown) - For 3/4, 1, 1-1/2 and 2 Hr Restrained Assembly Rating Only. Required with Item 2A. Engineered synthetic fibers added to concrete mix to control shrinkage cracks in concrete. Fibers added to concrete mix at rate of 5 lbs of fiber for each cubic yard of concrete.
GCP APPLIED TECHNOLOGIES INC — Type Strux 90/40.

2C. **Fiber Reinforcement* —** (Not Shown) - For 3/4, 1, 1-1/2 and 2 Hr Restrained Assembly Rating Only. Required with Item 2A. Engineered synthetic fibers added to concrete mix to control shrinkage cracks in concrete. Fibers added to concrete mix at rate of 1 lbs of fiber for each cubic yard of concrete (Fibermesh 150) or 1.5 lbs of fiber for each cubic yard of concrete (Fibermesh 300).
PROPEX OPERATING CO L L C — Types Fibermesh 150 and Fibermesh 300.

3. **Steel Floor and Form Units* —** Composite or Non-Composite, 1-1/2, 1-5/8, 2 or 3 in. deep galv units or 4-1/2 in. deep non-composite galv units. Fluted units may be uncoated or phosphatized/painted. Min gauges are 22 MSG for fluted and 20/20 MSG for cellular units. The following combinations of units may be used:
(1) All 18, 24, 26 28 or 36 in. wide cellular.

(2) All fluted.

(3) One or two 3 in. deep, 12 in. wide, 18/18 MSG min cellular units, alternating with 3 in. deep fluted or other cellular.

(4) Any blend of fluted and 18, 24, 26, 28, or 36 in. wide cellular.

(5) 3 in. deep, 30 in. wide cellular with 8-1/8 in. wide valley alongside joints may be used when 3/8 in. diam reinforcing bars are placed 1-1/2 in. to each side of side joints and 1 in. above bottom of units.

(6) Corrugated, 1-5/16 in. deep, 30 in. wide, 24 MSG min galv units with shear wires factory welded to deck corrugations. Welded to supports 12 in. OC. through welding washers. For shear wire spacing of 8 in. or less the steel deck stress shall not exceed 20 KSI. For shear wire spacing greater than 8 in. OC. but less than or equal to 12 in. OC. steel deck stress shall not exceed 12 KSI.

ASC STEEL DECK, DIV OF ASC PROFILES L L C — 32 in. wide Types NH-32, NHH-32, NHF-32; 36 in. wide Types BH-36, BHN-36, BHN-35-1/4, BHF-36, BHF-36A, 2WH-36, 2WHS-36, 2WHF-36, 2WHF-36A, 3WxH-36, 3WxHF-36, 3WxHF-36A, 3WH-36, 3WHF-36, 3W-36, 3WF-36, DG3W-36, DG3WF-36. All units may be galvanized or Prime Shield. Non-cellular decks may be vented designated with a "V" suffix to the product name. Cellular deck top and bottom sections may be riveted together (designated with "R") vs. arc spot welded, "F".

CANAM GROUP INC — 36 in. wide Type P-3623, P-3606, P-3615 and 24 in wide Type P-2432 composite; 24 or 36 in. wide Type 3 in. LOK-Floor; 36 in. wide Types 1.5B, 1.5BI, 1.5BL and 1.5BL.

CANAM STEEL CORP — 24 in. wide, Types 1-1/2, 2 or 3 in. LOK-Floor and LOK-Floor Cell; 36 in. wide, Types 2 or 3 in. LOK-Floor and LOK-Floor Cells; 24 in. wide, Types N-LOK and N-LOK Cell; 24, 30 or 36 in. wide, Type 1-1/2 in. B-LOK and B-LOK Cell.

NEW MILLENNIUM BUILDING SYSTEMS L L C — 24 in. wide Type Versa-Dek.

DECK WEST INC — 36 in. wide Type B-DW, 2-DW or 3-DW. Side joints of 2-DW and 3-DW may be fastened together with min 1 in. long No. 12 x 14 self-drilling, self-tapping steel screw 36 in. OC.

DESIGN ASSISTANCE CONSTRUCTION SYSTEMS INC — 36 in. wide Type DACS1.5CD, or 24 in. wide Type DACS2.0CD, or DACS3.0CD.

EPIC METALS CORP — 24 in. wide Types EC150, ECP150, EC300, ECP300, EC366, ECP366, EC150, EC300 inverted, Epicore A; 30 in. wide Types ECB150, ECBR150; 36 in. wide Types EC266.

H H ROBERTSON — QL Types, 24 in. wide 3 or 3 inverted. UKX, UKX-3, 2 in. 99. AKX, 21 or 21 inverted, 121, NKX, TKX; 24 or 30 in. wide GKX, GKX-A; 36 in. wide 99, AKX, WKX; 24 26, 94, 36 in. wide NKX; 1.5NKC, NKC, AKX, 2 or 3 in. TKC; 12 in. wide noncomposite Sec. 12; 17 in. wide 21; 26 or 28 in. wide UKX, 87.5 cm wide. Side joints of QL, 99, 121, WKX, TKX, TKC, and Metric units — QL-77-900; QLC-78-900; may be welded together 60 in. OC. Side joints of 99, AKX, WKX, GKX, GKX-A, TKX and Metric units — QL-77-900 and QLC-78-900 may be fastened together with min 1 in. long No. 12x14 self-drilling, self-tapping steel screws 36 in. OC.

HAMBRO STRUCTURAL SYSTEMS, DIV OF CANAM STEEL CORP — 36 in. wide, 1-1/2 in. Type P3615HB. The max superimposed loadings for Type P3615HB units shall not exceed 250 PSF. For single spans, the use of the units shall be limited to 5 ft. 6 in., 6 ft 0 in. and 6 ft 6 in. max spans for the 22, 20 and 18 gauge units, respectively. For multiple spans, 18 gauge units may be used on a max 7 ft 6 in. span with a max total superimposed loading of 240 PSF.

INTSEL STEEL EAST LLC — 36 in. wide Types 1.5" COMPOSITE/FLOOR, 2" COMPOSITE/FLOOR, 3" COMPOSITE/FLOOR.

KAM INDUSTRIES LTD, DBA CORDECK — 24 in. wide Types 2 or 3 in. WDR.

MARLYN STEEL DECKS INC — Type 1.5 CF, 2.0 CF or 3.0 CF.

NEW MILLENNIUM BUILDING SYSTEMS L L C — 24 or 36 in. wide Types 2.0CD, 3.0CD, 2.0CFD, 3.0CFD, 3.0CFDES; 24, 30 or 36 in. wide Types 1.5CD, 1.5CDI, 1.5CDR, 1.5CFD. Fluted units may be uncoated, phos/painted or galvanized.

STEEL MASTERS INTERNATIONAL DEPENDABLE STEEL — 36 in. wide Types 2WH-36, 3WH-36. Units may be phos/painted or galvanized.

VALLEY JOIST+DECK — 24 or 36 in. wide Types WVC 1-1/2 or WVC 2.

VERCO DECKING INC - A NUCOR CO — FORMLOK™ deck types PLB, B, BR, PLN3, N3, PLN, N, PLW2, W2, PLW3, W3. Units may be galvanized, phos./std, or mill finish. Units may be cellular or acoustical cellular, with the suffix "CD" or "CD-AC" added to the product name, respectively. All non-cellular deck may be vented or non-vented.12 in. wide PLW2, W2, PLW3 or W3 units may be blended with 24 or 36 in. wide PLW2, W2, PLW3 or W3 units, respectively; or Types N3, PLN3, N3-CD, PLN3-CD.

VULCRAFT, DIV OF NUCOR CORP — 24, 30 or 36 in. wide, Type 1.5 VL, 1.5 VLI, 1.5PLVLI, 1.5 VLP, 1.5PLVLP; 24 or 36 in. wide. Types 2VLI, 2.0PLVLI, 2VLP, 2.0PLVLP, 3VLI, 3.0PLVLI, 3 VLP, 3.0PLVLP. 36 in. wide Types 1.5 SB, 1.5 SBR; 24 or 36 in wide Types 2.0 SB, 3.0 SB, 36 in. wide Type High Strength 1.5 SBI, 36 in. wide Type High Strength 1.5 SBN.

Components for field-assembled cellular metal raceway units:

Raceway Bottom — 24 or 36 in. wide Types 212 VS, 312 VS .

Raceway Cover Plate — Types CP-12, CP-16.

Raceway Divider — Type DC-20, DC-25.

Raceway Isolation Trough — Types T-20, T-25, T-30.

Spacing of welds attaching units to supports shall be 12 in. OC for 12, 24 and 36 in. wide units, four welds per sheet for 30 in. wide units, 6 in. OC for 18 in. wide and Sec. 12 units. Unless noted otherwise, adjacent units button-punched or welded together 36 in. OC alongside joints. Adjacent 18 in. wide units welded together 30 in. OC alongside joints. For 3 Hr Rating, units with overlapping type side joints welded together 24 in. OC max.

The Unrestrained Assembly Rating is equal to the Unrestrained Beam Rating for a max of 3 Hr and is limited to the following floor units and spans:

(a) 1-1/2, 2 and 3 in. deep, 24 in. wide, 22 MSG or thicker fluted with clear spans not more than 7 ft, 8 in.

(b) 1-1/2, 2 and 3 in. deep, 24 in. wide, 20 MSG or thicker fluted with clear spans not more than 8 ft, 8 in.

(c) 1-1/2 and 2 in. deep, 24 in. wide, 16 MSG or thicker fluted and 18/18 MSG or thicker cellular with clear spans not more than 9 ft, 11 in.

(d) 3 in. deep, 36 in. wide, 18 MSG or thicker fluted and 24 in. wide, 20/18 MSG or thicker cellular with clear spans not more than 13 ft, 2 in.
For assemblies utilizing 3-1/4 in. lightweight concrete topping with a max Restrained Assembly Rating of 2 Hr, the Unrestrained Assembly Rating is equal to the Unrestrained Beam Rating and is limited to the following floor units and spans:

(a) 1-1/2, 2, and 3 in. deep, 24 or 36 in. wide, 22 MSG fluted and 20/20 MSG cellular with clear spans not more than 9 ft, 6 in.

(b) 2 and 3 in. deep, 24 or 36 in. wide 20 MSG fluted and 20/20 MSG cellular with clear spans not more than 10 ft, 0 in.

(c) 3 in. deep, 24 in. wide, 20 MSG fluted and 20/20 MSG cellular with clear spans not more than 13 ft, 2 in.

3A. **Steel Floor and Form Units* —** (not Shown) - As an alternate to Item 3. Nom 8 or 9 in. deep composite, galv steel units. Min thickness 0.0375 inch (20 MSG). Side joints of adjacent units fully overlapping, fastened together by using 1-1/4 in. long self-drilling, self-tapping steel screws driven through Shear-Bond Clips (not shown) at 13-3/4 in. OC. Steel end closures flashings (not shown) made of min 0.056 inch thick (16 MSG) galv steel, fixed to the steel work before decking is placed.
In addition to the Steel Floor and Form Units, the following components are required:

(a) Welded Wire Fabric — 6 X 6 - Min wire thickness W2.9 X W2.9 slab reinforcement. As an alternate, max # 4 bars spaced 12-in. OC in both directions shall be used. When re-bars are used, the concrete slab thickness shall be increased a minimum 5/16 in.

(b) Rib Reinforcement —Min. #4 rebar. Min concrete cover below the steel reinforcement shall be 1-9/16 in. Reinforcement support chairs spaced at max 41-1/2 inches OC.
The flute areas above the beams/joist are to be : (1) filled with concrete, (2) filled with Spray-Applied Fire Resistive Material or (3) the beam/joist coated with Spray-Applied Fire Resistive Material installed as described in the design to thickness required when all cellular Steel Floor and Form Units are used.

See Design No. D989 for a typical illustration of the components. Consult the deck manufacturer for comprehensive load tables and design parameters referencing UL Design D989.

BAILEY METAL PRODUCTS LTD — Type COMSLAB™ 210 and COMSLAB™ 225, Steel End Closure Flashing

4. **Spray-Applied Fire Resistive Materials —** Applied by mixing with water and spraying in one or more coats to a final thickness as shown in the tables below, to steel beam surfaces which must be clean and free of dirt, loose scale and oil. Min avg and min ind density of 15/14 pcf, respectively for Types MK-6/HY, MK-6/HYT Extended Set, MK-6/HB, MK-6s, MK-6 GF, MK-6 GF Extended Set, MK-10 HB, MK-10 HB Extended Set, MK-1000/HB, MK-1000/HB Extended Set, RG. Min avg and min ind density of 22/19, respectively for Types Z-106, Z-106/G, Z-106/HY. Min avg and min ind density of 50/45 pcf respectively for Types AV800, Z-156, Z-156T and Z-156PC. For method of density determination, refer to Design Information Section.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	W8x28 Beam (see Note #1 and #2)	W8x28 Beam Supporting (see Note #1 and #2)	
				All Fluted Floor Units w/Light weight Concrete	Fluted Floor Units and Normal Weight Concrete Only
1	1	1	1/2	5/16	5/16
1-1/2	1	1	1/2	5/16	5/16
1-1/2	1-1/2	1-1/2	13/16	5/8	9/16
2	1	1	1/2	5/16	5/16
2	2	2	1-3/16	7/8	11/16
3	1-1/2	1-1/2	13/16	5/8	9/16
3	3	3	2	1-5/16	1-5/16
3	3	4	2-13/16	1-5/8	1-7/8

Note #1: Restrained or unrestrained joists from the N series designs may be substituted for the listed beam. When joists are substituted, the restrained rating of the joist must be equal to or greater that the restrained rating of the assembly. Additional joist substitution requirements are contained in the front of the Fire Resistance Directory.

Note # 2: Restrained or unrestrained beams from the N series designs may be substituted for the listed beam. When beams are substituted, the restrained rating of the beam must be equal to or greater that the restrained rating of the assembly. Additional beam substitution requirements are contained in the front of the Fire Resistance Directory.

The thicknesses of Spray-Applied Fire Resistive Materials shown in the table below are applicable when the thickness applied to the beams' lower flange edges is reduced to one-half that shown in the table.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	W8x28 Beam	W8x28 Beam Supporting All Fluted Floor Units w/Lightweight Concrete	W8x28 Beam Supporting All Fluted Floor Units w/ Normal weight Concrete
1	1	1	11/16	7/16+	3/8+
1-1/2	1	1	11/16	7/16+	3/8+
1-1/2	1-1/2	1-1/2	1	3/4	5/8
2	1	1	11/16	7/16+	3/8+
2	2	2	1-3/8	1	13/16
3	1-1/2	1-1/2	1	3/4	5/8
3	3	3	2-3/16	1-7/16	1-3/8
3	3	4	3	1-15/16	1-15/16

+Thickness applied to beams' lower flange edges shall be a minimum of 1/4 in.

ARABIAN VERMICULITE INDUSTRIES — Types MK-6/HY, MK-6/HY Extended Set, MK-6/HB, MK-6s, MK-6 GF, MK-6 GF Extended Set, MK-10 HB, MK-10 HB Extended Set, MK-1000/HB, MK-1000/HB Extended Set, Z-106, Z-106/G, Z-106/HY, AV800, Z-156, Z-156T and Z-156PC

GCP KOREA INC — Types MK-6/HY, MK-6/HY Extended Set, MK-6/HB, MK-6s, MK-6 GF, MK-6 GF Extended Set, MK-10 HB, MK-10 HB Extended Set, MK-1000/HB, MK-1000/HB Extended Set, Z-106/G, Z-106, Z-106/HY, and Z-146,.

GCP APPLIED TECHNOLOGIES INC — Types MK-6/HY, MK-6/HY Extended Set, MK-6/HB, MK-6s, MK-6 GF, MK-6 GF Extended Set, MK-10 HB, MK-10 HB Extended Set, MK-1000/HB, MK-1000/HB Extended Set, RG, Z-106/G, Z-106, Z-106/HY, Z-146, Z-146PC, Z-146T, Z-156, Z-156T and Z-156PC.

4A. **Sprayed Fiber* —** (Optional, Not Shown) Sprayed Fiber, Classified for Surface Burning Characteristics (BNST), having a maximum applied density of 3.5 pcf applied over both Steel Floor and Form Units (Item 3 and 3A) and over Spray-Applied Fire Resistive Material (Item 4 through 4B) on Supports. Sprayed Fiber may be applied to the underside of Steel Floor and Form Units (Item 3 and 3A) at an unlimited thickness. Sprayed Fiber may be applied over Spray-Applied Fire Resistive Material (Item 4 through 4B) on Supports according to the following table:

Allowable Sprayed Fiber Thickness over SFRM applied to Beams

Installed SFRM Thickness (in.) on Beam	SFRM Density (lb/ft³) 15	22	40	50
	Sprayed Fiber Thickness (in.)			
5/16	8	8	8	8
7/16	8	8	8	8
1/2	8	8	8	8
9/16	8	8	8	8
5/8	8	8	8	8
11/16	8	8	8	8
3/4	8	8	8	8
13/16	8	8	8	8
7/8	8	8	8	8
1	8	8	8	8
1-1/16	8	8	8	8
1-1/8	8	8	8	8
1-3/16	8	8	8	8
1-5/16	7-3/4	8	8	8
1-3/8	7-1/2	8	8	8
1-7/16	7-1/4	8	8	8
1-9/16	6-11/16	8	8	8
1-5/8	6-7/16	8	7-7/8	8
1-3/4	5-7/8	8	6-7/16	8
1-13/16	5-5/8	8	5-11/16	7-1/8
2	4-13/16	7-1/16	3-9/16	4-7/16
2-1/16	4-9/16	6-11/16	2-7/8	3-9/16
2-1/8	4-5/16	6-5/16	2-1/8	2-11/16
2-3/16	4	5-7/8	1-7/16	1-13/16
2-5/16	3-1/2	5-1/8	0	0
2-3/8	3-3/16	4-11/16	0	0
2-11/16	1-14/16	2-12/16	0	0
2-3/4	1-10/16	2-6/16	0	0
3-1/8	0	0	0	0

INTERNATIONAL CELLULOSE CORP — Type K13, URE-K, or SonaSpray FC

4B. **Sprayed Fiber* —** (Optional, Not Shown) Sprayed Fiber, Classified for Surface Burning Characteristics (BNST), having a maximum applied density of 2.8 pcf applied over both Steel Floor and Form Units (Item 3 and 3A) and over Spray-Applied Fire Resistive Material (Item 4 through 4B) on Supports. Sprayed Fiber may be applied to the underside of Steel Floor and Form Units (Item 3 and 3A) at an unlimited thickness. Sprayed Fiber may be applied over Spray-Applied Fire Resistive Material (Item 4 through 4B) on Supports according to the following table:

Allowable Sprayed Fiber Thickness over SFRM applied to Beams

Installed SFRM Thickness (in.) on Beam	SFRM Density (lb/ft³) 15	22	40	50
	Sprayed Fiber Thickness (in.)			
5/16	5	5	5	5
7/16	5	5	5	5
1/2	5	5	5	5
9/16	5	5	5	5
5/8	5	5	5	5
11/16	5	5	5	5
3/4	5	5	5	5
13/16	5	5	5	5
7/8	5	5	5	5
1	5	5	5	5
1-1/16	5	5	5	5
1-1/8	5	5	5	5
1-3/16	5	5	5	5
1-5/16	5	5	5	5
1-3/8	5	5	5	5
1-7/16	5	5	5	5
1-9/16	5	5	5	5
1-5/8	5	5	5	5
1-3/4	5	5	5	5
1-13/16	5	5	5	5
2	4-13/16	5	3-9/16	4-7/16
2-1/16	4-9/16	5	2-7/8	3-9/16
2-1/8	4-5/16	5	2-1/8	2-11/16
2-3/16	4	5	1-7/16	1-13/16
2-5/16	3-1/2	5	0	0
2-3/8	3-3/16	4-11/16	0	0
2-11/16	1-7/8	2-3/4	0	0
2-3/4	1-5/8	2-3/8	0	0
3-1/8	0	0	0	0

THERMACOUSTIC IND. — Type TC-417

5. **Shear-Connector-Studs-Optional —** Studs 3/4 in. diam by 3 in. long, for 1-1/2 in. deep form units to 5-1/4 in. long for 3 in. deep form units, headed type or equivalent per AISC specifications. Welded to the top flange of the beam through the steel form units.

6. **Electrical Inserts —** (Not shown) Classified as "Outlet Boxes and Fittings Classified for Fire Resistance".
H H ROBERTSON — Preset Inserts.

For use with 2-1/2 in. lightweight concrete topping over QL-WKX steel floor units. Installed over factory-punched holes in floor units per accompanying installation instructions. Spacing shall not be more than one insert in each 14 sq ft of floor area with spacing along floor units not less than 48 in. OC. The holes cut in insert cover for passage of wires shall be no more than 1/8 in. larger diam than wire. Restrained Assembly Rating is 3/4 hr with Tapmate II-FS-1 and 1 hr with Tapmate II-FS-2 inserts.

H H ROBERTSON — Tapmate II-FS-1, II-FS-2; Series KE8.

WIREMOLD CO — After set Inserts. Single-service after set inserts installed per accompanying installation instructions in 2-1/2 in. diam hole core-drilled through min 3-1/4 in. thick concrete topping to top of cell of any min 3 in. deep cellular steel floor unit specified under Item 3. Spacing shall be no more than one insert in each 10 sq ft of floor area in each span with a min center to center spacing of 16 in. If the high potential and low potential raceways of the cellular steel floor unit are separated by a valley filled with concrete, the center to center spacing of the high potential and low potential single-service after set inserts may be reduced to a min of 7-1/2 in. Restrained Assembly Rating is 2 hr or less with internally protected Type 436 after set insert with Type M4-, M6- or M8- Series single-service activation fitting.

WIREMOLD CO — — Internally protected Type 436 after set insert with Type M4-, M6- or M8- Series single-service activation fitting.

7. **Roof Covering Materials* —** (Optional, not shown) Consisting of materials compatible with insulations described herein which provide Class A, B or C coverings. See Roofing Materials and Systems Directory - Roof Covering Materials (TEVT).

8. **Insulating Concrete —** (not shown) Optional. Various types of insulating concrete prepared and applied in the thickness indicated:
A. **Vermiculite Concrete —** (not shown) Optional.
1. Blend 6 to 8 cu ft of Vermiculite Aggregate* to 94 lb Portland Cement and air entraining agent. Min thickness of 2 in. as measured to the top surface of the structural concrete or foamed plastic (Item 9) when it is used.
SIPLAST INC

VERMICULITE PRODUCTS INC

2. Blend 3.5 cu ft. of Type NVC Concrete Aggregate* or Type NVS Vermiculite Aggregate* to 94 lb Portland Cement. Slurry coat, 1/8 in. thickness beneath foamed plastic (Item 9) when used, 1 in. min topping thickness.
SIPLAST INC

VERMICULITE PRODUCTS INC

Vermiculite concrete may be covered with Roof Covering Materials (Item 7).

B. **Cellular Concrete- Roof Topping Mixture* —** Concentrate mixed with water and Portland Cement per manufacturers specifications. Min. thickness of 2-in. as measured to the top surface of the structural concrete or foamed plastic (Item 9) when used. 28-day min compressive strength of 190 psi as determined with ASTM C495-66.
CELCORE INC — Type Celcore with cast dry density of 31 (+ or - 3.0) pcf or Type Celcore MF with cast dry density of 29 (+ or - 3.0) pcf.

AERIX INDUSTRIES — Cast dry density of 37 (+ or -) 3.0 pcf.

ELASTIZELL CORP OF AMERICA — Type II. Mix #1 of cast dry density 39 (+ or -) 3.0 pcf, Mix #2 of cast dry density 40 (+ or -) 3.0 pcf, Mix #3 of cast dry density 47 (+ or -) 3.0 pcf.

MONOGLASS INC — Type Monoglass

4C. **Sprayed Fiber* —** (Optional, Not Shown) Sprayed Fiber, Classified for Noncombustible Building Materials (BICW), having a maximum applied density of 3.5 pcf applied over both Steel Floor and Form Units (Item 3 and 3A) and over Spray-Applied Fire Resistive Material (Item 4 through 4B) on Supports. Sprayed Fiber may be applied to the underside of Steel Floor and Form Units (Item 3 and 3A) at an unlimited thickness. Sprayed Fiber may be applied over Spray-Applied Fire Resistive Material (Item 4 through 4B) on Supports according to the following table:

Allowable Sprayed Fiber Thickness over SFRM applied to Beams

Installed SFRM Thickness (in.) on Beam	SFRM Density (lb/ft³) 15	22	40	50
	Sprayed Fiber Thickness (in.)			
5/16	5	5	5	5
7/16	5	5	5	5
1/2	5	5	5	5
9/16	5	5	5	5
5/8	5	5	5	5
11/16	5	5	5	5
3/4	5	5	5	5
13/16	5	5	5	5
7/8	5	5	5	5
1	5	5	5	5
1-1/16	5	5	5	5
1-1/8	5	5	5	5
1-3/16	5	5	5	5
1-5/16	5	5	5	5
1-3/8	5	5	5	5
1-7/16	5	5	5	5
1-9/16	5	5	5	5
1-5/8	5	5	5	5
1-3/4	5	5	5	5
1-13/16	5	5	5	5
2	4-13/16	5	3-9/16	4-7/16
2-1/16	4-9/16	5	2-7/8	3-9/16
2-1/8	4-5/16	5	2-1/8	2-11/16
2-3/16	4	5	1-7/16	1-13/16
2-5/16	3-1/2	5	0	0
2-3/8	3-3/16	4-11/16	0	0
2-11/16	1-7/8	2-3/4	0	0
2-3/4	1-5/8	2-3/8	0	0
3-1/8	0	0	0	0

SIPLAST INC — Mix No. 1 or 2. Cast dry density of 32+3 (Mix No. 1) or 36+3 (mix No. 2) pcf.

C. **Perlite Concrete —** Mix consists of 6.2 cu ft Perlite Aggregate* to 94 lbs of Portland cement and 1-1/2 pt air entraining agent. Compressive strength 80 psi min.
See Perlite Aggregate (CFTX) category for names of Classified companies.

D. **Cellular Concrete-Roof Topping Mixture* —** Foam Concentrate mixed with water, Portland Cement and UL Classified Vermiculite Aggregate per manufacturer's application instructions. Cast dry density of 33 (+ or -) 3.0 pcf and 28-day compressive strength of min 250 psi as determined in accordance with ASTM C495-86.
AERIX INDUSTRIES — Mix No. 3.

SIPLAST INC — Mix No. 3.

E. **Floor Topping Mixture* (Optional, not shown) —** Approx 4.5 gal of water to 41 lbs of NVS Premix floor topping mixture. Slurry coat 1/8 in. thickness beneath foamed plastic (Item 9) when used, 1 in. min topping thickness.
SIPLAST INC

Floor Topping Mixture may be covered with Built-Up or Single Membrane Roof Covering.

9. **Foamed Plastic* —** (Optional-not shown) For use only with vermiculate or cellular concretes or Floor Topping mixture (Item 8E) - Rigid polystyrene foamed plastic insulation having slots and/or holes sandwiched between vermiculite concrete slurry which is applied to the normal or lightweight concrete surface and concrete topping.
SIPLAST INC

VERMICULITE PRODUCTS INC

10. **Roof Insulation-Mineral and Fiber Boards* or Foamed Plastic* —** (Optional, not shown, Not for use with Item 3A)) — Mineral and fiber boards or polyisocyanurate roof insulation applied over concrete floor with no restriction on board thickness. When mineral and fiber boards or polyisocyanurate roof insulation are used the thickness of Spray-Applied Fire Resistive Materials shown in the table below are applicable when the thickness applied to the beams' lower flange edges is reduced by one-half and the beams are supporting solid concrete slabs or floor assemblies containing only fluted floor or form units with lightweight concrete. The table below is applicable when W8x28 or alternate (per BXUV Category Guide in the front of the Fire Resistance Directory) steel beam is used. See Mineral and Fiber Boards (CERZ) or Foamed Plastic (CCVW) category for names of Manufacturers.

Rating Hr	Min Thkns In. Restrained Beam	Unrestrained Beam
1	7/16+	3/4
1-1/2	11/16	1
2	15/16	1-1/4
3	1-7/16	1-11/16

+ Thickness applied to beams' lower flange edges shall be a min of 1/4 in.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2023-12-26

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STATE OF NORTH CAROLINA — REGISTERED ARCHITECT — CERT. NO. 50676 — SCOTT MICHAEL KEMPERT — RALEIGH

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

UL DESIGN DETAILS

G-005

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NOTE: ALL RENDERINGS ARE FOR GRAPHICAL REPRESENTATION ONLY.

EXTERIOR RENDERING - ENTRY FROM PARKING

EXTERIOR RENDERING - OVERALL

EXTERIOR RENDERING - ENTRY FROM CARPOOL

EXTERIOR RENDERING - ENTRY CANOPY - <u>INCLUSION OF ALTERNATE 1A & 1B.</u>

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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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3D VIEWS - EXTERIOR

G-006

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INTERIOR - ENTRY FROM LOBBY

INTERIOR - DINING FROM LOBBY

INTERIOR - HIGH SCHOOL GYM

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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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3D VIEWS - INTERIOR LOBBY AND ATHLETICS

G-007

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INTERIOR - MIDDLE SCHOOL COLAB

INTERIOR - LEARNING COMMONS FROM MIDDLE SCHOOL MEIDA

INTERIOR - LEARNING COMMONS FROM HIGH SCHOOL COLAB

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
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3D VIEWS - INTERIOR LEARNING COMMONS

G-008

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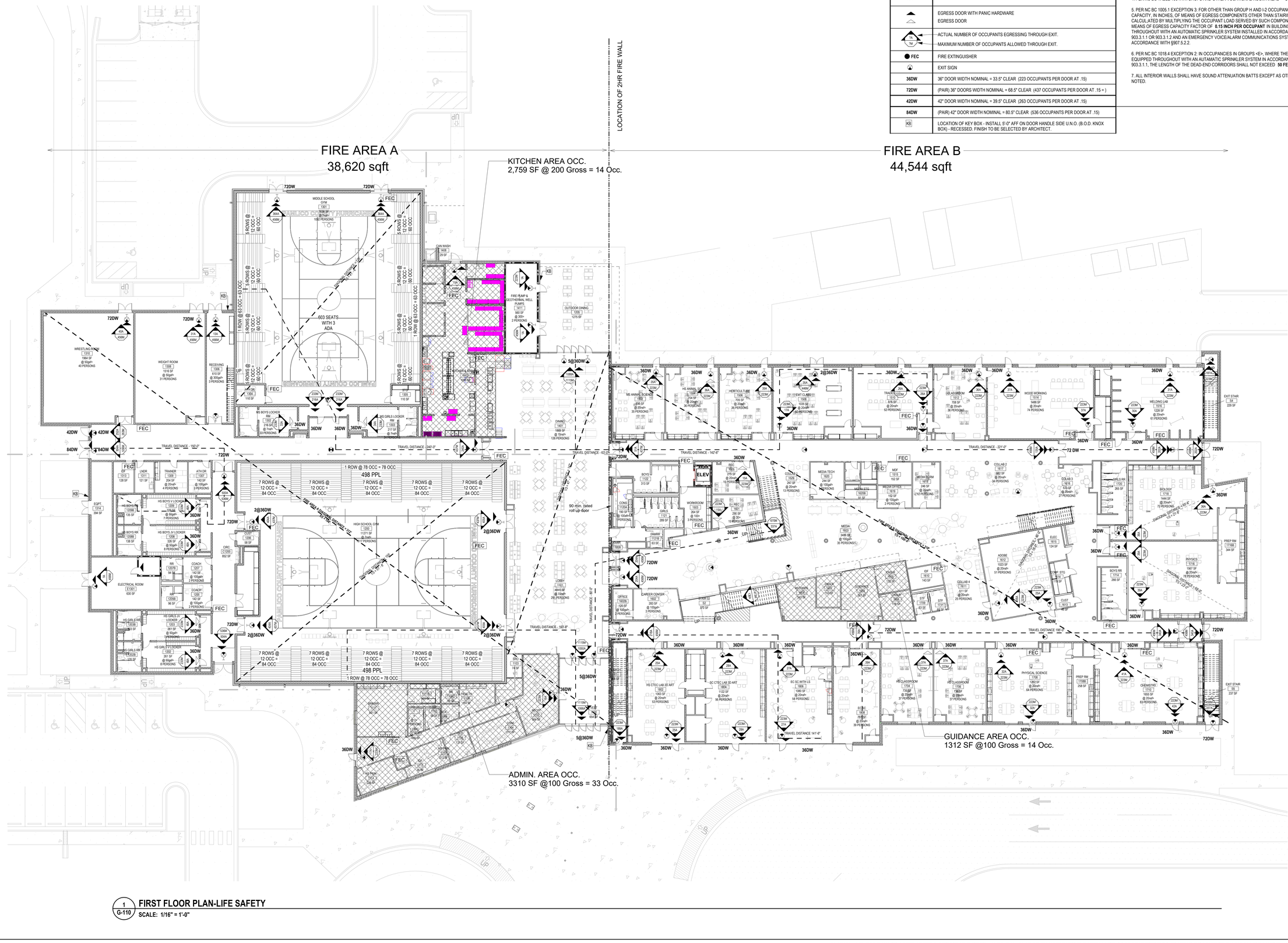
LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
	1 HR FIRE RATED
	2 HR FIRE RATED
20	DOOR FIRE RATING IN MINUTES
	EGRESS DOOR WITH PANIC HARDWARE EGRESS DOOR
74 74	ACTUAL NUMBER OF OCCUPANTS EGRESSING THROUGH EXIT. MAXIMUM NUMBER OF OCCUPANTS ALLOWED THROUGH EXIT.
FEC	FIRE EXTINGUISHER
	EXIT SIGN
36DW	36" DOOR WIDTH NOMINAL = 33.5" CLEAR (223 OCCUPANTS PER DOOR AT .15)
72DW	(PAIR) 36" DOORS WIDTH NOMINAL = 68.5" CLEAR (437 OCCUPANTS PER DOOR AT .15 =)
42DW	42" DOOR WIDTH NOMINAL = 39.5" CLEAR (263 OCCUPANTS PER DOOR AT .15)
84DW	(PAIR) 42" DOOR WIDTH NOMINAL = 80.5" CLEAR (536 OCCUPANTS PER DOOR AT .15)
KB	LOCATION OF KEY BOX - INSTALL 5'-0" AFF ON DOOR HANDLE SIDE U.N.O. (B.O.D. KNOX BOX) - RECESSED. FINISH TO BE SELECTED BY ARCHITECT.

GENERAL NOTES:

1. SEE SHEET G-008 FOR UL DESIGNS AND PARTITION TYPES
2. SEE SHEET A-010 & FLOOR PLANS FOR PARTITION TYPES
3. NCBC 303.1.4 ASSEMBLY AREAS THAT ARE ACCESSORY TO GROUP E OCCUPANCIES ARE NOT CONSIDERED SEPARATE OCCUPANCIES EXCEPT WHEN APPLYING THE ASSEMBLY OCCUPANCY REQUIREMENTS OF CHAPTER 11.
4. PER NC BC TABLE 1004.1.1: SHOPS AND OTHER VOCATIONAL ROOM AREAS = **50 NET.**
5. PER NC BC 1005.1 EXCEPTION 3: FOR OTHER THAN GROUP H AND I-2 OCCUPANCIES, THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENTS BY A MEANS OF EGRESS CAPACITY FACTOR OF **0.15 INCH PER OCCUPANT** IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH § 903.3.1.1 OR 903.3.1.2 AND AN EMERGENCY VOICE/ALARM COMMUNICATIONS SYSTEM IN ACCORDANCE WITH §907.5.2.2.
6. PER NC BC 1018.4 EXCEPTION 2: IN OCCUPANCIES IN GROUPS <E>, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTAMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH § 903.3.1.1, THE LENGTH OF THE DEAD-END CORRIDORS SHALL NOT EXCEED **50 FEET.**
7. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS EXCEPT AS OTHERWISE NOTED.



1 G-110 **FIRST FLOOR PLAN-LIFE SAFETY**
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WAKE COUNTY PUBLIC SCHOOL SYSTEM — 6.12.24 — PLANNING & DESIGN

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
1	4/19/24	DOI Comments - CD

ISSUE DATE:	06/12/24
PROJECT #:	2205
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LIFE SAFETY PLAN - LEVEL 01

G-110

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LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
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	2 HR FIRE RATED
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	EGRESS DOOR WITH PANIC HARDWARE EGRESS DOOR
75 / 150	ACTUAL NUMBER OF OCCUPANTS EGRESSING THROUGH EXIT. MAXIMUM NUMBER OF OCCUPANTS ALLOWED THROUGH EXIT.
FEC	FIRE EXTINGUISHER
	EXIT SIGN
36DW	36" DOOR WIDTH NOMINAL = 33.5" CLEAR (223 OCCUPANTS PER DOOR AT .15)
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84DW	(PAIR) 42" DOOR WIDTH NOMINAL = 80.5" CLEAR (536 OCCUPANTS PER DOOR AT .15)
KB	LOCATION OF KEY BOX - INSTALL 5'-0" AFF ON DOOR HANDLE SIDE U.N.O. (B.O.D. KNOX BOX) - RECESSED. FINISH TO BE SELECTED BY ARCHITECT.

GENERAL NOTES:

1. SEE SHEET G-008 FOR UL DESIGNS AND PARTITION TYPES

2. SEE SHEET A-010 & FLOOR PLANS FOR PARTITION TYPES

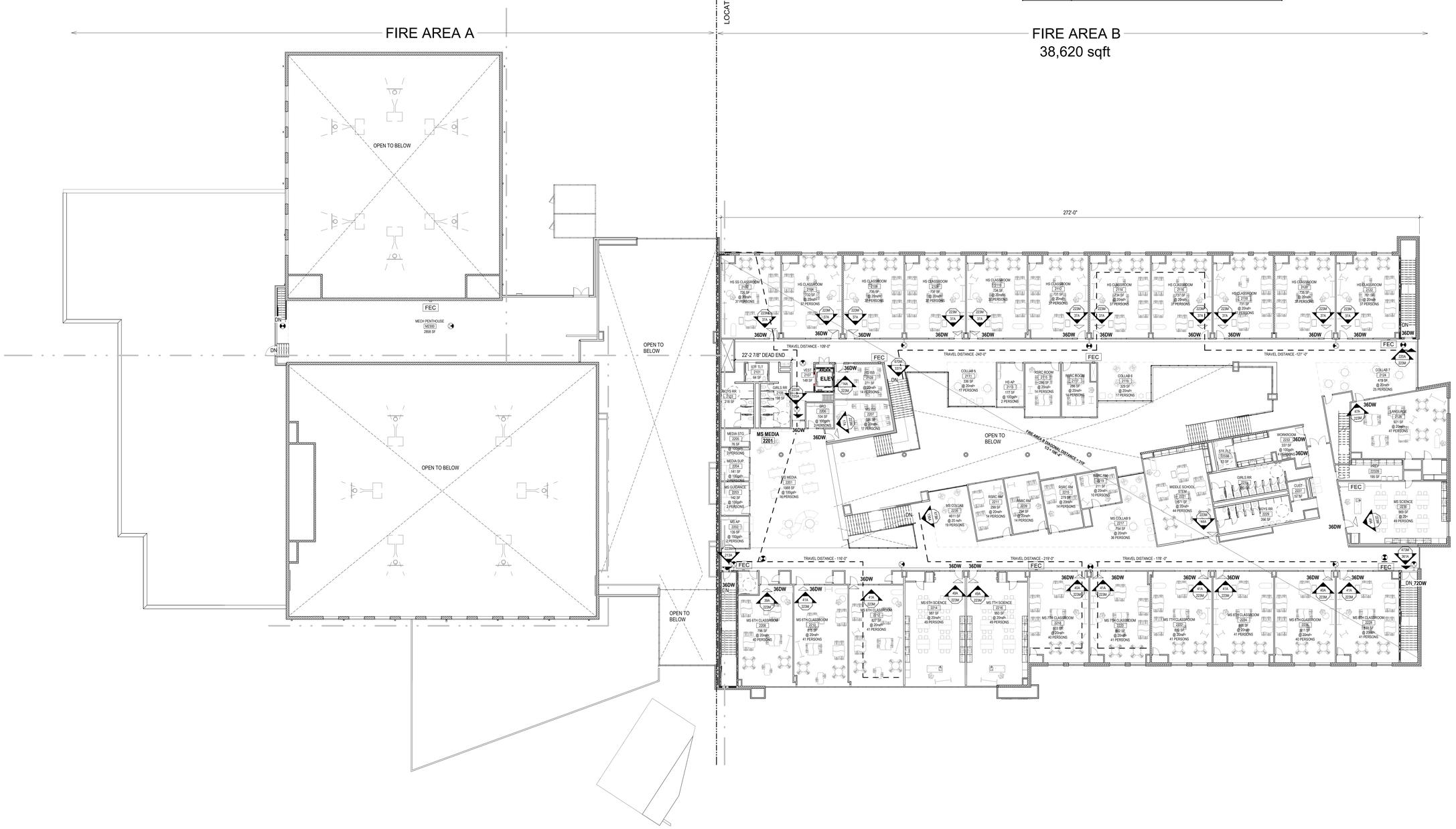
3. NCBC 303.1.4 ASSEMBLY AREAS THAT ARE ACCESSORY TO GROUP E OCCUPANCIES ARE NOT CONSIDERED SEPARATE OCCUPANCIES EXCEPT WHEN APPLYING THE ASSEMBLY OCCUPANCY REQUIREMENTS OF CHAPTER 11.

4. PER NC BC TABLE 1004.1.1: SHOPS AND OTHER VOCATIONAL ROOM AREAS = **50 NET.**

5. PER NC BC 1005.1 EXCEPTION 3: FOR OTHER THAN GROUP H AND I-2 OCCUPANCIES, THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENTS BY A MEANS OF EGRESS CAPACITY FACTOR OF **0.15 INCH PER OCCUPANT** IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH § 903.3.1.1 OR 903.3.1.2 AND AN EMERGENCY VOICE/ALARM COMMUNICATIONS SYSTEM IN ACCORDANCE WITH §907.5.2.2.

6. PER NC BC 1018.4 EXCEPTION 2: IN OCCUPANCIES IN GROUPS <E>, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTAMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH § 903.3.1.1, THE LENGTH OF THE DEAD-END CORRIDORS SHALL NOT EXCEED **50 FEET**.

7. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS EXCEPT AS OTHERWISE NOTED.



1 / G-111 **SECOND FLOOR PLAN-LIFE SAFETY**
SCALE: 1/16" = 1'-0"

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:	06/12/24	
PROJECT #:	2205	
DRAWN BY:	MK	
CHECKED BY:	MK	

LIFE SAFETY PLAN - LEVEL 02

G-111

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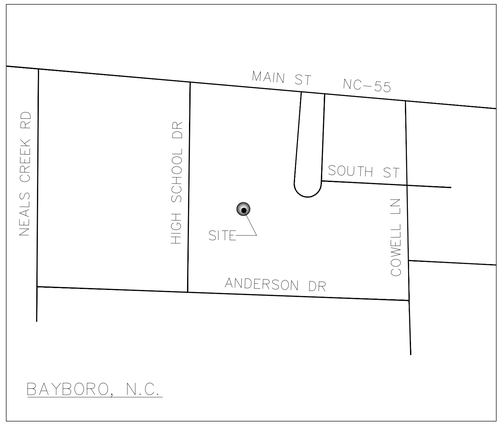
6/24/2024 3:22:34 PM Autodesk Docs://Pamlico High School 6-12/2205 - Pamlico HS - ARCH.rvt



6 C-001 **VICINITY MAP**
NO SCALE

Sheet Title:	Sheet Number:
GENERAL NOTES, LEGEND, & ABBREVIATIONS	C-001
DEMOLITION PLAN	C-100
OVERALL SITE PLAN	C-200
SITE PLAN	C-201 - C-202
OVERALL GRADING PLAN	C-300
GRADING, DRAINAGE & EROSION CONTROL PLAN	C-301 - C-303
EROSION NOTES	C-304 - C-305
OVERALL UTILITY PLAN	C-400
UTILITY PLAN	C-401 - C-402
DETAILS	C-500 - C-505
LANDSCAPE PLAN	L-101 - L-102

4 C-001 **DRAWING INDEX**
NO SCALE

Property Identification Number:	6561430892000; 6561343083000
Property Address / Location:	601 Main St. Bayboro, NC 28515
Owner / Client Contact:	Pamlico County/Pamlico County Board of Education
Owner / Client Address:	
Owner / Client Phone & Fax:	

5 C-001 **PROPERTY INFORMATION**
NO SCALE

ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON THIS SHEET SHALL APPLY TO ALL CONTRACT DOCUMENTS AND SHEETS IN THIS SET.

1. THE GENERAL CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT THE JOB SITE.
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS A BRASS DISK SET IN CONCRETE SW, NCGS "PAM 6", NCGS TBM 1986 LOCATED IN THE NORTHWEST SITE AREA WITH COORDINATES N 514442.7375' E 2663741.6434' AND AN ELEVATION OF 10.85'.
3. ALL DIMENSIONS AND ALL ELEVATIONS ARE MEASURED TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. THE INTENT OF THE LIMITS OF CONSTRUCTION (LOC) SHOWN ON THE DRAWINGS IS TO DEFINE THE GENERAL AREA TO CONSTRUCT, INSTALL AND/OR MODIFY THE SITE IMPROVEMENTS. TYPICALLY, THE LOC WILL FOLLOW RIGHT-OF-WAY OR PROPERTY BOUNDARIES. HOWEVER, THE LOC MAY BE SHOWN IN CERTAIN LOCATIONS FOR READABILITY AND CLARITY PURPOSES. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE REGARDING ANY QUESTIONS AS TO THE EXACT LOCATION OF THE LOC PRIOR TO BID AND PRIOR TO BEGINNING CONSTRUCTION. ALL ITEMS SHOWN ON THESE PLANS THAT DO NOT SPECIFICALLY STATE 'NOT-IN-CONTRACT (NIC)' SHALL BE INCLUDED IN THE BID COST, INCLUDING ITEMS THAT MAY BE OUTSIDE THE LOC BOUNDARY.
5. LOCATIONS OF EXISTING UTILITY LINES HAVE BEEN TAKEN FROM UTILITY RECORDS SUPPLEMENTED BY FIELD INSPECTIONS AND SHOULD INDICATE IN GENERAL THE TYPE OF UNDERGROUND FACILITIES NOW IN SERVICE. LOCATIONS SHOWN ARE NOT GUARANTEED. DEVELOPERS OR CONTRACTORS SHALL NOT ONLY MAKE SUBSURFACE INVESTIGATIONS BUT SHALL ALSO ALLOW FOR CONTINGENCIES WHICH MIGHT ARISE BY REASON OF ENCOUNTERING UNRECORDED LINES OR LINES BEING IN DIFFERENT LOCATIONS THAN INDICATED ON THIS PLAN. **AT LEAST 48-HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY, EXCAVATION, GRADING, OR DIGGING ON THE SITE, THE GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES TO VERIFY AND/OR FIELD-LOCATE THEIR RESPECTIVE UTILITIES (THE NORTH CAROLINA ONE CALL CENTER - 1-800-632-4949).** ALL DAMAGE INCURRED TO EXISTING UTILITY LINES DURING CONSTRUCTION SHALL BE REPAIRED AT THE GENERAL CONTRACTORS EXPENSE.
6. ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OFF-SITE.
7. A FORMAL EROSION AND SEDIMENTATION CONTROL PERMIT IS REQUIRED FOR THIS SITE UNDER THE REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES (NCDENR). THE GENERAL CONTRACTOR IS REQUIRED TO AND SHALL FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS TO MINIMIZE EROSION AND THE TRANSPORT OF SEDIMENT OFF-SITE DURING CONSTRUCTION, INCLUDING THE PLACEMENT AND MAINTENANCE OF CONTROL MEASURES. ALL MEASURES REQUIRED SHALL BE INCLUDED IN THE BID COST WHETHER SPECIFICALLY INDICATED OR NOT.
8. ALL PARKING STRIPES SHALL BE 4" WIDE AND SHALL BE MARKED WITH STANDARD WHITE TRAFFIC PAINT. ALL ISLANDS AND TRAFFIC ARROWS SHALL BE MARKED WITH STANDARD WHITE TRAFFIC PAINT.
9. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH ALL APPLICALBLE TOWN OF BAYBORO, PAMLICO COUNTY & STATE REQUIREMENTS.
10. DISTURBED AREAS NOT COVERED BY ASPHALT OR OTHER IMPERMEABLE SURFACES SHALL BE SEEDED AND STABILIZED PER SPECIFICATIONS.
11. ACCESSIBLE PARKING SPACES, ACCESS AISLES, & SIGNAGE SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AND INSTALLED PER FEDERAL, STATE, AND LOCAL REQUIREMENTS UNDER THE AMERICANS WITH DISABILITIES ACT (ADA). STANDARD R7-8 RESERVED PARKING AND MAXIMUM PENALTY $250 NCGS 20.37.6 SIGNS MUST BE INSTALLED IN FRONT OF ALL ACCESSIBLE PARKING SPACES. "VAN ACCESSIBLE" SIGNS MUST BE PROVIDED IN FRONT OF THE VAN ACCESSIBLE PARKING SPACE(S).
12. ALL TRAFFIC CONTROL DEVICES, PAVEMENT MARKINGS, SIGNS, AND SIGNALS SHALL BE DESIGNED, INSTALLED AND MAINTAINED IN COMFORMANCE WITH THE STANDARDS SET FORTH IN THE NORTH CAROLINA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
13. THESE PLANS INDICATE THE MAJOR DEMOLITION COMPONENTS TO BE REMOVED AND/OR, RELOCATED. HOWEVER, THE CONTRACTOR SHALL DEMOLISH AND/OR RELOCATE ALL MISCELLANEOUS COMPONENTS NOT SPECIFICALLY INDICATED ON THESE PLANS TO PROVIDE A CLEAN SITE FOR THE INSTALLATION OF THE NEW IMPROVEMENTS.
14. SURVEY, BASE MAPPING, & TOPOGRAPHICAL DATA PROVIDED BY M.A.P.S. SURVEYING, INC., FAYETTEVILLE, NC - (910) 484-6432.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TREE PROTECTION FENCING AROUND ALL "AT-RISK" TREES WITHIN THE VICINITY OF THE CONSTRUCTION ACTIVITY WHETHER SPECIFICALLY INDICATED ON THE PLANS OR NOT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER DEVELOPMENT ACTIVITIES, AND SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT UNTIL FINAL SITE INSPECTION. REFER TO CONSTRUCTION PLAN DETAIL SHEETS FOR TREE PROTECTION DETAIL(S).
16. AREAS OF SHADED CURB & GUTTER INDICATE THE USE OF CONCRETE "SPILL-OFF" CURB & GUTTER. (SEE SHT. C-502)
17. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL & NATURAL RESOURCES & THE NORTH CAROLINA DEPARTMENT OF WATER QUALITY FOR APPROVAL TO REMOVE ALL CONSTRUCTED TEMPORARY & PERMANENT EROSION & SEDIMENTATION CONTROL MEASURES, AND FOR THE APPROVAL OF PERMANENT GROUND COVER.
18. CONTRACTOR SHALL INSTALL A RAIN GAUGE AND MAINTAIN A MONITORING LOG ACCORDING TO NCDENR REQUIREMENTS UNTIL THE AGENCY HAS RELEASED THE SITE.
19. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL ACCORDING TO NCDOT REQUIREMENTS DURING THE CONSTRUCTION OF IMPROVEMENTS IN THE RIGHT-OF-WAY.
20. CONTRACTOR SHALL PROVIDE RED-LINE PRINTS OF ALL CHANGES AND MODIFICATIONS. THIS INFORMATION SHALL BE PROVIDED TO THE DESIGNER OF RECORD AT THE TIME OF SUBSTANTIAL COMPLETION.
21. CONTRACTOR SHALL INSTALL 6-FT HIGH TEMPORARY CHAIN LINK CONSTRUCTION FENCING IN ALL AREAS WHERE DIRECT ACCESS TO CONSTRUCTION ACTIVITY IS POSSIBLE, AND SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER REGARDING THE LOCATION OF THE CONSTRUCTION FENCE AND PEDESTRIAN TRAFFIC CONTROL DURING CONSTRUCTION. ALL FENCING SHALL BE INCLUDED IN THE BID COST WHETHER SPECIFICALLY INDICATED OR NOT.
22. THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS *TO BE SEALED BY A PROFESSIONAL LAND SURVEYOR* INDICATING THE TOPOGRAPHY OF THE STORM WATER POND AT ONE-FOOT CONTOUR INTERVALS. THEY ALSO SHALL PROVIDE THEIR DRAWING IN AN ELECTRONIC VERSION. THE FOLLOWING MINIMUM INFORMATION SHALL ALSO BE INCLUDED: TOP AND BOTTOM ELEVATIONS, SIDE SLOPES, INVERTS, WEIR LOCATION AND ELEVATION, ORIFICE ELEVATIONS, PIPE SIZES AND LOCATIONS, OUTFALL STRUCTURE, AND DIAMETER AND INVERT OF OUTFALL STRUCTURE ORIFICE. THE CONTRACTOR SHALL ALSO INCLUDE LOCATIONS (NORTHING AND EASTING COORDINATES), TOPS, INVERTS, SIZES, AND SLOPES OF ALL NEW STORM DRAINAGE STRUCTURES. PRIOR TO SENDING THE REQUIRED DRAWING, THE CONTRACTOR SHALL CHECK AND ADJUST ALL POND COMPONENTS TO COMPLY WITH CONTRACT DOCUMENT. ANY RECORD DRAWINGS SUBMITTED THAT DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS SHALL BE REJECTED WITHOUT COMMENT. THE CONTRACTOR SHALL BE CHARGED $800 PER ADDITIONAL REVIEW. UNLESS WRITTEN AUTHORIZATION IS GIVEN BY THE DESIGNER, THE CONTRACTOR SHALL NOT DEVIATE FROM THE DESIGN. THE CONTRACTOR SHALL HAVE A MANDATORY PRE-INSTALLATION CONFERENCE PRIOR TO THE CONSTRUCTION OF THE POND.
23. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER PRIOR THE STORM WATER POND INSTALLATION. MINIMUM INSPECTION INCREMENTS ARE AS FOLLOWS:
    - EXCAVATION OF THE POND
    - FOREPLAY
    - SIDE SLOPES PIPES, FLARED END SECTION(S), & RISER
    - RISER & BARREL
    - EMERGENCY SPILLWAY
    - VEGETATION
    - FINAL INSPECTION / APPROVAL PRIOR TO CERTIFICATE OF OCCUPANCY
24. CONTRACTOR SHALL MAINTAIN A COPY OF ALL APPROVED PLANS & REQUIRED PERMITS ON SITE DURING CONSTRUCTION.
25. ALL EXCAVATION IN THE PROJECT AREA SHALL BE UNCLASSIFIED. CONTRACTOR SHALL INCLUDE ALL COST ASSOCIATED WITH SOIL MATERIAL REMOVAL, REPAIR AND DISPOSAL UNDER THE BASE BID SCOPE OF WORK.
26. ALL MATERIAL, SOIL, AND OTHER MISCELLANEOUS DEBRIS THAT IS A PART OF THE DEMOLITION OR CONSTRUCTION ACTIVITIES AND NOT USED TO COMPLETE THE PROJECT SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND NOT ALLOWED TO ACCUMULATE.

3 C-001 **GENERAL NOTES**
NO SCALE

	EXISTING	NEW
CABLE / TELEVISION	CA	CA
CENTER LINE		
CONTOUR LINE	100	100
DIVERSION BERM	N/A	DB
EASEMENT		
FENCE	X	X
FIBER OPTIC	FO	FO
FORCE MAIN	FM	FM
NATURAL GAS	G	G
LIMITS OF CONSTRUCTION	N/A	LOC
LIMITS OF DISTURBANCE	N/A	LOD
LIMITS OF SOD	N/A	SOD
OVER HEAD ELECTRIC	OE	OE
PROPERTY LINE		
PROPERTY LINE (ADJACENT)		N/A
RAIL ROAD TRACKS		
RIGHT OF WAY	R/W	R/W
SANITARY SEWER	S	S
SEDIMENT FENCE	N/A	SF
SLOPE DRAIN	N/A	SPD
SLUDGE RETURN LINE	SR	SR
STORM DRAIN	SD	SD
SWALE / DITCH LINE		
TELEPHONE	T	T
UNDERGROUND ELECTRIC	UE	UE
WATER	W	W
ASPHALT PAVEMENT (STANDARD)		
ASPHALT PAVEMENT (HEAVY DUTY)	N/A	
CONCRETE		
GRASS / SOD	N/A	
GRAVEL		
GRAVEL CONST. ENTRANCE	N/A	
PAVERS		
SEDIMENT TRAP	N/A	
SOIL		N/A
VELOCITY DISSIPATION / RIP RAP PROTECTION		
WETLAND AREA		
ACCESSIBLE RAMP		
AREA LIGHT		
BACK FLOW PREVENTION ASSEMBLY		
BEND	N/A	
BLOCK & GRAVEL INLET PROTECTION	N/A	
CHECK DAM	N/A	
CLEAN OUT		
CURB & GUTTER		
CURB & GUTTER (SPILL OFF)	N/A	
CURB INLET		
DROP INLET		
DUMPSTER UNIT		
ELECTRICAL TRANSFORMER		
FIRE HYDRANT ASSEMBLY		
FIRE DEPT. CONNECTION	N/A	
FLARED END SECTION		
GAS METER		
GAS VALVE		
GRADE BUBBLE (TOP-ELEVATION)	+100.00	100.00
GRADE BUBBLE (FINISH-GRADE)	+100.00	100.00
GUY WIRE		
HARDWARE CLOTH & GRAVEL	N/A	
HEAD WALL		
JUNCTION BOX		
LIFT STATION		
MAN HOLE		
NOTE BUBBLE (DEMOLITION)	N/A	0

	EXISTING	NEW
NOTE BUBBLE (GRADING)	N/A	
NOTE BUBBLE (SITE)	N/A	0
NOTE BUBBLE (UTILITY)	N/A	0
PLUG		
POROUS BAFFLES	N/A	
POST INDICATOR VALVE		
POWER / TELEPHONE POLE		
REDUCER / INCREASER		
RIDGE LINE	N/A	
ROCK PIPE INLET PROTECTION	N/A	
SIGNAGE		
TELEPHONE PEDESTAL		T
TREE / SHRUB		varies
TRENCH DRAIN		
WATER METER / VAULT		M
WATER VALVE		
WHEEL STOP		
YARD INLET		

PROJECT EROSION CONTROL MEASURES		NEW
TEMPORARY SEDIMENT FENCE	N/A	SF
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	N/A	
TEMPORARY SKIMMER BASIN WITH POROUS BAFFLES	N/A	
TEMPORARY DIVERSION SWALE	N/A	DB
TEMPORARY SEDIMENT TRAP WITH POROUS BAFFLES	N/A	
TREE PROTECTION FENCE	N/A	TF
SILT FENCE OUTLET	N/A	
TEMPORARY HARDWARE CLOTH & GRAVEL INLET PROTECTION	N/A	
VELOCITY DISSIPATION / RIP RAP PROTECTION	N/A	
ROCK PIPE INLET PROTECTION	N/A	

2 C-001 **LEGEND / KEY**
NO SCALE

Abbreviation:	Description:	Abbreviation:	Description:
A/C	AIR CONDITIONING	L	LENGTH, LEFT
ADJ	ADJACENT	LF	LINEAR FOOT
AFF	ABOVE FINISH FLOOR	LFT	LEFT
AL	AREA LIGHT		
APX	APPROXIMATE	MAX	MAXIMUM
ASBY	ASSEMBLY	MIN	MINIMUM
ASPH	ASPHALT	MISC	MISCELLANEOUS
AUTO	AUTOMATIC	MON	MONUMENT
B.O.	BLOW-OFF	NIC	NOT IN CONTRACT
B.V.	BALL VALVE	NTS	NOT TO SCALE
B/W	BETWEEN		
BFF	BELOW FINISH FLOOR	O.C.	ON CENTER
BLDG	BUILDING	O/H	OVER HEAD
BOC	BACK OF CURB		
BOW	BOTTOM OF WALL	PC	POINT OF CURVATURE
BX	BOX	PI	POINT OF INTERSECTION
		PIV	POST INDICATION VALVE
CF	CUBIC FOOT	P/L	PROPERTY LINE
CI	CURB INLET	PP	POWER POLE
CL	CENTER LINE	PT	POINT OF TANGENCY
CMS	CONCRETE MONUMENT SET	PVC	POLYVINYL CHLORIDE
CMU	CONCRETE MASONARY UNIT	PVMT	PAVEMENT
CONC	CONCRETE	R	RADIUS, RIGHT
CONSTR	CONSTRUCTION	R.J.	RESTRAINED JOINT
CONTR	CONTRACTOR	R/W	RIGHT OF WAY
CTI	CAST IRON	RCP	REINFORCED CONCRETE PIPE
CY	CUBIC YARD	RDCO	ROOF DRAIN CLEAN OUT
		RED	REDUCED
D	DEPTH	REM	REMOVE
DEMO	DEMOLISH (DEMOLITION)	RNF	REINFORCE
DI	DUCTILE IRON	RQD	REQUIRED
DIA	DIAMETER	RQMT	REQUIREMENT
DIM	DIMENSION	RT	RIGHT
DS	DOWNSPOUT		
DWG	DRAWING	RWM	RIGHT OF WAY MARKER
ECM	EXISTING CONCRETE MONUMENT	SCH	SCHEDULE
EIP	EXISTING IRON PIPE	SD	STORM DRAIN
EIS	EXISTING IRON STAKE	SDCO	STORM DRAIN CLEAN OUT
ELEC	ELECTRIC (ELECTRICALLY)	SDMH	STORM DRAIN MANHOLE
ELEV	ELEVATION	SED	SEDIMENT
ELMH	ELECTRICAL MANHOLE	SF	SQUARE FOOT
ENCL	ENCLOSURE	SLV	SLEEVE
EOC	EDGE OF CONCRETE	SPEC	SPECIFICATION
EOP	EDGE OF PAVEMENT	SQ	SQUARE
EQPT	EQUIPMENT	SS	SANITARY SEWER
ESMT	EASEMENT	SSCO	SANITARY SEWER CLEAN OUT
EX	EXISTING	SSMH	SANITARY SEWER MANHOLE
EXCV	EXCAVATE (EXCAVATION)	STA	STATION
EXT	EXTERIOR	STD	STANDARD
		STOR	STORAGE
FDC	FIRE DEPARTMENT CONNECTION		
FES	FLARED END SECTION	STSL	STAINLESS STEEL
FFE	FINISH FLOOR ELEVATION	SY	SQUARE YARD
FH	FIRE HYDRANT		
FIN	FINISH	TBM	TEMPORARY BENCHMARK
FLR	FLOOR	TEL	TELEPHONE
FNC	FENCE	TEMP	TEMPORARY
FO	FIBER OPTIC	THK	THICK
FOBX	FIBER OPTIC BOX	TMH	TELEPHONE MANHOLE
FOC	FACE OF CURB	TOG	TOP OF GRATE
FT	FOOT	TOH	TOP OF HOOD
FP	FLAG POLE		
		TOP	TOP ELEVATION
G.V.	GATE VALVE	TOW	TOP OF WALL
GA	GAUGE	TPED	TELEPHONE PEDESTAL
GALV	GALVANIZE	TS&V	TAPPING SADDLE & VALVE
GND	GROUND	TYP	TYPICAL
GRAV	GRAVEL		
		U/G	UNDER GROUND
HDPE	HIGH DENSITY POLYETHYLENE	UTIL	UTILITY
HORZ	HORIZONTAL		
HT	HEIGHT	VAL	VALVE
HVAC	HEATING / VENTILATIING / A/C	VERT	VERTICAL
HVD	HEAVY DUTY		
HW	HEAD WALL	W/	WITH
		W/O	WITHOUT
IN	INCH	WL	WATER LINE
INT	INTERIOR	WM	WATER MAIN, WATER METER
INV	INVERT	WSE	WATER SERVICE ELEVATION
ISS	IRON STAKE SET	WWF	WELDED WIRE FABRIC
		YI	YARD INLET
JB	JUNCTION BOX		
JNT	JOINT		

1 C-001 **ABBREVIATIONS**
NO SCALE

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 DONALD CRAWFORD WHITE 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE:	06/12/24
PROJECT #:	2205
CAD TECH.:	ILB
CHECKED BY:	FDC

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GENERAL NOTES, LEGEND, & ABBREVIATIONS

C-001

VICINITY MAP (N.T.S.)

NORTH ORIENTED TO NAD 83 GRID

DEMOLITON NOTES

1. DEMOLISH EX. BLDG. & ASSOCIATED COMPONENTS.
2. DEMOLISH EX. CONCRETE/BRICK & ASSOCIATED COMPONENTS.
3. DEMOLISH EX. ASPHALT,CURBING & ASSOCIATED COMPONENTS.
4. REMOVE EX. TRANSFORMER; COORDINATE WITH APPROPRIATE UTILITY
5. REMOVE EX. SS CLEANOUT IN ACCORDANCE WITH ALL APPLICABLE CITY, STATE AND COUNTY REGULATIONS.
6. REMOVE EX. SIGN & ASSOCIATED COMPONENTS.
7. REMOVE EX. LIGHT/POWER POLES & ASSOCIATED COMPONENTS.
8. REMOVE FIBER OPTIC OR TEL. BOX. COORD. WITH APPROPRIATE UTILITY
9. REMOVE OR RELOCATE UNDERGROUND ELECTRIC IN COORDINATION WITH UTILITY.
10. REMOVE OR RELOCATE EX. GAS LINES AND VALVES IN COORDINATION WITH UTILITY.
11. REMOVE FENCING.
12. REMOVE EX. INLETS AND/OR PIPES
13. REMOVE EX. SSMH IN ACCORDANCE W/ ALL APPLICABLE CITY, STATE AND COUNTY REGULATIONS.
14. REMOVE EX. WATER VALVE.
15. REMOVE EX. STRIPING.

ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON THE INDEX SHEET SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS A BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.80'.
3. THESE PLANS INDICATE THE MAJOR DEMOLITION COMPONENTS TO BE REMOVED AND/OR, RELOCATED. HOWEVER, THE CONTRACTOR SHALL DEMOLISH AND/OR RELOCATE ALL MISCELLANEOUS COMPONENTS NOT SPECIFICALLY INDICATED ON THESE PLANS TO PROVIDE A CLEAN SITE FOR THE INSTALLATION OF THE NEW IMPROVEMENTS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TREE PROTECTION FENCING AROUND ALL "AT-RISK" TREES WITHIN THE VICINITY OF THE CONSTRUCTION ACTIVITY WHETHER SPECIFICALLY INDICATED ON THE PLANS OR NOT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER DEVELOPMENT ACTIVITIES, AND SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT UNTIL FINAL SITE INSPECTION. REFER TO CONSTRUCTION PLAN DETAIL SHEETS FOR TREE PROTECTION DETAIL(S).
5. CONTRACTOR SHALL USE EXTREME CARE IN THE VICINITY OF EXISTING TREES THAT ARE TO REMAIN WITHIN THE PARKING IMPROVEMENTS. CONTRACTOR SHALL UTILIZE CONSTRUCTION AND PROTECTION PRACTICES THAT WILL REDUCE THE POSSIBILITY OF DAMAGE TO THE ROOT SYSTEM, TRUNK, BRANCHES, AND OTHER SENSITIVE AREAS.

STORM STRUCTURE TABLE

STRUCTURE	RIM (BOC)	TOP GRATE	INV IN	FROM	SIZE	INV OUT	TO	SIZE
CB1	9.66'		5.64'	P1	18"RCP	5.47'	YI9	18"RCP
			5.57'	CB12	18"RCP			
CB2	10.71'		4.97'	CB3	30"RCP	4.84'	30"RCP	CP18/30
CB3	10.92'		4.96'	CB4	30"RCP	4.67'		30"RCP
			4.92'	YI7	15"RCP			
CB4	11.07'		5.61'	CB5	30"RCP	5.55'	CB3	30"RCP
			5.76'	YI8	12"RCP			
CB5	11.30'		5.73'	CB4	30"RCP	5.66'	CB6	30"RCP
			5.82'	YI5	12"RCP			
CB6	11.56'		5.90'	CB7	30"RCP	5.84'	CB5	30"RCP
CB7	11.67'		6.05'	CB8	30"RCP	5.95'	CB5	30"RCP
			6.06'	YI4	12"RCP			
CB8	11.63'		6.03'	FULL OF	WATER			
CB9	11.43'		6.21'	FULL OF	WATER			
CB10	11.56'		6.32'	FULL OF	WATER			
CB11	11.48'		6.07'	FULL OF	WATER			
CB12	9.94'		5.96'	YI13	12"RCP	5.76'	CB1	12"RCP
CB13	9.83'		6.33'	YI01	12"RCP	6.13'	CP13/12	12"RCP
YI1		9.99'				7.10'	CB10	12"RCP
YI2		9.80'				6.67'	CB9	12"RCP
YI3		9.39'				6.89'	CB6	12"RCP
YI4		8.69'				6.13'	CB7	12"RCP
YI5		8.70'				6.38'	CB5	12"RCP
YI6		9.67'				6.48'	CB4	12"RCP
YI7		7.95'	5.01'	YI8	15"RCP	5.92'	CB3	15"RCP
YI8		8.44'	5.01'	CB1	18"RCP	4.88'	CB2	18"RCP
YI9		9.53'	5.85'	YI10	12"RCP	5.72'	YI7	12"RCP
YI10		9.49'	5.96'	YI11	12"RCP	5.86'	YI8	15"RCP
YI11		9.20'	7.50'	YI12	15"RCP	7.34'	YI10	15"RCP
YI12		8.83'	6.25'	YI13	15"RCP	6.22'	YI11	12"RCP
YI13		9.62'	6.77'	YI14	18"RCP	6.56'	YI12	12"RCP
YI14		10.03'	6.95'	YI02	12"PVC	6.82'	YI12	18"RCP
YI15		9.85'	6.64'	YI16	18"RCP	6.42'	CB12	18"RCP
YI16		9.31'	7.05'	YI17	15"RCP	6.94'	YI15	15"RCP
YI17		9.17'	7.20'	YI18	15"RCP	7.10'	YI16	18"RCP
YI18		9.61'	7.32'	P2	15"RCP	7.22'	YI17	18"RCP
YI19		10.32'	8.52'	FULL OF	WATER			
YI20		10.48'	8.89'	FULL OF	WATER			
YI21		10.94'		RACO/SEBLE		CONC LID		
YI22		10.12'	7.74'	BLDG	12"PVC	7.71'	YI14	12"PVC
YI23		9.39'	7.84'	BLDG	6"CLAY	7.56'	?	12"RCP
			7.56'	BLDG	12"RCP			
YI24		9.86'				8.36'	?	10"PVC
YI25		9.52'	7.55'	YI46	12"RCP	6.84'	YI26	12"RCP
YI26		9.15'	6.84'			6.60'		
YI27		8.86'	7.27'	YI28	12"RCP	7.01'	P8	15"RCP
YI28		9.62'				8.69'	?	4"PVC
YI29		7.87'				6.48'	P8	12"D
YI30		8.21'				7.13'	YI31	12"METAL
YI31		8.11'	6.82'	YI30	12"METAL	6.86'	P10	18"RCP
YI32		10.09'	8.94'	BLDG	12"PVC	8.83'	YI33	6"CLAY
YI33		10.39'	9.23'	YI34	6"CLAY	9.20'	YI32	6"CLAY
YI34		10.36'	8.98'	YI33	6"CLAY	8.94'	YI35	12"RCP
YI35		10.67'	8.94'	YI39	12"RCP	8.57'	YI36	15"RCP
			8.36'	YI50	12"RCP			
YI36		10.56'	8.38'	YI38	12"RCP	8.07'	?	15"RCP
			8.17'	YI36	12"RCP			
YI37		10.66'		FULL OF	WATER			
YI38		10.72'	8.66'	YI41	12"RCP	8.62'	YI36	12"RCP
YI39		10.57'	8.93'	YI40	6"PVC			6"PVC
			8.56'	YI42	12"RCP	8.51'	YI35	12"RCP
YI40		10.56'	9.23'	BLDG	6"CLAY	9.05'	YI39	6"RCP
YI41		10.72'				8.10'	YI38	12"RCP
YI42		10.72'	8.11'	YI43	6"PVC	8.62'	YI39	6"RCP
YI43		10.81'	8.11'	YI44	6"PVC	8.10'	YI42	6"RCP
YI44		11.14'	9.03'	YI45	6"RCP	8.02'	YI43	6"RCP
YI45		10.92'	8.28'	?	6"RCP	8.23'	YI44	6"RCP
YI46		7.40'		FULL OF	WATER			
YI47		8.38'		FULL OF	WATER			
YI48		7.67'	YI49	10"RCP		7.57'	YI47	15"RCP
YI49						8.09'	YI48	10"RCP
YI50		10.89'	8.81'	YI34	12"RCP	8.63'	YI35	12"RCP
YI51						8.49'	CB13	12"RCP
FD1		10.40'	8.12'	BLDG	6"CI	8.62'	?	6"PVC
FD2		10.57'	9.29'	BLDG	6"CI	8.99'	?	6"PVC
FD3		10.84'	8.97'	BLDG	6"PVC	8.83'	?	6"CI
FD4		11.11'	9.45'	BLDG	6"CLAY	9.07'	?	6"PVC

SEWER STRUCTURE TABLE

STRUCTURE	RIM	INV IN	FROM	SIZE	INV OUT	TO	SIZE
SSMH1	8.50'	4.47'					
SSMH2	9.13'	4.38' *					
SSMH3	9.42'	4.59' *					
SSMH4	8.92'	4.51' *					
SSMH5	11.89'	7.59'	BLDG	4"PVC			
					7.14'	?	6"PVC
SSMH6	11.39'	6.63' *					
SB1	11.44'	7.06' *		8"METAL	6.01' *		
		7.05' *		8"METAL			
SB2	11.44'	4.72' *					
SSMH7	11.42'	5.22' *		8"PVC	-1.19'		
SSMH8	11.42'	2.28' *		8"PVC			
SSMH9	11.53'	8.10' *		10"METAL			
		7.67' *		8"PVC			
		7.69' *		3"PVC			
		5.99' *		8"PVC			
		6.07' *		8"PVC			
SSMH10	11.42'	2.13' *					
SSMH11	10.08'	4.74' *					
		5.58' *					
SSMH12	11.70'	1.68' *					
SSMH13	10.72'	3.62' *					
SSMH14	10.72'	8.52' *		4"CI			
SSMH15	10.66'	2.13'		8"PVC			
		-1.94' *					
SSMH16	10.49'	2.09'		8"PVC			
		-3.66' *					
SSMH17	10.47'	2.94'		8"PVC			
		-3.07' *					
SSMH18	10.07'	3.69' *					
SSMH19	10.18'	5.77' *		8"PVC			
		1.77' *					
SSMH20	10.08'	1.77' *					
SSMH21	10.47'	6.89'		4"METAL			
		3.21' *					
SSMH22	11.04'						
SSMH23	11.45'						
SSMH24	10.81'	7.10'		12"METAL			

* BOTTOM OF STRUCTURE + TOP OF PIPE # TOP OF VALVE

STRUCTURE	RIM (BOC)	TOP GRATE	INV IN	FROM	SIZE	INV OUT	TO	SIZE
P1						5.46'	YI8	15"RCP
P2						7.69'	YI18	15"RCP
P3		8.08'			15"RCP			
P4		8.23'			15"RCP			
P5		8.07'			15"RCP			
P6		7.92'			15"RCP			
P7						8.44'	YI19	12"RCP
P8						7.44'	YI27	15"RCP
P9		8.24'	YI29		18"CI			
P10		8.52'	YI31		18"STEEL			
P11		8.80'	P12		18"RCP			
P12						8.69'	P13	18"RCP
P13		8.87'	P14		15"RCP			
P14						7.21'	P15	15"RCP
P15						7.28'	P16	15"RCP
P16		7.02'	P15		15"RCP			
P17						7.34'	P18	12"TC
P18		7.31'	P17		18"TC			
P19						7.73'	P20	15"RCP
P20		7.58'	P19		15"RCP			
P21		7.98'	P22		15"RCP			
P22						8.14'	P21	15"RCP
P23						7.50'	P24	12"CLAY
P24		7.48'	P23		12"CLAY			
P25						7.48'	P26	15"RCP
P26		7.22'	P25		15"RCP			
P27						7.22'	P28	15"RCP
P28		7.16'	P27		15"RCP			
P29						8.35'	P30	12"RCP
P30		7.39'	P29		12"RCP			
P31		7.58'	?		12"RCP			
P32		8.45'	?		18"RCP			
P33		8.82'	P34		15"RCP			
P34						8.70'	P33	15"RCP
P35		9.02'	P36		12"RCP			
P36						8.09'	P35	12"RCP
P37						8.43'	P38	12"RCP
P38		8.41'	P37		18"RCP			
P39						8.04'	P40	18"RCP
P40		7.74'	P39		15"RCP			
P41		8.57'	P42		15"RCP			
P42						8.72'	P41	15"RCP
P43						8.88'	P44	18"RCP
P44		8.65'	P43		18"RCP			
P45						7.74'	P46	18"RCP
P46		7.41'	P45		18"RCP			
P47		8.89'	P48		15"RCP			
P48						8.71'	P47	15"RCP
P49						4.29'	OPEN'S'E	36"RCP
P50						8.32'	P51	18"RCP
P51		8.23'	P50		18"RCP			
P52						8.21'	P53	36"RCP
P53		8.39'	P52		36"RCP			

BOUNDARY LINE TABLE

LINE	BEARING	DISTANCE
L1	N24°03'27"E	45.67'
L2	S88°02'15"E	31.91'
L3	N87°56'29"E	22.09'
L4	S09°49'47"W	98.10'
L5	S78°31'08"E	15.48'

CONTROL TABLE

POINT	NORTHING*	EASTING*	ELEV#
EMN1	513,365.5052	2,663,470.3147	12.21'
EMN2	513,381.4464	2,663,680.1555	11.89'
EMN3	513,377.5134	2,663,942.5416	12.28'
EMN4	513,791.9149	2,663,464.8524	11.52'
EMN5	514,059.8846	2,663,462.9373	11.29'
NCGS PAMB	514,442.7375	2,663,741.6434	10.85'

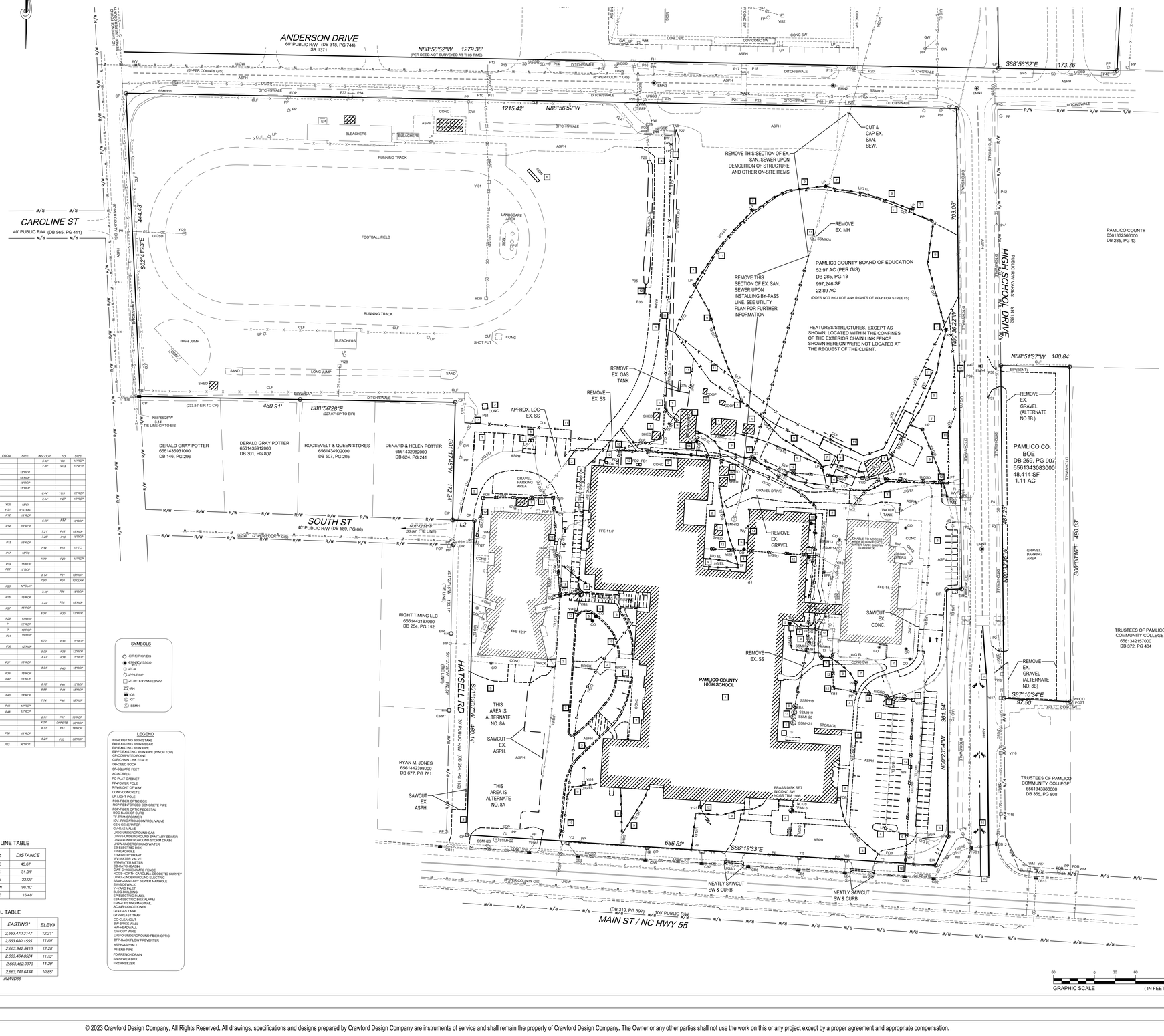
*NAD 83(2011) #NAVD88

SYMBOLS

- IDR/EIR/CP/EIS
- EMN/VC/SSCO
- IECM
- PIV/PUP
- PO/BT/YI/WM/EB/WV
- FH
- GW
- GT
- SSMH

LEGEND

EIS=EXISTING IRON STAKE
EIR=EXISTING IRON REBAR
EIP=EXISTING IRON PIPE
EPP=EXISTING POWER POLE (PINCH TOP)
CP=COMPUTED POINT
CLF=CHAIN LINK FENCE
DB=DEED BOOK
SF=SQUARE FEET
AC=ACRE(S)
PC=PLAT CABINET
PP=POWER POLE
R/W=RIGHT OF WAY
CONC=CONCRETE
LP=LIGHT POLE
FOB=FIBER OPTIC BOX
RCP=REINFORCED CONCRETE PIPE
FOP=FIBER OPTIC PEDESTAL
TEL=TELEPHONE
TF=TRANSFORMER
ICV=IRRIGATION CONTROL VALVE
GEN=GENERATOR
GV=GAS VALVE
UGG=UNDERGROUND GAS
UGSS=UNDERGROUND SANITARY SEWER
UGSD=UNDERGROUND STORM DRAIN
UGW=UNDERGROUND WATER
EB=ELECTRIC BOX
EM=ELECTRIC
FM=IRE HYDRANT
WV=WATER VALVE
WM=WATER METER
CB=CATCH BASIN
WF=WOOD PRIVACY FENCE
NCGS=NORTH CAROLINA GEODETIC SURVEY
UGE=UNDERGROUND ELECTRIC
SSMH=SANITARY SEWER MANHOLE
SW=SIDEWALK
BLDG=BUILDING
BLDG=BUILDING
EP=ELECTRIC PANEL
EBA=ELECTRIC BOX ALARM
EMN=DISTING MAG NAIL
AC=AIR CONDITIONER
GT=GREASE TRAP
CA=AREA DRAIN
CO=CLEANOUT
BW=BRICK WALL
HH=HEADWALL
GW=GUY WIRE
UGFO=UNDERGROUND FIBER OPTIC
BFP=BACK FLOW PREVENTER
ASPH=ASPHALT
FI=END PIPE
FD=FRENCH DRAIN
SS=SEWER BOX
FRZ=FREEZER



GRAPHIC SCALE (IN FEET) 60 0 30 60 120 240 — 1 inch = 60 ft.

1 C-100 **DEMOLITION PLAN** 1" - 60'

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 FRANK D. CRAWFORD, III 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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DEMOLITION PLAN

C-100

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VICINITY MAP (N.T.S.)

PARKING TABULATION:

PARKING NEEDS:

STUDENT:	117 SPACES
FACULTY/STAFF:	110 SPACES
VISITOR:	10 SPACES
TOTAL:	237 SPACES

TOTAL SPACES PROVIDED:

STUDENT:	151
FACULTY/STAFF:	114
VISITOR:	10
TOTAL	275

ADA SPACES REQUIRED: 201 TO 300 = 7

ADA SPACES PROVIDED: 15 - ALL VAN ACCESSIBLE

BUS PARKING: 18 SPACES

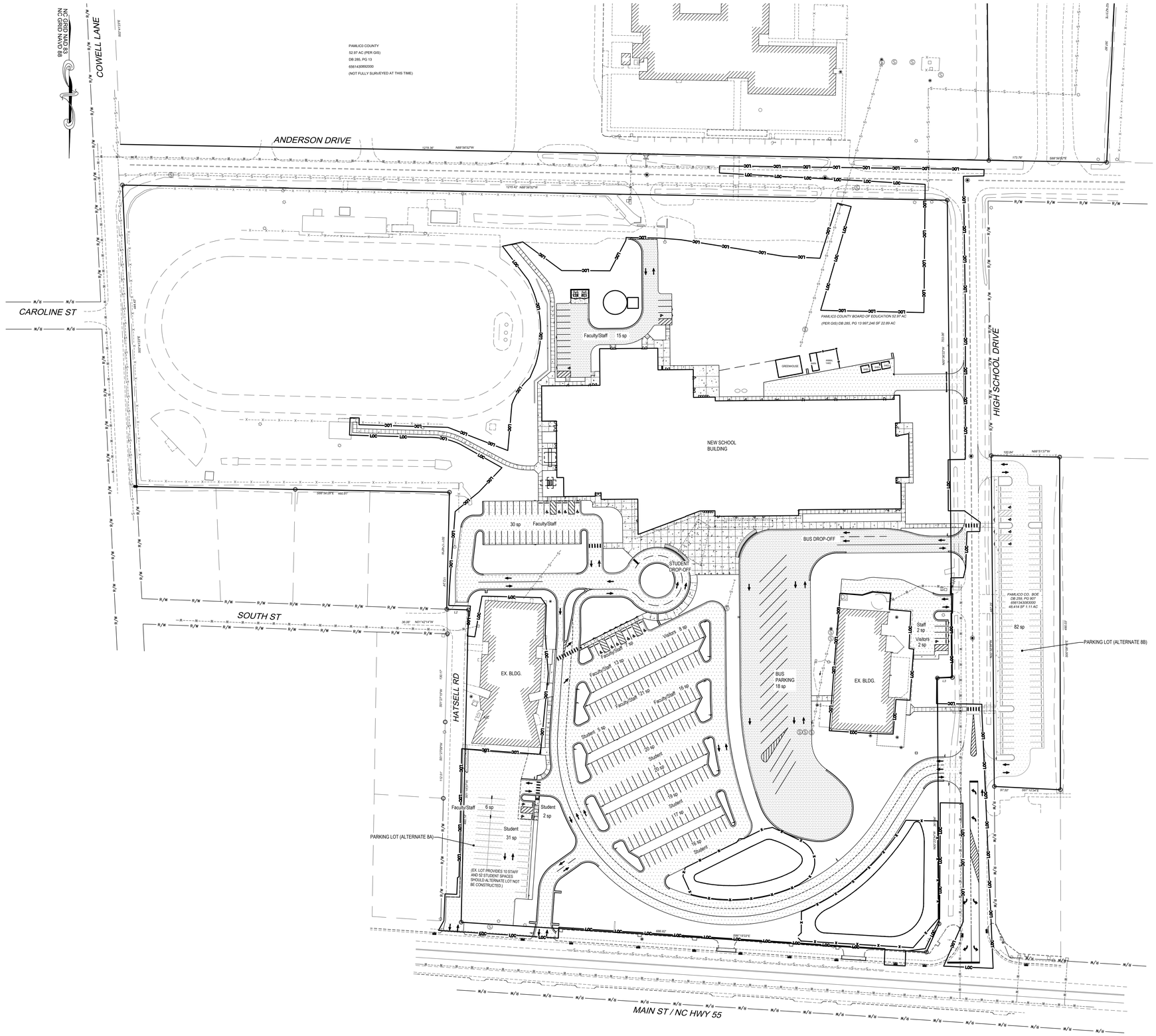
BOUNDARY LINE TABLE

LINE	BEARING	DISTANCE
L1	N24°03'27"E	45.67'
L2	S88°02'15"E	31.91'
L3	N87°56'29"E	22.09'
L4	S09°49'47"W	98.10'
L5	S78°31'08"E	15.48'

CONTROL TABLE

POINT	NORTHING*	EASTING*	ELEV#
EMN1	513,385.5052	2,663,470.3147	12.21'
EMN2	513,381.4464	2,663,680.1555	11.89'
EMN3	513,377.5134	2,663,942.5416	12.28'
EMN4	513,791.9149	2,663,464.8524	11.52'
EMN5	514,059.8846	2,663,462.9373	11.29'
NCGS PAM6	514,442.7375	2,663,741.6434	10.85'

*NAD 83(2011) #NAVD88



GRAPHIC SCALE (IN FEET) 1 inch = 60 ft.

1 OVERALL SITE PLAN
C-200 1" - 60'

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NORTH CAROLINA Landscape Architecture 1020 REGISTERED CRAWFORD 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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OVERALL SITE PLAN

C-200

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VICINITY MAP (N.T.S.)

SITE NOTES

1. HEAVY DUTY ASPHALT PAVEMENT. SEE SHT. C-502, #8.
2. PAINT STRIPES. SEE SHT. C-501, #4.
3. STANDARD CONCRETE SIDEWALK. SEE SHT. C-502, #4.
4. NOT USED
5. ACCESSIBLE RAMP NON-WING TYPE. SEE SHT. C-501, #7.
6. ACCESSIBLE RAMP - IN-LINE TYPE. SEE SHT. C-501, #13.
7. CONCRETE WHEEL STOP- FLUMED. SEE SHT. C-502, #10.
8. HIGH VISIBILITY PEDESTRIAN CROSSWALK STRIPING. SEE SHT. C-502, #2.
9. VAN ACCESSIBLE PARKING SPACE STRIPING & SIGNAGE w/ 1.5-IN, 12-GAUGE, PERFORATED STEEL POST PER M.U.T.C.D. & BUILDING CODE RQMTS. SEE SHT. C-501, #4.
10. TRAFFIC ARROWS. SEE SHT. C-502, #6.
11. DUMPSTER ENCLOSURE. SEE SHT. C-503,#1.
12. 18-IN TRAFFIC "STOP" SIGN w/ 1.5-IN, 12-GAUGE, PERFORATED STEEL POST PER M.U.T.C.D. RQMTS. SEE SHT. C-501, #2.
13. STOP BAR. SEE SHT. C-502, #3.
14. STD. 2' CURB AND GUTTER. SEE SHT. C-502, #1.
15. PARKING INFORMATION SIGNS, SEE OVERALL SITE PLAN FOR PARKING DESIGNATIONS. SEE SHT. C-502, #9.
16. ASPHALT PAVEMENT. SEE SHEET C-501, #10.
17. SIDEWALK ADJ TO C&G. SEE SHT. C-502, #13.
18. CANOPY SEE ARCHITECTURAL PLANS
19. PAINTED ISLAND STRIPING. SEE SHT. C-501, #4 FOR PAINT TYPE AND SPACING.
20. LANE STRIPING. SEE SHT. C-502, #11.
21. CENTERLINE STRIPING. SEE SHT. C-502, #12.
22. CURB TAPER. SEE SHT. C-502, #15.
23. BLACK VINYL COATED CHAIN LINK FENCE, SEE SHT. C-501, #15.
24. SIDEWALK FLUME. SEE SHT. C-502, #7.
25. CONCRETE FLUME. SEE SHT. C-500, #9.
26. DECORATIVE CONC. BOLLARD. SEE SHT. C-502, #14.
27. CONCRETE SWALE. SEE SHT. C-503, #2.
28. SEGMENTAL CONCRETE BLOCK WALL W/ GUARDRAIL, SEE SHT. C-503, #3 & #5.

ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON THE TITLE PAGE SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS A BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.85'.

CONTROL TABLE

POINT	NORTHING*	EASTING*	ELEV#
EMN1	513,385.5052	2,663,470.3147	12.21'
EMN2	513,381.4464	2,663,680.1555	11.89'
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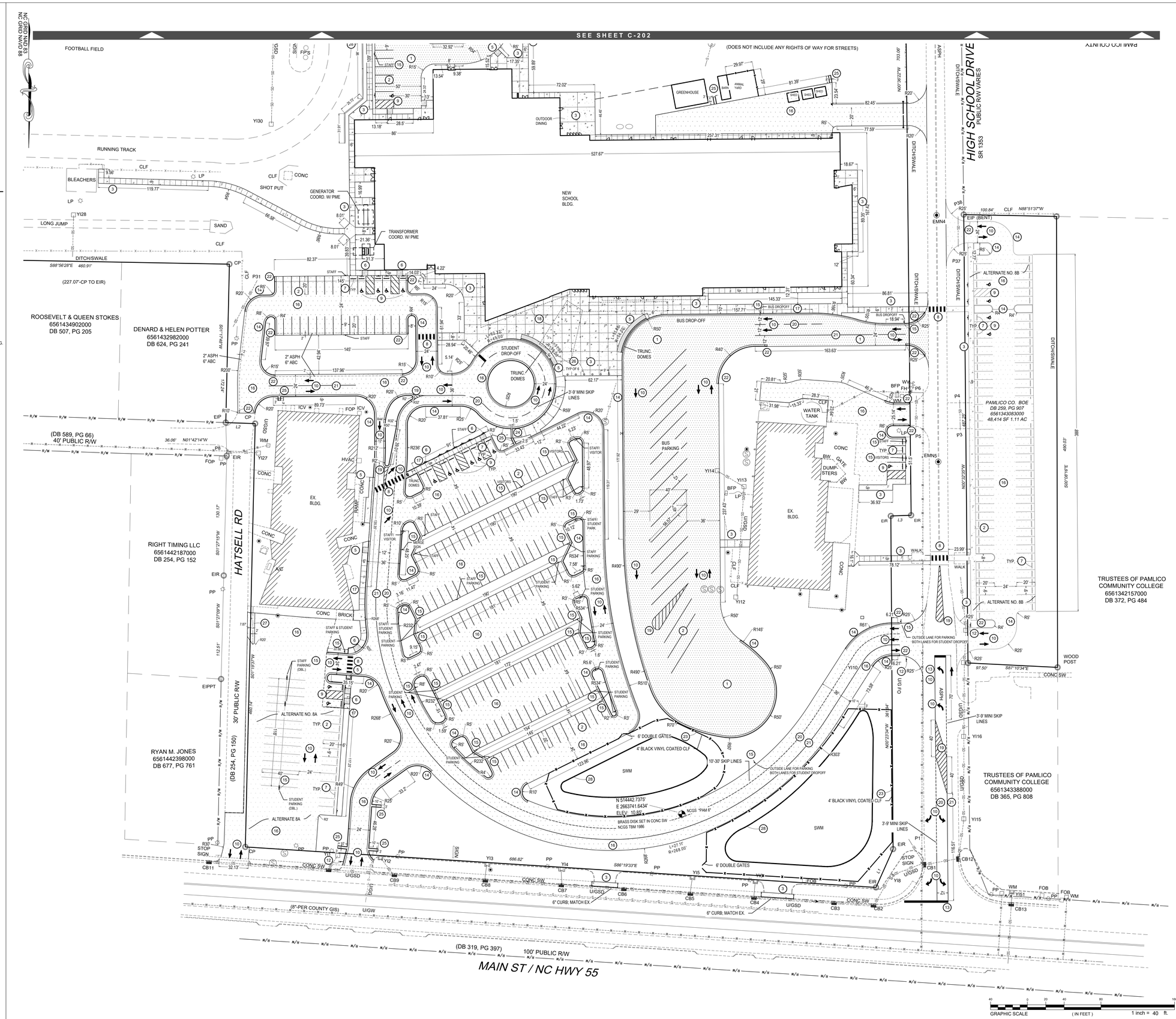
*NAD 83(2011) #NAVD88



GRAPHIC SCALE (IN FEET) 1 inch = 40 ft.

1 C-201 **SITE PLAN** 1" = 40'

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 ROBERT D. CRAWFORD, JR. 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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SITE PLAN

C-201

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VICINITY MAP (N.T.S.)

NC GRID NAD 83

SITE NOTES

1. HEAVY DUTY ASPHALT PAVEMENT. SEE SHT. C-502, #8.
2. PAINT STRIPES. SEE SHT. C-501, #4.
3. STANDARD CONCRETE SIDEWALK. SEE SHT. C-502, #4.
4. NOT USED
5. ACCESSIBLE RAMP NON-WING TYPE. SEE SHT. C-501, #7.
6. ACCESSIBLE RAMP - IN-LINE TYPE. SEE SHT. C-501, #13.
7. CONCRETE WHEEL STOP- FLUMED. SEE SHT. C-502, #10.
8. HIGH VISIBILITY PEDESTRIAN CROSSWALK STRIPING. SEE SHT. C-502, #2.
9. VAN ACCESSIBLE PARKING SPACE STRIPING & SIGNAGE w/ 1.5-IN, 12-GAUGE. PERFORATED STEEL POST PER M.U.T.C.D. & BUILDING CODE RQMTS. SEE SHT. C-501, #4.
10. TRAFFIC ARROWS. SEE SHT. C-502, #6.
11. DUMPSTER ENCLOSURE. SEE SHT. C-503,#1.
12. 18-IN TRAFFIC "STOP" SIGN w/ 1.5-IN, 12-GAUGE. PERFORATED STEEL POST PER M.U.T.C.D. RQMTS. SEE SHT. C-501, #2.
13. STOP BAR. SEE SHT. C-502, #3.
14. STD. 2' CURB AND GUTTER. SEE SHT. C-502, #1.
15. PARKING INFORMATION SIGNS, SEE OVERALL SITE PLAN FOR PARKING DESIGNATIONS. SEE SHT. C-502, #9.
16. ASPHALT PAVEMENT. SEE SHEET C-501, #10.
17. SIDEWALK ADJ TO C&G. SEE SHT. C-502, #13.
18. CANOPY SEE ARCHITECTURAL PLANS
19. PAINTED ISLAND STRIPING. SEE SHT. C-501, #4 FOR PAINT TYPE AND SPACING.
20. LANE STRIPING. SEE SHT. C-502, #11.
21. CENTERLINE STRIPING. SEE SHT. C-502, #12.
22. CURB TAPER. SEE SHT. C-502, #15.
23. BLACK VINYL COATED CHAIN LINK FENCE, SEE SHT. C-501, #15.
24. SIDEWALK FLUME. SEE SHT. C-502, #7.
25. CONCRETE FLUME. SEE SHT. C-500, #9.
26. DECORATIVE CONC. BOLLARD. SEE SHT. C-502, #14.
27. CONCRETE SWALE. SEE SHT. C-503, #2.
28. SEGMENTAL CONCRETE BLOCK WALL W/ GUARDRAIL, SEE SHT. C-503, #3 & #5.

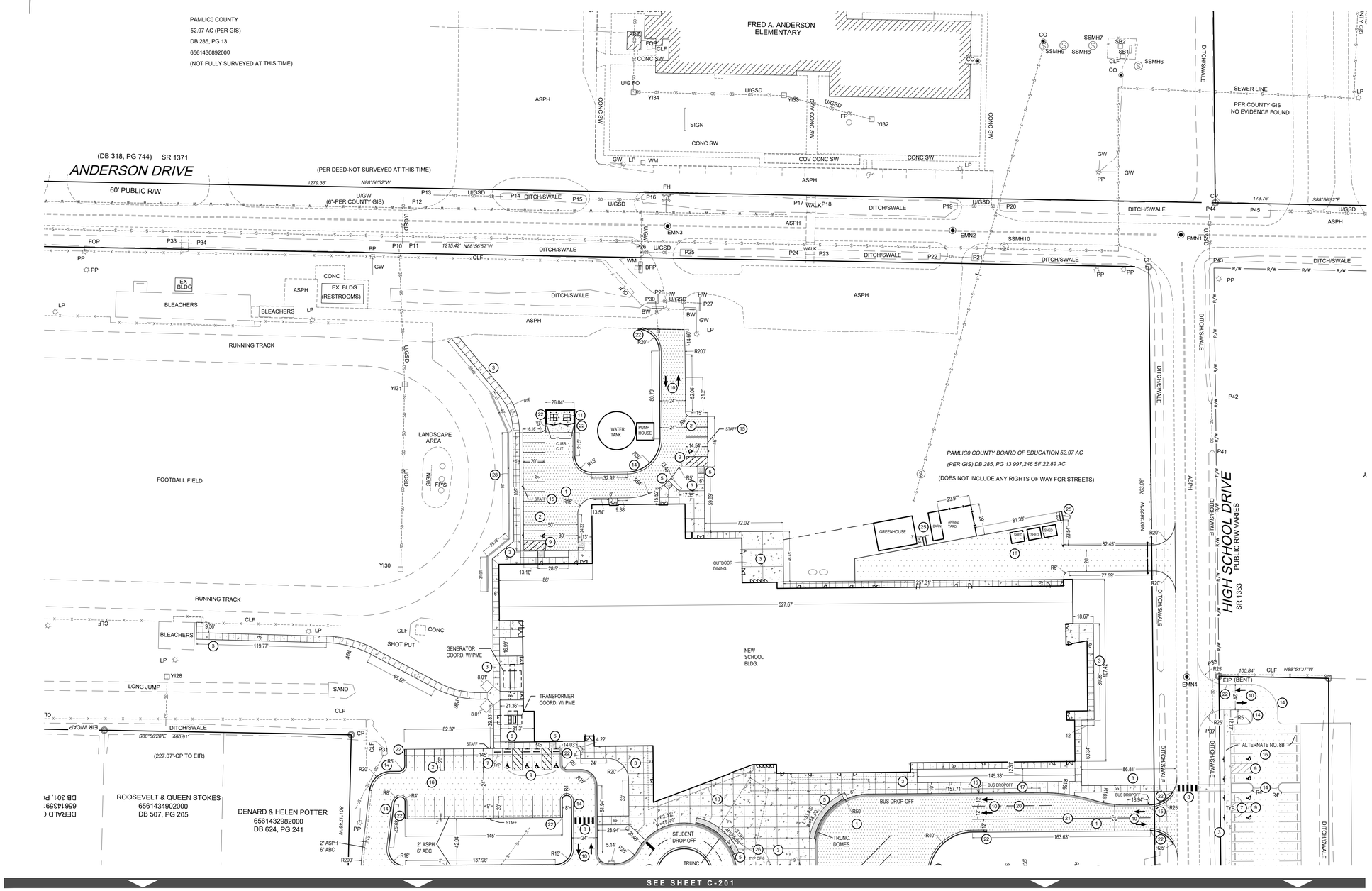
ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON THE TITLE PAGE SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS A BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.85'.

CONTROL TABLE

POINT	NORTHING*	EASTING*	ELEV#
EMN1	513,385.5052	2,663,470.3147	12.21'
EMN2	513,381.4464	2,663,680.1555	11.89'
EMN3	513,377.5134	2,663,942.5416	12.28'
EMN4	513,791.9149	2,663,464.8524	11.52'
EMN5	514,059.8846	2,663,462.9373	11.29'
NCGS PAM6	514,442.7375	2,663,741.6434	10.85'

*NAD 83(2011) #NAVD88



GRAPHIC SCALE (IN FEET) 1 inch = 40 ft.

1 SITE PLAN
C-202 1" = 40'

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Voice 910-221-0033 ▪ Fax 910-221-0035
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WILLIAM D. CRAWFORD, JR. 1020 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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SITE PLAN

C-202

VICINITY MAP (N.T.S.)

STORMWATER REQUIREMENTS:

SITE DRAINS TO SOUTH PRONG OF BAY RIVER, INDEX # 27-150-3, BAY RIVER IS A TIDAL SALT WATER (SC, Sw) AND NUTRIENT SENSITIVE WATER (NSW), AND IS PART OF THE NEUSE RIVER BASIN.

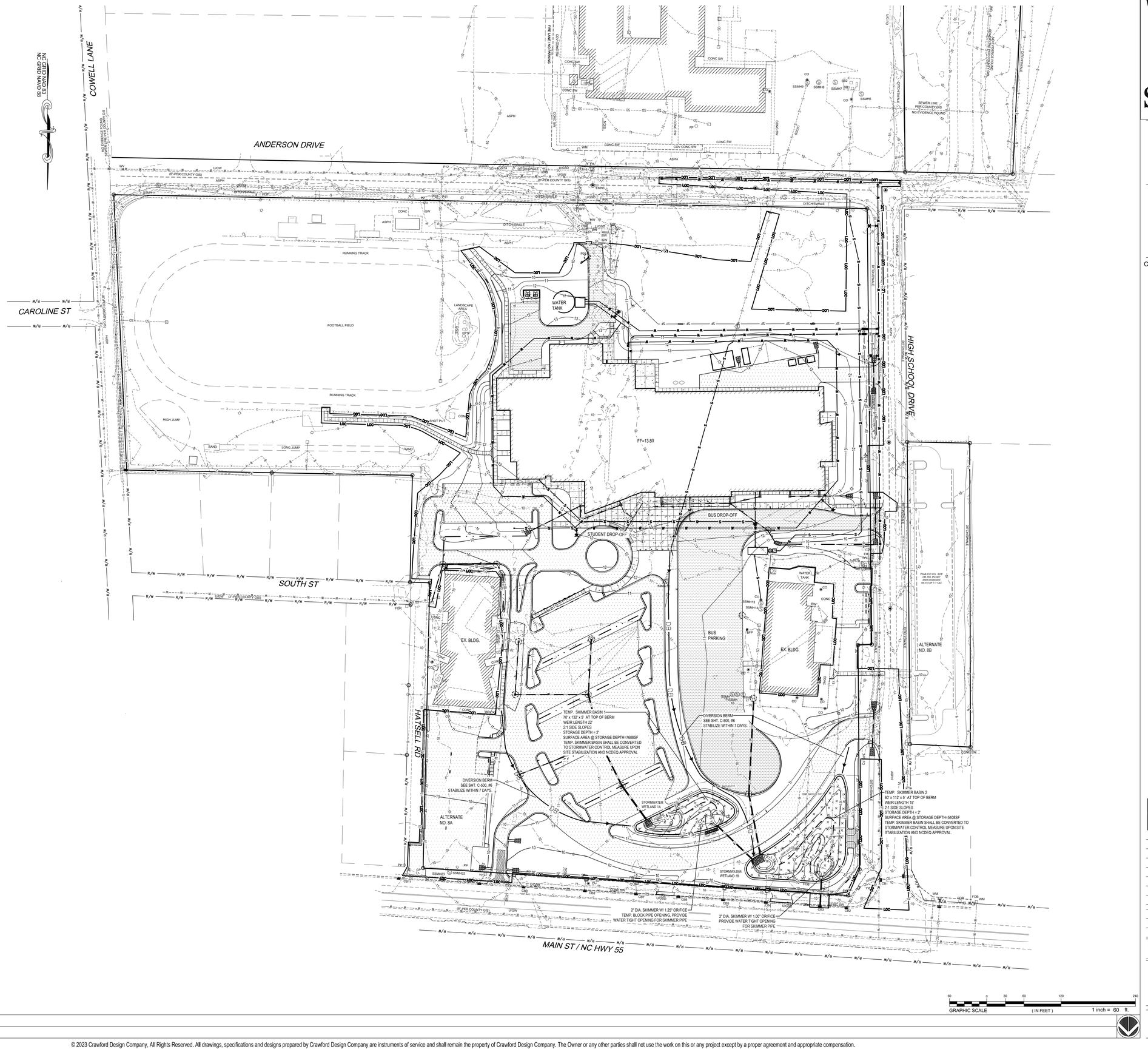
SEE GRADING PLAN SHEETS FOR ADDITIONAL EROSION CONTROL MEASURES.

PIPE TABLE

STRUCTURE	RIM (BOC)	TOP GRATE	INV-IN	FROM	SIZE	INV-OUT	TO	SIZE
P1						5.46'	Y18	15"RCP
P2						7.89'	Y118	15"RCP
P3			8.08'		15"RCP			
P4			8.23'		15"RCP			
P5			8.01'		15"RCP			
P6			7.91'		15"RCP			
P7						8.44'	Y119	12"RCP
P8						7.44'	Y127	15"RCP
P9			6.24'	Y29	18"CI			
P10			6.52'	Y31	18"STEEL			
P11			6.66'	P12	18"RCP			
P12						6.89'	P11	18"RCP
P13			6.97'	P14	15"RCP			
P14						7.21'	P13	15"RCP
P15						7.29'	P16	15"RCP
P16			7.02'	P15	15"RCP			
P17						7.34'	P18	12"TC
P18			7.31'	P17	18"TC			
P19						7.73'	P20	15"RCP
P20			7.55'	P19	15"RCP			
P21			7.98'	P22	15"RCP			
P22						8.14'	P21	15"RCP
P23						7.50'	P24	12"CLAY
P24			7.46'	P23	12"CLAY			
P25						7.45'	P26	15"RCP
P26			7.33'	P25	15"RCP			
P27						7.27'	P28	15"RCP
P28			7.16'	P27	15"RCP			
P29						8.35'	P30	12"RCP
P30			7.39'	P29	12"RCP			
P31			7.59'	?	12"RCP			
P32			5.45'	?	18"RCP			
P33			6.62'	P34	15"RCP			
P34						6.70'	P33	15"RCP
P35			9.02'	P36	12"RCP			
P36						9.09'	P35	12"RCP
P37						8.43'	P38	15"RCP
P38			8.41'	P37	15"RCP			
P39						8.04'	P40	15"RCP
P40			7.74'	P39	15"RCP			
P41			8.57'	P42	15"RCP			
P42						8.70'	P41	15"RCP
P43						8.88'	P44	18"RCP
P44			8.65'	P43	18"RCP			
P45						7.74'	P46	18"RCP
P46			7.41'	P45	15"RCP			
P47			6.69'	P48	15"RCP			
P48						6.71'	P47	15"RCP
P49						4.29'	OFFSITE	36"RCP
P50						6.32'	P51	15"RCP
P51			6.23'	P50	18"RCP			
P52						6.21'	P53	36"RCP
P53			6.20'	P52	36"RCP			

STORM STRUCTURE TABLE

STRUCTURE	RIM (BOC)	TOP GRATE	INV-IN	FROM	SIZE	INV-OUT	TO	SIZE
CB1	9.99'		5.64'	P1	18"RCP	5.47'	Y18	18"RCP
			5.97'	CB12	12"RCP			
CB2	10.71'		4.87'	CB3	30"RCP	4.84'	30"RCP	OFFSITE
CB3	10.62'		4.96'	CB4	30"RCP	4.67'	CB2	30"RCP
			4.80'	Y17	12"RCP			
CB4	11.07'		5.81'	CB5	30"RCP	5.55'	CB3	30"RCP
			5.79'	Y18	12"RCP			
CB5	11.30'		5.72'	CB4	30"RCP	5.66'	CB6	30"RCP
			5.82'	Y15	12"RCP			
CB6	11.56'		5.91'	CB7	30"RCP	5.56'	CB5	30"RCP
CB7	11.67'		6.09'	CB8	30"RCP	5.99'	CB5	30"RCP
			6.06'	Y4	12"RCP			
CB8	11.63'		6.00'	FULL OF	WATER			
CB9	11.43'		6.21'	FULL OF	WATER			
CB10	11.58'		6.32'	FULL OF	WATER			
CB11	11.48'		6.57'	FULL OF	WATER			
CB12	9.84'		5.98'	Y15	12"RCP	5.79'	CB1	12"RCP
CB13	9.83'		6.33'	Y151	12"RCP	6.19'	OFFSITE	12"RCP
Y11		9.06'				7.10'	CB10	12"RCP
Y12		9.80'				8.67'	CB9	12"RCP
Y13		9.39'				8.90'	CB8	12"RCP
Y14		9.66'				8.18'	CB7	12"RCP
Y15		9.70'				8.38'	CB5	12"RCP
Y16		9.67'				8.49'	CB4	12"RCP
Y17		7.96'	5.57'	Y18	12"RCP	5.56'	CB3	12"RCP
Y18		8.44'	5.01'	CB1	18"RCP	4.98'	CB2	18"RCP
Y19		8.92'	5.86'	Y110	18"RCP	5.72'	Y17	15"RCP
Y110		9.49'	5.96'	Y111	12"RCP	5.86'	Y19	15"RCP
Y111		9.20'	7.50'	Y112	15"RCP	7.50'	Y110	15"RCP
Y112		9.83'	8.25'	Y113	15"RCP	8.22'	Y111	15"RCP
Y113		9.62'	8.77'	Y114	15"RCP	8.50'	Y112	15"RCP
Y114		10.03'	8.95'	Y02	12"PVC	8.92'	Y113	18"RCP
Y115		9.85'	6.64'	Y116	12"RCP	6.62'	CB12	12"RCP
Y116		9.31'	7.05'	Y117	12"RCP	6.94'	Y115	15"RCP
Y117		8.51'	7.20'	Y118	12"RCP	7.10'	Y116	15"RCP
Y118		9.67'	7.51'	P2	15"RCP	7.49'	Y117	15"RCP
Y119		10.32'	8.53'	FULL OF	WATER			
Y120		10.49'	8.80'	FULL OF	WATER			
Y121		10.94'		INACCESIBLE		CONC LID		
Y122		10.10'	7.74'	BLDG	12"PVC	7.71'	Y114	12"PVC
Y123		9.35'	7.84'	BLDG	6"CLAY	7.56'	?	12"RCP
			7.58'	BLDG	12"RCP			
Y124		9.86'				8.38'	?	10"PVC
Y125		8.52'	7.03'	Y146	12"RCP	6.94'	Y126	12"RCP
Y126		8.18'	6.94'					
Y127		8.89'	7.27'	Y128	12"RCP	7.01'	P8	15"RCP
Y128		8.03'				6.99'	?	8"PVC
Y129		7.97'				6.48'	P9	18"CI
Y130		8.27'				7.13'	Y131	12"METAL
Y131		8.11'	6.82'	Y132	12"METAL	5.86'	P10	18"RCP
Y132		10.39'	8.54'	BLDG	8"PVC	8.53'	Y133	6"CLAY
Y133		10.39'	9.23'	Y134	6"CLAY	9.20'	Y132	6"CLAY
Y134		10.36'	8.98'	Y133	6"CLAY	8.95'	Y135	12"RCP
Y135		10.67'	8.54'	Y139	12"RCP	8.37'	Y136	15"RCP
			8.39'	Y150	12"RCP			
Y136		10.68'	8.36'	Y138	15"RCP	8.07'	?	15"RCP
			8.17'	Y138	12"RCP			
Y137		10.68'			FULL OF	WATER		
Y138		10.72'	8.66'	Y141	12"RCP	8.62'	Y136	12"RCP
Y139		10.57'	8.93'	Y140	8"RCP	8.51'	Y135	12"RCP
			8.54'	Y142	12"RCP	8.51'	Y135	12"RCP
Y140		10.39'	9.33'	BLDG	6"CLAY	9.00'	Y139	8"RCP
Y141		10.72'				9.10'	Y138	12"RCP
Y142		10.72'	9.11'	Y143	8"RCP	8.92'	Y139	8"RCP
Y143		10.51'	9.11'	Y144	8"RCP	8.92'	Y142	8"RCP
Y144		11.14'	9.03'	Y145	8"RCP	8.92'	Y143	8"RCP
Y145		10.50'	9.28'	?	8"RCP	9.25'	Y144	8"RCP
Y146		7.42'		FULL OF	WATER			
Y147		8.38'		FULL OF	WATER			
Y148		7.67'	Y149	15"RCP		7.37'	Y147	15"RCP
Y149						8.05'	Y148	15"RCP
Y150		10.80'	8.91'	Y04	12"RCP	8.83'	Y135	12"RCP
Y151						6.83'	CB13	12"RCP
FD1		10.45'	9.13'	BLDG	8"CI	8.82'	?	6"PVC
FD2		10.57'	9.29'	BLDG	6"CI	9.06'	?	6"PVC
FD3		10.84'	8.57'	BLDG	6"PVC	8.53'	?	6"CI
FD4		11.11'	9.45'	BLDG	6"CLAY	9.07'	?	6"PVC



1 C-300 **OVERALL GRADING PLAN**

1" - 60'

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 030120 FRANK D. CRAWFORD III 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

OVERALL GRADING PLAN

C-300

VICINITY MAP (N.T.S.)

GRADING/EROSION CONTROL NOTES

1. CURB INLET, SEE SHT. C-501, #8.
2. JUNCTION BOX, SEE SHT. C-502, #18.
3. BLOCK & GRAVEL INLET PROTECTION, SEE SHT. C-501, #11.
4. TEMPORARY SILT FENCE W/ OUTLETS AS SHOWN, SEE SHEET C-500, #8 & #16.
5. ROCK PIPE INLET PROTECTION, SEE SHT. C-503, #4.
6. TEMP GRAVEL CONST. ENTRANCE, C-500, #5.
7. CONC. WASHOUT PIT, SEE SHT. C-500, #10.
8. FLARED END SECTION, SEE SHT. C-502, #19.
9. DROP INLET, SEE SHT. C-503, #6.
10. YARD INLET, SEE SHT. C-501, #9.
11. VELOCITY DISSIPATER (OUTLET PROTECTION), SEE SHT. C-500, #15. VEL. DISSIPATERS SHALL BE W1 6' x W2 8' x La 10' UNLESS OTHERWISE NOTED, CLASS A STONE, 12" THICK.
12. GRASS SWALE, SEE SHT. C-500, #7.
13. STORM DRAIN CLEANOUT, SEE SHT. C-502, #17.
14. TEMP. SKIMMER BASIN, SEE SHT. C-500, #12 & #13.
15. TURF REINF. MAT, SEE SHT. C-501, #6.

SEE OVERALL GRADING PLAN FOR ADDITIONAL EROSION CONTROL ITEMS

ADDITIONAL NOTES

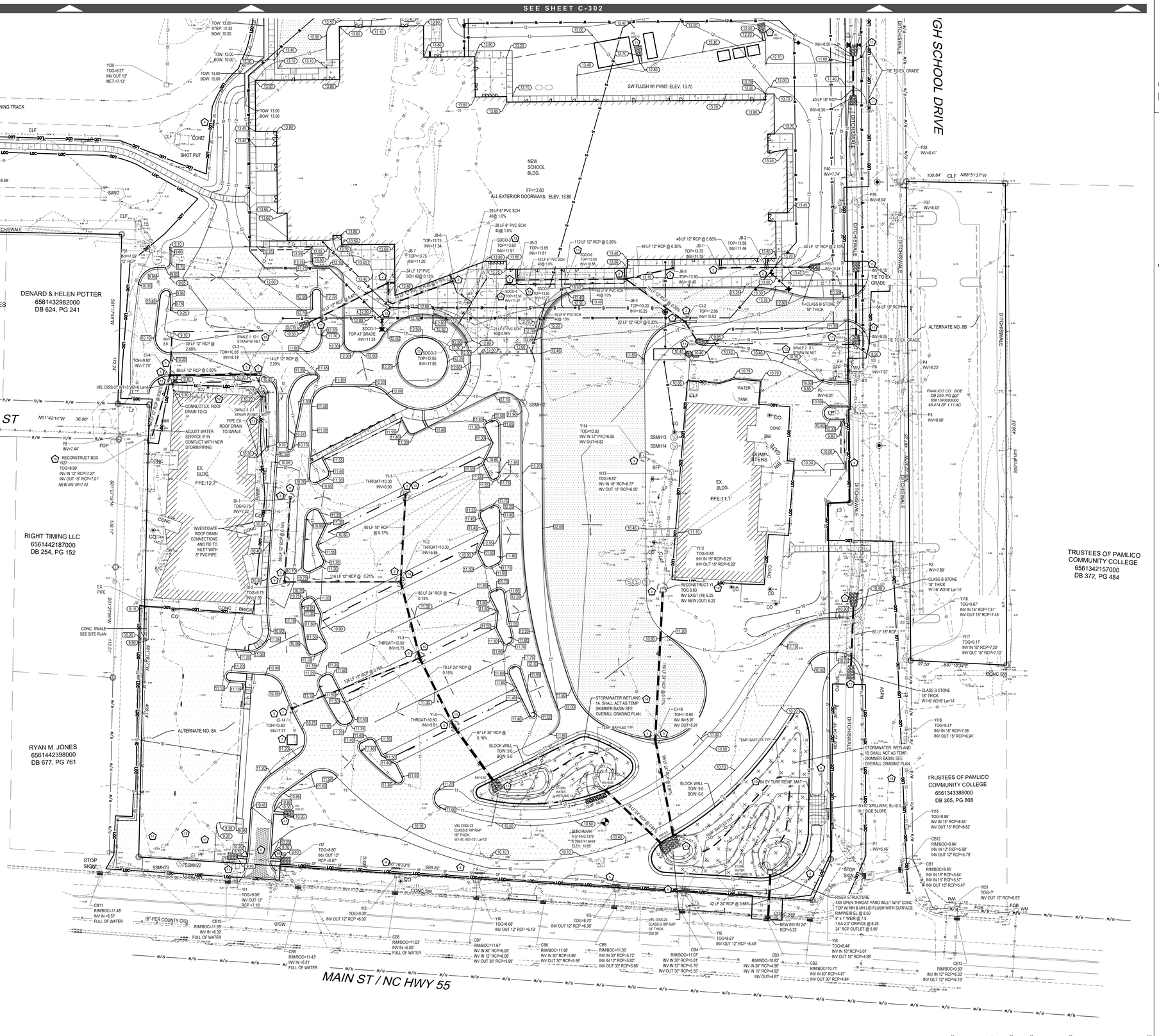
1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON THE TITLE PAGE SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS AN BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.85'.
3. PURSUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT. ALL SEEDED AREAS WILL BE FERTILIZED, RE-SEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGORIOUS, DENSE VEGETATION COVER. IF ANY SEEDING FAILURE OCCURS, THOSE AREAS SHALL BE RE-SEEDED WITH RYE GRAIN FOR TEMPORARY STABILIZATION AND PREPARED FOR PERMANENT SEEDING.
4. SEE DETAIL SHEETS FOR EROSION CONTROL MEASURES & MAINTENANCE.
5. CONTACT PERSON: PAMLICO COUNTY BOARD OF EDUCATION (252) 745-4171.
6. PARCEL IDENTIFICATION NUMBER(S): 6561-43-0892
7. CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL MEASURES ONLY AFTER REMOVAL HAS BE APPROVED BY DENR.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EROSION AND SEDIMENTATION CONTROL MONITORING ACCORDING TO NPDES PERMIT REQUIREMENTS.
9. SEE SHEET C5.0 FOR TEMPORARY & PERMANENT SEEDING REQUIREMENTS.

EROSION CONTROL CONSTRUCTION SEQUENCE

1. OBTAIN ALL NECESSARY PERMITS AND APPROVALS AND HOLD PRE-CONSTRUCTION CONFERENCE.
2. INSTALL GRAVEL CONSTRUCTION ENTRANCE.
3. INSTALL PERIMETER SILT FENCE AND SILT FENCE OUTLETS.
4. CONSTRUCT TEMPORARY DIVERSION BERMS AS AREAS ARE BEING CLEARED AND GRUBBED.
5. CLEAR AND GRUB THE SITE WITHIN THE LIMITS OF CONSTRUCTION.
6. APPLY TEMPORARY SEEDING TO ALL DISTURBED AREAS.
7. ROUGH GRADE THE PROPOSED PARKING FACILITY & DRIVEWAYS.
8. CONSTRUCT BUILDING PAD.
9. INSTALL STORM WATER UTILITIES. STORM DRAINAGE SYSTEM WILL BE CONSTRUCTED SO THAT PERMANENT DRAINAGE OUTLETS RELEASE RUNOFF INTO THE STORM WATER CONTROL MEASURES WHICH WILL ACT AS TEMPORARY SKIMMER BASINS.
10. INSTALL BLOCK AND GRAVEL INLET PROTECTION AROUND NEW INLETS.
11. INSTALL PERMANENT VELOCITY DISSIPATERS AS SHOWN IN THE PLANS.
12. INSTALL CONCRETE SIDEWALKS.
13. INSTALL ASPHALT PAVEMENT.
14. REMOVE TEMPORARY SKIMMER BASIN COMPONENTS UPON APPROVAL BY NCDEQ
15. RE-ESTABLISH STORM WATER CONTROL MEASURE.
16. APPLY PERMANENT SEEDING (GROUND COVER) TO ALL DISTURBED AREAS.
17. ALL TEMPORARY MEASURES SHALL BE REMOVED ONLY UPON NCDEQ APPROVAL.

DWQ Construction General Permit Ground Stabilization Requirements		
Site Area Description	**Stabilization Time Frame**	**Stabilization Time Frame Exceptions**
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
Slopes 3:1 or flatter	14 days	7-days for slopes greater than 50 feet in length
All other areas with slopes flatter than 4:1	14 days	None (except for perimeters and HQW Zones)

* "Extensions of time may be approved by the permitting authority based on weather or other site-specific condition that make compliance impracticable." (Sectio II.B(2)(b))



1 GRADING PLAN
C-301
1" = 40'

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Civil Engineering Wilmington, Pinehurst, Pinnacle, Raleigh
118 N. Cool Spring Street Fayetteville, NC 28301
Voice 910-221-0033 Fax 910-221-0035
www.crawforddesign.com

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 1020 DENARD D. CRAWFORD III 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE:	06/12/24
PROJECT #:	2205
CAD TECH.:	ILB
CHECKED BY:	FDC

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GRADING, DRAINAGE & EROSION CONTROL PLAN

C-301

VICINITY MAP (N.T.S.)

NC GRID NAD83
NC GRID NAVD 88

GRADING/EROSION CONTROL NOTES

1. CURB INLET, SEE SHT. C-501, #8.
2. JUNCTION BOX, SEE SHT. C-502, #18.
3. BLOCK & GRAVEL INLET PROTECTION, SEE SHT. C-500, #11.
4. TEMPORARY SILT FENCE W/ OUTLETS AS SHOWN, SEE SHEET C-500, #8 & #16.
5. ROCK PIPE INLET PROTECTION, SEE SHT. C-503, #4.
6. TEMP GRAVEL CONST. ENTRANCE, C-500, #5.
7. CONC. WASHOUT PIT, SEE SHT. C-500, #10.
8. FLARED END SECTION, SEE SHT. C-502, #19.
9. DROP INLET, SEE SHT. C-503, #6.
10. YARD INLET, SEE SHT. C-501, #9.
11. VELOCITY DISSIPATER (OUTLET PROTECTION), SEE SHT. C-500, #15. VEL DISSIPATERS SHALL BE W1 6' x W2 8' x La 10' UNLESS OTHERWISE NOTED, CLASS A STONE, 12" THICK
12. GRASS SWALE, SEE SHT. C-500, #7.
13. STORM DRAIN CLEANOUT, SEE SHT. C-502, #17.
14. TEMP. SKIMMER BASIN, SEE SHT. C-500, #12 & #13.
15. TURF REINF. MAT, SEE SHT. C-501, #6.

SEE OVERALL GRADING PLAN FOR ADDITIONAL EROSION CONTROL ITEMS

ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON THE TITLE PAGE SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS AN BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.85'
3. PURSUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUND COVER SUFFICIENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTER) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT. ALL SEEDED AREAS WILL BE FERTILIZED, RE-SEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATION COVER. IF ANY SEEDING FAILURE OCCURS, THOSE AREAS SHALL BE RE-SEEDED WITH RYE GRAIN FOR TEMPORARY STABILIZATION AND PREPARED FOR PERMANENT SEEDING.
4. SEE DETAIL SHEETS FOR EROSION CONTROL MEASURES & MAINTENANCE.
5. CONTACT PERSON: PAMLICO COUNTY BOARD OF EDUCATION (252) 745-4171.
6. PARCEL IDENTIFICATION NUMBER(S): 6561-43-0892
7. CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL MEASURES ONLY AFTER REMOVAL HAS BE APPROVED BY DENR.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EROSION AND SEDIMENTATION CONTROL MONITORING ACCORDING TO NPDES PERMIT REQUIREMENTS.
9. SEE SHEET C5.0 FOR TEMPORARY & PERMANENT SEEDING REQUIREMENTS.

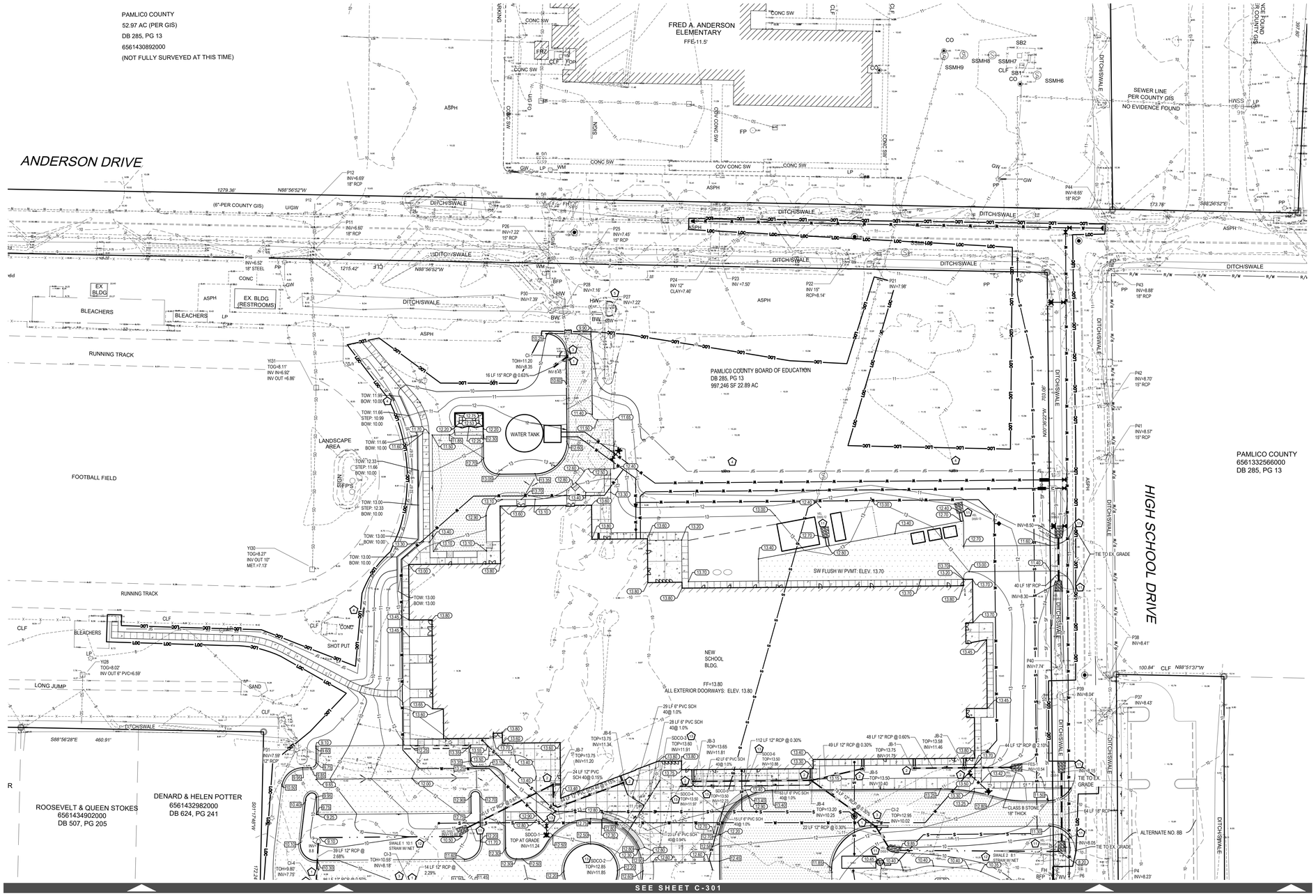
EROSION CONTROL CONSTRUCTION SEQUENCE

1. OBTAIN ALL NECESSARY PERMITS AND APPROVALS AND HOLD PRE-CONSTRUCTION CONFERENCE.
2. INSTALL GRAVEL CONSTRUCTION ENTRANCE.
3. INSTALL PERIMETER SILT FENCE AND SILT FENCE OUTLETS.
4. CONSTRUCT TEMPORARY DIVERSION BERMS AS AREAS ARE BEING CLEARED AND GRUBBED.
5. CLEAR AND GRUB THE SITE WITHIN THE LIMITS OF CONSTRUCTION.
6. APPLY TEMPORARY SEEDING TO ALL DISTURBED AREAS.
7. ROUGH GRADE THE PROPOSED PARKING FACILITY & DRIVEWAYS.
8. CONSTRUCT BUILDING PAD.
9. INSTALL STORM WATER UTILITIES. STORM DRAINAGE SYSTEM WILL BE CONSTRUCTED SO THAT PERMANENT DRAINAGE OUTLETS RELEASE RUNOFF INTO THE STORM WATER CONTROL MEASURES WHICH WILL ACT AS TEMPORARY SKIMMER BASINS.
10. INSTALL BLOCK AND GRAVEL INLET PROTECTION AROUND NEW INLETS.
11. INSTALL PERMANENT VELOCITY DISSIPATERS AS SHOWN IN THE PLANS.
12. INSTALL CONCRETE SIDEWALKS.
13. INSTALL ASPHALT PAVEMENT.
14. REMOVE TEMPORARY SKIMMER BASIN COMPONENTS UPON APPROVAL BY NCDEQ
15. RE-ESTABLISH STORM WATER CONTROL MEASURE.
16. APPLY PERMANENT SEEDING (GROUND COVER) TO ALL DISTURBED AREAS.
17. ALL TEMPORARY MEASURES SHALL BE REMOVED ONLY UPON NCDEQ APPROVAL.

DWQ Construction General Permit Ground Stabilization Requirements		
Site Area Description	**Stabilization Time Frame**	**Stabilization Time Frame Exceptions**
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
Slopes 3:1 or flatter	14 days	7-days for slopes greater than 50 feet in length
All other areas with slopes flatter than 4:1	14 days	None (except for perimeters and HQW Zones)

* "Extensions of time may be approved by the permitting authority based on weather or other site-specific condition that make compliance impracticable." (Sectio II.B(2)(b))

PAMLICO COUNTY
52.97 AC (PER GIS)
DB 285, PG 13
6561430892000
(NOT FULLY SURVEYED AT THIS TIME)



GRAPHIC SCALE (IN FEET) 40 0 20 40 80 160 — 1 inch = 40 ft.

1 C-302 **GRADING PLAN** 1" = 40'

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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GRADING, DRAINAGE & EROSION CONTROL PLAN

C-302

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VICINITY MAP (N.T.S.)

GRADING/EROSION CONTROL NOTES

1. CURB INLET, SEE SHT. C-501, #8.
2. JUNCTION BOX, SEE SHT. C-502, #18.
3. BLOCK & GRAVEL INLET PROTECTION, SEE SHT. C-500, #11.
4. TEMPORARY SILT FENCE W/ OUTLETS AS SHOWN, SEE SHEET C-500, #8 & #16.
5. ROCK PIPE INLET PROTECTION, SEE SHT. C-503, #4.
6. TEMP GRAVEL CONST. ENTRANCE, C-500, #5.
7. CONC. WASHOUT PIT, SEE SHT. C-500, #10.
8. FLARED END SECTION, SEE SHT. C-502, #19.
9. DROP INLET, SEE SHT. C-503, #6.
10. YARD INLET, SEE SHT. C-501, #9.
11. VELOCITY DISSIPATER (OUTLET PROTECTION), SEE SHT. C-500, #15. VEL DISSIPATERS SHALL BE W1 6' x W2 8' x La 10' UNLESS OTHERWISE NOTED, CLASS A STONE, 12" THICK
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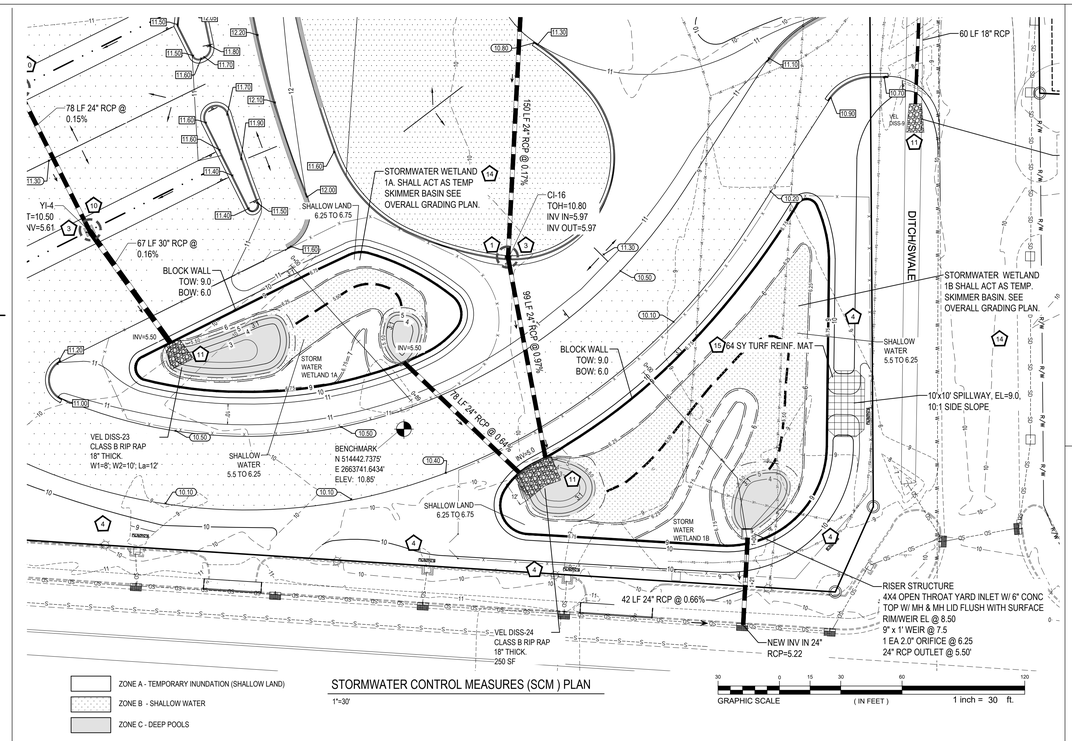
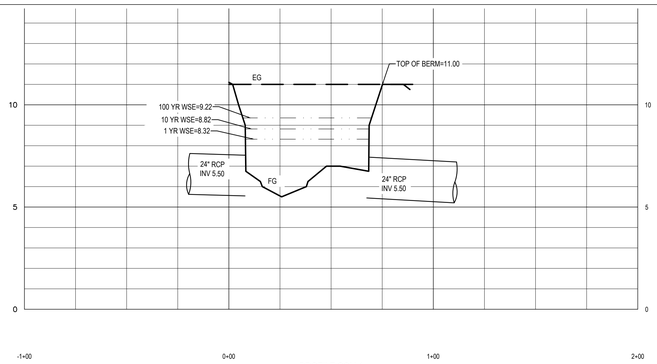
15. TURF REINF. MAT, SEE SHT. C-501, #6.

SEE OVERALL GRADING PLAN FOR ADDITIONAL EROSION CONTROL ITEMS



STORMWATER CONTROL MEASURES (SCM) PLAN

1"=30'



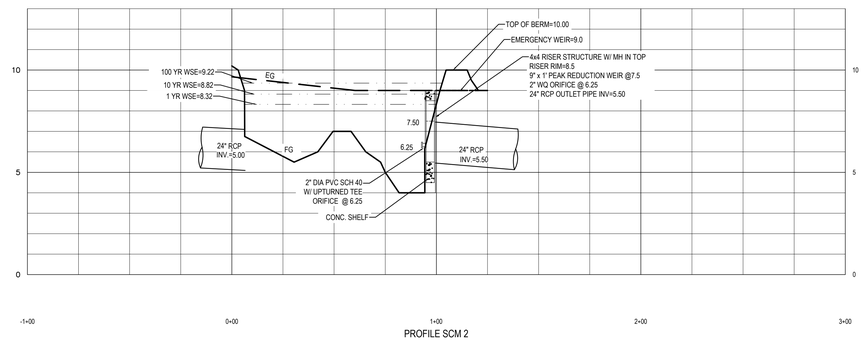
PROFILE SCM 1

STORMWATER CONTROL MEASURE (SCM 1A) PROFILE

HORIZONTAL SCALE: 1"=30'
VERTICAL SCALE: 1"=3'

DWQ Construction General Permit Ground Stabilization Requirements		
Site Area Description	**Stabilization Time Frame**	**Stabilization Time Frame Exceptions**
Perimeter dikes, swales, ditches and slopes	7 days	None
High Quality Water (HQW) Zones	7 days	None
Slopes steeper than 3:1	7 days	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
Slopes 3:1 or flatter	14 days	7-days for slopes greater than 50 feet in length
All other areas with slopes flatter than 4:1	14 days	None (except for perimeters and HQW Zones)

* "Extensions of time may be approved by the permitting authority based on weather or other site-specific condition that make compliance impracticable." (Sectio II.B(2)(b))



PROFILE SCM 2

STORMWATER CONTROL MEASURE (SCM 1B) PROFILE

HORIZONTAL SCALE: 1"=30'
VERTICAL SCALE: 1"=3'

Additional Notes & Requirements:

1. The wetlands area shall be used for erosion control purposes until upstream areas have been stabilized. Basin was graded in Phase 1 and shall be regraded as shown in phase 2. after regrading reinstall baffles and ensure skimmer is operating correctly.
2. Area around wetlands shall be established with permanent ground cover per specifications as well as the DWQ Construction General Permit Ground Stabilization Requirements (see table this sheet) and void of any bare areas.
3. Prior to substantial completion of the project, the contractor shall remove all built-up & deposited sediment from the wetland and re-establish the wetland to design parameters & specifications.
4. Sediment shall be removed when 25% of the volume of the deep pools is taken up by sediment.
5. Install erosion control blanket on slopes above the normal pool steeper than and/or equal to 4:1 (see detail this sheet)
6. All disturbed areas must be planted and stabilized within the DWQ Construction General Permit Ground Stabilization Requirements (see table this sheet).
7. Cattails shall not be planted.
8. Recommended construction sequence (contractor shall submit construction sequence and plan to engineer for approval prior to start of construction):
   - Clear and grub area within Limits of Construction.
   - Rough Grade to elevation as shown on plans and install outlet structure.
   - Stabilize all disturbed areas.
   - During planting season (April 1st to June 15th or September 1st to September 15th), Excavate deep pools and shallow areas and install natural or synthetic liner, top soil and wetland plants).
10. Final grading, liner installation, top soil installation, rip-rap & matting installation, and planting must be completed within 14 days.
11. Post nursery care of wetland plants is also critical. Stock must be frequently watered and shaded before installation.
12. Wetland plants shall be fertilized as per supplier's recommendation when planted. No further fertilizing of wetland plants should be required.
13. Immediately after wetland is planted, all plantings within and around wetland shall be watered twice per week by the contractor. Twice per week watering, by the contractor, shall continue for six weeks after installation.
14. During one year warranty period, wetland shall be inspected by contractor monthly and any dying/damaged plants replaced and any erosion or scouring of soil or plants repaired to prevent large scale damage to wetland.

Maintenance:

Immediately after the Storm Water Wetland is established, All planting within and around the perimeter of the wetland shall be watered twice weekly if needed until the plants become established (commonly six weeks). No portion of the Storm Water Wetland should be fertilized after the first initial fertilization that is required to establish the plants. Stable groundcover should be maintained in the drainage area to reduce the sediment load to Storm Water Wetland. If the Wetland must be drained for an emergency or to perform maintenance, the flushing of sediment through the emergency drain should be minimized to the maximum extent practical. The wetland should be inspected once a month and within 24 hours after every storm event greater than 1.0 inches. Records of inspection and maintenance should be kept in a known set location and must be available upon request. Any erosion or scouring that is found shall be repaired immediately to avoid major damage to the wetland.

Attachment B--Hydraulic Calculations Summary							Pamlico K-12
	Existing	Post Development					
Item	Total	1-WO SCM	WS-1 wSCM	Max WSE	Notes/	WS-2 not to scm	Total
Drainage Area (ac)	22.890	5.890				17.000	22.89
Curve Number	84	93				84	86
C-Value	0.67	0.84				0.67	0.71
Q, 1-yr Storm (cfs)	79.64	25.96	1.97	8.32		59.45	61.42
Q, 10-yr Storm (cfs)	100.28	32.68	12.91	8.82		74.85	87.76
Q, 100-Yr Storm (cfs)	137.00	44.65	27.90	9.22		102.26	130.16
Peak Redux Orifice			6.25	FT-EL	2.00	IN	
Peak Redux Weir			7.50	FT-EL	.75W'x1'H	FT	
Primary Riser Outlet			8.50	FT-EL	4'x4'	FT	
Outlet Pipe			5.50	IN-EL	24.00	IN RCP	
Outlet Pipe Length			23.00	FT	FT		
Emergency Weir EL			9.00	FT-EL	10'	WIDE	
Top of Berm			10.00	FT-EL	10'	WIDE	

Zone	Min/Max in sf			Actual	
Min Temp. Inundation Zn. (TIZ) 30%=	6,139	Max TIZ 45%=	9,209	8,926	44%
Min Shallo Water (SW) 35%=	7,162	Max SW 40%=	8,186	7,292	36%
Min Forebay 12%=	2,456	Max FB 15%=	3,070	2,707	13%
Min Deep Pool 5%=	1,023	Max DP 15%=	3,070	1,539	8%
SA @ 1.25' stage=	20,464	sf	Total =	20,464	100%

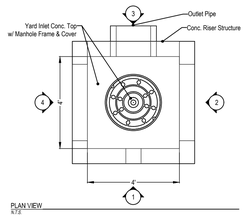
Wetland Plants Pond 1A						
Zone	Size	Key	Common Name	Botanical Name	QTY	Size
"A" Temporary inundation	2,914	1	Joe Pye Weed	Equatoriadelphus fistulosus	140	4-cu in min
		2	Scarlet Rose Mallow	Hibiscus coccineus	140	4-cu in min
		3	Creek Sedge	Carex amphibosa	160	4-cu in min
		4	Cardinal Flower	Lobelia cardinalis	160	4-cu in min
		5	Lizard Tail	Saururus cermuus	130	4-cu in min
"B" Shallow Water	1,446	6	Softstem Bulrush	Schoenoplectus tabernaemontani	80	4-cu in min
		7	Blue Flag Iris*	Iris Virginica*	80	4-cu in min
		8	Pickerelweed	Pontederia cordata	90	4-cu in min
		9	Arrow Arum	Peltandra virginica	80	4-cu in min
		10	Fragrant Water Lily**	Nymphaea Odorata**	30	4-cu in min

* place on edge of zone "A" Temporary Inundation
**Place on edge of deep pools
Place plants 2' on center in groups of 5-10 of the same type

Wetland Plants Pond 1B						
Zone	Size	Key	Common Name	Botanical Name	QTY	Size
"A" Temporary inundation	2,914	1	Joe Pye Weed	Equatoriadelphus fistulosus	140	4-cu in min
		2	Scarlet Rose Mallow	Hibiscus coccineus	140	4-cu in min
		3	Creek Sedge	Carex amphiboa	160	4-cu in min
		4	Cardinal Flower	Lobelia cardinalis	160	4-cu in min
		5	Lizard Tail	Saururus cermuus	130	4-cu in min
"B" Shallow Water	1,446	6	Softstem Bulrush	Schoenoplectus tabernaemontani	80	4-cu in min
		7	Blue Flag Iris*	Iris Virginica*	80	4-cu in min
		8	Pickerelweed	Pontederia cordata	90	4-cu in min
		9	Arrow Arum	Peltandra virginica	80	4-cu in min
		10	Fragrant Water Lily**	Nymphaea Odorata**	30	4-cu in min

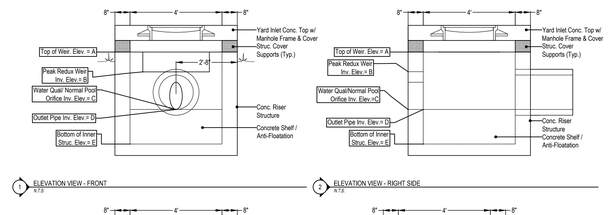
* place on edge of zone "A" Temporary Inundation
**Place on edge of deep pools
Place plants 2' on center in groups of 5-10 of the same type

STORMWATER WETLAND PLANTINGS



PLAN VIEW
N.T.S.

Riser Structure Design Summary		
Item	Values	
	Elevation	Total #	Size
Riser Structure	N/A	1	4' x 4'
Weir, A=	8.50	N/A	16'
Peak Redux, or B=	7.50	1	9"Wx1'H
WQ Orifice C=	6.25	1	2"
Outlet Pipe, D=	5.50	1	24" RCP
Bottom Inside Struct., E=	4.50	1	N/A



1 ELEVATION VIEW - FRONT N.T.S.
2 ELEVATION VIEW - RIGHT SIDE N.T.S.
3 ELEVATION VIEW - REAR N.T.S.
4 ELEVATION VIEW - RIGHT SIDE N.T.S.

SCM 2
RISER STRUCTURE - 4-ft x 4-ft - YARD INLET
NOT TO SCALE

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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STORMWATER CONTROL MEASURE DETAILS

C-303

1 C-303 **SCM DETAILS** 1" = 30'

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GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	**Stabilize within this many calendar days after ceasing land disturbance**	**Timeframe variations**
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
• Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting	• Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Hydroseeding • Shrubs or other permanent plantings covered with mulch • Uniform and evenly distributed ground cover sufficient to restrain erosion • Structural methods such as concrete, asphalt or retaining walls • Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

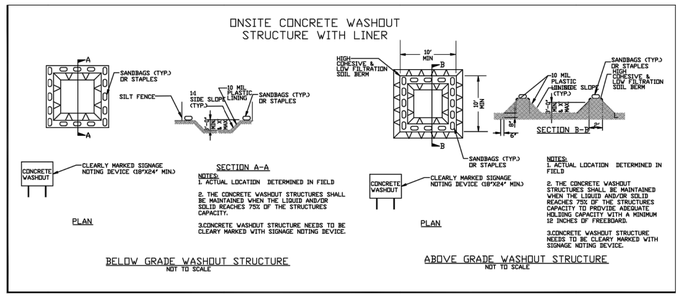
1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

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Voice 910-221-0033 - Fax 910-221-0055
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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
		ISSUE DATE: 06/12/24

PROJECT #:	2205
CAD TECH.:	ILB
CHECKED BY:	FDC

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NCG01 GROUND STABILIZATION & MATERIALS HANDLING

C-304

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PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un-attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:
- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	• ***Within 24 hours***, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses [40 CFR 122.41(m)(3)]	• ***A report at least ten days before the date of the bypass, if possible***. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses [40 CFR 122.41(m)(3)]	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days,*** a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment[40 CFR 122.41(l)(7)]	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6). • Division staff may waive the requirement for a written report on a case-by-case basis.

PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

(a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
(f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 FRANK D. CRAWFORD 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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NCG01 SELF-INSPECTION, RECORDKEEPING & REPORTING

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VICINITY MAP (N.T.S.)

UTILITY DEMAND FROM PME CONSULTING ENGINEER: CONSTRUCTION TYPE 2B

LARGEST AREA SEPARATED BY FIRE WALL=89,050 SF

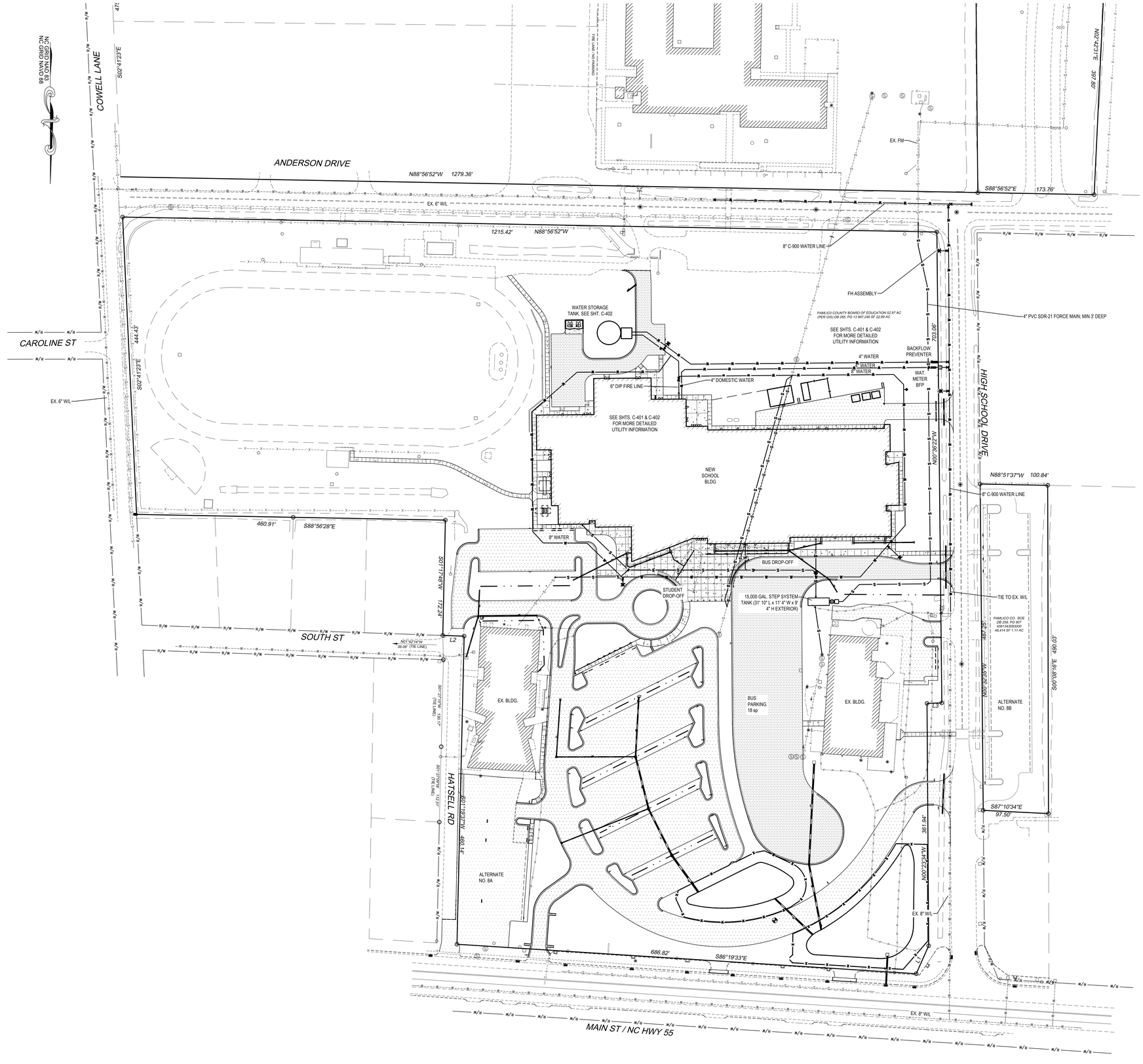
REQUIRED FIRE FLOW=6,250 GPM REDUCED BY 75% DUE TO SPRINKLER SYSTEM=1,563 GPM FOR 4 HOURS.

FIRE SPRINKLER DEMAND: 270 GPM (SPRINKLER SYSTEM) + 250 GPM (HOSE DEMAND) = 520 GPM TOTAL (6" FIRE WATER SERVICE & FIRE PUMP REQUIRED)

DOMESTIC WATER SERVICE: 203 GPM PEAK FLOW (4" DOMESTIC WATER SERVICE & BOOSTER PUMP REQUIRED)

SANITARY WASTE: 517 DRAINAGE FIXTURE UNITS (6" WASTE REQUIRED)

FIRE FLOW AVAILABLE IN CITY WATER MAIN = 797.1 GPM (@ 20 PSI) - CITY WATER MAIN DOES NOT HAVE ENOUGH VOLUME TO MEET FIRE FLOW REQUIREMENT FOR THIS PROJECT.



1 C-400 **OVERALL UTILITY PLAN**
1" - 60'

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 027502 KEVIN S. LINDSAY 8-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

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OVERALL UTILITY PLAN

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VICINITY MAP (N.T.S.)

UTILITY NOTES

- FIRE HYDRANT ASSEMBLY. SEE SHT. C-505, #7.
- GATE VALVE. SEE SHT. C-505, #4 & #5.
- PLUG W/ THRUST BLOCK. SEE SHT. C-505, #6.
- RPDA/RPZ BACKFLOW PREVENTER IN HEATED ABOVE GROUND ENCLOSURE. SEE SHT. C-505, #8.
- WATER METER IN VAULT. SEE SHT. C-505, #9.
- NOT USED
- SANITARY SEWER LATERAL. SEE SHT. C-504, #1.
- SANITARY SEWER MANHOLE. SEE SHT. C-504, #3.
- SANITARY SEWER CLEANOUT. SEE SHT. C-504, #5.
- POST INDICATOR VALVE (PIV). SEE SHT. C-505, #13.
- FIRE DEPT. CONNECTION (FDC). SEE SHT. C-505, #14.

SANITARY SEWER SERVICE NOTES

BAY RIVER METROPOLITAN SEWER DISTRICT (252) 745-4812

1. SANITARY SEWER SERVICES & MAINS SHALL HAVE A MINIMUM COVER OF 36-INCHES OR AS REQUIRED BY CODE.
2. CONTRACTOR SHALL COORDINATE INSTALLATION OF SANITARY SEWER MAINS & SERVICES w/ BAY RIVER METROPOLITAN SEWER DISTRICT.
3. ALL SANITARY SEWER MAINS & SERVICES SHALL BE INSTALLED & AIR-TESTED ACCORDING TO BAY RIVER METROPOLITAN SEWER DISTRICT & STATE SPECIFICATIONS & REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN A HORIZONTAL CLEARANCE BETWEEN ALL WATER & SANITARY SEWER MAINS OF AT LEAST 10-FEET.
5. THE MINIMUM VERTICAL CLEARANCE BETWEEN WATER & SANITARY SEWER LINES SHALL BE 18-INCHES UNLESS DUCTILE IRON IS SPECIFIED. THE MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER & STORM DRAINAGE LINES SHALL BE 24-INCHES UNLESS DUCTILE IRON IS SPECIFIED.
6. CONTRACTOR SHALL NOTIFY BAY RIVER METROPOLITAN SEWER DISTRICT AND ENGINEER OF RECORD FOURTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO INSTALL SANITARY SEWER MAINS / SERVICES.
7. CONTRACTOR SHALL NOT OBSTRUCT MAINTENANCE OR ACCESS TO UTILITIES LOCATED WITHIN EASEMENTS.

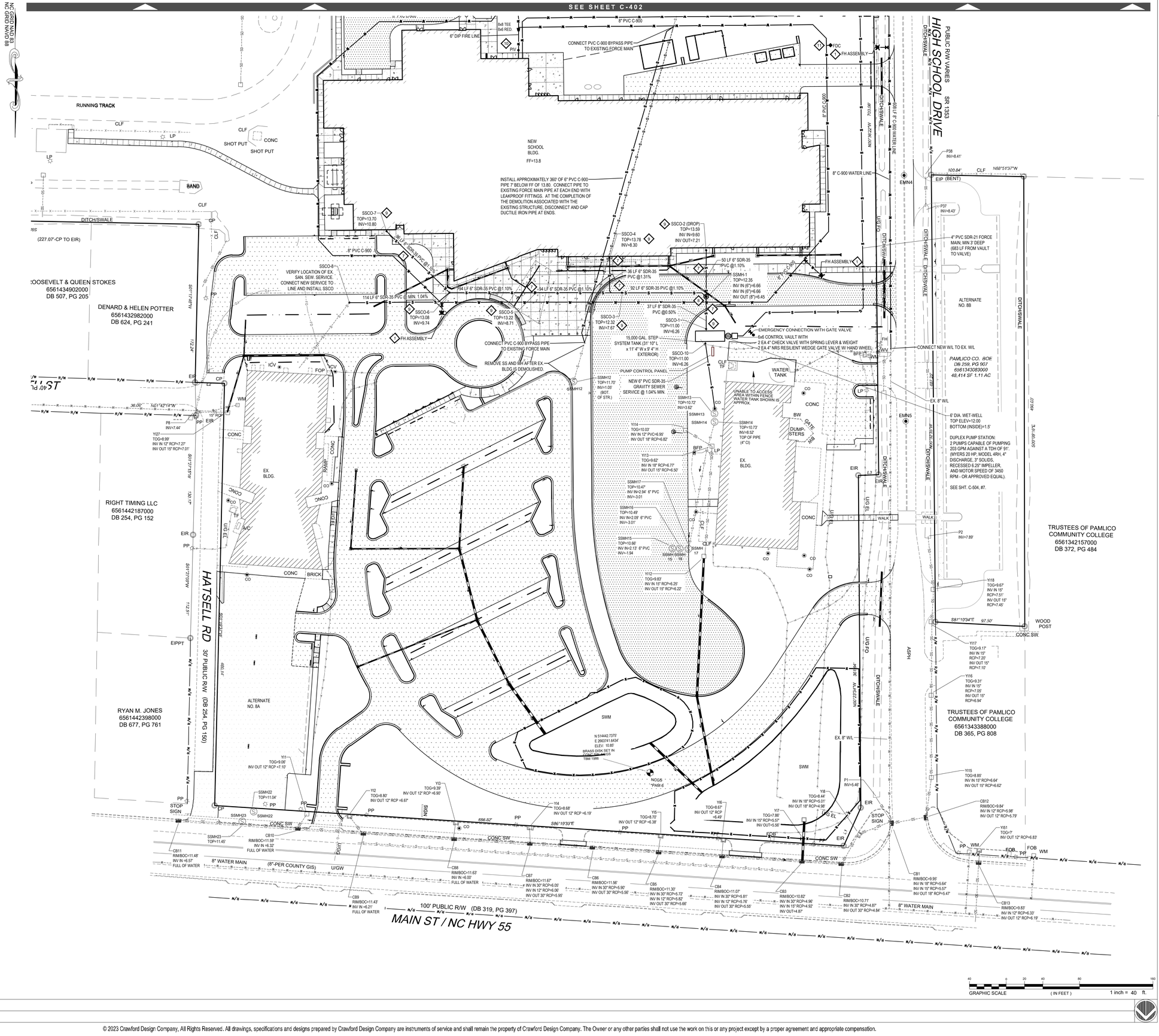
WATER SERVICE NOTES

PAMLICO COUNTY WATER DEPARTMENT - (252) 745-5453

1. WATER MAINS AND SERVICE LATERALS SHALL HAVE A MINIMUM COVER OF 42-INCHES OR DIP SHALL BE USED. IF 42-INCHES OF COVER CANNOT BE PROVIDED AND DIP IS NOT SHOWN ON THE PLANS, CONSULT WITH THE ENGINEER (PRIOR TO USE OF DIP).
2. CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER MAINS & SERVICES w/ PAMLICO COUNTY WATER DEPARTMENT.
3. INSTALLATION AND TESTING OF ALL WATER MAINS & SERVICES SHALL MEET ALL PAMLICO COUNTY WATER DEPARTMENT & STATE SPECIFICATIONS & REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN A HORIZONTAL CLEARANCE BETWEEN ALL WATER AND SANITARY SEWER MAINS OF AT LEAST 10-FEET. WHEN NECESSARY, AND WITH THE PERMISSION OF THE ENGINEER AND PWC, THE SEPARATION DISTANCE CAN BE REDUCED TO 5-FEET IF THE WATER LINE MAINTAINS A VERTICAL CLEARANCE OF AT LEAST 18-INCHES ABOVE THE SEWER LINE. IF A SEWER LINE MUST BE ROUTED ABOVE A WATER LINE, THEN BOTH MUST BE MADE OF DIP WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS--WITH A SECTION OF WATER MAIN CENTERED UNDERNEATH THE SEWER MAIN.
5. WATER MAINS CROSSING OVER, OR UNDER, STORM SEWERS MUST MAINTAIN A VERTICAL SEPARATION OF AT LEAST 12-INCHES. IN ADDITION, IF A WATER MAIN MUST CROSS UNDER A STORM SEWER, IT SHALL BE MADE OF DIP FOR A MINIMUM OF 10 FEET ON BOTH SIDES OF THE CROSSING.
6. CONTRACTOR SHALL INSTALL MECHANICALLY RESTRAINED JOINTS PER PAMLICO COUNTY WATER DEPARTMENT & STATE REQUIREMENTS.
7. CONTRACTOR SHALL NOTIFY PAMLICO COUNTY WATER DEPARTMENT AND ENGINEER OF RECORD FOURTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO INSTALL WATER MAINS / SERVICES.
8. CONTRACTOR SHALL NOT OBSTRUCT MAINTENANCE OR ACCESS TO UTILITIES LOCATED WITHIN EASEMENTS.

ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON TITLE PAGE SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS AN BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.85'.


SEE SHEET C-402
NC GRID NAD 83
NC GRID DAVD 88
RUNNING TRACK
CLF
LP
SHOT PUT
CONC
BAND
DITCH/SWALE
GP
(227.07'-CP TO EIR)
NEW SCHOOL BLDG. FF=13.8
INSTALL APPROXIMATELY 360' OF 6" PVC C-900 PIPE 7' BELOW FF OF 13.80. CONNECT PIPE TO EXISTING FORCE MAIN PIPE AT EACH END WITH LEAKPROOF FITTINGS. AT THE COMPLETION OF THE DEMOLITION ASSOCIATED WITH THE EXISTING STRUCTURE, DISCONNECT AND CAP DUCTILE IRON PIPE AT ENDS.
6" DIP FIRE LINE
8x8 TEE
6x6 RED.
PIV
8" PVC C-900
CONNECT PVC C-900 BYPASS PIPE TO EXISTING FORCE MAIN
FDC
FH ASSEMBLY
PUBLIC R/W (VARIES)
HIGH SCHOOL DRIVE
SR 1353
DITCH/SWALE
316 LF 8" C-900 WATER LINE
8" C-900 WATER LINE
P38
INV=8.41'
103.84'
CLF
N88°51'37"W
EIP (BENT)
EMN4
P37
INV=8.43'
4" PVC SDR-21 FORCE MAIN, MIN 3' DEEP (683 LF FROM VAULT TO VALVE)
ALTERNATE NO. 8B
SSCO-7
TOP=13.70
INV=10.80
36 LF 6" SDR-35 PVC @1.10%
8" PVC C-900
SSCO-8
VERIFY LOCATION OF EX. SAN. SEW. SERVICE. CONNECT NEW SERVICE TO LINE AND INSTALL SSCO
SSCO-4
TOP=13.78
INV=8.30
SSCO-2 (DROP)
TOP=13.59
INV IN=9.60
INV OUT=7.21
50 LF 6" SDR-35 PVC @1.10%
SSMH-1
TOP=12.35
INV IN (6")=6.66
INV IN (6")=6.66
INV OUT (8")=6.45
FH ASSEMBLY
36 LF 6" SDR-35 PVC @1.31%
94 LF 6" SDR-35 PVC @1.10%
92 LF 6" SDR-35 PVC @1.10%
114 LF 6" SDR-35 PVC @1.04%
SSCO-6
TOP=13.08
INV=9.74
SSCO-5
TOP=13.22
INV=8.71
SSCO-3
TOP=12.32
INV=7.67
37 LF 8" SDR-35 PVC @0.50%
SSCO-1
TOP=11.00
INV=6.26
SSCO-10
TOP=11.00
INV=6.26
15,000 GAL. STEP SYSTEM TANK (31' 10" L x 11' 4" W x 9' 4" H - EXTERIOR)
EMERGENCY CONNECTION WITH GATE VALVE
6x6 CONTROL VAULT WITH 2 EA 4" CHECK VALVE WITH SPRING LEVER & WEIGHT 2 EA 4" NRS RESILIENT WEDGE GATE VALVE W/ HAND WHEEL
CONNECT NEW W/L TO EX. W/L
PAMLICO CO. BOE DB 299, PG 907 656134308300 48,414 SF 1.11 AC
CONNECT PVC C-900 BYPASS PIPE TO EXISTING FORCE MAIN
REMOVE SS AND MH AFTER EX. BLDG IS DEMOLISHED.
PUMP CONTROL PANEL
SSMH12
TOP=11.70'
INV=1.05' (BOT. OF STR.)
NEW 6" PVC SDR-35 GRAVITY SEWER SERVICE @ 1.04% MIN.
UNABLE TO ACCESS AREA WITHIN FENCE WATER TANK SHOWN IS APPROX.
WATER TANK
SSMH13
TOP=10.72'
INV=3.62'
SSMH14
SSMH14
TOP=10.73'
INV=8.52'
TOP OF PIPE (4" CI)
Y114
TOG=10.03'
INV IN 12" PVC=6.95'
INV OUT 18" RCP=6.82'
Y113
TOG=9.62'
INV IN 18" RCP=6.77'
INV OUT 15" RCP=6.50'
SSMH17
TOP=10.47'
INV IN=2.94' 6" PVC
INV=3.01'
SSMH16
TOP=10.49'
INV IN=2.09' 6" PVC
INV=3.01'
SSMH15
TOP=10.66'
INV IN=2.13' 6" PVC
INV=1.94
SSMH 17
Y112
TOG=9.83'
INV IN 15" RCP=6.25'
INV OUT 15" RCP=6.22'
EX. BLDG.
CONC
BW
GATE
DUMP-STERS
WALK
U/G EL
U/G FO
EX. 8" W/L
6" DIA. WET-WELL TOP ELEV=12.00 BOTTOM (INSIDE)=1.5'
DUPLEX PUMP STATION: 2 PUMPS CAPABLE OF PUMPING 203 GPM AGAINST A TDH OF 91'. (MYERS 20 HP, MODEL 4RH, 4" DISCHARGE, 3" SOLIDS, RECESSED 6.25" IMPELLER, AND MOTOR SPEED OF 3450 RPM - OR APPROVED EQUAL).
SEE SHT. C-504, #7.
P2
INV=7.89'
TRUSTEES OF PAMLICO COMMUNITY COLLEGE 6561342157000 DB 372, PG 484
Y118
TOG=9.67'
INV IN 15"
RCP=7.51'
INV OUT 15"
RCP=7.45'
S87°10'34"E
97.50'
WOOD POST
CONC SW.
Y117
TOG=9.17'
INV IN 15"
RCP=7.20'
INV OUT 15"
RCP=7.10'
Y116
TOG=9.31'
INV IN 15"
RCP=7.05'
INV OUT 15"
RCP=6.94'
TRUSTEES OF PAMLICO COMMUNITY COLLEGE 6561343388000 DB 365, PG 808
EX. 8" W/L
SWM
P1
INV=5.46'
Y115
TOG=8.85'
INV IN 15" RCP=6.64'
INV OUT 15" RCP=6.62'
CB12
RIM/BOC=9.84'
INV IN 12" RCP=5.98'
INV OUT 12" RCP=5.79'
Y151
TOG=?
INV OUT 12" RCP=6.83'
CB1
RIM/BOC=9.95'
INV IN 18" RCP=5.64'
INV IN 15" RCP=5.57'
INV OUT 18" RCP=5.47'
CB13
RIM/BOC=9.83'
INV IN 12" RCP=6.33'
INV OUT 12" RCP=6.19'
8" WATER MAIN
Y18
TOG=8.44'
INV IN 18" RCP=5.01'
INV OUT 18" RCP=4.96'
Y17
TOG=7.86'
INV IN 15" RCP=5.57'
INV OUT=5.56'
Y16
TOG=8.67'
INV OUT 12" RCP =6.49'
Y15
TOG=8.70'
INV OUT 12" RCP =6.38'
Y14
TOG=8.68'
INV OUT 12" RCP =6.19'
Y13
TOG=9.39'
INV OUT 12" RCP =6.90'
Y12
TOG=8.80'
INV OUT 12" RCP =6.67'
Y11
TOG=9.06'
INV OUT 12" RCP =7.10'
SSMH22
TOP=11.04'
SSMH23
TOP=11.45'
CB10
RIM/BOC=11.59'
INV IN =6.32'
FULL OF WATER
CB11
RIM/BOC=11.48'
INV IN =6.57'
FULL OF WATER
CB9
RIM/BOC=11.43'
INV IN =6.21'
FULL OF WATER
CB8
RIM/BOC=11.63'
INV IN =6.00'
FULL OF WATER
CB7
RIM/BOC=11.67'
INV IN 30" RCP=6.05'
INV IN 12" RCP=6.06'
INV OUT 30" RCP=5.95'
CB6
RIM/BOC=11.58'
INV IN 30" RCP=5.90'
INV OUT 30" RCP=5.56'
CB5
RIM/BOC=11.30'
INV IN 30" RCP=5.72'
INV IN 12" RCP=5.82'
INV OUT 30" RCP=5.66'
CB4
RIM/BOC=11.07'
INV IN 30" RCP=5.81'
INV IN 12" RCP=5.76'
INV OUT 30" RCP=5.55'
CB3
RIM/BOC=10.82'
INV IN 30" RCP=4.96'
INV IN 15" RCP=4.92'
INV OUT=4.87'
CB2
RIM/BOC=10.71'
INV IN 30" RCP=4.87'
INV OUT 30" RCP=4.84'
8" WATER MAIN
(8"-PER COUNTY GIS)
U/GW
100' PUBLIC R/W (DB 319, PG 397)
MAIN ST / NC HWY 55
S86°19'33"E
696.62'
CONC SW
STOP SIGN
FOB
WM
PP
CP
EIR
ICV
FOP
RAMP
CO
TF
A/C
BRICK
HATSELL RD
30' PUBLIC R/W (DB 254, PG 150)
SR1712
SR1713
SR1714
SR1715
SR1716
SR1717
SR1718
SR1719
SR1720
SR1721
SR1722
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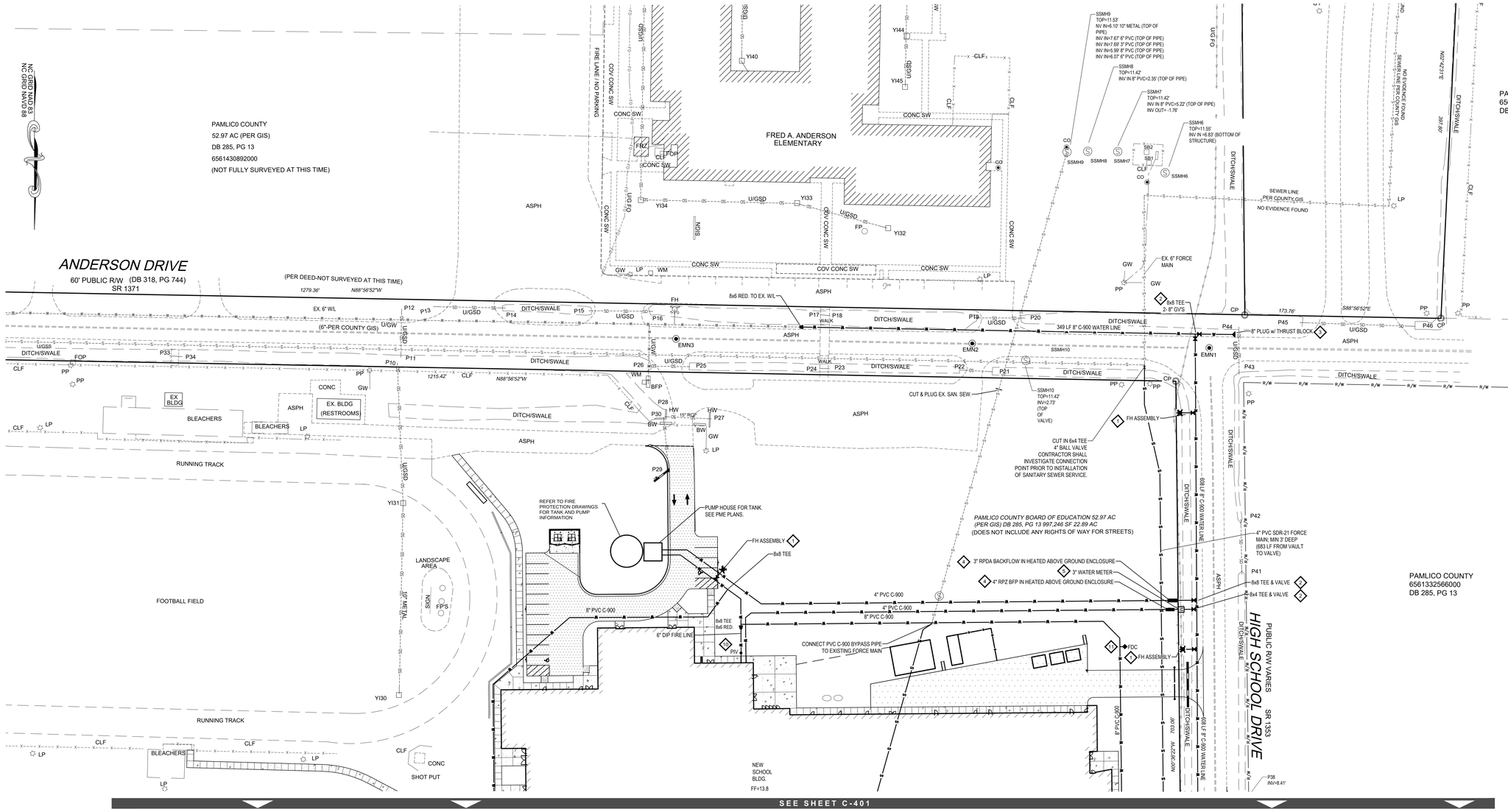
SR1751



VICINITY MAP (N.T.S.)

UTILITY NOTES

1. FIRE HYDRANT ASSEMBLY. SEE SHT. C-505, #7.
2. GATE VALVE. SEE SHT. C-505, #4 & #5.
3. PLUG W/ THRUST BLOCK. SEE SHT. C-505, #6.
4. RPDA/RPZ BACKFLOW PREVENTER IN HEATED ABOVE GROUND ENCLOSURE. SEE SHT. C-505, #8.
5. WATER METER IN VAULT. SEE SHT. C-505, #9.
6. NOT USED
7. SANITARY SEWER LATERAL. SEE SHT. C-504, #1.
8. SANITARY SEWER MANHOLE. SEE SHT. C-504, #3.
9. SANITARY SEWER CLEANOUT. SEE SHT. C-504, #5.
10. POST INDICATOR VALVE (PIV). SEE SHT. C-505, #13.
11. FIRE DEPT. CONNECTION (FDC). SEE SHT. C-505, #14.

WATER SERVICE NOTES

PAMLICO COUNTY WATER DEPARTMENT - (252) 745-5453

1. WATER MAINS AND SERVICE LATERALS SHALL HAVE A MINIMUM COVER OF 42-INCHES OR DIP SHALL BE USED. IF 42-INCHES OF COVER CANNOT BE PROVIDED AND DIP IS NOT SHOWN ON THE PLANS, CONSULT WITH THE ENGINEER (PRIOR TO USE OF DIP).
2. CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER MAINS & SERVICES w/ PAMLICO COUNTY WATER DEPARTMENT.
3. INSTALLATION AND TESTING OF ALL WATER MAINS & SERVICES SHALL MEET ALL PAMLICO COUNTY WATER DEPARTMENT & STATE SPECIFICATIONS & REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN A HORIZONTAL CLEARANCE BETWEEN ALL WATER AND SANITARY SEWER MAINS OF AT LEAST 10-FEET. WHEN NECESSARY, AND WITH THE PERMISSION OF THE ENGINEER AND PWC, THE SEPARATION DISTANCE CAN BE REDUCED TO 5-FEET IF THE WATER LINE MAINTAINS A VERTICAL CLEARANCE OF AT LEAST 18-INCHES ABOVE THE SEWER LINE. IF A SEWER LINE MUST BE ROUTED ABOVE A WATER LINE, THEN BOTH MUST BE MADE OF DIP WITH JOINTS EQUIVALENT TO WATER MAIN STANDARDS--WITH A SECTION OF WATER MAIN CENTERED UNDERNEATH THE SEWER MAIN.
5. WATER MAINS CROSSING OVER, OR UNDER, STORM SEWERS MUST MAINTAIN A VERTICAL SEPARATION OF AT LEAST 12-INCHES. IN ADDITION, IF A WATER MAIN MUST CROSS UNDER A STORM SEWER, IT SHALL BE MADE OF DIP FOR A MINIMUM OF 10 FEET ON BOTH SIDES OF THE CROSSING.
6. CONTRACTOR SHALL INSTALL MECHANICALLY RESTRAINED JOINTS PER PAMLICO COUNTY WATER DEPARTMENT & STATE REQUIREMENTS.
7. CONTRACTOR SHALL NOTIFY PAMLICO COUNTY WATER DEPARTMENT AND ENGINEER OF RECORD FOURTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO INSTALL WATER MAINS / SERVICES.
8. CONTRACTOR SHALL NOT OBSTRUCT MAINTENANCE OR ACCESS TO UTILITIES LOCATED WITHIN EASEMENTS.

SANITARY SEWER SERVICE NOTES

BAY RIVER METROPOLITAN SEWER DISTRICT (252) 745-4812

1. SANITARY SEWER SERVICES & MAINS SHALL HAVE A MINIMUM COVER OF 36-INCHES OR AS REQUIRED BY CODE.
2. CONTRACTOR SHALL COORDINATE INSTALLATION OF SANITARY SEWER MAINS & SERVICES w/ BAY RIVER METROPOLITAN SEWER DISTRICT.
3. ALL SANITARY SEWER MAINS & SERVICES SHALL BE INSTALLED & AIR-TESTED ACCORDING TO BAY RIVER METROPOLITAN SEWER DISTRICT & STATE SPECIFICATIONS & REQUIREMENTS.
4. CONTRACTOR SHALL MAINTAIN A HORIZONTAL CLEARANCE BETWEEN ALL WATER & SANITARY SEWER MAINS OF AT LEAST 10-FEET.
5. THE MINIMUM VERTICAL CLEARANCE BETWEEN WATER & SANITARY SEWER LINES SHALL BE 18-INCHES UNLESS DUCTILE IRON IS SPECIFIED. THE MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER & STORM DRAINAGE LINES SHALL BE 24-INCHES UNLESS DUCTILE IRON IS SPECIFIED.
6. CONTRACTOR SHALL NOTIFY BAY RIVER METROPOLITAN SEWER DISTRICT AND ENGINEER OF RECORD FOURTY-EIGHT (48) HOURS IN ADVANCE PRIOR TO INSTALL SANITARY SEWER MAINS / SERVICES.
7. CONTRACTOR SHALL NOT OBSTRUCT MAINTENANCE OR ACCESS TO UTILITIES LOCATED WITHIN EASEMENTS.

ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON TITLE PAGE SHALL APPLY TO THIS PLAN.**
2. ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR WITH THE SURVEYOR OF RECORD PRIOR TO BEGINNING CONSTRUCTION. BENCHMARK IS AN BRASS DISK SET IN CONC SW IN THE NORTHWEST AREA OF THE SITE WITH COORDINATES N 514442.74 E 2663741.64 AND AN ELEVATION OF 10.85'.

GRAPHIC SCALE (IN FEET) 1 inch = 40 ft.

1 C-402 **UTILITY PLAN**
1" = 40'

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 027502 KEVIN S. LINDSEY 12-20-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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UTILITY PLAN

C-402

THE FOLLOWING WAS TAKEN FROM THE STATE OF NORTH CAROLINA'S *EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL*

TABLE 6.11v
SEEDING No. 7CP FOR : GRASS-LINED CHANNELS; COASTAL PLAIN, LOWER PIEDMONT, AND DRY SOILS IN THE CENTRAL PIEDMONT

SEEDING MIXTURE:

SPECIES:	RATE (lb/acre):
COMMON BERMUDAGRASS	40-80 (1-2 lb/1,000 sf)

SEEDING DATES:
1. COASTAL PLAIN: APR. - JULY.
2. PIEDMONT: APR. 15 - JUNE 30

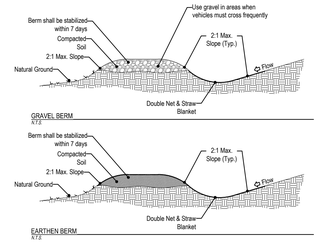
SOIL AMENDMENTS:
APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 500 lb/acre 10-10-10- FERTILIZER.

MULCH:
USE JUTE, EXCELSIOR MATTING, OR OTHER EFFECTIVE CHANNEL LINING MATERIAL TO COVER THE BOTTOM OF CHANNELS AND DITCHES. THE LINING SHOULD EXTEND ABOVE THE HIGHEST CALCULATED DEPTH OF FLOW, ON CHANNEL SIDE SLOPES ABOVE THIS HEIGHT, AND IN DRAINAGES NOT REQUIRING TEMPORARY LININGS, APPLY 4,000 lb/acre GRAIN STRAW AND ANCHOR STRAW BY STAPLING NETTING OVER THE TOP.
MULCH AND ANCHORING MATERIALS MUST NOT BE ALLOWED TO WASH DOWN SLOPES WHERE THEY CAN CLOG DRAINAGE DEVICES.

MAINTENANCE:
A MINIMUM OF 3 WEEKS IS REQUIRED FOR ESTABLISHMENT. INSPECT AND REPAIR MULCH FREQUENTLY. REFERTILIZE THE FOLLOWING APR. WITH 50 lb/acre NITROGEN.

1 C-500 PERMANENT SEEDING - 7CP

NO SCALE



Construction Specifications:

1. Remove and properly dispose of al trees, brush, stumps, and other objectionable material.
2. Ensure that the minimum constructed cross section meets all design requirements.
3. Ensure that the top of the dike is not lower at any point than the design elevation plus the specified settlement.
4. Provide sufficient room around diversions to permit machine regrading and cleanout.
5. Vegetate the ridge immediately after construction, unless it will remain in place for less than 30 working days.

Maintenance:

Inspect temporary diversions once a week and after every rainfall. Immediately remove sediment from the flow area and repair the diversion ridge. Carefully check outlets and make timely repairs as needed. When the area protected is permanently stabilized, remove the ridge and the channel to blend with the natural ground level and appropriately stabilize it.

THE FOLLOWING WAS TAKEN FROM THE STATE OF NORTH CAROLINA'S *EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL*

TABLE 6.10s
TEMPORARY SEEDING RECOMMENDATIONS FOR LATE WINTER & EARLY SPRING

SEEDING MIXTURE:

SPECIES :	RYE (grain)	ANNUAL LESPEDEZA (KOBE IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS)
RATE :	120 lb/acre	50 lb/acre

*OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

SEEDING DATES:
MOUNTAINS: ABOVE 2500 FT: FEB. 15 - MAY. 15
BELOW 2500 FT: FEB 1 - MAY 1
PIEDMONT: JAN. 1 - MAY. 1
COASTAL PLAIN: DEC. 1 - APR. 15

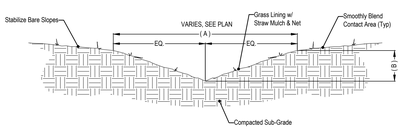
SOIL AMENDMENTS:
FOLLOW SOIL TESTS OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER

MULCH:
APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE:
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE,

2 C-500 TEMPORARY SEEDING SPECIFICATION - LATE WINTER & EARLY SPRING

NO SCALE



SECTION VIEW
N.T.S.

Swale Number	Item Value	
	A	B
1	9'	0.75'
2	17'	0.4'
3	16'	0.9'
4	12'	1'
5	24'	1.2'
6	12'	1.0'
7	40'	0.7'
8	24'	1.3'
9	18'	0.75'

Maintenance:

1. During the established period, check grass-lined channels after every rainfall. After grass is established, periodically check the channel; check it after every heavy rainfall event. Immediately make repairs. It is particularly important to check the channel outlet and all road crossing for bank stability and evidence of piping or scour holes. Remove all significant sediment accumulations to maintain the designed carrying capacity. Keep the grass in a healthy, vigorous condition at all times, since it is the primary erosion protection for the channel.

Construction Specifications:

1. Remove all trees brush stumps, and other objectionable material from the foundation area, and dispose of properly.
2. Excavate the channel, and shape it to neat lines and dimensions shown on the plans plus a 0.2-foot overcut around the channel perimeter to allow for bulking during seedbed preparations and sod buildup.
3. Remove and properly dispose of all excess soil so that surface water may enter the channel freely.
4. The procedure used to establish grass in the channel will depend upon the severity of the conditions and selection of species. Protect the channel with mulch or a temporary liner sufficient to withstand anticipated velocities during the establishment period.

THE FOLLOWING WAS TAKEN FROM THE STATE OF NORTH CAROLINA'S *EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL*

TABLE 6.10b
TEMPORARY SEEDING RECOMMENDATIONS FOR SUMMER

SEEDING MIXTURE:

SPECIES :	GERMAN MILLET
RATE :	40 lb/acre

SEEDING DATES:
MOUNTAINS: MAY. 15 - AUG. 15
PIEDMONT: MAY. 1 - AUG. 15
COASTAL PLAIN: APR. 15 - AUG. 15

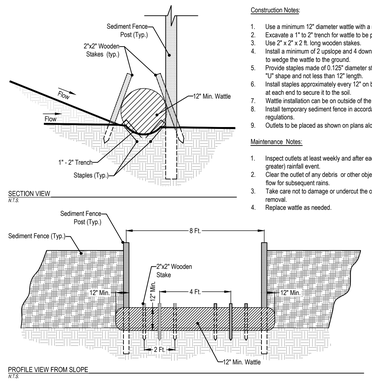
SOIL AMENDMENTS:
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 750 lb/acre 10-10-10 FERTILIZER.

MULCH:
APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE:
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

3 C-500 TEMPORARY SEEDING SPECIFICATION - SUMMER

NO SCALE



Construction Notes:

1. Use a minimum 12" diameter wattle with a minimum length of 10 ft.
2. Excavate a 1" to 2" trench for wattle to be placed.
3. Use 2" x 2" x 2 ft. long wooden stakes.
4. Install a minimum of 2 upslope and 4 downslope stakes at an angle to wedge the wattle to the ground.
5. Provide staples made of 0.125" diameter steel wire formed into a "U" shape and not less than 12" length.
6. Install staples approximately every 12" on both sides of wattle and at each end to secure it to the soil.
7. Wattle installation can be on outside of the silt fence as directed.
8. Install temporary sediment fence in accordance with NCDENR regulations.
9. Outlets to be placed as shown on plans along silt fence.

Maintenance Notes:

1. Inspect outlets at least weekly and after each significant (1/2" or greater) rainfall event.
2. Clear the outlet of any debris or other objects to provide adequate flow for subsequent rains.
3. Take care not to damage or undercut the outlet during sediment removal.
4. Replace wattle as needed.

4 C-500 TEMPORARY SEEDING SPECIFICATION - FALL

NO SCALE

THE FOLLOWING WAS TAKEN FROM THE STATE OF NORTH CAROLINA'S *EROSION AND SEDIMENT CONTROL PLANNING AND DESIGN MANUAL*

TABLE 6.10c
TEMPORARY SEEDING RECOMMENDATIONS FOR FALL

SEEDING MIXTURE:

SPECIES :	RYE (grain)
RATE :	120 lb/acre

SEEDING DATES:
MOUNTAINS: AUG. 15 - DEC. 15
COASTAL PLAIN AND PIEDMONT: AUG. 15 - DEC. 30

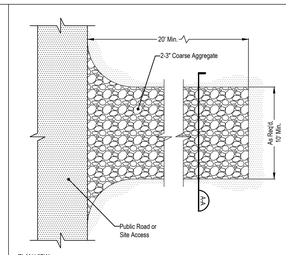
SOIL AMENDMENTS:
FOLLOW SOIL TESTS OR APPLY 2,000 lb/acre GROUND AGRICULTURAL LIMESTONE AND 1,000 lb/acre 10-10-10 FERTILIZER.

MULCH:
APPLY 4,000 lb/acre STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE:
REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH 50 lb/acre OR NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 lb/acre KOBE (PIEDMONT AND COASTAL PLAIN) OR KOREAN (MOUNTAINS) LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

5 C-500 GRAVEL CONSTRUCTION ENTRANCE

NO SCALE



Construction Specifications:

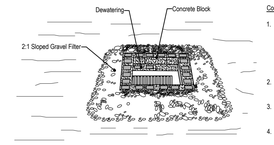
1. Clear the entrance and exit area of all vegetation, roots, and other objectionable material and properly grade it.
2. Place the gravel to the specific grade and dimensions shown on the plans and smooth it.
3. Provide drainage to carry water to a sediment trap or other suitable outlet.
4. Use geo-textile fabrics because they improve stability of the foundation in locations subject to seepage or high water table.

Maintenance:

Maintain the gravel pad in a condition to prevent mud or sediment from leaving the construction site. This may require periodic top dressing with 2-inch stone. After each rainfall, inspect any structure used to trap sediment and clean it out as necessary. Immediately remove all objectionable materials spilled, washed, or tracked onto public roadways.

6 C-500 DIVERSION BERM

NO SCALE



Construction Specifications:

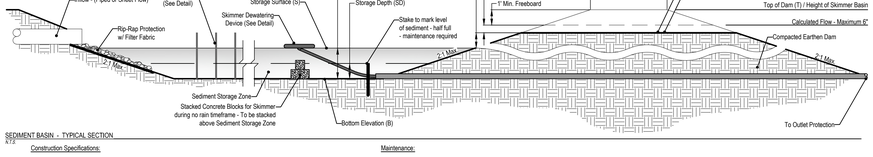
1. Lay one block on each side of the structure on its side in the bottom row to allow pool drainage. The foundation should be excavated at least 2 inches below the crest of the storm drain. Place the bottom row of blocks against the edge of the storm drain for lateral support and to avoid washouts when overflow occurs. If needed, give lateral support to subsequent rows by placing 2X4 wood studs through block openings.
2. Carefully fit hardware cloth or comparable wire mesh with 1/2-inch openings over all block openings to hold gravel in place.
3. Use clean gravel 3/4- to 1/2-inch in diameter, placed 2 inches below to top of the block on a 2:1 slope or flatter and smooth it to an even grade. DOT #57 washed stone is recommended.
4. If only stone and gravel are used, keep the slope toward the inlet no steeper than 3:1. Leave a minimum 1-foot wide level stone area between the structure and around the inlet to prevent gravel from entering inlet. On the slope toward the inlet, use stone 3 inches in diameter or larger. On the slope away from the inlet use 1/2- 3/4-inch gravel (NCDOT #57 washed stone) at a minimum thickness of 1 foot.

Maintenance:

Inspect the barrier at least weekly and after each significant (1/2-inch or greater) rainfall and make repairs as needed. Remove sediment as necessary to provide adequate storage volume for subsequent rains. When the contributing drainage area has been adequately stabilized, remove all materials and any unstable soil, either salvage or dispose of it properly. Bring the disturbed areas to proper grade, then smooth and compact it. Appropriately stabilize all bare areas around the inlet.

7 C-500 SWALE (V-SHAPED GRASS)

NO SCALE



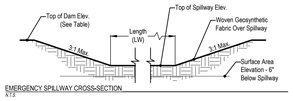
Construction Specifications:

1. Site preparations - Clear, grub, and strip topsoil from areas under the embankment to remove trees, vegetation, roots, and other objectionable material. Delay clearing the pool area until the dam is complete and then remove brush, trees, and other objectionable materials to facilitate sediment cleanout. Stockpile all topsoil or soil containing organic matter for use on the outer shell of the embankment to facilitate vegetative establishment. Place temporary sediment control measures below basin as needed.
2. Embankment - Take fill material from the approved areas shown on the plans. It should be clean mineral soil, free of roots, woody vegetation, rocks and other objectionable material. Scarify areas on which fill is to be placed before placing fill. The fill material. must contain sufficient moisture so it can be formed by hand into a ball without crumbling. If water can be squeezed out of the ball, it is too wet for proper compaction. Place fill material in 6 to 8 inch continuous layers over the entire length of the fill area and compact it. Compaction may be obtained by routing the construction hauling equipment over the fill so that the entire surface of each layer is traversed by at least one wheel or tread track of heavy equipment, or a compactor may be used. Construct the embankment to an elevation 10 percent higher than the design height to allow for settling.
3. Emergency Spillway - Install the emergency spillway in undisturbed soil. The achievement of planned elevations, grade, design width, and entrance and exit channel slopes are critical to the successful operation of the emergency spillway.
4. Inlets - Discharge water into the basin in a manner to prevent erosion. Use diversions with outlet protection to divert sediment-laden water to the upper end of the pool area to improve basin trap efficiency (References: Runoff Control Measures and Outlet Protection).
5. Erosion Control - Construct the structure so that the disturbed area is minimized. Divert surface water away from bare areas. Complete the embankment before the area is cleared. Stabilized the emergency spillway embankment an all other disturbed areas above the crest of the principal spillway immediately after construction. (References: Surface Stabilization).
6. Install porous baffles as specified in Practice 6.65, Porous Baffles.
7. Safety - Skimmer basins may attract children and can be dangerous. Avoid steep side slopes, and fence and mark basin with warning signs if trespassing is likely. Follow all state and local requirements.

Maintenance:

Inspect temporary skimmer basins at least weekly and after each significant (1/2-inch or greater) rainfall event and repair immediately. Remove sediment and restore the basin to its original dimensions when it accumulates to one-halk the design depth. Place removed sediment in an area with sediment controls.

Check the embankment, spillways, and outlet for erosion damage, and inspect the embankment for piping and settlement. Make all necessary repairs immediately. Remove all trash and other debris from the riser and pool area.

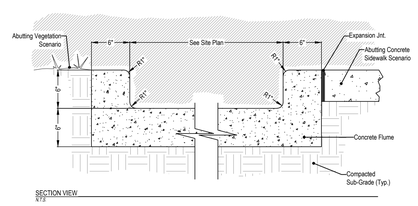


8 C-500 SEDIMENT FENCE WITH WATTLE OUTLET

NO SCALE

9 C-500 CONCRETE FLUME VARIABLE

NO SCALE



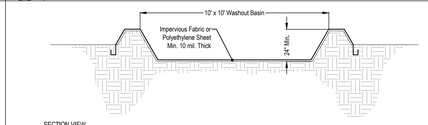
General Notes:

1. All concrete shall be 3,000 psi tested.
2. Control joints shall be placed every 10-feet along the longitudinal length of the flume run. Expansion joints shall be placed every 30-feet along the longitudinal length of the flume run.

TYPICAL CONCRETE FLUME
NOT TO SCALE

10 C-500 CONCRETE WASHOUT PIT

NO SCALE



General Notes:

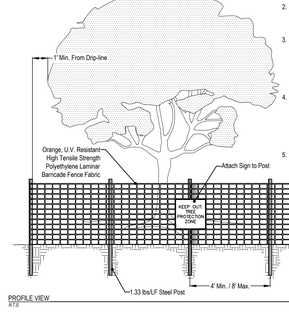
1. Install concrete washout pit at location(s) as shown on plans.
2. Line pit with impervious fabric or polyethylene sheet. Anchor fabric into ground outside pit as shown.
3. Maximum water and sediment depth is 12 inches. Pit must be excavated and re-lined when depth of sediment reaches 12 inches or combined water/sediment exceeds 12 inches following washout of concrete truck.
4. Allow water to evaporate completely prior to excavating pit.
5. Washout pit may be located no closer than 50 feet to drains, inlets, or surface waters.

Handling of Concrete Notes:

1. Concrete materials on site, including excess concrete, must be controlled and managed to avoid contact with surface waters, wetlands, or buffers. No concrete or cement slurry shall be discharged from the site.
2. All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. Plastic lining material should be a minimum of 10 mil polyethylene sheeting or similar strength material and free of holes or tears that compromise the impermeability of the material.
3. All washout operations must be at least 50 feet from storm drains or waterbodies unless individual site difficulties make this requirement impractical. A reduction of this distance requirement will be allowed on a case-by-case basis if the permitting authority determines that the washout facility with a reduced buffer will adequately protect the water quality in adjacent streams.
4. Washout of concrete trucks shall be performed in designated areas only.
5. A sign must be installed adjacent to each washout facility to inform concrete equipment operators about the requirement to use the facility.
6. The hardened residue from the concrete washout will be disposed of in the same manner other non-hazardous construction waste materials or may be broken up and used on site as deemed appropriate by the contractor. Maintenance of the washout is to include removal of hardened concrete. Facility shall have sufficient volume to contain all the concrete waste resulting from washout and a minimum freeboard of 12 inches. Facility shall not be filled beyond 95% capacity and shall be cleaned out once 75% full unless a new facility is constructed.
7. Portable, removable containers may be used as above grade concrete washouts provided truck operators are able to wash individual chute sections out over the washout.
8. If stored liquids have not evaporated and the washout is nearing capacity, the liquids may be vacuumed and disposed of off-site in a legally acceptable manner or disposed of on-site in a manner and location that it will not reach streams and other bodies of water. On-site pits and other infiltration devices will be acceptable if the device is designated to infiltrate the anticipated volume of water and approved prior to its use by the permitting authority.

11 C-500 BLOCK & GRAVEL INLET PROTECTION

NO SCALE

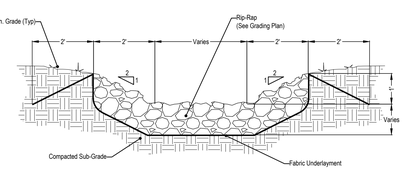


General Notes:

1. Contractor shall be responsible for installing and maintaining tree protection fencing around all trees within the vicinity of the construction activity so as to prevent root system damage.
2. Tree protection fencing shall be installed prior to beginning any construction or other development activity, and shall be maintained at all times throughout the duration of the project until final site inspection.
3. Tree protection fencing shall be installed no closer than 12-inches outside the tree drip-line. Areas located within the limits of the tree protection fencing shall be considered a Tree Protection Zone. No construction, grading, equipment, material storage, or any other activity shall be allowed within the Tree Protection Zones.
4. Signs indicating the Tree Protection Zones shall be installed along the perimeter of the tree protection fencing. Space signs a minimum of one every 300-ft. The size of each sign shall be a minimum of 2' x 2' and be visible from both sides of the fence. Signs shall display the following language in both English and Spanish: "Keep Out: Tree Protection Zone"
5. All tree protection measures shall be subject to inspection without notice.

12 C-500 SKIMMER BASIN

NO SCALE



Construction Specifications:

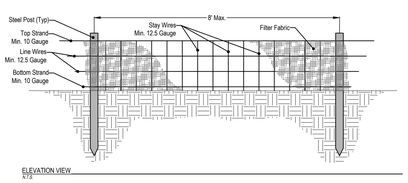
1. Clear the foundation area of trees, stumps, roots, loose rock, and other objectionable material.
2. Excavated the cross section to the lines and grades of the foundation of the liner as shown on the plans. Bring over-excavated areas to grade by increasing the thickness of the liner or by backfilling with moist soil compacted to the density of the surrounding material.
3. Place fillers, beddings, and foundation drains to line and grade in the manner specified. . Place filter and bedding materials immediately after slope preparation. For synthetic filter fabrics, overlap the downstream edge by at least 12 inches with the upstream edge which is buried a minimum 12 inches in a trench. Space anchor pins every 3 feet along the overlap. spread granular materials in a uniform layer. When more than on gradation is required, spread the layers so there is minimal mixing. Filter material should consist of a least 3 inches of material on all sides of the drain pipe.
4. Perform all channel construction to keep erosion and water pollution to a minimum. Immediately upon completion of the channel, vegetate all disturbed areas or otherwise protect them against soil erosion. Where channel construction will take longer than 30 days, stabilize channels by reaches.

Maintenance:

Inspect channels at regular intervals as well as after major rains, and make repairs promptly. Give special attention to the outlet and inlet sections and other points where concentrated flow enter. Carefully check stability at road crossing, and look for indications of piping, scour holes, or bank failures. Make repairs immediately. Maintain all vegetation adjacent to the channel in a healthy, vigorous condition to protect the area from erosion and scour during out-of-bank flow.

13 C-500 FLOATING SKIMMER

NO SCALE



Construction Specifications - Materials:

1. Use a synthetic filter fabric of at least 95% by weight of polyolefins or polyester, which is certified by the manufacturers or supplier as conforming to the requirements in ASTM D6461, which is shown in part in Table 6.62b of the North Carolina Erosion and Sedimentation Control Design Manual. Synthetic filter fabric should contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0 of 120°F.
2. Ensure that posts for sediment fences are 1.33 lb/linear ft. steel with a minimum length of 5 feet. Make sure that steel posts have projections to facilitate fastening the fabric.
3. for reinforcement of standard strength filter fabric, use wire fence with a minimum 14 gauge and a maximum mesh spacing of 6 inches.

Construction Specifications - Construction:

1. Construct the sediment barrier of standard strength or extra strength synthetic filter fabrics.
2. Ensure that the height of the sediment fence does not exceed 24 inches above the ground surface. (Higher fences may impound volumes of water sufficient to cause failure of the structure).
3. Construct the filter fabric from continuous roll cut to the length of the barrier to avoid joints. When joints are necessary, securely, fasten the filter cloth only at support post with 4 feet minimum overlap to the next post.
4. Support standard strength filter fabric by wire mesh fastened securely to the upslope side of the posts. Extend the wire mesh support to the bottom of the trench. Fasten the wire reinforcement, the fabric to the upslope side of the fence post. Wire or plastic zip ties should have minimum 50 pound tensile strength.
5. When a wire mesh support fence is used, space posts a maximum of 8 feet apart. Support posts should be driven securely into the ground a minimum of 24 inches.
6. Extra strength filter fabric with 6 feet post spacing does not require wire mesh support fence. Securely fasten the filter fabric directly to posts. Wire or plastic zip ties should have a minimum 50 pound tensile strength.
7. Excavate a trench approximately 4 inches wide and 8 inches deep along the proposed line of posts and upslope from the barrier (Figure 6.62a, North Carolina Erosion and Sedimentation Control Design Manual)
8. Place 12 inches of the fabric along the bottom and side of the trench.
9. Backfill the trench with soil placed over the filter fabric and compact. Thorough compaction of the backfill is critical to silt fence performance.

Installation Specifications:

1. The base of both end posts should be at least one foot higher than the middle of the fence. Check with level if necessary.
2. Install posts 4 feet apart in critical areas and 6 feet apart on standard applications.
3. Install posts 2 feet deep on the downstream side of the silt fence, and as close as possible to the fabric, enabling posts to support the fabric from the upstream water pressure.
4. Install posts with the nipples facing away from the silt fabric.
5. Attach the fabric to each post with three ties, all spaced within the top 8 inches of the fabric. Attach eat tie diagonally 45 degrees through the fabric, with each puncture at least 1 inch vertically apart. Also, each tie should be positioned to hang on the post nipple when tightened to prevent sagging.
6. Wrap approximately 6 inches of fabric around the end posts and secure with 3 ties.
7. No more than 24 inches of a 36 inch fabric is allowed above ground level.
8. The installation should be checked and corrected for any deviations before compaction.
9. Compaction is vitally important for effective results. Compact the soil immediately next to the silt fence fabric with the front wheel of the tractor, skid steer, or roller exerting at least 60 pounds per square inch. Compact the upstream side first, and then each side twice for a total of 4 trips.

Maintenance:

Inspect sediment fences at least once a week and after each rainfall. Make any required repairs immediately. Should the fabric of a sediment fence collapse, tear, decompose, or become ineffective, replace it promptly. Remove sediment deposits as necessary to provide adequate storage volume for the next rain and to reduce pressure on the fence. Take care to avoid undermining the fence during cleanout. Remove all fencing materials and unstable sediment deposits and bring the area to grade and stabilize it after the contributing drainage area has been properly stabilized.

14 C-500 TREE PROTECTION FENCING

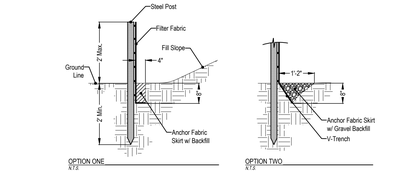
NO SCALE

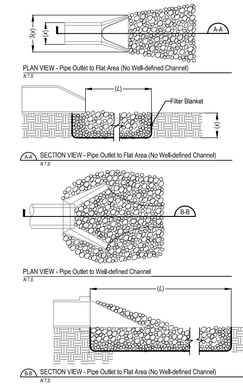
15 C-500 VELOCITY DISSIPATOR

NO SCALE

16 C-500 SEDIMENT FENCE

NO SCALE





General Notes:

1. " L " is the length of riprap apron.
2. " X " equals 1.5 times the maximum stone diameter but not less than 6-inches.
3. In a well-defined channel extent the apron up the channel banks to an elevation of 6-inches above the maximum tailwater depth or the top of the bank, whichever is less.
4. A filter blanket or filter fabric should be installed between the riprap or soil foundation.

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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DETAILS

C-500

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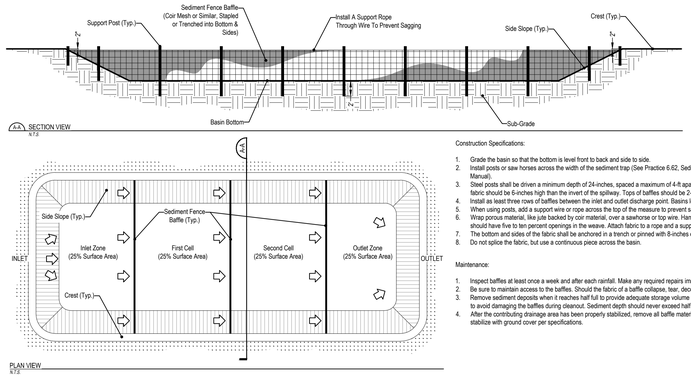


Construction Specifications:

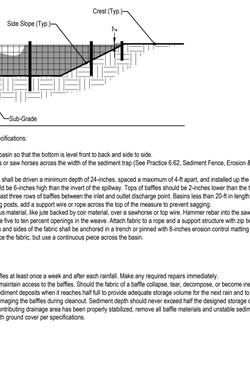
1. Grade the basin so that the bottom is level front to back and side to side.
2. Install posts or saw horses across the width of the sediment trap (See Practice 6.62, Sediment Fence, Erosion & Sedimentation Control Planning & Design Manual).
3. Steel posts shall be driven a minimum depth of 24-inches, spaced a maximum of 4-ft apart, and installed up the sides of the basin as well. The top of the fabric should be 6-inches high than the invert of the spillway. Tops of baffles should be 2-inches lower than the top of the berms.
4. Install as least three rows of baffles between the inlet and outlet discharge point. Basins less than 20-ft in length may use two baffles.
5. When using posts, add a support wire or rope across the top of the measure to prevent sagging.
6. Wrap porous material, like jute backed by coir material, over a sawhorse or top wire. Hammer rebar into the sawhorse legs for anchoring. The fabric should have five to ten percent openings in the weave. Attach fabric to a rope and a support structure with zip ties, wire, or staples.
7. The bottom and sides of the fabric shall be anchored in a trench or pinned with 8-inches erosion control matting staples.
8. Do not splice the fabric, but use a continuous piece across the basin.

Maintenance:

1. Inspect baffles at least once a week and after each rainfall. Make any required repairs immediately.
2. Be sure to maintain access to the baffles. Should the fabric of a baffle collapse, tear, decompose, or become ineffective, replace it promptly.
3. Remove sediment deposits when it reaches half full to provide adequate storage volume for the next rain and to reduce pressure on the baffles. Take care to avoid damaging the baffles during cleanout. Sediment depth should never exceed half the designed storage depth.
4. After the contributing drainage area has been properly stabilized, remove all baffle materials and unstable sediment deposits; bring area to grade and stabilize with ground cover per specifications.

1 C-501 **POROUS BAFFLES**

NO SCALE

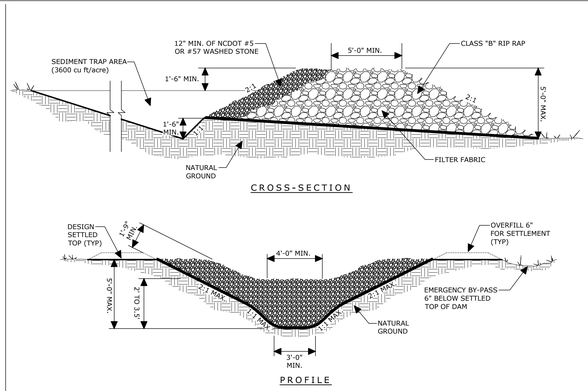


General Notes:

1. Sign shall meet all current M.U.T.C.D. requirements for regulatory sign R1-1.
2. All hardware to include, but not limited too, nuts, bolts, washers, and other related fasteners shall be stainless steel.
3. Sign material shall be 1/8" thick Engineer Grade reflective aluminum sheeting.

2 C-501 **STOP SIGN**

NO SCALE



CONSTRUCTION SPECIFICATIONS:

1. CLEAR, GRUB, AND STRIP THE AREA UNDER THE EMBANKMENT OF ALL VEGETATION AND ROOT MAT. REMOVE ALL SURFACE SOIL CONTAINING HIGH AMOUNTS OF ORGANIC MATTER, AND STOCKPILE OR DISPOSE OF IT PROPERLY. HAUL ALL OBJECTIONABLE MATERIAL TO THE DESIGNATED DISPOSAL AREA.
2. ENSURE THAT FILL MATERIAL FOR THE EMBANKMENT IS FREE OF ROOTS, WOODY VEGETATION, ORGANIC MATTER, ROCKS LARGER THAN 6-INCHES IN DIAMETER, AND ANY OTHER DEBRIS EXCEED 9-INCHES, AND MACHINE COMPACT IT. OVER FILL THE EMBANKMENT 6-INCHES TO ALLOW FOR SETTLEMENT.
3. CONSTRUCT THE OUTLET SECTION IN THE EMBANKMENT. PROTECT THE CONNECTION BETWEEN THE RIPRAP AND THE SOIL FROM PIPING BY USING FILTER FABRIC OR A KEYWAY CUTOFF TRENCH BETWEEN THE RIPRAP STRUCTURE AND SOIL.
   - PLACE THE FILTER FABRIC BETWEEN THE RIPRAP AND THE SOIL. EXTEND THE FABRIC ACROSS THE BOTTOM AND UP THE SIDES TO THE HEIGHT OF THE DAM.
   - EXCAVATE A KEYWAY TRENCH ALONG THE CENTER LINE OF THE SPILLWAY FOUNDATION EXTENDING UP THE SIDES TO THE HEIGHT OF THE DAM. THE TRENCH SHOULD BE AT LEAST 2 FEET DEEP AND 2 FEET WIDE WITH 1:1 SIDE SLOPES.
4. CLEAR THE POND AREA BELOW THE ELEVATIONOF THE CREST OF THE SPILLWAY TO FACILITATE SEDIMENT CLEANOUT.
5. ENSURE THAT FILL SLOPES SHOULD BE 2:1 OR FLATTER.
6. ENSURE THAT THE STONE DRAINAGE SECTION OF THE EMBANKMENT HAS A MINIMUM BOTTOM WIDTH OF 3 FEET AND MAXIMUM SIDE SLOPES OF 1:1 THAT EXTEND TO THE BOTTOM OF THE SPILLWAY SECTION.
7. CONSTRUCT THE MINIMUM FINISHED STONE SPILLWAY BOTTOM WIDTH, AS SHOWN ON THE PLANS, WITH 2:1 SIDE SLOPES EXTENDING TO THE TOP OF THE OVER FILLED EMBANKMENT. KEEP THE THICKNESS OF THE SIZE OF THE SPILLWAY OUTLET STRUCTURE AT A MINIMUM OF 21 INCHES. THE WIDTH MUST BE LEVEL AND CONSTRUCTED TO GRADE TO ASSURE DESIGN CAPACITY.
8. PLACE RIPRAP OVER THE FILTER FABRIC. USE RIPRAP THAT CONSISTS OF WELL-GRADED STONE A 050 SIZE OF 9 INCHES (CLASS B EROSION CONTROL STONE IS RECOMMENDED) AND A MAXIMUM STONE SIZE OF 14 INCHES. THE STONE MAY BE MACHINE PLACED AND THE SMALLER STONES WORKED INTO THE VOIDS OF THE LARGER STONES. THE STONE SHOULD BE HARD, ANGULAR, AND HIGHLY WEATHER-RESISTANT.
9. DISCHARGE INLET WATER INTO THE BASIN IN A MANNER TO PREVENT EROSION. USE TEMPORARY SLOPE DRAINS OR DIVERSIONS WITH OUTLET PROTECTION TO DIVERT SEDIMENT-LADEN WATER TO THE UPPER END OF THE POOL AREA TO IMPROVE BASIN TRAP EFFICIENCY.
10. ENSURE THAT THE OUTLET PROTECTS AGAINST ACCELERATED DOWNSTREAM PAST THE TOE OF THE EMBANKMENT UNTIL STABLE CONDITIONS ARE REACHED AND OUTLET VELOCITY IS ACCEPTABLE FOR THE RECEIVING STREAM. KEEP THE EDGES OF THE STONE OUTLET SECTION FLUSH WITH THE SURROUNDING GROUND, AND SHAPE THE CENTER TO CONFINE THE FLOW TO THE OUTFLOW STREAM.
11. DIRECT EMERGENCY BYPASS TO NATURAL STABLE ARES. LOCATE BYPASS OUTLETS SO THAT FLOW WILL NOT DAMAGE THE EMBANKMENT.
12. STABILIZE THE EMBANKMENT AND ALL DISTURBED AREAS ABOVE THE SEDIMENT POOL AND DOWNSTREAM AREAS AS SPECIFIED IN PRACTICE 6.65, PERMANENT SEEDING.
13. SHOW THE DISTANCE FROM THE TOP OF THE SPILLWAY TO THE SEDIMENT CLEANOUT LEVEL (1/2 THE DESIGN DEPTH) ON THE PLANS AND MARK IT IN THE FIELD.
14. INSTALL POROUS BAFFLES AS SPECIFIED IN PRACTICE 6.65, POROUS BAFFLES.

MAINTENANCE:

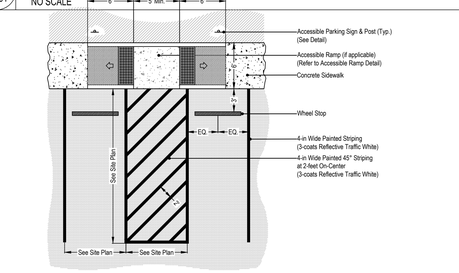
INSPECT TEMPORARY SEDIMENT TRAPS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (0.5" OR GREATER) RAINFALL EVENT AND REPAIR IMMEDIATELY.REMOVE SEDIMENT, AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA, AND REPLACE THE PART OF THE GRAVEL FACING THAT IS INMPAIRED BY SEDIMENT.

CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PIPING. PERIODICALLY CHECK THE DEPTH OF THE SPILLWAYS TO ENSURE IT IS A MINIMUM OF 1.5 FEET BELOW THE LOW POINT OF THE EMBANKMENT. IMMEDIATELY FILL ANY SETTLEMENT OF THE EMBANKMENT TO SLIGHTLY ABOVE DESIGN GRADE. ANY RIPRAP DISPLACED FROM THE SPILLWAY MUST BE REPLACED IMMEDIATELY.

AFTER ALL SEDIMENT-PRODUCING AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE THE STRUCTURE AND ALL UNSTABLE SEDIMENT. SMOOTH THE AREA TO BLEND WITH THE ADJOINING AREAS, AND STABILIZE PROPERLY (REFERENCES: SURFACE STABILIZATION).

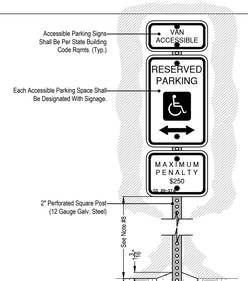
3 C-501 **SEDIMENT TRAP**

NO SCALE



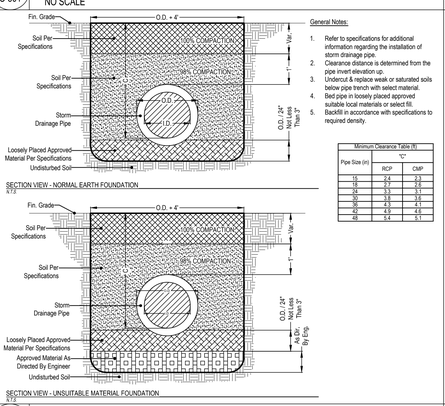
General Notes:

1. Contractor shall conform to all current State Building Code Requirements.
2. All accessible parking spaces shall be identified by above-ground signs only (See N.C.G.S.).
3. New accessible parking spaces SHALL NOT USE ground-painted symbols.
4. Accessible Parking areas shall have a maximum pavement slope of (2) percent in all directions.
5. Painted striping shall be applied in a straight and consistent manner. Paint shall be applied so as to provide full and complete coverage. Paint shall conform to NCDOT Standards For Roads and Structures unless otherwise specified.
6. All hardware to include, but not limited too, nuts, bolts, washers, and other related fasteners shall be stainless steel.
7. Sign material shall be 1/8" thick Engineer Grade reflective aluminum sheeting.
8. Mounting height of accessible parking signage shall be determined by one of the following conditions:
   - 8.1. If Pedestrians do not walk by/under signs; mounting height shall be 60-inches
   - 8.2. If Pedestrians walk by/under signs; mounting height shall be 84-inches



4 C-501 **VAN ACCESSIBLE PARKING SPACE STRIPING AND SIGNAGE**

NO SCALE



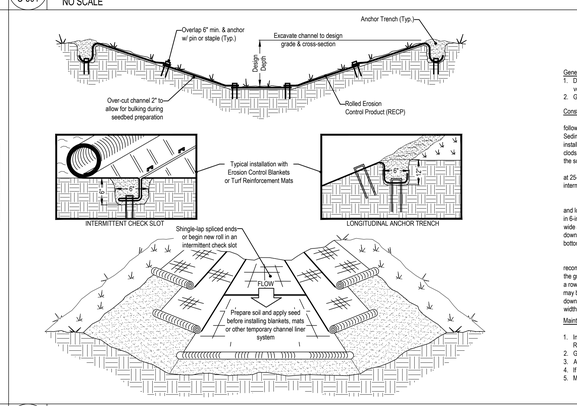
General Notes:

1. Refer to specifications for additional information regarding the installation of storm drainage pipe.
2. Clearance distance is determined from the pipe invert elevation up.
3. Undercut & replace weak or saturated soils below pipe trench with select material.
4. Bed pipe in loosely placed approved suitable local materials or select fill.
5. Backfill in accordance with specifications to required density.

Minimum Clearance Table (B)		
Pipe Size (in)	"C"	
	RCP	CMP
15	2.4	2.3
18	2.7	2.6
24	3.2	3.1
30	3.8	3.5
36	4.3	4.1
42	4.9	4.6
48	5.4	5.1

5 C-501 **PIPE BEDDING - STORM**

NO SCALE



General Notes:

1. Design velocities exceeding 2-ft/sec require temporary blankets, mats or similar liners to protect seed and soil until vegetation becomes established.
2. Grass-lined channels with design velocities exceeding 6-ft/sec should include turf reinforcement.

Construction Specifications:

Grade the surface of installation areas so that the ground is smooth and loose. When seeding prior to installation, follow the steps for seed bed preparation, soil amendments, and seeding in Surface Stabilization, 6.1 (NC Erosion & Sedimentation Control Design Manual. All gullies, rills, and any other disturbed areas must be fine graded prior to installation. Spread seed before Turf Reinforcement Matting (TRM) installation. (Important: Remove all large rocks, dirt clods, stumps, roots, grass clumps, trash, and other obstructions from the soil surface to allow for direct contact between the soil surface and the TRM.)

Terminal anchor trenches are required at TRM ends and intermittent trenches must be constructed across channels at 25-ft intervals. Terminal anchor trenches should be a minimum of 12-inches in depth and 6-inches in width, while intermittent trenches need be only 6-inches deep and 6-inches wide.

Installation in Channels - Excavate terminal trenches (12-in deep and 6-in wide) across the channel at the upper and lower end of the lined channel sections. At 25-ft intervals along the channel, anchor the TRM across the channel either in 6-in by 6-in trenches or by installing two closely spaced rows of anchors. Excavate longitudinal trenches 6-in deep and wide along channel edges (above water line) in which to bury the outside TRM edges. Place the first TRM at the downstream end of the channel. Place the end of the first TRM in the terminal trench and pin it at 1-ft intervals along the bottom of the trench.

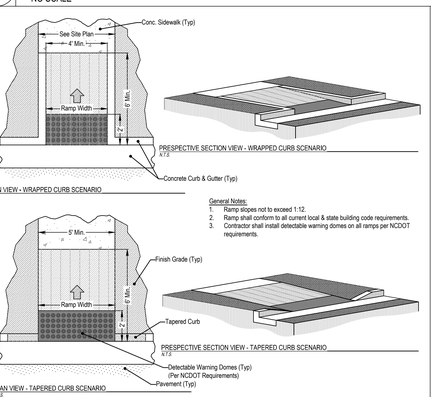
Anchoring Devices - 11 gauge, at least 6-in long by 1-in wide staples or 12-in minimum length wooden stakes are recommended for anchoring the TRM to the ground. Drive staples or pins so that the top of the staple or pin is flush with the ground surface. Anchor each TRM every 3-ft along its center. Longitudinal overlaps must be sufficient to accommodate a row of anchors and uniform along the entire length of overlap and anchored every 3-ft along the overlap length. Roll ends may be spliced by overlapping 1-ft (in the direction of water flow), with the upstream/upslope mat placed on top of the downstream/downslope TRM. This overlap should be anchored at 1-ft spacing across the TRM. When installing multiple width mats heat seamed in the factory, all factory seams and field overlaps should be similarly anchored.

Maintenance:

1. Inspect Turf Reinforcing Matting (TRM) at least weekly and after each significant (1/2-inch or greater) rain fall event. Repair immediately.
2. Good contact with the ground must be maintained, and erosion must not occur beneath the TRM.
3. Any areas of the TRM that are damaged or not in close contact with the ground shall be repaired and stapled.
4. If erosion occurs due to poorly controlled drainage, the problem shall be fixed and the eroded area protected.
5. Monitor and repair the TRM as necessary until ground cover is established.

6 C-501 **TURF REINFORCING MAT - CHANNEL**

NO SCALE

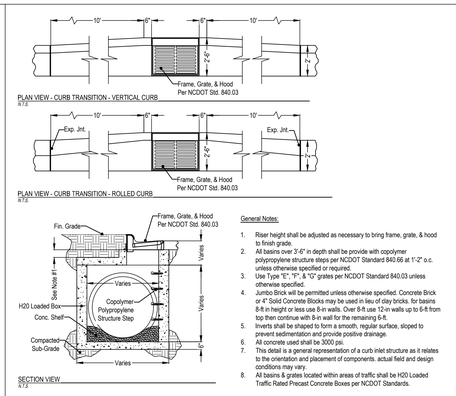


General Notes:

1. Ramp slopes not to exceed 1:12.
2. Ramp shall conform to all current local & state building code requirements.
3. Contractor shall install detectable warning domes on all ramps per NCDOT requirements.

7 C-501 **ADA ACCESSIBLE RAMP - NON-WING TYPE**

NO SCALE

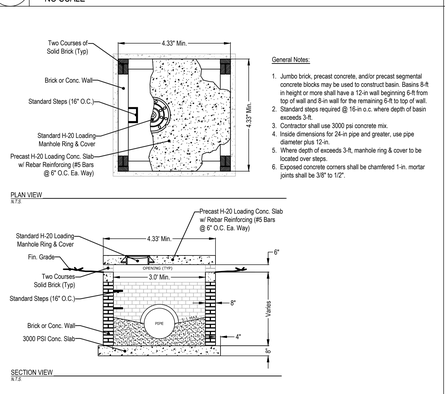


General Notes:

1. Riser height shall be adjusted as necessary to bring frame, grate, & hood to finish grade.
2. All basins over 3'-6" in depth shall be provide with copolymer polypropylene structure steps per NCDOT Standard 840.66 at 1'-2" o.c. unless otherwise specified or required.
3. Use Type "E", "F", & "G" grates per NCDOT Standard 840.03 unless otherwise specified.
4. Jumbo Brick will be permitted unless otherwise specified. Concrete Brick or 4" Solid Concrete Blocks may be used in lieu of clay bricks. for basins 8-ft in height or less use 8-in walls. Over 8-ft use 12-in walls up to 6-ft from top then continue with 8-in wall for the remaining 6-ft.
5. Inverts shall be shaped to form a smooth, regular surface, sloped to prevent sedimentation and provide positive drainage.
6. All concrete used shall be 3000 psi.
7. This detail is a general representation of a curb inlet structure as it relates to the orientation and placement of components. actual field and design conditions may vary.
8. All basins & grates located within areas of traffic shall be H20 Loaded Traffic Rated Precast Concrete Boxes per NCDOT Standards.

8 C-501 **STANDARD CURB INLET**

NO SCALE

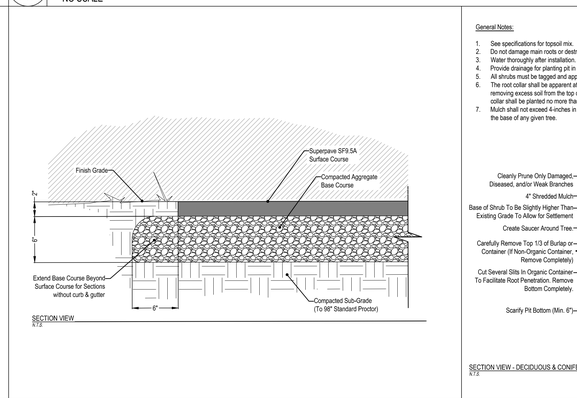


General Notes:

1. Jumbo brick, precast concrete, and/or precast segmental concrete blocks may be used to construct basin. Basins 8-ft in height or more shall have a 12-in wall beginning 6-ft from top of wall and 8-in wall for the remaining 6-ft to top of wall.
2. Standard steps required @ 16-in o.c. where depth of basin exceeds 3-ft.
3. Contractor shall use 3000 psi concrete mix.
4. Inside dimensions for 24-in pipe and greater, use pipe diameter plus 12-in.
5. Where depth of exceeds 3-ft, manhole ring & cover to be located over steps.
6. Exposed concrete corners shall be chamfered 1-in. mortar joints shall be 3/8" to 1/2".

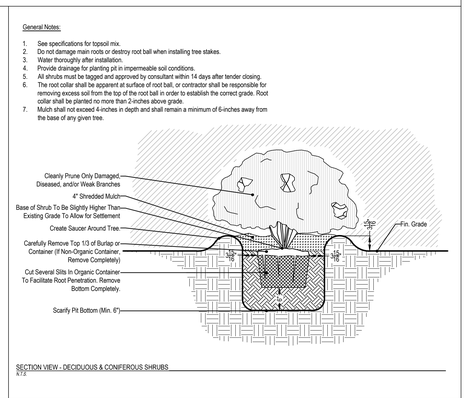
9 C-501 **YARD INLET - STANDARD**

NO SCALE



10 C-501 **ASPHALT PAVEMENT - LIGHT DUTY**

NO SCALE

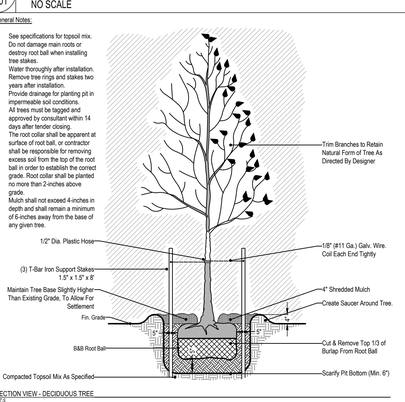


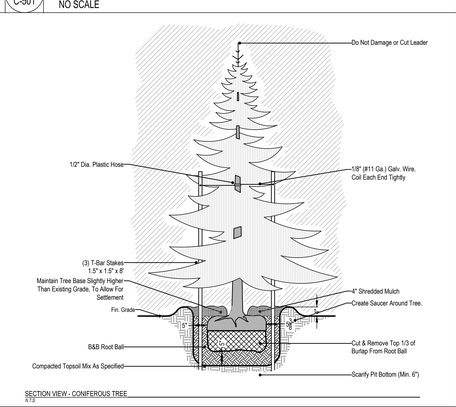
General Notes:

1. See specifications for topsoil mix.
2. Do not damage main roots or destroy root ball when installing tree stakes.
3. Water thoroughly after installation.
4. Provide drainage for planting pit in impermeable soil conditions.
5. All shrubs must be tagged and approved by consultant within 14 days after tender closing.
6. The root collar shall be apparent at surface of root ball, or contractor shall be responsible for removing excess soil from the top of the root ball in order to establish the correct grade. Root collar shall be planted no more than 2-inches above grade.
7. Mulch shall not exceed 4-inches in depth and shall remain a minimum of 6-inches away from the base of any given tree.

11 C-501 **TYPICAL SHRUB INSTALLATION**

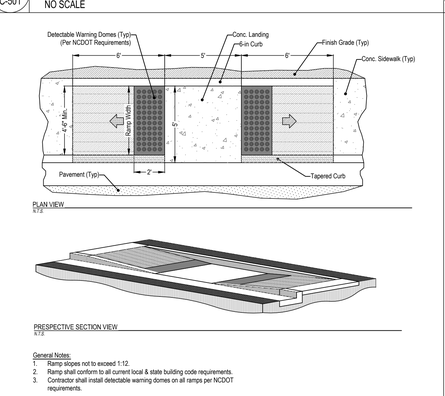
NO SCALE





12 C-501 **TYPICAL TREE INSTALLATION**

NO SCALE

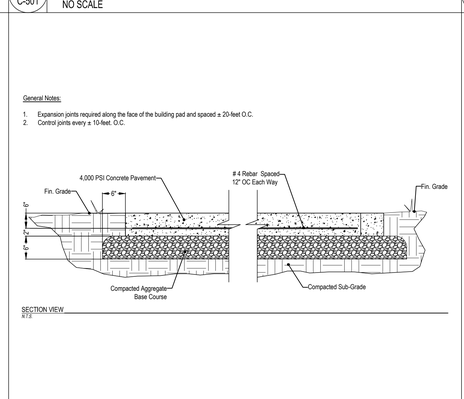


General Notes:

1. Ramp slopes not to exceed 1:12.
2. Ramp shall conform to all current local & state building code requirements.
3. Contractor shall install detectable warning domes on all ramps per NCDOT requirements.

13 C-501 **ADA ACCESSIBLE RAMP - IN LINE TYPE**

NO SCALE

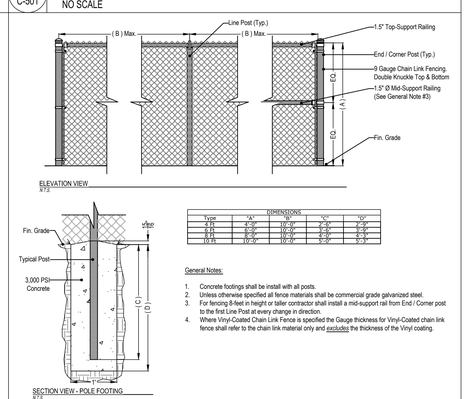


General Notes:

1. Expansion joints required along the face of the building pad and spaced ± 20-feet O.C.
2. Control joints every ± 10-feet. O.C.

14 C-501 **CONCRETE PAVEMENT**

NO SCALE



DIMENSIONS				
Type	"A"	"B"	"C"	"D"
4 Ft.	4'-0"	10'-0"	2'-0"	2'-0"
6 Ft.	6'-0"	10'-0"	2'-0"	2'-0"
8 Ft.	8'-0"	10'-0"	2'-0"	2'-0"
10 Ft.	10'-0"	10'-0"	2'-0"	2'-0"

General Notes:

1. Concrete footings shall be install with all posts.
2. Unless otherwise specified all fence materials shall be commercial grade galvanized steel.
3. For fencing 8-feet in height or taller contractor shall install a mid-support rail from End / Corner post to the first Line Post at every change in direction.
4. Where Vinyl-Coated Chain Link Fence is specified the Gauge thickness for Vinyl-Coated chain link fence shall refer to the chain link material only and excludes the thickness of the Vinyl coating.

15 C-501 **CHAIN LINK FENCING**

NO SCALE

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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DETAILS

C-501

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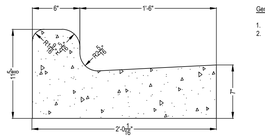
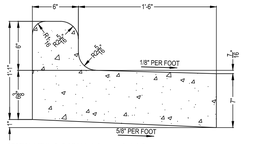


SECTION VIEW - Standard 24-inch Concrete Curb & Gutter
N.T.S.

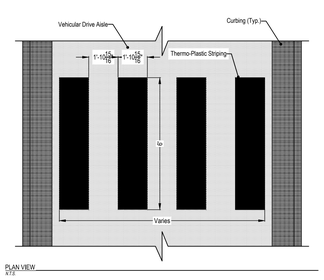


SECTION VIEW - Spill-Off 24-inch Concrete Curb & Gutter
N.T.S.

General Notes:

1. All concrete shall be 3,000 psi tested.
2. Control joints shall be placed every 10-feet. Expansion joints shall be placed every 30-feet.

1 C-502 **STANDARD 2' CONCRETE CURB AND GUTTER**
NO SCALE

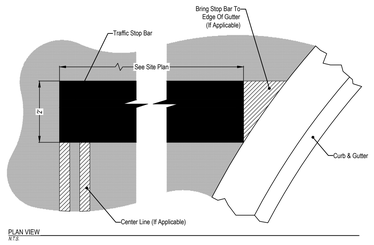


PLAN VIEW
N.T.S.

General Notes:

1. All striping shall be reflective traffic white thermo-plastic per NCDOT requirements unless otherwise specified. Coverage shall be full and complete.
2. Striping shall be centered across the width of the vehicular drive aisle.

2 C-502 **HIGH VISIBILITY PEDESTRIAN CROSSWALK**
NO SCALE

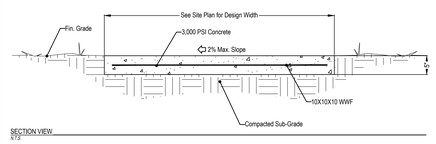


PLAN VIEW
N.T.S.

General Notes:

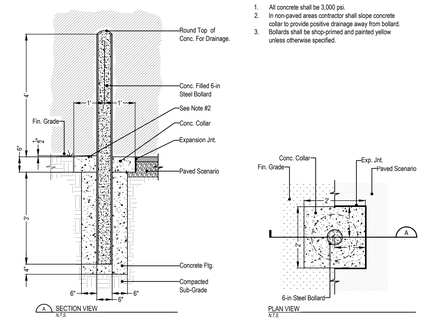
1. Traffic Stop Bar shall be solid white reflective traffic paint (unless otherwise specified) as per dimensions shown. Paint shall be applied so as to provide full & complete coverage. Paint shall conform to NCDOT Standards For Roads & Structures unless otherwise specified.

3 C-502 **STOP BAR**
NO SCALE



SECTION VIEW
N.T.S.

4 C-502 **STANDARD CONCRETE SIDEWALK**
NO SCALE



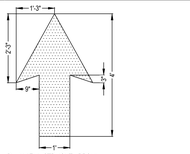
A SECTION VIEW
N.T.S.

PLAN VIEW
N.T.S.

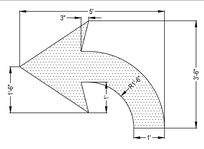
General Notes:

1. All concrete shall be 3,000 psi.
2. In non-paved areas contractor shall slope concrete collar to provide positive drainage away from bollard.
3. Bollards shall be shop-primed and painted yellow unless otherwise specified.

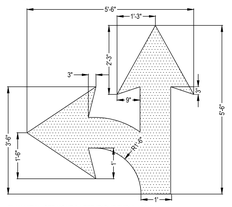
5 C-502 **TYPICAL 6 IN. STEEL BOLLARD**
NO SCALE



PLAN VIEW - STRAIGHT ARROW
N.T.S.



PLAN VIEW - LEFT (RIGHT TURN) ARROW
N.T.S.

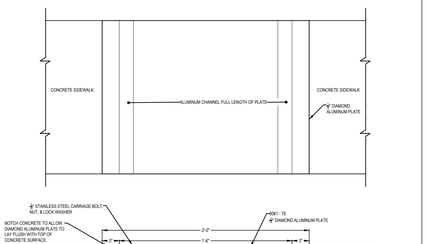


PLAN VIEW - STRAIGHT & LEFT (RIGHT TURN) ARROW
N.T.S.

General Notes:

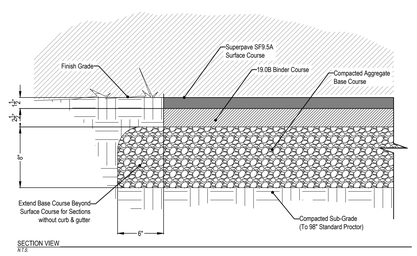
1. All Directional Traffic Arrows shall be solid white reflective traffic paint (unless otherwise specified) as per dimensions shown. Contractor shall applied so as to provide full & complete coverage. Paint shall conform to NCDOT Standards For Roads & Structures unless otherwise specified.
2. Reverse arrow(s) for opposite direction of traffic flow as required.

6 C-502 **DIRECTIONAL TRAFFIC ARROWS**
NO SCALE



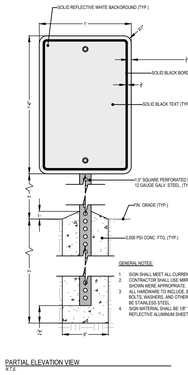
SECTION VIEW
N.T.S.

7 C-502 **CONCRETE SIDEWALK FLUME (18")**
NO SCALE



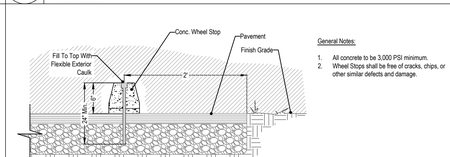
SECTION VIEW
N.T.S.

8 C-502 **ASPHALT PAVEMENT - HEAVY DUTY**
NO SCALE



PARTIAL ELEVATION VIEW
N.T.S.

9 C-502 **SIGNAGE**
NO SCALE



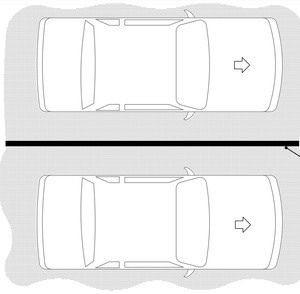
SECTION VIEW
N.T.S.

FRONT ELEVATION VIEW
N.T.S.

General Notes:

1. All concrete to be 3,000 PSI minimum.
2. Wheel Stops shall be free of cracks, chips, or other similar defects and damage.

10 C-502 **CONCRETE WHEEL STOP - FLUMED**
NO SCALE

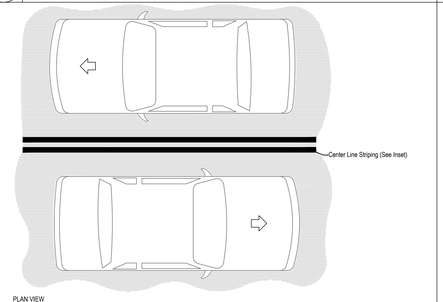


SECTION VIEW
N.T.S.

General Notes:

1. Site Contractor shall tie downspouts into underground storm drainage system. Site Contractor shall coordinate with installer of downspouts prior to beginning work.
2. Cast Iron Boot shall be secured to building wall per manufacturer's recommendations.

11 C-502 **TRAFFIC LANE LINE STRIPING**
NO SCALE



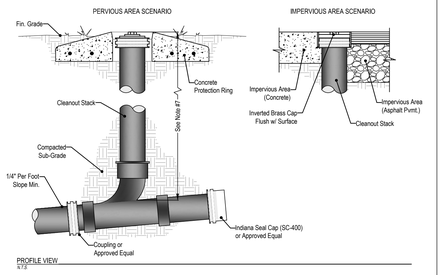
PLAN VIEW
N.T.S.

STRIPING INSET
N.T.S.

General Notes:

1. Lane Line shall be solid white reflective traffic paint (unless otherwise specified) as per dimensions shown. Paint shall be applied so as to provide full & complete coverage. Paint shall conform to NCDOT Standards For Roads & Structures unless otherwise specified.

12 C-502 **TRAFFIC LANE CENTERLINE STRIPING**
NO SCALE

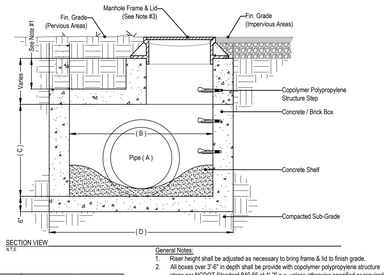


PROFILE VIEW
N.T.S.

General Notes:

1. PVC pipe shall conform to ASTM specifications D-3034 SDR-35 unless otherwise specified.
2. All pipe fittings shall be as noted on plans.
3. All cast iron pipe and fittings shall be cast iron soil pipe service weight or ductile iron unless otherwise specified.
4. All connections shall have rubber gasket seal installed.
5. Installation other than as shown must be approved by designer.
6. Slope and depth of the service lateral shall be determined by the topography and as noted on plans.
7. Cleanout stack to be buried to a depth of 2.5-ft minimum or 6-ft maximum unless otherwise specified.
8. Cleanouts in areas of pavement, concrete, or otherwise impervious material, Contractor shall install an inverted brass cap which shall be flush with the finish grade.
9. Cleanouts in areas of grassed, mulched, or otherwise open pervious material shall be installed with a concrete protection ring flush with the finish grade.

13 C-502 **SIDEWALK ADJACENT TO CURB AND GUTTER**
NO SCALE



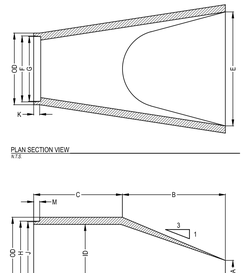
SECTION VIEW
N.T.S.

Pipe Diameter [A] (in)	Dimensions (ft)		
	B	C (Min.)	D
12	3.50	2.33	4.83
15	3.50	2.58	4.83
18	4.00	2.91	5.33
24	4.00	3.41	5.33
30	4.00	3.91	5.33
36	4.00	4.50	5.33
42	4.00	4.91	5.33
48	4.00	5.41	5.91

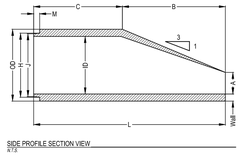
General Notes:

1. Riser height shall be adjusted as necessary to bring frame & lid to finish grade.
2. All boxes over 2'-6" in depth shall be provide with copolymer polypropylene structure steps per NCDOT Standard 840.66 at 1'-2" o.c. unless otherwise specified or required.
3. Manhole frame & cover shall be per NCDOT Standard 840.54 unless otherwise specified.
4. Jumbo Brick will be permitted unless otherwise specified. Concrete Brick or 4" Solid Concrete Blocks may be used in lieu of clay bricks. for basins 8-ft in height or less use 8-in walls. Over 8-ft use 12-in walls up to 6-ft from top then continue with 8-in wall for the remaining 6-ft.
5. Inverts shall be shaped to form a smooth, regular surface, sloped to prevent sedimentation and provide positive drainage.
6. All concrete used shall be 3000 psi (non-traffic areas); 4000 psi (traffic areas).
7. This detail is a general representation of a junction box structure as it relates to the orientation and placement of components. actual field and design conditions may vary.
8. All boxes located within areas of traffic shall be H20 Loaded Traffic Rated Precast Concrete Boxes per NCDOT Standards.

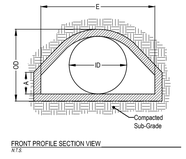
14 C-502 **JUNCTION BOX**
NO SCALE



PLAN SECTION VIEW
N.T.S.



SIDE PROFILE SECTION VIEW
N.T.S.



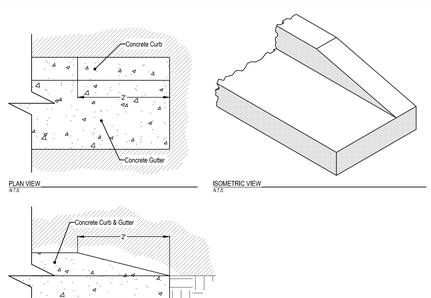
FRONT PROFILE SECTION VIEW
N.T.S.

Pipe Diameter [ID] (in)	Dimensions (in)											
	OD	Wall	A	B	C	E	F	G	H	J	K	M
12	16.25	2	4	23.50	51.50	23.50	14.25	13.75	13.30	13.25	1.75	1.75
15	19.50	2.25	7	27.25	47.50	30	17.62	16.75	17	16.50	2	2
18	23	2.50	9	27	47.75	36	20.87	20.25	20.25	19.50	2	2
24	30	3	9	43	47.75	27.50	27.12	25.75	26.25	26.25	2.81	2.75
30	37	3.50	12	54.50	22.50	60	34	33	33.50	32.50	3	2.10
36	44	4	16	60	37.50	71	40.10	40	39.75	39	3.75	3.75
42	51	4.50	22.25	61.38	37	77.25	47.50	46.75	46.13	45.13	4.25	4.25
48	58	5	25.50	70.25	29	83.50	53.75	52.34	52.50	51.75	4.25	4.25
54	65.25	5.50	26	65	39.50	89.75	59.25	58.75	58.25	57.50	4.25	4.25
60	72.25	6	28.50	57.50	46	96	65.75	65	64.75	64	4.75	4.75

General Notes:

1. The Dimensional Table provided indicates general dimensions of the various sizes of precast Flared End Section. Actual dimension may vary.
2. All concrete shall be 4,000 psi minimum.
3. Shop drawings for flared end sections shall be submitted to designer for approval prior to installation.
4. Reinforcement steel shall meet ASTM 615 Grade 60.
5. All exposed edges shall have 3/4" chamfers.
6. Pipe shall be grouted into Flared End Section on site by Contractor.
7. Precast Flared End Section structures shall be positioned around an existing pipe or pipe inserted into Flared End Section.
8. Flared End Sections shall be placed on a prepared foundation as per specifications.
9. Compaction of backfill materials shall be as required by specifications.

15 C-502 **CONCRETE FLARED END SECTION**
NO SCALE



PLAN VIEW
N.T.S.

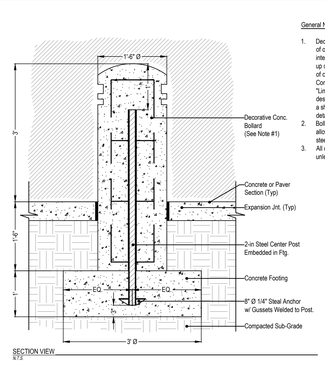
ISOMETRIC VIEW
N.T.S.

PROFILE SECTION VIEW
N.T.S.

General Notes:

1. Decorative Concrete Bollard shall be composed of one-piece precast concrete, reinforced with an internal rebar cage structure, and shall be made up of 5,000 PSI, 28-day strength concrete. Color of concrete shall be white, and uniform in color. Concrete shall be acid etched to provide a "Limestone" finish. Bollard shall be approved by designer prior to installation, and shall conform to a shape and style similar to that shown in this detail.
2. Bollard shall have a shaft through the center to allow for the bollard to be installed over the 2-in steel anchor post.
3. All concrete shall be a minimum of 3,000 PSI unless otherwise specified.

16 C-502 **DECORATIVE CONCRETE BOLLARD - 18 IN DIAMETER**
NO SCALE



SECTION VIEW
N.T.S.

17 C-502 **CONCRETE CURB TAPER (2 FT.)**
NO SCALE

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 BRIAN D. CRAWFORD 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDG

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DETAILS

C-502

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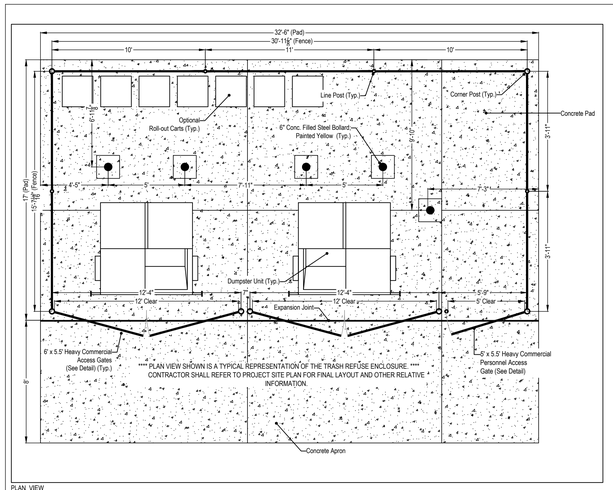
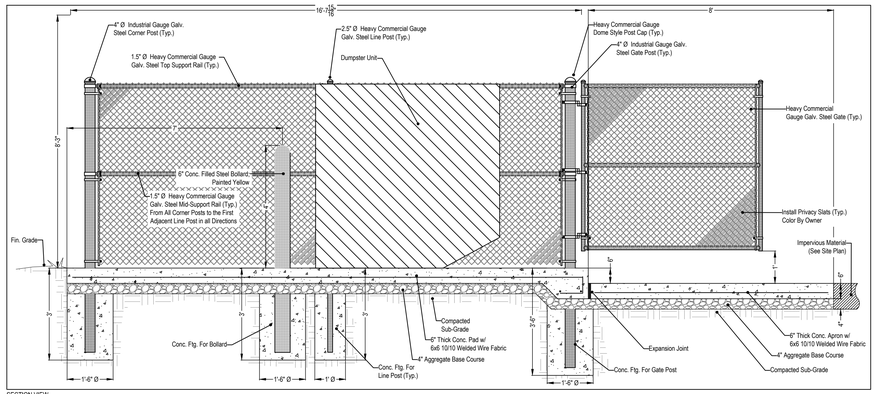
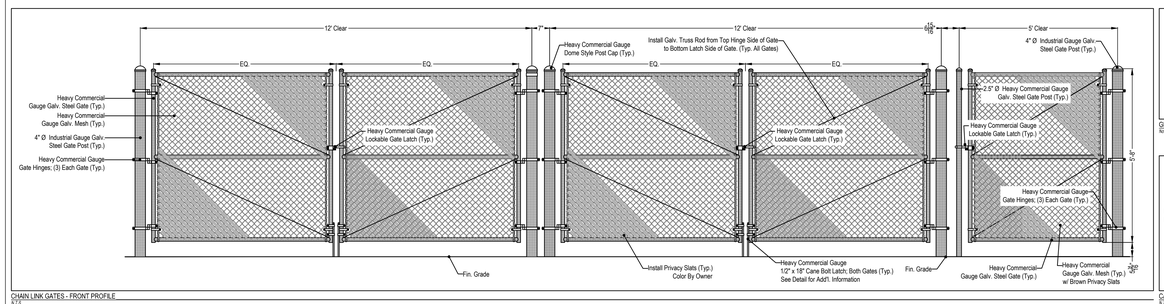


PLAN VIEW
A7.0



SECTION VIEW
A7.0

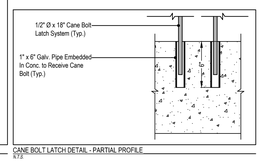


CHAIN LINK GATES - FRONT PROFILE
A7.0

General Notes:

1. Trash refuse enclosure shall conform to all Building Code & Health Department requirements.
2. All steel finishes shall be shopped primed and painted. Color to be selected by Owner.
3. Pad drain may be required. See Utility Plan for additional information. If a drain is required, then the concrete pad shall be sloped 1/4" / ft. toward drain unless otherwise indicated.
4. All nuts, bolts, washers, and other mounting hardware and fittings shall be galvanized steel unless otherwise indicated.
5. All concrete shall be 3,000 psi tested.

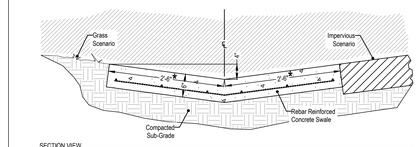
GENERAL NOTES
No Scale



CANE BOLT LATCH DETAIL - PARTIAL PROFILE
A7.0

1 C-503 DOUBLE UNIT DUMPSTER ENCLOSURE

NO SCALE



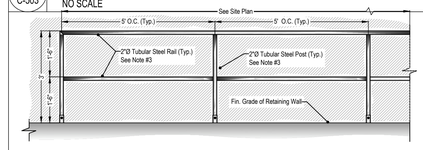
SECTION VIEW
A7.0

CONCRETE SWALE - 5-FT *

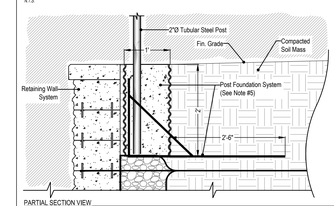
*SEE PLAN FOR DIMENSIONS

2 C-503 CONCRETE SWALE

NO SCALE



PARTIAL ELEVATION VIEW
A7.0



PARTIAL SECTION VIEW
A7.0

General Notes:

1. All mounting hardware and fasteners including, but not limited too, bolts, washers, nuts, etc., shall be stainless steel.
2. Steel posts, railing, and sleeves shall be shop-primed and painted. Color to be selected by Owner.
3. All concrete shall be 3,000 PSI.
4. Railing shall be welding in accordance with specifications.
5. Post foundation system shall be Strata Sleeve-It System, or approved equal. System shall be installed in accordance with Manufacturer's recommendations.

3 C-503 TYPICAL STEEL TUBE RETAINING WALL GUARDRAILING

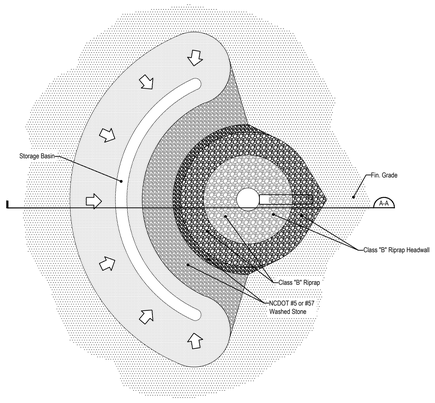
NO SCALE

Construction Specifications:

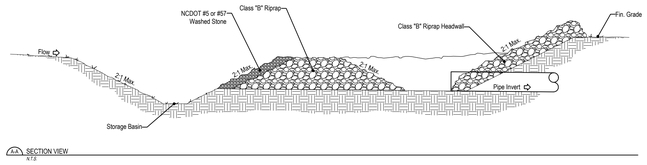
1. Clear the area of all debris that might hinder excavation and disposal of spoil.
2. Install class "B" riprap in a semi-circle where it ties into the embankment. The minimum crest width of the riprap shall be 3-ft, with a minimum bottom width of 11-ft. The minimum height shall be 2-ft, but 1-ft lower than the shoulder of the embankment or diversions.
3. A 1-ft thick layer of NCDOT #5 or #57 washed stone shall be placed on the outside slope of the riprap.
4. The sediment storage area shall be excavated around the outside of the stone horseshoe 18-inches below natural grade.
5. When the contributing drainage area has been stabilized, fill depression and establish final grading elevations, compact area properly, and stabilize with ground cover per specifications.

Maintenance:

1. Inspect rock pipe protection at least weekly and after each significant (1/2-inch or greater) rainfall event and repair immediately. Remove sediment and restore the sediment storage area to its original dimensions when the sediment has accumulated to one-half of the design depth for the trap. Place the sediment that is remove in the designated disposal area and replace the contaminated part of the gravel facing.
2. Check the structure for damage. Any riprap displaced from the stone horseshoe must be replaced immediately.
3. After all the sediment-producing areas have been permanently stabilized, remove the structure and all unstable sediment after removal has been approved by NCDENR. Smooth the area to blend with the adjoining areas and provide permanent ground cover per specifications.



PLAN VIEW
A7.0

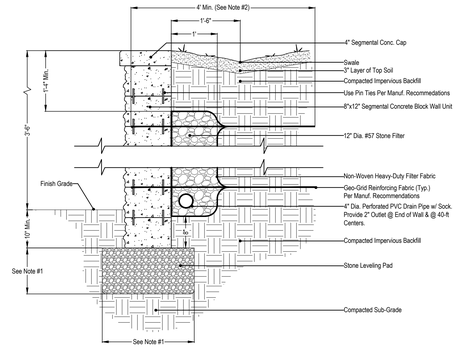


A-A SECTION VIEW
A7.0

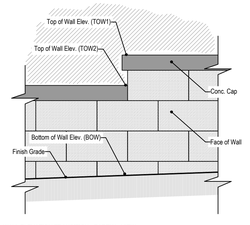
ROCK PIPE INLET PROTECTION
Not to Scale

4 C-503 ROCK PIPE INLET PROTECTION

NO SCALE



SECTION VIEW
A7.0



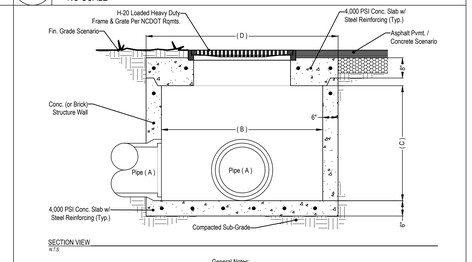
WALL ELEVATION TRANSITION - PARTIAL VIEW
A7.0

General Notes:

1. Stone Leveling Pad shall be installed per manufacturer's recommendations. For walls up to 3-feet in height a minimum pad dimension of 12" Deep x 30" Wide shall be utilized.
2. Geo-Grid Reinforcing shall be installed per manufacturer's recommendations.
3. Segmental Concrete Cap shall be secured to wall system with high-strength flexible concrete adhesive.
4. Shop Drawings containing all design & construction component shall be submitted and sealed by a professional licensed North Carolina Engineer.

5 C-503 SEGMENTAL CONCRETE BLOCK WALL

NO SCALE



SECTION VIEW
A7.0

Pipe Diameter [A] (in)	Dimensions (ft)		
	B	C (Min.)	D
12	3.50	2.33	4.83
15	3.50	2.58	4.83
18	4.00	2.91	5.33
24	4.00	3.41	5.33
30	4.00	3.91	5.33
36	4.00	4.50	5.33
42	4.00	4.91	5.33
48	4.00	5.41	5.91

General Notes:

1. Riser height shall be adjusted as necessary to bring frame & grate to finish grade.
2. All basins over 3'-6" in depth shall be provide with copolymer polypropylene structure steps per NCDOT Standard 840.66 at 1'-2" o.c. unless otherwise specified or required.
3. Use Type "E", "I", & "Q" grates per NCDOT Standard 840.03 unless otherwise specified.
4. Jumbo Brick will be permitted unless otherwise specified. Concrete Brick or 4" Solid Concrete Blocks may be used in lieu of clay bricks. for basins 8-ft in height or less use 8-in walls. Over 8-ft use 12-in walls up to 6-ft from top then continue with 8-in wall for the remaining 0-ft.
5. Inverts shall be shaped to form a smooth, regular surface, sloped to prevent sedimentation and provide positive drainage.
6. All concrete used shall be 4000 psi.
7. This detail is a general representation of a drop inlet structure as it relates to the orientation and placement of components. actual field and design conditions may vary.
8. All basins located within areas of traffic shall be H20 Loaded Traffic Rated Precast Concrete Boxes per NCDOT Standards.

6 C-503 DROP INLET

NO SCALE

8 C-503 NOT USED

NO SCALE

9 C-503 NOT USED

NO SCALE

10 C-503 NOT USED

NO SCALE

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NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 CRAWFORD 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
CAD TECH.: ~~ILB~~
CHECKED BY: ~~FDG~~

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DETAILS

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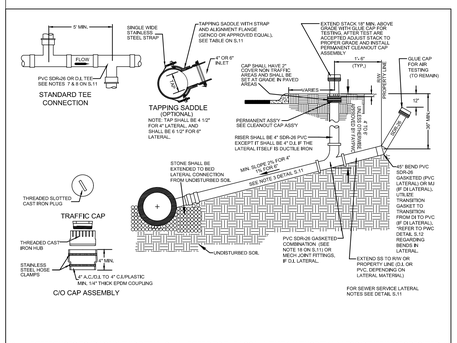


** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

1 C-504

SANITARY SEWER LATERAL

NO SCALE

SEWER SERVICE LATERAL NOTES

1. HOLE IN SANITARY SEWER MAIN MUST BE CUT WITH SHELL CUTTER NO HAMMER TAPS ALLOWED.
2. LATERAL SHALL CONFORM TO ASTM SPECS. D-3034 SDR-26 UNLESS OTHERWISE INDICATED AS D.I.
3. ALL PIPE & FITTINGS SHALL BE 4" CR 6" UNLESS OTHERWISE SPECIFIED.
4. ALL D.I. PIPE SHALL HAVE AN INTERIOR LINING OF CERAMIC EPOXY (PROTECTO 401). THE ENTIRE D.I. SYSTEM SHALL BE CONSIDERED OF D.I. PIPE & MECHANICAL JOINT FITTINGS.
5. ALL CONNECTIONS SHALL HAVE RUBBER GASKET SEALS INSTALLED.
6. SANITARY SEWER SERVICE C/O STACK SHALL BE LOCATED 18" FROM WATER SERVICE LOCK VALVE WHEN IN THE SAME DITCH.
7. INSTALLATION OTHER THAN AS SHOWN MUST BE APPROVED BY THE PWC.
8. CONNECTIONS TO THE TOP OF MAIN SHALL NOT BE ALLOWED. UNLESS OTHERWISE APPROVED BY THE PWC PRIOR TO COORDINATION.
9. SLOPE AND DEPTH OF THE SERVICE LATERAL SHALL BE DETERMINED BY THE TOPOGRAPHY OF THE LOT AS APPROVED BY THE PWC ENGINEER OR AS INDICATED ON THE DRAWINGS.
10. LATERAL SHALL CONFORM TO THE 2% MINIMUM SLOPE FOR THE 4" OR THE 1% MINIMUM SLOPE FOR THE 6". MAXIMUM CLEAN OUT SPACING FOR 4" PIPE 75', 6" PIPE 100'
11. SEE INTERIOR DROP STRUCTURE OR SLIDE, MORTAR SLIDE & SHELF DETAIL FOR VERTICAL DROPS OF MAINS AND LATERALS.
12. LATERALS LESS THAN 3' IN DEPTH OR GREATER THAN 20' DEPTH SHALL UTILIZE DUCTILE IRON PIPE AND FITTINGS WITH CERAMIC EPOXY (PROTECTO 401), OR WHEN SEPARATION REQUIREMENTS CANNOT BE MET.
13. ENTIRE SEWER/LATERAL ASSEMBLY SHALL BE AIR TESTED CONCURRENTLY WITH SEWER MAIN.
14. INDIVIDUAL LATERALS SHALL BE CLEANED AND FLUSHED PRIOR TO FLUSHING SANITARY SEWER MAINS.
15. LATERAL SHALL NOT BE BACK-FILLED UNTIL INSPECTED BY THE FAYPWC PROJECT COORDINATOR.
16. WYE CONNECTIONS SHALL NOT BE USED TO TIE LATERALS INTO A MANHOLE.
17. IF BENDS ARE APPROVED BY THE PROJECT COORDINATOR, STONE BEDDING IS REQUIRED TO BE INSTALLED FROM UNDISTURBED (SEE DETAIL S.12) SOIL TO BOTTOM OF BEND.
18. PVC COMBINATION SHALL BE A MOLDED WYE AND BEND, GASKETED, SDR26, AS MANUFACTURED BY HARCO, GPK OR APPROVED EQUAL.
19. NO MORE THAN 4, FOUR INCH LATERALS OR 3, SIX INCH LATERALS SHALL ENTER A 4' DIAMETER TERMINAL MANHOLE. NO MORE THAN 2 LATERALS (REGARDLESS OF SIZE) SHALL ENTER ALL OTHER 4' DIAMETER MANHOLES. ALL LATERALS SHALL HAVE AN INDIVIDUAL TROUGH. 5' DIAMETER MANHOLES SHALL BE USED IF THE ABOVE CONDITIONS ARE NOT MET.
20. ALL LATERALS (4" AND 6") SHALL UTILIZE A 4" RISER (STACK).
21. REFER TO DETAIL S.12 FOR SEPARATION REQUIREMENTS.
22. LOCATION OF CLEANOUT SHALL BE NO CLOSER THAN 10' TO FRONT OF BUILDING.

THE FOLLOWING TABLE SUMMARIZES THE MATERIALS TO BE UTILIZED FOR SEWER MAIN TO LATERAL CONNECTIONS:

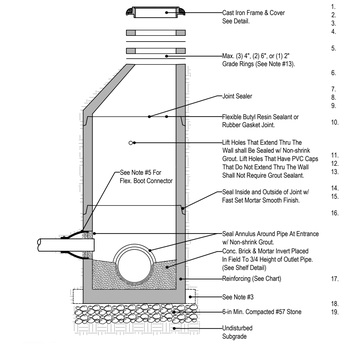
	PVC Main	DI Main
DI Lateral	DI fitting	MJ fitting
PVC Lateral	PVC fitting or saddle	MJ fitting with transition gasket or saddle

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

2 C-504

SANITARY SEWER LATERAL NOTES

NO SCALE



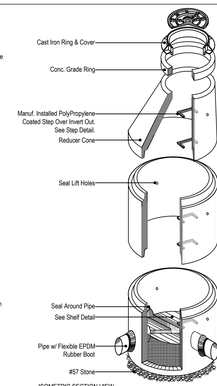
SECTION VIEW
N.T.S.

General Notes:

1. Precast Reinforced Concrete Manholes shall be in accordance with ASTM C-478.
2. Minimum concrete compressive strength shall be 4000 PSI.
3. Manholes greater than 12-ft depth shall have a minimum 6-in extended base.
4. Flexible butyl resin joint sealant shall be in accordance with ASTM C990. Rubber gasket joints shall be in accordance with ASTM C443.
5. Flexible EPDM rubber boot connectors shall be in accordance with ASTM C923, installed by manufacturer with stain-less steel compression ring and take-up clamp. Connection to main shall be by contractor with stainless steel pipe clamp.
6. Connections to existing manholes shall be by coring manhole and field installing a flex boot connector. Do not allow debris to enter system.
7. Mortar shall be quick setting, non-shrink grout mixed in accordance with manufacturer's recommendations.
8. Manhole steps shall be in accordance with ASTM C478 and OSHA regulations. Align steps with invert out.
9. Pre-formed manhole inverts are not acceptable unless specifically approved by the Designer in writing. Standing water in invert of manhole is not acceptable.
10. Vertical drops between the inflow pipes and outflow pipes shall require the following:
   A.- Greater than 2.5-ft : See Drop Structure Detail (Minimum 5-ft diameter manhole required).
   B.- 1-ft to 2.5-ft (See Pipe Slide Detail).
   C.- Less than 1-ft (See Mortar Slide Detail).
11. Manhole ring and cover and drop structure shall be in accordance technical specifications and detail.
12. Invert on plans is to manhole centerline.
13. Concrete grade rings shall not be used for above grade adjustments (i.e., Outfall Areas). Use of grade rings are allowable in yard areas and pavement, where the ring and cover are at ground level.
14. The minimum slope across the invert of the manhole shall be 1% unless otherwise approved by Designer.
15. The exterior manhole riser joints, including the joint at the cone, shall be sealed on the outside by an approved joint wrap. The wrap shall be a minimum of six (6) inches in width, and shall be centered on the joint.
16. Manhole boot for 4-inche laterals - Should it be necessary to install a 4-inch lateral into a manhole, the rubber boot that the lateral is inserted into shall be securely fastened to the core hole, by utilizing a stainless steel band that is tightened using a jack or a torque wrench (direct drive). Both standard size and step down boots are allowed. The torque wrench shall be supplied by the manufacturer. No other type bands or method of securing the boot to the manhole shall be accepted. For 4-inch SDR-26 laterals, the pipe outside diameter range of the boot shall be 3.5 inches to 4.25 inches. For 4-inch ductile iron laterals, the pipe outside diameter range of the boot shall either be as for VC or 4.25 inches to 4.81 inches. In all cases, the boot shall be tightened on the lateral by means of a single stainless steel strap. The lateral invert shall be at the top of the shelf.
17. No more than four, 4-inch laterals or three, 6-inch laterals shall enter a 4-ft diameter terminal manhole. No more than two laterals (Regardless of size) shall enter all other 4-ft diameter manholes. All laterals shall have an individual trough. 5-ft diameter manholes shall be used if the above conditions are not met.
18. No more than five laterals shall enter a 5-ft diameter terminal manhole.
19. Use of Tee-Wyes on laterals is not allowed.

Pipe Size	Manhole Size	Min. Wall Thk.	Min. Reinf. Steel	Min. Base Thk.
21" or Less	48" Dia.	5-in	ASTM A-185 0.15 Sq.In.	6-in
24" to 36"	60" Dia.	6-in	ASTM A-185 0.15 Sq.In.	8-in
42"	72" Dia.	7-in	ASTM A-185 0.15 Sq.In.	8-in

Manhole diameter sizes may be adjusted on the plans to reflect special circumstances. Reducing slabs are not acceptable on manholes less than or equal to 6-ft diameter.



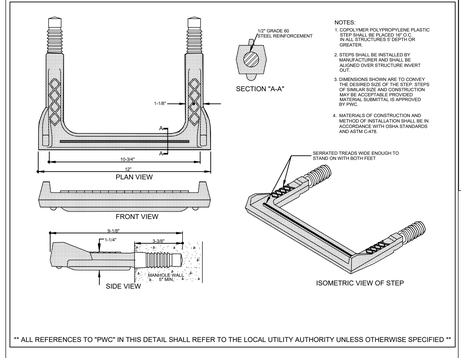
ISOMETRIC SECTION VIEW
N.T.S.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

3 C-504

SANITARY SEWER MANHOLE

NO SCALE



** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

4 C-504

MANHOLE STEPS

NO SCALE

General Notes:

1. PVC pipe shall conform to ASTM specifications D-3034 SDR-35 unless otherwise specified.
2. All pipe fittings shall be as noted on plans.
3. All cast iron pipe and fittings shall be cast iron soil pipe service weight or ductile iron unless otherwise specified.
4. All connections shall have rubber gasket seal installed.
5. Installation other than as shown must be approved by designer.
6. Slope and depth of the service lateral shall be determined by the topography and as noted on plans.
7. Cleanout stack to be buried to a depth of 2.5-ft minimum or 6-ft maximum unless otherwise specified.
8. Cleanouts in areas of pavement, concrete, or otherwise impervious material, Contractor shall install an inverted brass cap which shall be flush with the finish grade.
9. Cleanouts in areas of grassed, mulched, or otherwise open pervious material shall be installed with a concrete protection ring flush with the finish grade.

5 C-504

TYPICAL SANITARY SEWER CLEANOUT

NO SCALE

1. CONTRACTOR SHALL REPAIR ALL SEWER LATERALS AND MAINS DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY REPORT ALL SEWER MAIN AND LATERAL BREAKS TO THE PWC PROJECT COORDINATOR. THE CONTRACTOR SHALL INITIATE IMMEDIATE REPAIRS IN ACCORDANCE WITH PWC STANDARDS.
2. SEWER MAINS, LATERALS, AND MANHOLES SHALL BE INSTALLED UTILIZING A PWC APPROVED CUT-SHEET, INDICATING INSTALLATION DEPTH.
3. TRANSFER OF SEWER SERVICES SHALL BE ACCOMPLISHED AS FOLLOWS:
   A. INSTALL AND TEST NEW MAINS, MANHOLES, AND LATERALS. CLEANOUTS SHALL BE INSTALLED 18" INSIDE R/W UNLESS OTHERWISE DIRECTED BY PWC.
   B. CONNECT EXISTING PLUMBING TO NEW LATERAL UTILIZING THE NECESSARY FITTINGS AS DIRECTED BY PWC.
   C. AFTER ALL SERVICES HAVE BEEN TRANSFERRED TO THE NEW MAIN, THE EXISTING SEWER SYSTEM SHALL BE ABANDONED IN ACCORDANCE WITH PWC REQUIREMENTS.
4. WHEN THE EXISTING MAIN IS NOT TO BE ABANDONED, THE CONTRACTOR SHALL REMOVE THE EXISTING MANHOLE CONE, ADJUST THE MANHOLE TOP TO GRADE, REMOVE THE EXISTING CLEANOUT AND COMBINATION, AND PLUG THE LATERAL TO ABANDON THE OLD SERVICE.
5. SEWER PLUGS SHALL BE INSTALLED TO ELIMINATE ANY DEBRIS OR OTHER MATERIAL FROM ENTERING THE ACTIVE SEWER SYSTEM. UPON ACCEPTANCE OF THE NEW SEWER SYSTEM, THE CONTRACTOR SHALL CLEAN THE NEW MAINS, REMOVE ALL DEBRIS, AND THEN REMOVE THE PLUG.
6. SEPARATION REQUIREMENTS:
   A. **LATERAL SEPARATION OF SEWERS AND WATER MAINS.** WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWER MAINS/LATERAL, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10-FOOT LATERAL SEPARATION - IN WHICH CASE:
      i. THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN/LATERAL; OR
      ii. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER MAIN/LATERAL WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH AND WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN/LATERAL.
   B. **CROSSING A WATER MAIN OVER A SEWER.** WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN/LATERAL, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN/LATERAL, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - IN WHICH CASE BOTH THE WATER MAIN AND SEWER MAIN/LATERAL SHALL BE CONSTRUCTED OF FERROUS MATERIAL AND WITH JOINTS THAT ARE EQUIVALENT TO WATER MAIN STANDARDS FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING.
   C. **CROSSING WATER MAIN UNDER A SEWER.** WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN/LATERAL, BOTH THE WATER MAIN AND THE SEWER MAIN/LATERAL SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE. AT THE CROSSING, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE LOCATED A DISTANCE OF 10 FEET ON EACH SIDE OF THE POINT OF CROSSING. A SECTION OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING.
   D. **CROSSING STORM DRAINAGE LINES.** A MINIMUM OF 24-INCHES OF VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN THE TOP OF THE STORM DRAIN AT THE CROSSING UNDER A STORM DRAINAGE LINE UNLESS DUCTILE IRON PIPE IS USED. IF DUCTILE IRON PIPE IS USED, A MINIMUM OF 6(six) INCHES OF SEPARATION SHALL BE MAINTAINED. UNLESS OTHERWISE APPROVED BY PWC.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

6 C-504

SANITARY SEWER NOTES

NO SCALE

LOCKABLE WEATHERPROOF STAINLESS STEEL CONTROL PANEL. PROVIDE ALUMINUM SHADE. SEE DETAIL S.21
INSTALL JUNCTION BOX WITH STAINLESS STEEL AND NET WELL AND WAVE TIGHT GASKETS
USE CORD SEAL CONNECTORS FOR POWER AND CONTROL CONDUIT ENTRANCE
POWER SUPPLY CONNECTION 120 VOLT SUPPLY
CONCRETE FOOTING
EX. CONCRETE MANHOLE. SECURE WITH STRAIN RELIEVERS OR CHAIN AS REQUIRED. SEE DETAIL TYPE SHEET FOR INSTALLATION REQUIREMENTS
WATERTIGHT BOOTS
PIPE OUT WITH 45° ELBOWS
HIGH WATER ALARM ELEV. 7.00
PUMP #1 ON ELEV 6.5
PUMP #2 ON ELEV 6.5
PUMP #1 OFF ELEV 3.5
6' MIN.
9.5'
6'
4" SCHEDULE 80 PVC FORCE MAIN
4" SCHEDULE 80 PVC CHECK VALVE
4" SCHEDULE 80 PVC GATE VALVE
4" SCHEDULE 80 PVC 45° ELBOW
4" SCHEDULE 80 PVC COUPLING
4" SCHEDULE 80 PVC PIPE
4" SCHEDULE 80 PVC 90° ELBOW
4" SCHEDULE 80 PVC CHECK VALVE WITH INTERNAL WEIGHT
4" SCHEDULE 80 PVC GATE VALVE

(TYPICAL - NEW FIRE HYDRANTS CONNECTED TO EXISTING WATER MAINS)

1. PROPOSED FIRE HYDRANTS SHALL BE INSTALLED IN ADVANCE OF SEWER MAIN CONSTRUCTION. THE CONTRACTOR SHALL SEQUENCE THE HYDRANT INSTALLATION TO PROVIDE ANDOR SUPPLEMENT WATER MAIN FLUSHING IF BREAKS OCCUR.

2. FIRE HYDRANT CONNECTIONS TO EXISTING WATER MAINS SHALL BE MADE USING A TAPPING SLEEVE AND VALVE BY WET TAP CONNECTION. THE TAPPING SLEEVE AND VALVE SHALL BE HYDROSTATICALLY TESTED PRIOR TO THE COMPLETION OF THE TAP IN THE PRESENCE OF THE OWNER.

3. THE CONTRACTOR SHALL HAVE THE EXISTING UTILITIES LOCATED IN THE VICINITY OF THE PROPOSED FIRE HYDRANT PRIOR TO ADJUSTING CONSTRUCTION STAKES. THE PROPOSED LOCATION MAY BE SHIFTED OR RELOCATED BY THE OWNER IF CONFLICTS EXIST (I.E. GAS SERVICES, USE, TELEPHONE, ETC.).

4. THE CONTRACTOR SHALL VERIFY (BY DIGGING), IN ADVANCE OF INSTALLATION AND MATERIAL PROCUREMENT, THE EXISTING WATER MAIN MATERIAL AND SIZE TO BE CONNECTED TO FOR EACH INDIVIDUAL FIRE HYDRANT LOCATION IN ORDER TO SUPPLY PROPER SLEEVE TYPES, BARREL LENGTHS AND OTHER REQUIRED MATERIALS TO ACCOMODATE EXISTING MATERIALS ENCOUNTERED AND SITE CONDITIONS.

5. THE INFORMATION CONTAINED IN THE "FIRE HYDRANT DATA CHART" WAS PRODUCED USING EXISTING PWC RECORDS AND AVAILABLE FIELD INFORMATION. THE INFORMATION IS INTENDED TO ASSIST THE CONTRACTOR, BUT IS NOT GUARANTEED. THE CONTRACTOR IS ENCOURAGED TO VERIFY ALL THE PROVIDED INFORMATION. THIS INFORMATION IS APPROXIMATE AND MAY NOT BE ACCURATE.

6. THE CONTRACTOR WILL BE REQUIRED TO SUPPLY VARIOUS LENGTHS OF BARRELS AND HYDRANT EXTENSIONS (NO MORE THAN ONE HYDRANT EXTENSION MAY BE USED PER HYDRANT) TO ADJUST FOR WATER MAIN DEPTHS AND FOR FINAL GRADE CONDITIONS. THE FINAL GRADE SHALL BE SHOWN ON DITCH GRADE AND/OR RIGHT-OF-WAY GROUND ELEVATIONS AS NECESSARY. ADDITIONAL FITTINGS AND/OR HYDRANT EXTENSIONS OR OFFSET CONNECTORS MAY BE REQUIRED TO MAINTAIN PROPER COVER AS APPROVED BY THE PWC PROJECT COORDINATOR. (NO SEPARATE PAY).

7. EXISTING VALVE DEPTHS ARE MEASURED FROM EXISTING ASPHALT AND/OR VALVE COVER TO THE TOP OF THE OPERATING NUT. THE BARREL INFORMATION SHOWN IS CALCULATED USING AN INTERPOLATION BETWEEN THE TWO NEAREST VALVES. THE GROUND ELEVATION AND/OR CURB FOR THE PROPOSED FIRE HYDRANT IS INTERPOLATED FROM CROSS SECTIONS AND THE FLANGE ELEVATION IS CALCULATED USING THE PROPOSED HYDRANT AND VALVE LOCATIONS IN ACCORDANCE WITH THE FIRE HYDRANT AND VALVE INSTALLATION DETAIL.

8. THE CONTRACTOR SHALL SUBSTITUTE VARIOUS BARREL DEPTHS WITHIN THE PROJECT (I.E. FIRE HYDRANT NO. 1 INDICATES A 6'-0" DEPTH OF BURY, HYDRANT NO. 2 INDICATES A 7'-0" DEPTH OF BURY, HYDRANT NO. 3 INDICATES A 8'-0" DEPTH OF BURY, ACTUAL CONDITIONS REQUIRE A 5'-0" DEPTH OF BURY. THEN A SUBSTITUTION WILL BE REQUIRED). ALL EXTENSIONS SHALL BE APPROVED BY THE PWC PROJECT COORDINATOR PRIOR TO INSTALLATION AND ONLY AFTER ALL EFFORTS OF SUBSTITUTION ARE EXHAUSTED.

9. WHERE INDICATED TO TIE EXISTING FIRE HYDRANT TO NEW MAIN, CONTRACTOR SHALL PROVIDE ALL LABOR, TOOLS, EQUIPMENT, MATERIALS, VALVES, FITTINGS, ETC. NECESSARY TO COMPLETE THE WORK. EXISTING HYDRANTS SHALL BE DISCONNECTED FROM MAIN BRANCH LINE AFTER MAIN IS ACCEPTED. CONTRACTOR SHALL NOTIFY THE APPROPRIATE FIRE DEPARTMENT OUT OF SERVICE FIRE HYDRANTS PRIOR TO CONSTRUCTION.

10. SOD SHALL BE REPLACED WHERE APPLICABLE. DAMAGE TO PROPERTY OWNERS LANDSCAPING, FENCES, ETC. SHALL BE REPAIRED OR REPLACED TO THE PROPERTY OWNER'S SATISFACTION, TO INCLUDE WITHIN RIGHT-OF-WAY. (NO SEPARATE PAYMENT).

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

1 C-505 **FIRE HYDRANT NOTES**
NO SCALE

1. CONTRACTOR SHALL REPAIR ALL WATER LATERALS AND MAINS DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL REPORT IMMEDIATELY ALL WATER MAIN AND LATERAL BREAKS TO THE PWC PROJECT COORDINATOR. THE CONTRACTOR SHALL NOT REPAIR WATER MAIN BREAKS WITHOUT THE PWC PROJECT COORDINATOR. CONTRACTOR SHALL NOT OPERATE PWC WATER MAIN VALVES WITHOUT PWC APPROVAL AND SHALL COORDINATE ALL VALVE CLOSINGS WITH PWC.

2. THE CONTRACTOR SHALL NOT USE HOUSE HOSE BIBBS OR ANY OTHER METHOD OF BLOW OFF WHICH ALLOWS DOMESTIC WATER CONTAINING SEDIMENTS OR HIGH LEVELS OF CHLORINE TO PASS THRU RESIDENT'S METERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES RESULTING FROM ALLOWING "DIRTY" WATER TO CLOTHING, FURNISHINGS, APPLIANCES, SUCH AS WATER HEATERS, STAINED CLOTHING, CLOGGED SCREENS, ETC.).

3. WATER MAINS AND LATERALS SHALL BE INSTALLED UTILIZING A PWC APPROVED CUT-SHEET INDICATING INSTALLATION DEPTH.

4. TRANSFER OF WATER SERVICES SHALL BE ACCOMPLISHED AS FOLLOWS:
   A. INSTALL, TEST AND STERILIZE NEW MAIN AND LATERALS. LATERALS SHALL BE INSTALLED 18" INSIDE R/W UNLESS OTHERWISE DIRECTED BY PWC.
   B. TRANSFER EXISTING METER TO NEW METER BOX AND TIE NEW WATER LATERAL TO EXISTING METER. THE CONTRACTOR SHALL NOTIFY PWC AT LEAST 72 HOURS IN ADVANCE TO INSTALL METER. INSTALLED ON SAME ADDRESS AND/OR CUSTOMER. SLOW OFF SERVICE AT HOSE BIBB ON HOUSE ONLY AFTER METER HAS BEEN INSTALLED.
   C. AFTER ALL SERVICES ARE TRANSFERRED TO THE NEW SYSTEM, SHUT OFF VALVE ON EXISTING SYSTEM AND ABANDON EXISTING MAIN IN ACCORDANCE WITH PWC DETAILS.
   D. CONTRACTOR SHALL SUPPLY NEW METER BOXES AND DISPOSE OF EXISTING METER BOXES.

5. WHEN MAIN IS NOT TO BE ABANDONED, CONTRACTOR SHALL UNCOVER OLD CONNECTION AT MAIN, CLOSE AND PLUG CORPORATION TO ABANDON OLD SERVICE.

6. SEPARATION REQUIREMENTS:
   A. **LATERAL SEPARATION OF SEWERS AND WATER MAINS.** WATER MAINS SHALL BE LAID AT LEAST 10 FEET LATERALLY FROM EXISTING OR PROPOSED SEWER MAINS/LATERAL, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT A 10-FOOT LATERAL SEPARATION - IN WHICH CASE:
      i. THE WATER MAIN IS LAID IN A SEPARATE TRENCH, WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN/LATERAL, OR
      ii. THE WATER MAIN IS LAID IN THE SAME TRENCH AS THE SEWER MAIN/LATERAL WITH THE WATER MAIN LOCATED AT ONE SIDE ON A BENCH OF UNDISTURBED EARTH AND WITH THE ELEVATION OF THE BOTTOM OF THE WATER MAIN AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN/LATERAL.

8. **CROSSING A WATER MAIN OVER A SEWER.** WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS OVER A SEWER MAIN/LATERAL, THE WATER MAIN SHALL BE LAID AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER MAIN/LATERAL, UNLESS LOCAL CONDITIONS OR BARRIERS PREVENT AN 18 INCH VERTICAL SEPARATION - IN WHICH CASE BOTH THE WATER MAIN AND SEWER MAIN/LATERAL SHALL BE DUCTILE IRON IN ACCORDANCE WITH PWC REQUIREMENTS.

C. **CROSSING WATER MAIN UNDER A SEWER.** WHENEVER IT IS NECESSARY FOR A WATER MAIN TO CROSS UNDER A SEWER MAIN/LATERAL, BOTH THE WATER MAIN AND THE SEWER MAIN/LATERAL SHALL BE DUCTILE IRON IN ACCORDANCE WITH PWC REQUIREMENTS. ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE INSTALLED ON THE WATER MAIN CENTERED AT THE POINT OF CROSSING.

D. **CROSSING STORM DRAINAGE LINES.** A MINIMUM OF 12INCHES OF VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN A WATER LINE CROSSING OVER A STORM DRAINAGE LINE. A MINIMUM OF 18 INCHES OF COVER SHALL BE PROVIDED. THREE AND A HALF (3.5) FEET OF COVER MUST BE MAINTAINED OVER THE WATER MAIN OR IT SHALL BE DUCTILE IRON. IF DUCTILE IRON PIPE IS USED THEN TWO AN A HALF (2.5) FEET OF COVER MUST BE MAINTAINED OVER THE WATER MAIN AND A MINIMUM OF 6INCHES OF VERTICAL CLEARANCE SHALL BE PROVIDED. THE WATER MAIN SHALL BE CENTERED ON THE STORM CROSSING. WHERE A WATER MAIN CROSSES UNDER A STORM DRAINAGE LINE THE MINIMUM OF THREE (12) INCHES OF VERTICAL SEPARATION SHALL BE MAINTAINED AND THE WATER MAIN SHALL BE DUCTILE IRON FOR A DISTANCE OF 10FEET ON EACH SIDE OF THE CROSSING.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

2 C-505 **WATER UTILITY NOTES**
NO SCALE

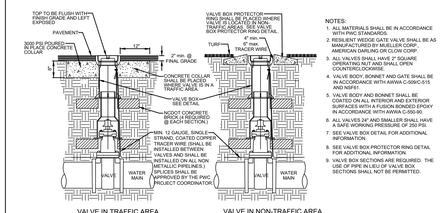
7. **WATER OUTAGES.** THE CONTRACTOR SHALL SCHEDULE A COORDINATION MEETING WITH THE PWC PROJECT COORDINATOR AND PROJECT ENGINEER A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO ANY PLANNED WATER OUTAGE. THE COORDINATION MEETING SHALL BE CONDUCTED PRIOR TO ANY NOTICES BEING ISSUED. ADDITIONALLY, THE CONTRACTOR SHALL LOCATE (VERTICALLY AND HORIZONTALLY) ALL EXISTING WATER SERVICE IS RESTORED, UNLESS OTHERWISE NOTED IN THESE CONTRACT DOCUMENTS. THE LOCATIONS OF ALL UTILITIES WITHIN THE WORK AREA SHALL BE DETERMINED PRIOR TO THE COORDINATION MEETING. ANY CONFLICTS THAT MAY PREVENT THE WORK FROM BEING COMPLETED SHALL BE IDENTIFIED, AND A PLAN FOR RESOLVING ANY CONFLICTS SHALL BE PRESENTED. THE PURPOSE OF THIS COORDINATION MEETING IS TO ENSURE THAT THE CONTRACTOR HAS A GOOD UNDERSTANDING OF THE REQUIREMENTS RELATED TO THE PENDING OUTAGE. VERIFY THAT THERE ARE NO UTILITY CONFLICTS THAT WILL PREVENT THE WORK FROM BEING COMPLETED. VERIFY THAT ALL MATERIALS ARE ON HAND AND ALL EQUIPMENT IS FUNCTIONAL. ALL MATERIALS ARE ON SITE, ALL NECESSARY TOOLS ARE ON SITE, DISCUSS ANY NECESSARY CONTINGENCY PLANS, AND ANY OTHER ITEMS NECESSARY TO ENSURE THAT THE PUBLIC WORKS COMMISSION HAS CONFIDENCE THAT THE WORK CAN BE ACCOMPLISHED WITHIN THE GIVEN TIME FRAME. IF THE PUBLIC WORKS COMMISSION OR THE PROJECT ENGINEER FEELS THAT THE CONTRACTOR IS NOT PREPARED FOR THE PROPOSED OUTAGE, THE OUTAGE NOTIFICATIONS SHALL NOT BE DISTRIBUTED AND THE OUTAGE SHALL BE POSTPONED A MINIMUM OF TWO (2) WEEKS. THE PUBLIC WORKS COMMISSION WILL PROVIDE WRITTEN NOTIFICATION TO THE CONTRACTOR OF THIS DECISION. NO ADDITIONAL CONTRACT TIME SHALL BE GRANTED FOR THIS DELAY. SHOULD THE CONTRACT TIME EXPIRE WITHIN THAT TWO (2) WEEK PERIOD, THE PUBLIC WORKS COMMISSION RESERVES THE RIGHT TO ASSESS LIQUIDATED DAMAGES, AS OUTLINED IN THESE CONTRACT DOCUMENTS.

ONCE THE WATER OUTAGE NOTIFICATIONS HAVE BEEN ISSUED, A FOLLOW-UP COORDINATION MEETING WITH THE PWC PROJECT COORDINATION AND PROJECT ENGINEER SHALL BE HELD A MINIMUM OF 24 HOURS PRIOR TO THE SCHEDULED OUTAGE. THE PURPOSE OF THIS MEETING IS TO ENSURE THAT THE CONTRACTOR IS PREPARED TO PROCEED WITH THE OUTAGE, AND THAT ALL EQUIPMENT, MATERIALS, TOOLS, AND ALL OTHER INCIDENTALS ARE ON THE PROJECT SITE AND FUNCTIONING. IF FOR ANY REASON THE PUBLIC WORKS COMMISSION DEEMS THAT THE CONTRACTOR IS NOT PREPARED, THE OUTAGE SHALL BE POSTPONED AND ALL NOTIFICATIONS SHALL BE RESCINDED. THE OUTAGE SHALL THEN BE RESCHEDULED AND POSTPONED A MINIMUM OF TWO (2) WEEKS. NO ADDITIONAL CONTRACT TIME WILL BE GRANTED FOR THIS DELAY. SHOULD THE CONTRACT TIME EXPIRE WITHIN THAT TWO (2) WEEK PERIOD, THE PUBLIC WORKS COMMISSION RESERVES THE RIGHT TO ASSESS LIQUIDATED DAMAGES, AS OUTLINED IN THESE CONTRACT DOCUMENTS.

THE CONTRACTOR SHALL COMPLETE THE REQUIRED WORK AND RESTORE WATER SERVICE WITHIN THE GIVEN TIME PERIOD FOR THE OUTAGE. SHOULD THE CONTRACTOR FAIL TO COMPLETE THE WORK WITHIN THE ALLOTTED TIME, THE PUBLIC WORKS COMMISSION SHALL ASSESS A PENALTY OF $500 PER 15-MINUTE INTERVAL OR ANY PORTION THEREOF UNTIL WATER SERVICE IS RESTORED. THIS PENALTY MAY BE WAIVED FOR CIRCUMSTANCES BEYOND THE CONTRACTOR'S CONTROL. AS DEEMED BY THE PUBLIC WORKS COMMISSION. THE PWC PROJECT COORDINATOR AND/OR PROJECT ENGINEER RESERVE THE RIGHT TO CANCEL OR POSTPONE THE OUTAGE AT ANY GIVEN TIME, IF DEEMED NECESSARY.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

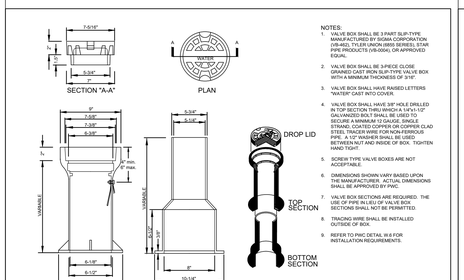
3 C-505 **NOT USED**
NO SCALE



NOTES:
1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH PWC STANDARDS.
2. RESILIENT WEDGE GATE VALVE SHALL BE AS MANUFACTURED BY MUELLER CORP., AMERICAN DARLING OR CLOW CORP.
3. ALL VALVES SHALL HAVE 2" SQUARE OPERATING NUT AND SHALL OPEN COUNTERCLOCKWISE.
4. VALVE BODY, BONNET AND GATE SHALL BE CLEANED IN ACCORDANCE WITH AWWA C-509/C-515 AND ADP51.
5. VALVE BODY AND BONNET SHALL BE COATED ON ALL INTERIOR AND EXTERIOR SURFACES WITH A FUSION BONDED EPOXY IN ACCORDANCE WITH AWWA C-550-90.
6. ALL VALVES 24" AND SMALLER SHALL HAVE A SWE WORKING PRESSURE OF 200 PSI.
7. SEE VALVE BOX DETAIL FOR ADDITIONAL INFORMATION.
8. SEE VALVE BOX PROTECTOR RING DETAIL FOR ADDITIONAL INFORMATION.
9. VALVE BOX SECTIONS ARE REQUIRED. THE USE OF PIPE IN LIEU OF VALVE BOX SECTIONS SHALL NOT BE PERMITTED.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

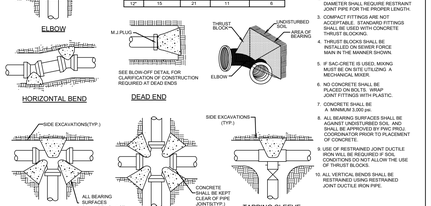
4 C-505 **GATE VALVE**
NO SCALE



NOTES:
1. VALVE BOX SHALL BE 3 PART SLIP-TYPE CAST IRON WITH SCREW ADJUSTMENT (VB-062, VB-063, TYLER/UNION (BEN BERGEL), STAR PIPE PRODUCTS (VB-0004), OR APPROVED EQUAL.
2. VALVE BOX SHALL BE 3-PIECE CLOSE GRAINED CAST IRON SLIP-TYPE VALVE BOX WITH A MINIMUM THICKNESS OF 3/16".
3. VALVE BOX SHALL HAVE RAISED LETTERS "WATER" CAST INTO COVER.
4. VALVE BOX SHALL HAVE 3/8" HOLE DRILLED IN THE TOP SECTION AND A 3/8" DIA. X 2" GALVANIZED BOLT SHALL BE USED TO SECURE A MINIMUM 12 GAUGE, SINGLE STRAND, COATED COPPER OR COPPER CLAD STEEL TRACER WIRE FOR NON-FERROUS PIPE. A WASHER SHALL BE USED BETWEEN NUT AND INSIDE OF BOX. TIGHTEN HAND TIGHT.
5. SCREW TYPE VALVE BOXES ARE NOT ACCEPTABLE.
6. DIMENSIONS SHOWN VARY BASED UPON THE MANUFACTURER. ACTUAL DIMENSIONS SHALL BE APPROVED BY PWC.
7. VALVE BOX SECTIONS ARE REQUIRED. THE USE OF PIPE IN LIEU OF VALVE BOX SECTIONS SHALL NOT BE PERMITTED.
8. TRACING WIRE SHALL BE INSTALLED OUTSIDE OF BOX.
9. REFER TO PWC DETAIL W-6 FOR INSTALLATION REQUIREMENTS.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

5 C-505 **VALVE BOX**
NO SCALE



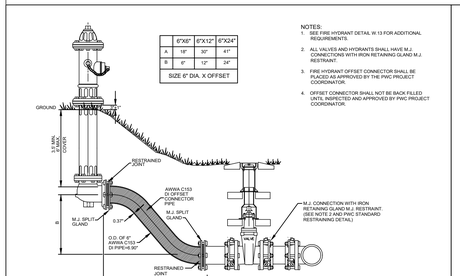
MIN. BEARING AREA EACH DIRECTION OF THRUST IN SQUARE FEET
(based on soil supporting value of 2000 psf @ 200 psig test pressure)

PIPE SIZE	TEES & DEADENDS	90° ELBOWS	45° ELBOW & CROSSES	22-1/2° ELBOWS
4"	4	6	3	2
6"	7	10	5	3
12"	15	21	11	6

NOTES:
1. THRUST BLOCKS SHALL BE INSTALLED AT ALL WATER DISTRIBUTION LINES 6" THRU 12" DIA. IN THE MANNER SHOWN. SEE PWC STANDARD A-7, RESTRAINING DETAIL W-18 FOR ACCEPTABLE ALTERNATE RESTRAINING SYSTEMS.
2. PIPE GREATER THAN 12 INCH DIAMETER SHALL REQUIRE RESTRAINT JOINT PIPE FOR THE PROPER LENGTH.
3. COMPACT FITTINGS ARE NOT ACCEPTABLE. STANDARD FITTINGS SHALL BE USED WITH CONCRETE THRUST BLOCKING.
4. THRUST BLOCKS SHALL BE INSTALLED ON SEWER FORCE MAIN IN THE MANNER SHOWN.
5. IF BAG CRETE IS USED, MIXING MUST BE ON SITE UTILIZING A MECHANICAL MIXER.
6. NO CONCRETE SHALL BE PLACED ON BOLTS, WRAP JOINT FITTINGS WITH PLASTIC.
7. CONCRETE SHALL BE A MINIMUM 3,000 psi.
8. ALL BEARING SURFACES SHALL BE AGAINST UNDISTURBED SOIL AND SHALL BE APPROVED BY PWC PROJ. COORDINATOR PRIOR TO PLACEMENT OF CONCRETE.
9. USE OF RESTRAINED JOINT DUCTILE IRON PIPE IS REQUIRED IF SOIL CONDITIONS DO NOT ALLOW THE USE OF THRUST BLOCKS.
10. ALL VERTICAL BENDS SHALL BE RESTRAINED USING RESTRAINED JOINT DUCTILE IRON PIPE.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

6 C-505 **THRUST BLOCK**
NO SCALE



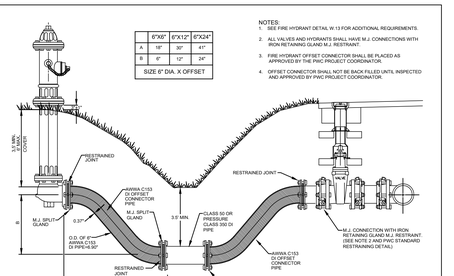
	6"x6"	6"x12"	6"x24"
A	18"	30"	41"
B	6"	12"	24"

SIZE 6" DIA. X OFFSET

NOTES:
1. SEE FIRE HYDRANT DETAIL W.13 FOR ADDITIONAL REQUIREMENTS.
2. ALL VALVES AND HYDRANTS SHALL HAVE M.J. CONNECTIONS WITH IRON RETAINING GLAND M.J. RESTRAINT.
3. FIRE HYDRANT OFFSET CONNECTOR SHALL BE PLACED AS APPROVED BY THE PWC PROJECT COORDINATOR.
4. OFFSET CONNECTOR SHALL NOT BE BACK FILLED UNTIL INSPECTED AND APPROVED BY PWC PROJECT COORDINATOR.

** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

7 C-505 **FIRE HYDRANT OFFSET**
NO SCALE



	6"x6"	6"x12"	6"x24"
A	18"	30"	41"
B	6"	12"	24"

SIZE 6" DIA. X OFFSET

NOTES:
1. SEE FIRE HYDRANT DETAIL W.13 FOR ADDITIONAL REQUIREMENTS.
2. ALL VALVES AND HYDRANTS SHALL HAVE M.J. CONNECTIONS WITH IRON RETAINING GLAND M.J. RESTRAINT.
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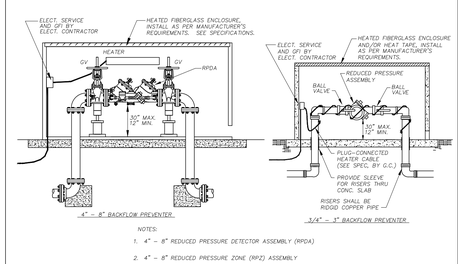
NO SCALE



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** ALL REFERENCES TO "PWC" IN THIS DETAIL SHALL REFER TO THE LOCAL UTILITY AUTHORITY UNLESS OTHERWISE SPECIFIED **

8 C-505 **FIRE HYDRANT OFFSET**
NO SCALE

GROUND
6" MIN. COVER
RESTRAINED JOINTS
AWWA C153 DI OFFSET CONNECTOR PIPE
M.J. SPLIT GLAND
0.37"
O.D. OF 6" AWWA C153 DI PIPE+0.90"
M.J. SPLIT GLAND
M.J. CONNECTION WITH IRON RETAINING GLAND M.J. RESTRAINT. (SEE NOTE 2 AND PWC STANDARD RESTRAINING DETAIL)

VICINITY MAP (N.T.S.)

NC GRID NAD 83
NC GRID NAVD 88

1	MULCH, SEE C-501, #11 & #12
2	SOD.

LANDSCAPE NOTES

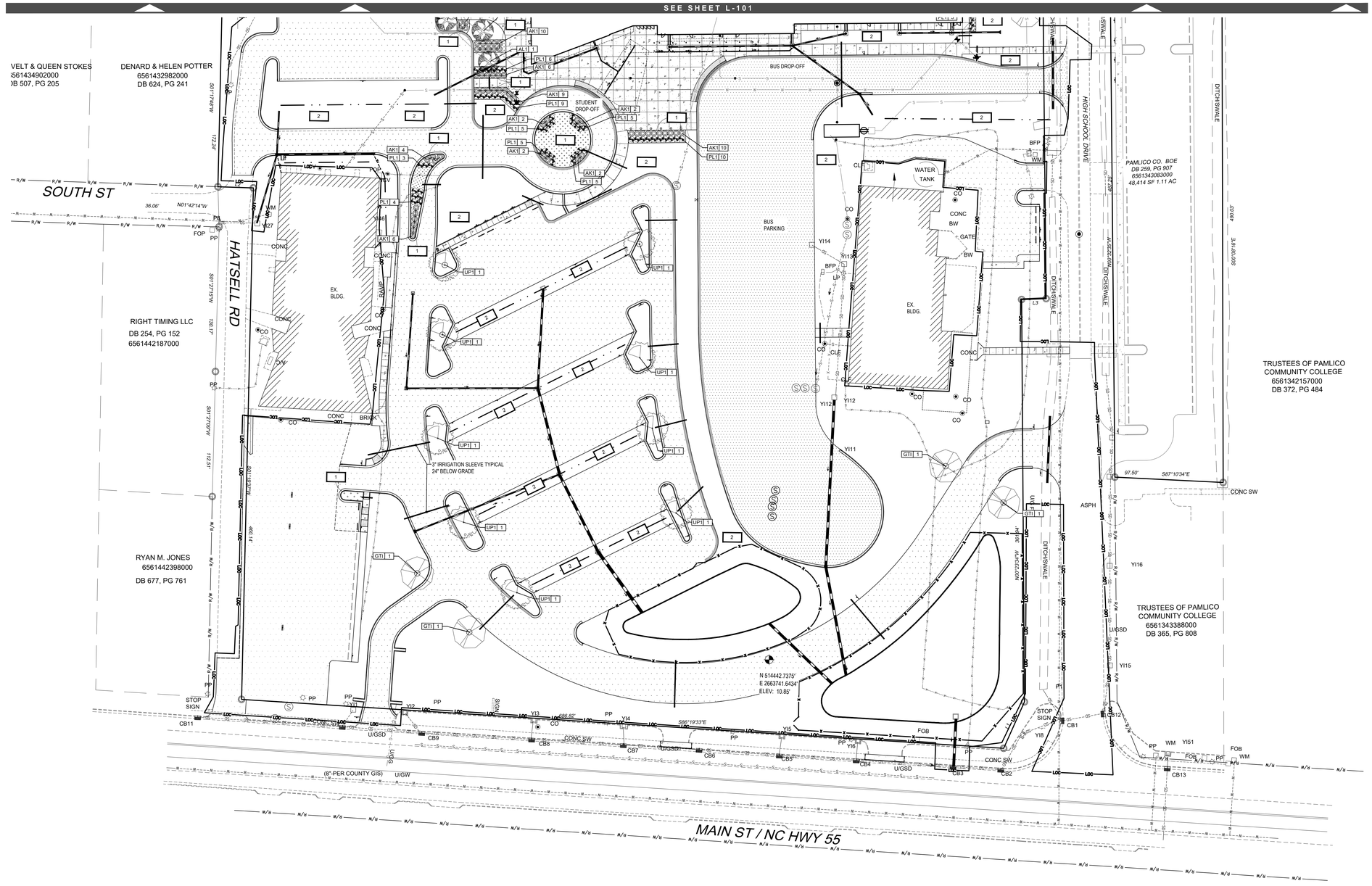
1. ALL TREES SHALL BE MULCHED WITH A MINIMUM 6" PERIMETER UNLESS OTHERWISE INDICATED.
2. CONTRACTOR SHALL USE HARDWOOD MULCH FOR ALL PLANTER BEDS UNLESS OTHERWISE INDICATED. THE USE OF ANY OTHER MULCHING MATERIAL MUST BE APPROVED BY THE DESIGNER PRIOR TO INSTALLATION. MULCH SHALL NOT COVER THE CROWN / ROOT FLARES OF THE PROPOSED PLANT MATERIAL.
3. ALL PLANT MATERIAL SHALL BE APPROVED BY THE DESIGNER PRIOR TO ARRIVAL ON SITE. NO DEVIATIONS OR SUBSTITUTIONS FROM THE PLANT SCHEDULE SHALL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE DESIGNER PRIOR TO THE ARRIVAL OF THE PLANT MATERIAL ON SITE.
4. CONTRACTOR SHALL USE COMMERCIAL GRADE METAL EDGING FOR ALL PLANTER BEDS NOT ENCLOSED BY CONCRETE OR ASPHALT UNLESS OTHERWISE INDICATED. THE USE OF ANY OTHER EDGING MATERIAL SHALL BE APPROVED BY THE DESIGNER PRIOR TO INSTALLATION.
5. TREES, SHRUBS & OTHER PLANTINGS SHALL MEET ALL LOCAL AND STATE REQUIREMENTS.
6. ALL PLANTS MUST BE MULCHED WITHIN TWO (2) DAYS OF PLANTING BY COVERING THE ENTIRE PLANTING AREA WITH A 4-INCH THICK MINIMUM LAYER OF MULCH.
7. ALL TREES SHALL BE AT LEAST 2.5" CALIPER AT TIME OF PLANTING UNLESS OTHERWISE SPECIFIED. ALL SHRUBS SHALL BE A MINIMUM SIZE OF TWO (2) GALLONS AT TIME OF PLANTING UNLESS OTHERWISE SPECIFIED.
8. FOUNDATION PLANTINGS SHALL BE SPACED AN APPROPRIATE DISTANCE AWAY FROM BUILDING WALLS TO ASSURE PROPER MAINTENANCE AND GROWTH.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TREE PROTECTION FENCING AROUND ALL "AT-RISK" TREES WITHIN THE VICINITY OF THE CONSTRUCTION ACTIVITY WHETHER SPECIFICALLY INDICATED ON THE PLANS OR NOT. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER DEVELOPMENT ACTIVITIES, AND SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT UNTIL FINAL SITE INSPECTION. REFER TO CONSTRUCTION PLAN DETAIL SHEETS FOR TREE PROTECTION DETAIL(S).
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PLANT MATERIAL AGAINST DAMAGE DURING THE CONSTRUCTION PERIOD. PROTECTION SHALL BEGIN FROM THE TIME THE PLANT MATERIAL IS INSTALLED AND SHALL CONTINUE UNTIL FORMAL ACCEPTANCE OF THE PROJECT.
11. ALL PLANT MATERIAL SHALL BE MAINTAINED UNTIL SUBSTANTIAL COMPLETION IS APPROVED BY THE OWNER. MAINTENANCE SHALL INCLUDE, BUT IS NOT LIMITED TO, WATERING, PRUNING, FERTILIZING, ETC.
12. PRUNE PROPOSED TREES TO MAINTAIN 6-FT CLEAR UNDERSTORY HEIGHT.
13. JUTE MESH SHALL BE PROVIDED ON ALL SLOPES GREATER THAN 3:1.
14. IN THE EVENT OF A DISCREPANCY IN PLANT MATERIAL QUANTITIES BETWEEN THE DRAWINGS AND THE PLANT LISTS, THE LARGER QUANTITIES SHALL BE REQUIRED.
15. THE CONTRACTOR SHALL SUPPLY PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING AS SHOWN ON THE PLANS.
16. THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING AND PROPOSED UTILITIES TO VERIFY PROPOSED TREE LOCATIONS, AND SHALL REPORT ANY CONFLICTS TO THE DESIGNER TO DETERMINE ALTERNATE PLANTING LOCATIONS.
17. STAKE ALL PROPOSED TREE PLANTINGS FOR REVIEW AND POTENTIAL ADJUSTMENT BY THE DESIGNER.

ADDITIONAL NOTES

1. **ALL GENERAL NOTES, ABBREVIATIONS, SYMBOLS, AND OTHER INFORMATION INDICATED ON SHEET C0 COVER SHEET SHALL APPLY TO THIS PLAN.**
2. **SEE GRADING PLAN FOR ENTIRE DISTURBED AREA. ALL DISTURBED AREAS NOT DESIGNATED AS SOD OR MULCH SHALL BE SEEDED WITHIN 7 DAYS. SEE SHT. C-500, #1-4.**

Plant List Reference Table						
Classification	Key	Common Name	Botanical Name	Quantity	Type / Size	Notes
Canopy Trees	GTI	Shademaster Honey Locust	Gleditsia triacanthos inermis 'Shademaster'	6	2' cal., 8' ht. minimum.	Healthy, Well Branched, Full Foliage
	UP1	Chinese Elm	Ulmus parvifolia	9	2' cal., 8' ht. minimum.	Healthy, Well Branched, Full Foliage
TOTAL CANOPY TREES				15		
Understory Trees	LF1	Crape Myrtle (Natchez)	Lagerstroemia x fauriei "Natchez"		1.5" cal., 5' ht. minimum.	Healthy, Well Branched, Full Foliage
	LF2	Crape Myrtle (Twilight)	Lagerstroemia x fauriei "Twilight"	3	1.5" cal., 5' ht. minimum.	Healthy, Well Branched, Full Foliage
	AL1	Allegheny Serviceberry	Amelanchier laevis	3	1.5" cal., 5' ht. minimum.	Healthy, Well Branched, Full Foliage
TOTAL UNDERSTORY TREES				6		
Shrubs	TO1	Arborvitae (American Emerald)	Thuja occidentalis "American Emerald"	4	See Sizing Notes	Healthy, Full Foliage
	LC2	Loropetalum (Razzleberri)	Loropetalum chinese rubrum "Razzleberri"	23	See Sizing Notes	Healthy, Full Foliage
	PL1	Dwarf Cherry Laurel	Prunus laurocerasus "Otto Luyken"	89	See Sizing Notes	Healthy, Full Foliage
	AK1	'Kaleidoscope' Abelia	Abelia 'Kaleidoscope	57	See Sizing Notes	Healthy, Full Foliage
TOTAL SHRUBS				173		
Sizing Notes	Deciduous shrubs shall be 24" tall at planting; 50% of shrubs shall be min. 5 gal. size at time of planting					
	Evergreen shrubs shall be 18" tall at planting; 50% of shrubs shall be min. 5 gal. size at time of planting					

SEE SHEET L-101



GRAPHIC SCALE (IN FEET) 1 inch = 40 ft.

1 LANDSCAPE PLAN
L-100 1" = 40'

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www.crawforddesign.com

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT 1020 DAVID CRAWFORD III 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
CAD TECH.:		ILB
CHECKED BY:		FDC

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LANDSCAPE PLAN

L-100

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VICINITY MAP (N.T.S.)

NC GRID NAD 83
NC GRID NAVD 88

1 MULCH, SEE C-501, #11 & #12

2 SOD.

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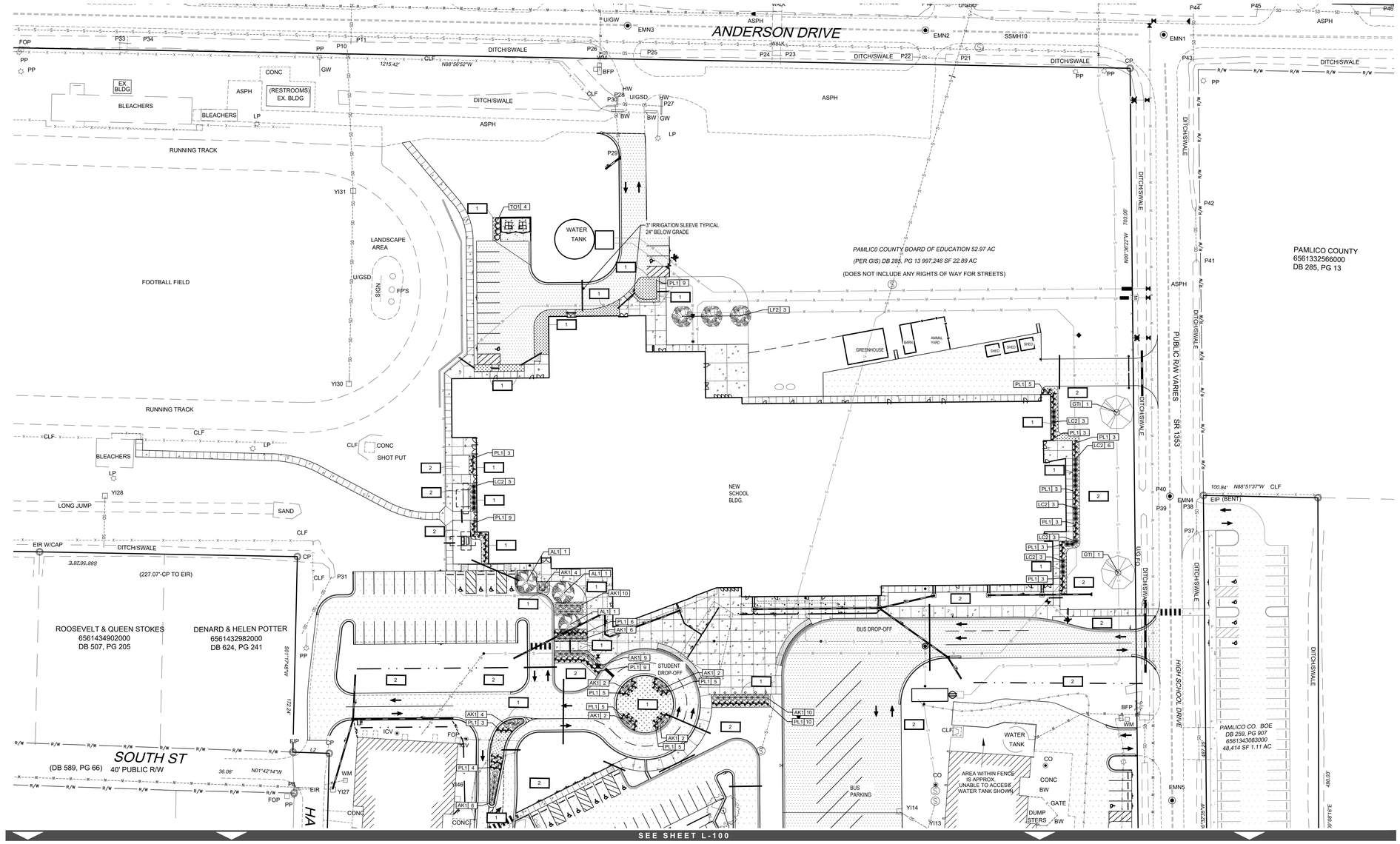

GRAPHIC SCALE 40 0 20 40 80 160 (IN FEET) 1 inch = 40 ft.

1 L-100 **LANDSCAPE PLAN** 1" = 40'

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NORTH CAROLINA LICENSED LANDSCAPE ARCHITECT SEAL 1020 DANIEL CRAWFORD JR. 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:	06/12/24	
PROJECT #:	2205	
CAD TECH.:	ILB	
CHECKED BY:	FDC	

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LANDSCAPE PLAN

L-101

DESIGN CRITERIA

LOCATION: BAYBORO, NORTH CAROLINA
BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE
(2015 IBC WITH NORTH CAROLINA AMENDMENTS)

RISK CATEGORY III
BASIC LATERAL FORCE RESISTING SYSTEM:
ORDINARY REINFORCED MASONRY SHEAR WALLS

DESIGN LIVE LOADS

ROOF	20 PSF
CLASSROOMS	60 PSF
FIRST FLOOR CORRIDORS	100 PSF
STORAGE	125 PSF
MECHANICAL	150 PSF
SECOND FLOOR CORRIDORS	80 PSF

DESIGN SUPERIMPOSED DEAD LOADS

ROOF	30 PSF (INCLUDING 10 PSF SOLAR ALLOWANCE - ALTERNATE NO. 3)
CLASSROOMS	20 PSF

ROOF SNOW LOAD
P_g = 10 PSF
C_e = 0.9
I_s = 1.1
C_t = 1.0

RAIN ON SNOW 15 PSF

WIND LOAD V = 143 MPH (3 SECOND GUST)
EXPOSURE C
DESIGN (DESIGN/ULTIMATE) WIND BASE SHEAR:
V_s = 350k V_I = 760k
INTERNAL PRESSURE COEFFICIENT = ±0.18
COMPONENTS & CLADDING PER ASCE 7 FIGURES 6-3

WIND LOADS ON COMPONENTS & CLADDING FOR GIVEN TRIBUTARY AREAS (psf)

	ZONE	10 SQ FT	20 SQ FT	50 SQ FT	100 SQ FT	500 SQ FT
ROOF	1	+19.5/-47.9	+18.3/-46.7	+16.7/-45.1	+16.0/-43.9	+16.0/-43.9
	2	+43.9/-80.5	+41.9/-71.9	+39.4/-60.6	+37.4/-52.0	+32.9/-52.0
	3	-43.9/-80.5	+41.9/-71.9	+39.4/-60.6	+37.4/-52.0	+32.9/-52.0
ROOF OTHANG	2	-81.5	-81.5	-81.5	-81.5	-81.5
	3	-81.5	-81.5	-81.5	-81.5	-81.5
WALL	4	+43.9/-47.5	+41.9/-45.6	+39.4/-43.0	+37.9/-41.1	+32.9/-36.6
	5	+43.9/-58.5	+41.9/-54.6	+39.4/-49.5	+37.4/-45.6	+32.9/-36.6

1. DETERMINE WIND LOADS ON COMPONENTS IN ACCORDANCE WITH THE NCSBC AND ASCE-7 OR WITH THIS TABLE. REFERENCE ASCE-7-10 CHAPTER 30. TRIBUTARY AREA = GREATER OF LxW OR LxL/3
2. DESIGN FOR STRENGTH USING LOADS FROM ASCE-7 OR FROM THIS TABLE.
3. FOR SERVICEABILITY AND DEFLECTION REQUIREMENTS, REFER TO ASCE 7-10 APPENDIX C.
4. POSITIVE PRESSURES ARE DIRECTED TOWARD THE INTERIOR. NEGATIVE LOADS ARE DIRECTED AWAY FROM THE INTERIOR. NEGATIVE ROOF LOADS ARE UPLIFT LOADS.
5. NET UPLIFT SHALL BE CACLULATED USING A RELIABLE ROOF DEAD LOAD OF 10 PSF AND THE APPLICABLE LOAD COMBINATIONS PER ASCE 7-10.

SEISMIC CRITERIA

SEISMIC DESIGN VALUES DETERMINED UTILIZING 2008 USGS HAZARD DATA

SPECTRAL RESPONSE ACCELERATIONS	S_S = 0.115 S_1 = 0.059
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENTS	S_{DS} = 0.123 S_{D1} = 0.094
SEISMIC DESIGN CATEGORY	B
DESIGN ULTIMATE SEISMIC BASE SHEAR:	V_x = 1070k V_y = 1070k
IMPORTANCE FACTOR	I_e = 1.25
DESIGN SEISMIC RESPONSE COEFFICIENT	C_s = 0.077
RESPONSE MODIFICATION FACTOR	R = 2.0

SPECIAL INSPECTION REQUIREMENTS

THE FOLLOWING SYSTEMS ARE SUBJECT TO THE SPECIAL INSPECTION REQUIREMENTS OF THE NCSBC, CHAPTER 17.

1. RAMMED AGGREGATE PIERS
2. CAST-IN-PLACE CONCRETE FOUNDATIONS
3. ELEVATED CAST-IN-PLACE CONCRETE SLABS
4. CONCRETE MASONRY (LOAD-BEARING OR LATERAL-LOAD RESISTING)
5. STRUCTURAL STEEL
6. STEEL DECK
7. PRECAST CONCRETE HOLLOW CORE PLANKS
8. STEEL JOISTS
9. SPRAY FIRE RESISTANT MATERIALS

GENERAL NOTES

GENERAL

1. DESIGN, FURNISH, AND INSTALL TEMPORARY SHORING, BRACING, AND OTHER TEMPORARY SUPPORTS REQUIRED FOR CONSTRUCTING THE STRUCTURE AND TO MAINTAIN THE STABILITY THROUGHOUT ALL PHASES OF CONSTRUCTION UNTIL THE STRUCTURE IS COMPLETED. ALL TEMPORARY SUPPORTS ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
2. USE STRUCTURAL DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS OF OTHER TRADES.
3. COORDINATE WITH OTHER TRADES THE ACTUAL LOCATIONS AND SIZES OF OPENINGS AND PENETRATIONS REQUIRED BY THEIR WORK.
4. COORDINATE WITH OTHER TRADES THE ACTUAL LOCATIONS AND ELEVATIONS OF BURIED SERVICES PASSING NEAR FOUNDATIONS. UNDERGROUND SERVICES WHICH PASS BENEATH WALL FOOTINGS SHALL HAVE AT LEAST 12" OF CLEARANCE BELOW THE BOTTOM OF THE FOOTING. WHERE THIS IS NOT ACHIEVED, EITHER STEP THE FOOTING DOWN BENEATH THE SERVICE OR INSTALL A STEEL PIPE SLEEVE FOR THE SERVICE TO PASS THROUGH. SLEEVES ARE FURNISHED AND INSTALLED BY THE TRADE INSTALLING THE SERVICE. NO SERVICE IS TO BE INSTALLED BENEATH COLUMN FOOTINGS UNLESS APPROVED BY THE ARCHITECT.
5. COORDINATE WITH OTHER TRADES THE ACTUAL LOCATIONS AND TYPES OF ATTACHMENTS AND ANCHORS THAT ARE REQUIRED BY THE TRADES TO FASTEN THEIR WORK TO THE STRUCTURE.
6. MODIFICATIONS TO STRUCTURAL COMPONENTS AND INSTALLATION OF PENETRATIONS THROUGH STRUCTURAL MEMBERS ARE NOT PERMITTED WITHOUT PRIOR APPROVAL OF THE ARCHITECT.
7. VERIFY ACTUAL DIMENSIONS, ELEVATIONS, AND CONDITIONS OF EXISTING CONSTRUCTION PRIOR TO PROCEEDING WITH WORK OR ORDERING MATERIALS WHICH COULD BE AFFECTED BY EXISTING CONDITIONS.

FOUNDATIONS

1. THE IN-SITU SOIL ALLOWABLE BEARING PRESSURE IS 1,500 PSF PER THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY ECS SOUTHEAST, LLP, AND DATED APRIL 18, 2023.
2. THE BUILDING WALL FOOTINGS AND COLUMNS FOOTINGS HAVE BEEN DESIGNED BASED ON AN ASSUMED EQUIVALENT BEARING CAPACITY OF 3,000 PSF. THE BUILDING AREA SHALL BE SUPPORTED ON GROUND IMPROVEMENT BY RAMMED AGGREGATE PIERS/STONE COLUMNS.
   A. ALL COLUMN AND WALL FOOTINGS AND SLAB-ON-GRADE SHALL BE CONSTRUCTURED ON SUBGRADE SOILS WHICH HAVE BEEN MODIFIED WITH GROUND MODIFICATION USING STONE REPLACEMENT TECHNIQUES. THE AGGREGATE PIER ELEMENTS SHALL BE CONSTRUCTED BY COMPACTING AGGREGATE IN AN EXCAVATED HOLE USING SPECIAL HIGH ENERGY IMPACT DENSIFICATION EQUIPMENT.
3. UNDERCUTTING IS RECOMMENDED TO DEPTHS OF 4 FEET TO REMOVE SOFT SOILS. AREAS REQUIRING UNDERCUTTING SHALL BE BACKFILLED WITH PROPERLY PLACED AND COMPACTED STRUCTURAL FILL IN ORDER TO ACHEIVE THE REQUIRED BEARING CAPACITY. USE OF GEOTEXTILES AND SELECT GRANULAR FILL MAY BE RECOMMENDED BY THE GEOTECHNICAL ENGINEER TO REDUCE REQUIRED UNDERCUT DEPTHS.

FOUNDATIONS (CONT.)

4. ALL STRUCTURAL EARTH FILL SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8 INCHES AND BE COMPACTED TO AT LEAST 95 PERCENT OF THE SOIL'S STANDARD PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. THE TOP 12 INCHES OF FILL IN LOAD BEARING AREAS SHOULD BE COMPACTED TO AT LEAST 98 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY. ALL STRUCTURAL FILL MATERIAL SHALL BE COMPACTED AT A MOISTURE CONTENT WITHIN 3 PERCENT OF THE SOIL'S OPTIMUM MOISTURE CONTENT (AS DETERMINED BY ASTM D-698). ALL STRUCTURAL FILL SHALL BE PLACED UNDER THE FULL-TIME CONTROL OF AN ENGINEERING TECHNICIAN WORKING UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER. THE PLACEMENT AND COMPACTION OF ALL FILL MATERIAL SHALL BE MONITORED AND TESTED IN ORDER TO CONFIRM THAT THE RECOMMENDED DEGREE OF COMPACTION IS BEING OBTAINED. IF AN IMPORTED STRUCTURAL FILL IS REQUIRED TO COMPLETE SITE GRADING, IT SHALL BE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER PRIOR TO USE. IMPORTED STRUCTURAL FILL SHOULD TYPICALLY CONSIST OF LOW PLASTICITY SOIL (LL<50, PI<25), HAVE A STANDARD PROCTOR MAXIMUM DRY DENSITY OF AT LEAST 100 PCF, AND BE FREE OF ORGANIC AND OTHER DELETERIOUS MATERIALS. IF CLEAN SAND FILL IS NECESSARY TO REPLACE LOWER CONSISTENCY SOILS IN THE BUILDING AREA, THE SAND SHOULD CONTAIN LESS THAN 10 TO 12 PERCENT FINES.
5. FINISHED SUBGRADES IN BUILDING AREAS RECEIVING MORE THAN 7 FEET OF FILL SHALL BE MONITORED FOR SETTLEMENT DUE TO THE FILL LOADING. SETTLEMENT MONUMENTS SHOULD BE INSTALLED AT THE TOP OF THE FILL IMMEDIATELY UPON FILL COMPLETION WITH SETTLEMENT MEASUREMENTS TAKEN AT LEAST TWO PER WEEK UNTIL SETTLEMENTS HAVE STABILIZED. CONSTRUCTION F BUILDING FOUNDATIONS AND PAVEMENTS SHALL NOT OCCUR UNTIL IT IS CONFIRMED THAT SETTLEMENT DUE TO NEW FILL HAS STABILIZED.
6. NO FOUNDATIONS SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
7. ALL FOOTING EXCAVATIONS ARE TO BE FINISHED BY HAND.
8. ALL FINISHED FOUNDATION EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE ARCHITECT OR HIS DESIGNATE BEFORE ANY CONCRETE IS PLACED.
9. UNLESS OTHERWISE NOTED, ALL FOOTINGS AND PILASTERS SHALL BE CENTERED UNDER SUPPORTED MEMBERS.
10. DOWELS FROM FOUNDATIONS INTO PIERS, COLUMNS, BUTTRESSES, OR WALLS ABOVE SHALL BE THE SAME SIZE AND NUMBER AS VERTICAL REINFORCEMENT IN PIERS, COLUMNS, BUTTRESSES, OR WALLS ABOVE, EXCEPT AS OTHERWISE SHOWN ON THE DRAWINGS.
11. CAREFULLY FOLLOW THE REQUIREMENTS OF THE SPECIFICATIONS FOR BACKFILL UNDER OR ADJACENT TO ANY PORTION OF THE BUILDING.
12. WHERE FOUNDATION ELEMENTS ARE TO HAVE FILL ON BOTH SIDES, EACH SIDE SHALL BE FILLED SIMULTANEOUSLY, MAINTAINING A COMMON ELEVATION.
13. COORDINATE UNDERFLOOR DRAIN REQUIREMENTS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
14. CONTRACTOR SHALL PROVIDE CONTINUOUS CONTROL OF SURFACE AND UNDERGROUND WATER AS REQUIRED DURING CONSTRUCTION SUCH THAT THE WORK IS DONE IN THE DRY.

STRUCTURAL PRECAST CONCRETE

1. HOLLOW CORE PLANKS SHALL BE NORMAL WEIGHT CONCRETE AND SHALL TEST MINIMUM 5,000 PSI AT 28 DAYS. PRESTRESSING STRANDS SHALL BE 7-WIRE, 270k STRANDS TENSIONED TO 30,881 LB EA, UNO.
2. PRESTRESSING AND FABRICATION SHALL CONFORM TO THE STANDARDS OF ACI 318, 2014 EDITION.
3. PRECAST CONCRETE DESIGN SHALL CONFORM TO PRESTRESSED CONCRETE INSTITUTE DESIGN HANDBOOK, 7th EDITION.
4. PRECAST SHALL BE DESIGNED FOR THE SUPERIMPOSED LOAD INDICATED IN THE DESIGN CRITERIA, INITIAL ERECTION AND HANDLING STRESSES AND 15 PSF FOR MEP ATTACHMENTS.
5. PRECAST CONSTRUCTION SHALL PROVIDE A MINIMUM 2-HOUR FIRE RATING AS PER GOVERNING BUILDING CODE.
6. THE DESIGN AND DETAILING OF ALL PRECAST CONCRETE AND THEIR CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE PRECAST FABRICATOR. THIS SHALL INCLUDE ALL BOLTS, PLATES, BRACES, REINFORCING, WELD SIZES, AND ANY EMBEDDED ITEMS IN BOTH PRECAST AND THE STRUCTURAL FRAME FOR ALL CONNECTIONS BETWEEN THE PRECAST AND THE SUPPORT FRAME. ALL CONNECTIONS SHOWN ON THE DRAWINGS ARE CONCEPTUAL IN NATURE AND ARE FOR BIDDING PURPOSES ONLY.
7. THE PRECAST DESIGN SHALL BE PREFORMED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NORTH CAROLINA . THE DESIGN SHALL CONFORM TO THE GOVERNING BUILDING CODE, THE PCI DESIGN MANUAL, AND ASCE 7-10. DESIGN CALCULATIONS, STAMPED BY THE REGISTERED ENGINEER, SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER OF RECORD. THE PRECAST FABRICATOR SHALL DESIGN THE ENTIRE STRUCTURAL SYSTEM FOR ALL GRAVITY AND LATERAL LOADS SHOWN ON THESE DRAWINGS AND REQUIRED BY THE GOVERNING BUILDING CODE.
8. DESIGN MODIFICATIONS MAY BE MADE ONLY AS NECESSARY TO MEET FIELD CONDITIONS AND TO ENSURE PROPER FITTING OF THE WORK, AND ONLY AS ACCEPTABLE TO THE ENGINEER OF RECORD. MAINTAIN GENERAL DESIGN CONCEPT SHOWN WITHOUT INCREASING OR DECREASING SIZES OF MEMBERS OR ALTERING PROFILES AND ALIGNMENT SHOWN.
9. REFER TO THE ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL OPENINGS, SLEEVES, AND PENETRATIONS IN THE STRUCTURE. ALL OPENINGS, PLANT-CAST OR FIELD-CUT, MUST BE REVIEWED AND APPROVED BY THE PRECAST FABRICATOR'S ENGINEER. SUBMIT WALL SHOP DRAWINGS NOTING REQUIRED OPENINGS FOR REVIEW. MECHANICAL SUBCONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO ARCHITECT.
10. PRE-STRESSED CONCRETE MANUFACTURER MUST DESIGN OPENINGS WHICH REQUIRE HANGER TYPE SUPPLEMENTARY STEEL MEMBERS.
11. CONCRETE STRENGTH TESTING OF HOLLOW CORE PLANKS:
    A. TEST CONCRETE COMPRESSION SPECIMENS OBTAINED FROM THE CONCRETE BEING USED IN THE INSTALLED PANELS IN ACCORDANCE WITH PCI MNL-116.
12. PROVIDE NON-LEACHING MULTIMONOMER PLASTIC STRIP BEARING PADS CAPABLE OF SUPPORTING CONSTRUCTION LOADS WITH NO VISIBLE OVERALL EXPANSION.
13. INSTALL A CONCRETE TOPPING SLAB WITH A 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI.
14. ERECTION:
    A. ERECT PRE-STRESSED CONCRETE UNITS INTO FINAL POSITION UNDER THE SUPERVISION OF THE MANUFACTURER OR AN ERECTOR EXPERIENCED IN INSTALLATION OF THE TYPES OF UNITS SPECIFIED ON THE CONTRACT DOCUMENTS.
    B. ALIGN AND LEVEL PRE-STRESSED CONCRETE UNITS IN ACCORDANCE WITH THE REQUIREMENTS AND TOLERANCES OF PCI MNL-116 PRIOR TO GROUTING KEY WAY JOINTS. GROUT KEYWAYS PRIOR TO UNITS BEING LOADED OR ENDS RESTRAINED.
    C. CLEAN AND FILL ALL KEYWAYS BETWEEN UNITS SOLIDLY WITH GROUT (MINIMUM 3000 PSI GROUT STRENGTH). REMOVE GROUT SEEPAGE PRIOR TO HARDENING.
    D. PATCH DAMAGE AND HOLES IN HOLLOW-CORE SLAB UNITS TO MAINTAIN THE UNIT'S STRUCTURAL ADEQUACY.
15. TOPPING SLAB:
    A. CLEAN AND WET PLANKS PRIOR TO PLACING CONCRETE TOPPING SLAB.
    B. INSTALL A TOPPING SLAB WITH A MINIMUM DEPTH OF 2" UNO ON THE PLANS.
    C. SEE ARCHITECTURAL DRAWING FOR ADDITIONAL TOPPING THICKNESS REQUIRED FOR SLAB DRAINAGE.

CAST-IN-PLACE CONCRETE

1. MATERIALS
   A. PORTLAND CEMENT: ASTM C150, TYPE I.
   B. FLY ASH: ASTM A618, CLASS C OR F.
   C. NORMAL-WEIGHT AGGREGATE: ASTM ASTM C33, CLASS 3M.
   D. LIGHTWEIGHT AGGREGATE EXPANDED SHALE OR SLATE: ASTM C330.
   E. REINFORCING STEEL: ASTM A615 GRADE 60.
   F. REINFORCING STEEL, WELDABLE: ASTM A706.
   G. WELDED WIRE FABRIC: ASTM A185, FLAT SHEETS.
   H. UNDER-SLAB DRAINAGEFILL: 6" GRANULAR FILL, MAXIMUM AGGREGATE SIZE OF 3/4".
   I. VAPOR BARRIER: ASTM E1745, CLASS B; FIVE-PLY, NYLON OR POLYESTER CHORD, 10 MILS THICKNESS.
   J. WATERSTOP: SELF EXPANDING.
2. CONCRETE MIXES
   A. FOOTINGS 3000 PSI NW
   B. SLABS-ON-GRADE: 3000 PSI NW.
   C. SLABS-ON-GRADE EXPOSED TO WEATHER: 4500 PSI NW, AIR-ENTRAINED
   D. SUPPORTED SLABS ON STEEL DECK: 3500 PSI LW (115 PCF)
   E. TOPPING SLABS ON HOLLOW CORE: 3500 PSI LW (115 PCF)
3. PERFORM CONCRETE WORK IN ACCORDANCE WITH ACI 318 AND ACI 301.

CAST-IN-PLACE CONCRETE CONTINUED

4. PROVIDE CONCRETE COVER AS FOLLOWS:
   A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3".
   B. CONCRETE EXPOSED TO EARTH OR WEATHER:
      a. #5 OR SMALLER: 1 1/2".
      b. #6 OR LARGER: 2".
   C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
      a. SLABS, WALLS, JOIST: 3/4" BEAMS, COLUMNS: 1 1/2" TO PRIMARY
      b. REINFORCEMENT, TIES, STIRRUPS, OR SPIRALS.
5. PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. SPLICE ONLY AS SHOWN OR APPROVED. MINIMUM LAP LENGTHS, EXPRESSED IN NUMBER OF BAR
6. DIAMETERS, SHALL BE AS FOLLOWS:

BAR SIZE	NORMAL WT. CONCRETE STRENGTH, fc (psi)		
	3000	4000	5000
#6 OR SMALLER	57 DIA.	49 DIA.	44 DIA.
#7 OR LARGER	71 DIA.	62 DIA.	55 DIA.

MULTIPLY THE ABOVE LENGTHS BY 1.3 FOR TOP BARS AND BY 1.3 FOR LIGHTWEIGHT CONCRETE. WHERE BARS OF UNEQUAL DIAMETER ARE LAPPED, USE THE LAP LENGTH OF THE SMALLER BAR. THE ABOVE LENGTHS ARE CLASS "B" TENSION LAP SPLICES BASED ON GRADE 60 BARS WITH A COVER OF AT LEAST 1 BAR DIA. AND SPACING AT LEAST 3 BAR DIA. LAP LENGTHS SHALL BE INCREASED IN ACCORDANCE WITH ACI 318 IF COVER IS LESS THAN 1 BAR DIA. OR SPACING IS LESS THAN 3 BAR DIA.

7. ACCURATELY INSTALL AND PROPERLY SECURE ANCHORS, BEARING PLATES, SLEEVES, AND OTHER EMBEDDED ITEMS.
8. ACCURATELY LOCATE AND BLOCK OUT OPENINGS AND PENETRATIONS.
9. COORDINATE WITH OTHER TRADES FOR ANCHORS, EMBEDDED ITEMS, SLEEVES, AND PENETRATIONS REQUIRED AND/OR FURNISHED BY THE OTHER TRADES.
10. PROVIDE CONTRACTION JOINTS IN SLABS-ON-GRADE WHERE INDICATED ON THE PLANS. PROVIDE A JOINT DEPTH EQUAL TO AT LEAST 25% OF THE SLAB THICKNESS.
11. INSTALL AND SEAL VAPOR BARRIER IN ACCORDANCE WITH ASTM E1643 AND MANUFACTURER'S INSTRUCTIONS. LAP JOINTS 6" AND SEAL WITH MANUFACTURER'S RECOMMENDED TAPE.
12. FLOOR FINISHES:
    A. FLOAT FINISH: SURFACES TO RECEIVE A TROWEL FINISH, TO BE COVERED WITH FLUID-APPLIED OR SHEET WATERPROOFING, OR TO BE COVERED WITH BUILT-UP OR MEMBRANE ROOFING.
    B. TROWEL FINISH: SURFACES EXPOSED TO VIEW OR COVERED WITH RESILIENT FLOORING, CARPET, WOOD FLOORING, PAINT, SEALER, OR OTHER THIN FILM FINISH.
    C. TROWEL AND FINE-BROOM FINISH: SURFACES TO BE COVERED WITH QUARRY OR CERAMIC TILE INSTALLED BY THE THIN-SET OR THICK-SET METHOD.
    D. BROOM FINISH: EXTERIOR CONCRETE PLATFORMS, STEPS, AND RAMPS
13. FLOOR FINISH TOLERANCE:
    A. SLABS TO RECEIVE WOOD FLOORING:
       a. SPECIFIED OVERALL VALUES: FF=35 / FL=25.
       b. MINIMUM LOCAL VALUES: FF=24 / FL=17.
    B. ALL OTHERS RECEIVING TROWEL OR TROWEL AND FIN-BROOM FINISH:
       a. SPECIFIED OVERALL VALUES: FF=25 / FL=20.
       b. MINIMUM LOCAL VALUES: FF=17 / FL=15.
14. FLOOR FRAMING AND FLOOR DECK ARE DESIGNED TO REMAIN UNSHORED DURING CONCRETE PLACEMENT. ACCOUNT FOR AN EXPECTED DEFLECTION IN BEAMS AND GIRDERS OF UP TO 1/360 OF THE SPAN LENGTH (IN INCHES) OR 1 INCH, WHICHEVER IS LESS. WHEN CALCULATING CONCRETE QUANTITIES.
15. FINISH SLABS FLAT AND LEVEL.
16. NO CONDUIT OR PIPE MAY BE RUN WITHIN STRUCTURAL CONCRETE MEMBERS EXCEPT WHERE INDICATED.

COLD-FORMED STEEL STRUCTURAL FRAMING

1. ENGINEER, FABRICATE, AND INSTALL COLD-FORMED STEEL STRUCTURAL FRAMING FOR THE FOLLOWING:
   A. STRUCTURAL TRUSSES AS INDICATED ON ROOF PLANS.
2. ENGINEER, FABRICATE, AND INSTALL PERMANENT AND TEMPORARY BRACING, BRIDGING, CONNECTIONS, AND ANCHORAGES TO THE PRIMARY STRUCTURE FOR THE COMPONENTS LISTED ABOVE.
3. REFER TO ARCHITECTURAL DRAWINGS FOR NON-LOAD-BEARING COLD-FORMED STEEL CURTAIN WALL MEMBERS AND OTHER COLD-FORMED AND LIGHT GAGE STEEL MEMBERS NOT LISTED ABOVE.
4. COMPLY WITH DECK: 1 1/2" DEEP, TYPE B (WIDE RIB), 20 GAGE, ASTM A653, SS, GRADE 50, G60 GALVANIZED COATING.
   A. AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
   B. CCFSS TECHNICAL BULLETIN: "AISI SPECIFICATION FOR SCREW CONNECTIONS".
   C. AISI "DESIGN GUIDE FOR COLD-FORMED STEEL TRUSSES".
   D. AWS D1.3, "STRUCTURAL WELDING CODE, SHEET STEEL".
5. STRUCTURAL PERFORMANCE:
   A. DEAD, LIVE, WIND LOADS AND SEISMIC CRITERIA: SEE GENERAL NOTES ON THIS SHEET.
   B. LATERAL LOAD ON INTERIOR LOAD-BEARING WALLS: 5 PSF.
   C. HORIZONTAL DEFLECTION, EXTERIOR LOAD-BEARING WALL FRAMING: SPAN/600 FOR MASONRY VENEERS, SPAN/360 OTHERWISE.
   D. ALLOW FOR CONSTRUCTION TOLERANCES AND ACCOMMODATE LIVE LOAD DEFLECTIONS OF THE PRIMARY STRUCTURE OF UP TO 3/4 INCH.
   E. ASSUME NON-STRUCTURAL SHEATHING PROVIDES NO LATERAL BRACING TO FRAMING MEMBERS.
6. SUBMIT COMPLETED DESIGN CALCULATIONS AND ERECTION DRAWINGS SEALED BY A PROFESSIONAL ENGINEER LICENSED IN NORTH CAROLINA, TO THE ARCHITECT FOR REVIEW.
7. MATERIALS
   A. COLD-FORMED STEEL: ASTM A653, GRADE 33 UNLESS NOTED OTHERWISE, G60 COATING.
   B. MINIMUM UNCOATED-STEEL THICKNESS: 0.0428" FOR ALL MEMBERS, EXCEPT TRUSS MEMBERS.
   C. MINIMUM UNCOATED-STEEL THICKNESS, TRUSS MEMBERS: THICKNESS REQUIRED TO SATISFY DESIGN AND CONSTRUCTABILITY REQUIREMENTS.
   D. ANCHOR BOLTS: ASTM F1554, GRADE 36, ZINC-COATED IN ACCORDANCE WITH ASTM A153, CLASS C.
   E. EXPANSION AND ADHESIVE ANCHORS: AS INDICATED ELSEWHERE IN THE GENERAL NOTES.
   F. POWER-ACTUATED ANCHORS: CORROSION RESISTANT CARBON STEEL, 0.145" MINIMUM DIAMETER.
   G. MECHANICAL FASTENERS: CORROSION-RESISTANT-COATED CARBON STEEL, SELF-DRILLING, SELF-THREADING DRILL SCREWS, #10 MIN.
   H. WELD FILLER MATERIAL: IN ACCORDANCE WITH AWS D1.3
8. PERFORM WELDING WITH QUALIFIED WELDERS IN ACCORDANCE WITH AWS D1.3.
9. INSTALL PERMANENT BRIDGING, BRACING, AND ANCHORAGES TO THE PRIMARY STRUCTURES AS INDICATED ON APPROVED SHOP DRAWINGS.
10. INSTALL BENT PLATES AS INDICATED AT RIDGES, HIPS, VALLEYS, EAVES, AND OTHER TRANSITIONS TO PROVIDE ADEQUATE SUPPORT FOR DECKING AND SHEATHING.

STRUCTURAL STEEL

1. MATERIALS
   A. STRUCTURAL STEEL WIDE FLANGE SHAPES: ASTM A992
   B. OTHER STRUCTURAL STEEL ROLLED SHAPES: ASTM A36
   C. RECTANGULAR OR ROUND HSS: ASTM A500, GR C
   D. STEEL PIPE: ASTM A53, GR B
   E. STEEL PLATE: ASTM A36
   F. HIGH STRENGTH BOLTS: ASTM A325
   G. ANCHOR RODS: ASTM F1554, GRADE 36
   H. WELD ELECTRODE: IN ACCORDANCE WITH AWS D1.1
2. FABRICATE AND ERECT STEEL IN ACCORDANCE WITH THE AISC SPECIFICATION. PERFORM SHOP AND FIELD WELDING IN ACCORDANCE WITH AWS D1.1 WITH CURRENTLY CERTIFIED WELDERS.
3. FLOOR FRAMING HAS BEEN DESIGNED TO REMAIN UNSHORED DURING CONCRETE PLACEMENT.
4. UNLESS NOTED OTHERWISE, ALL BOLTED CONNECTIONS ARE MADE WITH 3/4" HIGH STRENGTH BOLTS INSTALLED SNUG TIGHT.
5. WELD SHEAR CONNECTORS IN ACCORDANCE WITH AWS D1.1 WITH CURRENTLY CERTIFIED WELDERS. REMOVE AND DISCARD ARC SHIELDS AFTER WELDING.
6. STEEL PREPARATION AND FINISH:
   A. INTERIOR FRAMING: SSPC SP3 POWER TOOL CLEANING; PAINT 23 LATEX PRIMER FOR STEEL SURFACES.
   B. EXTERIOR FRAMING: SSPC SP6 COMMERCIAL BLAST CLEANING; PAINT 20 ZINC RICH PRIMER.
   C. BRICK RELIEF ANGLES: SSPC SP6 COMMERCIAL BLAST CLEANING; HOT DIPPED GALVANIZED.

STRUCTURAL STEEL CONTINUED

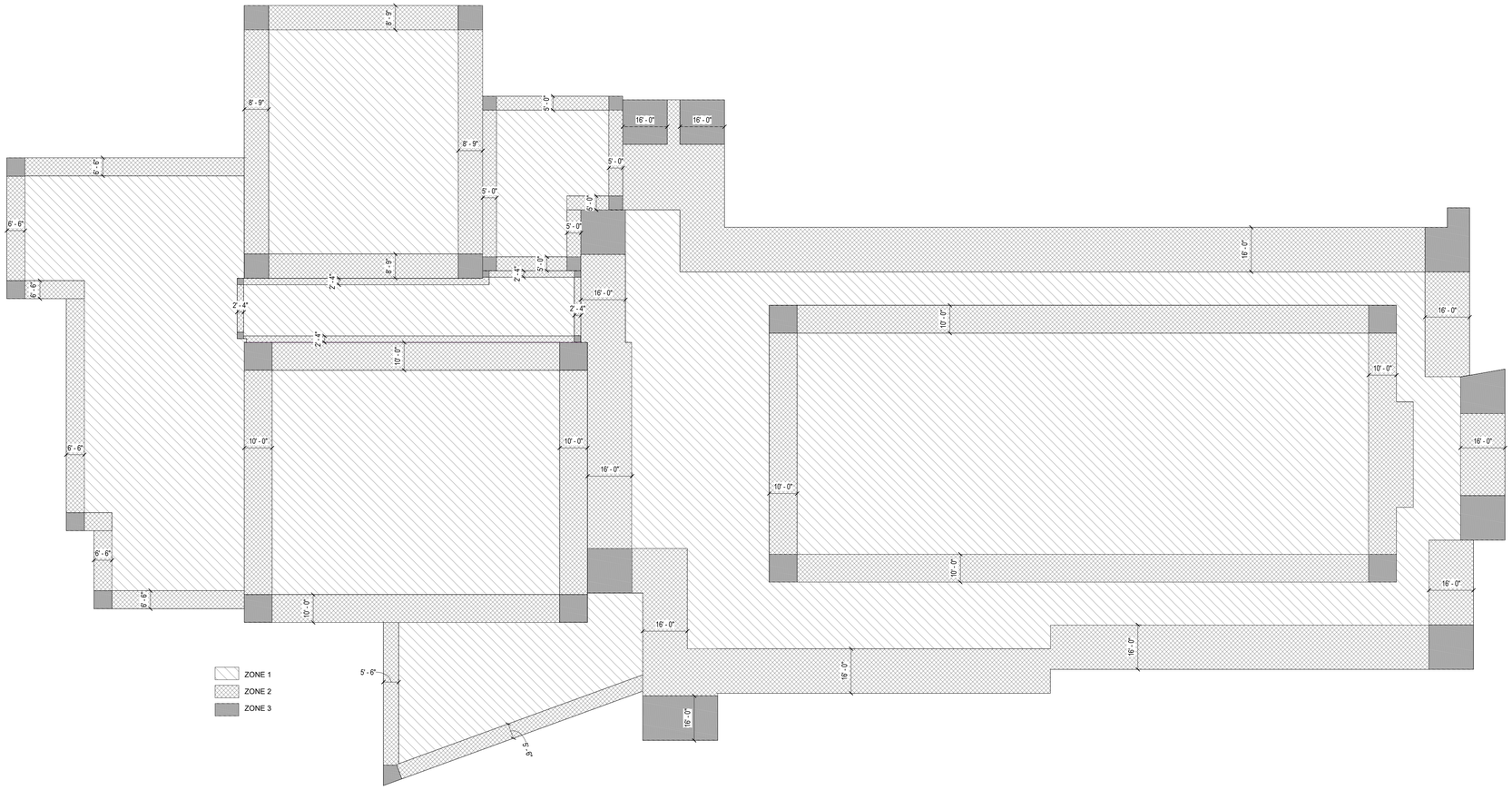
7. FOR BEAMS NOT MEETING THE MINIMUM SIZE REQUIREMENT OF THE UL ASSEMBLY, THE CONTRACTOR SHALL PROVIDE FOR APPROVAL W/D CALCULATIONS AS REQUIRED IN SECTION 722.5.2.2 OF THE NC STATE BUILDING CODE.
8. STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO THE FOLLOWING, UNO:
   a. MINIMUM SIZE OF BOLTS SHALL BE 3/4" DIAMETER AND EACH CONNECTION SHALL HAVE A MINIMUM OF TWO BOLTS WITH ONE HARDENED WASHER PER BOLT.
   b. BEARING TYPE CONNECTIONS SHALL BE DESIGNED AS TYPE "N".
   c. IN GENERAL. CONNECTIONS SHALL BE FIELD BOLTED AND TIGHTENED TO SNUG TIGHT CONDITION, UNO. ALL BOLTS DESIGNATED "SLIP CRITICAL" OR "FULLY TIGHTENED" SHALL BE TIGHTENED TO THE MINIMUM PRETENSION VALUE SHOWN IN TABLE J3.1 OF THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. IN ADDITION, CONNECTIONS DESIGNATED "SLIP CRITICAL" SHALL HAVE PROPERLY PREPARED FAYING SURFACES TO MEET CLASS A SURFACE CONDITION, UNO.
   d. "FULLY TIGHTENED" CONNECTIONS SHALL INCLUDE ALL BOLTS IN MOMENT CONNECTIONS, BRACED FRAME CONNECTIONS, HANGERS, GIRT CONNECTIONS, BOLTS IN TENSION, CONNECTIONS SUBJECT TO VIBRATION AND ALL A490 BOLTS. DIRECT TENSION INDICATOR (DTI) WASHERS OR TENSION CONTROL BOLTS (TCB'S) SHALL BE USED AT THESE CONDITIONS.
   e. MINIMUM THICKNESS OF ALL CONNECTION MATERIAL TO BE 5/16", UNO. MINIMUM THICKNESS OF GUSSET PLATES AND SHEAR PLATES TO BE 3/8".
   f. UNO IN THE DRAWINGS, MINIMUM NUMBER OF BOLTS REQUIRED IN A BEAM WEB CONNECTION SHALL BE AS FOLLOWS:

BEAM SIZE	MIN NO OF BOLTS
• W8 / W10 / W12	2
• W14 / W16 / W18	3
• W21 / W24	4
• W27 / W30	5
• W33 / W36	6
• W40 / W44	7

   g. IN CONNECTIONS OF BEAMS, THE MINIMUM NUMBER OF BOLTS SHALL BE REQUIRED TO DEVELOP THE END REACTION NOTED ON THE CONTRACT DRAWINGS. MINIMUM BEAM END REACTION TO BE USED IS 10 KIPS ASD.
   h. CONNECTIONS OF BEAMS SHALL DEVELOP THE BEAM SHEAR END REACTION IN ADDITION TO ANY AXIAL FORCES LISTED ON THE STRUCTURAL DRAWINGS, WHERE APPLICABLE. FORCES SHALL BE CONSIDERED TO ACT SIMULTANEOUSLY.
   i. ALL MOMENT CONNECTIONS SHALL DEVELOP THE FULL MOMENT CAPACITY OF THE BEAM, UNO.
   j. ALL BRACING CONNECTIONS SHALL DEVELOP THE TENSION/COMPRESSION FORCES NOTED ON THE DRAWINGS. IF THE FORCE IS NOT NOTED ON DRAWINGS, THE BRACING CONNECTION SHALL DEVELOP THE ALLOWABLE TENSION FORCE IN THE MEMBER. BRACING CONNECTIONS SHALL BE DESIGNED AND DETAILED SO THAT ALL FORCE COMPONENTS WILL BE TRANSMITTED DIRECTLY TO THE CENTER OF GRAVITY OF INTERSECTING MEMBERS. WHERE THIS IS NOT POSSIBLE, CONNECTIONS SHALL BE DESIGNED FOR ALL RESULTING ECCENTRICITIES.
9. WELD SHEAR CONNECTORS IN ACCORDANCE WITH AWS D1.1 WITH CURRENTLY CERTIFIED WELDERS. REMOVE AND DISCARD ARC SHIELDS AFTER WELDING.
10. ALL STEEL EXPOSED TO VIEW SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 10 OF THE "AISC CODE OF STANDARD PRACTICE".

STEEL DECK

1. MATERIALS
   A. COMPOSITE STEEL FLOOR DECK: 3" DEEP, 16 GAGE, ASTM A653, SS, GRADE 50, G60 GALVANIZED COATING.
   B. COMPOSITE STEEL FLOOR DECK: 2" DEEP, 16 GAGE, ASTM A653, SS, GRADE 50, G60 GALVANIZED COATING.
   C. STEEL ROOF DECK: 1 1/2" D



1 S-020 **ROOF UPLIFT DESIGN PRESSURES**

SCALE: 1" = 20'-0"

ROOF UPLIFT DESIGN PRESSURE NOTES:

1. ROOF WIND UPLIFT DESIGN PRESSURE ZONES INDICATED ON THIS SHEET ARE FOR ROOFING MATERIAL COMPONENTS AND CLADDING ONLY. SEE SHEET S-010 FOR DESIGN PRESSURES.
2. DESIGN NET WIND UPLIFT FOR JOISTS SHALL BE DETERMINED BASED ON WIND ZONES SHOWN IN THE DIAGRAM ABOVE, JOIST TRIBUTARY AREA, AND WIND PRESSURES INDICATED ON SHEET S-010. NET UPLIFT SHALL BE CALCULATED USING A RELIABLE ROOF DEAD LOAF OF 10 PSF AND THE APPLICABLE LOAD COMBINATIONS PER ASCE 7-10.

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333 Fayetteville St, Ste 225
Raleigh, NC 27601
P: 919.573.6350
F: 919.573.6355
www.sfla.biz

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FRANK W. CARROLL NORTH CAROLINA PROFESSIONAL 037412 ENGINEER TIMOTHY K. WILTON 6-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE: 06/12/2024

PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

ROOF UPLIFT DESIGN PRESSURES

S-020

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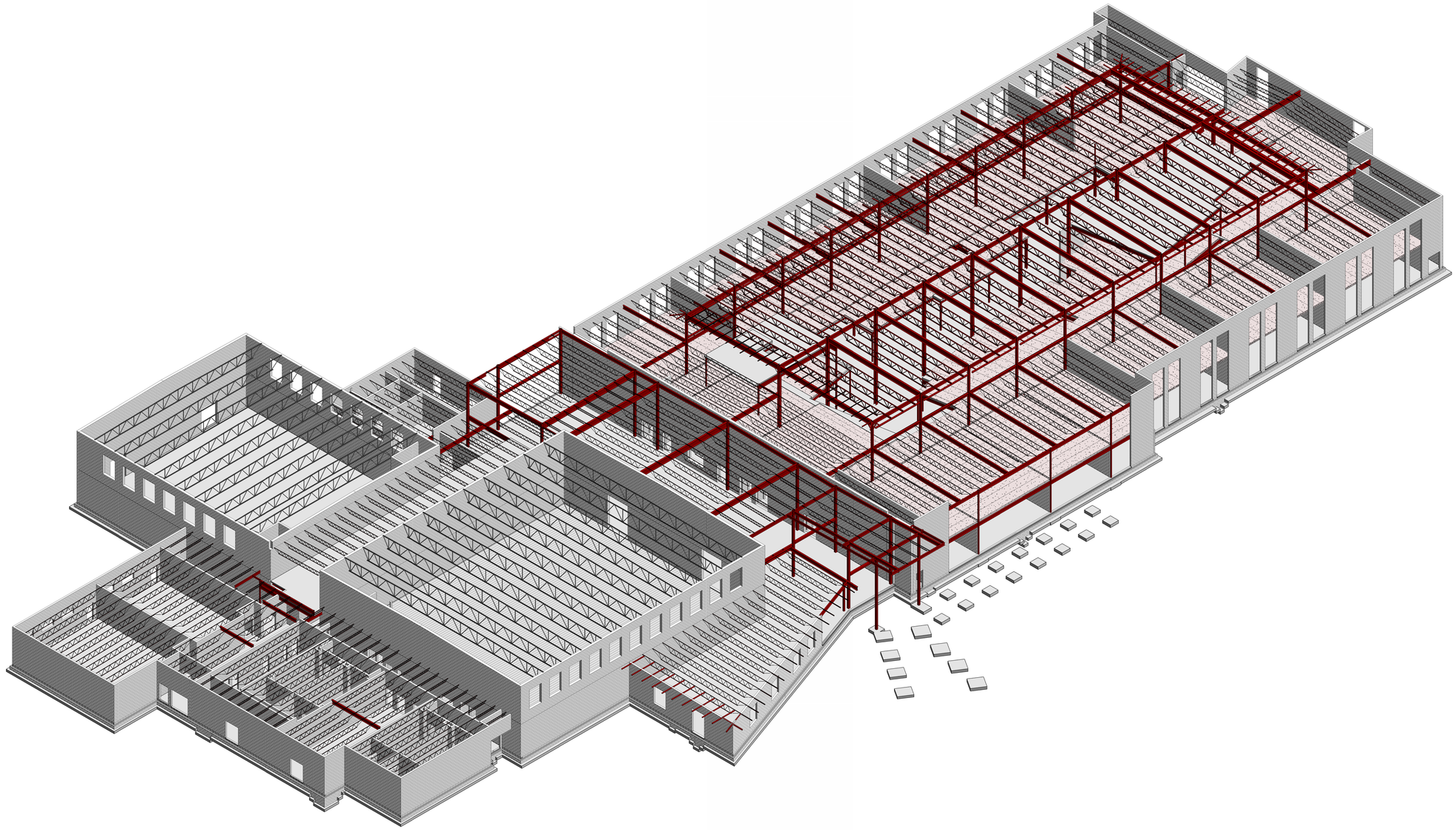

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P: 919.573.6350
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NORTH CAROLINA PROFESSIONAL SEAL 037412 ENGINEER TIMOTHY K. WILTON
6-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE:	06/12/2024
PROJECT #:	23.08.034
DRAWN BY:	Author
CHECKED BY:	Checker

STRUCTURAL ISOMETRIC VIEW

S-030

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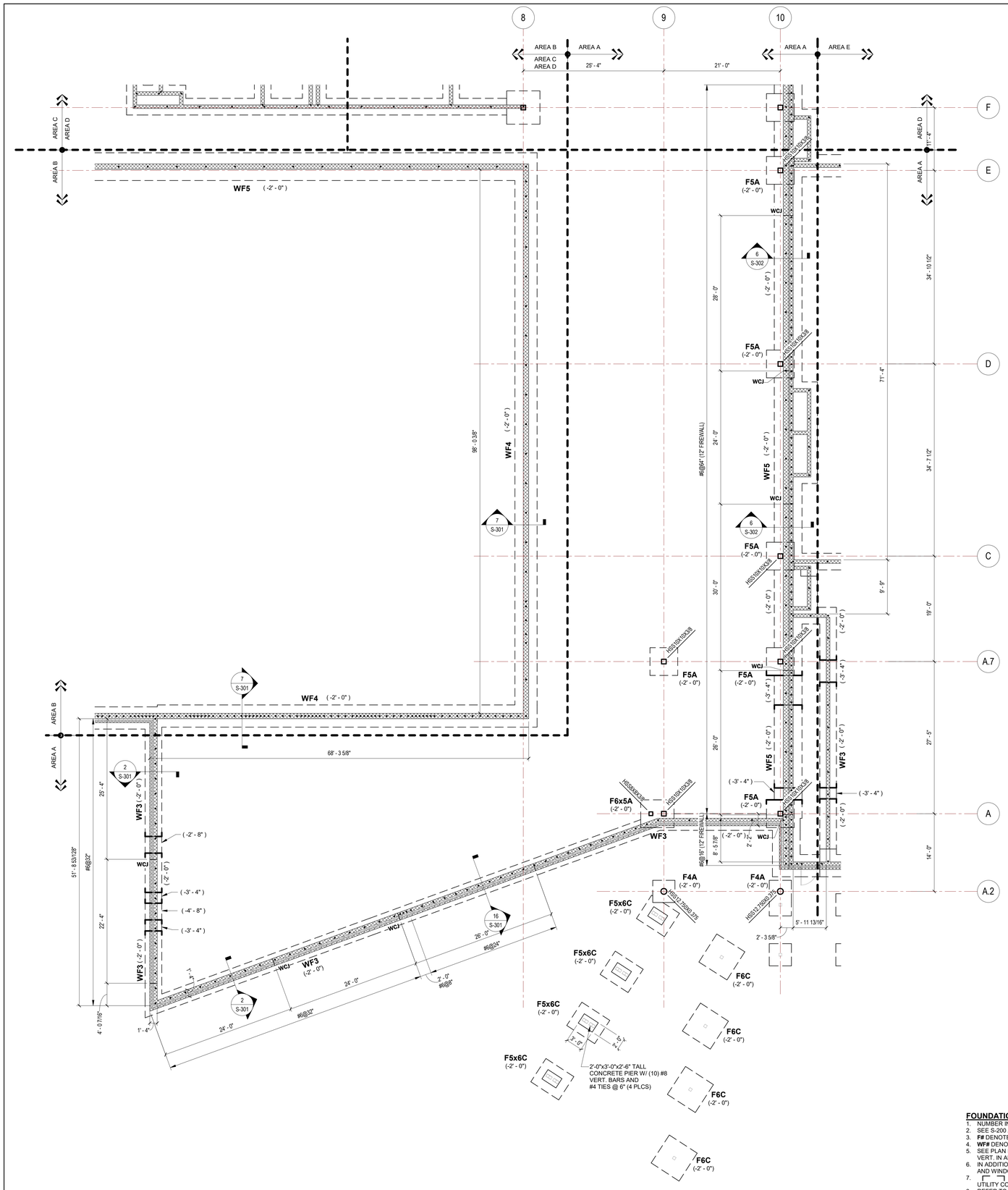

1 S-100A **FOUNDATION PLAN - AREA A**

SCALE: 1/8" = 1'-0"

WALL FOUNDATION SCHEDULE

MARK	FOUNDATION SIZE (WIDTH x THICKNESS)
WF3	3' - 0"x1' - 0"
WF4	4' - 0"x1' - 0"
WF5	5' - 0"x1' - 0"
WF5.5	5' - 6"x1' - 0"

COLUMN FOOTING SCHEDULE

MARK	SIZE	DEPTH	REINFORCING (EACH WAY)	REMARKS
F4	4' - 0" x4' - 0"	1' - 2"	(4) #5 EW BOTTOM	
F4A	4' - 0" x4' - 0"	1' - 2"	(4) #5 EW TOP & BOTTOM	
F4C	4' - 0" x4' - 0"	1' - 2"	(4) #5 EW TOP & BOTTOM	FOOTING SIZE FOR BID PURPOSES ONLY. TO BE CONFIRMED AFTER REVIEW OF CANOPY SHOP DRAWNGS. CANOPY & FOUNDATIONS ARE PART OF ALTERNATE NO. 1B
F5	5' - 0" x5' - 0"	1' - 2"	(6) #5 EW TOP,(6) #5 EW BOTTOM	
F5.5	5' - 6" x5' - 6"	1' - 2"	(6) #5 EW BOTTOM	
F5A	5' - 0" x5' - 0"	1' - 2"	(6) #5 EW TOP & BOTTOM	
F5x6C	5' - 0" x6' - 0"	1' - 0"	(4) #5 EW TOP & BOTTOM	FOOTING SIZE FOR BID PURPOSES ONLY. TO BE CONFIRMED AFTER REVIEW OF CANOPY SHOP DRAWNGS. CANOPY & FOUNDATIONS ARE PART OF ALTERNATE NO. 1A
F6	6' - 0" x6' - 0"	1' - 2"	(7) #5 EW BOTTOM	
F6A	6' - 0" x6' - 0"	1' - 2"	(7) #5 EW TOP & BOTTOM	
F6C	6' - 0" x6' - 0"	1' - 2"	(6) #5 EW TOP & BOTTOM	FOOTING SIZE FOR BID PURPOSES ONLY. TO BE CONFIRMED AFTER REVIEW OF CANOPY SHOP DRAWNGS. CANOPY & FOUNDATIONS ARE PART OF ALTERNATE NO. 1A
F6x5A	5' - 0" x6' - 0"	1' - 2"	(7) #5 SW, (5) #5 LW TOP & BOTTOM	
F7	7' - 0" x7' - 0"	1' - 6"	(7) #6 EW BOTTOM	
F7.5	7' - 6" x7' - 6"	1' - 6"	(7) #6 EW BOTTOM	
F8	8' - 0" x8' - 0"	1' - 8"	(6) #7 EW BOTTOM	
F8.5	8' - 6" x8' - 6"	1' - 8"	(7) #7 EW BOTTOM	
F10	10' - 0" x10' - 0"	2' - 0"	(9) #7 EW BOTTOM	

NOTE WALL AND COLUMN FOOTINGS HAVE BEEN DESIGNED TO BE SUPPORTED ON IMPROVED SOIL SUPPORTED BY RAMMED AGGREGATE PIERS WITH A DESIGN BEARING CAPACITY OF 3,000 PSF.

FOUNDATION PLAN NOTES:

1. NUMBER IN PARENTHESIS DENOTES TOP OF FOOTING BELOW FIN. FLOOR ELEVATION = 0'-0".
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4. **WF#** DENOTES WALL FOOTING. SEE S-100A FOR SCHEDULE. INTERIOR NON-LOAD BEARING 8" CMU IS WF3 U.O.N.
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7. ⌐¬ DENOTES STEPPED FOOTING. SEE 12/S-301 FOR DETAIL. G.C. COORDINATE STEP LOCATION AND DEPTH W/ UTILITY CONTRACTOR PRIOR TO FOOTING EXCAVATION.
8. REFER TO ARCH'L DRAWINGS FOR INTERIOR WALL DIMENSIONS NOT SHOWN ON STRUCTURAL.
9. SEE DETAIL 5/S-301 FOR SLAB REINFORCING AT RE-ENTRANT CORNERS.
10. PROVIDE BOND BEAMS AT 9'-4" O.C. AND AT ALL BEARING ELEVATIONS IN LOAD BEARING WALLS AND AT TOP COURSE OF ALL WALLS. PROVIDE CORNER BARS IN BOND BEAMS AT WALL CORNERS AND INTERSECTIONS. LAP 2'-0".
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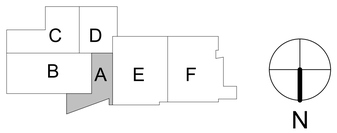

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601 Main Street, Bayboro, NC, 28515

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FOUNDATION PLAN AREA A

S-100A

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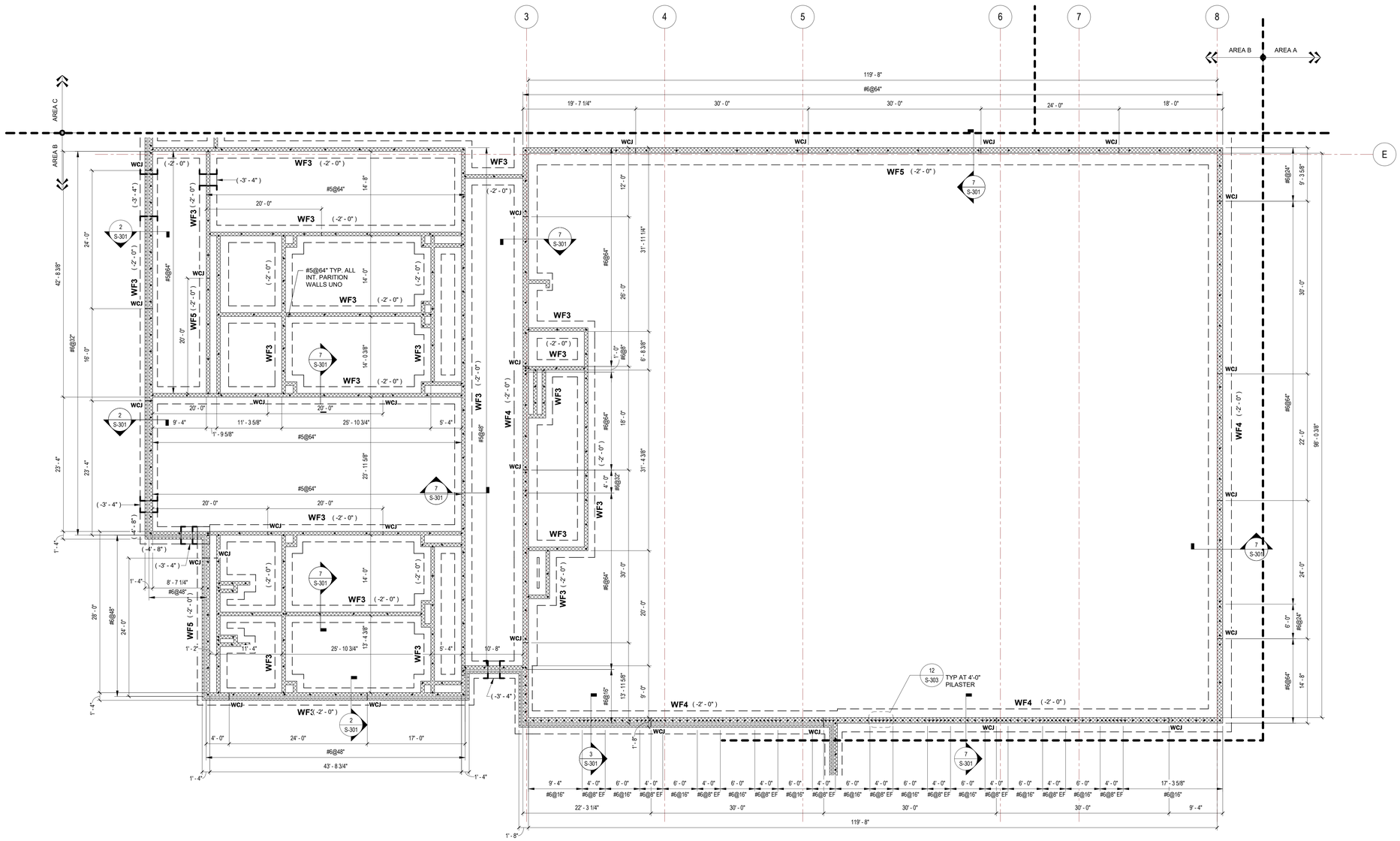

1 S-100B FOUNDATION PLAN - AREA B

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES:

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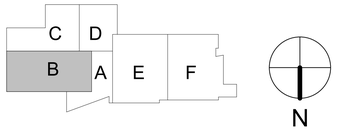

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FOUNDATION PLAN AREA B

S-100B

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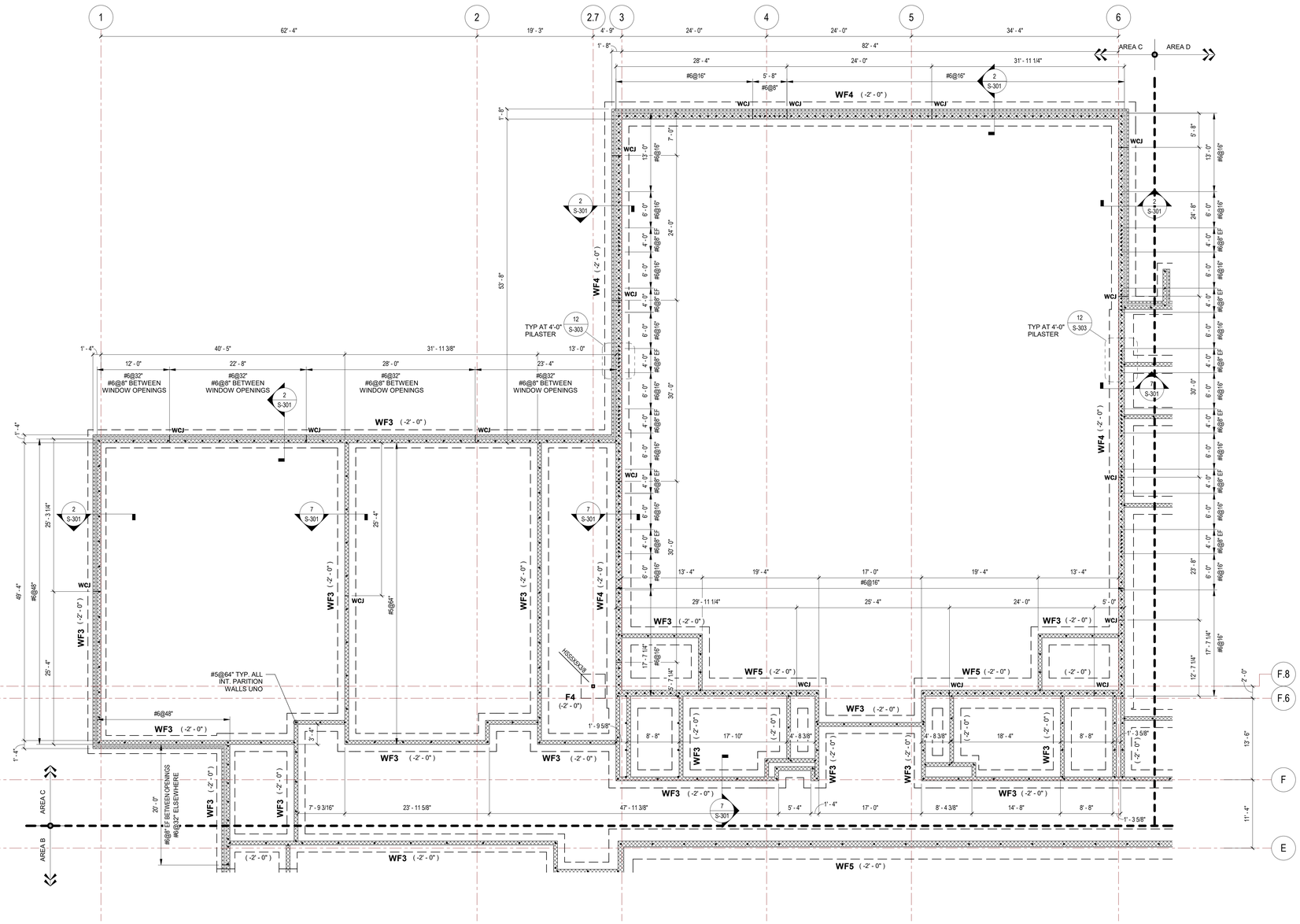

1 S-100C FOUNDATION PLAN - AREA C

SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES:

1. NUMBER IN PARENTHESIS DENOTES TOP OF FOOTING BELOW FIN. FLOOR ELEVATION = 0'-0".
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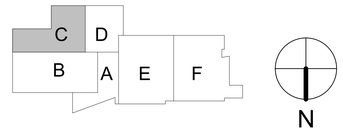

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FOUNDATION PLAN AREA C

S-100C

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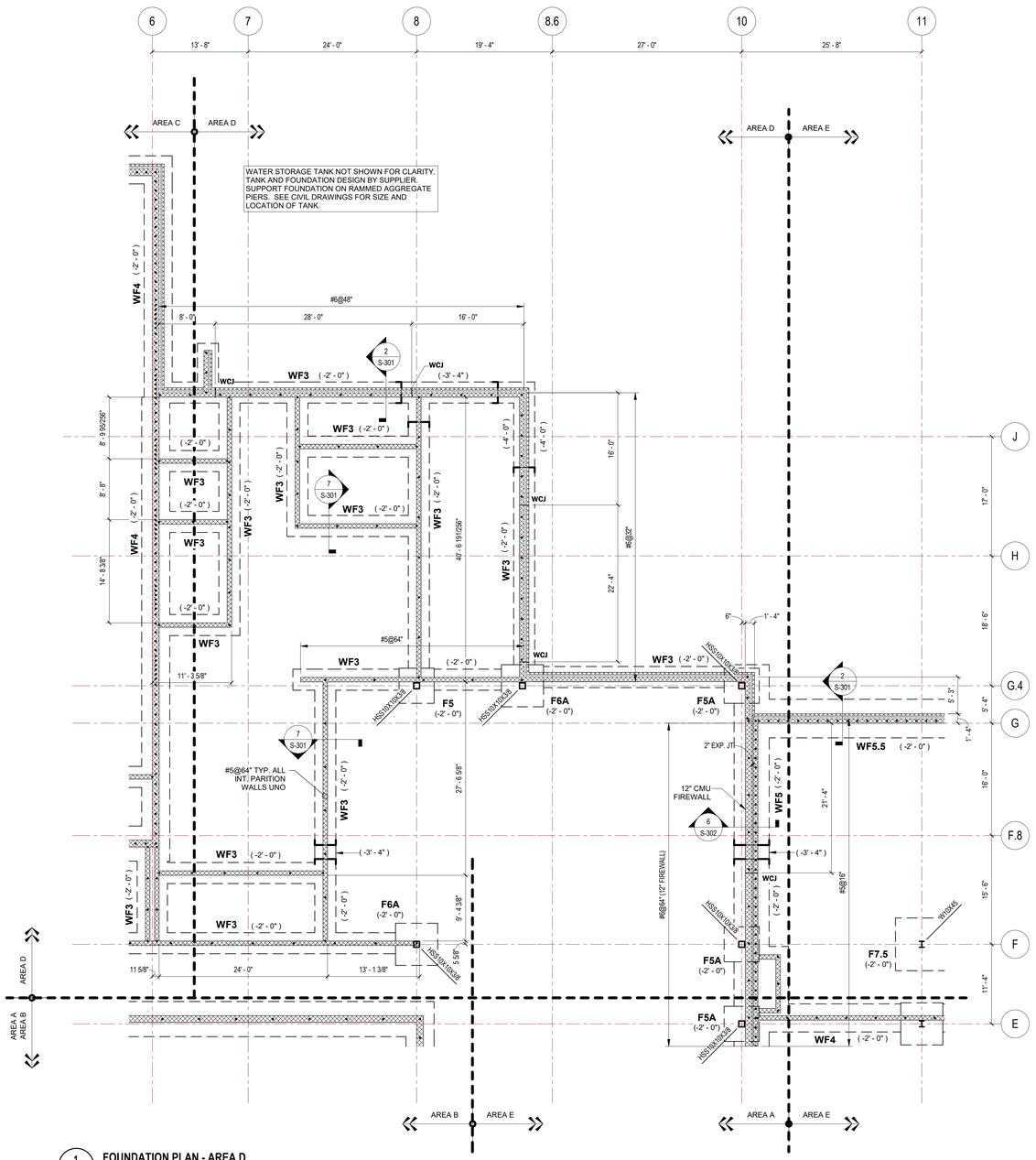

1 S-100D FOUNDATION PLAN - AREA D

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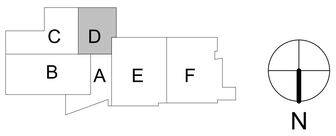
FOUNDATION PLAN AREA D

S-100D



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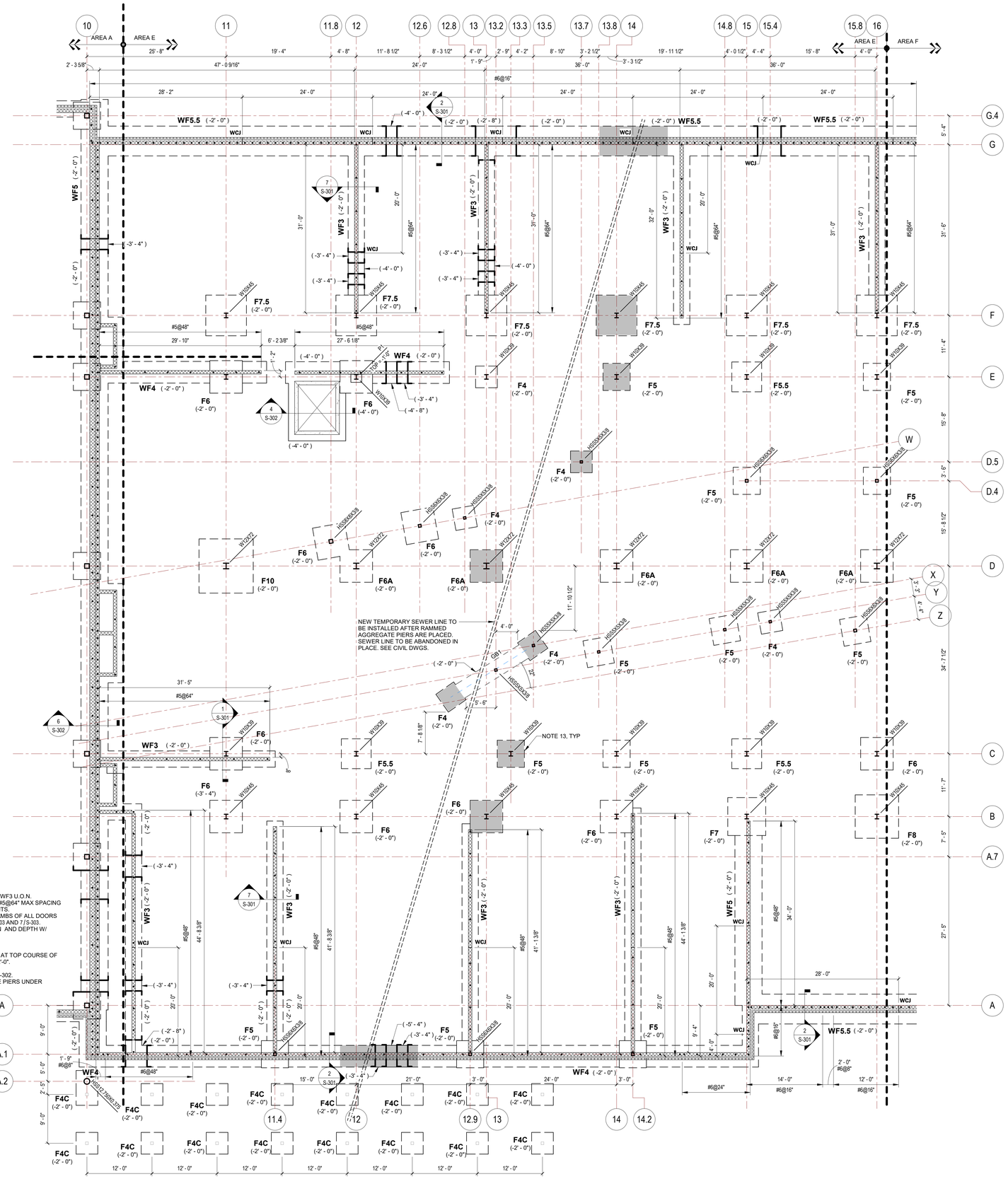

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1 S-100E **FOUNDATION PLAN - AREA E**

SCALE: 1/8" = 1'-0"

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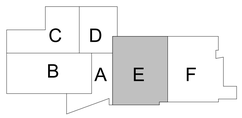
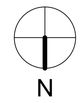
FOUNDATION PLAN AREA E

S-100E





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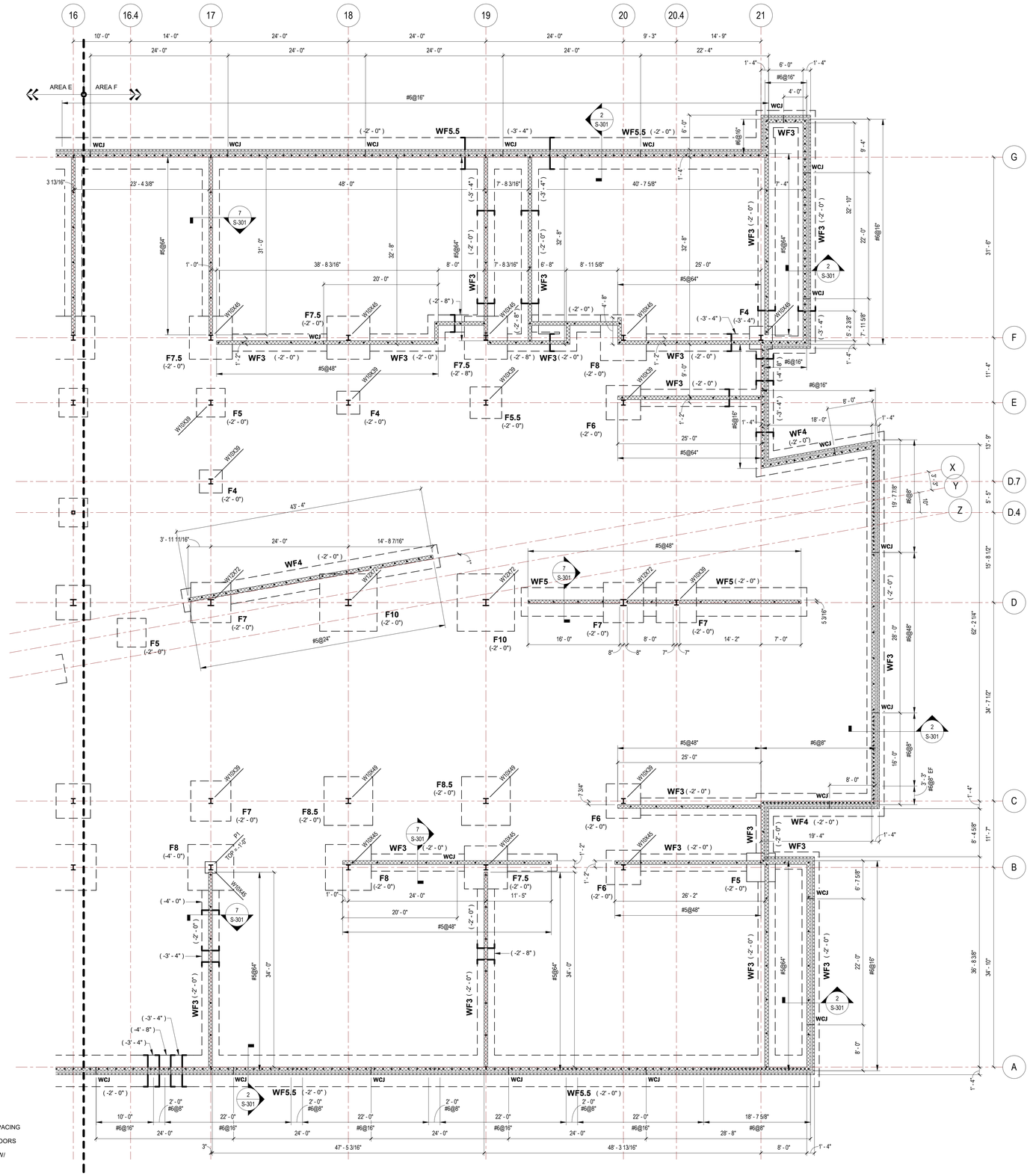

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3. **F#** DENOTES COLUMN FOOTING. SEE S-100A FOR SCHEDULE.
4. **WF#** DENOTES WALL FOOTING. SEE S-100A FOR SCHEDULE. INTERIOR NON-LOAD BEARING 8" CMU IS WF3 U.O.N.
5. SEE PLAN FOR CMU WALL REINFORCING. FOR WALLS WHERE SPACING IS NOT IDENTIFIED, PROVIDE #5@64" MAX SPACING VERT. IN ALL 8" CMU PARTITION WALLS. SEE S-303 FOR ADDITIONAL CMU REINFORCING REQUIREMENTS.
6. IN ADDITION TO REINFORCING SHOWN ON THE DRAWINGS, PROVIDE ADDITIONAL REINFORCING IN JAMBS OF ALL DOORS AND WINDOWS AND EA. SIDE OF EXPANSION JOINTS AND CONTROL JOINTS. REFER TO DETAILS 5 / S-303 AND 7 / S-303.
7. ⌐ ¬ DENOTES STEPPED FOOTING. SEE 12 / S-301 FOR DETAIL. G.C. COORDINATE STEP LOCATION AND DEPTH W/ UTILITY CONTRACTOR PRIOR TO FOOTING EXCAVATION.
8. REFER TO ARCH'L DRAWINGS FOR INTERIOR WALL DIMENSIONS NOT SHOWN ON STRUCTURAL.
9. SEE DETAIL 9 / S-301 FOR SLAB REINFORCING AT RE-ENTRANT CORNERS.
10. PROVIDE BOND BEAMS AT 9'-4" O.C. AND AT ALL BEARING ELEVATIONS IN LOAD BEARING WALLS AND AT TOP COURSE OF ALL WALLS. PROVIDE CORNER BARS IN BOND BEAMS AT WALL CORNERS AND INTERSECTIONS. LAP 2'-0".
11. VERIFY ELEVATOR PIT DIMENSIONS W/ ELEVATOR SUPPLIER PRIOR TO EXCAVATION.
12. **P1** DENOTES 24"x24" CONCRETE PIER REINF W/ 8-#8 VERT AND #4 TIES AT 6". REFER TO 8 AND 9 ON S-302.
13. LIGHT GREY HATCHING OF COLUMN FOOTINGS DENOTES LOCATIONS OF GROUT-FILLED AGGREGATE PIERS UNDER COLUMN FOOTINGS.
14. GB1 DENOTES 36"x14" CONCRETE GRADE BEAM. SEE DETAIL 17 / S-301.

1 / S-100F **FOUNDATION PLAN - AREA F**

SCALE: 1/8" = 1'-0"

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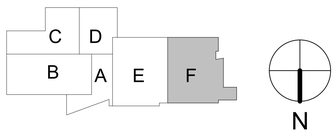
FOUNDATION PLAN AREA F

S-100F



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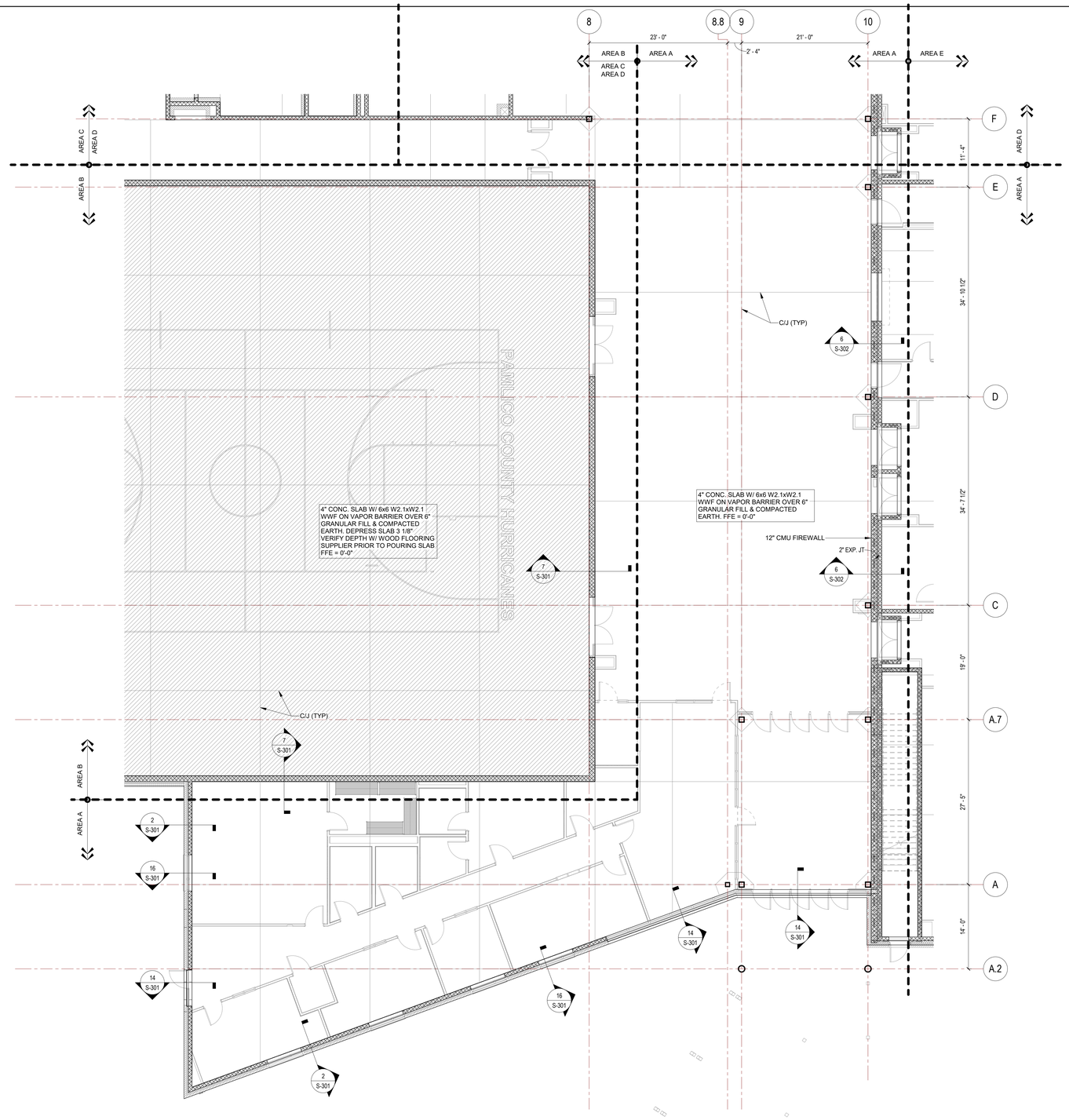
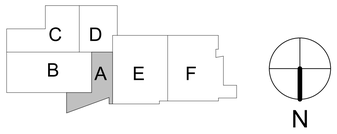


1 / S-101A **FIRST FLOOR - SLAB PLAN AREA A**

SCALE: 1/8" = 1'-0"

SLAB PLAN NOTES:

1. FIN. FLOOR ELEVATION = 0'-0" CORRESPONDS TO ELEVATION 13.80'.
2. C/J DENOTES SLAB CONTROL/CONSTRUCTION JOINT. SEE 11/S-301.
3. SEE S-200 AND S-201 FOR COLUMN SCHEDULE AND TYPICAL DETAILS.
4. SEE S-303 FOR CMU WALL REINFORCING REQUIREMENTS.
5. IN ADDITION TO REINFORCING SHOWN ON THE DRAWINGS, PROVIDE #6 VERT. BAR IN JAMBS OF ALL DOORS AND WINDOWS. PROVIDE #6 VERT. BAR EA. SIDE OF EXPANSION JOINTS AND CONTROL JOINTS. SEE ARCH'L FOR JOINT LOCATIONS. SEE DETAIL 5/S-303 & 6/S-303 .
6. REFER TO ARCH'L DRAWINGS FOR INTERIOR WALL DIMENSIONS NOT SHOWN ON STRUCTURAL.
7. SEE DETAIL 9/S-301 FOR SLAB REINFORCING AT RE-ENTRANT CORNERS.
8. PROVIDE BOND BEAMS AT 9'-4" O.C. AND AT ALL BEARING ELEVATIONS IN LOAD BEARING WALLS AND AT TOP COURSE OF ALL WALLS. PROVIDE CORNER BARS IN BOND BEAMS AT WALL CORNERS AND INTERSECTIONS. LAP 2'-0".
9. PROVIDE #5@48" VERTICAL REINFORCING IN ALL NON-LOAD BEARING WALLS U.O.N.
10. SEE DETAIL 8/S-303 FOR TYPICAL CMU WALL PENETRATION DETAILS.
11. PROVIDE INTERLOCKING CELLS AT CMU WALL CORNERS AND 1-#6 VERT.



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SLAB-ON-GRADE PLAN AREA A

S-101A

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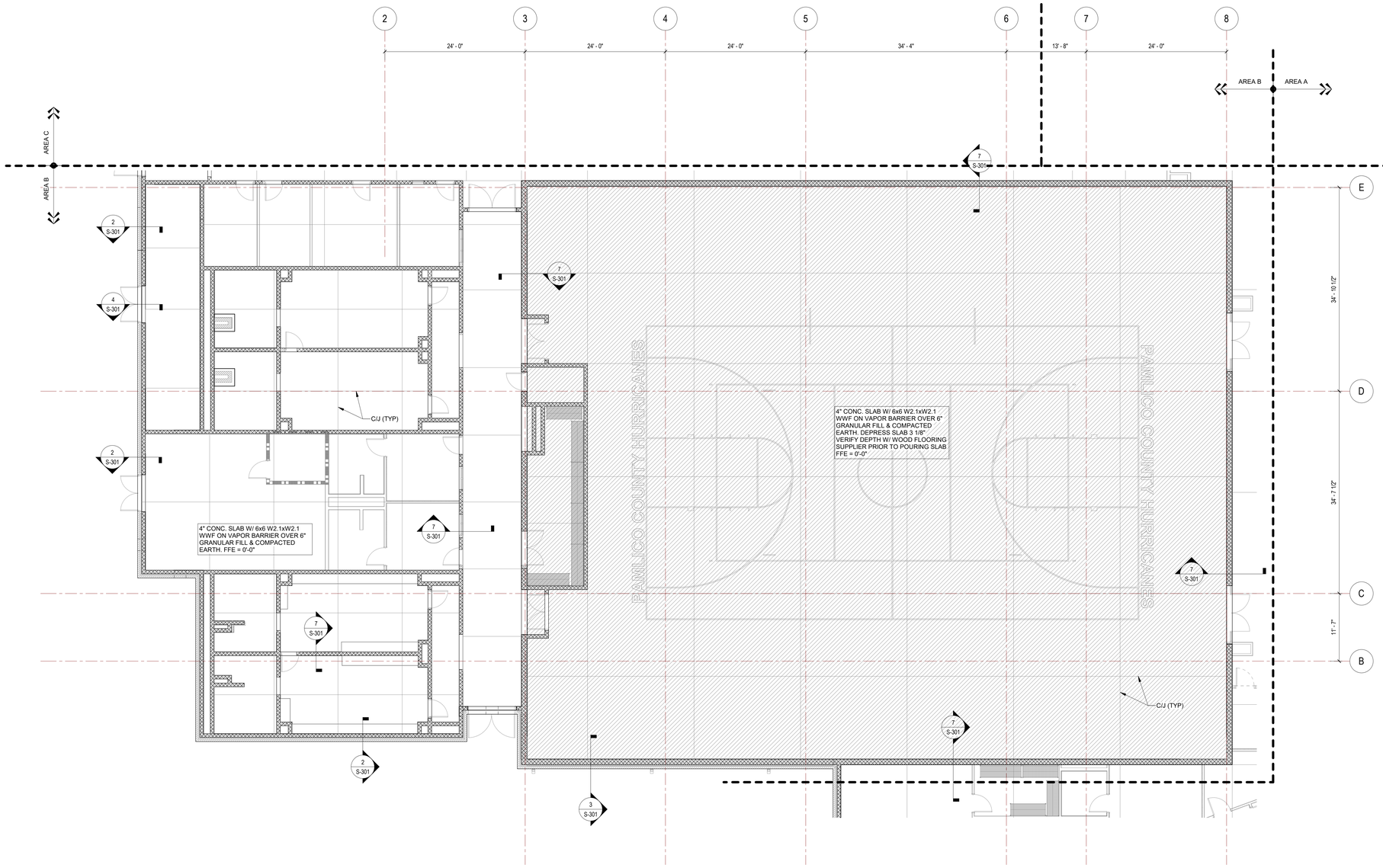

1 S-101B FIRST FLOOR - SLAB PLAN AREA B

SCALE: 1/8" = 1'-0"

SLAB PLAN NOTES:

1. FIN. FLOOR ELEVATION = 0'-0" CORRESPONDS TO ELEVATION 13.80'.
2. C/J DENOTES SLAB CONTROL/CONSTRUCTION JOINT. SEE 11/S-301.
3. SEE S-200 AND S-201 FOR COLUMN SCHEDULE AND TYPICAL DETAILS.
4. SEE S-303 FOR CMU WALL REINFORCING REQUIREMENTS.
5. IN ADDITION TO REINFORCING SHOWN ON THE DRAWINGS, PROVIDE #6 VERT. BAR IN JAMBS OF ALL DOORS AND WINDOWS. PROVIDE #6 VERT. BAR EA. SIDE OF EXPANSION JOINTS AND CONTROL JOINTS. SEE ARCH'L FOR JOINT LOCATIONS. SEE DETAIL 5/S-303 & 6/S-303 .
6. REFER TO ARCH'L DRAWINGS FOR INTERIOR WALL DIMENSIONS NOT SHOWN ON STRUCTURAL.
7. SEE DETAIL 9/S-301 FOR SLAB REINFORCING AT RE-ENTRANT CORNERS.
8. PROVIDE BOND BEAMS AT 9'-4" O.C. AND AT ALL BEARING ELEVATIONS IN LOAD BEARING WALLS AND AT TOP COURSE OF ALL WALLS. PROVIDE CORNER BARS IN BOND BEAMS AT WALL CORNERS AND INTERSECTIONS. LAP 2'-0".
9. PROVIDE #5@48" VERTICAL REINFORCING IN ALL NON-LOAD BEARING WALLS U.O.N.
10. SEE DETAIL 6/S-303 FOR TYPICAL CMU WALL PENETRATION DETAILS.
11. PROVIDE INTERLOCKING CELLS AT CMU WALL CORNERS AND 1-#6 VERT.

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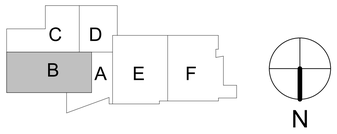
SLAB-ON-GRADE PLAN AREA B

S-101B



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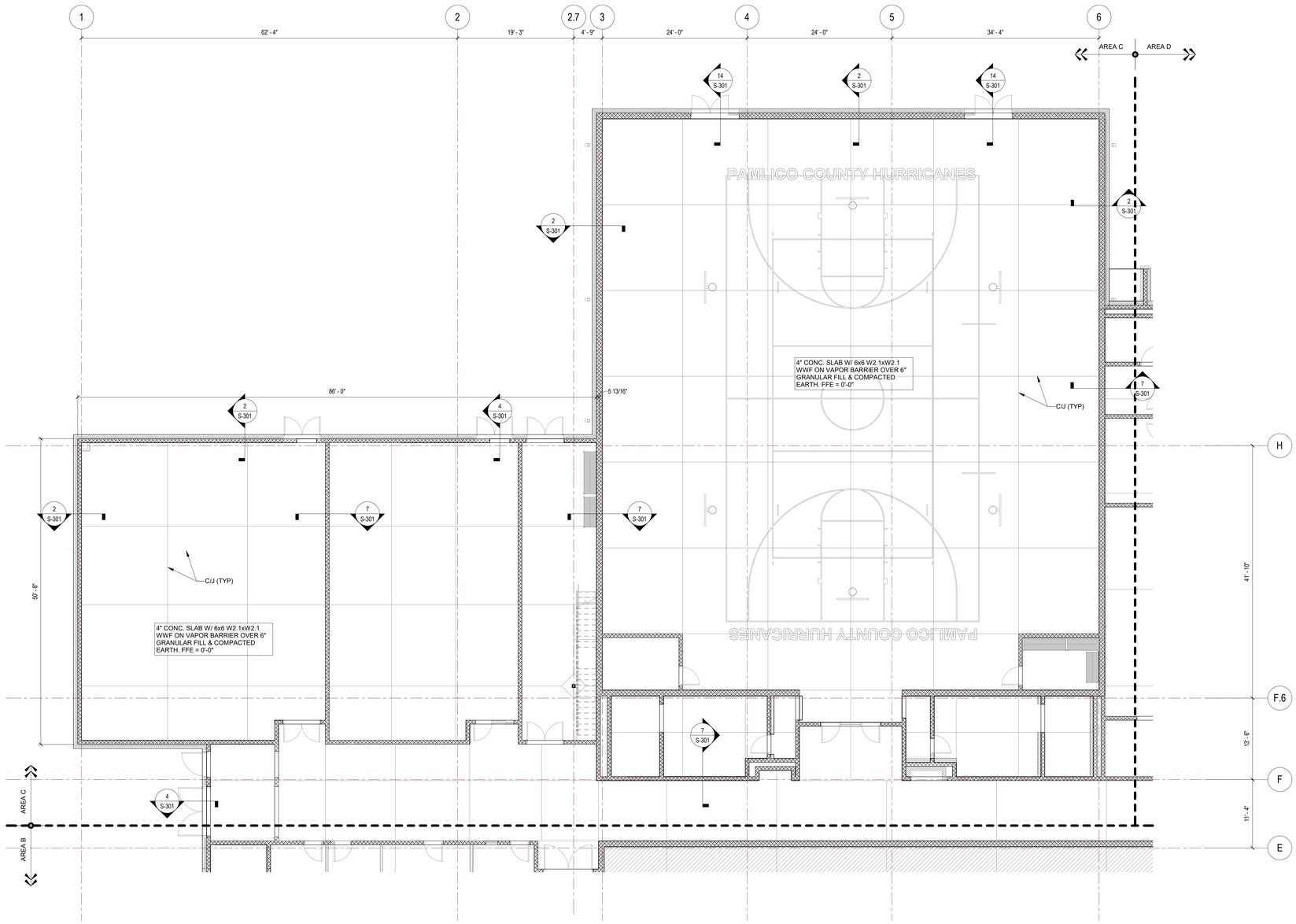

1 S-101C **FIRST FLOOR - SLAB PLAN AREA C**

SCALE: 1/8" = 1'-0"

SLAB PLAN NOTES:

1. FIN. FLOOR ELEVATION = 0'-0" CORRESPONDS TO ELEVATION 13.80'.
2. C/J DENOTES SLAB CONTROL/CONSTRUCTION JOINT. SEE 11/S-301.
3. SEE S-200 AND S-201 FOR COLUMN SCHEDULE AND TYPICAL DETAILS.
4. SEE S-303 FOR CMU WALL REINFORCING REQUIREMENTS.
5. IN ADDITION TO REINFORCING SHOWN ON THE DRAWINGS, PROVIDE #6 VERT. BAR IN JAMBS OF ALL DOORS AND WINDOWS. PROVIDE #6 VERT. BAR EA. SIDE OF EXPANSION JOINTS AND CONTROL JOINTS. SEE ARCH'L FOR JOINT LOCATIONS. SEE DETAIL 5/S-303 & 6/S-303 .
6. REFER TO ARCH'L DRAWINGS FOR INTERIOR WALL DIMENSIONS NOT SHOWN ON STRUCTURAL
7. SEE DETAIL 9/S-301 FOR SLAB REINFORCING AT RE-ENTRANT CORNERS.
8. PROVIDE BOND BEAMS AT 9'-4" O.C. AND AT ALL BEARING ELEVATIONS IN LOAD BEARING WALLS AND AT TOP COURSE OF ALL WALLS. PROVIDE CORNER BARS IN BOND BEAMS AT WALL CORNERS AND INTERSECTIONS. LAP 2'-0".
9. PROVIDE #5@48" VERTICAL REINFORCING IN ALL NON-LOAD BEARING WALLS U.O.N.
10. SEE DETAIL 6/S-303 FOR TYPICAL CMU WALL PENETRATION DETAILS.
11. PROVIDE INTERLOCKING CELLS AT CMU WALL CORNERS AND 1-#6 VERT.

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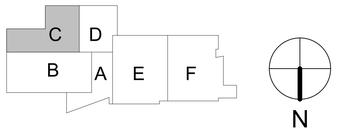
SLAB-ON-GRADE PLAN AREA C



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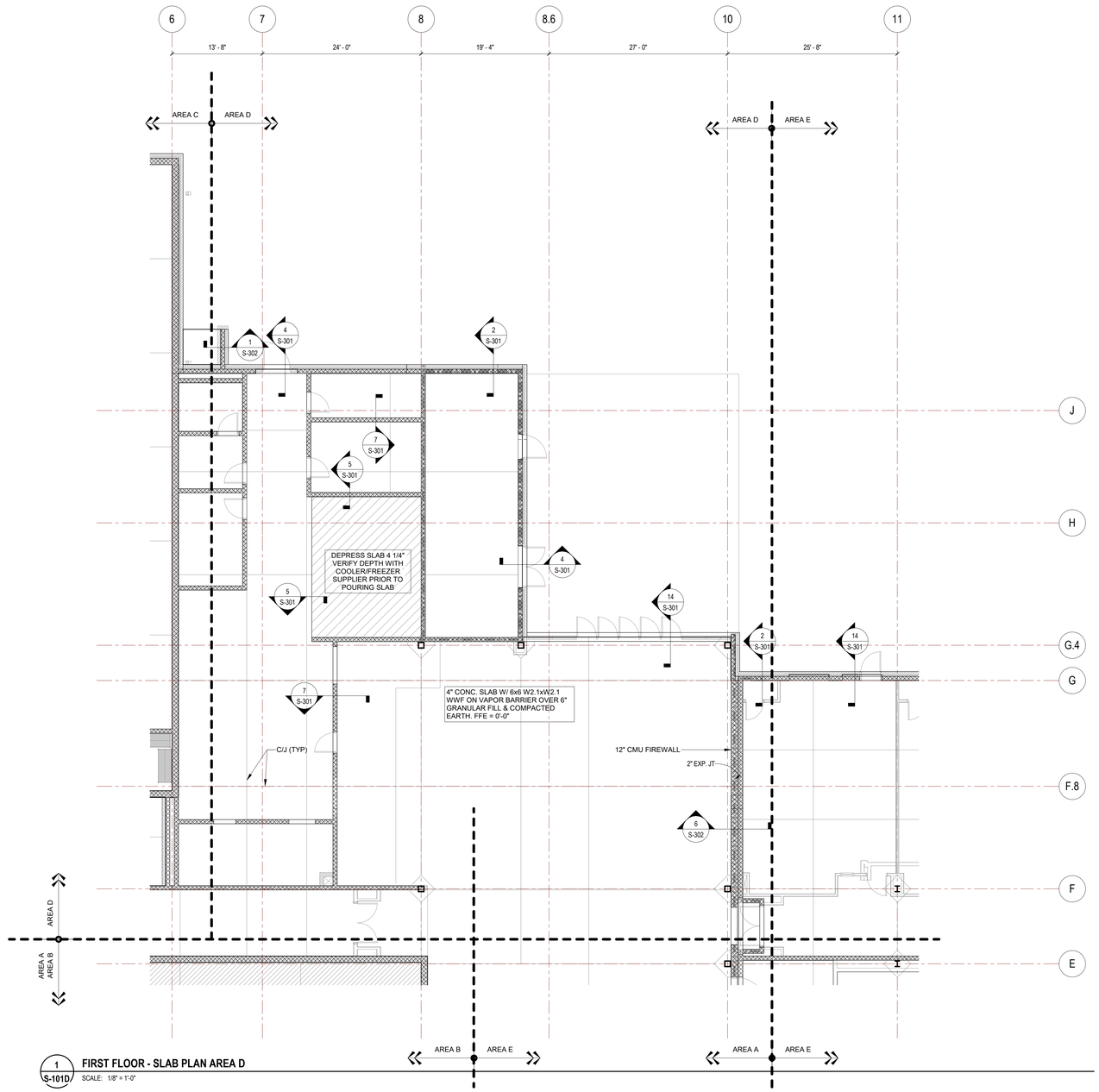

1 S-101D **FIRST FLOOR - SLAB PLAN AREA D**

SCALE: 1/8" = 1'-0"

SLAB PLAN NOTES:

1. FIN. FLOOR ELEVATION = 0'-0" CORRESPONDS TO ELEVATION 13.80'.
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7. SEE DETAIL 9/S-301 FOR SLAB REINFORCING AT RE-ENTRANT CORNERS.
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9. PROVIDE #5@48" VERTICAL REINFORCING IN ALL NON-LOAD BEARING WALLS U.O.N.
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SLAB-ON-GRADE PLAN AREA D

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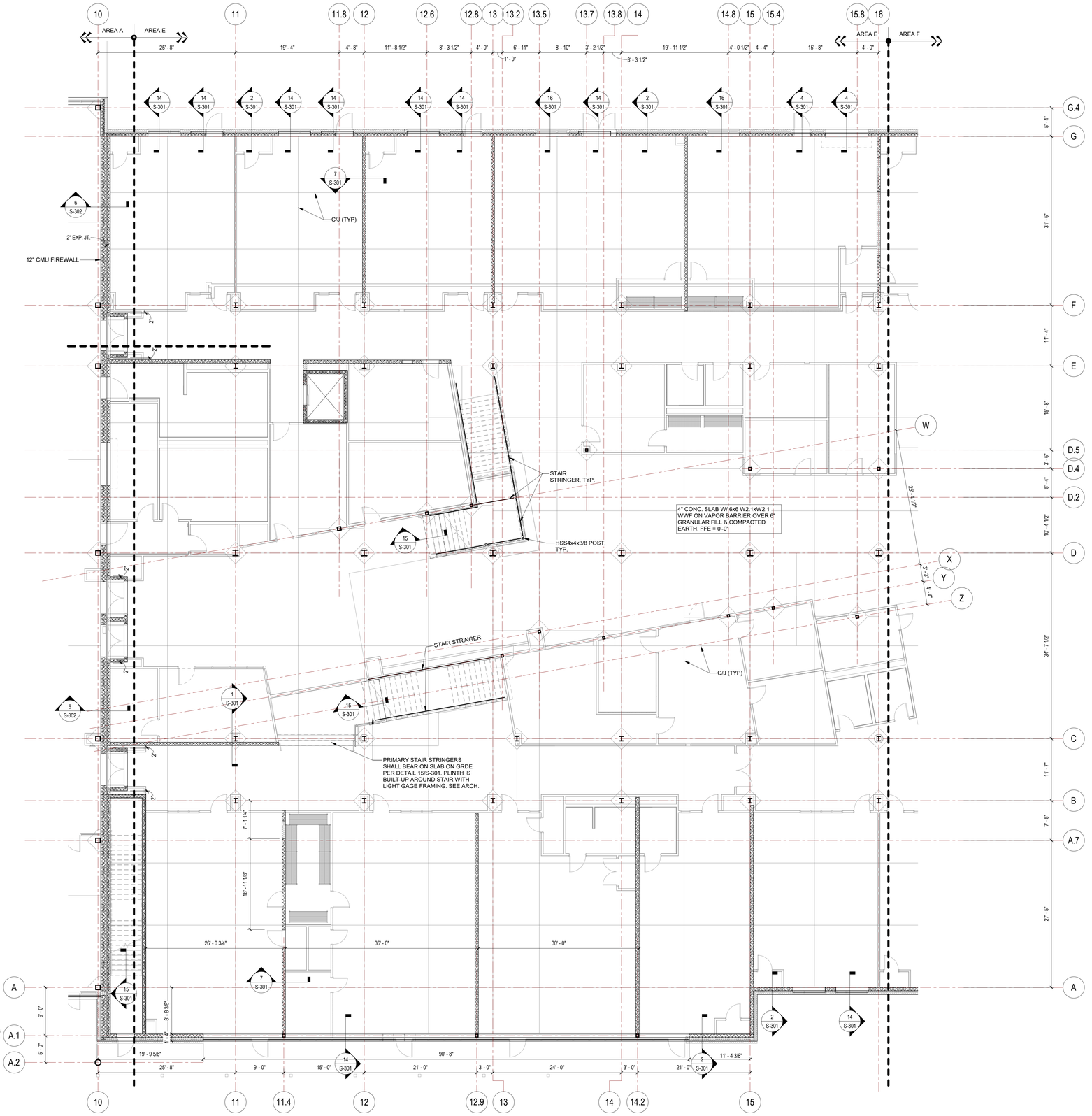

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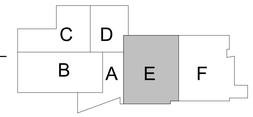
1 / S-101E **FIRST FLOOR - SLAB PLAN AREA E**

SCALE: 1/8" = 1'-0"



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SLAB-ON-GRADE PLAN AREA E

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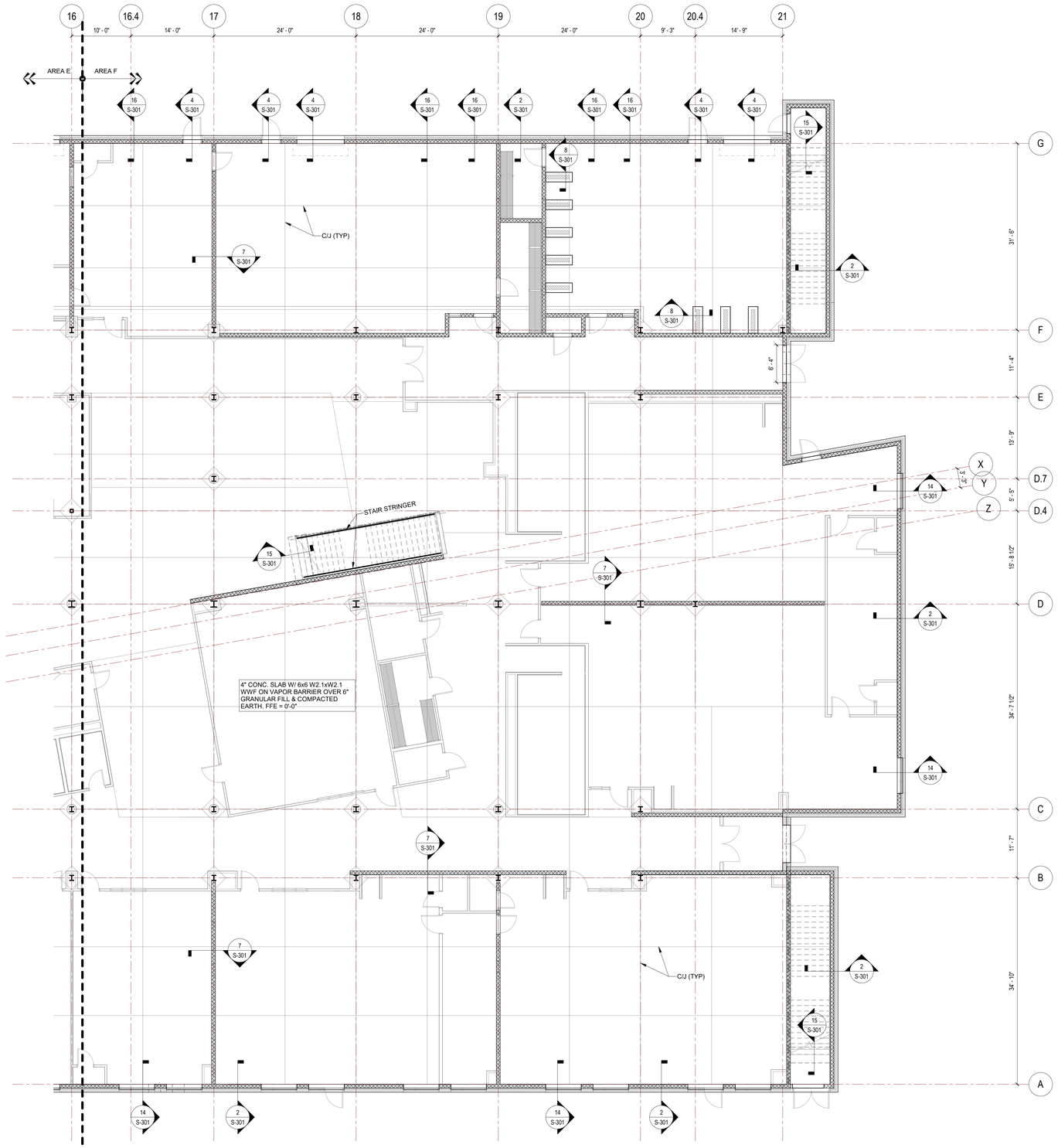

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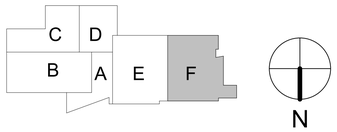
1 / S-101F **FIRST FLOOR - SLAB PLAN AREA F**

SCALE: 1/8" = 1'-0"



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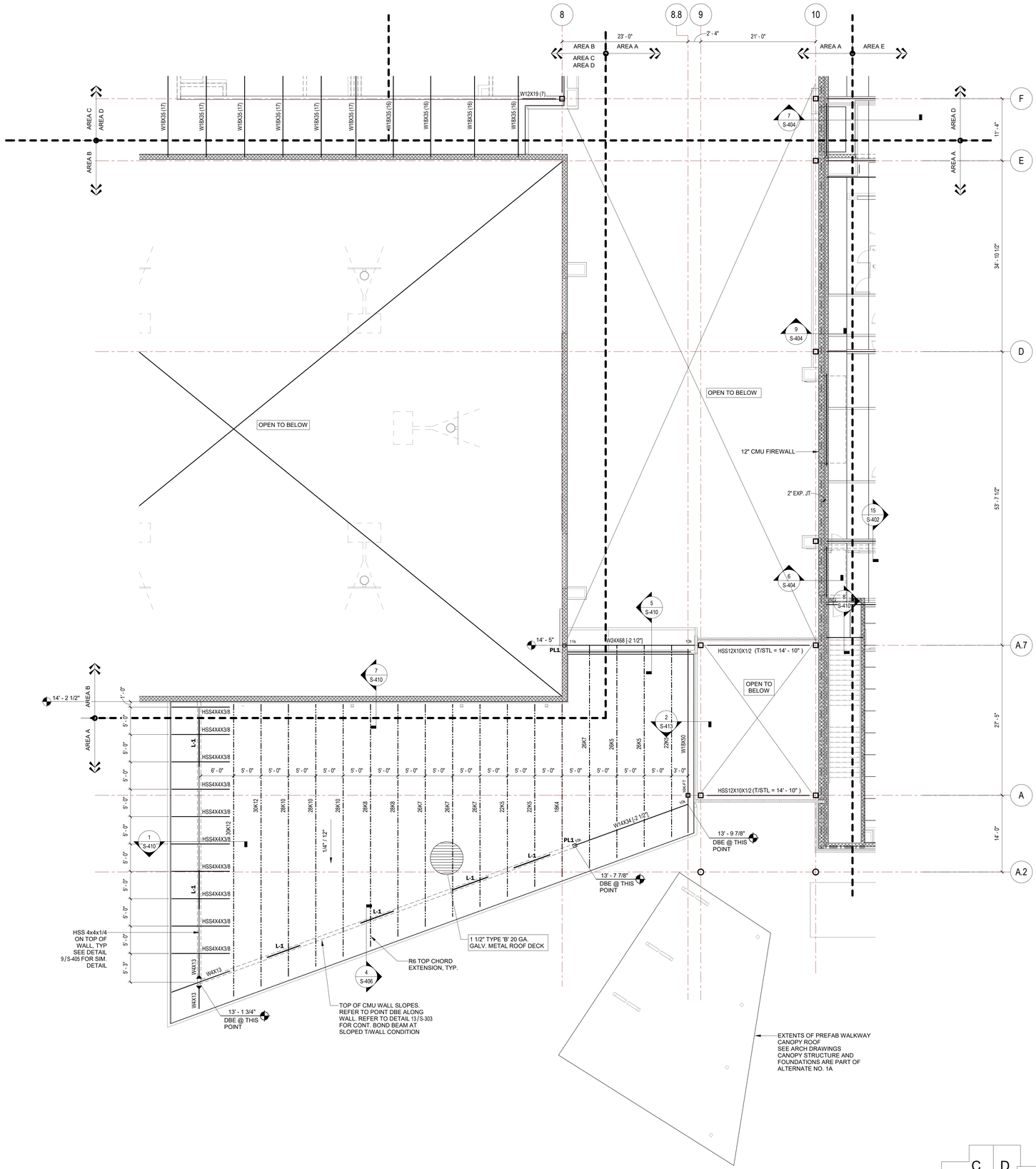

1 S-102A **LOW ROOF FRAMING PLAN - AREA A**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ▼ DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. **L#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶ INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
17. REFER TO MEP DRAWINGS FOR LOCATIONS OF DESTRATIFICATION FANS. REFER TO DETAIL 10/S-405 FOR SUPPLEMENTAL STEEL SUPPORT FOR FANS. GC TO COORDINATE FINAL FAN SIZE AND LOCATIONS WITH MECHANCIAL CONTRACTOR AND STEEL FABRICATOR.

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
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ISSUE DATE: 06/12/2024

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LOW ROOF FRAMING PLAN AREA A

S-102A

C D B A E F N

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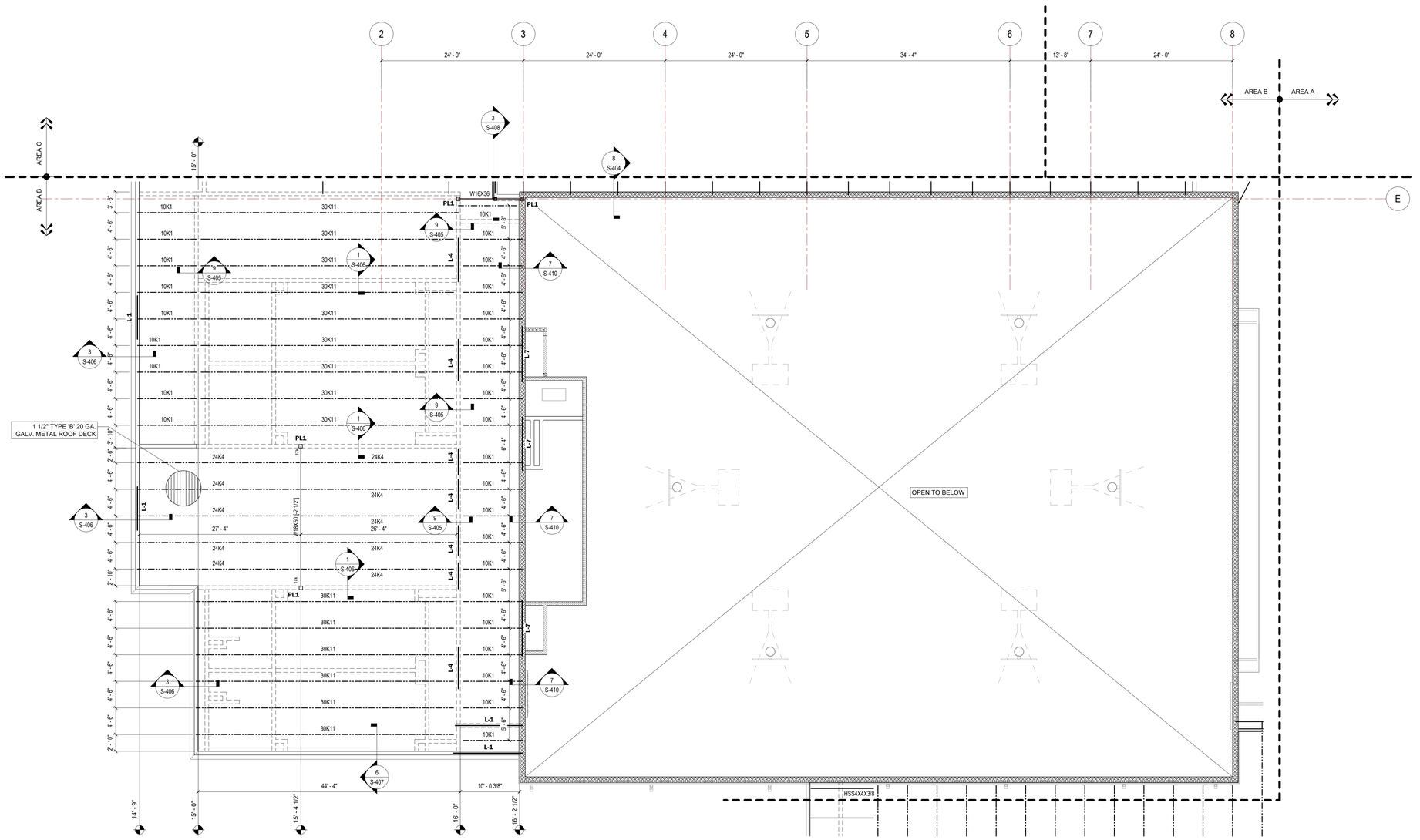
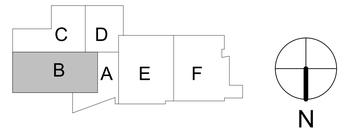


1 / S-102B LOW ROOF FRAMING PLAN - AREA B

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ◆ DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8 / S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶—— INDICATES MOMENT CONNECTION. SEE DETAIL 5 / S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10 / S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2 / S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
17. REFER TO MEP DRAWINGS FOR LOCATIONS OF DESTRATIFICATION FANS. REFER TO DETAIL 10 / S-405 FOR SUPPLEMENTAL STEEL SUPPORT FOR FANS. GC TO COORDINATE FINAL FAN SIZE AND LOCATIONS WITH MECHANCIAL CONTRACTOR AND STEEL FABRICATOR.



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LOW ROOF FRAMING PLAN AREA B

S-102B

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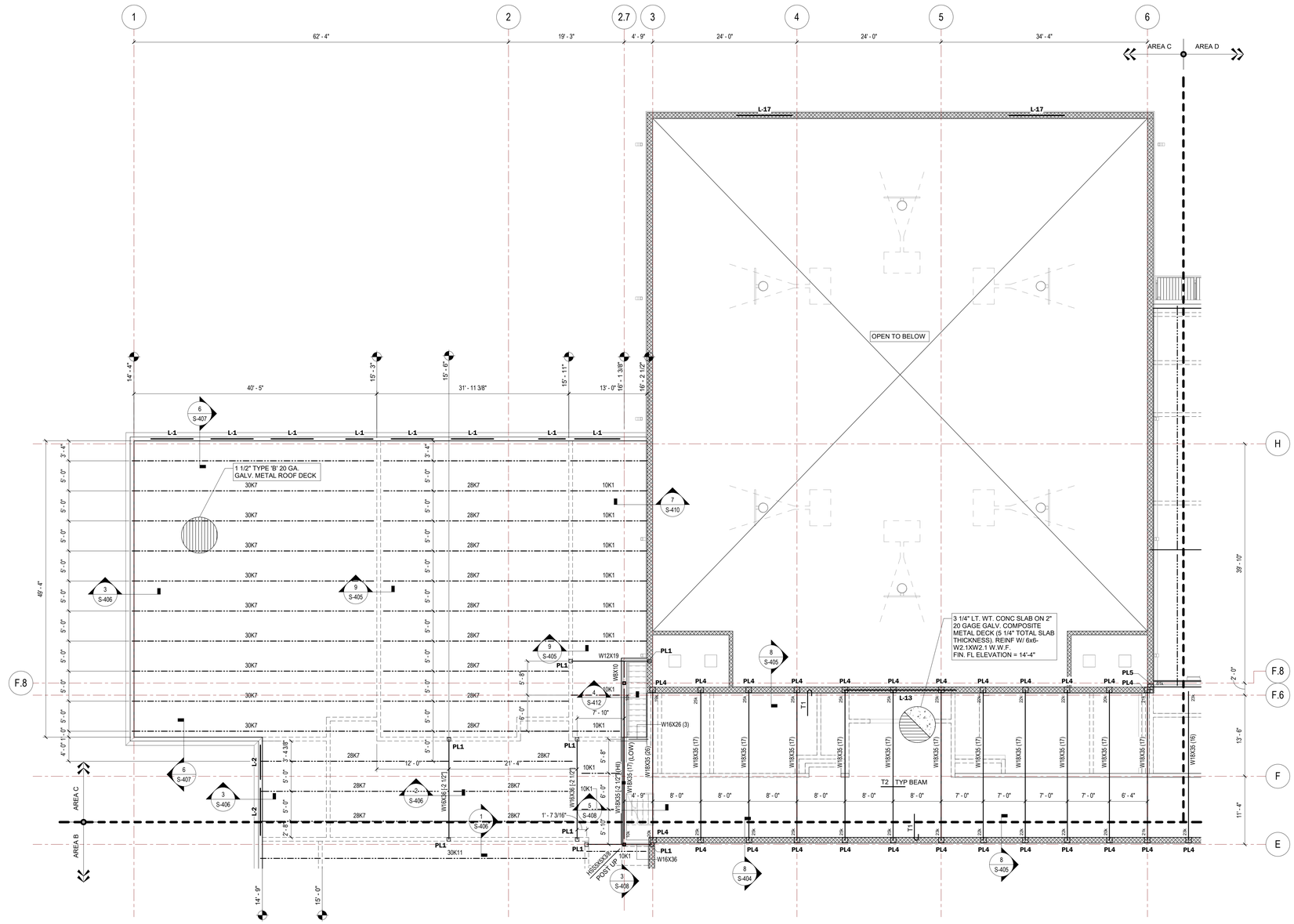

1 S-102C **SECOND FLOOR & LOW ROOF FRAMING PLAN - AREA C**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ▲ 14'-4" DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 6/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶——— INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
17. REFER TO MEP DRAWINGS FOR LOCATIONS OF DESTRATIFICATION FANS. REFER TO DETAIL 10/S-405 FOR SUPPLEMENTAL STEEL SUPPORT FOR FANS. GC TO COORDINATE FINAL FAN SIZE AND LOCATIONS WITH MECHANCIAL CONTRACTOR AND STEEL FABRICATOR.

FLOOR FRAMING NOTES:

1. TOP OF STEEL ELEVATION = 5 1/4" BELOW FIN. FLOOR ELEV. U.O.N. SEE PLAN FOR FINISHED FLOOR ELEVATION.
2. ALL ELEVATIONS REFERENCED FROM 0'-0" U.O.N.
3. NUMBERS IN PARENTHESIS DENOTES QUANITTY OF 3/4"Ø x 4" STUDS EQUALLY SPACED ON BEAM. SEE 3/S-405 FOR COMPOSITE BEAM LEGEND.
4. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DEISGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
5. ▶——— INDICATES MOMENT CONNECTION. SEE DETAIL. FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR HE FULL MOMENT CAPACITY OF THE BEAM.
6. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
7. **T-#** DENOTES SLAB TOP BARS. SEE DETAIL 10/S-402 & 11/S-402.
8. **PL #** DENOTES BEAM BEARING PL. SEE SCHEDULE AND DETAILS.
9. FLOOR FRAMING AND COMPOSITE FLOOR DECK ARE DESIGNED TO REMAIN UNSHORED DURING CONRETE PLACEMENT. ACCOUNT FOR AN EXPECTED DEFLECTION IN BEAMS AND GIRDERS OF UP TO 1/360 OF THE SPAN LENGTH (IN INCHES) OR 1", WHICHEVER IS LESS WHEN CALCULATING CONCRETE QUANTITIES. FINISH SUPPORTED SLABS FLAT AND LEVEL.
10. CONSTRUCTION JOINTS IN ELEVATED CONCRETE ON METAL DECK POURS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION. SEE DETAIL 8/S-402 .
11. FRAMED FLOOR OPENINGS COORD. LOCATION W/ MECH'L CONTRACTOR. SEE DETAIL 7/S-405 .

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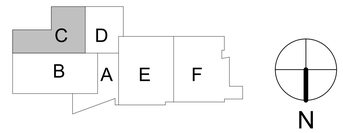

SECOND FLOOR & LOW ROOF FRAMING PLAN AREA C

S-102C

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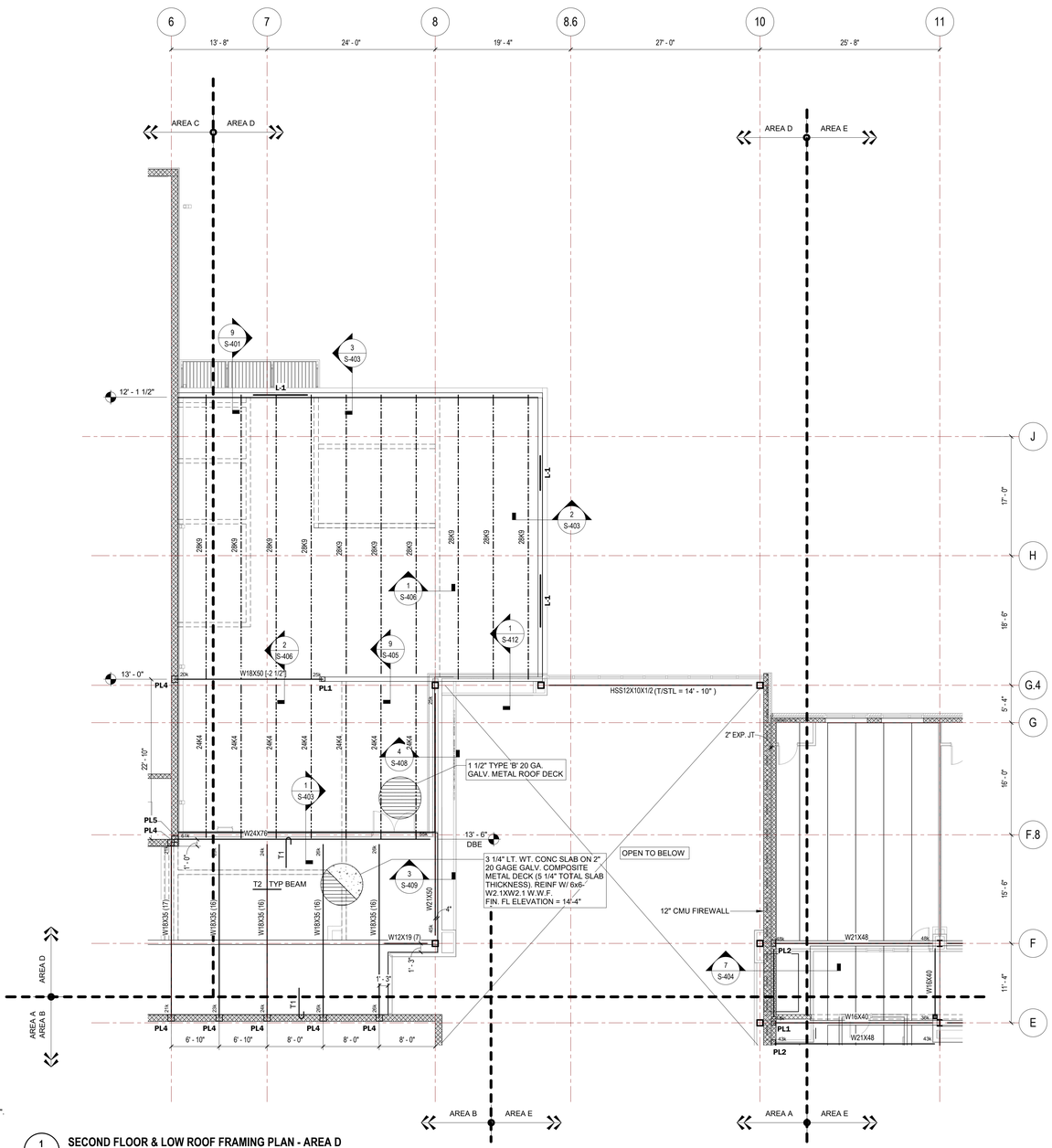

1 S-102D **SECOND FLOOR & LOW ROOF FRAMING PLAN - AREA D**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ▼ DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶—— INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
17. REFER TO MEP DRAWINGS FOR LOCATIONS OF DESTRATIFICATION FANS. REFER TO DETAIL 10/S-405 FOR SUPPLEMENTAL STEEL SUPPORT FOR FANS. GC TO COORDINATE FINAL FAN SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR AND STEEL FABRICATOR.

FLOOR FRAMING NOTES:

1. TOP OF 2" TOPPING SLAB ELEVATION = 14'-4". TOPPING SLAB SHALL BE REINFORCED WITH 6x6 W1.4xW1.4 W.W.F.
2. BOTTOM OF HOLLOW CORE PLANKS ELEVATION = 13'-4". TOP OF STEEL SHALL BE AT BOTTOM OF HOLLOW CORE PLANKS, U.O.N.
3. ▶—— INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
4. ▼ DENOTES TOP OF DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION = 0'-0" U.O.N.
5. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
6. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DEISGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
7. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401.
8. SEE DETAIL 6/S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO BOTTOM OF HOLLOW CORE. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. SEE DETAIL 5/S-401. COORDINATE WITH ARCH'L THE WALLS EXTENDING TO THE DECK.
9. HOLLOW CORE PENETRATION. REFER TO MECHANICAL DRAWINGS FOR OPENING SIZE AND FINAL LOCATIONS. HOLLOW CORE SUPPLIER SHALL DESIGN HOLLOW CORE PLANKS ACCOUNTING FOR OPENINGS DENOTED ON PLANS.
10. ELEC. TRANSFORMER HUNG FROM UNDERSIDE OF HOLLOW CORE PLANKS ON UNISTRUT FRAME. REFER TO ELEC DWGS FOR FINAL EQUIPMENT LOCATION. HOLLOW CORE PLANKS SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF THE EQUIPMENT AND FRAME. COORD. W/ EQUIPMENT SUPPLIER FOR FINAL EQUIPMENT DIMENSIONS AND WEIGHT.

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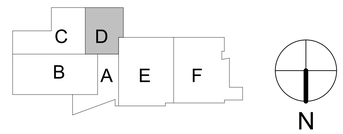

SECOND FLOOR & LOW ROOF FRAMING PLAN AREA D

S-102D

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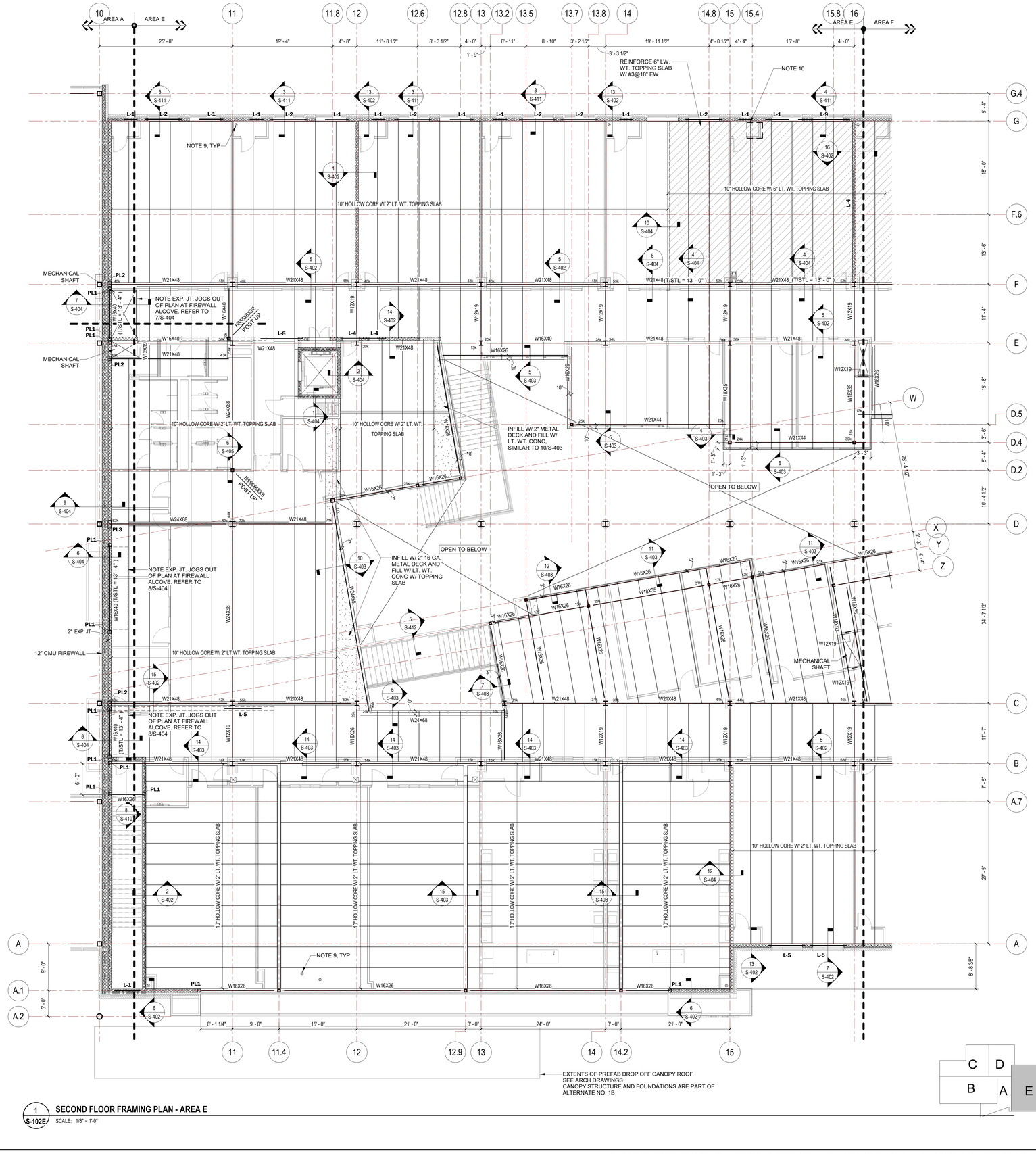

1 S-102E **SECOND FLOOR FRAMING PLAN - AREA E**

SCALE: 1/8" = 1'-0"

FLOOR FRAMING NOTES:

1. TOP OF 2" TOPPING SLAB ELEVATION = 14'-4", TOPPING SLAB SHALL BE REINFORCED WITH 6x6 W1.4xW1.4 W.W.F.
2. BOTTOM OF HOLLOW CORE PLANKS ELEVATION = 13'-4". TOP OF STEEL SHALL BE AT BOTTOM OF HOLLOW CORE PLANKS, U.O.N.
3. ——▸—— INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405. FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
4. ——▾—— DENOTES TOP OF DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION = 0'-0" U.O.N.
5. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
6. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DEISGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
7. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401.
8. SEE DETAIL 6/S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO BOTTOM OF HOLLOW CORE. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. SEE DETAIL 5/S-401. COORDINATE WITH ARCH'L THE WALLS EXTENDING TO THE DECK.
9. HOLLOW CORE PENETRATION. REFER TO MECHANICAL DRAWINGS FOR OPENING SIZE AND FINAL LOCATIONS. HOLLOW CORE SUPPLIER SHALL DESIGN HOLLOW CORE PLANKS ACCOUNTING FOR OPENINGS DENOTED ON PLANS.
10. ELEC. TRANSFORMER HUNG FROM UNDERSIDE OF HOLLOW CORE PLANKS ON UNISTRUT FRAME. REFER TO ELEC DWGS FOR FINAL EQUIPMENT LOCATION. HOLLOW CORE PLANKS SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF THE EQUIPMENT AND FRAME. COORD. W/ EQUIPMENT SUPPLIER FOR FINAL EQUIPMENT DIMENSIONS AND WEIGHT.

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ENERGY STAR PARTNER

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SECOND FLOOR FRAMING PLAN AREA E

S-102E

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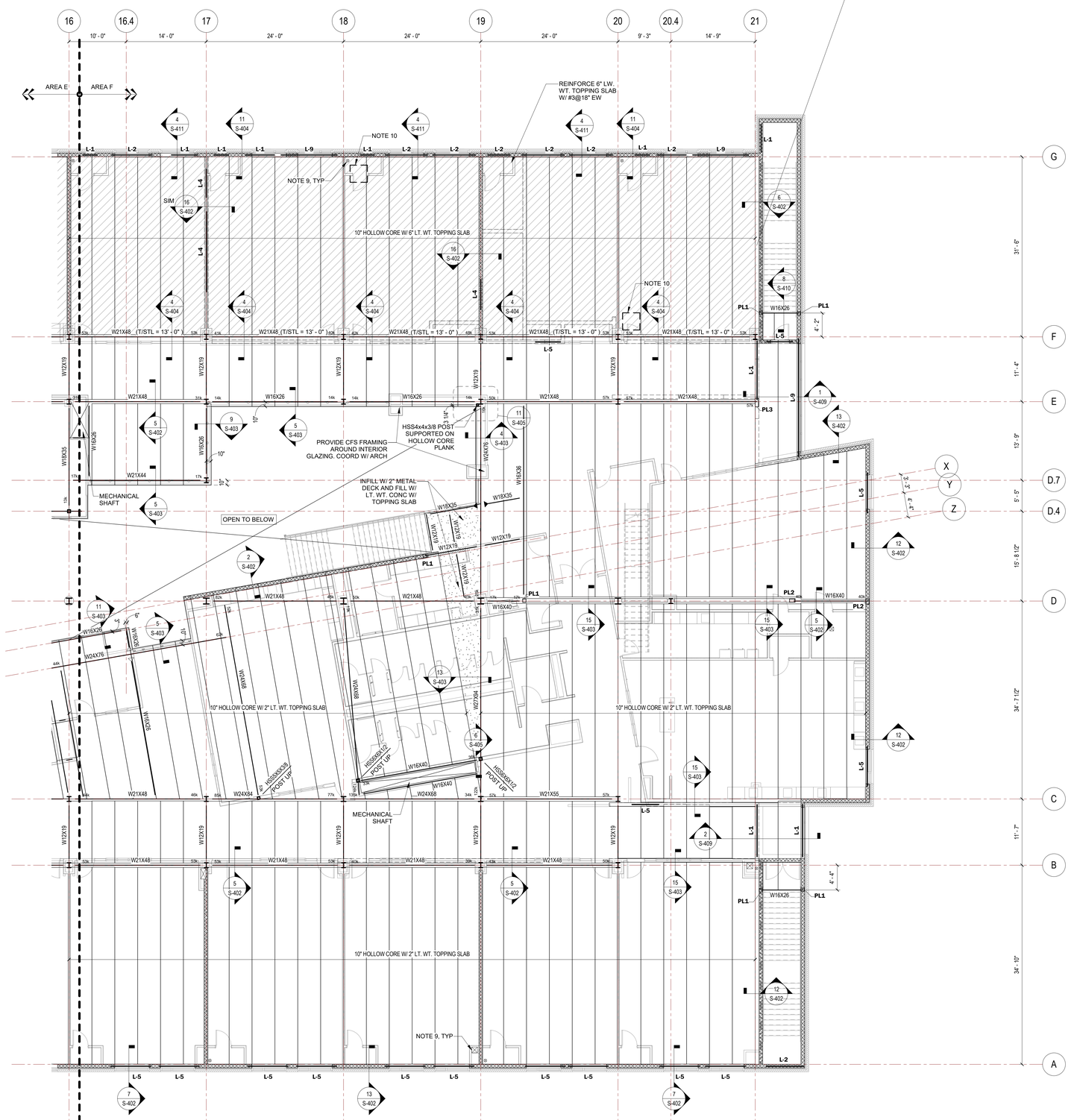
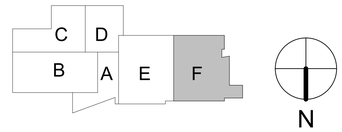


FLOOR FRAMING NOTES:

1. TOP OF 2" TOPPING SLAB ELEVATION = 14'-4". TOPPING SLAB SHALL BE REINFORCED WITH 6x6 W1.4xW1.4 W.W.F.
2. BOTTOM OF HOLLOW CORE PLANKS ELEVATION = 13'-4". TOP OF STEEL SHALL BE AT BOTTOM OF HOLLOW CORE PLANKS, U.O.N.
3. ⊢ INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405, FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
4. ◢ DENOTES TOP OF DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION = 0'-0" U.O.N.
5. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
6. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DEISGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
7. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401.
8. SEE DETAIL 6/S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO BOTTOM OF HOLLOW CORE. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. SEE DETAIL 5/S-401. COORDINATE WITH ARCH'L THE WALLS EXTENDING TO THE DECK.
9. HOLLOW CORE PENETRATION. REFER TO MECHANICAL DRAWINGS FOR OPENING SIZE AND FINAL LOCATIONS. HOLLOW CORE SUPPLIER SHALL DESIGN HOLLOW CORE PLANKS ACCOUNTING FOR OPENINGS DENOTED ON PLANS.
10. ELEC. TRANSFORMER HUNG FROM UNDERSIDE OF HOLLOW CORE PLANKS ON UNISTRUT FRAME. REFER TO ELEC DWGS FOR FINAL EQUIPMENT LOCATION. HOLLOW CORE PLANKS SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF THE EQUIPMENT AND FRAME. COORD. W/ EQUIPMENT SUPPLIER FOR FINAL EQUIPMENT DIMENSIONS AND WEIGHT.

1 S-102F **SECOND FLOOR FRAMING PLAN - AREA F**

SCALE: 1/8" = 1'-0"



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SECOND FLOOR FRAMING PLAN AREA F

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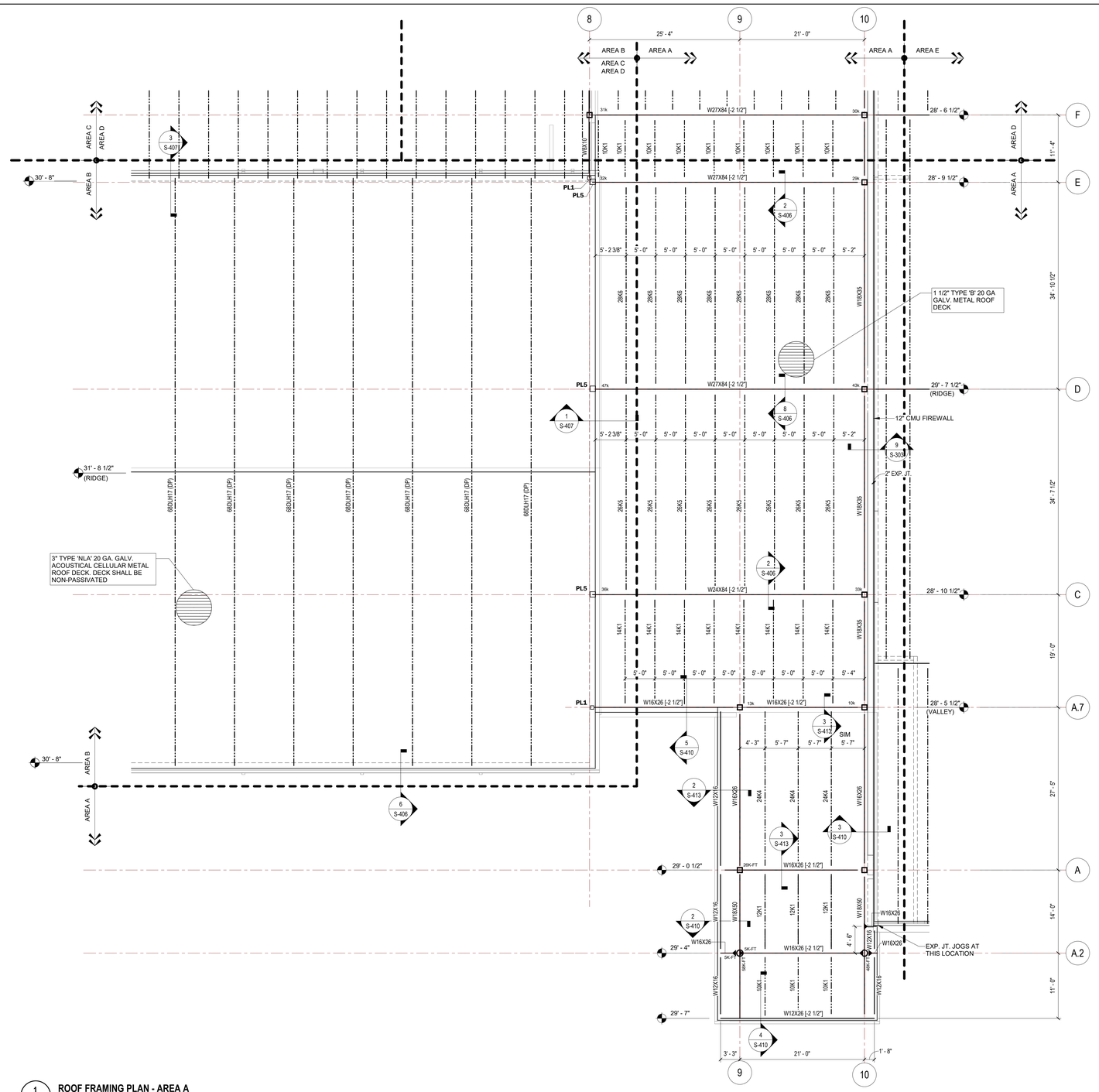

1 S-103A **ROOF FRAMING PLAN - AREA A**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ▼ DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. L# DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶ INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
17. REFER TO MEP DRAWINGS FOR LOCATIONS OF DESTRATIFICATION FANS. REFER TO DETAIL 10/S-405 FOR SUPPLEMENTAL STEEL SUPPORT FOR FANS. GC TO COORDINATE FINAL FAN SIZE AND LOCATIONS WITH MECHANCIAL CONTRACTOR AND STEEL FABRICATOR.

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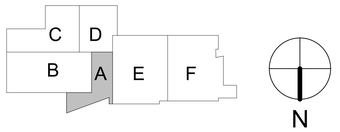
ROOF FRAMING PLAN AREA A



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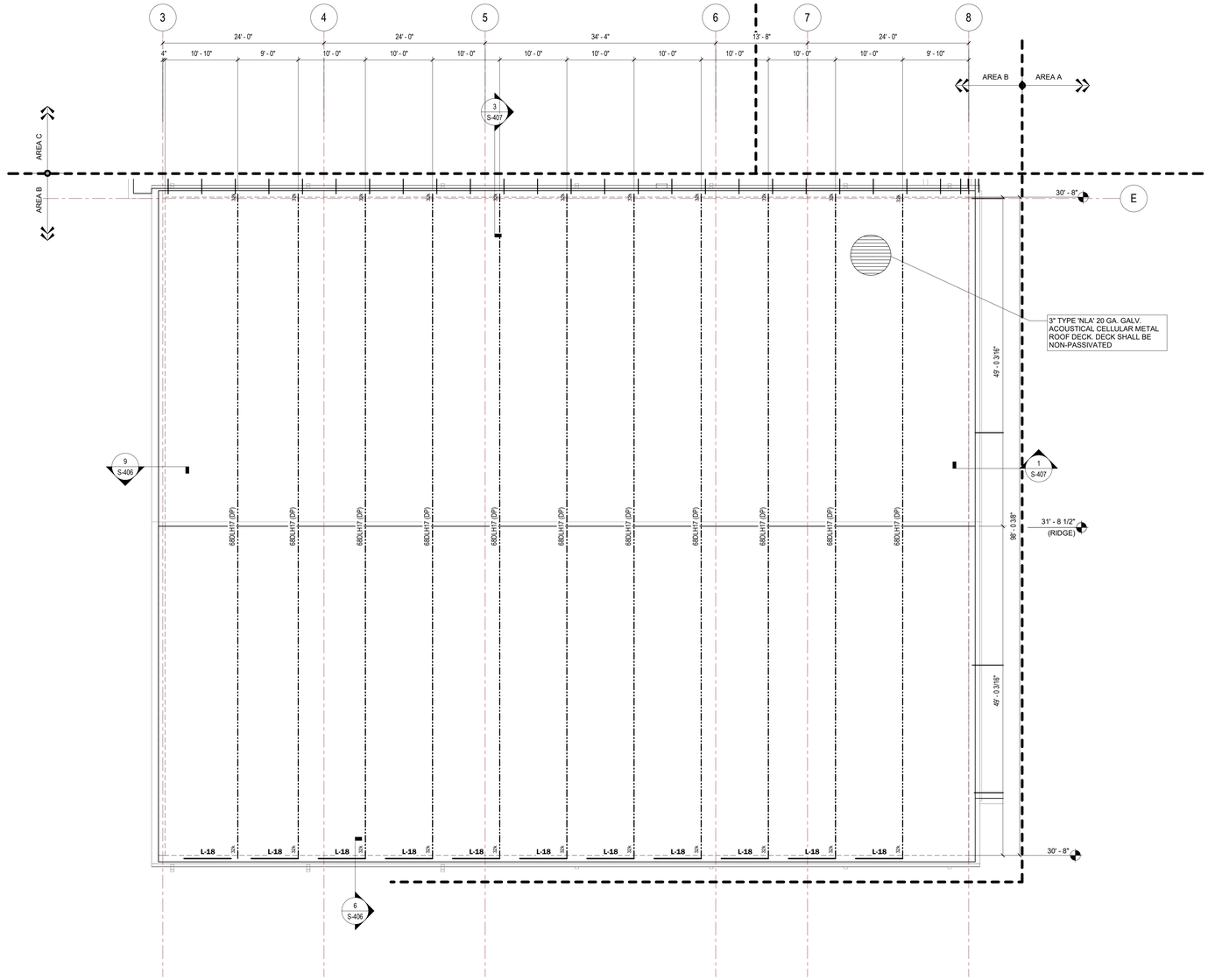
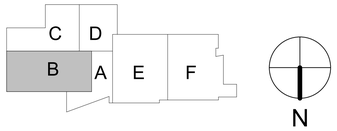


1 S-103B **ROOF FRAMING PLAN - AREA B**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ——— DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. L-# DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶—— INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401.
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
17. REFER TO MEP DRAWINGS FOR LOCATIONS OF DESTRATIFICATION FANS. REFER TO DETAIL 10/S-405 FOR SUPPLEMENTAL STEEL SUPPORT FOR FANS. GC TO COORDINATE FINAL FAN SIZE AND LOCATIONS WITH MECHANCIAL CONTRACTOR AND STEEL FABRICATOR.



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ROOF FRAMING PLAN AREA B

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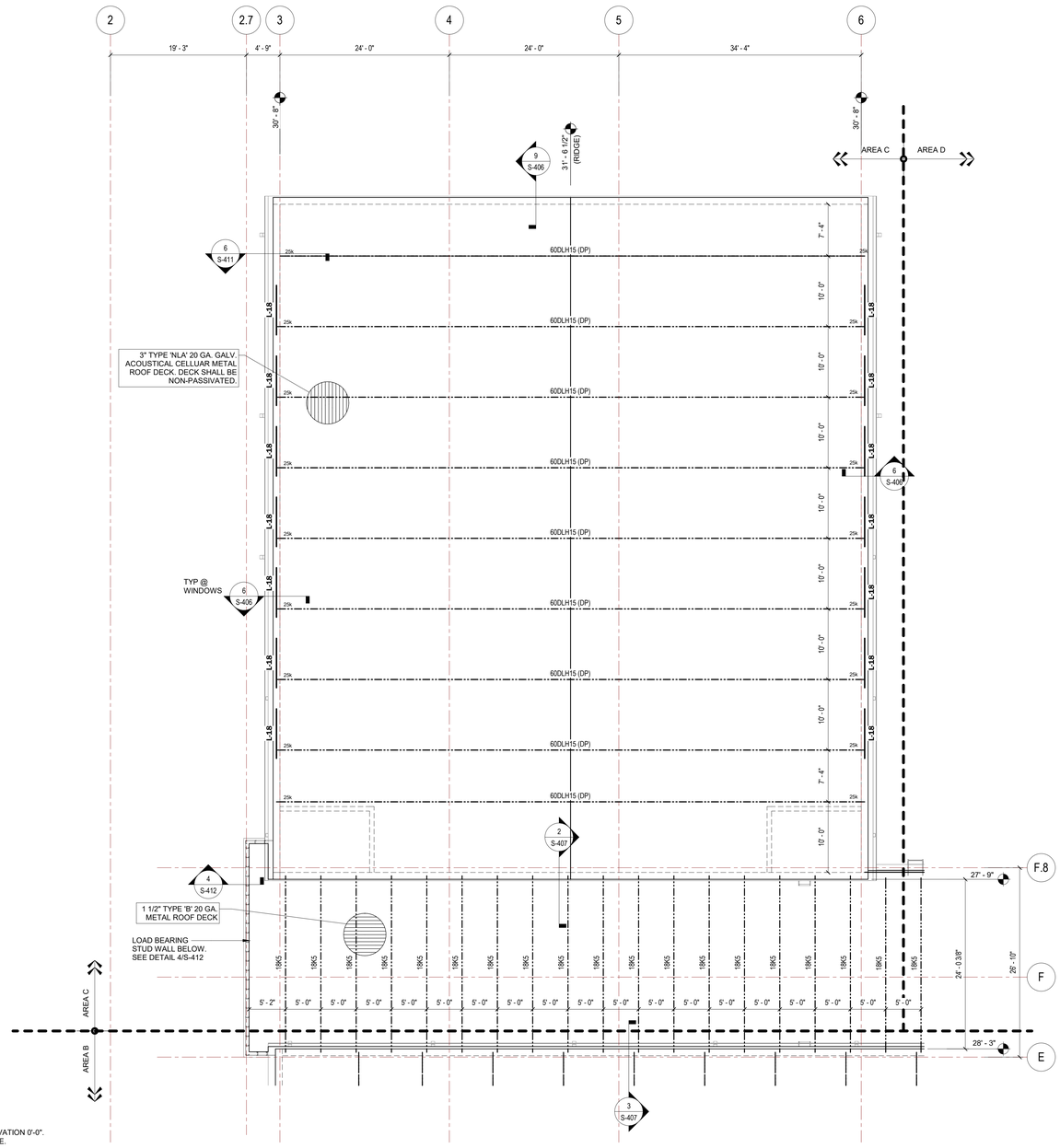

1 S-103C **ROOF FRAMING PLAN - AREA C**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ▲——— DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. [L#] DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
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12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
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15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
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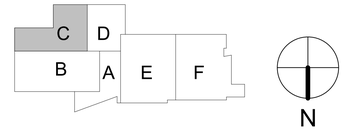

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ROOF FRAMING PLAN AREA C

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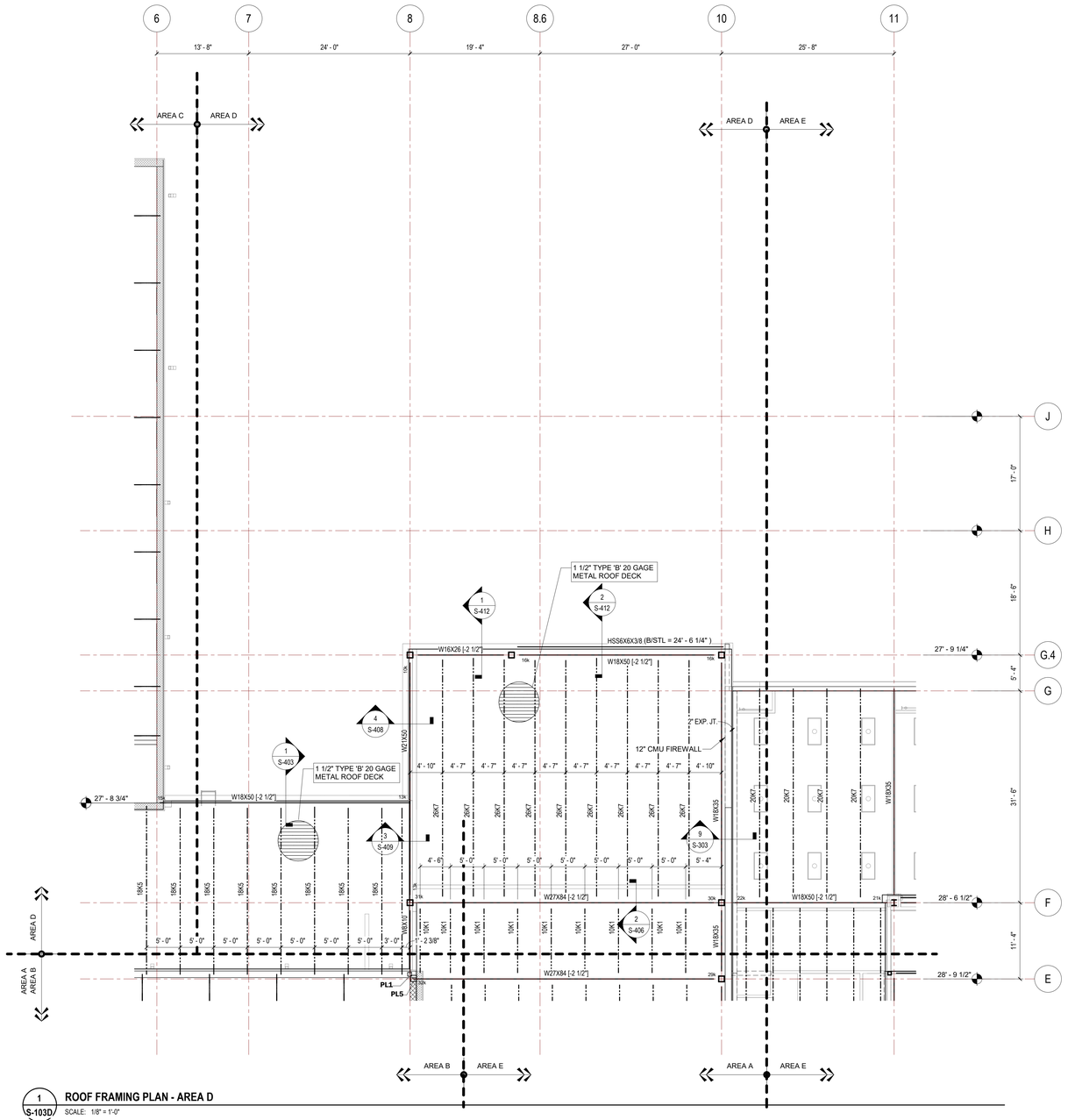

1 S-103D **ROOF FRAMING PLAN - AREA D**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ——— DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. L# DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
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15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
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ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

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PROJECT #: 23.08.034
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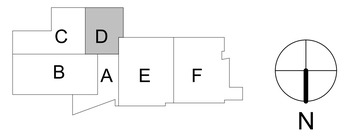

ROOF FRAMING PLAN AREA D

S-103D

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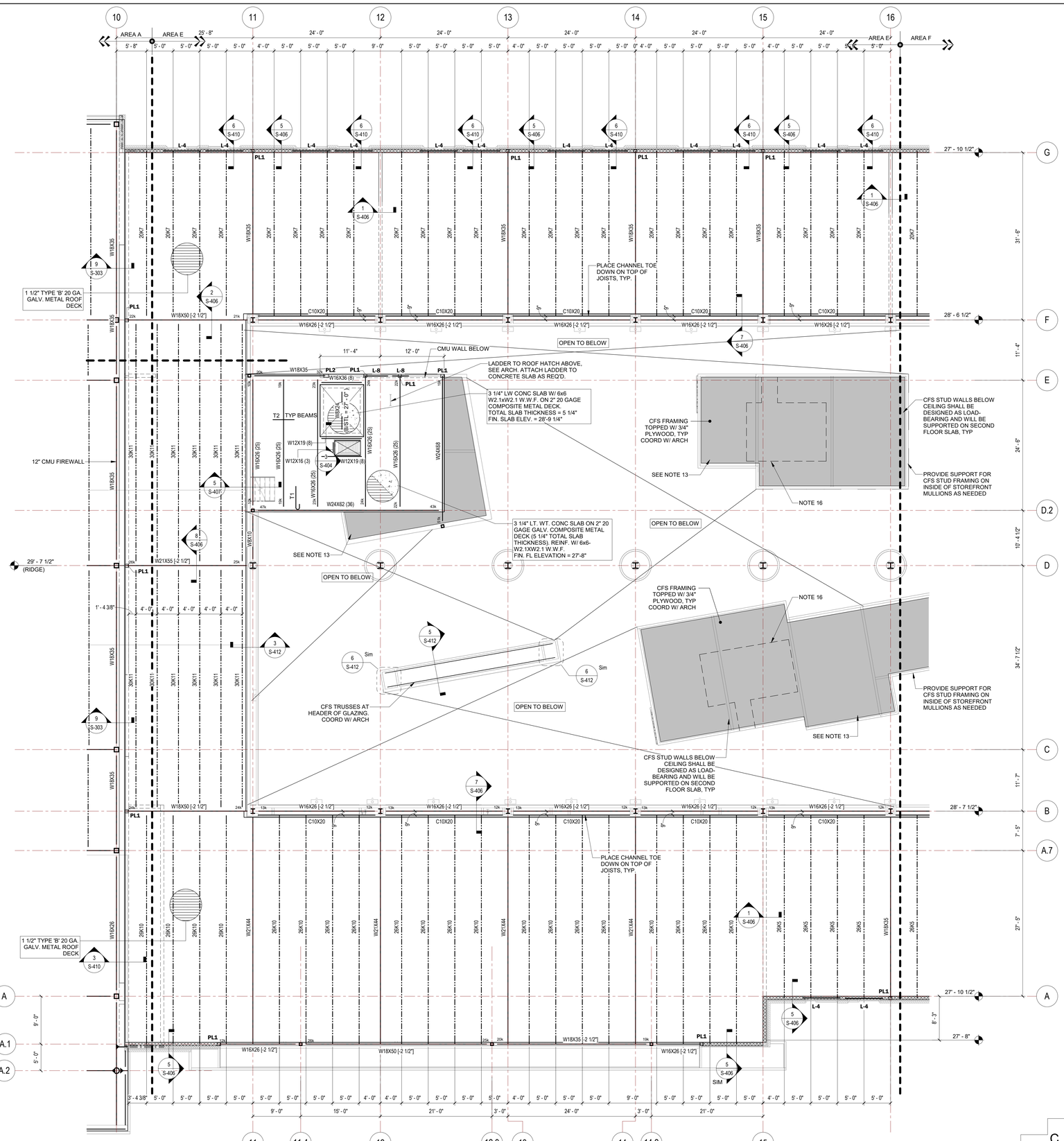

FLOOR FRAMING NOTES:

1. TOP OF STEEL ELEVATION = 5 1/4" BELOW FIN. FLOOR ELEV. U.O.N. SEE PLAN FOR FINISHED FLOOR ELEVATION.
2. ALL ELEVATIONS REFERENCED FROM 0'-0" U.O.N.
3. NUMBERS IN PARENTHESIS DENOTES QUANITTY OF 3/4"Ø x 4" STUDS EQUALLY SPACED ON BEAM. SEE 3/S-405 FOR COMPOSITE BEAM LEGEND.
4. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DEISGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
5. ▶—— INDICATES MOMENT CONNECTION. SEE DETAIL. FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR HE FULL MOMENT CAPACITY OF THE BEAM.
6. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
7. **T-#** DENOTES SLAB TOP BARS. SEE DETAIL 10/S-402 & 11/S-402 .
8. **PL #** DENOTES BEAM BEARING PL. SEE SCHEDULE AND DETAILS.
9. FLOOR FRAMING AND COMPOSITE FLOOR DECK ARE DESIGNED TO REMAIN UNSHORED DURING CONRETE PLACEMENT. ACCOUNT FOR AN EXPECTED DEFLECTION IN BEAMS AND GIRDERS OF UP TO 1/360 OF THE SPAN LENGTH (IN INCHES) OR 1", WHICHEVER IS LESS WHEN CALCULATING CONCRETE QUANTITIES. FINISH SUPPORTED SLABS FLAT AND LEVEL.
10. CONSTRUCTION JOINTS IN ELEVATED CONCRETE ON METAL DECK POURS SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION. SEE DETAIL 8/S-402 .
11. FRAMED FLOOR OPENINGS COORD. LOCATION W/ MECH'L CONTRACTOR. SEE DETAIL 7/S-405 .

ROOF FRAMING PLAN NOTES:

1. ▶—— DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
8. JOIST BRIDGING NOT SHOWN FOR CLARITY. JOIST MANUFACTURERS SHALL DESIGN AND PROVIDE BRIDGING IN ACCORDANCE W/ SJI REQUIREMENTS.
9. COORDINATE ROOF OPENING SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR. SEE DETAIL.
10. BEAM VERTICAL SHEAR DENOTED BY XXk. BEAM CONNECTIONS SHALL BE DESIGNED FOR A MINIMUM OF 10k VERTICAL SHEAR U.O.N. ON PLAN. NOTED REACTIONS ARE SERVICE/UNFACTORED LOADS.
11. ▶—— INDICATES MOMENT CONNECTION. SEE DETAIL 5/S-405 . FABRICATOR TO DESIGN AND DETAIL CONNECTION FOR THE MOMENT INDICATED ON THE PLAN "# k-ft". IF NO MOMENT IS PROVIDED, THE CONNECTION SHALL BE DESIGNED FOR THE FULL MOMENT CAPACITY OF THE BEAM.
12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
13. HATCHED AREA INDICATES CFS JOISTS @ 2'-0" TOPPED WITH 3/4" PLYWOOD TO SUPPORT CEILING. COLD FORMED STEEL STUD CEILING JOISTS, AS WELL AS ANY REQUIRED GIRDERS SHALL BE DESIGNED FOR 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE W/ ARCH'L DRAWINGS.
14. BASKETBALL GOALS SHALL BE HUNG FROM JOISTS AT PANEL POINTS. JOISTS SHALL BE DESIGNED FOR A POINT LOAD OF 2,500 LB AT ANY LOCATION ALONG THE JOIST. ANY SUPPLEMENTAL FRAMING REQUIRED SHALL BE PROVIDED BY BASKETBALL GOAL SUPPLIER.
15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
16. DASHED OUTLINE INDICATES LOCATION OF MECHANICAL EQUIPMENT AND ACCESS. REFER TO MECH. DWGS FOR FINAL EQUIPMENT LOCATIONS. CFS JOISTS SHALL BE DESIGNED FOR THE EQUIPMENT WEIGHT IN ADDITION TO 10 PSF DEAD LOAD AND 40 PSF LIVE LOAD. COORDINATE EQUIPMENT WEIGHT WITH MECHANICAL CONTRACTOR.
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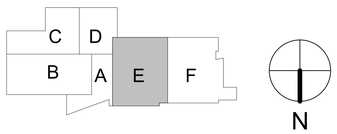
1 / S-103E — **ROOF FRAMING PLAN - AREA E**
SCALE: 1/8" = 1'-0"



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ROOF FRAMING PLAN AREA E

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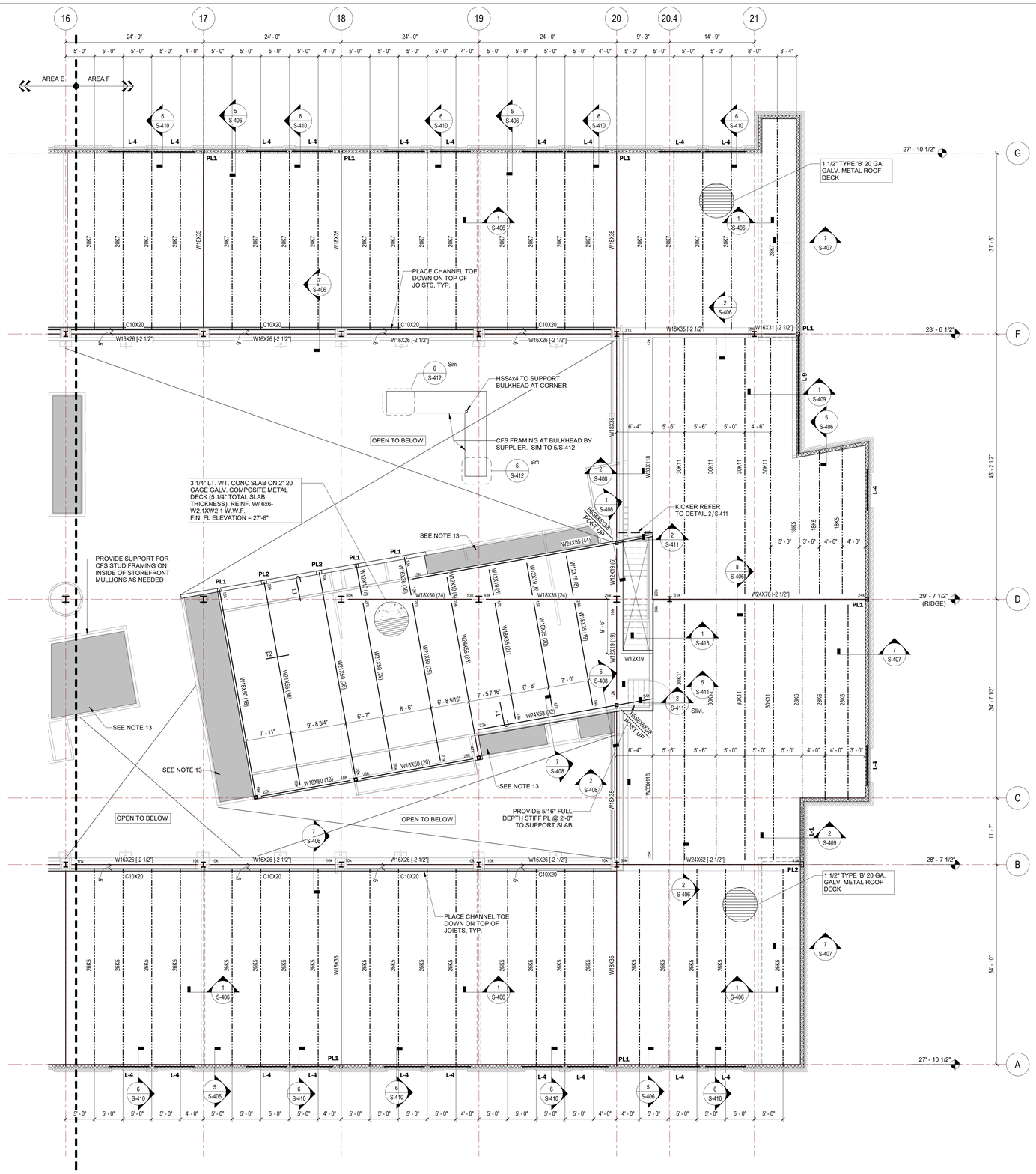
16
17
18
19
20
20.4
21
24' - 0"
9' - 3"
14' - 9"
AREA E
AREA F
G
F
D
C
B
A
27' - 10 1/2"
28' - 6 1/2"
29' - 7 1/2"
(RIDGE)
28' - 7 1/2"
27' - 10 1/2"
31' - 6"
46' - 2 1/2"
34' - 7 1/2"
11' - 7"
34' - 10"
1 1/2" TYPE 'B' 20 GA. GALV. METAL ROOF DECK
PLACE CHANNEL TOE DOWN ON TOP OF JOISTS, TYP.
HSS4x4 TO SUPPORT BULKHEAD AT CORNER
CFS FRAMING AT BULKHEAD BY SUPPLIER. SIM TO 5/S-412
OPEN TO BELOW
3 1/4" LT. WT. CONC SLAB ON 2" 20 GAGE GALV. COMPOSITE METAL DECK (5 1/4" TOTAL SLAB THICKNESS). REINF. W/ 6x6-W2.1XW2.1 W.W.F. FIN. FL ELEVATION = 27'-8"
KICKER REFER TO DETAIL 2 / S-411
SEE NOTE 13
PROVIDE SUPPORT FOR CFS STUD FRAMING ON INSIDE OF STOREFRONT MULLIONS AS NEEDED
PROVIDE 5/16" FULL DEPTH STIFF PL @ 2'-0" TO SUPPORT SLAB
L-4
L-9
L1
PL1
PL2
T1
T2
W16X26 [-2 1/2"]
W18X35 [-2 1/2"]
W16X31 [-2 1/2"]
W24X62 [-2 1/2"]
W24X76 [-2 1/2"]
W24X55 (44)
W24X68 (32)
W18X50 (24)
W18X50 (20)
W18X50 (18)
W18X35 (24)
W12X19
C10X20
W33X118
W12X16 (19)
W12X16 (16)
W12X16 (14)
W14X30 (20)
W14X30 (18)
W14X34 (18)
W14X34 (16)
W14X34 (12)
W14X34 (10)
W14X38 (16)
W14X38 (14)
W14X38 (12)
W14X38 (10)
W14X43 (14)
W14X43 (12)
W14X43 (10)
W14X48 (14)
W14X48 (12)
W14X48 (10)
W14X53 (12)
W14X53 (10)
W14X61 (10)
W14X61 (9)
W14X68 (10)
W14X68 (9)
W14X74 (9)
W14X82 (9)
W14X90 (9)
W14X99 (9)
W14X109 (9)
W14X120 (9)
W14X132 (9)
W14X145 (9)
W14X159 (9)
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W14X211 (9)
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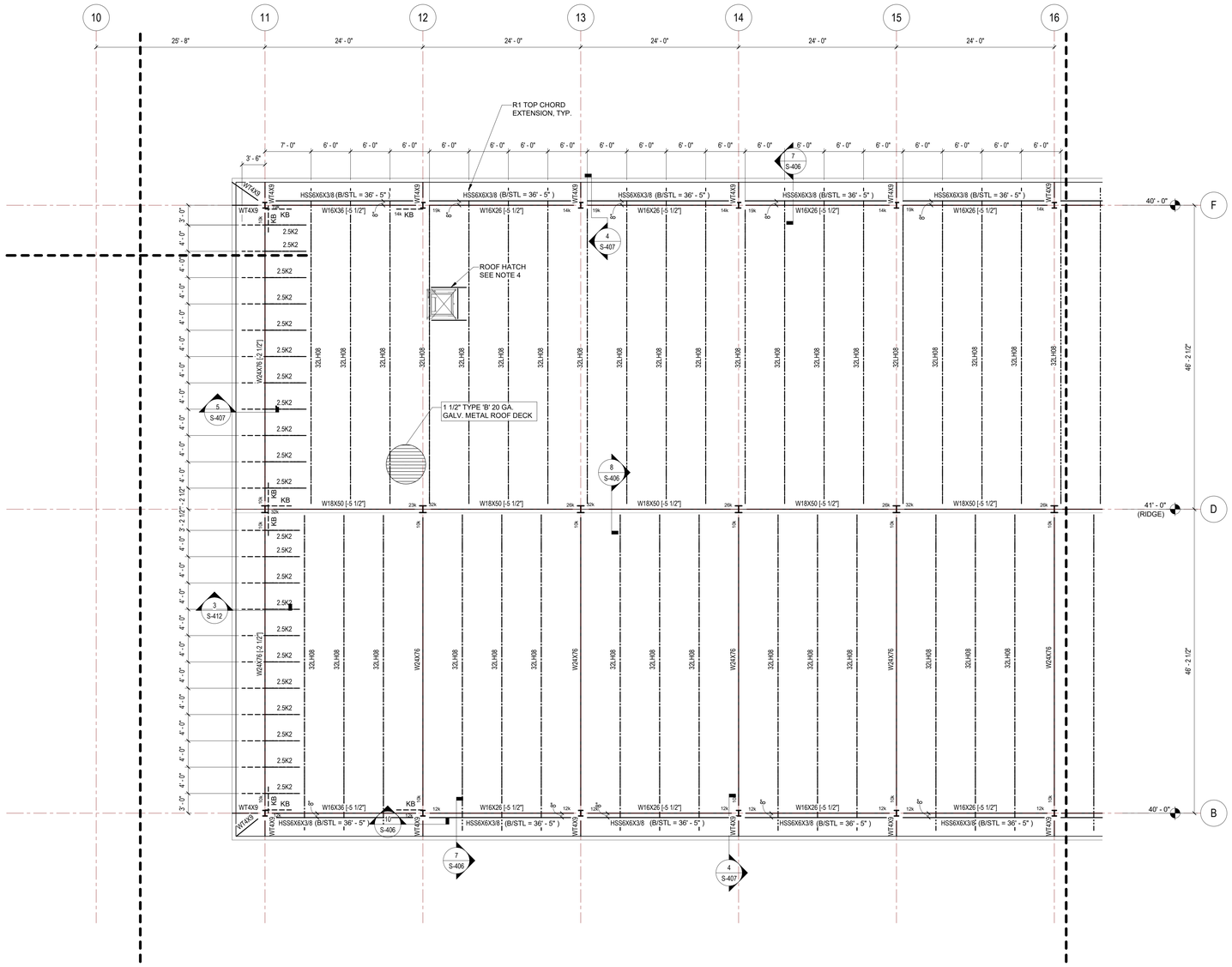

1 S-104E **HIGH ROOF FRAMING PLAN - AREA E**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ——— DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. L-# DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. [-#] INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
7. UNLESS OTHERWISENOTED ON PLAN, REFER TO DETAILS ON S-401 FOR BRACING OF NON-LOAD BEARING CMU WALLS EXTENDING TO DECK. INTERIOR NON-LOAD BEARING WALLS NOT EXTENDING TO DECK SHALL BE BRACED BY INTERSECTING WALL OR ANGLE BRACING TO JOIST AT 12'-0" O.C. MAX. COORDINATE WITH ARCH'L FOR THE PARTITION WALLS EXTENDING TO THE DECK.
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12. "KB" DENOTES KNEE BRACE. SEE DETAIL 10/S-406
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15. **PL#** DENOTES BEAM BEARING PL. SEE DETAIL 2/S-401 .
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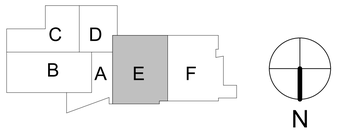

HIGH ROOF FRAMING PLAN AREA E

S-104E

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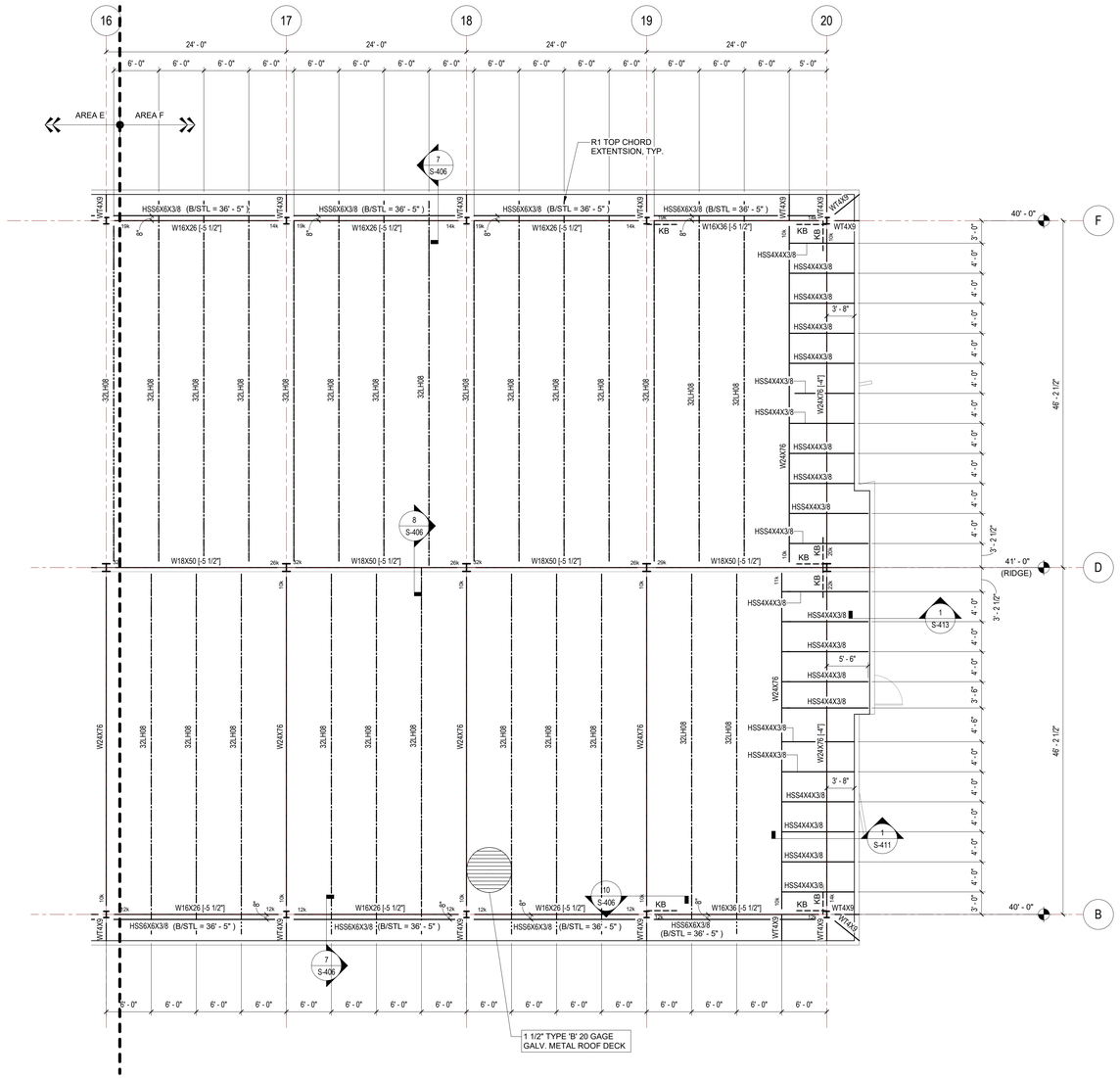

1 **S-104F** **HIGH ROOF FRAMING PLAN - AREA F**

SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. ▼ 40.0 DENOTES DECK BEARING ELEVATION ABOVE FIN. FLOOR ELEVATION 0'-0".
2. **L-#** DENOTES EXTERIOR/LOAD BEARING LINTEL. SEE S-401 FOR SCHEDULE.
3. **[-#]** INDICATES TOP OF STEEL ELEVATION BELOW DECK BEARING.
4. FRAME ROOF OPENINGS (INCLUDING ROOF DRAINS) W/ ANGLE FRAMING. COORD. LOCATION W/ MECH'L. SEE DETAIL 8/S-401.
5. DO NOT HANG ANYTHING FROM THE ROOF DECK OR JOIST BRIDGING.
6. MECH'L PIPING SHALL BE SUPPORTED AT JOIST PANEL POINTS OR ADDITIONAL BRACING SHALL BE PROVIDED. SEE DETAIL.
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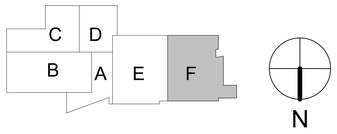
HIGH ROOF FRAMING PLAN AREA F

S-104F



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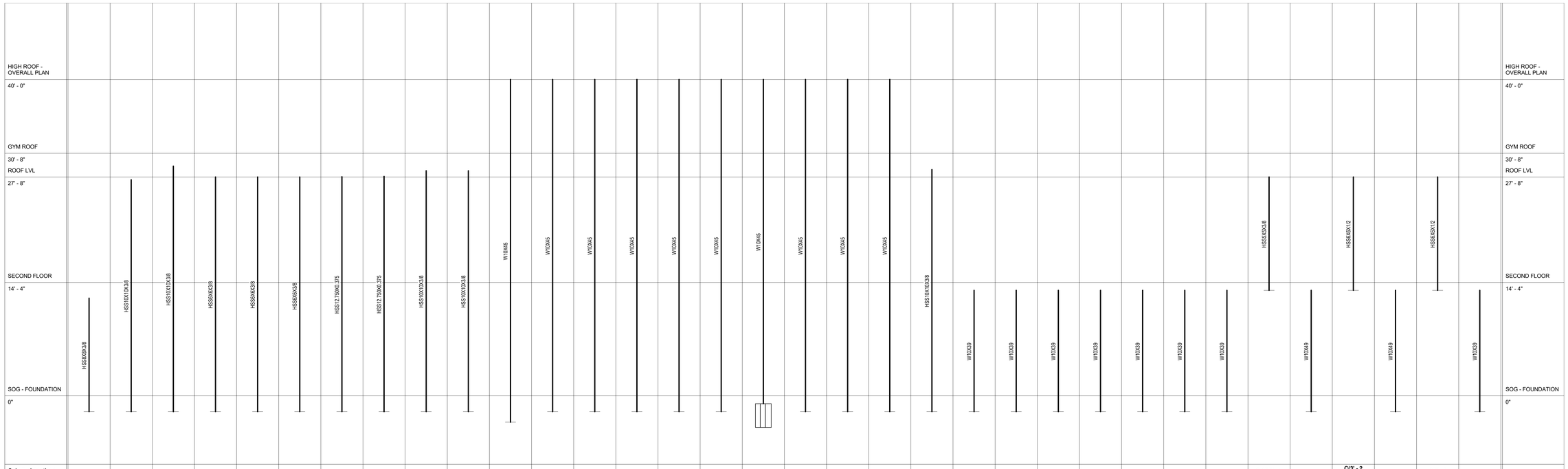
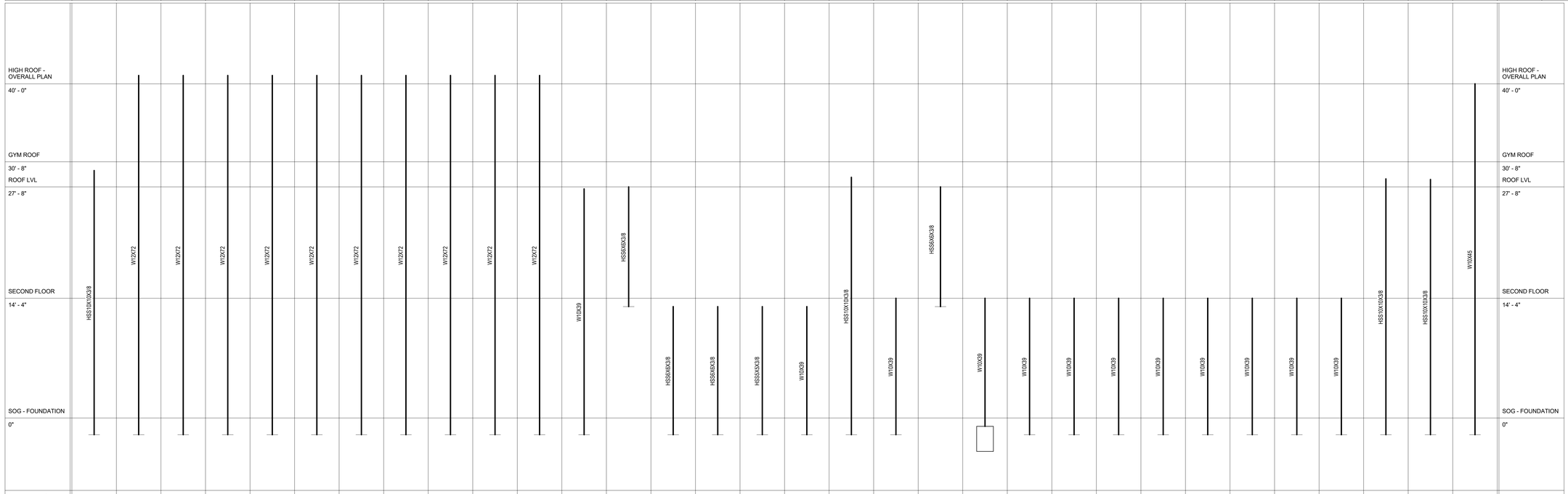
6/10/2024 6:15:45 PM Autodesk Docs://Pamlico High School 6-12/23.08.034 - SfLa - Pamlico County 6-12 School_R23.rvt



Column Locations	A-8.8	A-9	A-10	A.1-11.4	A.1-12.9	A.1-14.2	A.2-9	A.2-10	A.7-9	A.7-10	B-11	B-12	B-13	B-14	B-15	B-16	B-17	B-18	B-19	B-20	C-10	C-11	C-12	C-13.3	C-14	C-15	C-16	C-17	C-17(9' - 1 63/64")	C-18	C(3' - 2 11/16")-18(2' - 6 135/256")	C-19	C(7' - 0 23/256")-19	C-20	
DEAD LOAD	8.00 kip	11.00 kip	8.00 kip	24.00 kip	30.00 kip	20.00 kip	15.00 kip	12.00 kip	25.00 kip	10.00 kip	60.00 kip	66.00 kip	63.00 kip	64.00 kip	82.00 kip	107.00 kip	104.00 kip	107.00 kip	104.00 kip	48.00 kip	26.00 kip	58.00 kip	50.00 kip	28.00 kip	41.00 kip	51.00 kip	58.00 kip	73.00 kip	15.00 kip	100.00 kip	32.00 kip	92.00 kip	30.00 kip	68.00 kip	**DEAD LOAD**
LIVE LOAD	4.00 kip	6.00 kip	4.00 kip	12.00 kip	15.00 kip	10.00 kip	7.00 kip	6.00 kip	8.00 kip	5.00 kip	24.00 kip	27.00 kip	25.00 kip	26.00 kip	30.00 kip	36.00 kip	35.00 kip	36.00 kip	34.00 kip	23.00 kip	8.00 kip	25.00 kip	22.00 kip	14.00 kip	20.00 kip	22.00 kip	25.00 kip	42.00 kip	28.00 kip	85.00 kip	55.00 kip	68.00 kip	50.00 kip	28.00 kip	**LIVE LOAD**
ANCHOR BOLT	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø		(4) 3/4"Ø		(4) 3/4"Ø		(4) 3/4"Ø	**ANCHOR BOLT**
BASE PLATE SIZE	14x14x3/4"	16x16x3/4"	16x16x3/4"	12x12x3/4"	12x12x3/4"	12x12x3/4"	18x18x3/4"	18x18x3/4"	16x16x3/4"	16x16x3/4"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1 1/4"	16x16x3/4"	16x16x1"	16x16x3/4"	16x16x3/4"	16x16x3/4"	16x16x3/4"	16x16x3/4"	16x16x1"	16x16x1"		16x16x1"		16x16x1"		16x16x1"	**BASE PLATE SIZE**
BASE PLATE TYPE	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 2	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	DETAIL 7/S-405	TYPE 1	DETAIL 7/S-405	TYPE 1	DETAIL 7/S-405	TYPE 1	**BASE PLATE TYPE**



Column Locations	D-10	D-11	D-12	D-13	D-14	D-15	D-16	D-17	D-18	D-19	D-20	D-20.4	D.2-11	D.4-15	D.4-16	D.5-13.7	D.7-17	E-10	E-11	E(10 3/16")-11(-8")	E-12	E-13	E-14	E-15	E-16	E-17	E-18	E-19	E-20	F-8	F-10	F-11	
DEAD LOAD	33.00 kip	148.00 kip	44.00 kip	46.00 kip	46.00 kip	46.00 kip	46.00 kip	90.00 kip	126.00 kip	134.00 kip	65.00 kip	60.00 kip	20.00 kip	28.00 kip	23.00 kip	16.00 kip	12.00 kip	30.00 kip	47.00 kip	10.00 kip	15.00 kip	25.00 kip	37.00 kip	46.00 kip	45.00 kip	28.00 kip	18.00 kip	50.00 kip	68.00 kip	48.00 kip	25.00 kip	96.00 kip	**DEAD LOAD**
LIVE LOAD	11.00 kip	72.00 kip	14.00 kip	15.00 kip	15.00 kip	15.00 kip	15.00 kip	34.00 kip	78.00 kip	105.00 kip	44.00 kip	42.00 kip	38.00 kip	15.00 kip	13.00 kip	10.00 kip	8.00 kip	10.00 kip	38.00 kip	15.00 kip	9.00 kip	15.00 kip	18.00 kip	21.00 kip	21.00 kip	15.00 kip	11.00 kip	21.00 kip	28.00 kip	38.00 kip	15.00 kip	33.00 kip	**LIVE LOAD**
ANCHOR BOLT	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø		(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø		(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	**ANCHOR BOLT**
BASE PLATE SIZE	16x16x3/4"	18x18x1"	18x18x3/4"	18x18x3/4"	18x18x3/4"	18x18x3/4"	18x18x3/4"	18x18x3/4"	18x18x1"	18x18x1 1/4"	18x18x1"	16x16x1"		12x12x3/4"	12x12x3/4"	10x10x3/4"	16x16x3/4"	16x16x3/4"	16x16x1"		16x16x3/4"	16x16x3/4"	16x16x3/4"	16x16x3/4"	16x16x3/4"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x3/4"	16x16x1"	**BASE PLATE SIZE**
BASE PLATE TYPE	TYPE 2	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	DETAIL 7/S-405	TYPE 2	TYPE 2	TYPE 2	TYPE 1	TYPE 2	TYPE 1	DETAIL 7/S-405	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 2	TYPE 2	TYPE 1	**BASE PLATE TYPE**

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE: 06/12/2024

PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

STRUCTURAL COLUMN SCHEDULE

S-200

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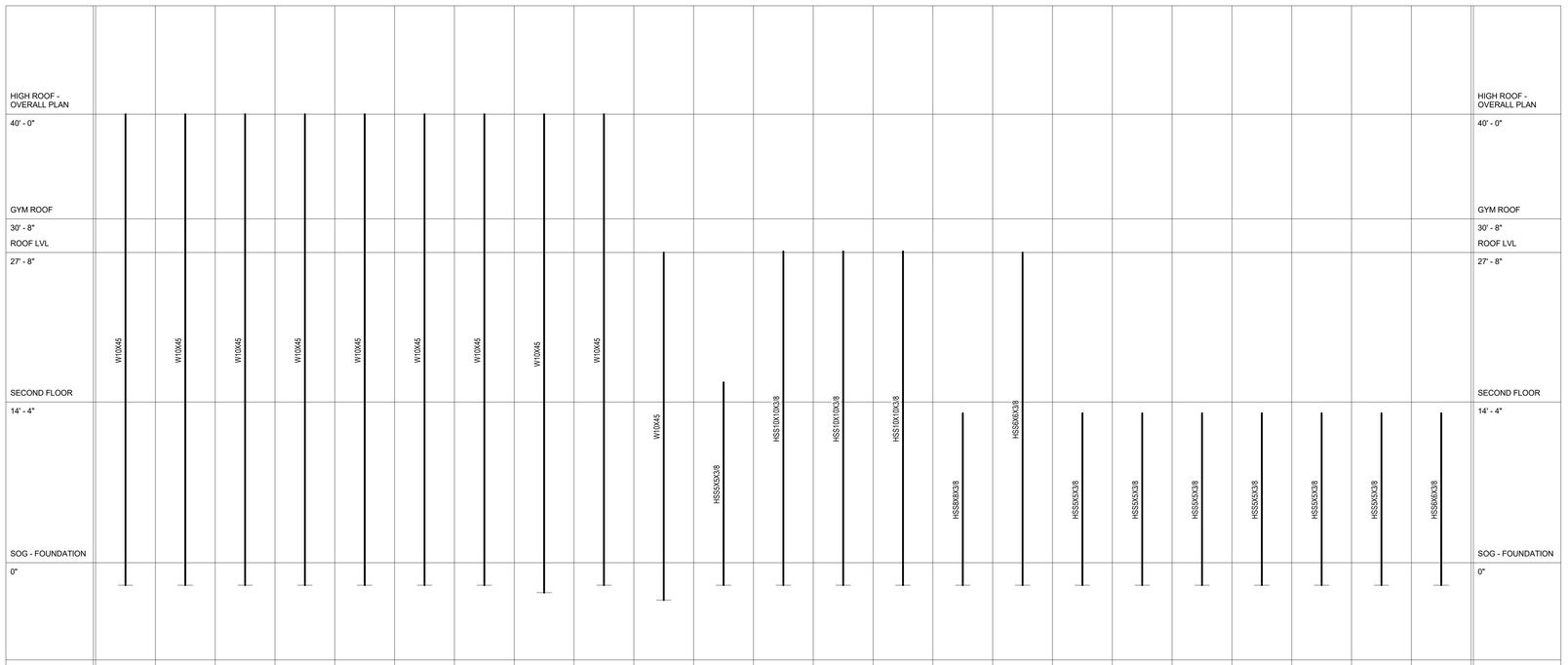
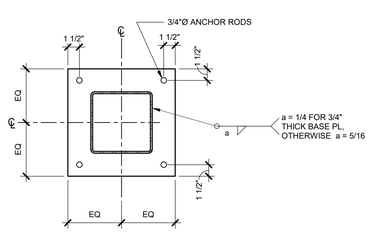
6/10/2024 6:15:53 PM Autodesk Docs://Pamlico High School 6-12/23.08.034 - SfLa - Pamlico County 6-12 School_R23.rvt

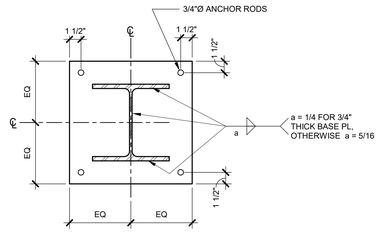


Column Locations	F-12	F-13	F-14	F-15	F-16	F-17	F-18	F-19	F-20	F-21	F.8-2.7	G.4-8	G.4-8.6(-4' - 3")	G.4-10	W-11.8	W-12.6	W-12.8	X-13.5	Y-13.2	Y-13.8	Y-14.8	Y-15.4	Z-15.8	
DEAD LOAD	98.00 kip	95.00 kip	99.00 kip	99.00 kip	96.00 kip	99.00 kip	99.00 kip	96.00 kip	106.00 kip	27.00 kip	5.00 kip	29.00 kip	29.00 kip	16.00 kip	55.00 kip	40.00 kip	9.00 kip	6.00 kip	6.00 kip	33.00 kip	37.00 kip	23.00 kip	43.00 kip	**DEAD LOAD**
LIVE LOAD	34.00 kip	33.00 kip	34.00 kip	34.00 kip	33.00 kip	34.00 kip	34.00 kip	33.00 kip	40.00 kip	13.00 kip	6.00 kip	24.00 kip	9.00 kip	9.00 kip	24.00 kip	44.00 kip	6.00 kip	4.00 kip	4.00 kip	16.00 kip	18.00 kip	13.00 kip	21.00 kip	**LIVE LOAD**
ANCHOR BOLT	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	(4) 3/4"Ø	**ANCHOR BOLT**
BASE PLATE SIZE	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1"	16x16x1 1/4"	16x16x3/4"	10x10x3/4"	16x16x3/4"	16x16x3/4"	16x16x3/4"	14x14x3/4"	12x12x3/4"	10x10x3/4"	10x10x3/4"	10x10x3/4"	10x10x3/4"	10x10x3/4"	10x10x3/4"	12x12x3/4"	**BASE PLATE SIZE**
BASE PLATE TYPE	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 1	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	TYPE 2	**BASE PLATE TYPE**



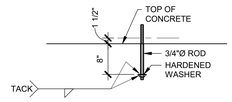
TYPE 2

3 S-201 **HSS COLUMN BASE PLATE**
SCALE: 1 1/2" = 1'-0"



TYPE 1

2 S-201 **WIDE FLANGE COLUMN BASE PLATE**
SCALE: 1 1/2" = 1'-0"



3/4"Ø

1 S-201 **TYPICAL ANCHOR RODS**
SCALE: 3/4" = 1'-0"

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FRANK W. CARR II PROFESSIONAL ENGINEER 037412 TIMOTHY K. WILTON 6-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

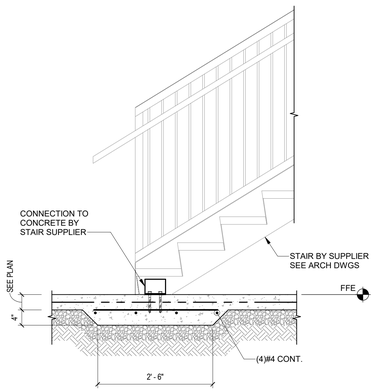
ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

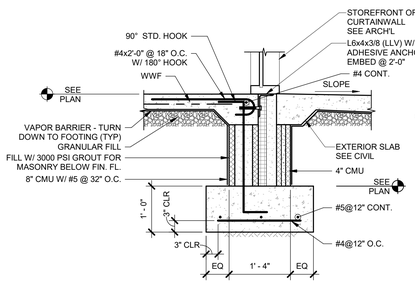
ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

STRUCTURAL COLUMN SCHEDULE AND DETAILS

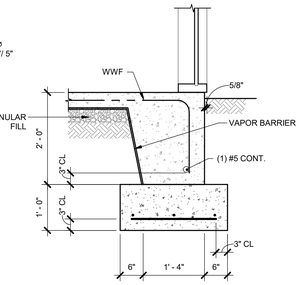
S-201



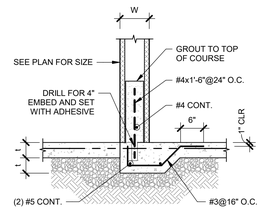
15 S-301 **TYPICAL STAIR STRINGER @ THICKENED SLAB**
SCALE: 3/4" = 1'-0"

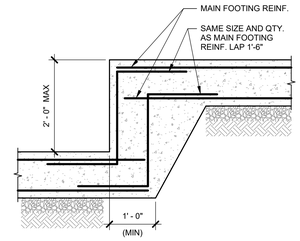


14 S-301 **TYPICAL CURTAIN WALL**
SCALE: 3/4" = 1'-0"

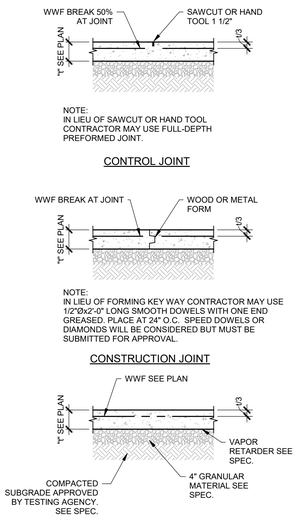


13 S-301 **TYPICAL LUG FOOTING**
SCALE: 3/4" = 1'-0"

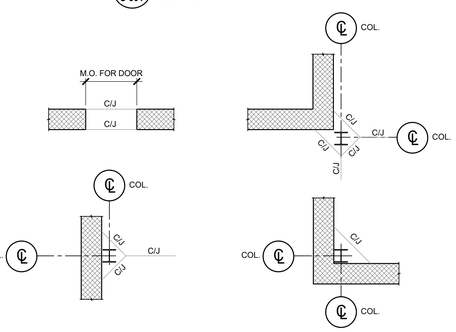




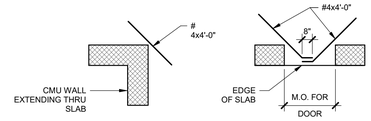
12 S-301 **STEPPED FOOTING DETAIL**
SCALE: 3/4" = 1'-0"



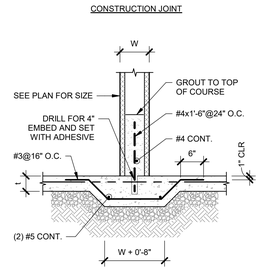
11 S-301 **TYPICAL SLAB ON GRADE DETAIL**
SCALE: 3/4" = 1'-0"



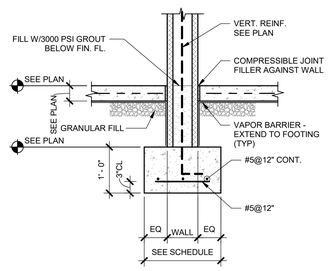
10 S-301 **CONTROL JOINT DETAILS**
SCALE: 1/4" = 1'-0"



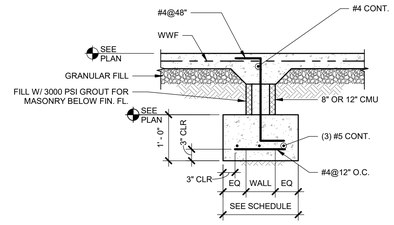
9 S-301 **SLAB PLAN @ RE-ENTRANT CORNER**
SCALE: 1/4" = 1'-0"



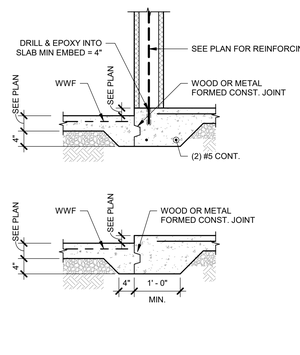
8 S-301 **TYPICAL THICKENED SLAB DETAIL**
SCALE: 3/4" = 1'-0"



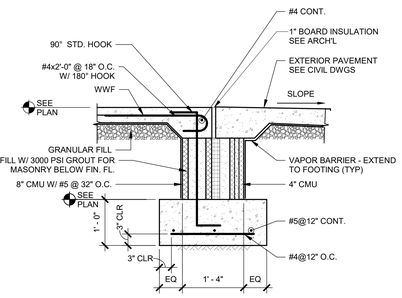
7 S-301 **INTERIOR WALL FOOTING DETAIL**
SCALE: 3/4" = 1'-0"



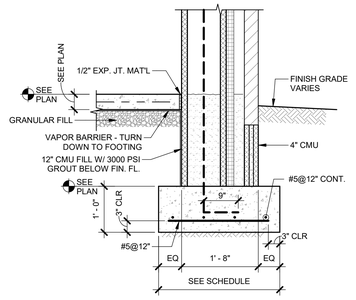
6 S-301 **TYPICAL INTERIOR DOOR OPENING**
SCALE: 3/4" = 1'-0"



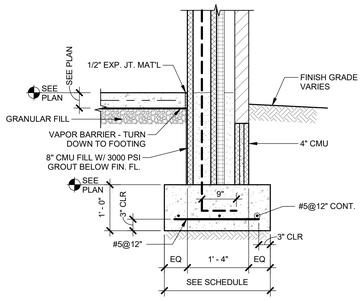
5 S-301 **TYPICAL DEPRESSED SLAB**
SCALE: 3/4" = 1'-0"



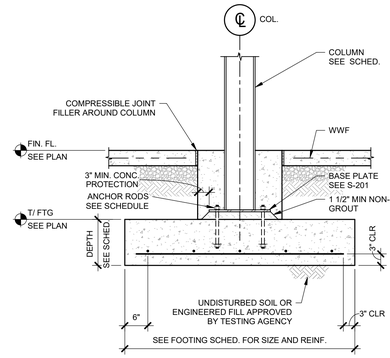
4 S-301 **TYPICAL EGRESS DOOR & OVERHEAD DOOR OPENING**
SCALE: 3/4" = 1'-0"



3 S-301 **12" CMU EXTERIOR WALL FOOTING DETAIL**
SCALE: 3/4" = 1'-0"



2 S-301 **8" CMU EXTERIOR WALL FOOTING DETAIL**
SCALE: 3/4" = 1'-0"



1 S-301 **STEEL COLUMN FOOTING DETAIL**
SCALE: 3/4" = 1'-0"

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

FOUNDATION DETAILS

S-301

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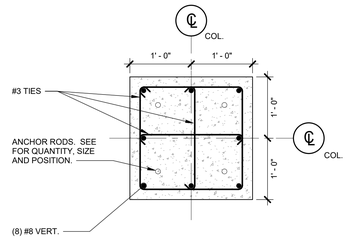
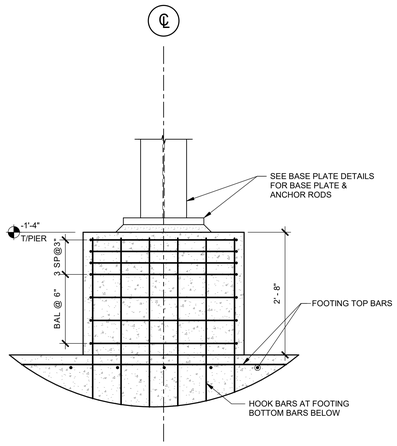
6/10/2024 6:16:10 PM Autodesk Docs://Pamlico High School 6-12/23.08.034 - SfLa - Pamlico County 6-12 School_R23.rvt

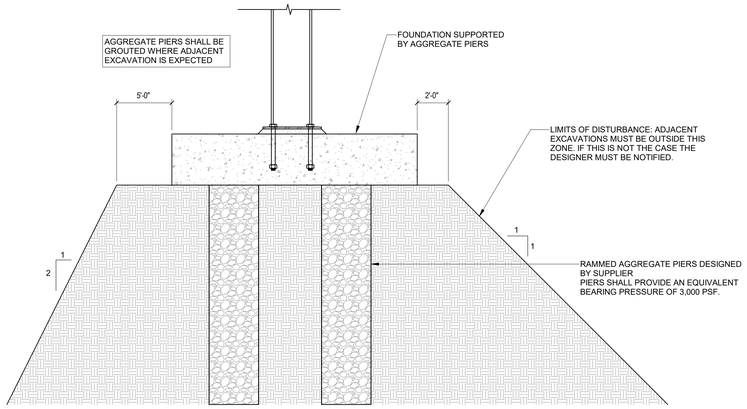


NOTE: SEE 8/S302 FOR PIER SECTION

9 / S-302 PIER P1 DETAIL
SCALE: 1" = 1'-0"

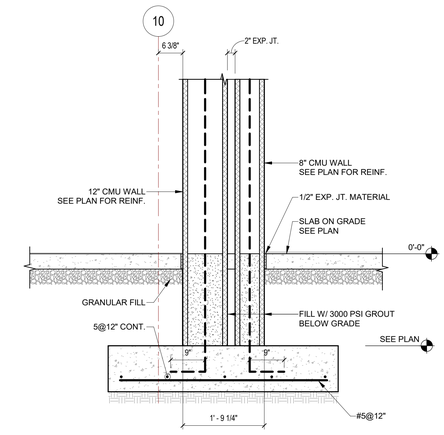


8 / S-302 TYPICAL PIER SECTION
SCALE: 3/4" = 1'-0"

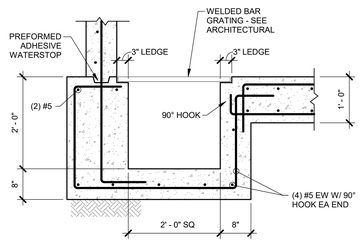


NOTE: THESE DETAILS DEPICT THE LIMITS OF EXCAVATON PRIOR TO CONSTRUCTION OF THE STRUCTURE FOUNDED UPON THE AGGREGATE PIER REINFORCED SOIL. THESE DETAILS ARE INTENDED TO DEPICT THE LIMITS OF EXCAVATION FOR SHALLOW EXCAVATIONS ADJACENT TO THE AGGREGATE PIERS, AND IN NO WAY ARE TO BE CONSIDERED A SAFE EXCAVATION LIMITS. THE LIMITS SHOWN ARE THAT WHICH WILL IMPACT THE PERFORMANCE FO THE AGGREGATE PIERS ONCE PLACED IN SERVICE. ONCE THE STRUCTURE IS IN PLACE ANY EXCAVATIONS WITHIN THE ZONE OF INFLUENCE OF THE FOUNDATION SHALL BE DESIGNED SUCH THAT THE STRUCTURE RESTS UPON SHALLOW FOUNDATIONS. ALL SAFE EXCAVATION BENCHING, SLOPING, HEIGHT AND OR STABILIZATION SHALL BE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE EXCAVATION.

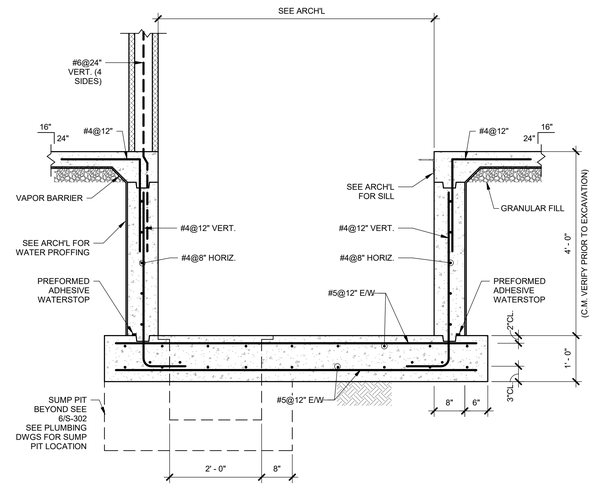
7 / S-302 RAMMED AGGREGATE PIERS NO-DIG ZONE DETAIL
SCALE: 1" = 1'-0"



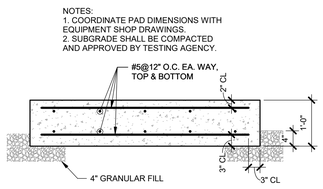
6 / S-302 CMU DETAIL
SCALE: 3/4" = 1'-0"



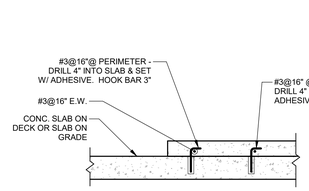
5 / S-302 SUMP PIT DETAIL
SCALE: 3/4" = 1'-0"



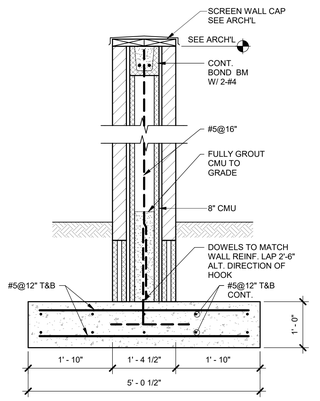
4 / S-302 SECTION THRU ELEVATOR PIT
SCALE: 3/4" = 1'-0"



3 / S-302 EXTERIOR EQUIPMENT PAD
SCALE: 3/4" = 1'-0"



2 / S-302 INTERIOR EQUIPMENT PAD
SCALE: 3/4" = 1'-0"



1 / S-302 8" CMU SCREEN WALL DETAIL
SCALE: 3/4" = 1'-0"

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FRANK W. CARR JR. PROFESSIONAL ENGINEER 037412 TIMOTHY K. WILTON 6-12-24

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FOUNDATION DETAILS

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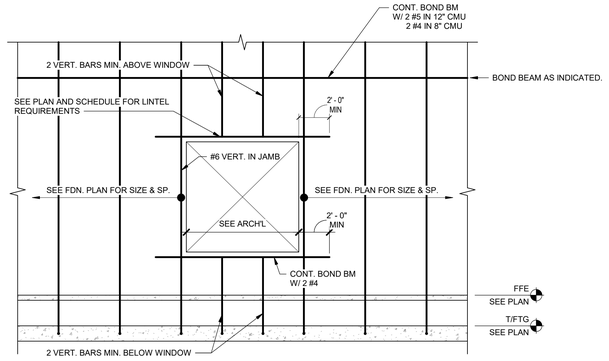
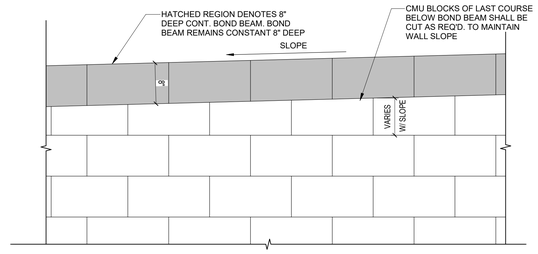
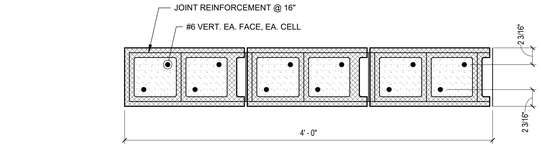


11 S-303 TYP. WALL ELEVATION - AT WINDOW
SCALE: 1/4" = 1'-0"

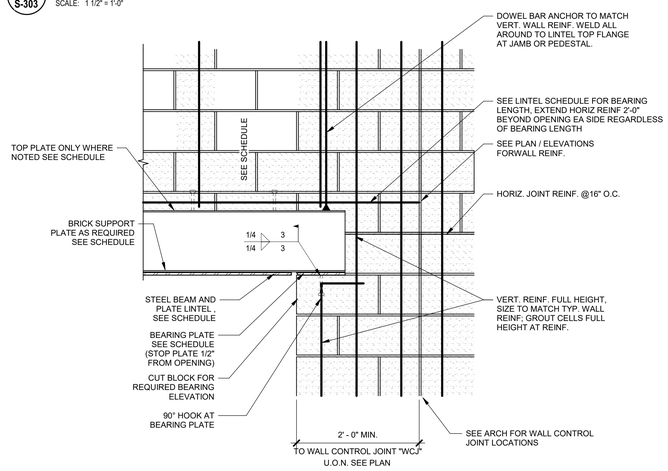


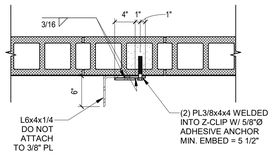
13 S-303 SLOPED BOND BEAM DETAIL
SCALE: 1" = 1'-0"



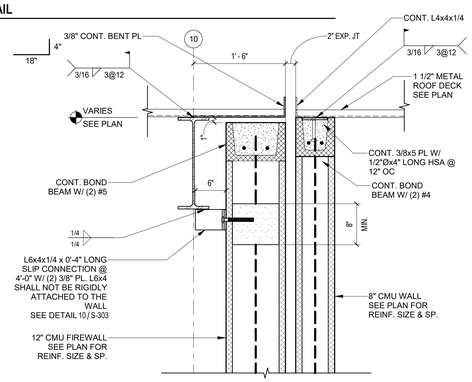
NOTES:
1. FILL CELLS WITH 3000 PSI GROUT FOR MASONRY.
2. FOR PILASTER LOCATED AT WCJ, PROVIDE ADDITIONAL CONTROL JOINT REINF. PER DETAIL 5/S-303.

12 S-303 REINFORCED PILASTERS
SCALE: 1 1/2" = 1'-0"

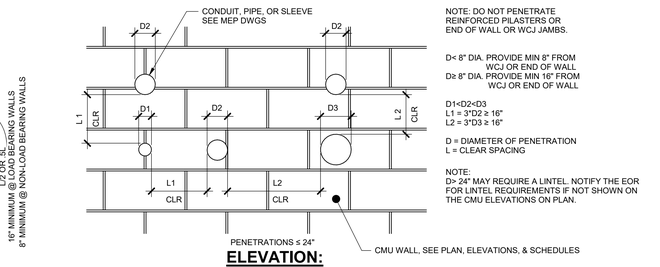




10 S-303 SLIP CONNECTION AT FIREWALL
SCALE: 1" = 1'-0"



9 S-303 DETAIL AT FIREWALL
SCALE: 1" = 1'-0"



NOTE: DO NOT PENETRATE REINFORCED PILASTERS OR END OF WALL OR WCJ JAMBS.

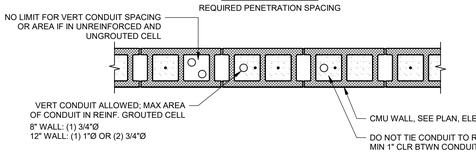
D< 8" DIA. PROVIDE MIN 8" FROM WCJ OR END OF WALL
D≥ 8" DIA. PROVIDE MIN 16" FROM WCJ OR END OF WALL

D1<D2<D3
L1 = 3"D2 ≥ 16"
L2 = 3"D3 ≥ 16"

D = DIAMETER OF PENETRATION
L = CLEAR SPACING

NOTE:
D> 24" MAY REQUIRE A LINTEL. NOTIFY THE EOR FOR LINTEL REQUIREMENTS IF NOT SHOWN ON THE CMU ELEVATIONS ON PLAN.

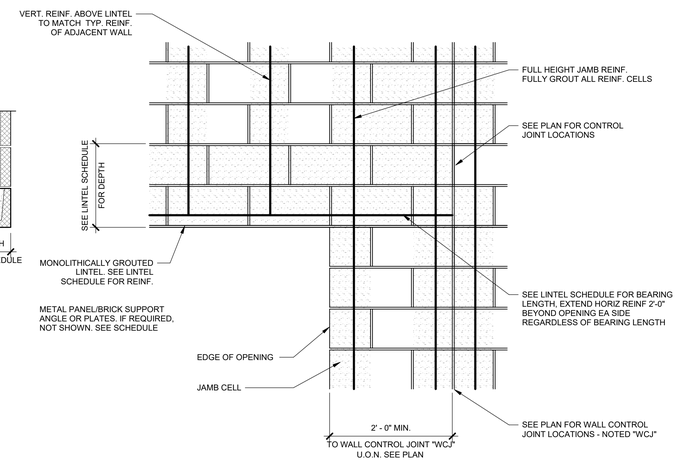
ELEVATION:
REQUIRED PENETRATION SPACING



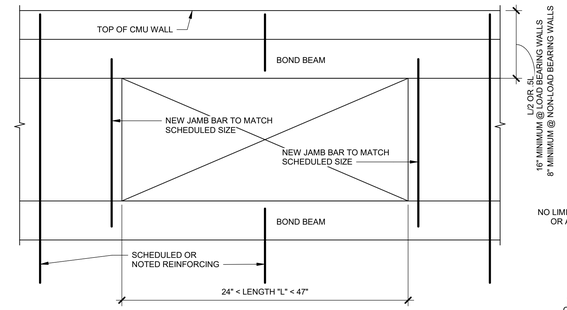
PLAN DETAIL:
EMBEDDED UTILITIES

NOTES:
1. REFER TO MEP DRAWINGS FOR ALL TELECOM, CONDUIT, AND PIPES 8"Ø AND SMALLER. CONTRACTOR TO FOLLOW DETAIL SPACING REQUIREMENTS FOR LAYOUT. IF SPACING CANNOT BE MAINTAINED, PENETRATIONS MUST BE GROUPED BELOW CMU LINTEL. NOTIFY THE EOR FOR LINTEL REQUIREMENTS.
2. CONDUITS SHALL NOT PENETRATE BOND BEAMS NOR LINTELS UNLESS NOTED OTHERWISE.

8 S-303 TYP.STEEL LINTEL DETAIL
SCALE: 1" = 1'-0"



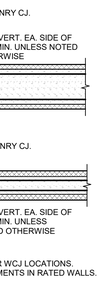
7 S-303 TYP. CMU LINTEL DETAIL
SCALE: 1" = 1'-0"



DUCT OPENINGS UNDER 47" WIDE PROVIDE BOND BEAM AT BOTTOM JAMB BARS ON EITHER SIDE, AND BOND BEAM ACROSS THE TOP -AS LONG AS DUCT IN NOT OVER 48" AND REBAR IS NOT MORE THAN 48" APART. IF REBAR IS MORE THAN 48", JAMB REINFORCING MUST BE INSTALLED FROM BELOW, FULL HT. BOND BEAMS SHALL BE REINFORCED WITH (2) #4 BARS.

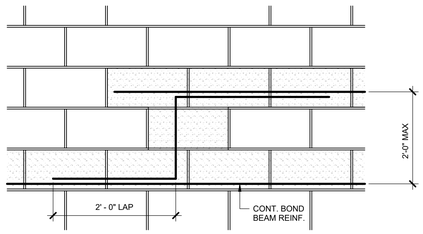
NON-LOAD BEARING INTERIOR PARTITIONS OPENING SIZE:
LESS THAN OR EQUAL TO 24" - REFER TO ADJACENT DETAIL (ROUND OR RECTANGULAR)
GREATER THAN 24" AND LESS THAN 48" - SEE DETAIL ABOVE
GREATER THAN 48" - LINTEL SHALL BE PROVIDED IN ACCORDANCE WITH THE NON-LOAD BEARING LINTEL SCHEDULE ON SHEET S-401. FOR MASONRY LINTEL - THE HEIGHT OF CMU ABOVE THE OPENING MUST MEET THE L/2 OR .5L CRITERIA-OTHERWISE A STEEL LINTEL MUST BE PROVIDED IN ACCORDANCE WITH THE SCHEDULE. PROVIDE FULL HEIGHT JAMBS EACH SIDE.
REFER TO PLANS AND SCHEDULE FOR ALL LINTELS AT LOAD BEARING OR EXTERIOR WALLS. FOR MEP PENETRATIONS NOT IDENTIFIED ON PLANS USE THE ABOVE CRITERIA.

6 S-303 CMU WALL UTILITY PENETRATION AND EMBEDMENT TYPICAL DETAIL
SCALE: 1" = 1'-0"

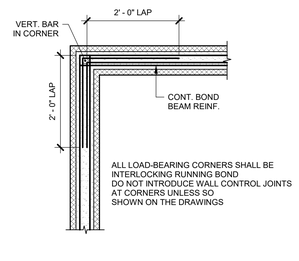


1. SEE FOUNDATION PLANS AND ARCH DWGS FOR WCJ LOCATIONS.
2. SEE ARCH DWGS FOR FIRE STOPPING REQUIRMENTS IN RATED WALLS.

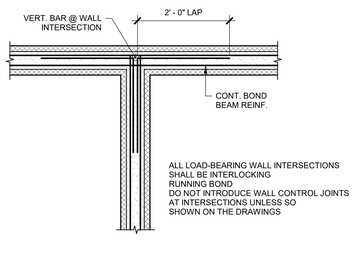
5 S-303 TYP. CONTROL JOINT DETAIL
SCALE: 3/4" = 1'-0"



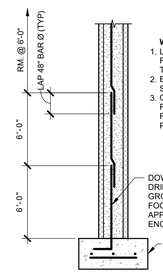
4 S-303 TYP. STEP IN BOND BEAM
SCALE: 1" = 1'-0"



3 S-303 TYP. BOND BEAM CORNER
SCALE: 3/4" = 1'-0"



2 S-303 TYP. BOND BEAM INTERSECTION
SCALE: 3/4" = 1'-0"



WALL NOTES:
1. LOCATIONS THAT REQUIRE WALL REINFORCING ARE SHOWN ON THE FOUNDATION PLAN.
2. BARS SHALL BE TIED AT LAPPED SPLICES BEFORE CMU IS LAID.
3. ONLY THE CELLS IN CMU WHERE REINFORCING OCCURS ARE REQUIRED TO BE FILLED W/ 3000 PSI GROUT FOR MASONRY.

1 S-303 CMU WALL REINF. DETAIL
SCALE: 3/4" = 1'-0"

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JOHN W. CARPENTER PROFESSIONAL SEAL 037412 ENGINEER TIMOTHY K. WILTON 6-12-24

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DRAWN BY: AS
CHECKED BY: TH

MASONRY DETAILS

S-303

LOAD BEARING / EXTERIOR LINTEL SCHEDULE

MARK	WALL TYPE	LINTEL	SIZE	REINF.	SECTION	BEARING END	REMARKS
L-1	8" CMU 4" BRICK	U-BLOCK STEEL	8x16 PL 3/8x7 5/8 (HORIZ.) PL 3/8x6 (VERT.)	(2)#4	1' - 3 5/8"	8"	HOT DIPPED GALV. SEE 3/S-401
L-2	8" CMU 4" BRICK	U-BLOCK STEEL	8x24 PL 3/8x7 5/8 (HORIZ.) PL 3/8x6 (VERT.)	(2)#5		8"	HOT DIPPED GALV SEE 3/S-401
L-3	8" CMU BRICK	STEEL	W8x28 W/ 3/8"PL	----		8"	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x7
L-4	8" CMU	U-BLOCK	8x16	(2)#4		8"	----
L-5	8" CMU	U-BLOCK	8x24	(2)#5		8"	----
L-6	12" CMU 4" BRICK	U-BLOCK STEEL	12x24 PL 3/8x7 5/8 (HORIZ.) PL 3/8x6 (VERT.)	(2)#5		16"★	HOT DIPPED GALV SEE 3/S-401
L-7	12" CMU	U-BLOCK	12x16	(2)#5		16"★	----
L-8	8" CMU	STEEL	W16x40	----		16"★	1/2"Øx 4" HSA @ 16" BEARING PL 1/2x7x15
L-9	8" CMU BRICK	STEEL	W16x40 W/ 3/8"PL	----		16"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x15
L-10	12" CMU BRICK	STEEL	W16x40 W/ 3/8"PL	----		16"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x15

★ AT LINTELS W/ 16" OR 24" BEARING, EACH END OF LINTEL SHALL BEAR ON (2) OR (3)GROUTED CELLS, RESPECTIVELY, REINFORCED W/ #5 (INT.) OR #6 (EXT.)

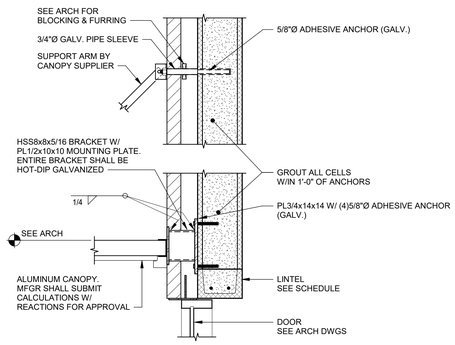
LOAD BEARING / EXTERIOR LINTEL SCHEDULE

MARK	WALL TYPE	LINTEL	SIZE	REINF.	SECTION	BEARING END	REMARKS
L-11	12" CMU	STEEL	W16x40 W/ 3/8"PL	----		16"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" BEARING PL 1/2x7x15
L-12	8" CMU	STEEL	W24x55 W/ 3/8"PL	----		24"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x15
L-13	12" CMU	STEEL	W24x55 W/ 3/8"PL	----		24"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x15
L-14	12" CMU BRICK	STEEL	W24x55 W/ 3/8"PL	----		24"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x15
L-15	8" CMU BRICK	STEEL	W24x62 W/ 3/8"PL	----		24"★	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" BEARING PL 1/2x7x15
L-16	12" CMU BRICK	STEEL	W8x28 W/ 3/8"PL	----		8"	HOT DIPPED GALV. 1/2" Ø x 4" HSA @ 16" 1/4" STIFF PL @ 4'-0" BEARING PL 1/2x7x7
L-17	12" CMU 4" BRICK	U-BLOCK STEEL	12x16 PL 3/8x7 1/2 (HORIZ.) PL 3/8x6 (VERT.)	(2)#5		16"★	HOT DIPPED GALV SEE 2/S-121D
L-18	12" CMU	U-BLOCK	8x32	(2)#6		16"★	
MECH'L OPNG LESS THAN 30" WIDE	8" CMU	U-BLOCK	8x8	(2)#4		8"	----
MECH'L OPNG 30" TO 42" WIDE	8" CMU	U-BLOCK	8x16	(2)#4		8"	----

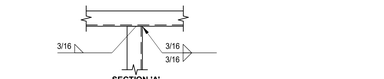
INTERIOR/NON-LOAD BEARING LINTEL SCHEDULE

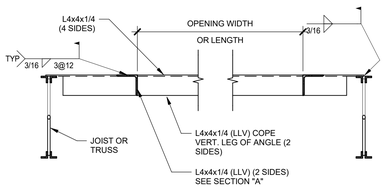
WALL TYPE	OPENING WIDTH	LINTEL TYPE	LINTEL SIZE	REINF.	BEARING EA. END	REMARKS
8" CMU	1'-4" - 4'-0"	U-BLOCK	8x8	(2) - #4	8"	
8" CMU	>4' - 6'-4"	U-BLOCK	8x8	(2) - #5	8"	
8" CMU	6'-8" - 8'-0"	U-BLOCK	8x16	(2) #4	8"	
8" CMU	>8'-0" - 10'-0"	U-BLOCK	8x16	(2) #5	8"	

1. FILL CELLS OF LINTEL BLOCKS W/ 3000 PSI GROUT FOR MASONRY.
2. GENERAL CONTRACTOR SHALL COORDINATE LOCATION OF DUCT PENETRATIONS AND INSTALL LINTEL S AS REQ'D DURING WALL CONSTRUCTION.

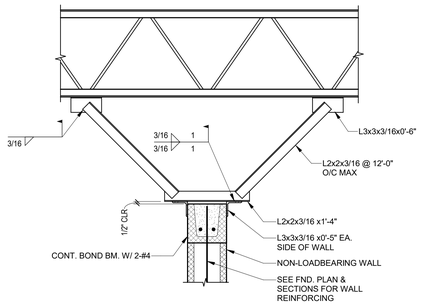


9 S-401 **PREFAB CANOPY DETAIL**
SCALE: 3/4" = 1'-0"

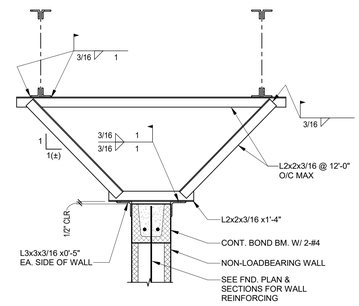




8 S-401 **ROOF OPENING DETAIL**
SCALE: 1" = 1'-0"

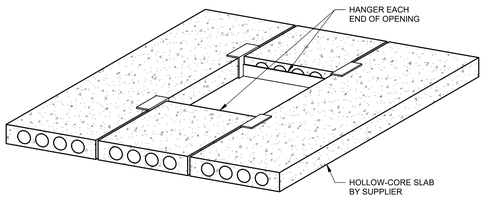


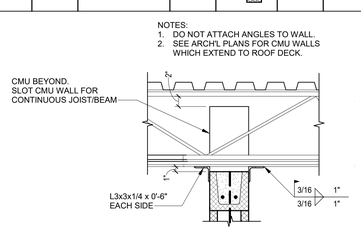
WALL PERPENDICULAR



WALL PARALLEL

BELOW ROOF DECK





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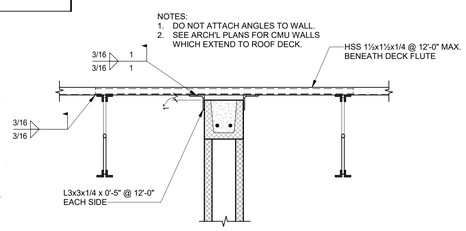
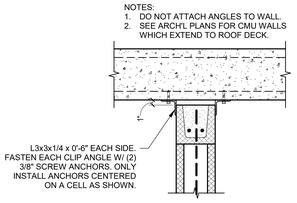


WALL PARALLEL

AT METAL DECK



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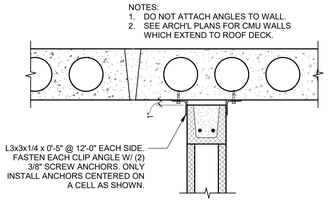
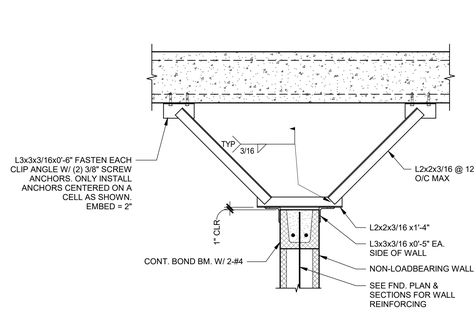
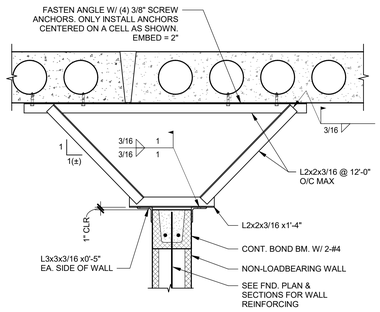


WALL PARALLEL

AT HOLLOW CORE



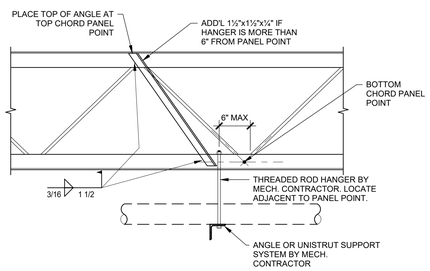
WALL PERPENDICULAR



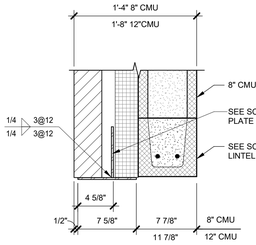
WALL PARALLEL

BELOW HOLLOW CORE

7 S-401 **HOLLOW CORE PENETRATION DETAIL**
SCALE: 3/8" = 1'-0"



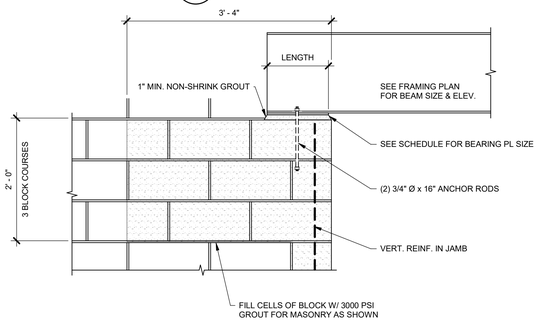
6 S-401 **FULL HEIGHT PARTITION WALL BRACING DETAIL**
SCALE: 1" = 1'-0"

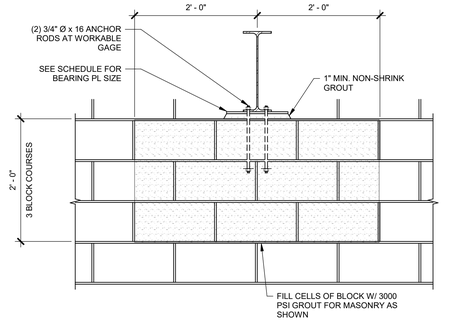


BEARING PLATE SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	REMARKS
PL1	7"	7"	3/4"	
PL2	11"	7"	1 1/4"	
PL3	18"	7"	2"	
PL4	11"	11"	3/4"	
PL5	11"	11"	1"	
PL6	20"	7"	2 1/4"	PROVIDE 3/8" FULL DEPTH STIFF. PL EA. SIDE @ BEAM END

5 S-401 **PARTITION WALL BRACING DETAIL**
SCALE: 1" = 1'-0"





4 S-401 **UTILITY SUPPORT DETAIL**
SCALE: 1" = 1'-0"

3 S-401 **LINTEL DETAIL @ BRICK**
SCALE: 1 1/2" = 1'-0"

2 S-401 **BEAM BEARING DETAIL**
SCALE: 1" = 1'-0"

1 S-401 **BEAM BEARING DETAIL**
SCALE: 1" = 1'-0"

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

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NORTH CAROLINA PROFESSIONAL SEAL 037412 ENGINEER TIMOTHY K. WILTON 6-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

FRAMING DETAILS

S-401

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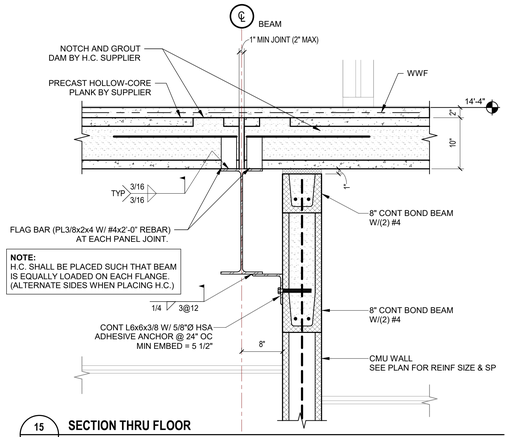
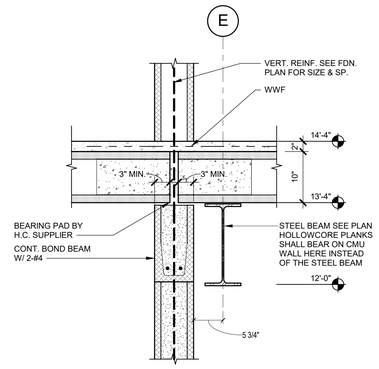


15 S-402 **SECTION THRU FLOOR**
SCALE: 1" = 1'-0"



14 S-402 **SECTION THRU FLOOR**
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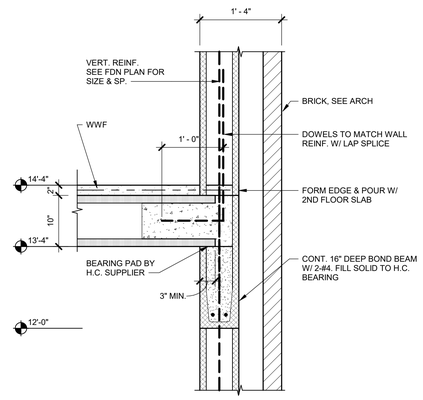

13 S-402 **SECTION THRU FLOOR**
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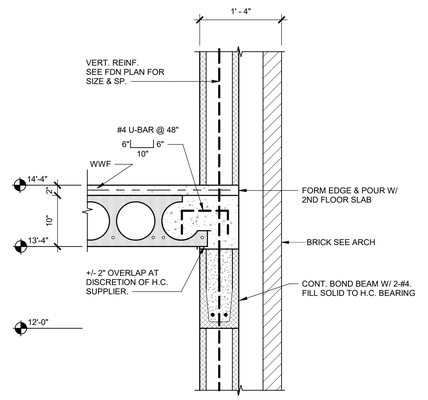
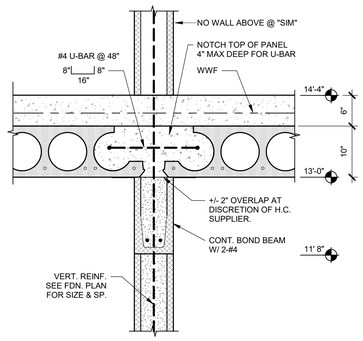


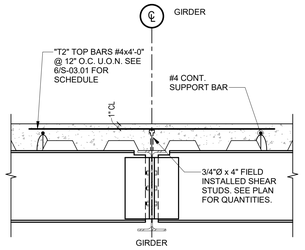
12 S-402 **SECTION THRU FLOOR**
SCALE: 1" = 1'-0"

SLAB TOP BAR SCHEDULE

MARK	SIZE & SP.	LENGTH	REMARK
T1	#4 @ 12"	3' - 6"	HOOK ONE END
T2	#4 @ 12"	4' - 0"	
T3	#4 @ 12"	3' - 0"	

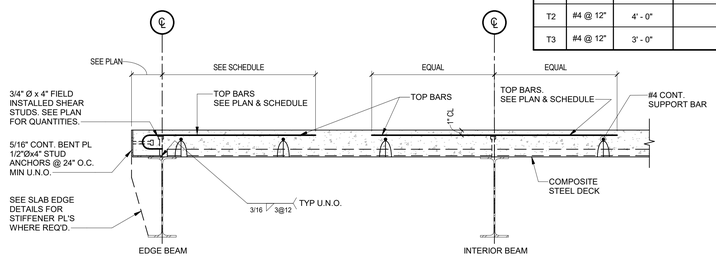


16 S-402 **SECTION THRU SHEAR WALL**
SCALE: 1" = 1'-0"



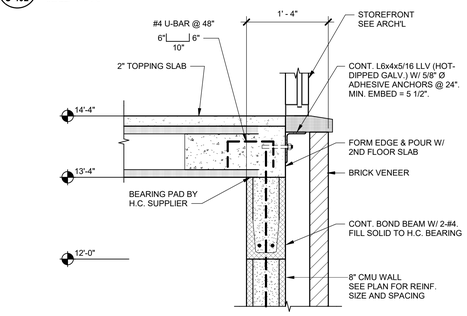
NOTES:
1. SEE PLAN FOR REINF.
2. DO NOT PAINT TOP SIDE OF TOP FLANGE OF BEAM.

11 S-402 **TYPICAL SECTION THRU GIRDER**
SCALE: 1" = 1'-0"



NOTES:
1. SEE PLAN FOR REINF.
2. DO NOT PAINT TOP SIDE OF TOP FLANGE OF BEAM.

10 S-402 **COMPOSITE BEAM DETAIL**
SCALE: 1" = 1'-0"



9 S-402 **SECTION THRU FLOOR**
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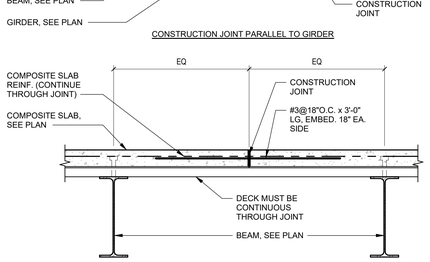
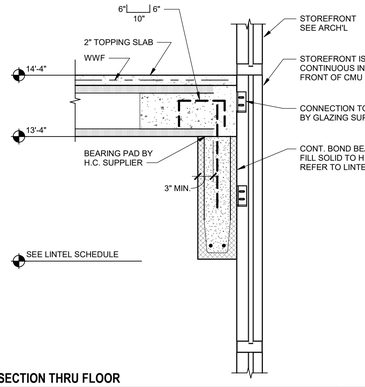


NOTE:
CONTRACTOR SHALL SUBMIT LOCATIONS OF ALL CONSTRUCTION JOINTS FOR APPROVAL PRIOR TO CONSTRUCTION AND FABRICATION.

8 S-402 **TYPICAL CONSTRUCTION JOINTS IN COMPOSITE DECK**
SCALE: 1" = 1'-0"



7 S-402 **SECTION THRU FLOOR**
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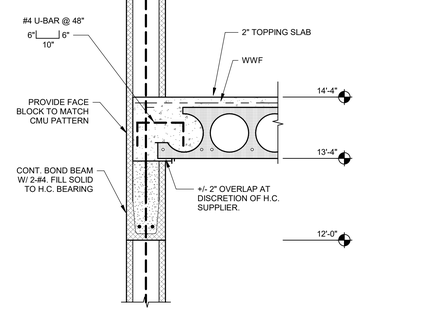

6 S-402 **SECTION THRU FLOOR**
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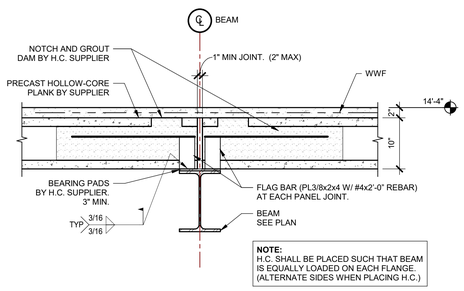

5 S-402 **HOLLOW-CORE DETAIL**
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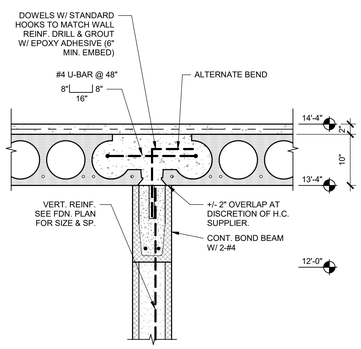
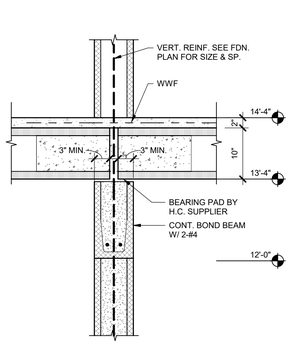


4 S-402 **SECTION THRU SHEAR WALL**
SCALE: 1" = 1'-0"



3 S-402 **SECTION THRU FLOOR**
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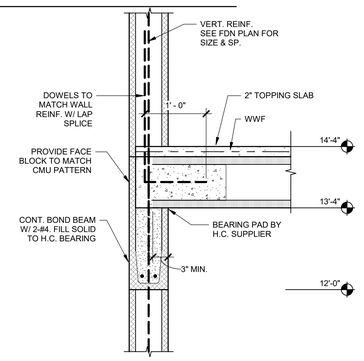

2 S-402 **SECTION THRU FLOOR**
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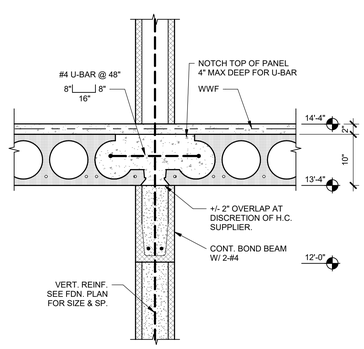

1 S-402 **SECTION THRU SHEAR WALL**
SCALE: 1" = 1'-0"

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NORTH CAROLINA REGISTERED PROFESSIONAL SEAL 037412 ENGINEER TIMOTHY K. WILTON 6-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

FRAMING DETAILS

S-402

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Autodesk Docs://Pamlico High School 6-12/23.08.034 - SfLa - Pamlico County 6-12 School_R23.rvt
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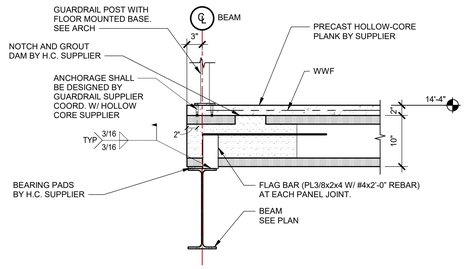
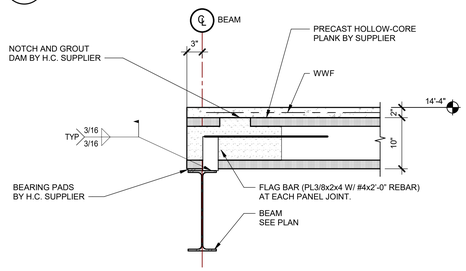


12 S-403 HOLLOW-CORE DETAIL
SCALE: 1" = 1'-0"



11 S-403 HOLLOW-CORE DETAIL
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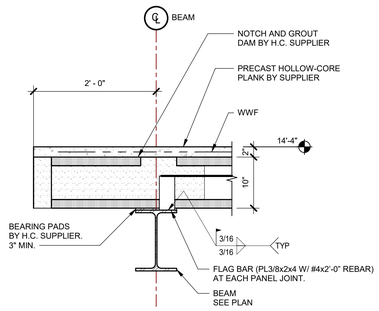

8 S-403 HOLLOW-CORE DETAIL
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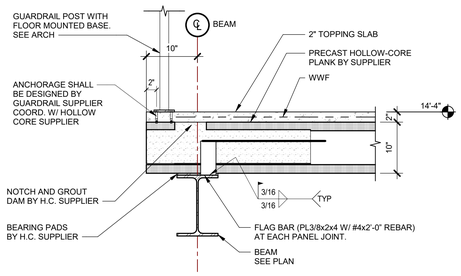
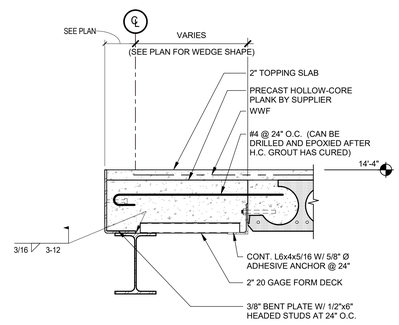
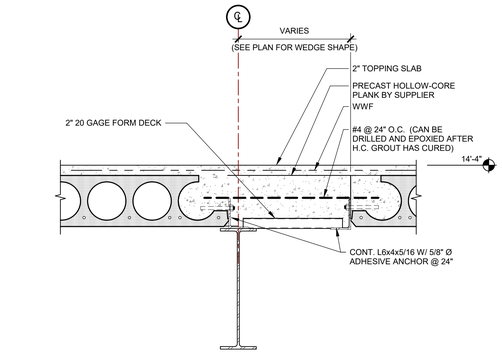


5 S-403 DETAIL AT HANDRAIL
SCALE: 1" = 1'-0"



4 S-403 DETAIL AT CAST-IN-PLACE INFILL
SCALE: 1" = 1'-0"



13 S-403 DETAIL AT CAST-IN-PLACE INFILL
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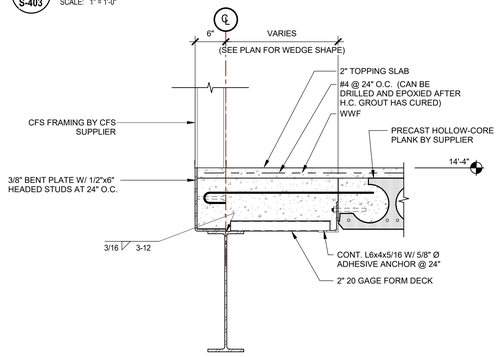

10 S-403 DETAIL AT CAST-IN-PLACE INFILL
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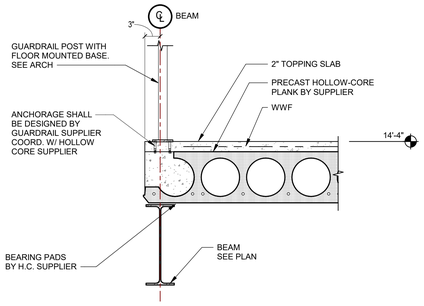

7 S-403 DETAIL AT HANDRAIL
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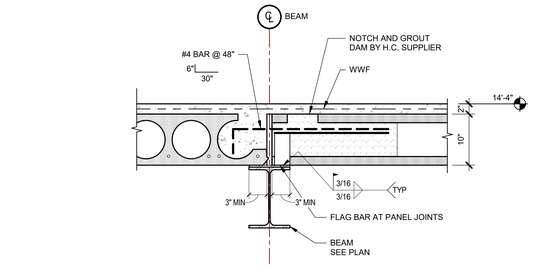

14 S-403 HOLLOW-CORE DETAIL
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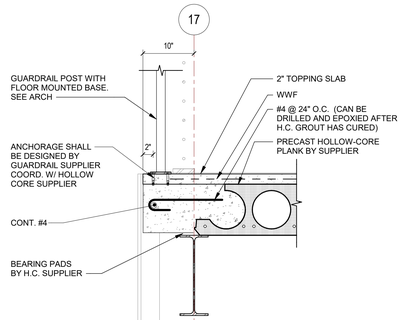

9 S-403 DETAIL AT HANDRAIL
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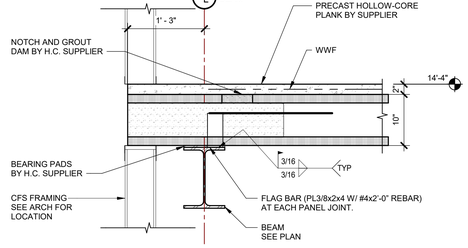

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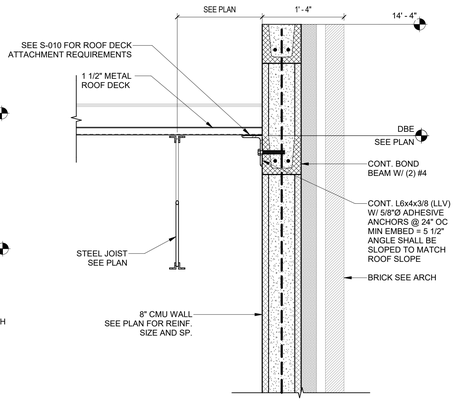
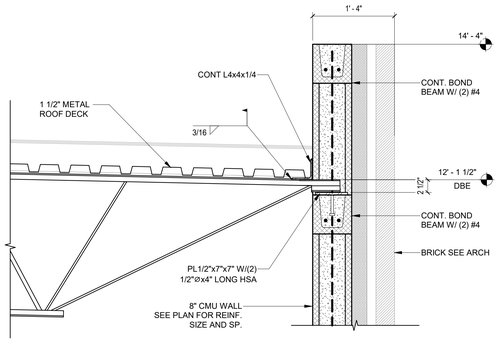


2 S-403 SECTION THRU LOW ROOF
SCALE: 1" = 1'-0"



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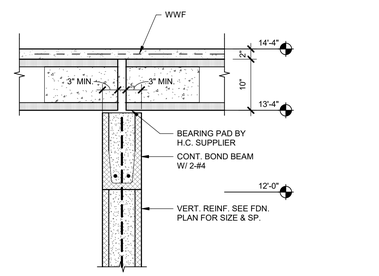
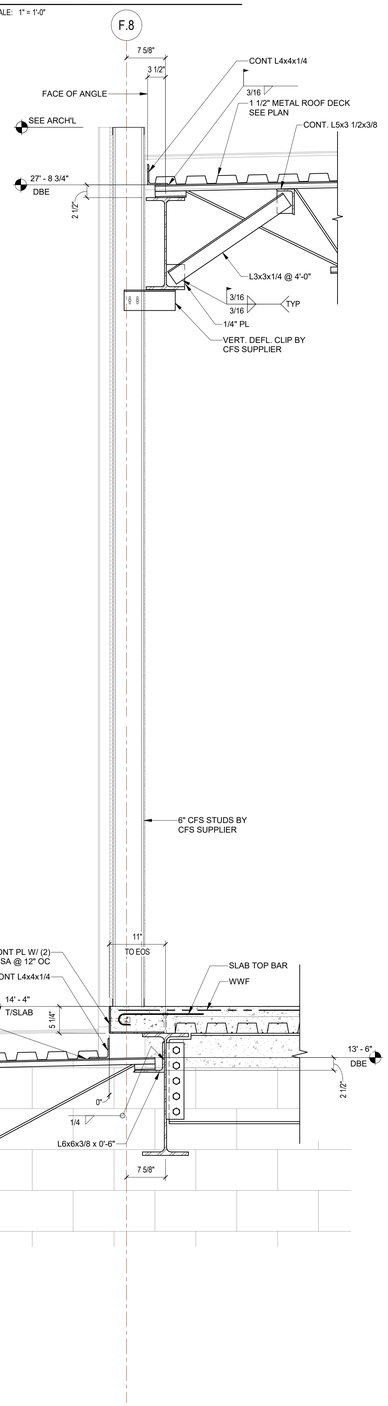


15 S-403 SECTION THRU FLOOR
SCALE: 1" = 1'-0"



1 S-403 SECTION THRU MECHANICAL MEZZANINE
SCALE: 1" = 1'-0"

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
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ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
DRAWN BY: AS
CHECKED BY: TH

FRAMING DETAILS

S-403

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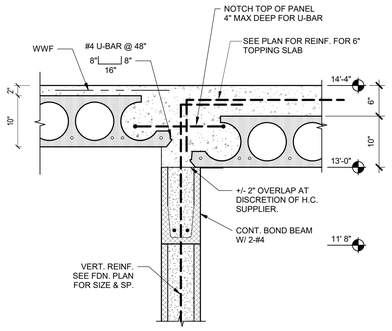
6/10/2024 6:16:38 PM Autodesk Docs://Pamlico High School 6-12/23.08.034 - SfLa - Pamlico County 6-12 School_R23.rvt



10 / S-404 SECTION THRU SHEAR WALL
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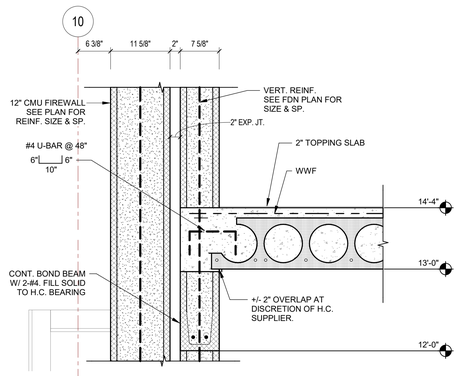
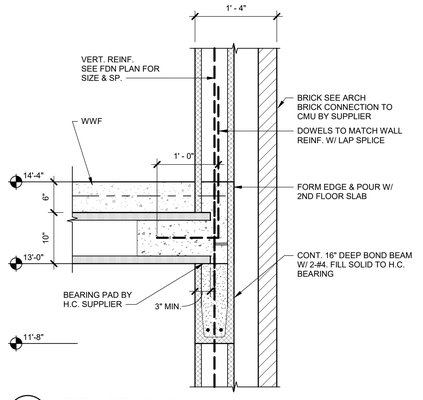


9 / S-404 SECTION THRU FIREWALL
SCALE: 1" = 1'-0"



11 / S-404 SECTION THRU FLOOR
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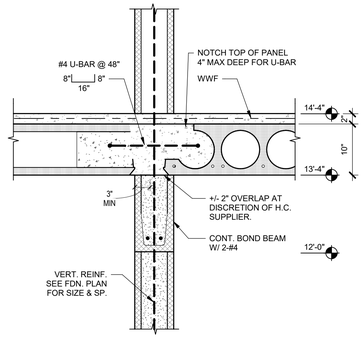

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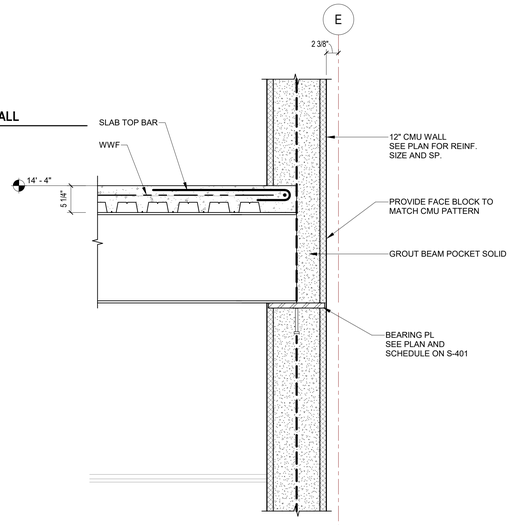

8 / S-404 SECTION THRU MECHANICAL MEZZANINE
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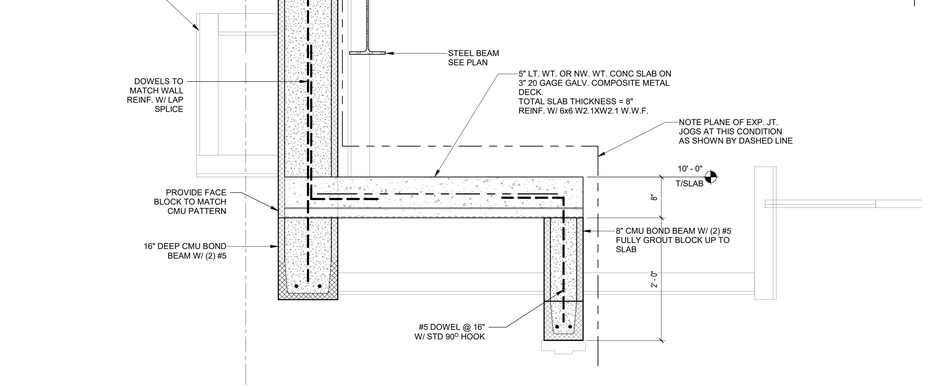
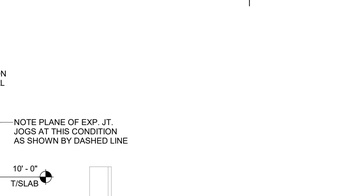
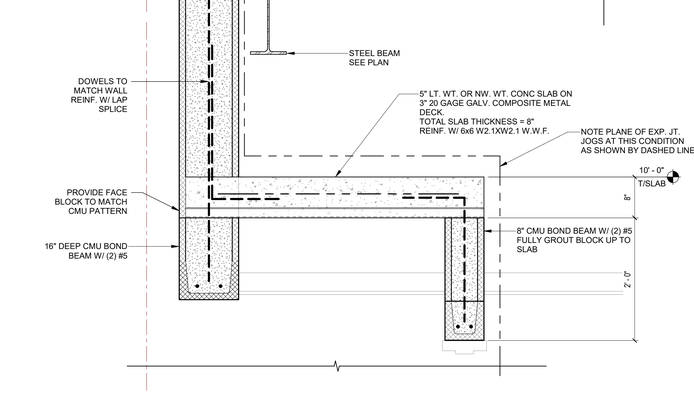


7 / S-404 SECTION THRU FIREWALL ALCOVE
SCALE: 1" = 1'-0"





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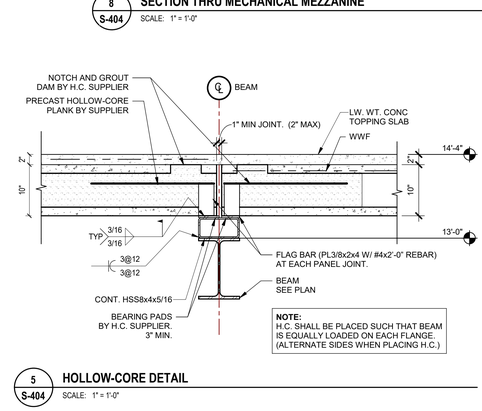
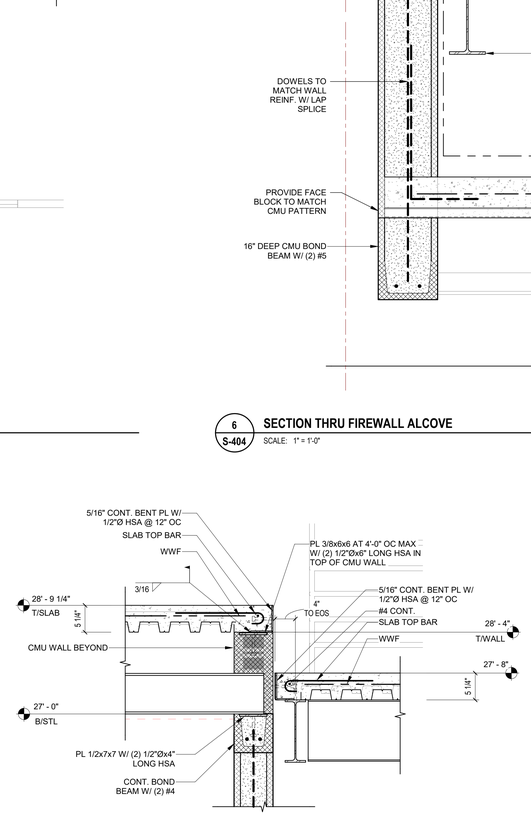
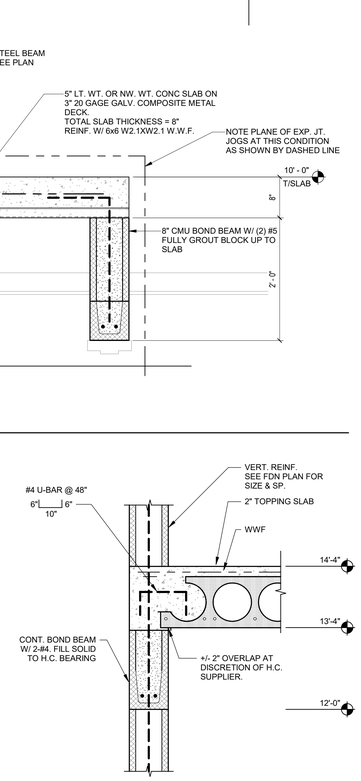


4 / S-404 HOLLOW-CORE DETAIL
SCALE: 1" = 1'-0"



3 / S-404 SECTION THRU ELEVATOR SHAFT
SCALE: 1" = 1'-0"



2 / S-404 SECTION THRU ELEVATOR SHAFT
SCALE: 1" = 1'-0"

1 / S-404 SECTION THRU ELEVATOR SHAFT
SCALE: 1" = 1'-0"

5 / S-404 HOLLOW-CORE DETAIL
SCALE: 1" = 1'-0"

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CHECKED BY: TH

FRAMING DETAILS

S-404

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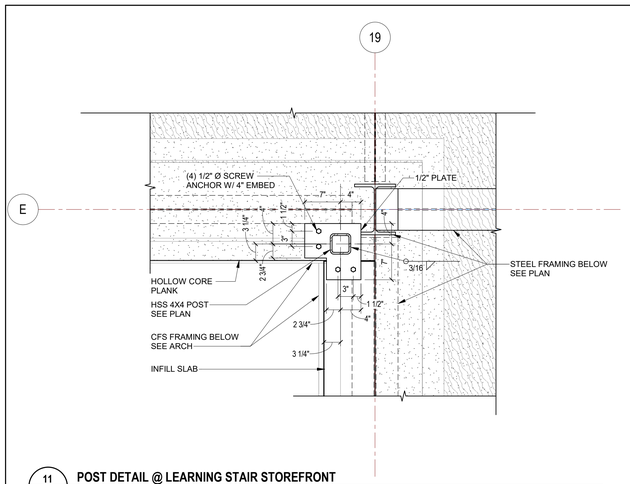
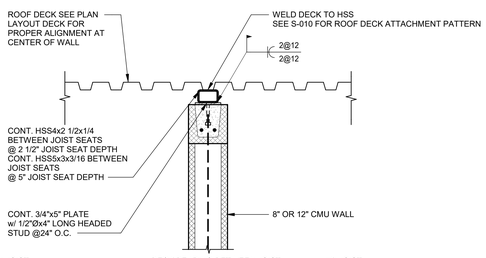
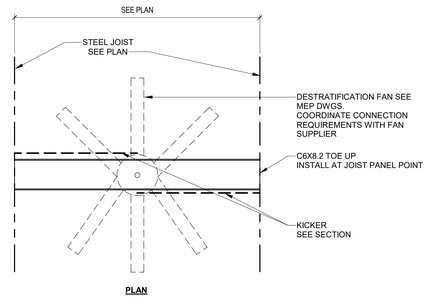


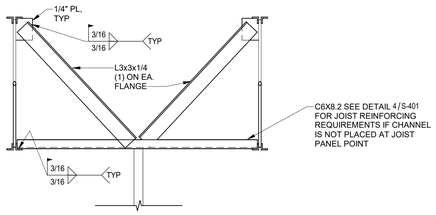
11 S-405 POST DETAIL @ LEARNING STAIR STOREFRONT

SCALE: 1" = 1'-0"





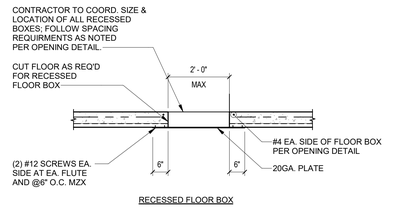
PLAN



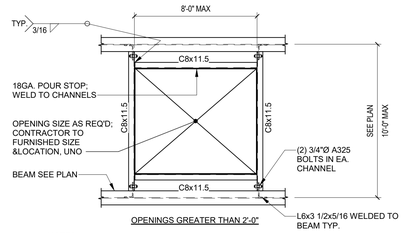
SECTION

10 S-405 DESTRATIFICATION FAN SUPPORT DETAIL

SCALE: 1" = 1'-0"

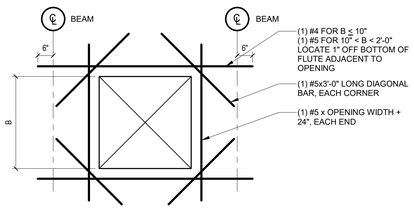


RECESSED FLOOR BOX

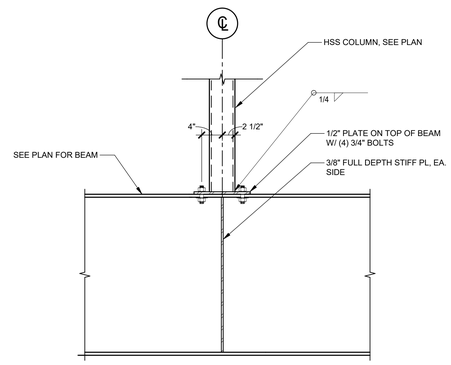


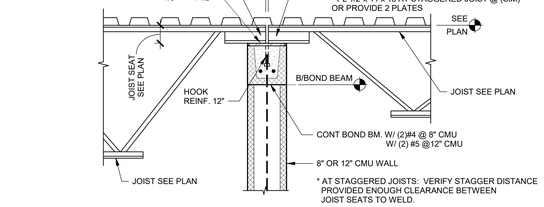
OPENINGS GREATER THAN 2'-0"

NOTES:
1. PROVIDE REINFORCING AROUND ALL DUCT PENETRATIONS, CHASES, ELECTRICAL BOXES PLUMBING PIPES , AND OTHER OPENINGS IN SLABS. FOR OPENING LARGER 2'-0"x2'-0".
2. OPENING THAT ARE SPACED CLOSER THAN (2) TIMES THE OPENING SIZE SHALL BE CONSIDERED ONE OPENING.
3. MINIMUM CLEAR DISTANCE BETWEEN OPENING IS 1'-0"
4. OPENINGS GREATER THAN 2'-0" NOT SHOWN ON STRUCTURAL DWGS. REQUIRE APPROVAL FROM THE ENGINEER OF RECORD.



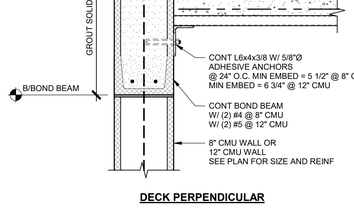
NOTES:
1. PROVIDE REINFORCING AROUND ALL DUCT PENETRATIONS, CHASES, ELECTRICAL BOXES PLUMBING PIPES , AND OTHER OPENINGS IN SLABS, FOR OPENING FROM 10"x10" (OR 10"Ø) TO 4'-0"x4'-0" (OR 24"Ø).
2. MINIMUM CLEAR DISTANCE BETWEEN OPENING IS 2'-0"
3. ALL OPENINGS 10" TO 2'-0" MAY NOT BE SHOWN ON STRUCTURAL DWGS.
4. OPENINGS GREATER THAN 2'-0" NOT SHOWN ON STRUCTURAL DWGS. REQUIRE APPROVAL FROM THE ENGINEER OF RECORD.
5. OPENING FOR DUCT
   1. RUN DECK THRU OPENING AREA
   2. FORM OPENING
   3. POUR SLAB
   4. CUT DECK OUT AFTER CONCRETE HAS ATTAINED DESIGN STRENGTH.



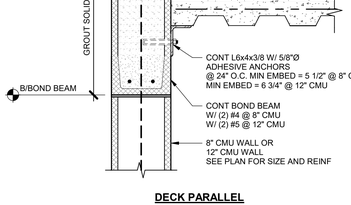


9 S-405 JOIST BEARING DETAIL @ ROOF

SCALE: 1" = 1'-0"



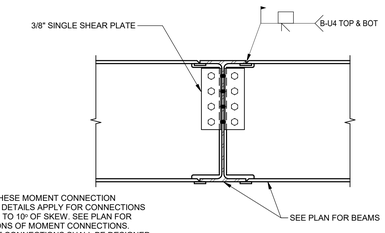
DECK PERPENDICULAR



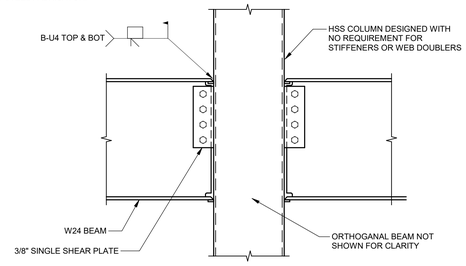
DECK PARALLEL

8 S-405 TYPICAL COMPOSITE SLAB SUPPORT @ CMU WALL

SCALE: 1" = 1'-0"



NOTE: THESE MOMENT CONNECTION TYPICAL DETAILS APPLY FOR CONNECTIONS WITH UP TO 10º OF SKEW. SEE PLAN FOR LOCATIONS OF MOMENT CONNECTIONS. MOMENT CONNECTIONS SHALL BE DESIGNED BY STEEL FABRICATOR.



5 S-405 TYPICAL MOMENT CONNECTION

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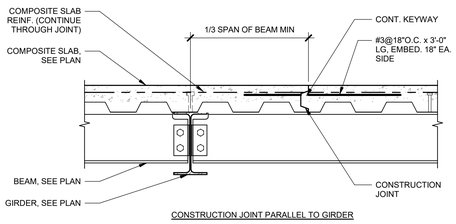
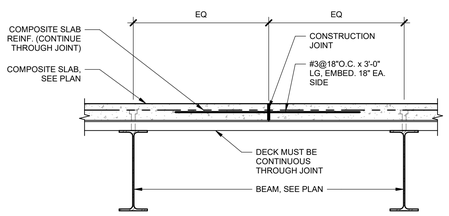


CONSTRUCTION JOINT PARALLEL TO GIRDER

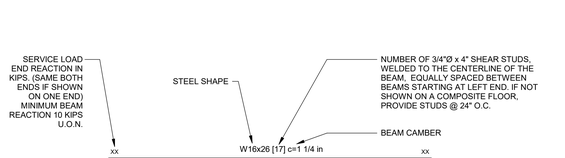


CONSTRUCTION JOINT PARALLEL TO INFILL BEAMS

NOTE: CONTRACTOR SHALL SUBMIT LOCATIONS OF ALL CONSTRUCTION JOINTS FOR APPROVAL PRIOR TO CONSTRUCTION AND FABRICATION.

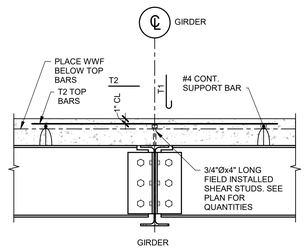
4 S-405 TYPICAL CONSTRUCTION JOINTS IN COMPOSITE DECK

SCALE: 1" = 1'-0"



3 S-405 COMPOSITE BEAM LEGEND

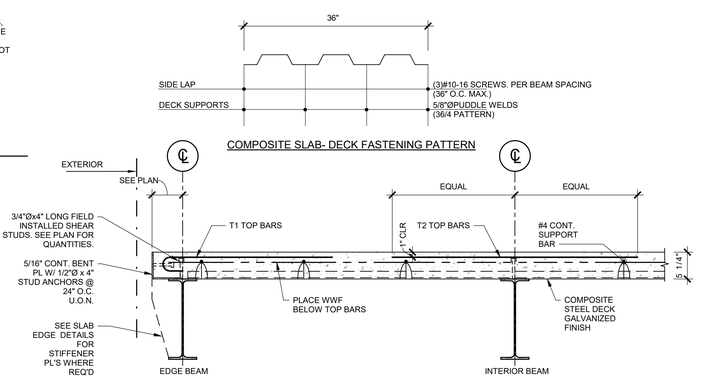
SCALE: 1 1/2" = 1'-0"



NOTES:
1. DO NOT PAINT TOP SIDE OF TOP FLANGE OF BEAM.

2 S-405 TYP. COMPOSITE GIRDER DETAIL

SCALE: 1" = 1'-0"



NOTES:
1. DO NOT PAINT TOP SIDE OF TOP FLANGE OF BEAM.
2. COMPOSITE SLABS HAVE BEEN DESIGNED AS "UNSHORED" CONSTRUCTION.
3. DECK SHALL BE CONTINUOUS OVER 2 OR MORE SPANS. TYP.
4. CONCRETE OVERAGES IN ELEVATED DECK POURS. MAYBE CALCULATED BY THE CONTRACTOR FOR BEAM DEFLECTIONS L/300 ADDITIONAL DEFLECTIONS DUE TO DECK DEFLECTIONS PER SDI SHOULD BE INCLUDED.

1 S-405 TYP. COMPOSITE BEAM AND SLAB DETAIL

SCALE: 1" = 1'-0"

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CHECKED BY: TH

STEEL FRAMING DETAILS

S-405

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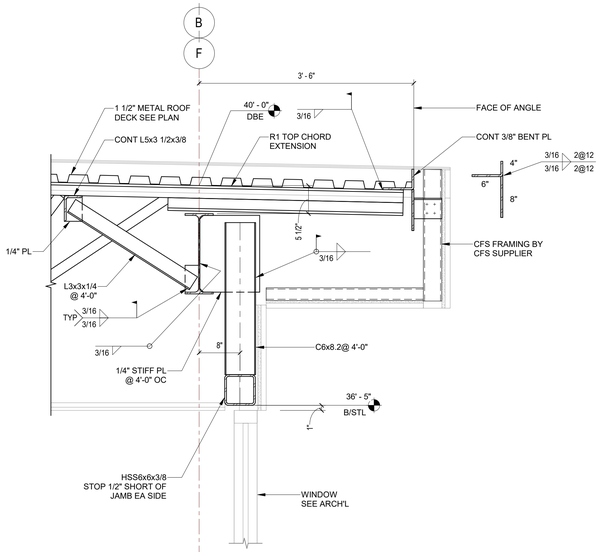
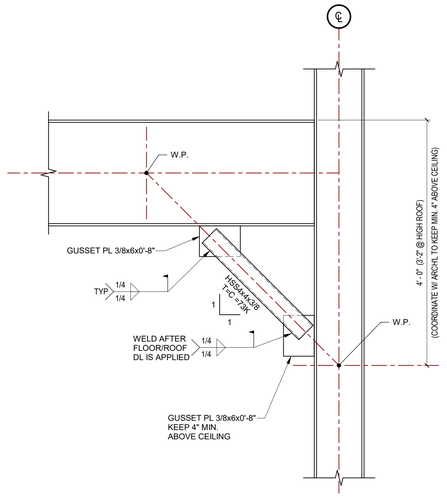
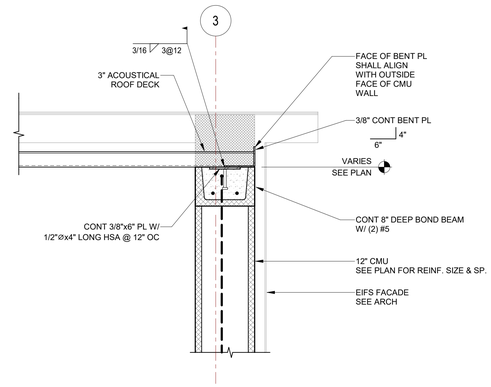
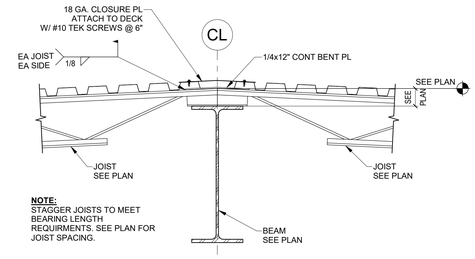




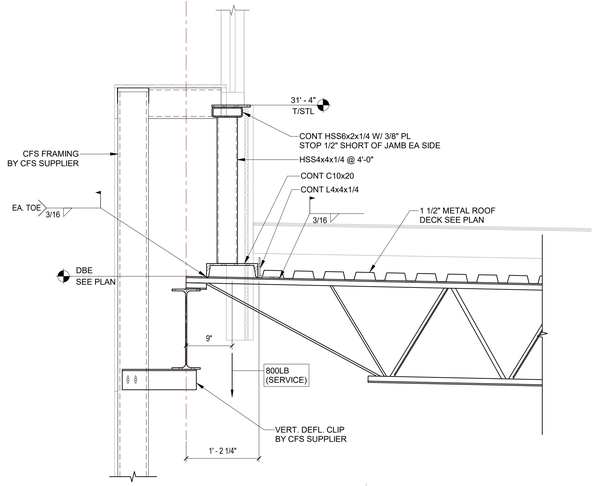


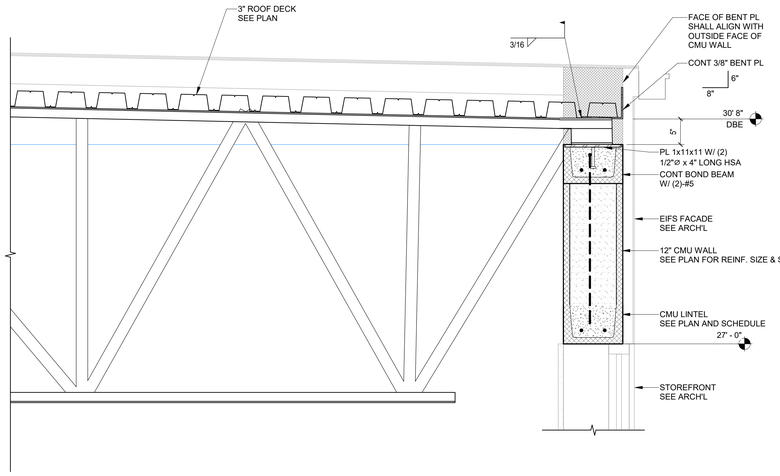


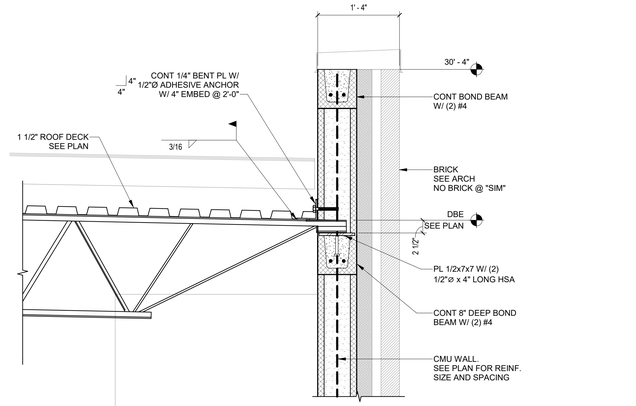
10 S-406 **KNEE BRACE DETAIL**
SCALE: 1" = 1'-0"

9 S-406 **ROOF DETAIL**
SCALE: 1" = 1'-0"

8 S-406 **ROOF RIDGE DETAIL**
SCALE: 1" = 1'-0"



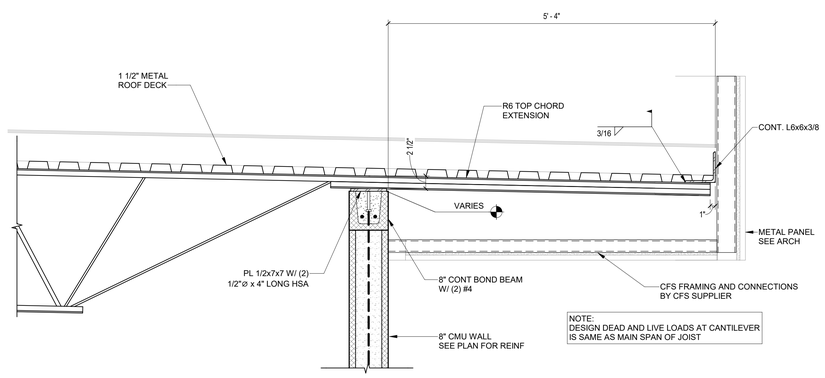


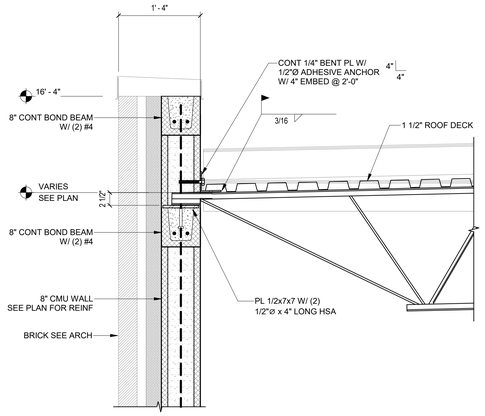


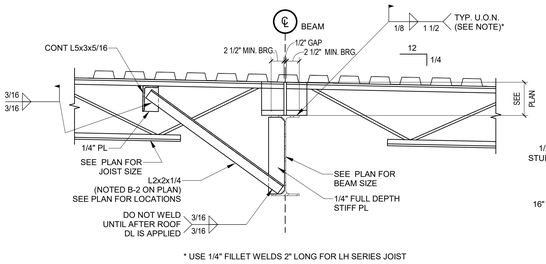
7 S-406 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

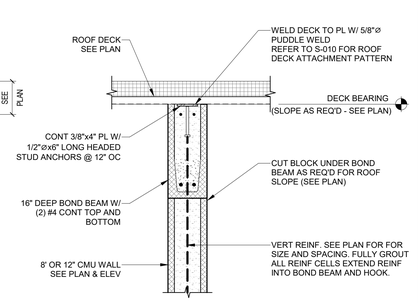
6 S-406 **SECTION AT GYM ROOF**
SCALE: 1" = 1'-0"

5 S-406 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"









4 S-406 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

3 S-406 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

2 S-406 **TYPICAL JOIST BEARING DETAIL - INTERIOR**
SCALE: 1" = 1'-0"

1 S-406 **SHEAR WALL CONNECTION TO ROOF DECK**
SCALE: 1" = 1'-0"

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CONSTRUCTION DOCUMENTS

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ENERGY STAR PARTNER

No.	Date	Description
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ROOF FRAMING DETAILS

S-406

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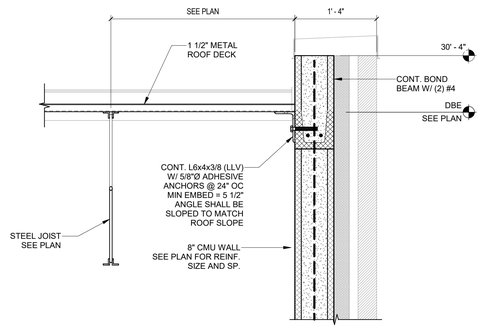

7 S-407 **SECTION THRU ROOF**
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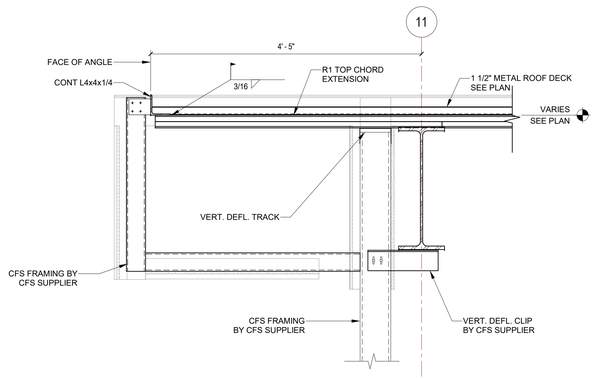
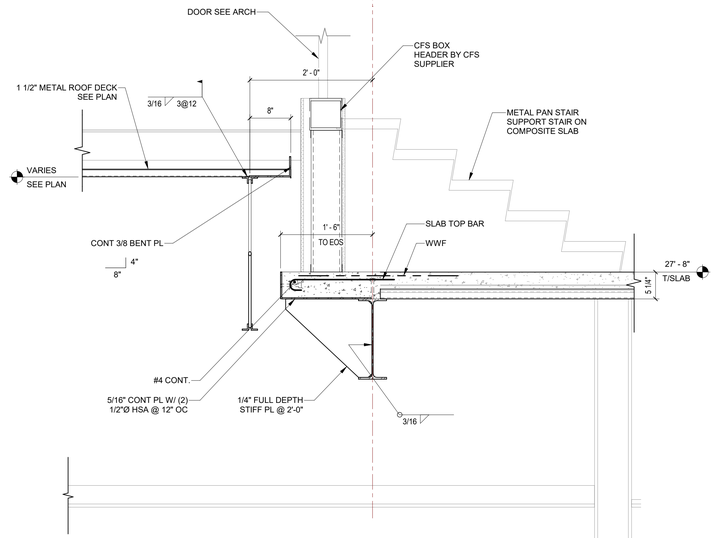
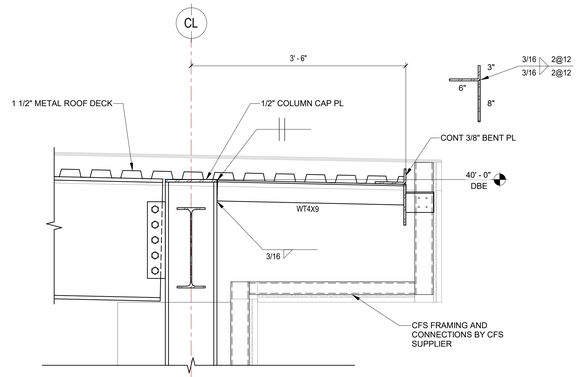
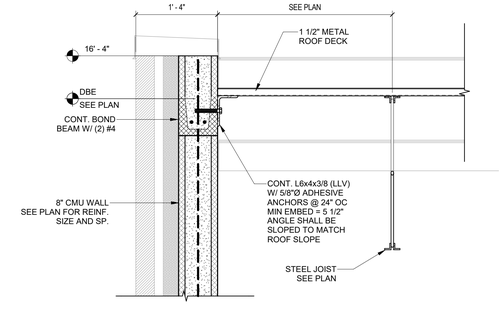




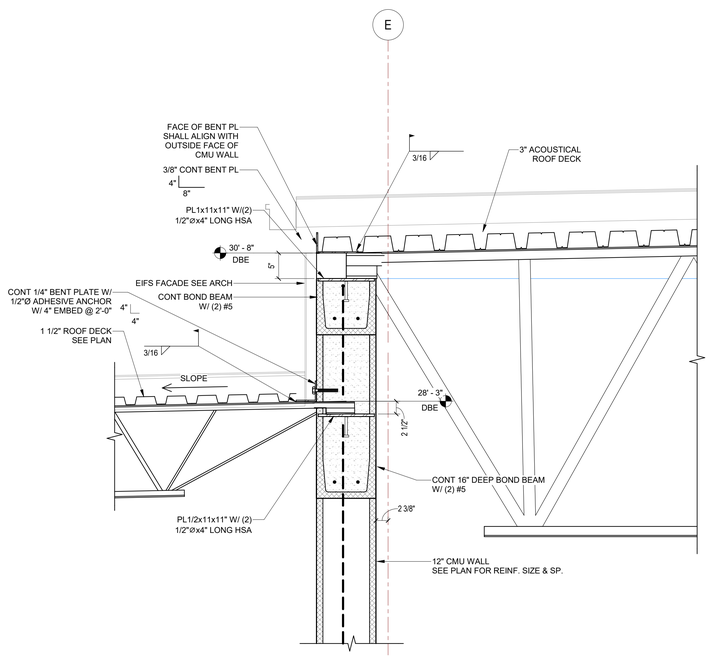


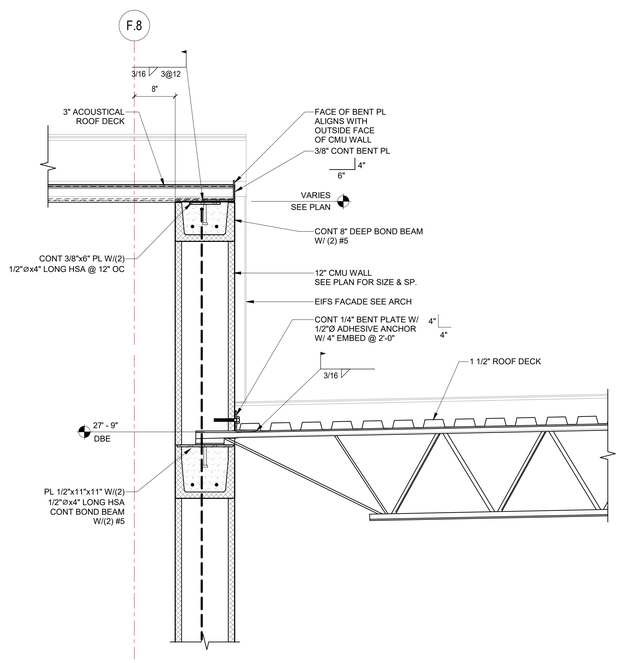


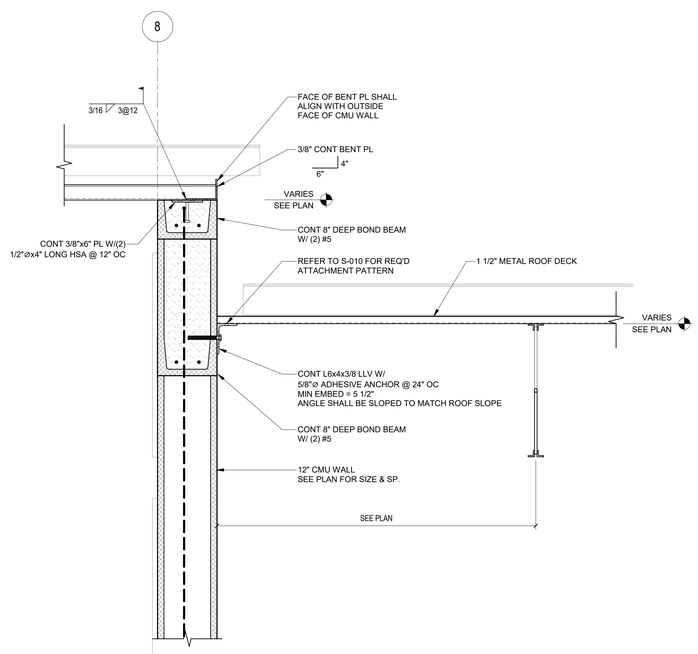
6 S-407 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

5 S-407 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

4 S-407 **SECTION THRU CLERESTORY ROOF**
SCALE: 1" = 1'-0"







3 S-407 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

2 S-407 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

1 S-407 **SECTION THRU ROOF**
SCALE: 1" = 1'-0"

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ENERGY STAR PARTNER

No.	Date	Description
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PROJECT #: 23.08.034
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CHECKED BY: TH

ROOF FRAMING DETAILS

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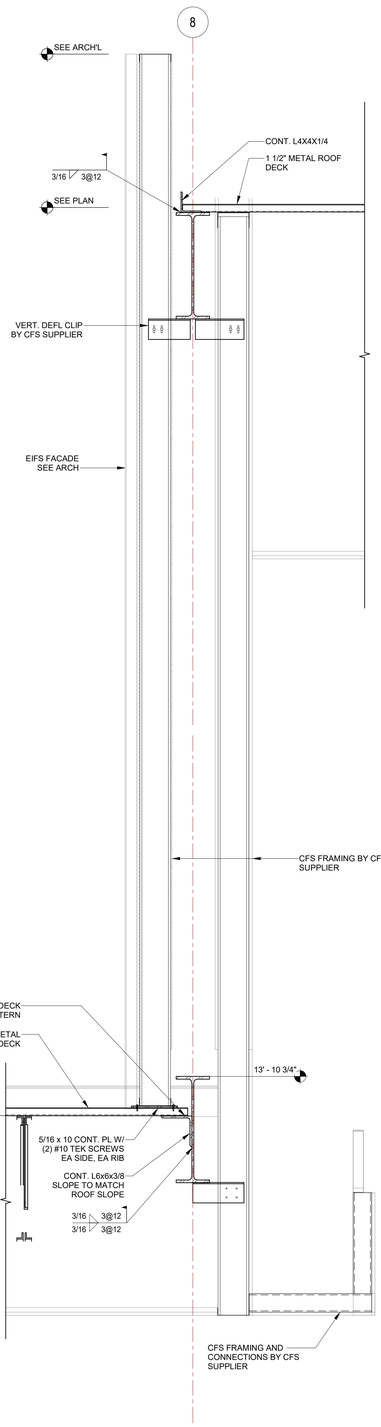

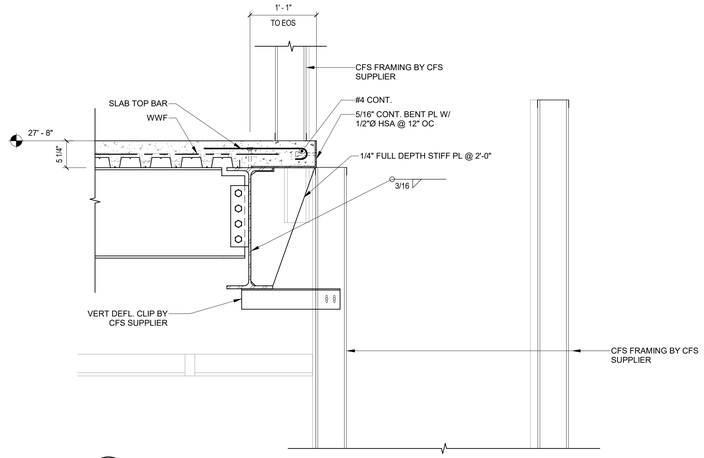

7 S-408 **DETAIL**
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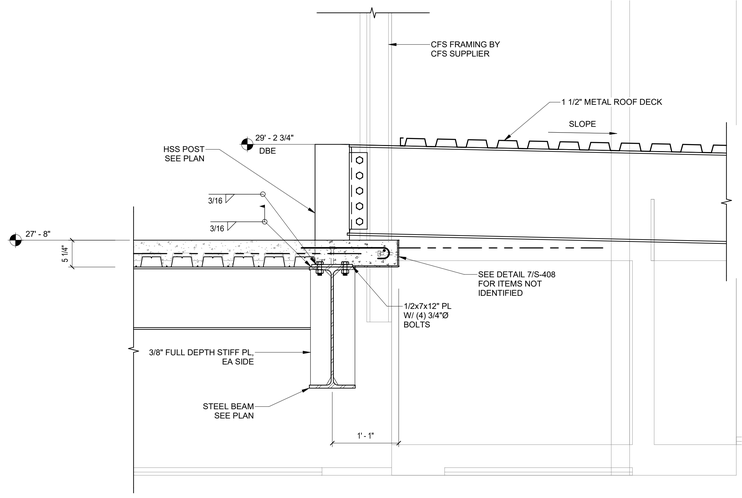
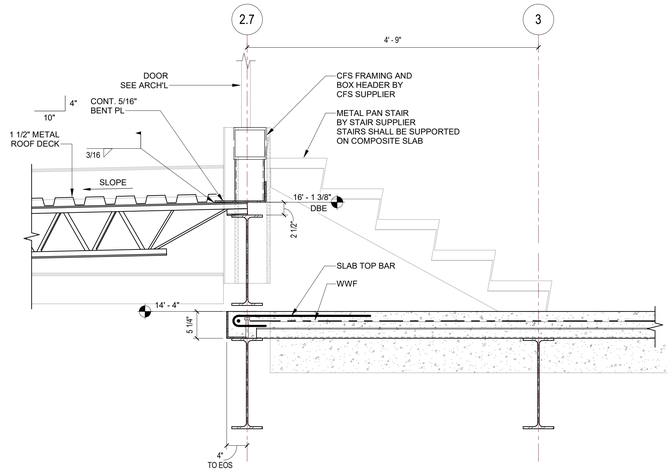
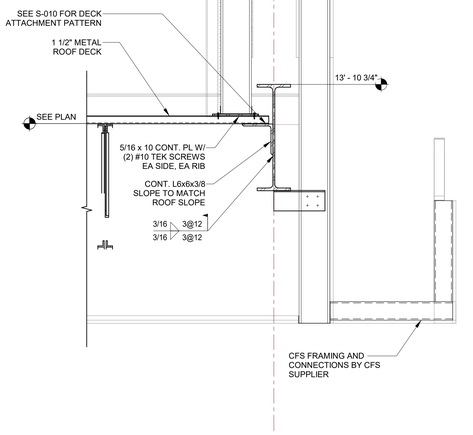


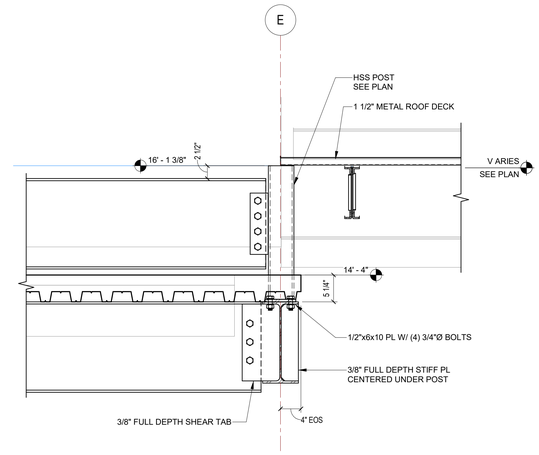


5 S-408 **FRAMING DETAIL**
SCALE: 1" = 1'-0"

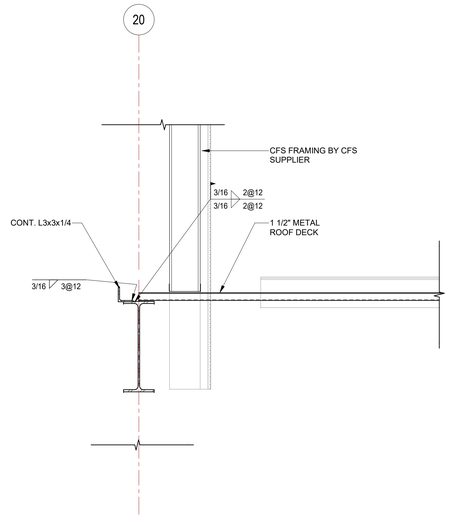
6 S-408 **ROOF FRAMING DETAIL**
SCALE: 1" = 1'-0"



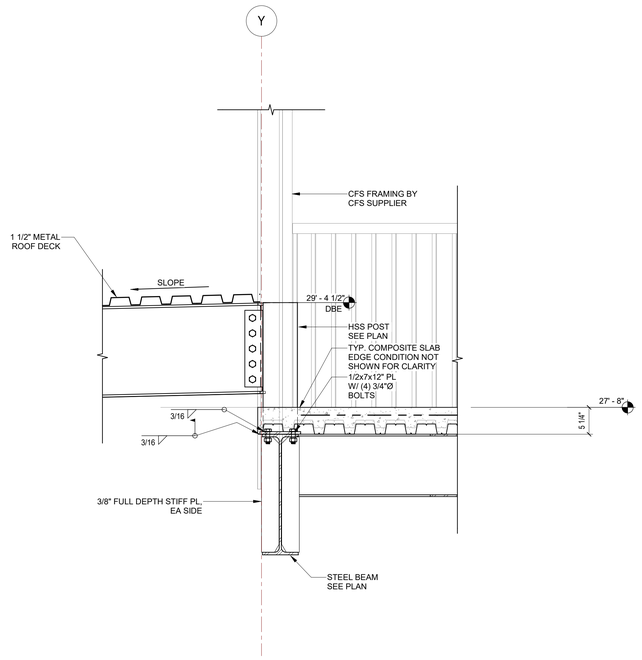
4 S-408 **ROOF FRAMING DETAIL**
SCALE: 1" = 1'-0"



3 S-408 **ROOF FRAMING DETAIL**
SCALE: 1" = 1'-0"



2 S-408 **ROOF FRAMING DETAIL**
SCALE: 1" = 1'-0"



1 S-408 **ROOF FRAMING DETAIL**
SCALE: 1" = 1'-0"

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ROOF FRAMING DETAILS

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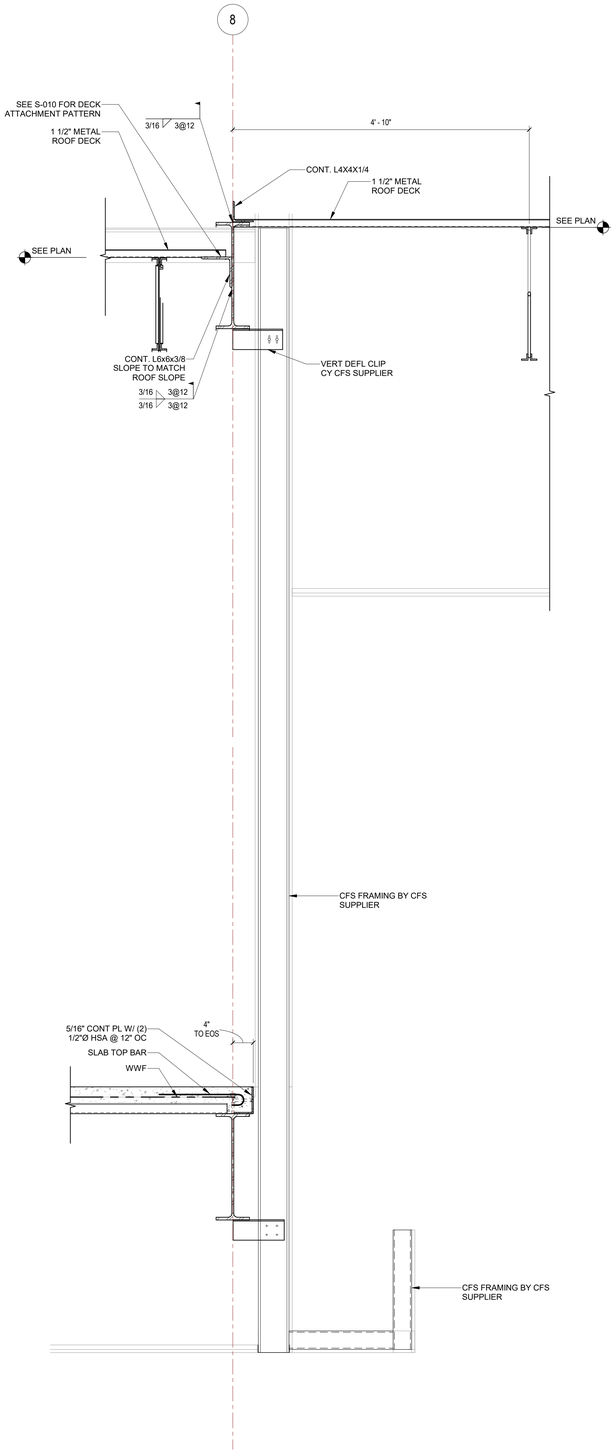

3 S-409 **WALL SECTION**
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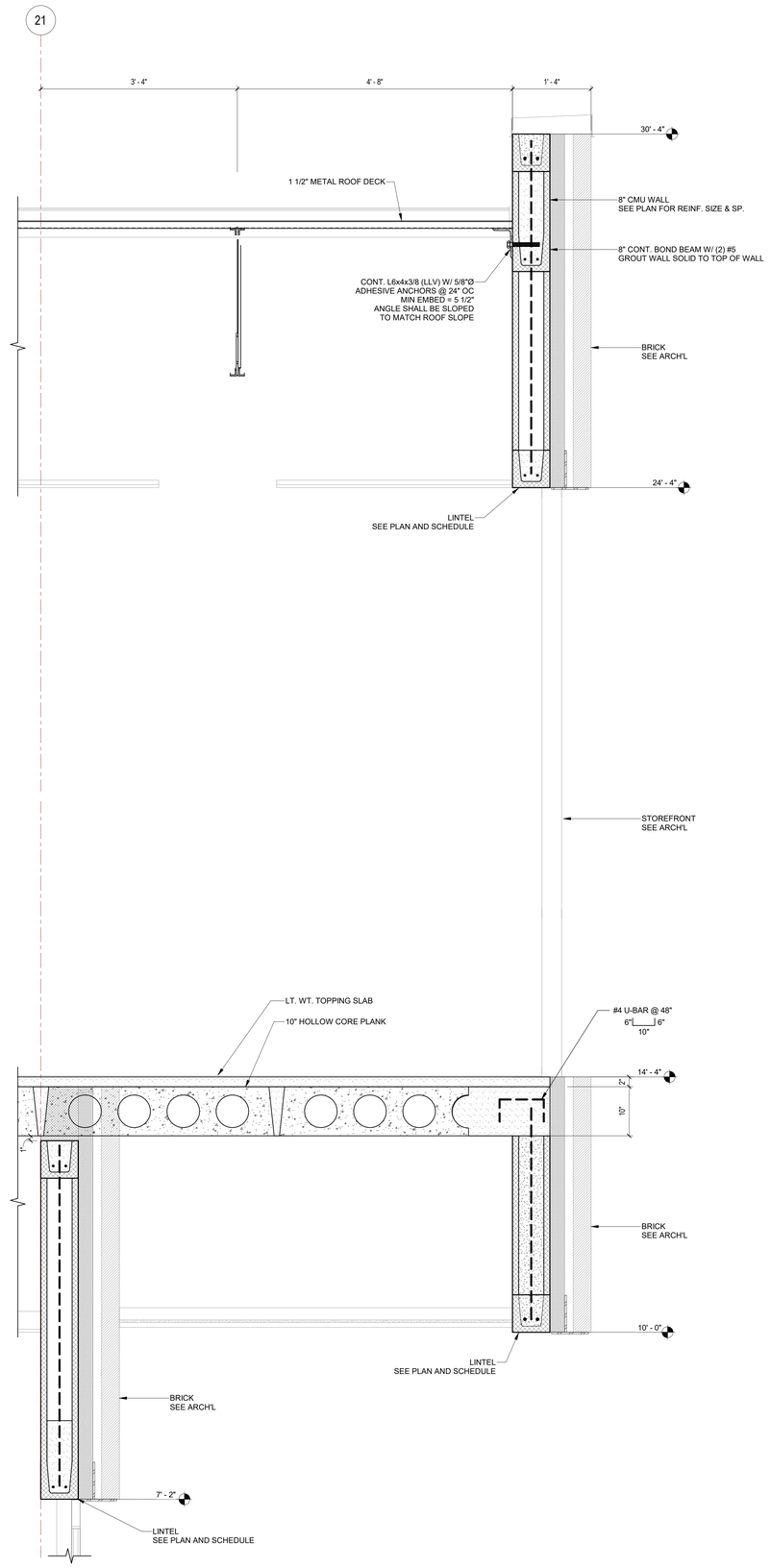

2 S-409 **WALL SECTION**
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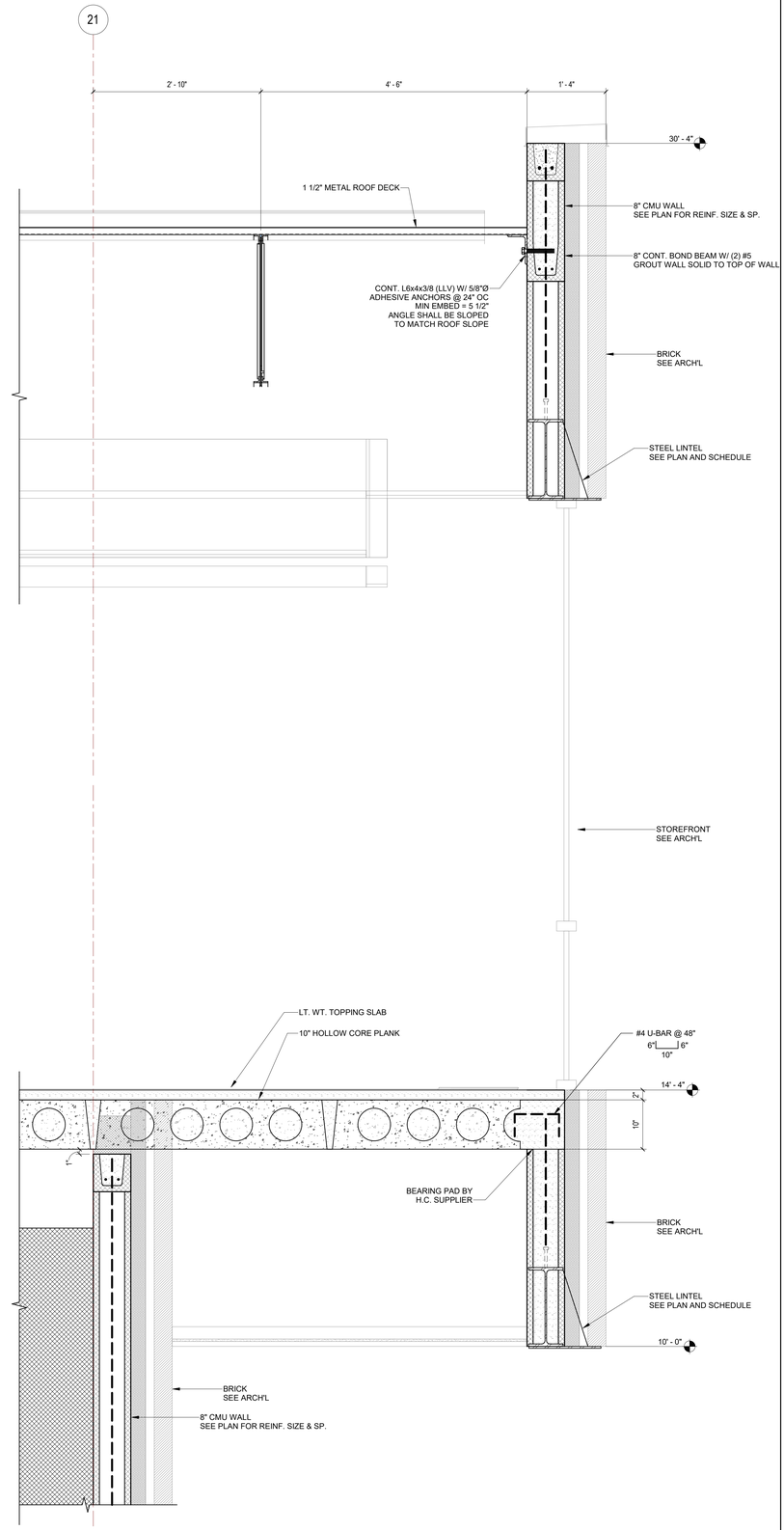

1 S-409 **WALL SECTION**
SCALE: 1" = 1'-0"

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PROFESSIONAL
037412
ENGINEER
TIMOTHY K. WILTON
6-12-24

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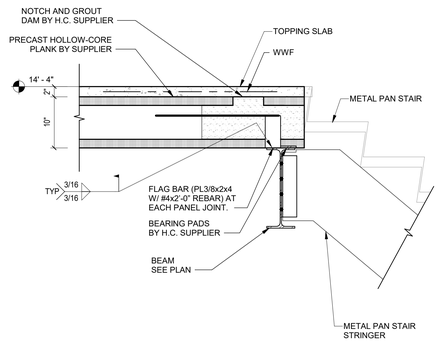
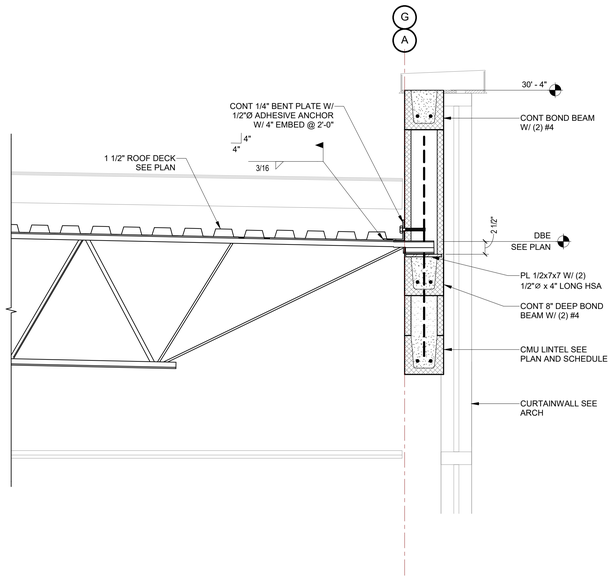
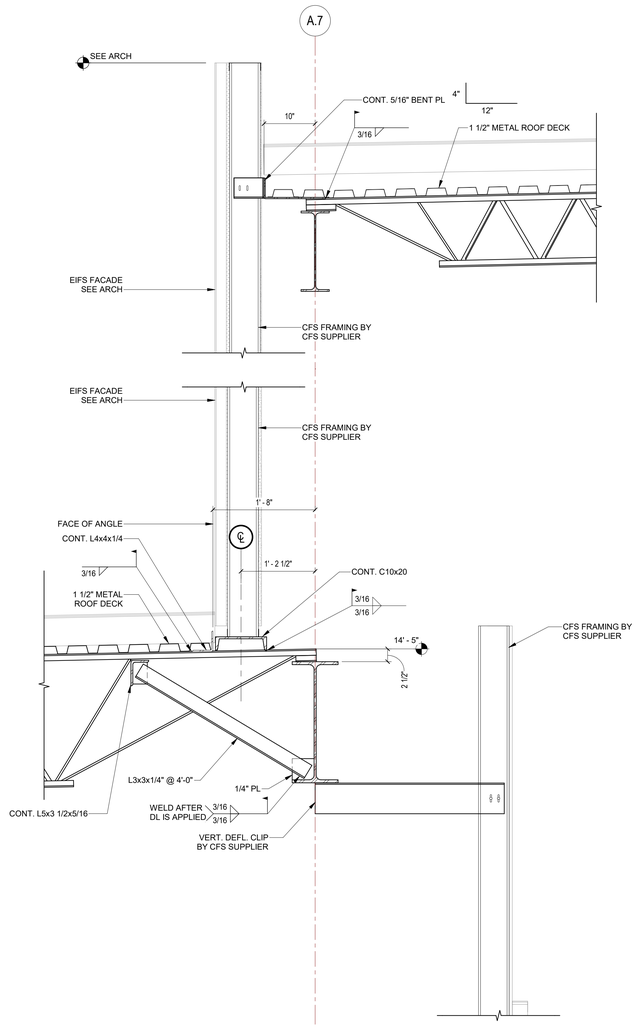


8 S-410 **SECTION AT STAIR**
SCALE: 1" = 1'-0"



6 S-410 **ROOF FRAMING DETAIL**
SCALE: 1" = 1'-0"



5 S-410 **ROOF SECTION**
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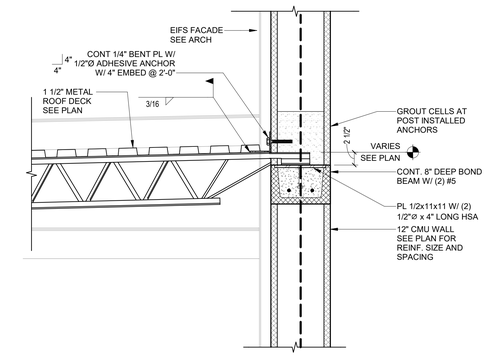

7 S-410 **WALL SECTION**
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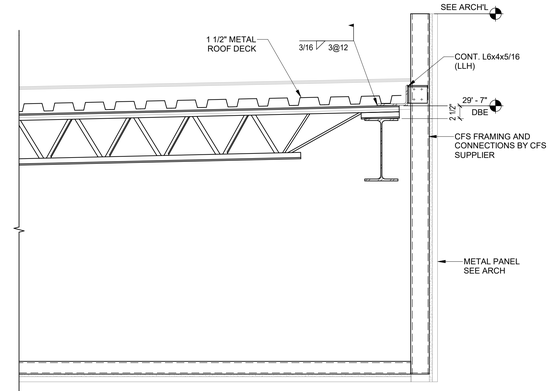

4 S-410 **ROOF SECTION**
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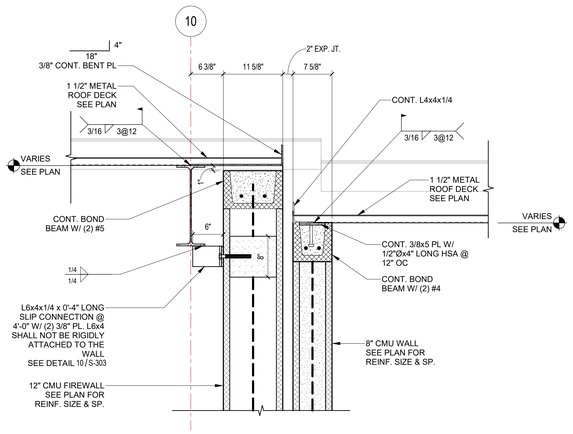

3 S-410 **ROOF SECTION**
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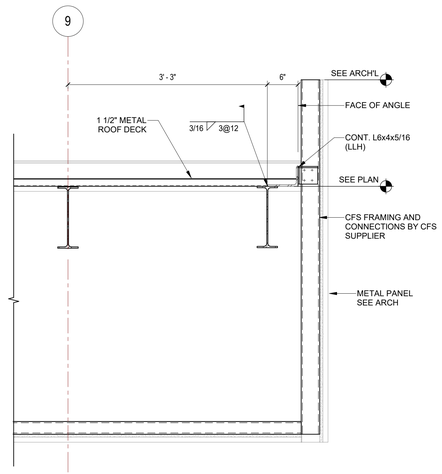

2 S-410 **ROOF SECTION**
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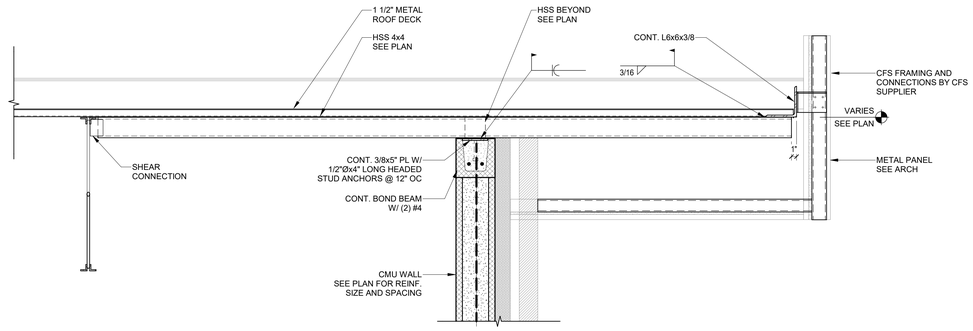

1 S-410 **LOW ROOF SECTION**
SCALE: 1" = 1'-0"

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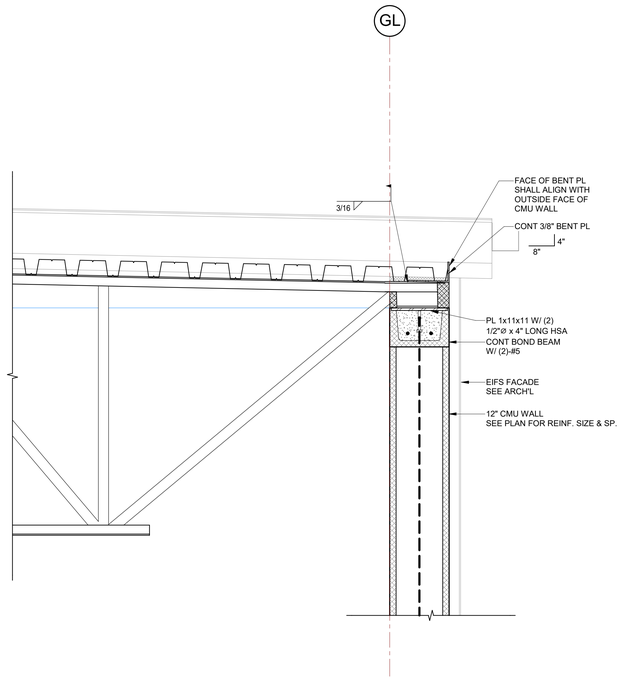
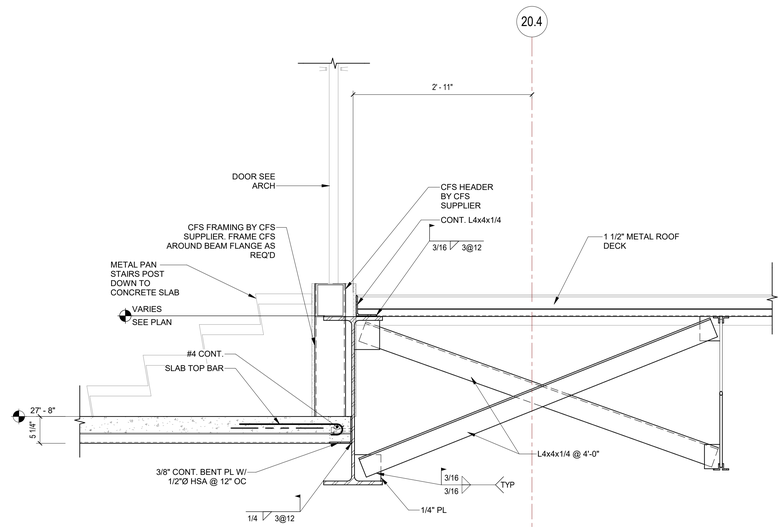


6 S-411 FRAMING DETAIL

SCALE: 1" = 1'-0"



5 S-411 FRAMING DETAIL

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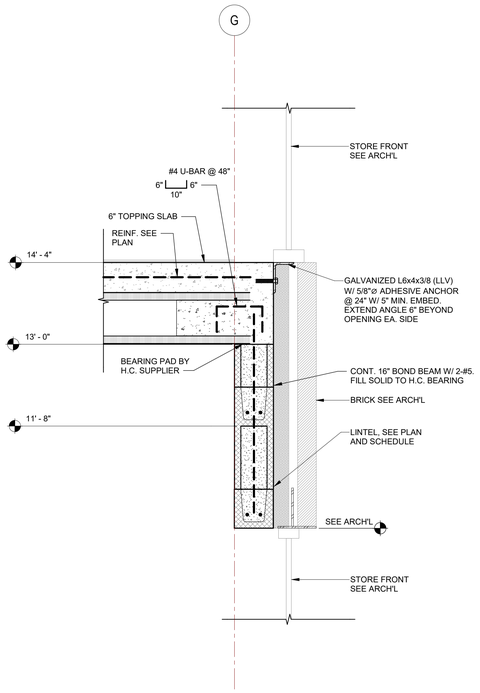

4 S-411 SECTION THRU FLOOR

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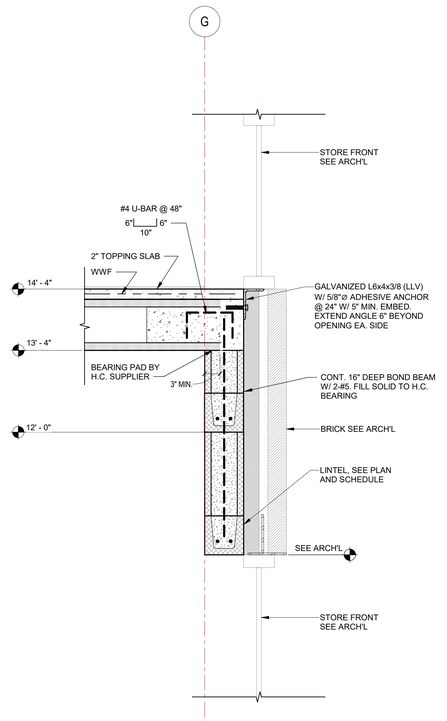
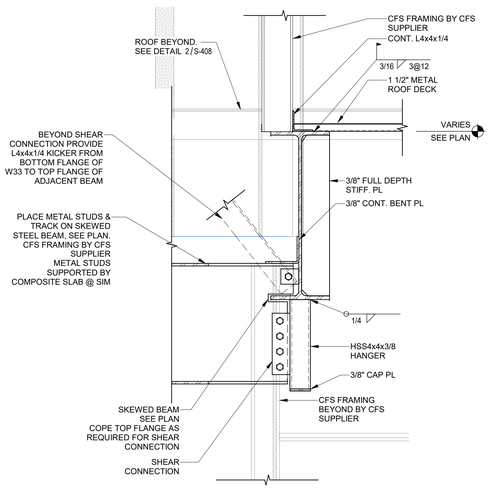


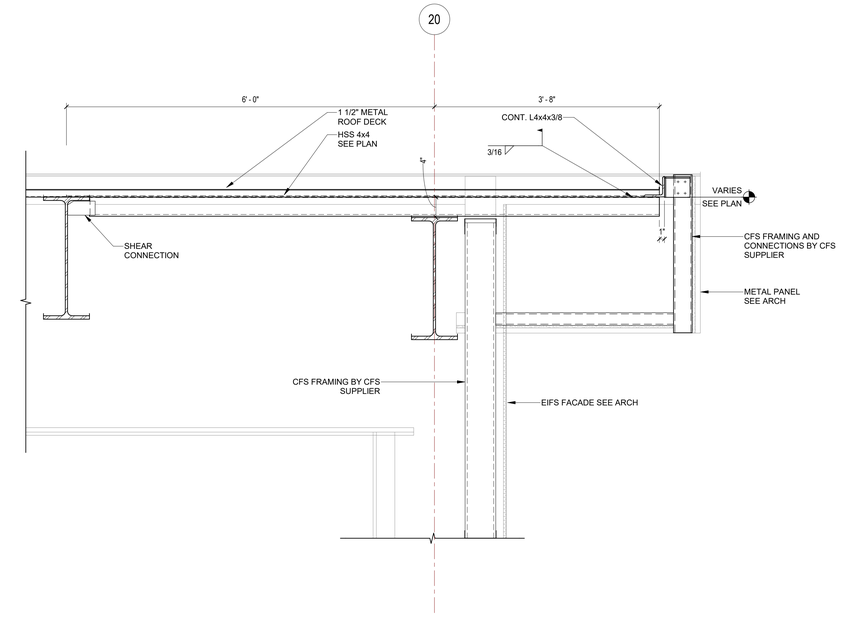
3 S-411 SECTION THRU FLOOR

SCALE: 1" = 1'-0"



2 S-411 DETAIL

SCALE: 1" = 1'-0"



1 S-411 HIGH ROOF SECTION

SCALE: 1" = 1'-0"

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PROFESSIONAL ENGINEER
037412
TIMOTHY K. WILTON
6-12-24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
	06/12/2024	BID DOCUMENTS

ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
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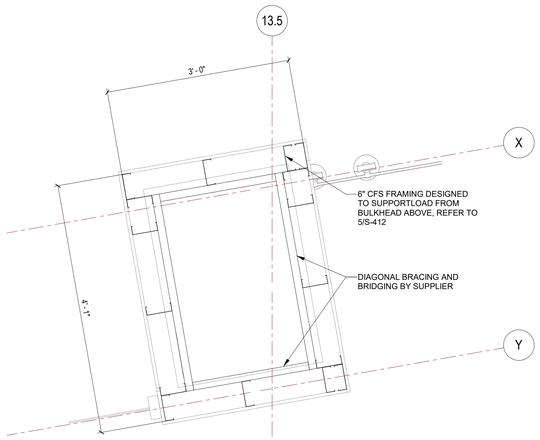
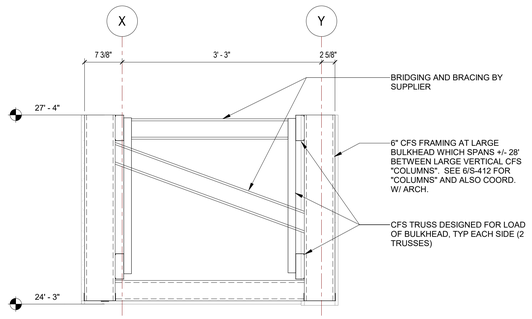
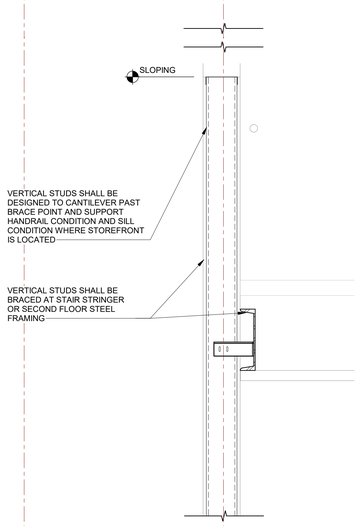
S-411

6/10/2024 6:17:16 PM Autodesk Docs://Pamlico High School 6-12/23.08.034 - SfLa - Pamlico County 6-12 School_R23.rvt

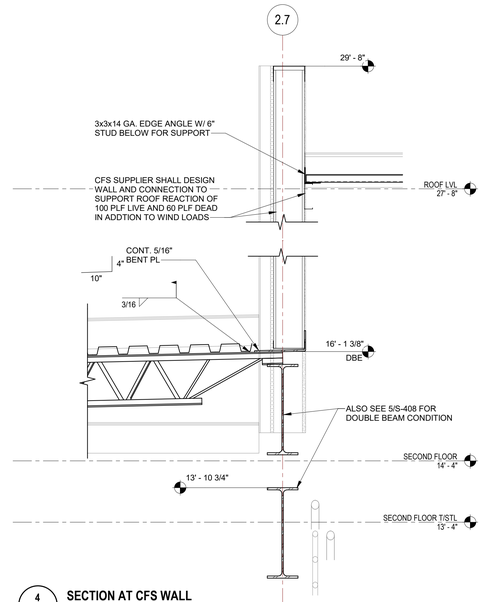


6 S-412 **PLAN DETAIL AT LARGE BULKHEAD**
SCALE: 1" = 1'-0"

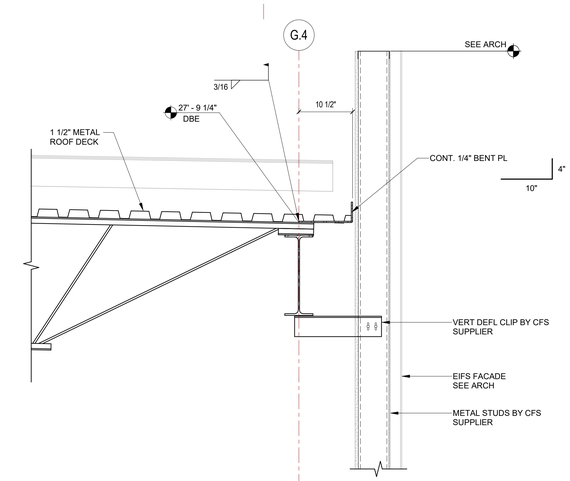


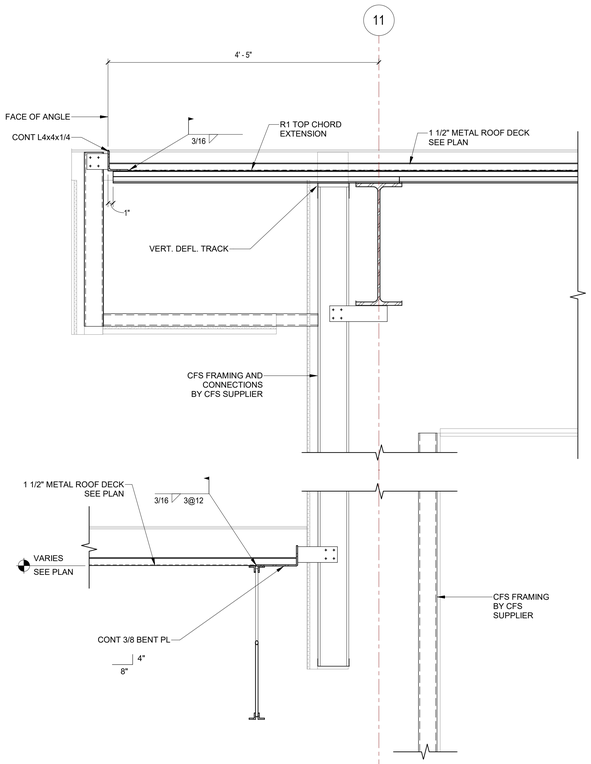


5 S-412 **SECTION AT LARGE BULKHEAD**
SCALE: 1" = 1'-0"

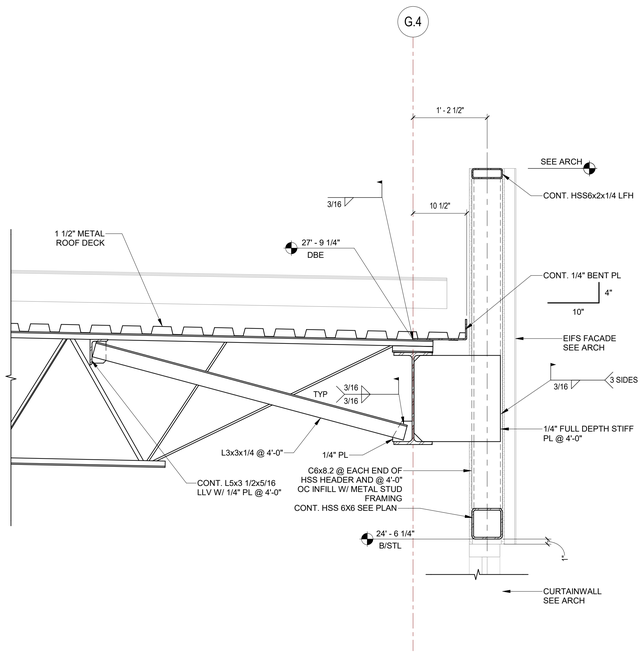


4 S-412 **SECTION AT CFS WALL**
SCALE: 1" = 1'-0"

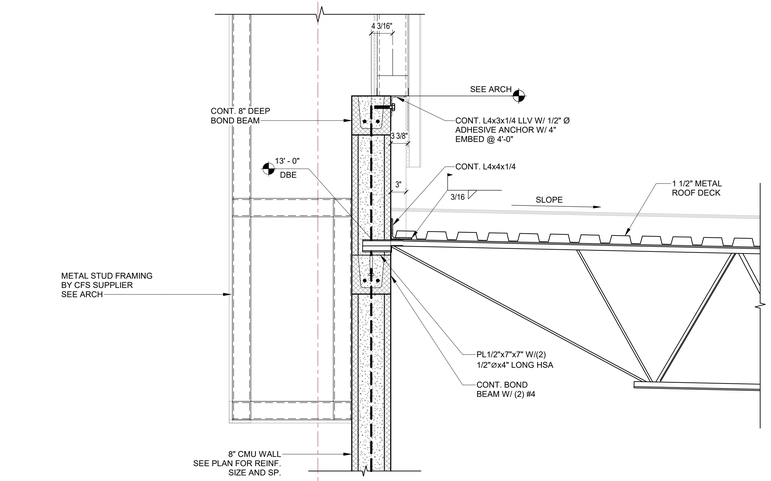




3 S-412 **SECTION**
SCALE: 1" = 1'-0"



2 S-412 **ROOF SECTION**
SCALE: 1" = 1'-0"



1 S-412 **WALL SECTION**
SCALE: 1" = 1'-0"

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
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ISSUE DATE: 06/12/2024
PROJECT #: 23.08.034
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FRAMING DETAILS

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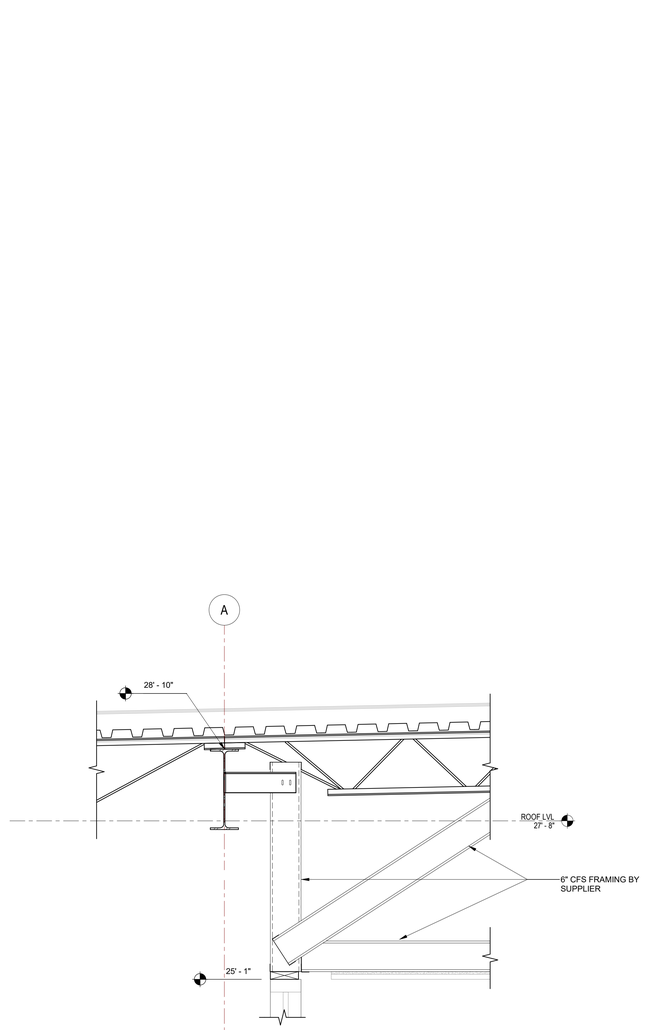
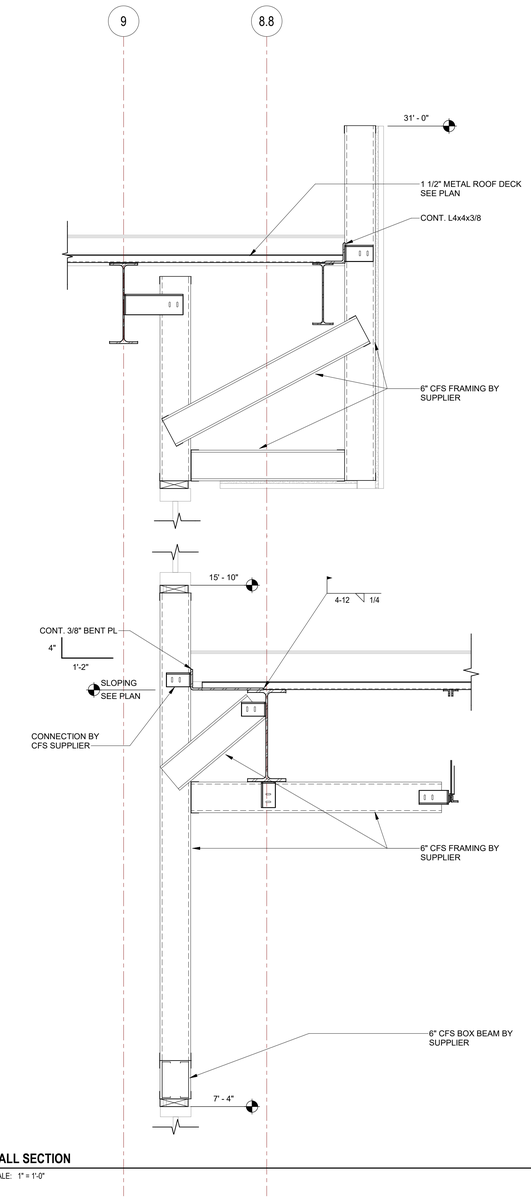
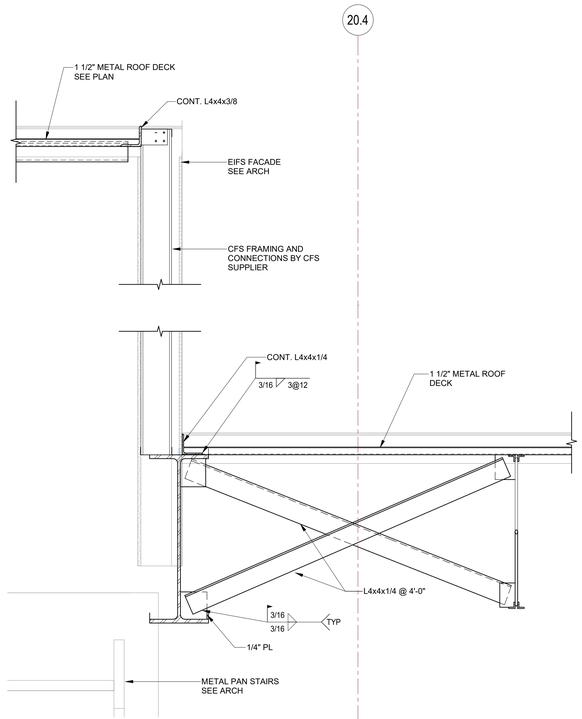


3 S-413 **CURTAIN WALL HEADER**
SCALE: 1" = 1'-0"



2 S-413 **WALL SECTION**
SCALE: 1" = 1'-0"



1 S-413 **ROOF SECTION**
SCALE: 1" = 1'-0"

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JOHN W. CARPENTER PROFESSIONAL ENGINEER 037412 TIMOTHY K. WILTON 6-12-24

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PROJECT #:	23.08.034
DRAWN BY:	AS
CHECKED BY:	TH

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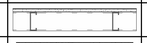
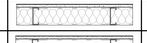
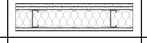
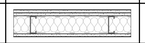
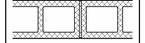
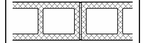
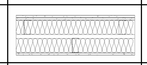
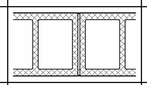
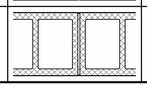
PARTITION TYPE SCHEDULE

TYPE	GRAPHIC	CONSTRUCTION							FIRE PROTECTION RATING / UL #	ACOUSTIC INSULATION & SEALANT	COMMENTS
		ASSEMBLY			TOTAL THICKNESS	HEIGHT CONSTRAINTS	HEAD DETAIL	BASE DETAIL			
		SURFACE 1	CORE	SURFACE 2							
1ANC		5/8" GB	1 5/8" STEEL STUD + 1" AIR SPACE		3 1/4"	6" ABV CLNG				NO	Sealed
1ANS		5/8" GB	1 5/8" STEEL STUD + 1" AIR SPACE		3 1/4"	TO DECK				NO	Sealed
3ANC		5/8" GB	3 5/8" STEEL STUD		4 1/4"	6" ABV CLNG				NO	
3ANP		5/8" GB	3 5/8" STEEL STUD		4 1/4"	AS INDICATED ON PLAN				NO	
3ANS		5/8" GB	3 5/8" STEEL STUD		4 1/4"	TO DECK	5/A011	5/A011		YES	STC 46
3BNC		5/8" GB	3 5/8" STEEL STUD		4 7/8"	6" ABV CLNG	5/A011	5/A011		YES	STC 46
3BNP		5/8" GB	3 5/8" STEEL STUD	5/8" GB	4 7/8"	AS INDICATED ON PLAN		5/A011		NO	
3BNS		5/8" GB	3 5/8" STEEL STUD	5/8" GB	4 7/8"	TO DECK	5/A011	5/A011		YES	STC 46
3CNP		(2) 5/8" GB	3 5/8" STEEL STUD	5/8" GB	5 1/2"	AS INDICATED ON PLAN		5/A011		NO	
3CNS		(2) 5/8" GB	6" STEEL STUD	5/8" GB	5 1/2"	TO DECK	5/A011	5/A011		YES	STC 46
6ANC		5/8" GB	6" STEEL STUD		6 5/8"	6" ABV CLNG	5/A011	5/A011		YES	STC 46
6ANS		5/8" GB	6" STEEL STUD		6 5/8"	TO DECK	5/A011	5/A011		YES	STC 46
6B1S		(2) 5/8" GB	6" STEEL STUD	(2) 5/8" GB	7 1/4"	TO DECK			1 HR - UL DESIGN NO. U419	NO	
6BNC		5/8" GB	6" STEEL STUD	5/8" GB	7 1/4"	6" ABV CLNG	5/A011	5/A011		YES	STC 46
6BND		5/8" GB	6" STEEL STUD	5/8" GB	7 1/4"	TO DECK	5/A011	5/A011		NO	
6BNP		5/8" GB	6" STEEL STUD	5/8" GB	7 1/4"	TO DECK	5/A011	5/A011		NO	
6BNS		5/8" GB	6" STEEL STUD	5/8" GB	7 1/4"	TO DECK	5/A011	5/A011		YES	STC 46
8M1S			8" CMU		7 5/8"	TO DECK	4/A011	4/A011	1 HR - UL DESIGN NO. U905	NO	
8M2S			8" CMU		7 5/8"	TO DECK	4/A011	4/A011	2 HR - UL DESIGN NO. U905	NO	
8MND			8" CMU		7 5/8"	TO DECK	4/A011	4/A011		YES	Sealed, >STC 52
8MNP			8" CMU		7 5/8"	AS INDICATED ON PLAN		4/A011		NO	
8MNS			8" CMU		7 5/8"	TO DECK	4/A011	4/A011		YES	Sealed, >STC 52
9CNS		(2) 5/8" GB	(2) 6" STEEL STUD + 1" AIR SPACE	5/8" GB	10 1/8"	TO DECK				NO	
12M2S			12" CMU		11 5/8"	TO DECK	4/A011		2 HR - UL DESIGN NO. U905	NO	
12MNS			12" CMU		11 5/8"	TO DECK	4/A011	4/A011		YES	Sealed, >STC 52

Partition Notes

A. Refer to plans for location of partition types.
B. All interior roof drains and overflow drains to be wrapped continuously with R13 thermal insulation for minimum of 10 linear feet.
C. Where gypsum wall board extends to the underside of structure, stop gypsum wall board 1/2" below face of structure and seal as required.
D. Refer to specifications for types and applications of gypsum-based board materials.
E. Provide mold-resistant gypsum board in all restrooms, showers, janitorial closets. and where indicated in room finish schedule.
F. Provide identification markings for smoke rated and fire-resistance-rated partitions as specified in Section 07 0553.

THICKNESS

3BND

Describes thickness of the primary structural system of partition.

0: 7/8"
1: 1 5/8"
2: 2 1/2"
3: 3 5/8"
4: 4"
6: 6" or 5 5/8"
8: 8" or 7 5/8"
9: 3 5/8" + 1" +3 5/8"

CONSTRUCTION

3BND

Describes construction of partition.

A: Single layer of Gypsum Board on one side
B: Single layer of Gypsum Board on both sides
C: Single layer of Gypsum Board on one side, double layer on other side
D: Double layer of Gypsum Board on both sides
E: Double layer of Gypsum Board on single side
F: Triple layer of Gypsum Board on single side
S: Shaft Wall assembly
M: Masonry (CMU)
K: Concrete

FIRE RATING

3BND

Describes fire rating of partition.

N: Not Rated
1: 1 HR Rated
2: 2 HR Rated
3: 3 HR Rated
P: Smoke Partition
Y: 1 HR Smoke Barrier
Z: 2 HR Smoke Barrier

HEIGHT & STC

3BND

Describes vertical extent & acoustical attributes of partition.

P: Partial height partition, reference elevations
C: 6 Inches above ceiling
D: To deck or structure above
G: To deck or structure above with grout filled cells & acoustically sealed at the entire perimeter on both sides of the wall.
R: To deck or structure above with resilient channels, acoustic insulation & sealant
S: To deck or structure above with acoustic sealant at the entire perimeter on both sides of the wall.
T: To deck or structure above with resilient sound isolation clips, acoustic insulation & sealant

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

WALL PARTITION TYPES

A-010

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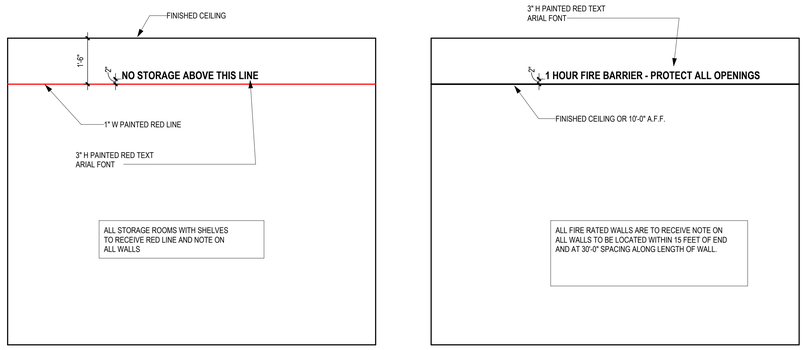
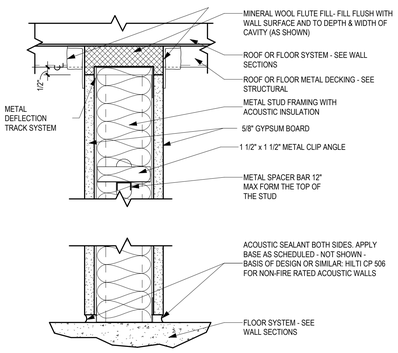
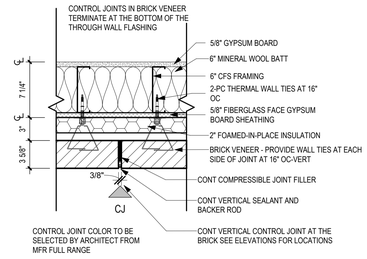


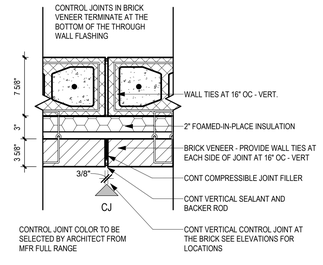
10 / A-011 STORAGE RM NOTE / FIRE RATED WALL NOTE
SCALE: 1/2" = 1'-0"



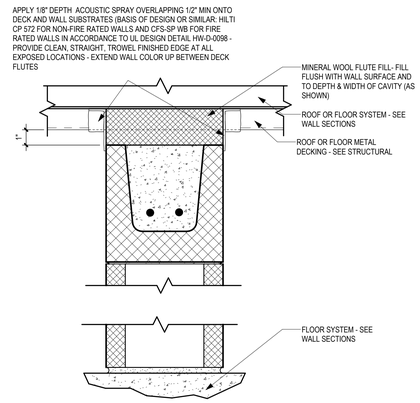
5 / A-011 JOINT PROTECTION DETAIL - MTL STUD WALLS
SCALE: 3" = 1'-0"



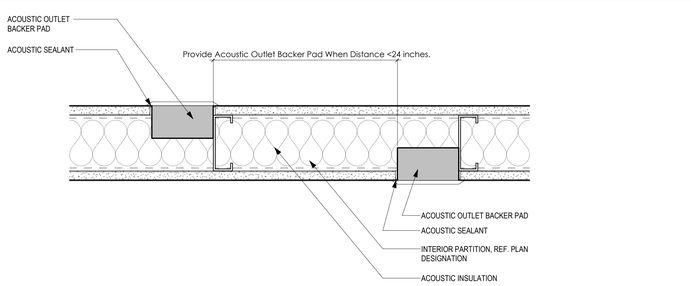
9 / A-011 CONTROL JOINT DETAIL - EXT MTL STUD WALL
SCALE: 1 1/2" = 1'-0"



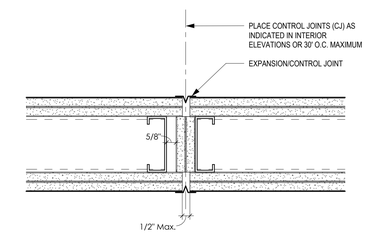
8 / A-011 CONTROL JOINT DETAIL - EXT. CMU WALL
SCALE: 1 1/2" = 1'-0"



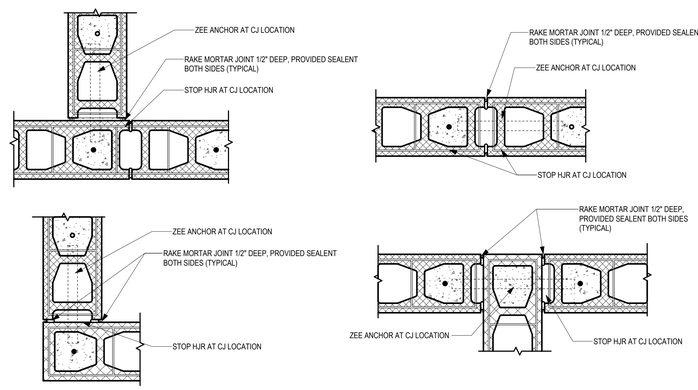
4 / A-011 JOINT PROTECTION DETAIL - CMU WALLS
SCALE: 3" = 1'-0"



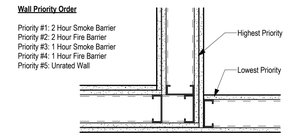
7 / A-011 ACOUSTIC OUTLET DETAIL
SCALE: 3" = 1'-0"



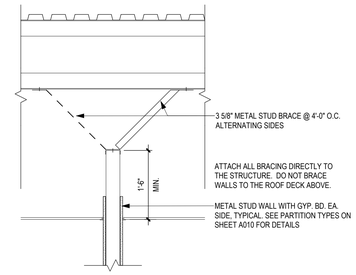
3 / A-011 CONTROL JOINT AT FIRE RATED PARTITION
SCALE: 3" = 1'-0"



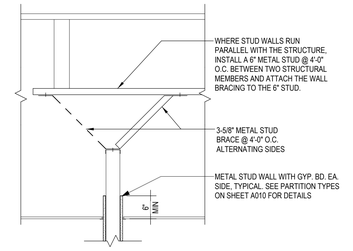
6 / A-011 TYPICAL CMU WALL CONTROL JOINT DETAILS
SCALE: 1 1/2" = 1'-0"



2 / A-011 WALL PRIORITY DETAIL
SCALE: 1 1/2" = 1'-0"



STUDS TO CEILING - PERPENDICULAR TO STRUCTURE



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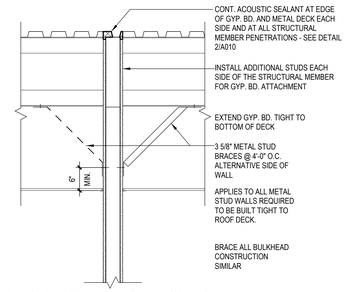
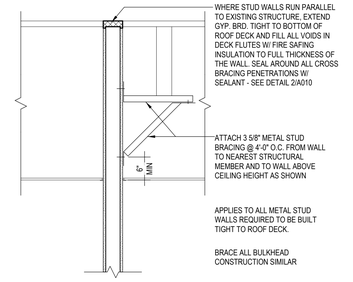


STUDS TO DECK - PERPENDICULAR TO STRUCTURE PARALLEL TO DECK FLUTES FULL-HEIGHT GWB



STUDS TO DECK - PARALLEL TO STRUCTURE PERPENDICULAR TO DECK FLUTES FULL-HEIGHT GWB

1 / A-011 METAL STUD PARTITION BRACING
SCALE: 3/4" = 1'-0"

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ENERGY STAR PARTNER

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WALL PARTITION DETAILS

A-011

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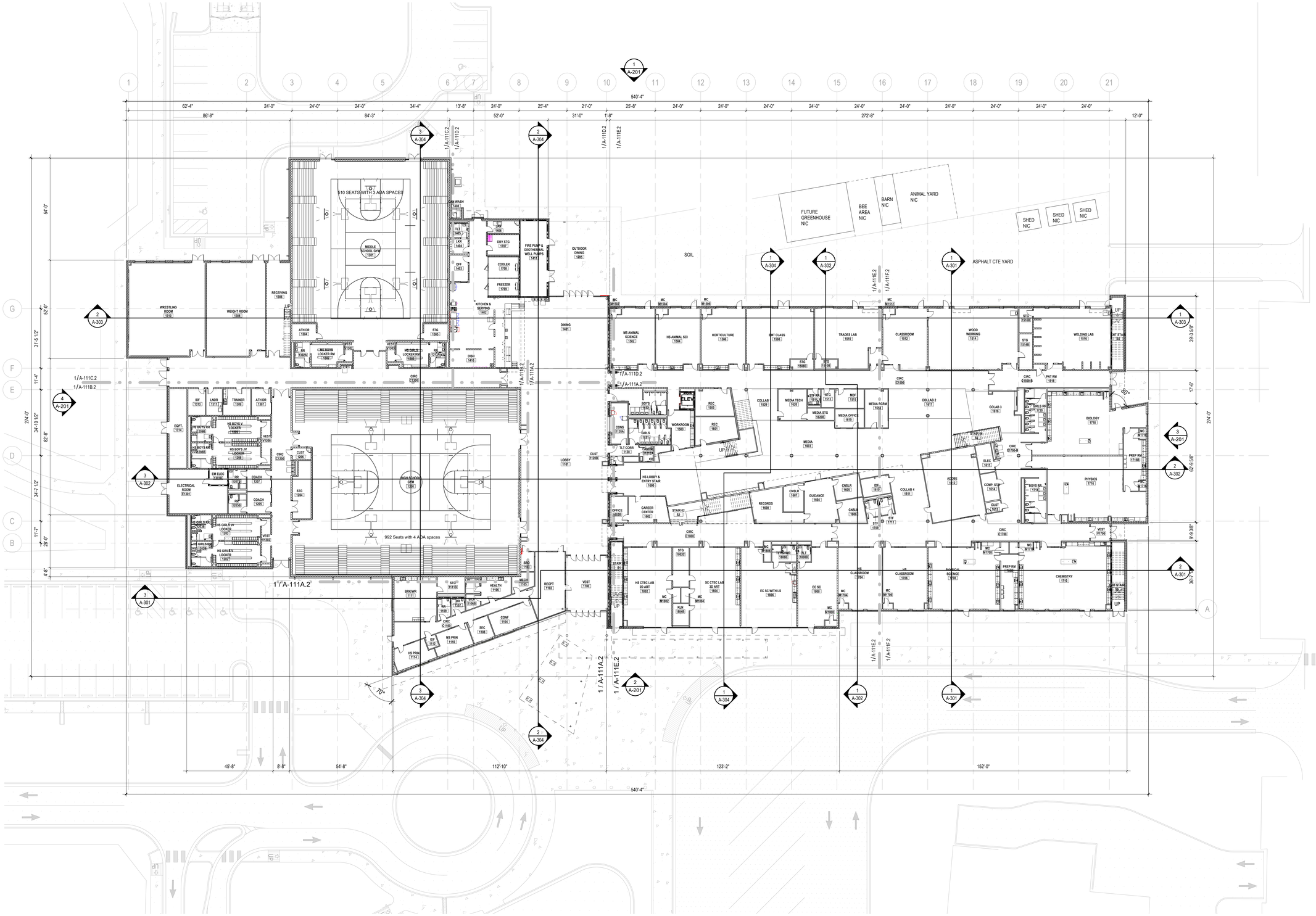

1 A-101.1 OVERALL FIRST FLOOR PLAN

SCALE: 1" = 20'-0"

N

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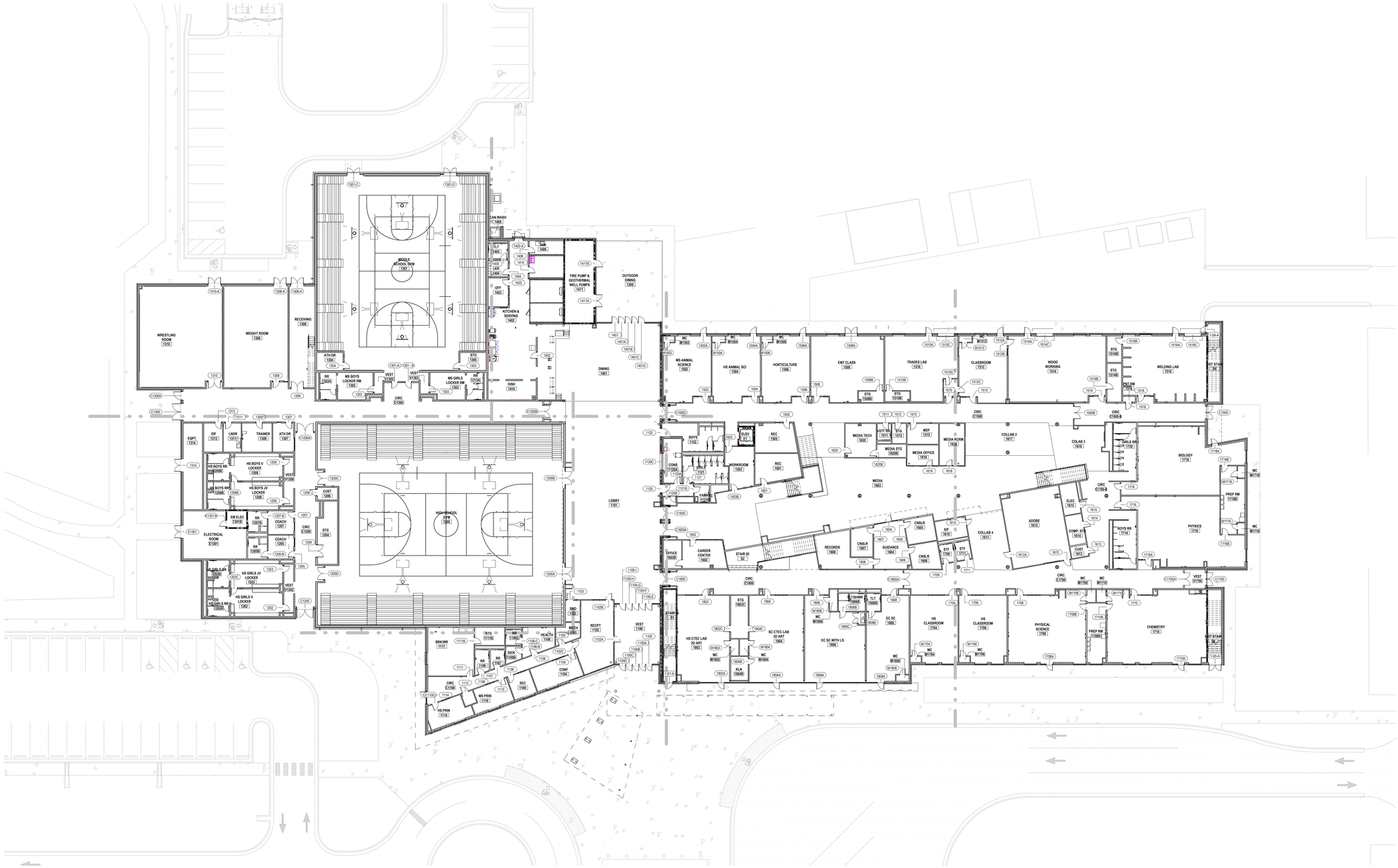
OVERALL PLAN - FIRST FLOOR

A-101.1

ROOM & DOOR TAG PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG



1 / A-101.2 **OVERALL FIRST FLOOR PLAN - ROOM & DOOR TAG**

SCALE: 1" = 20'-0"

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PROFESSIONAL ENGINEER SEAL 037911 MICHAEL J. KINDSETH NORTH CAROLINA 6.12.24 FAYETTEVILLE

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OVERALL PLAN - FIRST FLOOR (ROOM & DOOR TAG)

A-101.2

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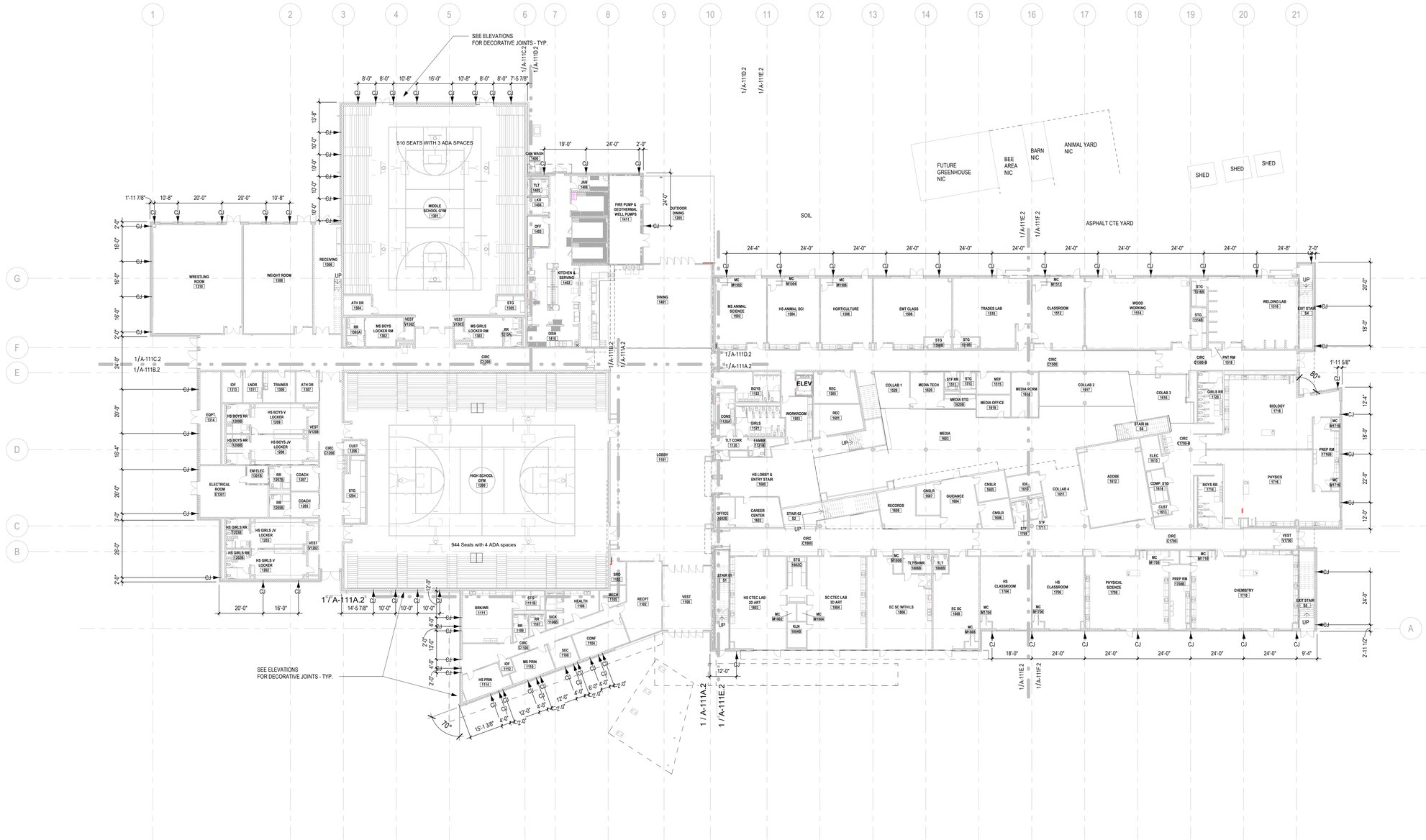

1 / A-101.3 OVERALL FIRST FLOOR PLAN - CONTROL JOINT PLAN

SCALE: 1" = 20'-0"

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OVERALL PLAN - FIRST FLOOR - CONTROL JOINT PLAN

A-101.3

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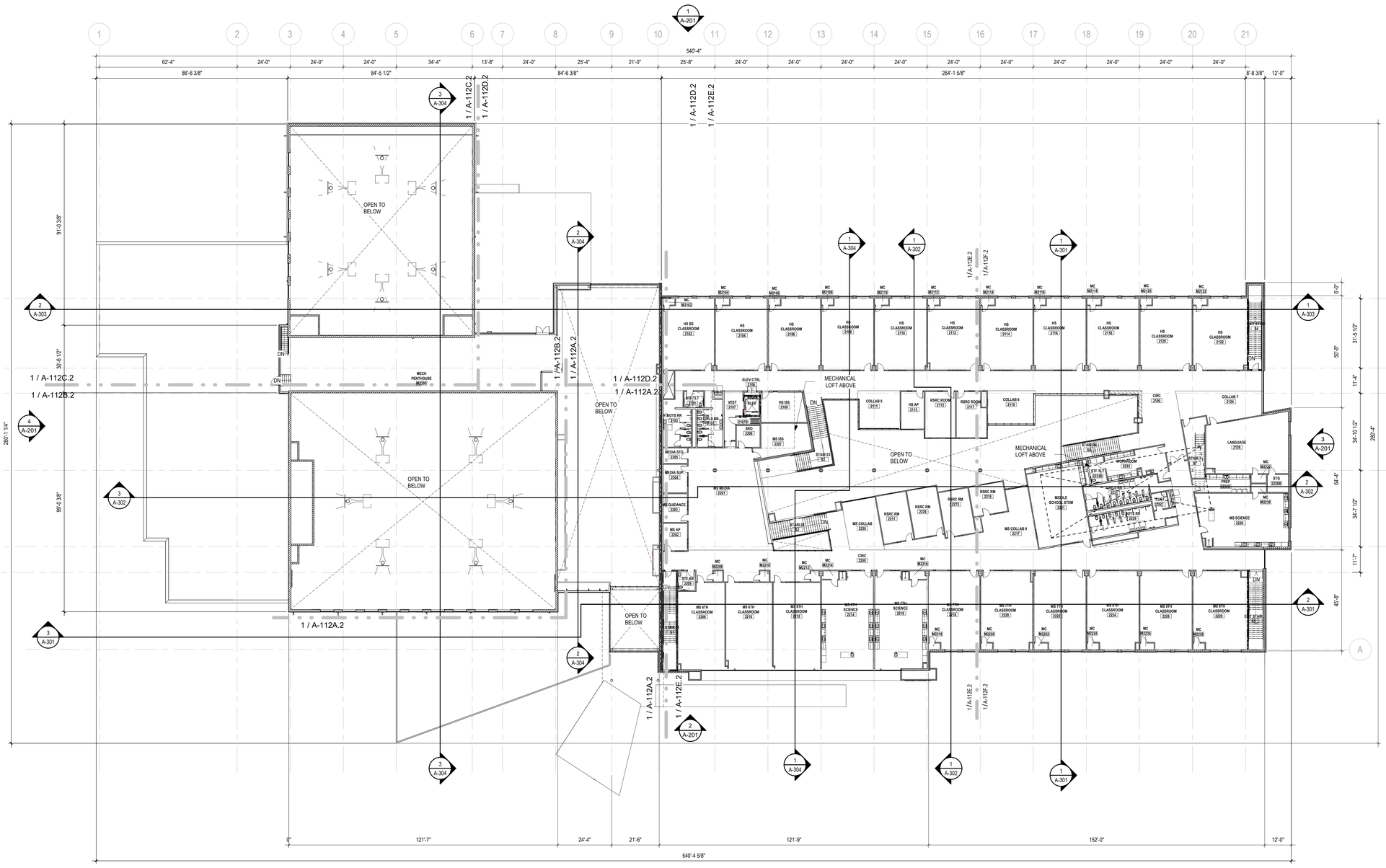
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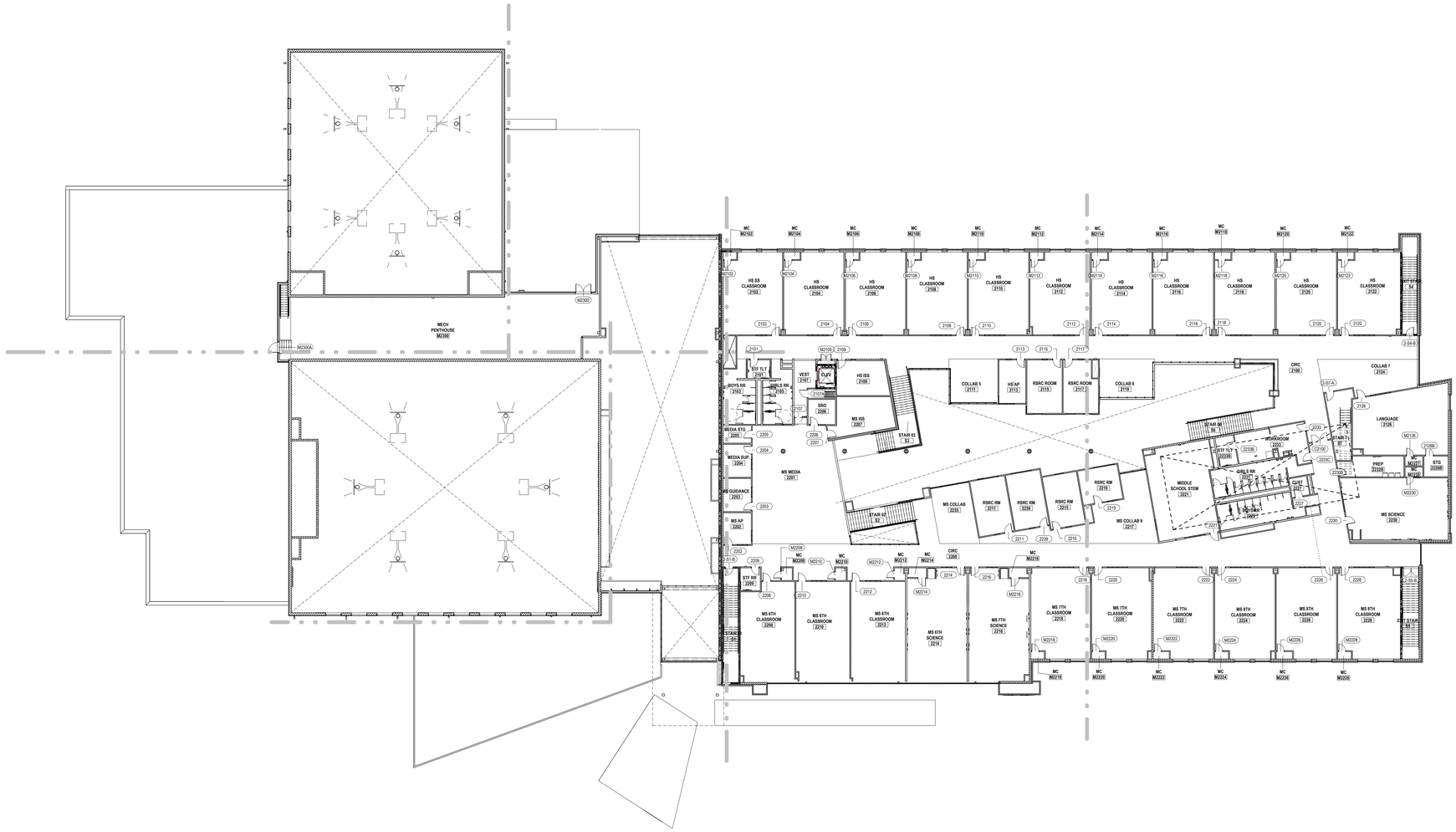
3 A-304
1 / A-112C.2
1 / A-112D.2
1 / A-112D.2
1 / A-112E.2
2 A-304
1 A-304
1 A-302
1 / A-112E.2
1 / A-112F.2
1 A-301
2 A-303
1 A-303
1 / A-112C.2
1 / A-112B.2
1 / A-112B.2
1 / A-112A.2
1 / A-112D.2
1 / A-112A.2
4 A-201
3 A-302
3 A-201
2 A-302
3 A-301
2 A-301
2 A-304
1 / A-112A.2
1 / A-112E.2
2 A-201
3 A-304
1 A-304
1 A-302
1 A-301
OPEN TO BELOW
MECHANICAL LOFT ABOVE
MECH PENTHOUSE M2200
ELEV CTRL 2106
VEST 2107
HS ISS 2199
MS ISS 2207
SRO 2206
STAIR 01 B1
STAIR 02 B2
STAIR 03 B3
STAIR 04 B4
STAIR 05 B5
STAIR 06 B6
STAIR 07 B7
STAIR 08 B8
STAIR 09 B9
STAIR 10 B10
STAIR 11 B11
STAIR 12 B12
STAIR 13 B13
STAIR

ROOM & DOOR TAG PLAN LEGEND	
SYMBOL	**DESCRIPTION**
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG



1 A-102.2 **OVERALL SECOND FLOOR PLAN - ROOM & DOOR TAG**

SCALE: 1" = 20'-0"

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OVERALL PLAN - SECOND FLOOR (ROOM & DOOR TAG)

A-102.2

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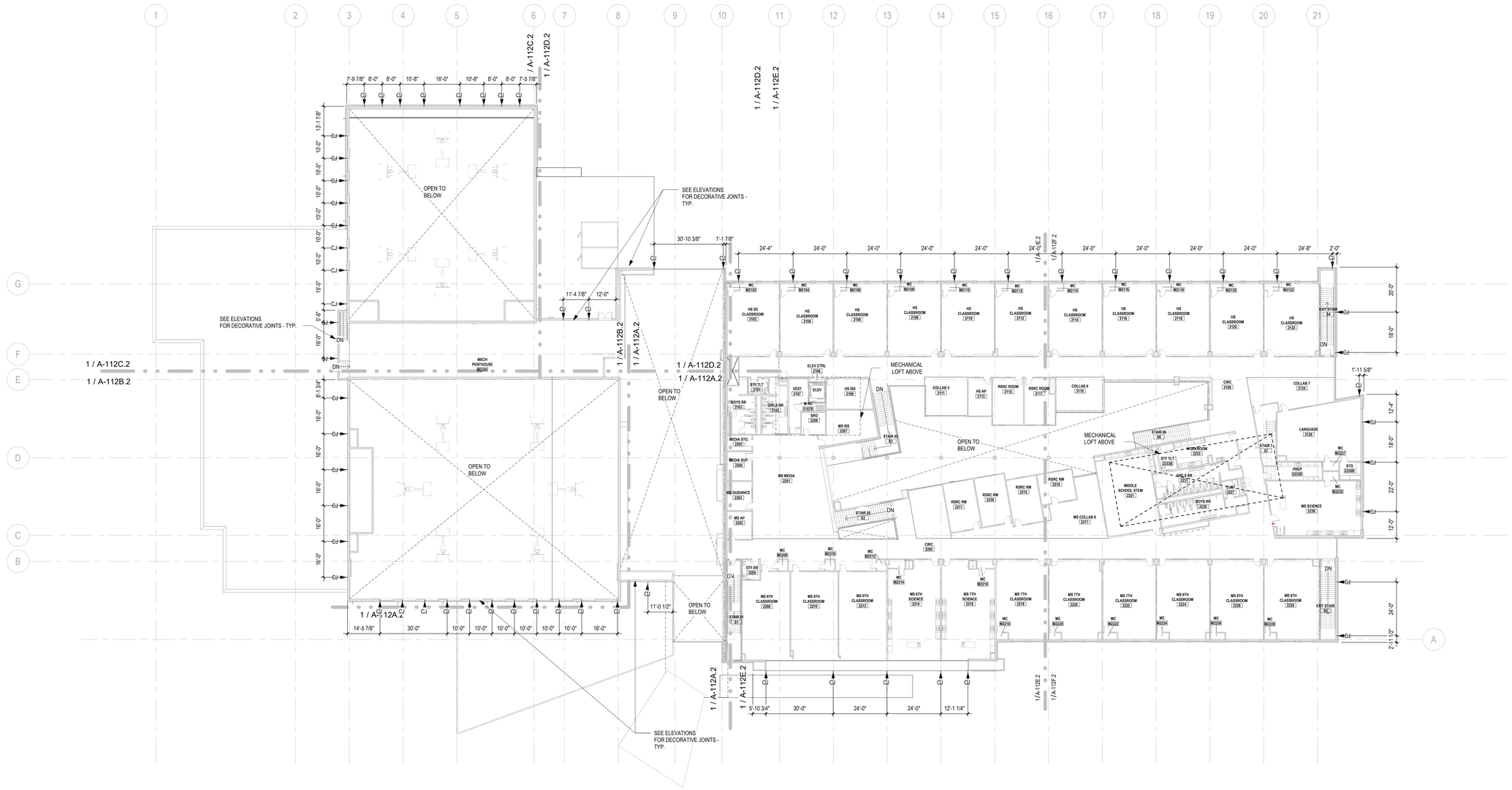

1 / A-102.3 OVERALL SECOND FLOOR PLAN - CONTROL JOINT PLAN

SCALE: 1" = 20'-0"

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OVERALL PLAN - SECOND FLOOR - CONTROL JOINT PLAN

A-102.3

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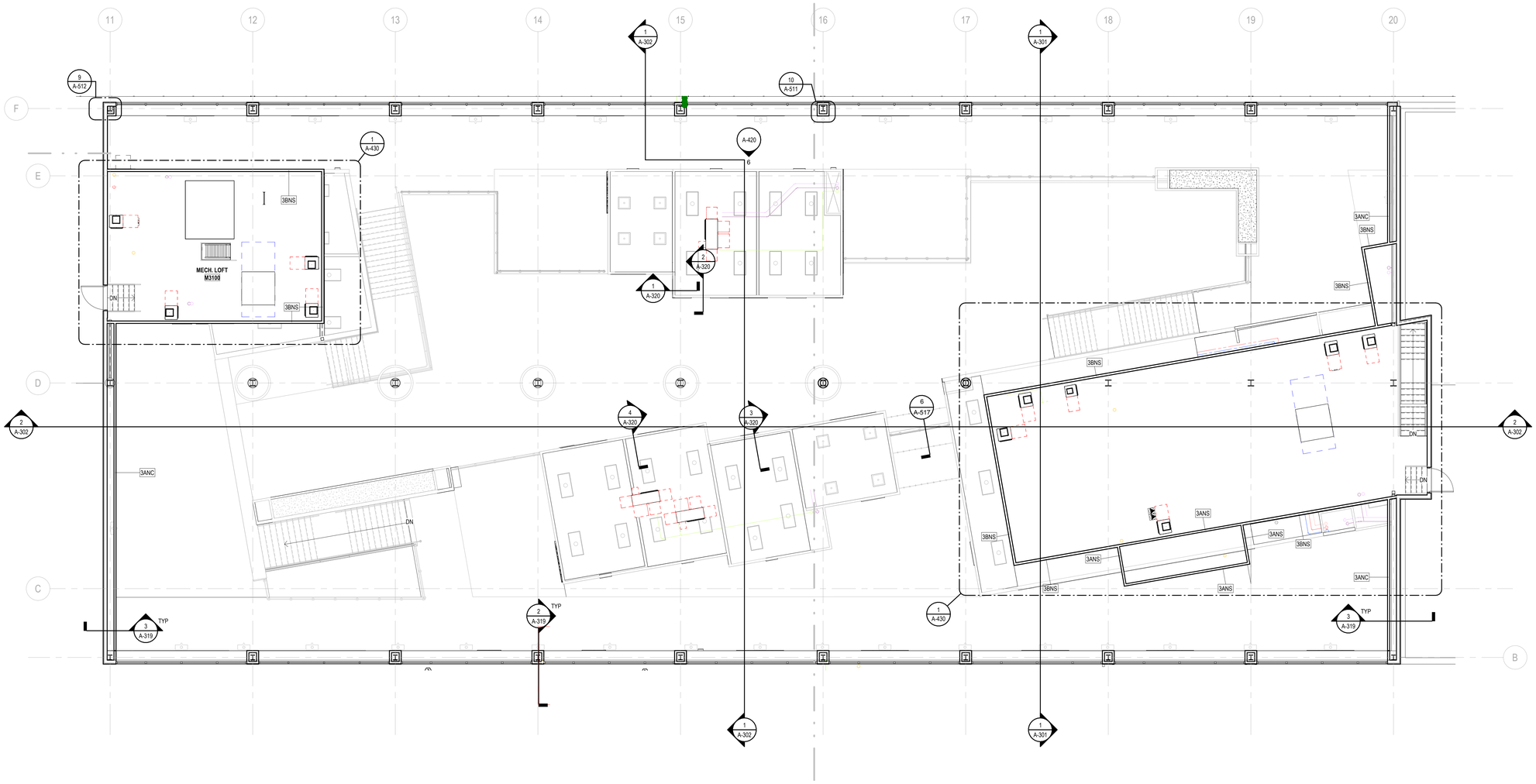

1 A-103.1 **SECOND FLOOR PLAN - CLERESTORY**

SCALE: 1/8" = 1'-0"

N

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SECOND FLOOR PLAN - CLERESTORY

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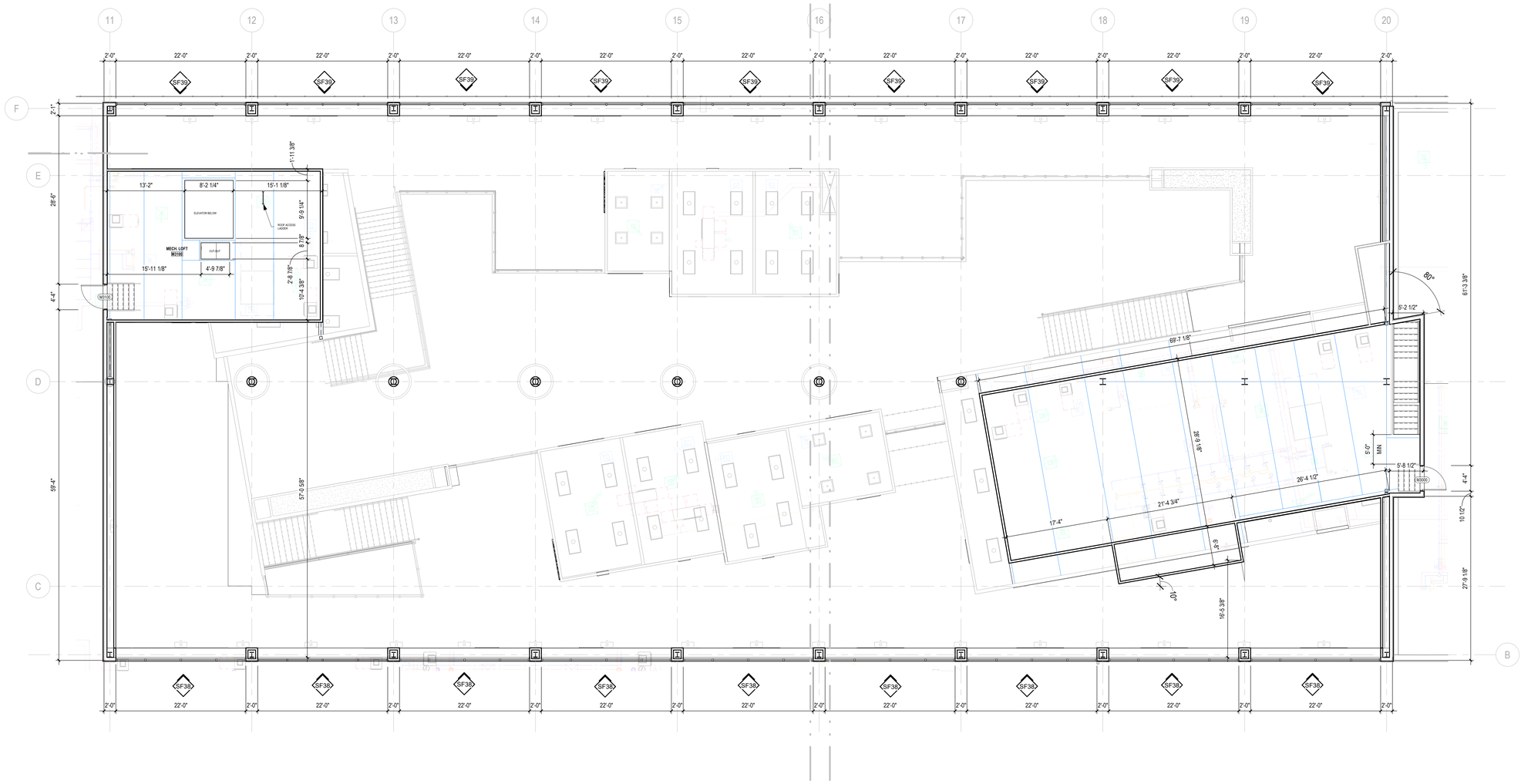

1 A-103.2 **SECOND FLOOR PLAN - CLERESTORY**

SCALE: 1/8" = 1'-0"

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SECOND FLOOR PLAN - CLERESTORY - DIM. PLAN

A-103.2

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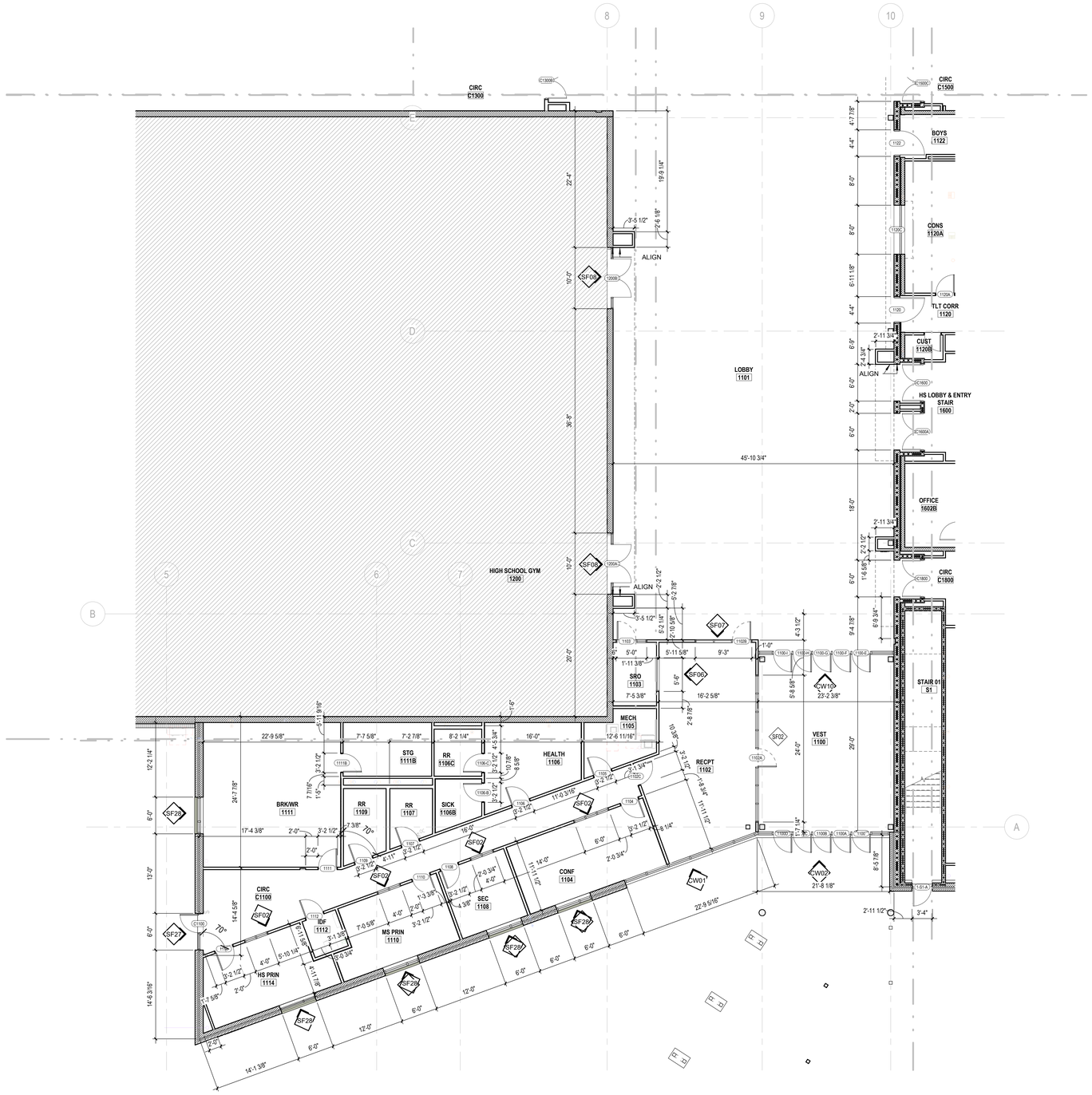

1 A-111A.1 **FIRST FLOOR PARTIAL DIM PLAN - AREA A**

SCALE: 1/8" = 1'-0"

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FIRST FLOOR PARTIAL PLAN - AREA A - DIM. PLAN

A-111A.1

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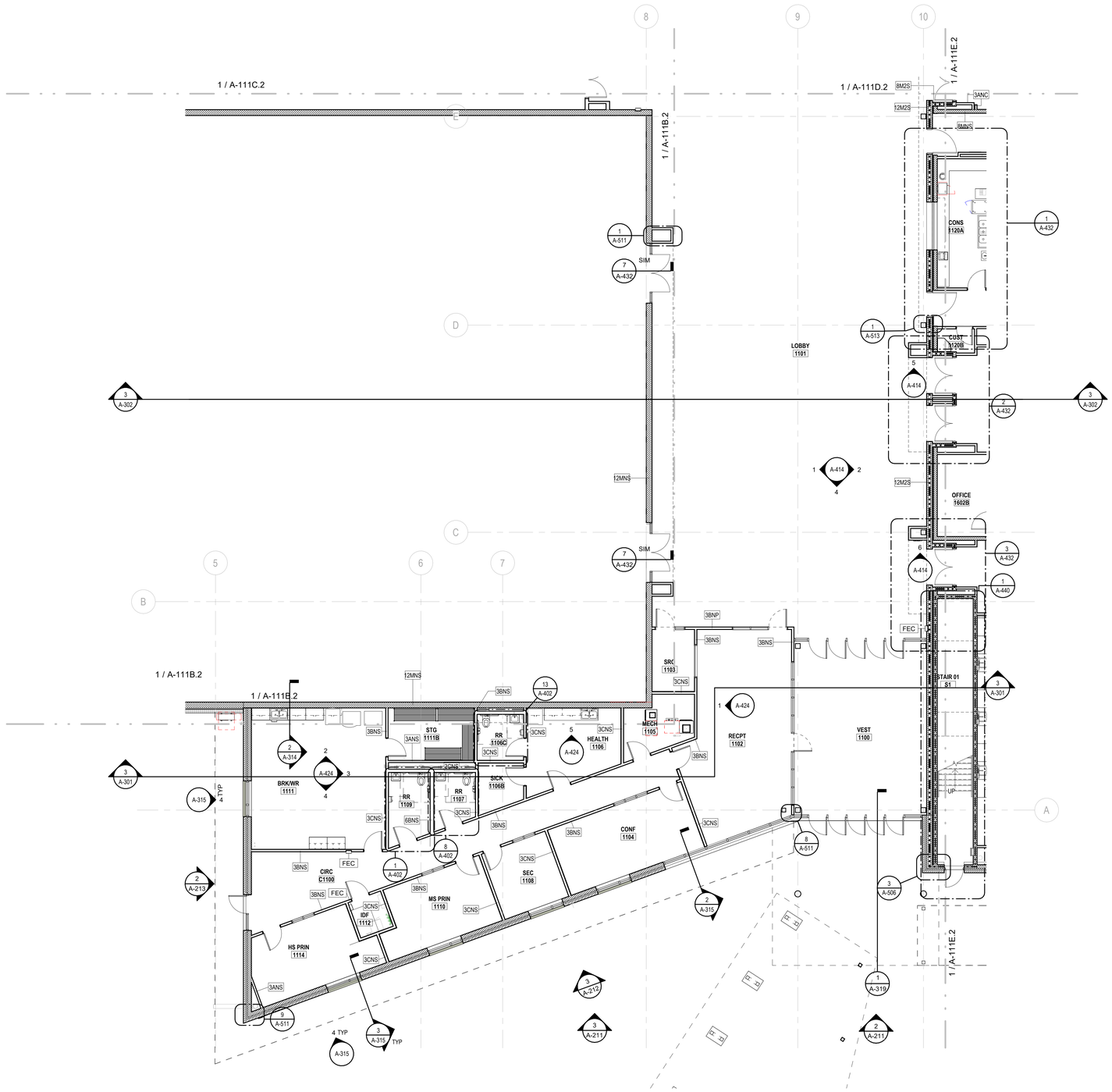

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

1. SEE SHEET A-010 FOR PARTITION TYPES AND DETAILS.
2. CONTRACTOR RESPONSIBLE FOR PROCUREMENT AND INSTALLATION OF LOCKERS
3. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS - U.N.O.

1 A-111A.2 **FIRST FLOOR PARTIAL PLAN - AREA A**
SCALE: 1/8" = 1'-0"

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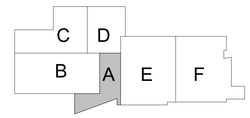

FIRST FLOOR PARTIAL PLAN - AREA A

A-111A.2

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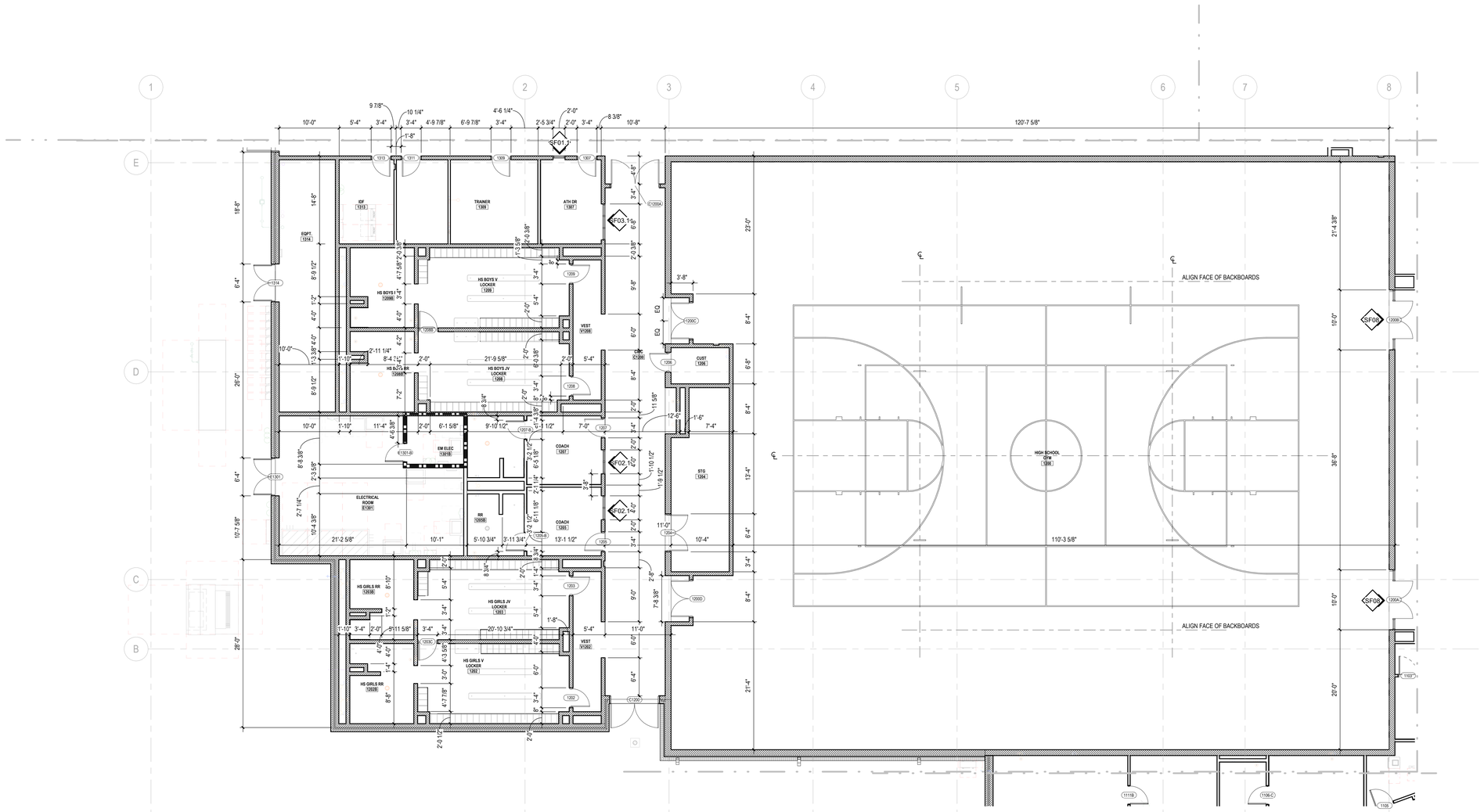

1 A-111B.1 **FIRST FLOOR PARTIAL DIM PLAN - AREA B**

SCALE: 1/8" = 1'-0"

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FIRST FLOOR PARTIAL PLAN - AREA B - DIM. PLAN

A-111B.1

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FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

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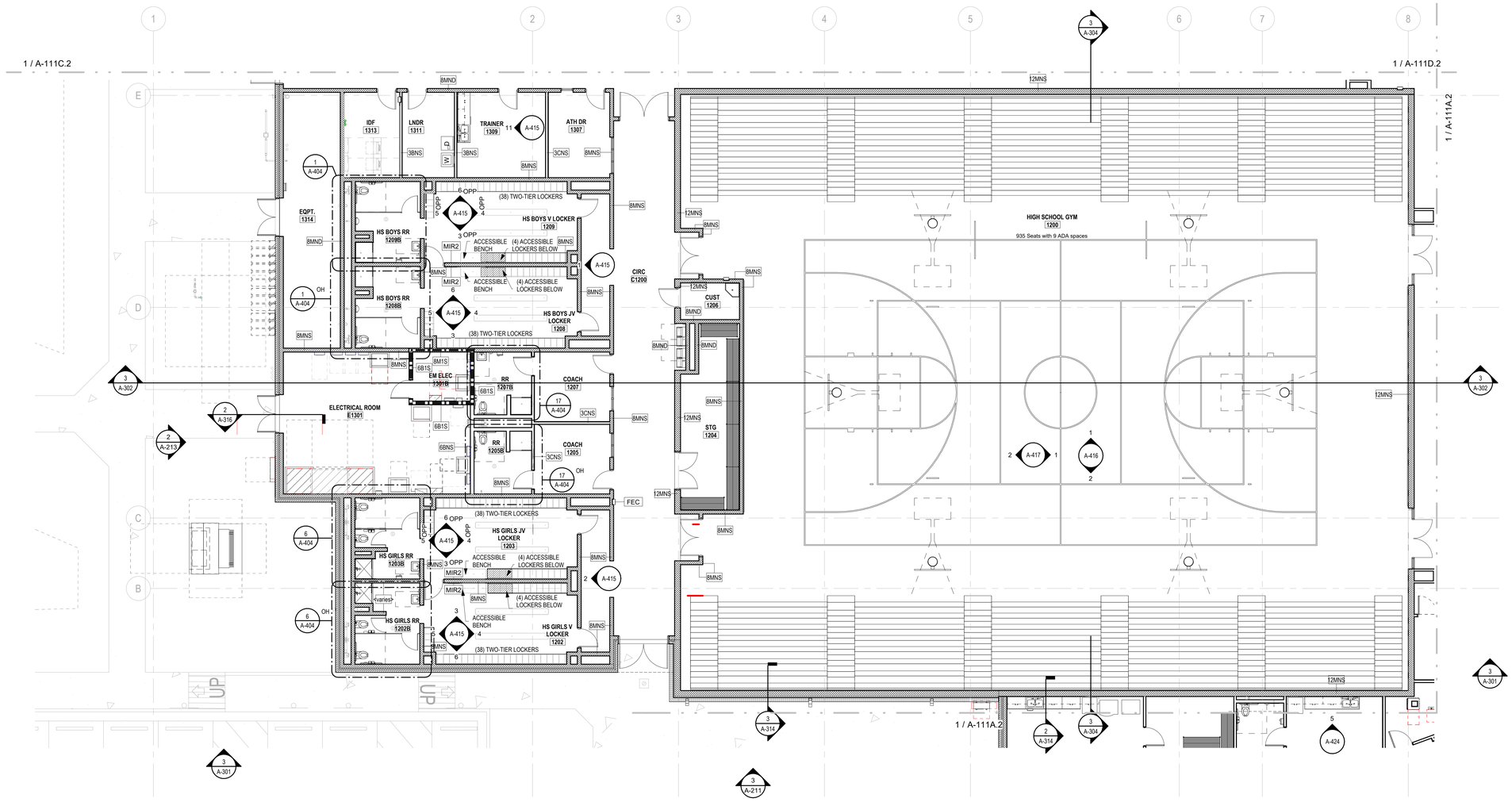
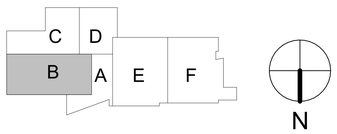
3. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS - U.N.O.



1 A-111B.2 **FIRST FLOOR PARTIAL PLAN - AREA B**

SCALE: 1/8" = 1'-0"



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ISSUE DATE:	06/12/24	
PROJECT #:	2205	
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FIRST FLOOR PARTIAL PLAN - AREA B

A-111B.2

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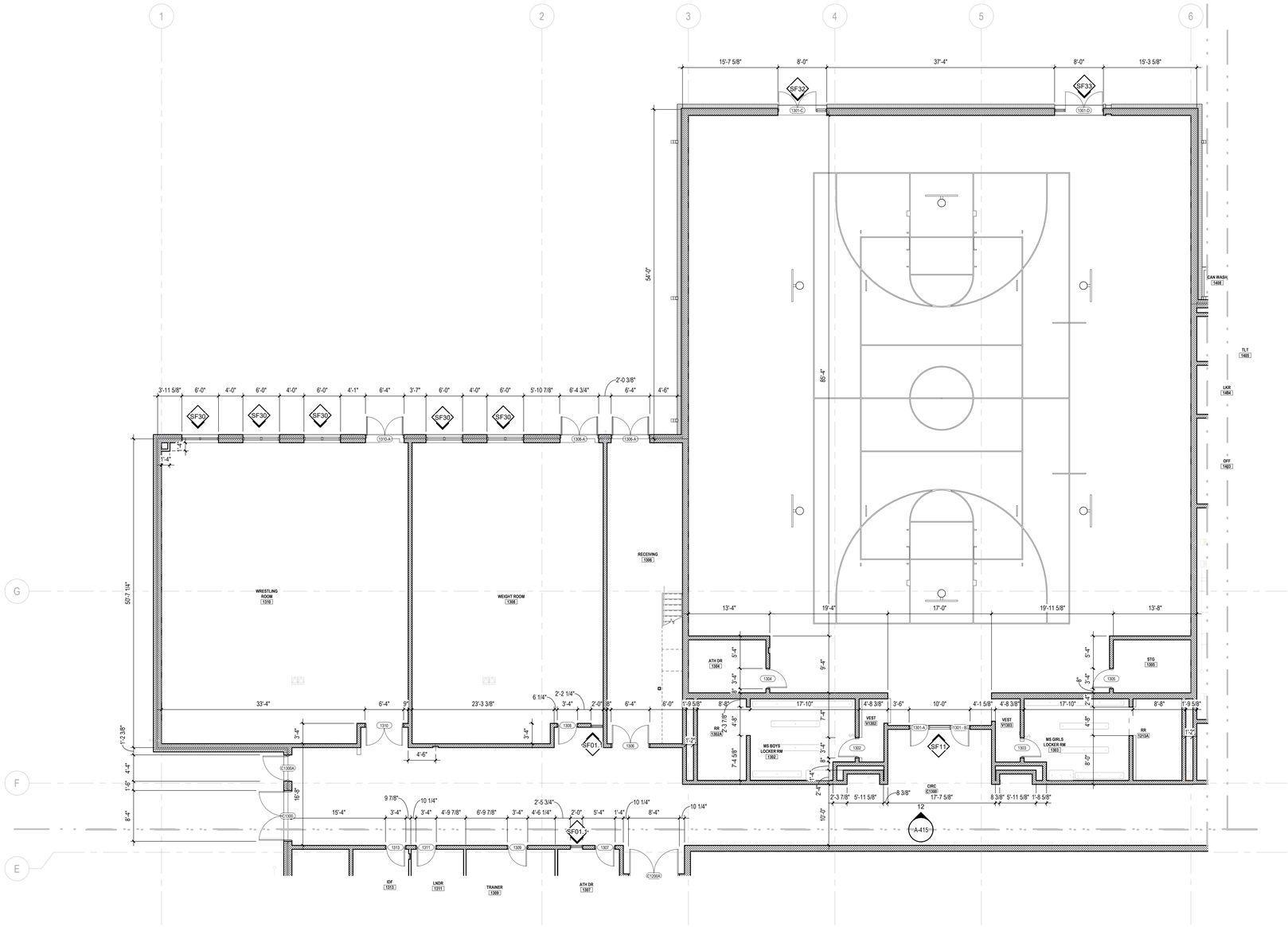

1 A-111C.1 **FIRST FLOOR PARTIAL DIM PLAN - AREA C**

SCALE: 1/8" = 1'-0"

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PROFESSIONAL ENGINEER SEAL 049111 NICHOLAS J. LINDSTROM NORTH CAROLINA 6.12.24 REGISTERED LANDSCAPE ARCHITECT FAYETTEVILLE

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ENERGY STAR PARTNER

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ISSUE DATE:	06/12/24
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FIRST FLOOR PARTIAL PLAN - AREA C - DIM. PLAN

A-111C.1

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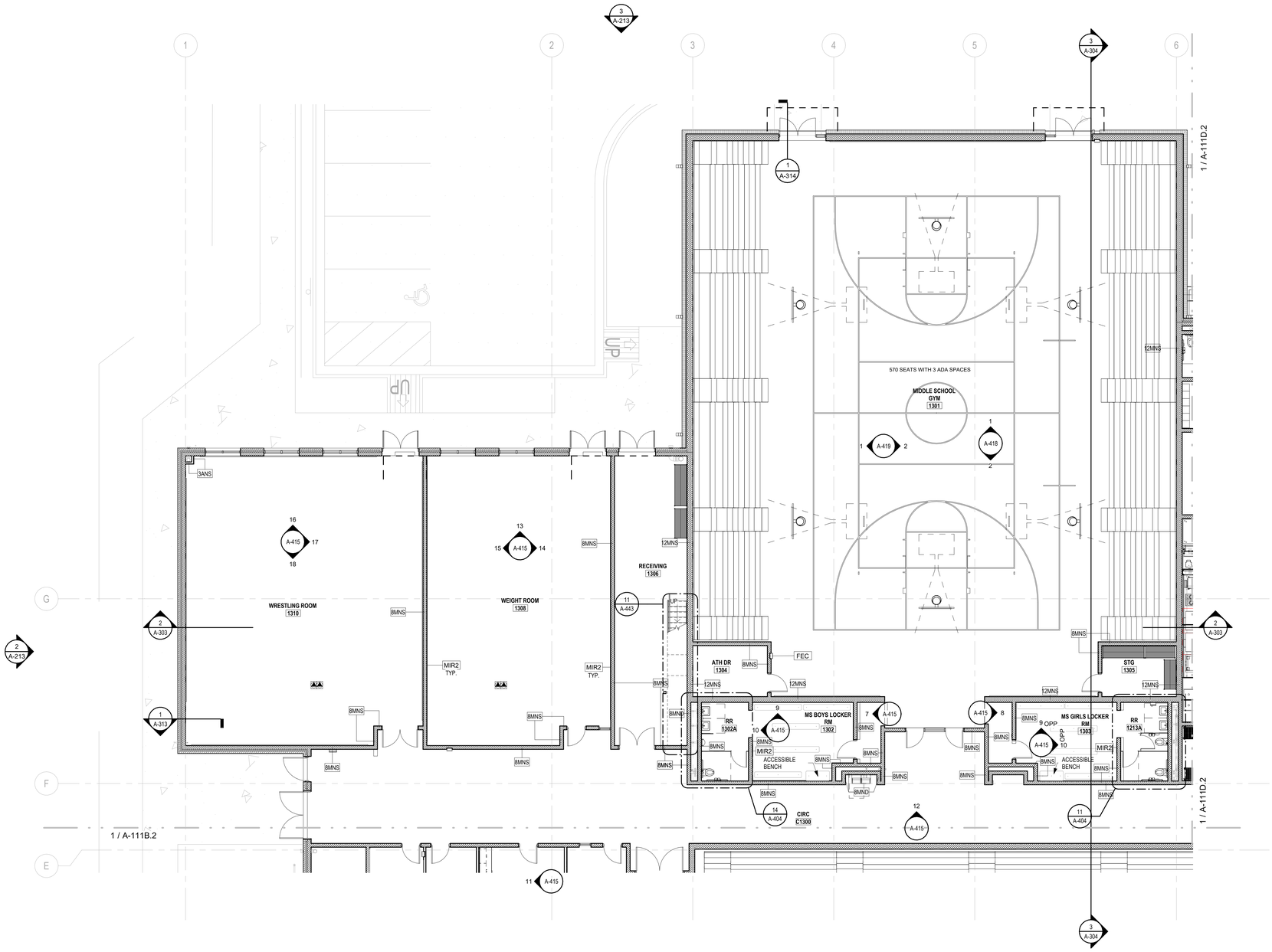
FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

1. SEE SHEET A-010 FOR PARTITION TYPES AND DETAILS.
2. CONTRACTOR RESPONSIBLE FOR PROCUREMENT AND INSTALLATION OF LOCKERS
3. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS - U.N.O.



1 A-111C.2 **FIRST FLOOR PARTIAL PLAN - AREA C**
SCALE: 1/8" = 1'-0"

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1	4/19/24	DOI Comments - CD

ISSUE DATE: 06/12/24

PROJECT #: 2205
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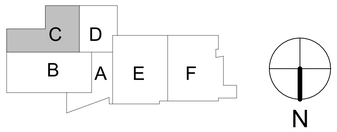

FIRST FLOOR PARTIAL PLAN - AREA C

A-111C.2

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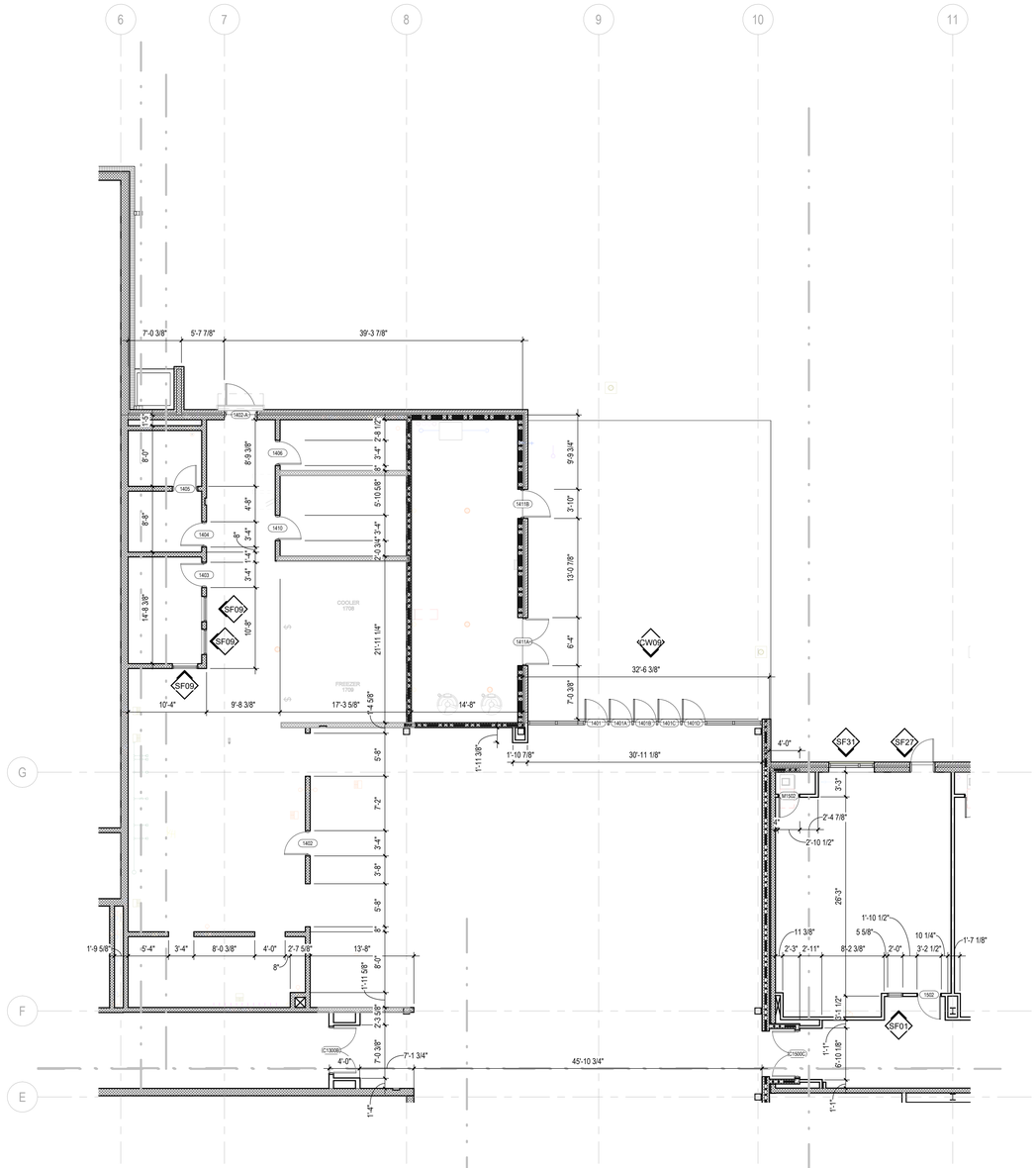

1 A-111D.1 **FIRST FLOOR PARTIAL DIM PLAN - AREA D**

SCALE: 1/8" = 1'-0"

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FIRST FLOOR PARTIAL PLAN - AREA D - DIM. PLAN

A-111D.1

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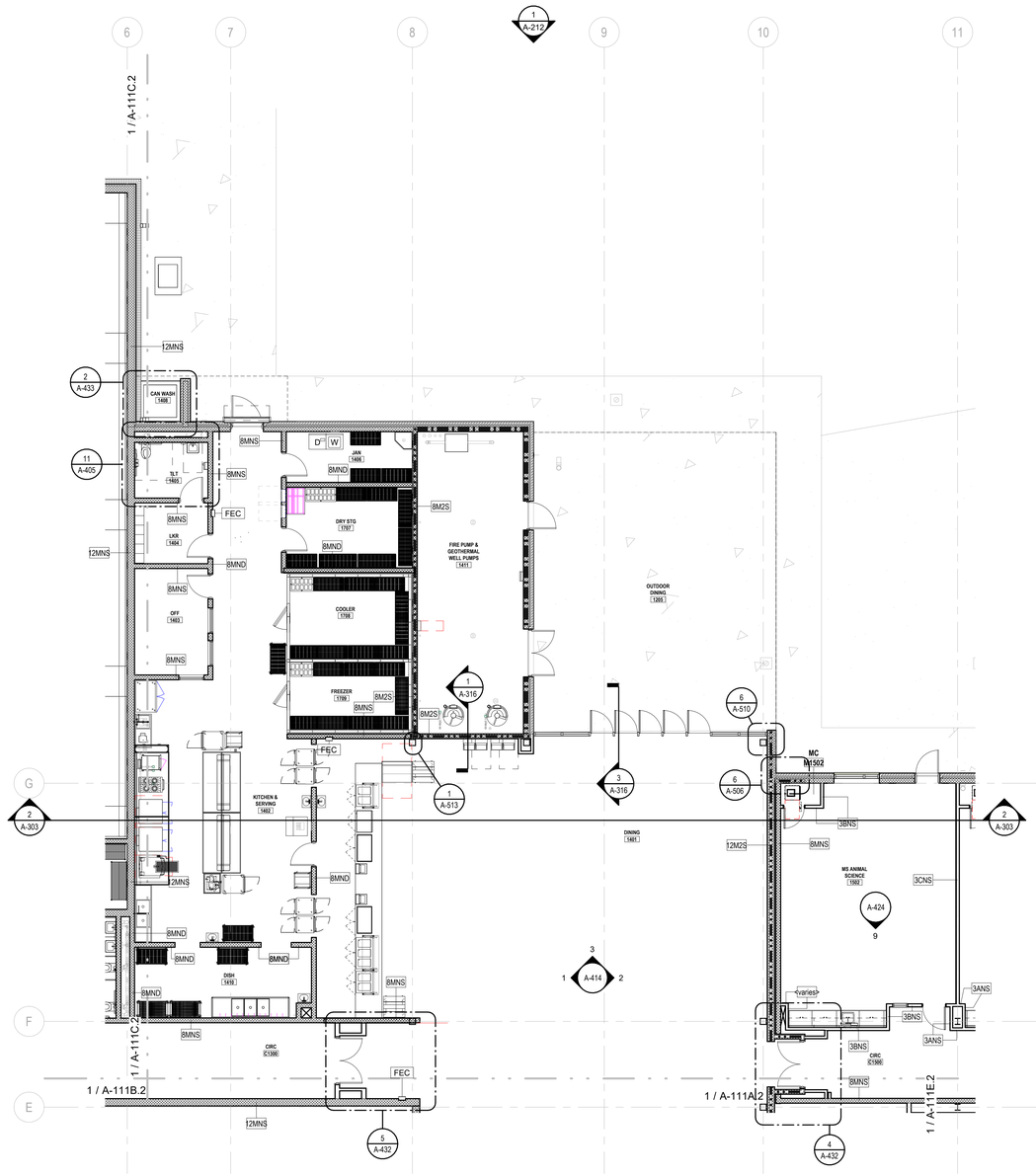

1 FIRST FLOOR PARTIAL PLAN - AREA D

1 A-111D.7

SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

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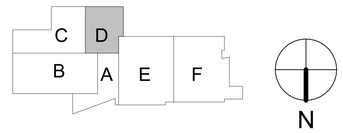

FIRST FLOOR PARTIAL PLAN - AREA D

A-111D.2

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FIRST FLOOR PARTIAL PLAN - AREA E - DIM. PLAN

A-111E.1

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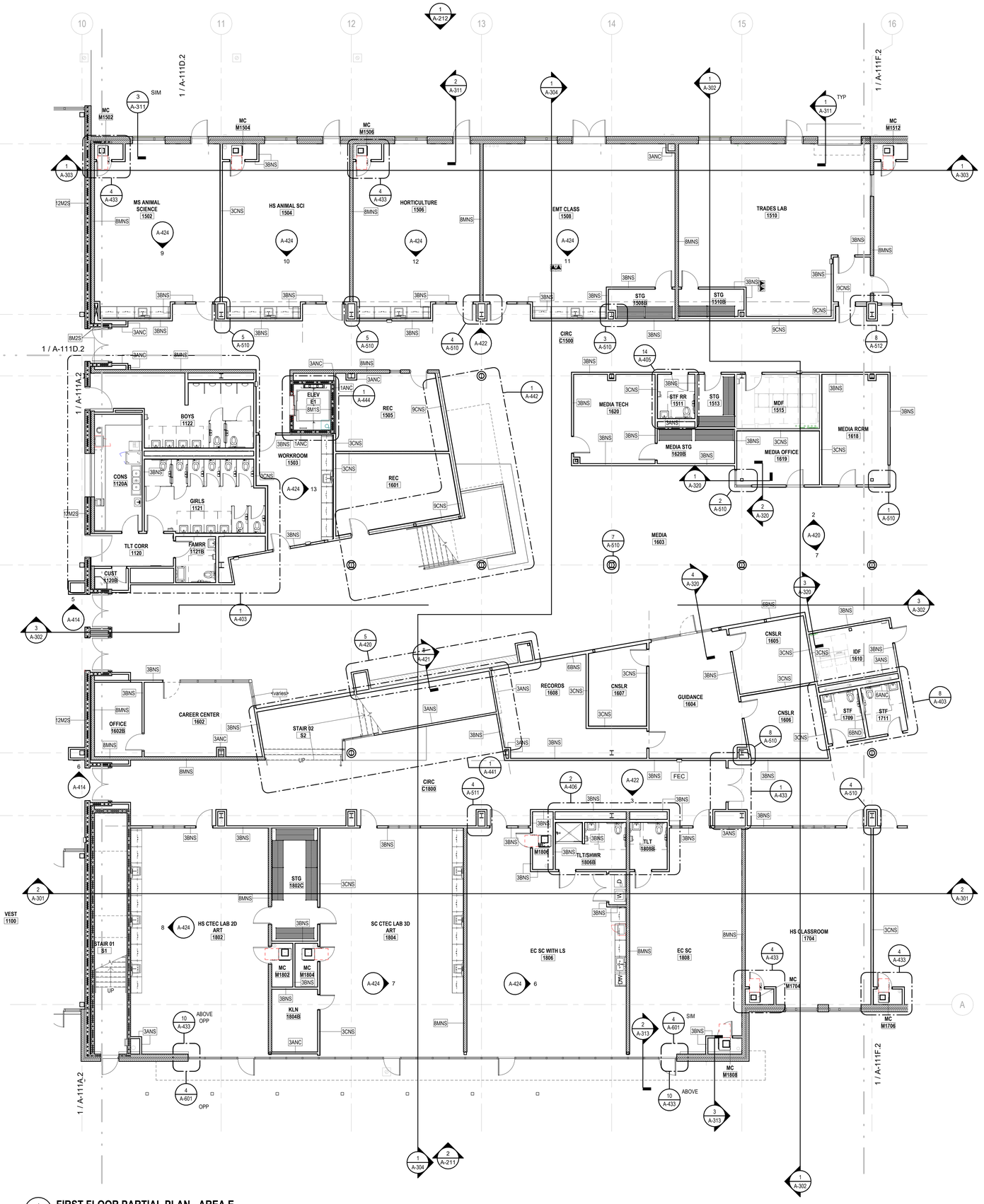

1 A-111E.2 FIRST FLOOR PARTIAL PLAN - AREA E

SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

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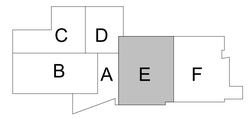

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FIRST FLOOR PARTIAL PLAN - AREA E

A-111E.2

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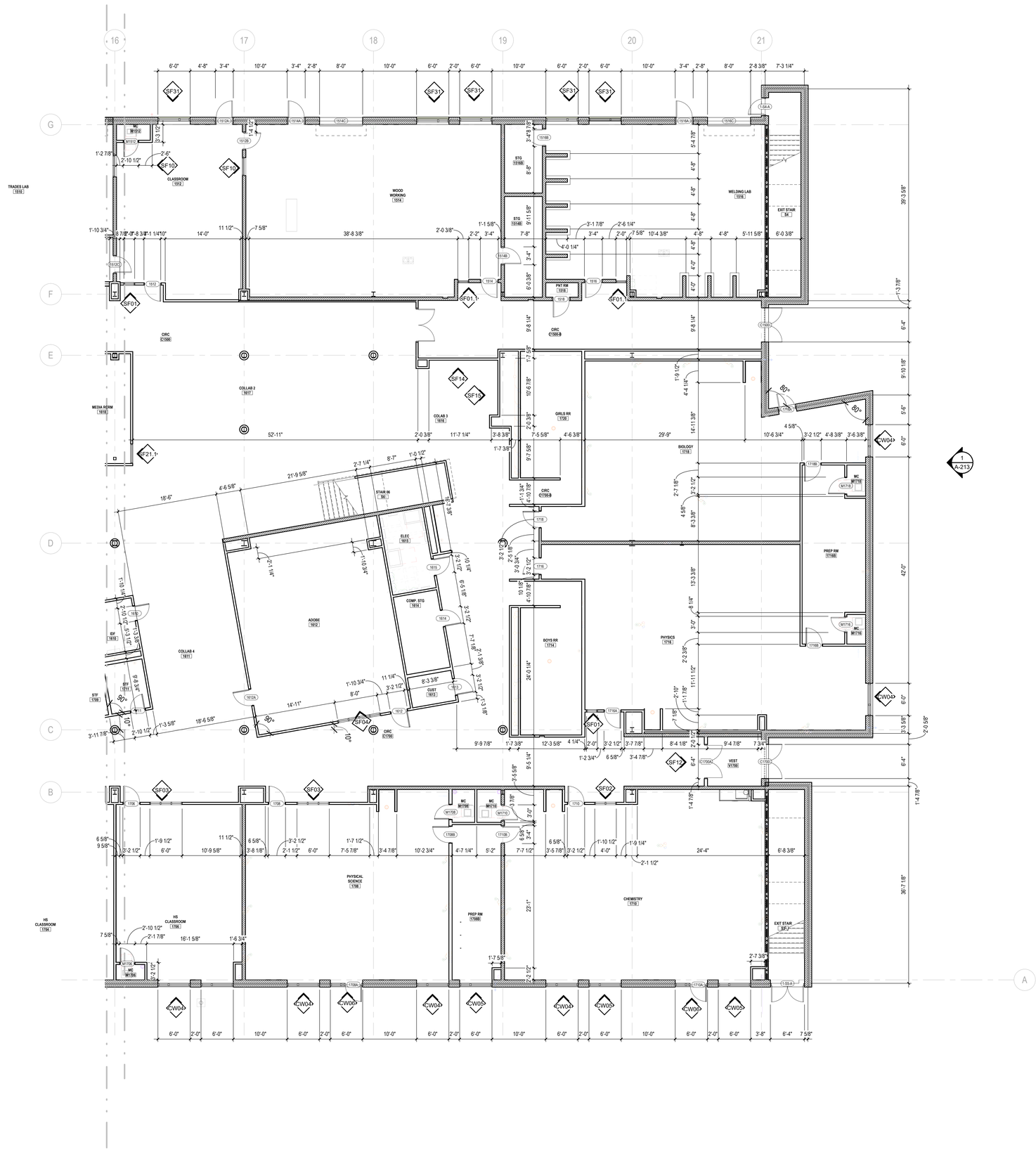

1 A-111F.1 **FIRST FLOOR PARTIAL DIM PLAN - AREA F**

SCALE: 1/8" = 1'-0"

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FIRST FLOOR PARTIAL PLAN - AREA F - DIM. PLAN

A-111F.1

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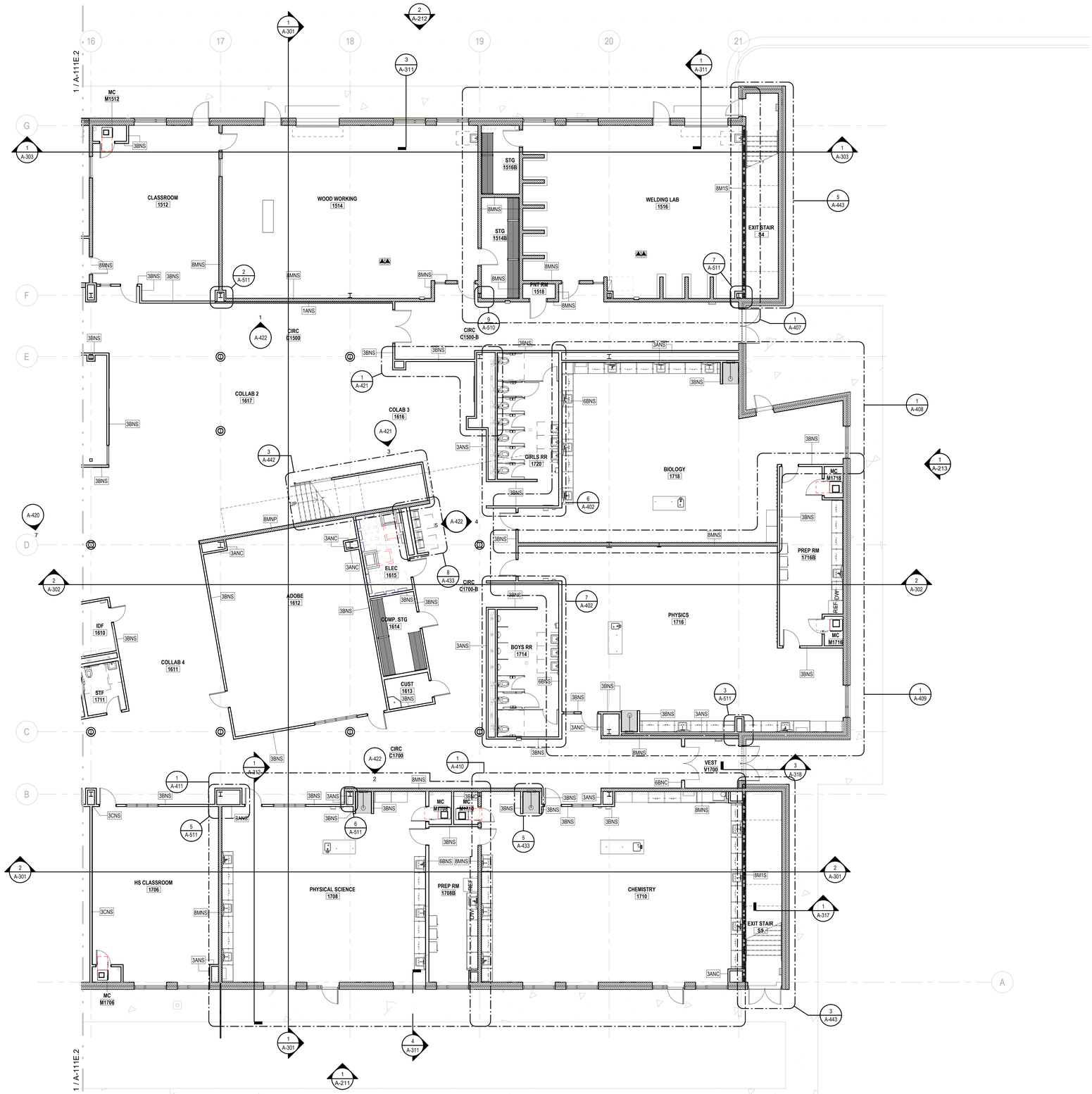

1 FIRST FLOOR PARTIAL PLAN - AREA F

A-111F.2 SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

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FIRST FLOOR PARTIAL PLAN - AREA F

A-111F.2

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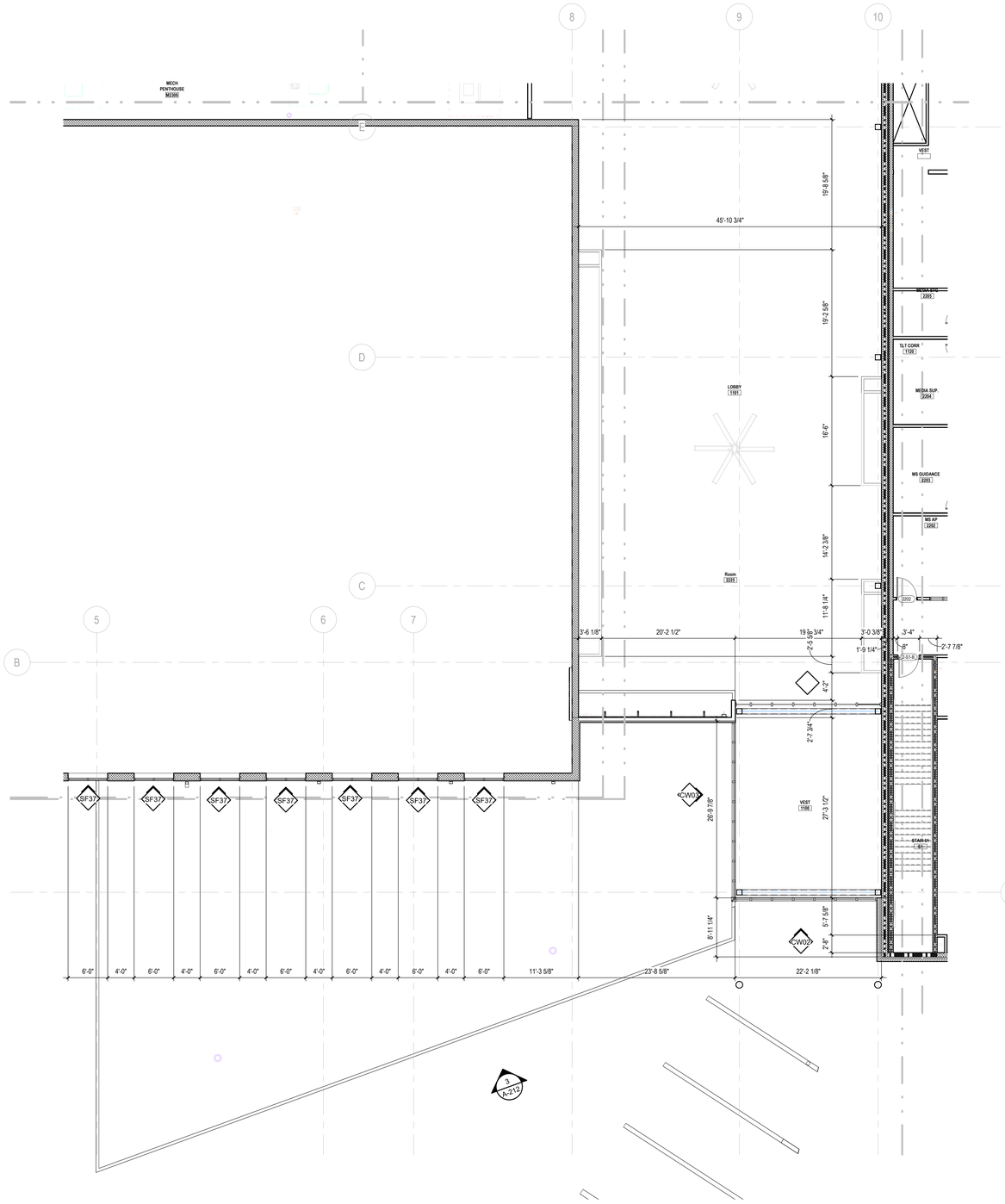

1 A-112A.1 **SECOND FLOOR PARTIAL DIM PLAN - AREA A**

SCALE: 1/8" = 1'-0"

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SECOND FLOOR PARTIAL PLAN - AREA A - DIM. PLAN

A-112A.1

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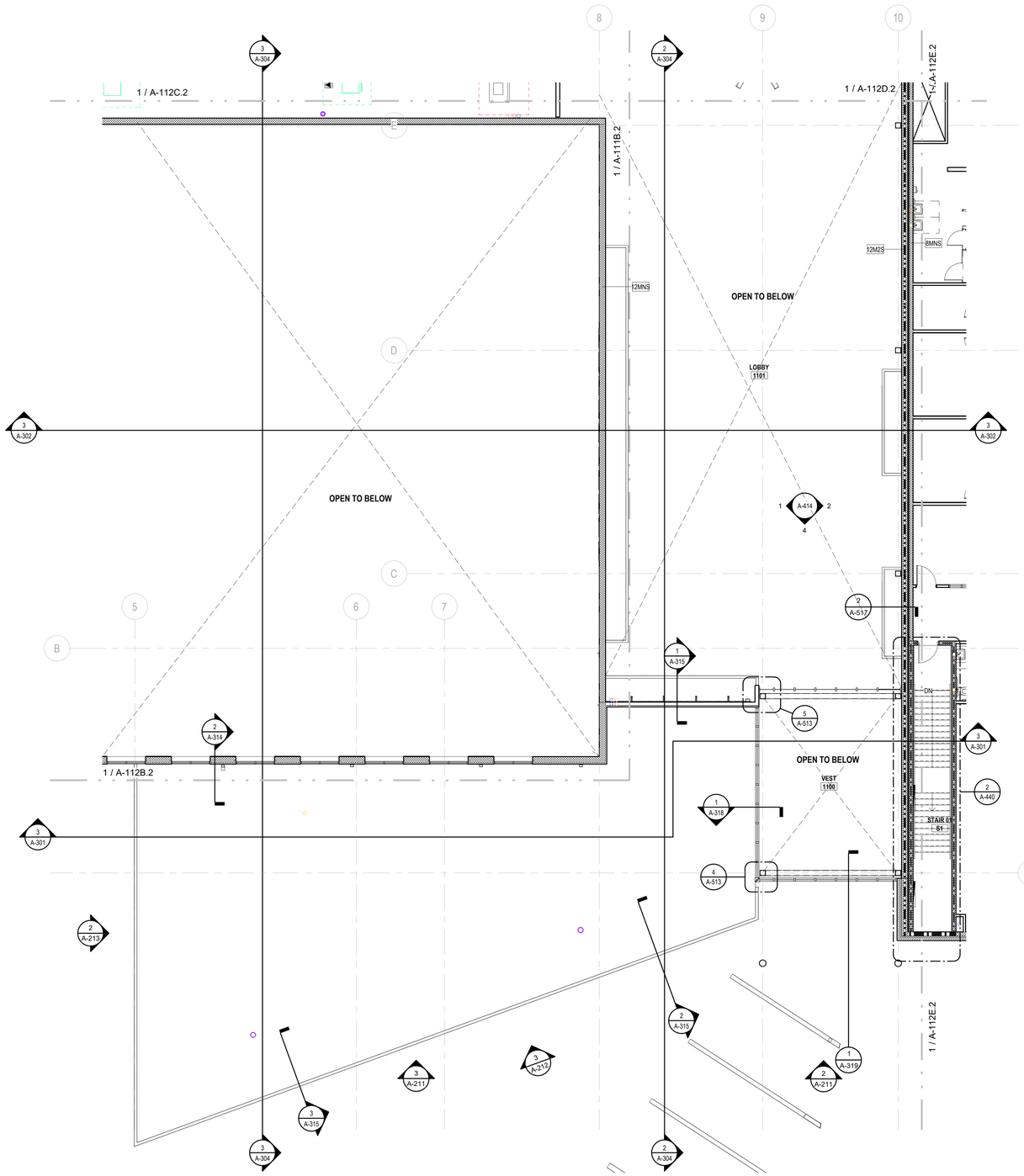

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
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Room name 101A	ROOM TAG

GENERAL NOTES:

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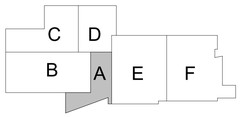
1 A-112A.2 SECOND FLOOR PARTIAL PLAN - AREA A

SCALE: 1/8" = 1'-0"



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SECOND FLOOR PARTIAL PLAN - AREA A

A-112A.2

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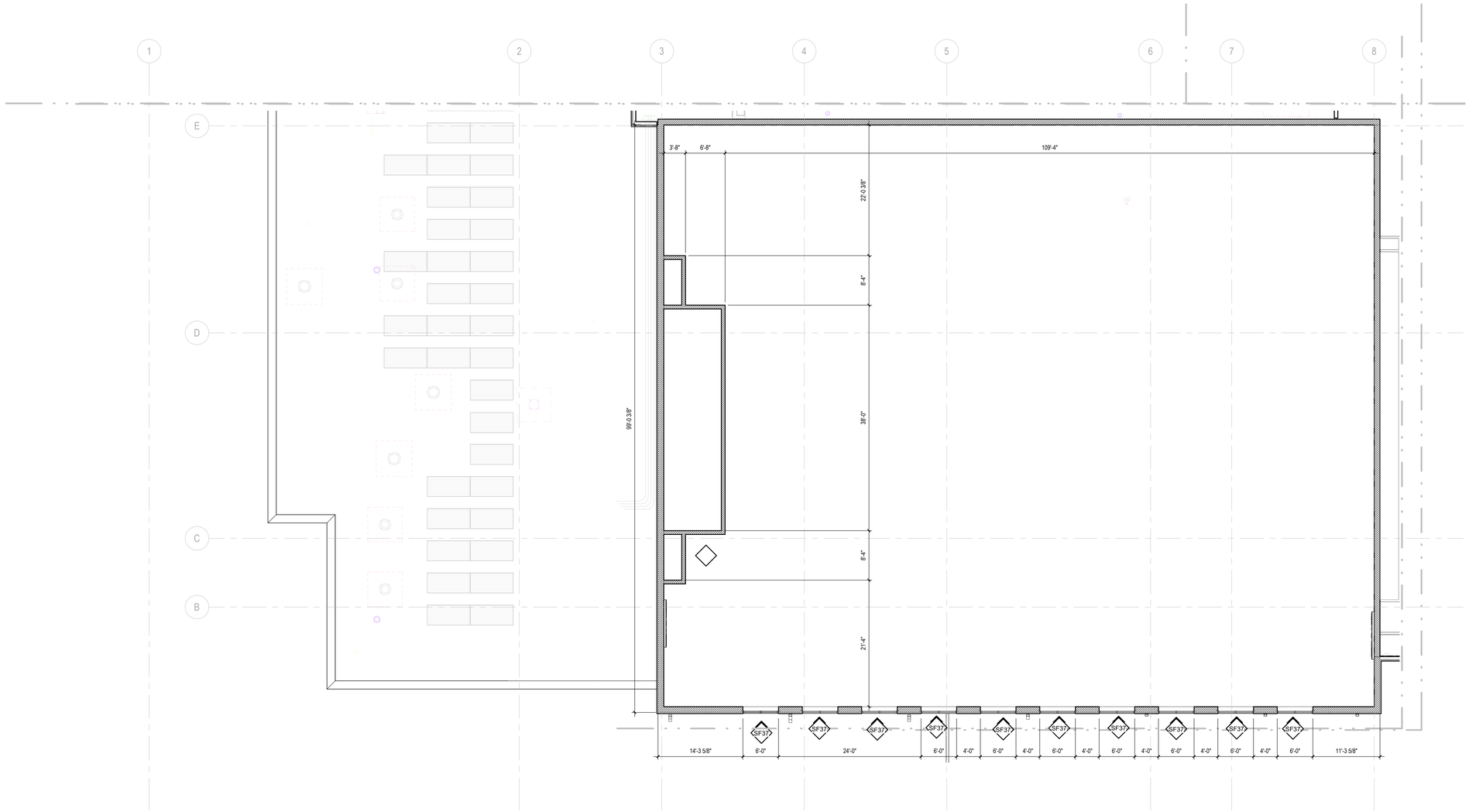

1 A-112B.1 **SECOND FLOOR PARTIAL DIM PLAN - AREA B**

SCALE: 1/8" = 1'-0"

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SECOND FLOOR PARTIAL PLAN - AREA B - DIM. PLAN

A-112B.1

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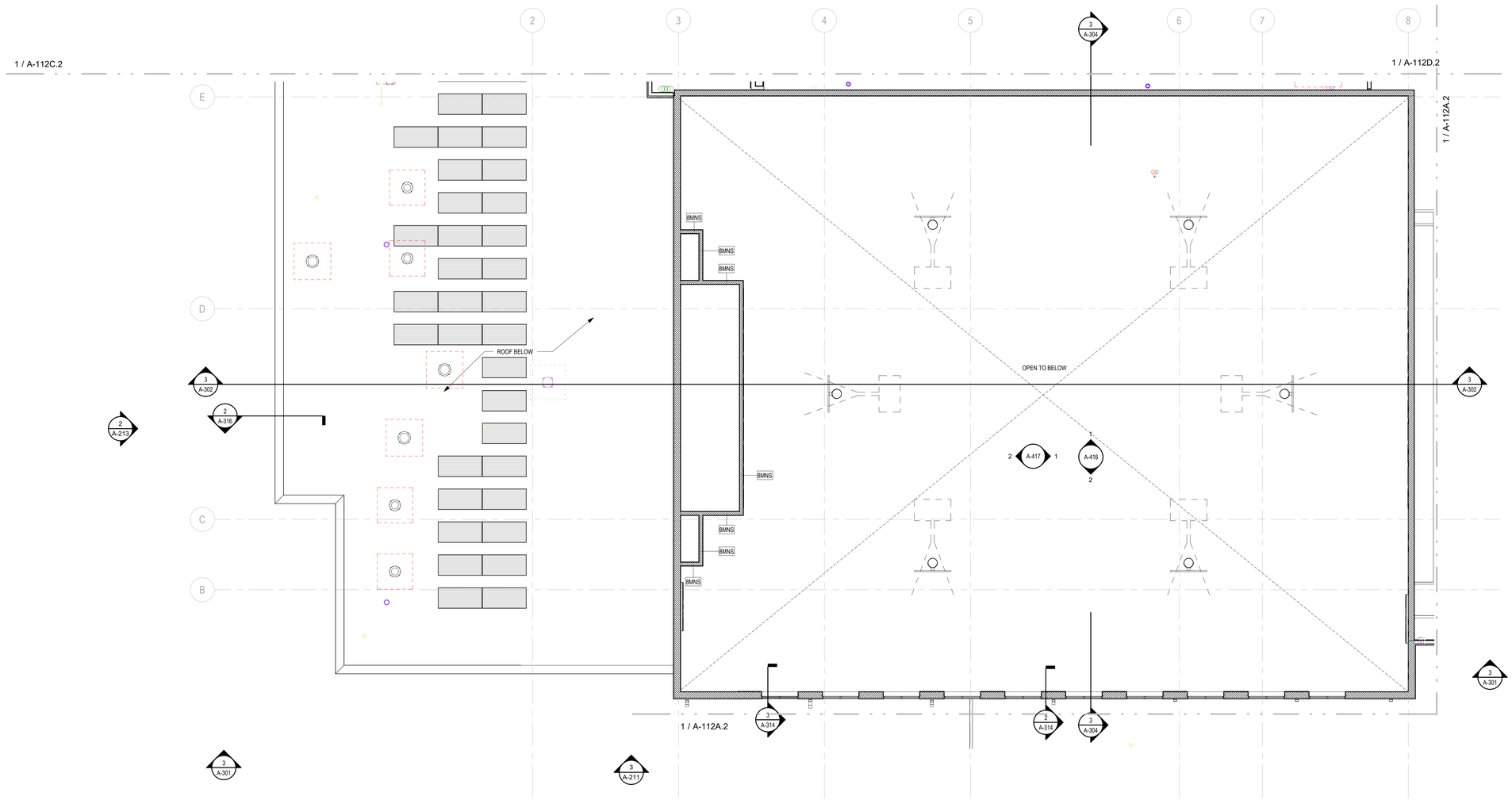

1 A-112B.2 **SECOND FLOOR PARTIAL PLAN - AREA B**
SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
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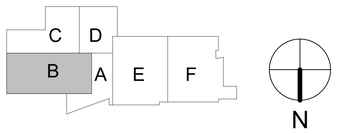

SECOND FLOOR PARTIAL PLAN - AREA B

A-112B.2

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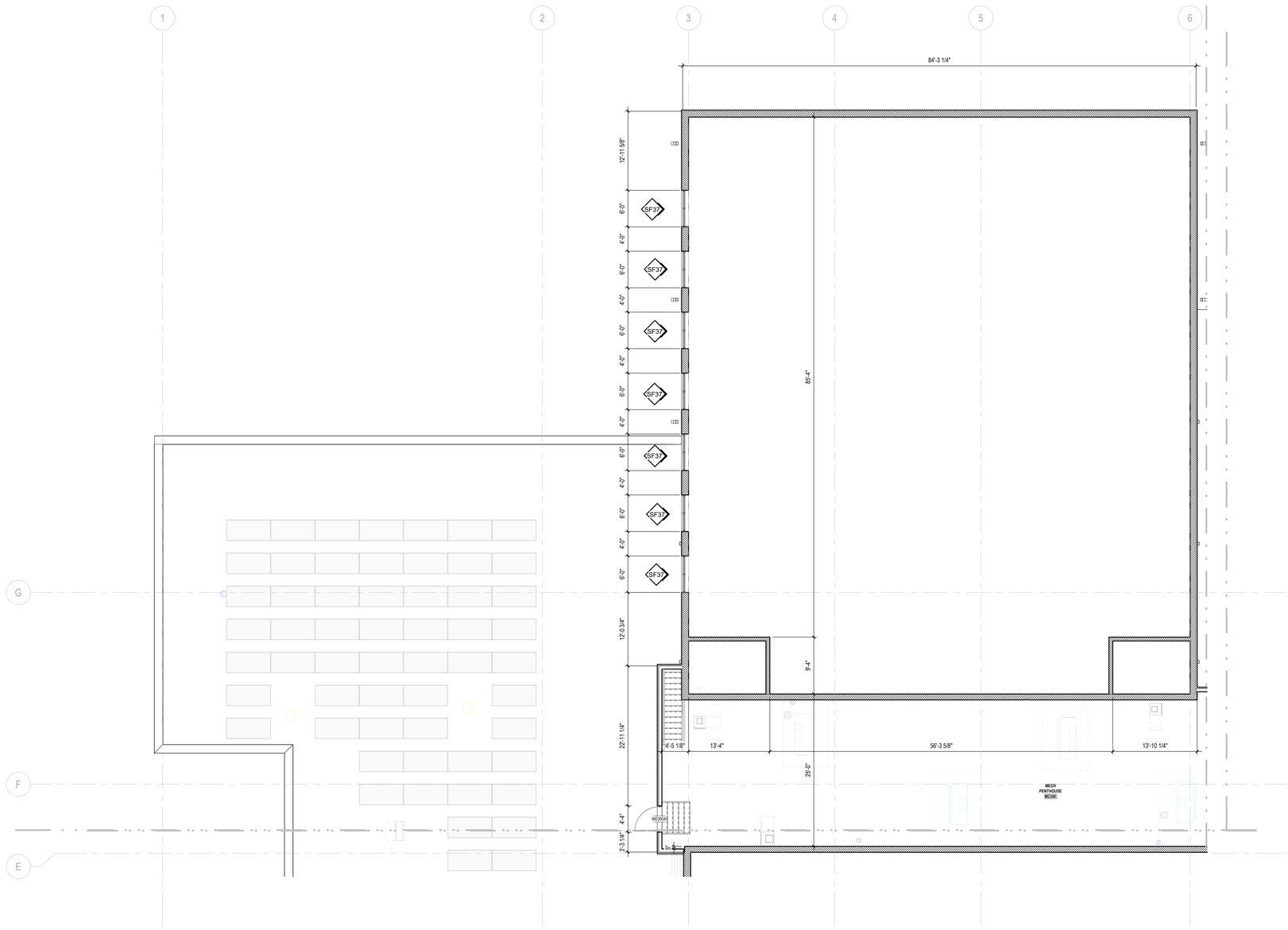

1 A-112C.1 **SECOND FLOOR PARTIAL DIM PLAN - AREA C**

SCALE: 1/8" = 1'-0"

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NICK LINDSTROM 6.12.24 FAYETTEVILLE NORTH CAROLINA

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

SECOND FLOOR PARTIAL PLAN - AREA C - DIM. PLAN

A-112C.1

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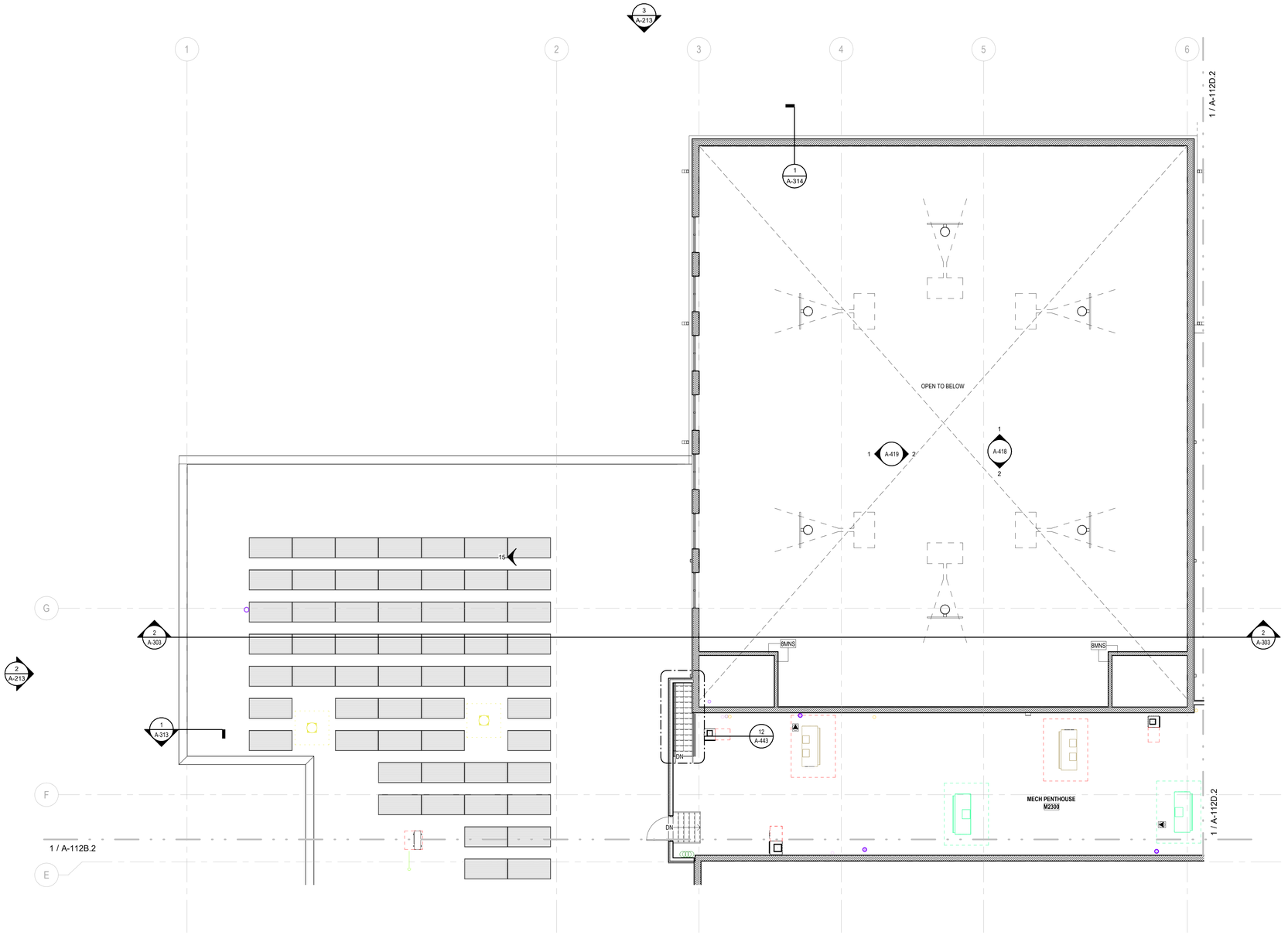
FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

1. SEE SHEET A-010 FOR PARTITION TYPES AND DETAILS.
2. CONTRACTOR RESPONSIBLE FOR PROCUREMENT AND INSTALLATION OF LOCKERS
3. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS - U.N.O.



1 A-112C.2 **SECOND FLOOR PARTIAL PLAN - AREA C**
SCALE: 1/8" = 1'-0"

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ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
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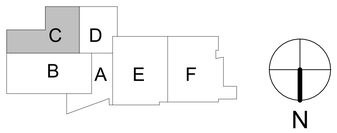

SECOND FLOOR PARTIAL PLAN - AREA C

A-112C.2

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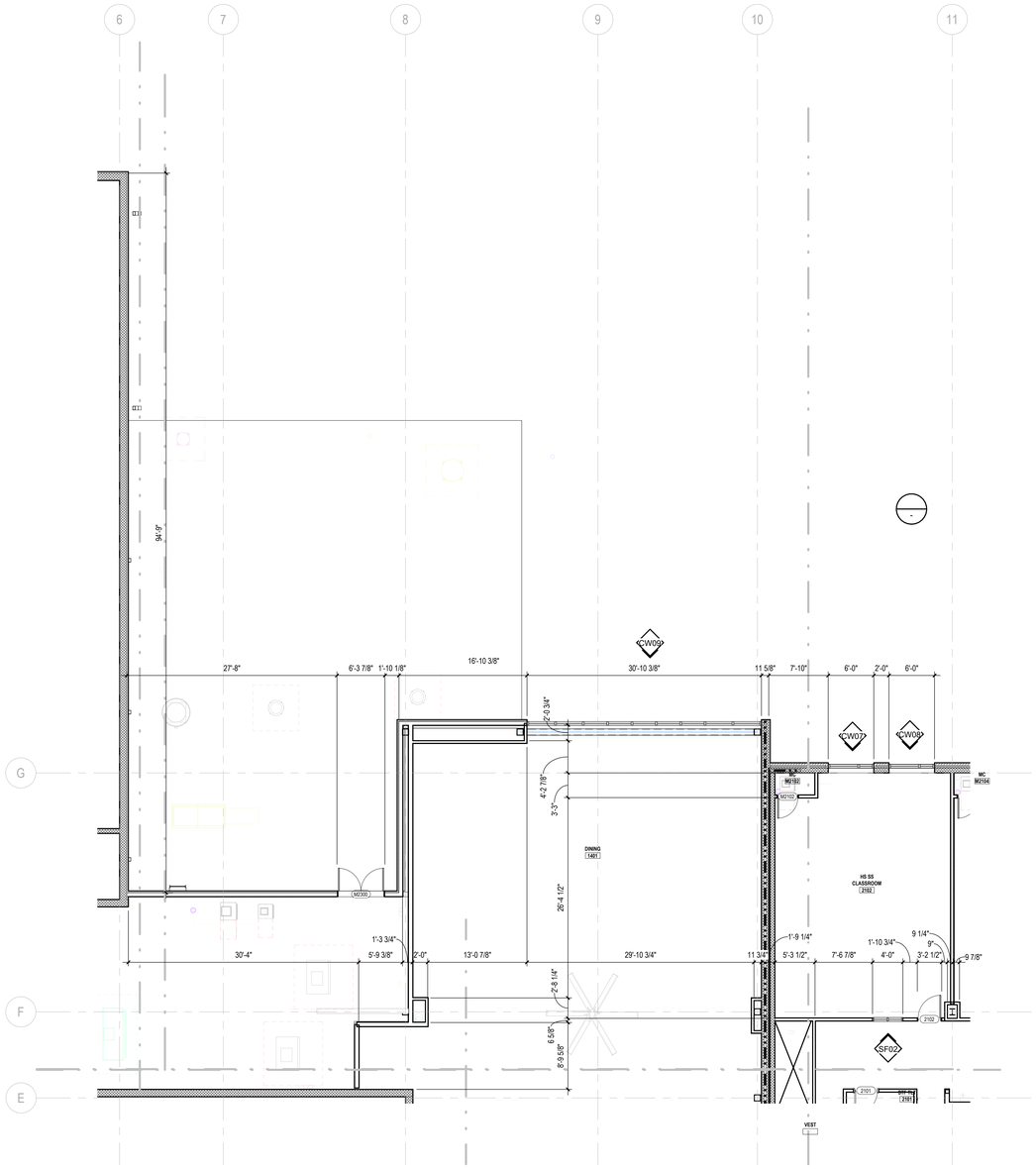

1 A-112D.1 **SECOND FLOOR PARTIAL DIM PLAN - AREA D**

SCALE: 1/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

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ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

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SECOND FLOOR PARTIAL PLAN - AREA D - DIM. PLAN

A-112D.1

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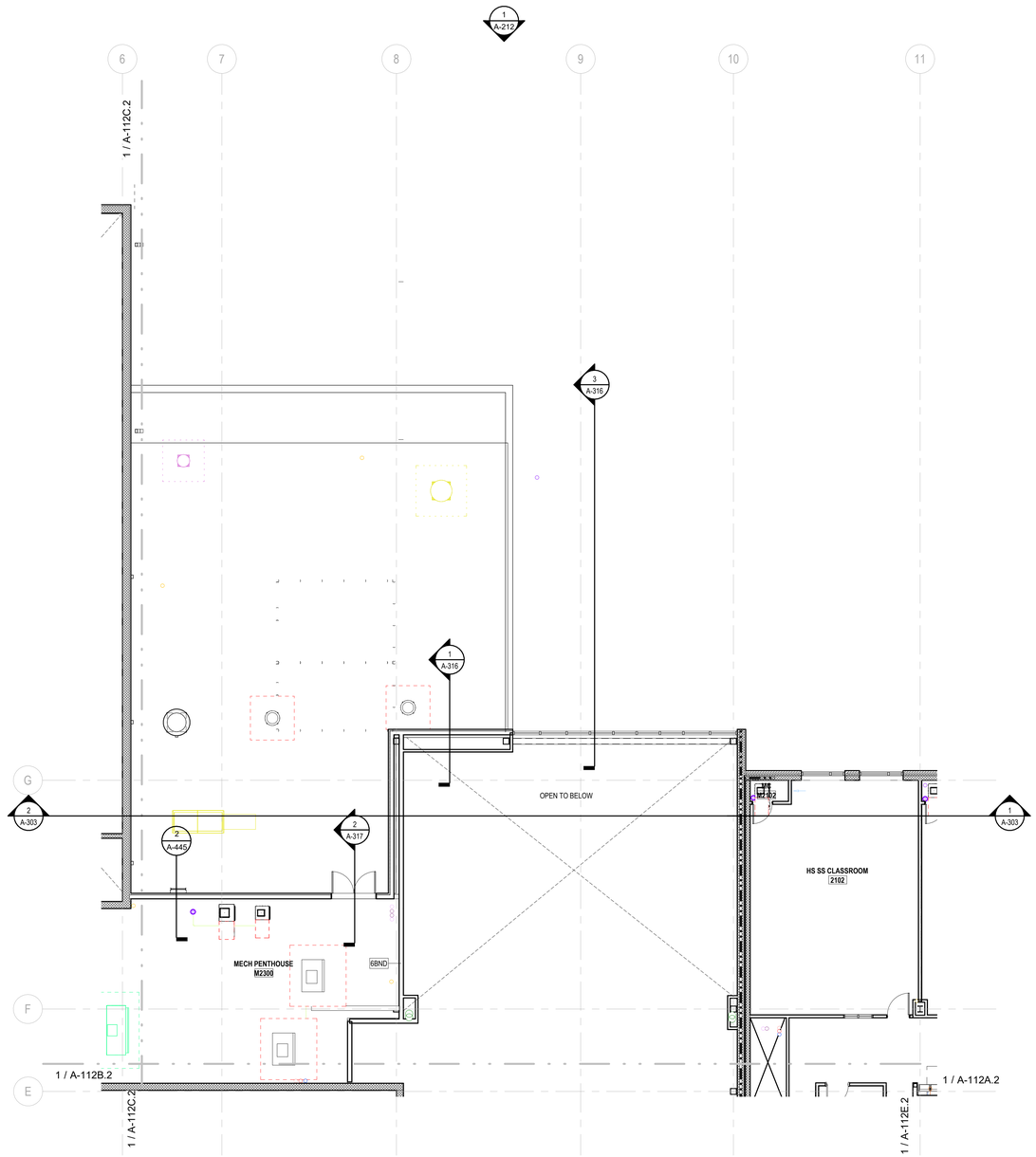

1 A-112D.2 **SECOND FLOOR PARTIAL PLAN - AREA D**
SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 185A	ROOM TAG

GENERAL NOTES:

1. SEE SHEET A-010 FOR PARTITION TYPES AND DETAILS.
2. CONTRACTOR RESPONSIBLE FOR PROCUREMENT AND INSTALLATION OF LOCKERS
3. ALL INTERIOR WALLS SHALL HAVE SOUND ATTENUATION BATTS - U.N.O.

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CONSTRUCTION DOCUMENTS

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ISSUE DATE:		06/12/24
PROJECT #:		2205
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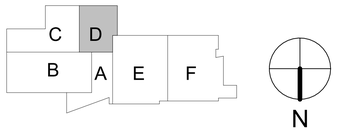

SECOND FLOOR PARTIAL PLAN - AREA D

A-112D.2

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1 A-112E.1 **SECOND FLOOR PARTIAL DIM PLAN - AREA E**

SCALE: 1/8" = 1'-0"

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SECOND FLOOR PARTIAL PLAN - AREA E - DIM. PLAN

A-112E.1

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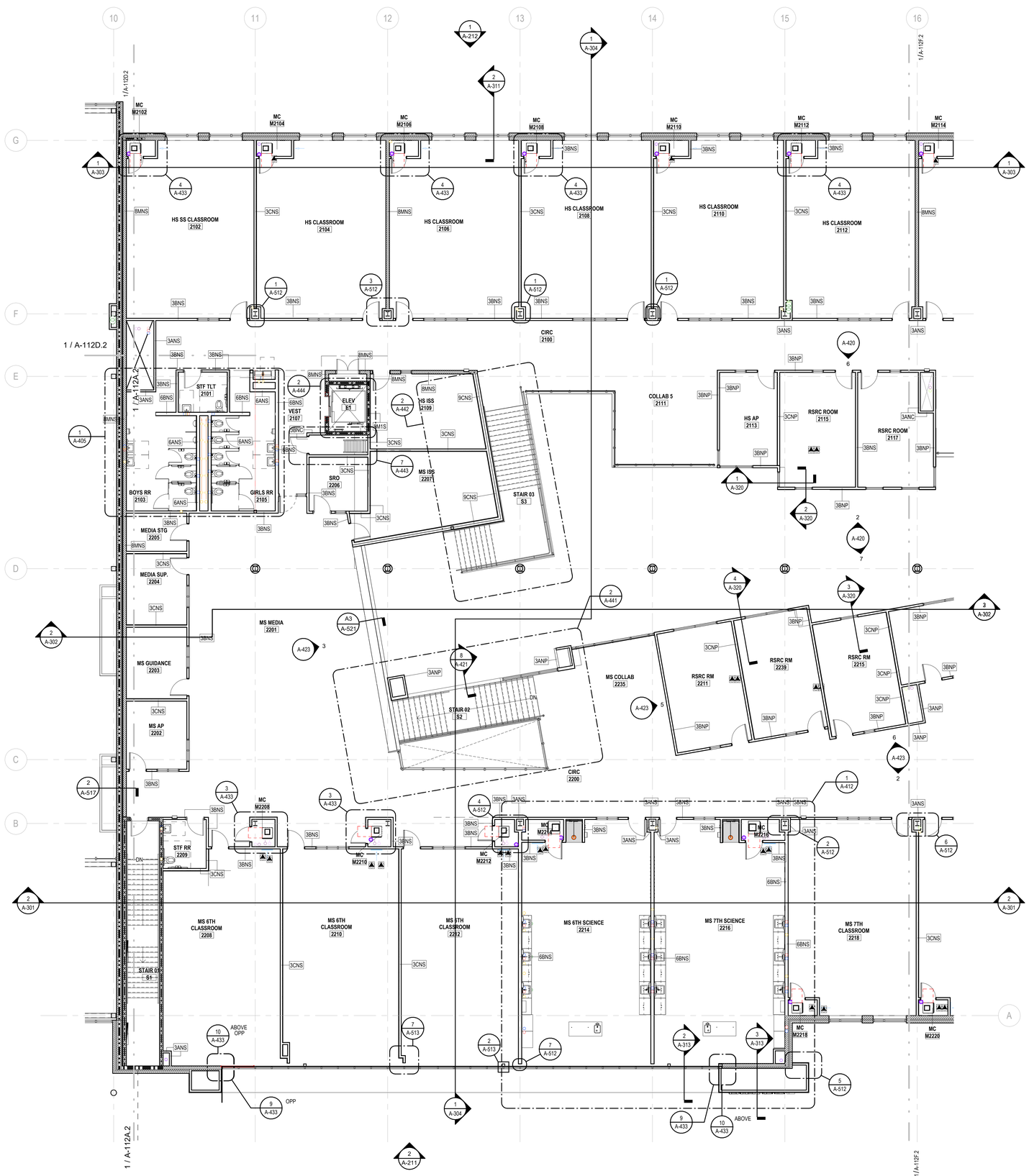

1 SECOND FLOOR PARTIAL PLAN - AREA E

1/A-112E.2

SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

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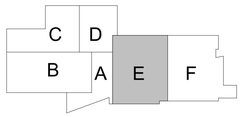
SECOND FLOOR PARTIAL PLAN - AREA E

A-112E.2



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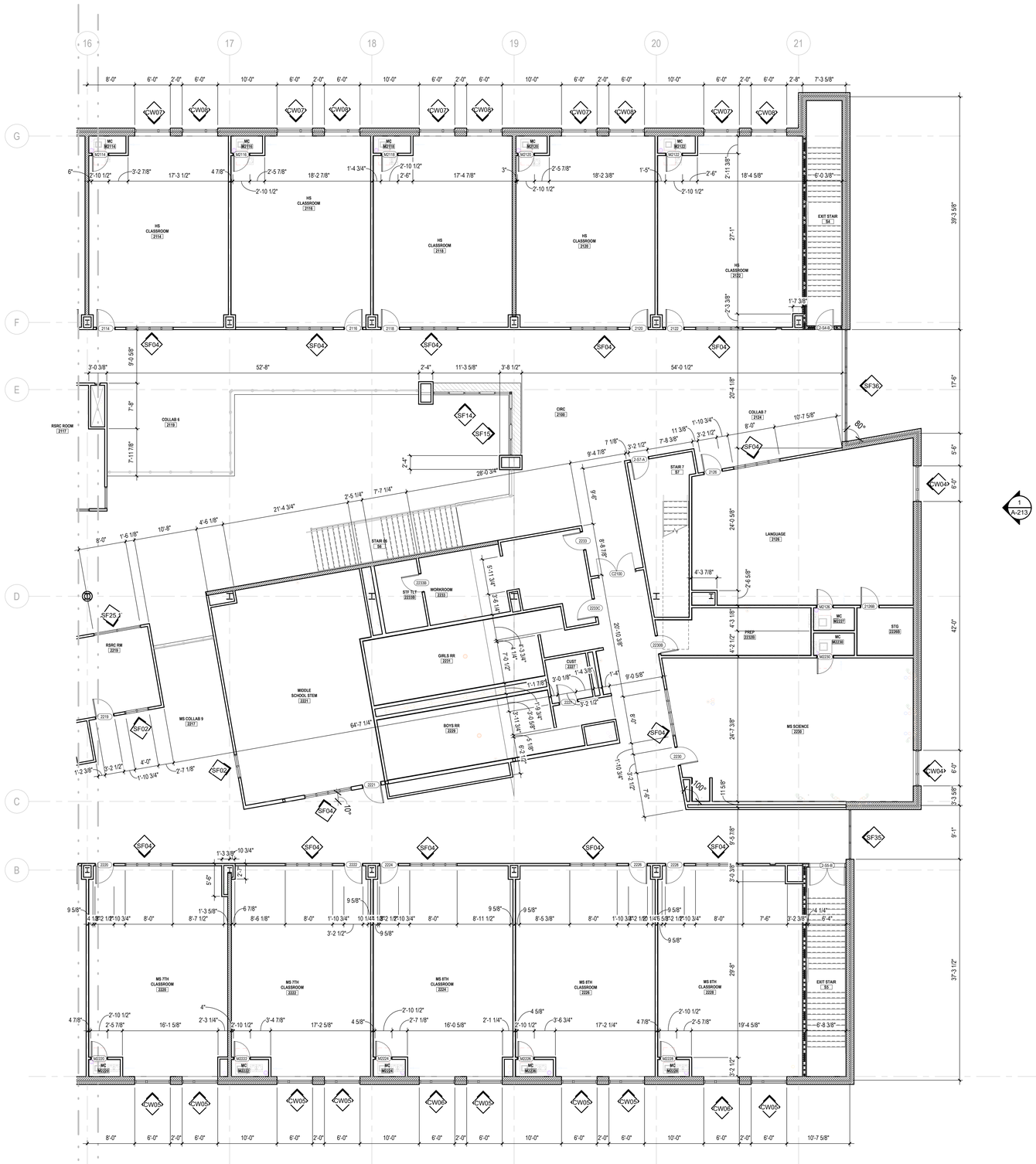

1 A-112F.1 **SECOND FLOOR PARTIAL DIM PLAN - AREA F**

SCALE: 1/8" = 1'-0"

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ENERGY STAR PARTNER

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SECOND FLOOR PARTIAL PLAN - AREA F - DIM. PLAN

A-112F.1

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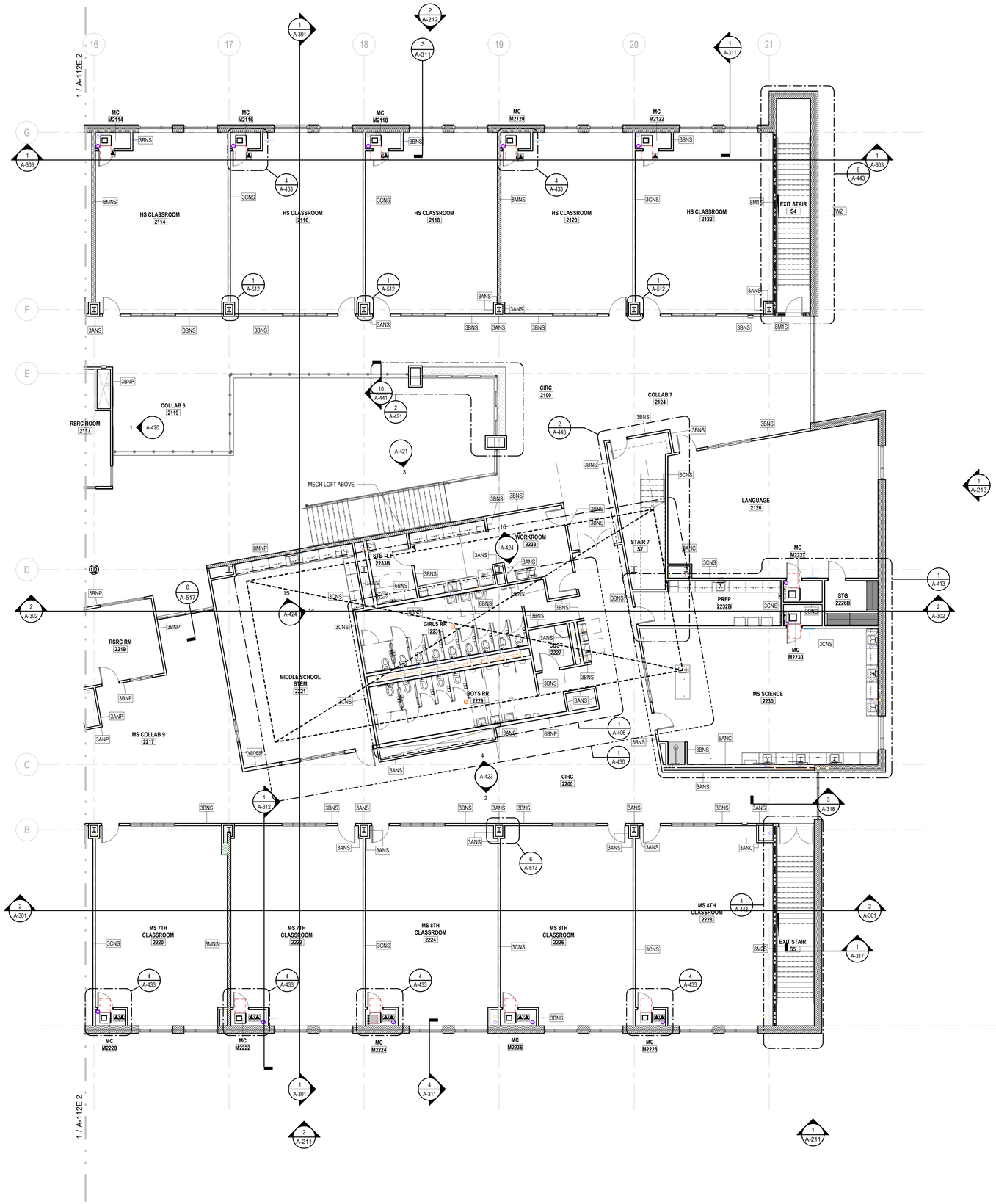

1 A-112F.2 SECOND FLOOR PARTIAL PLAN - AREA F

SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	2 HOUR RATED WALL
CJ	CONTROL JOINT
	FLOOR DRAIN - SEE PLUMBING DRAWINGS
SF1	STOREFRONT (CURTAIN WALL) TAG - SEE PLANS AND ENLARGED ELEVATIONS
100	DOOR TAG - SEE SHEET A-601 AND FLOOR PLANS
Room name 101A	ROOM TAG

GENERAL NOTES:

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2. CONTRACTOR RESPONSIBLE FOR PROCUREMENT AND INSTALLATION OF LOCKERS
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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: MK
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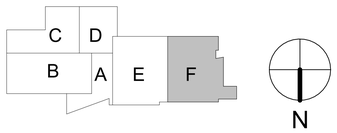

SECOND FLOOR PARTIAL PLAN - AREA F

A-112F.2

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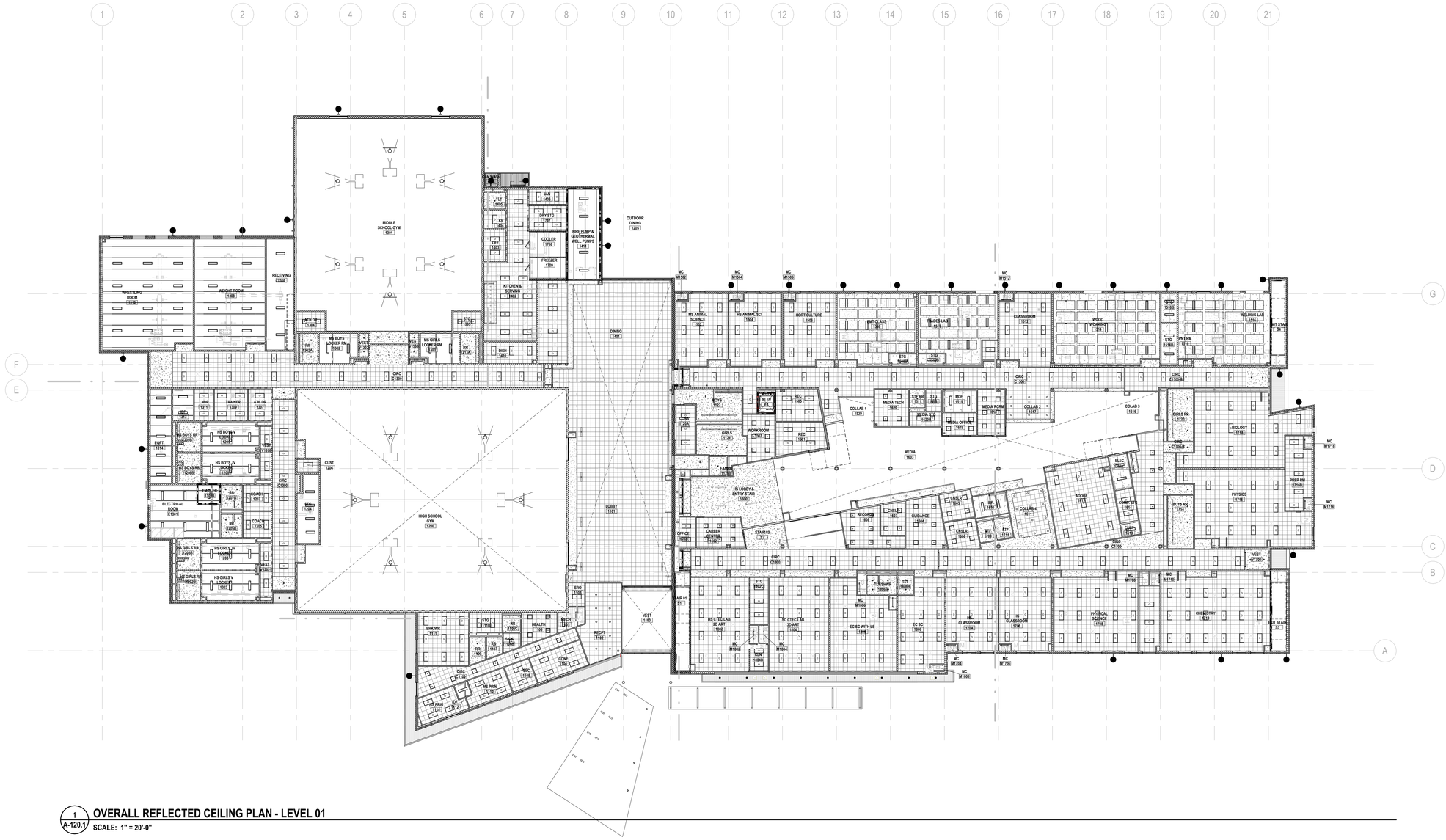
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HIGH SCHOOL GYM 1200
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WEIGHT ROOM 1308
RECEIVING 1309
LOCK DR 1304
MS BOYS LOCKER RM 1302
MS GIRLS LOCKER ROOM 1303
VEST 1305
CIRC C1300
EQPT 1314
LADR 1311
TRAINER 1309
ATH DR 1307
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VEST 1208C
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RR 1307B
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COACH 1209
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CUST 1206
STO 1205
ELEC E1200
JAN 1305
DRY STO 1701
COOLER 1702
FREEZER 1703
FIRE PUMP & ELECTRICAL WELL HOUSE 1410
KITCHEN & SERVING 1402
DISH 1419
OUTDOOR DINING 1205
DINING 1401
LOBBY 1101
MC M1302
MC M1304
MC M1306
MC M1312
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HS ANIMAL SCI 1304
HORTICULTURE 1308
ART CLASS 1306
TRADES LAB 1310
CLASSROOM 1312
WOOD WORKING 1314
WELDING LAB 1316
CIRC C1300B
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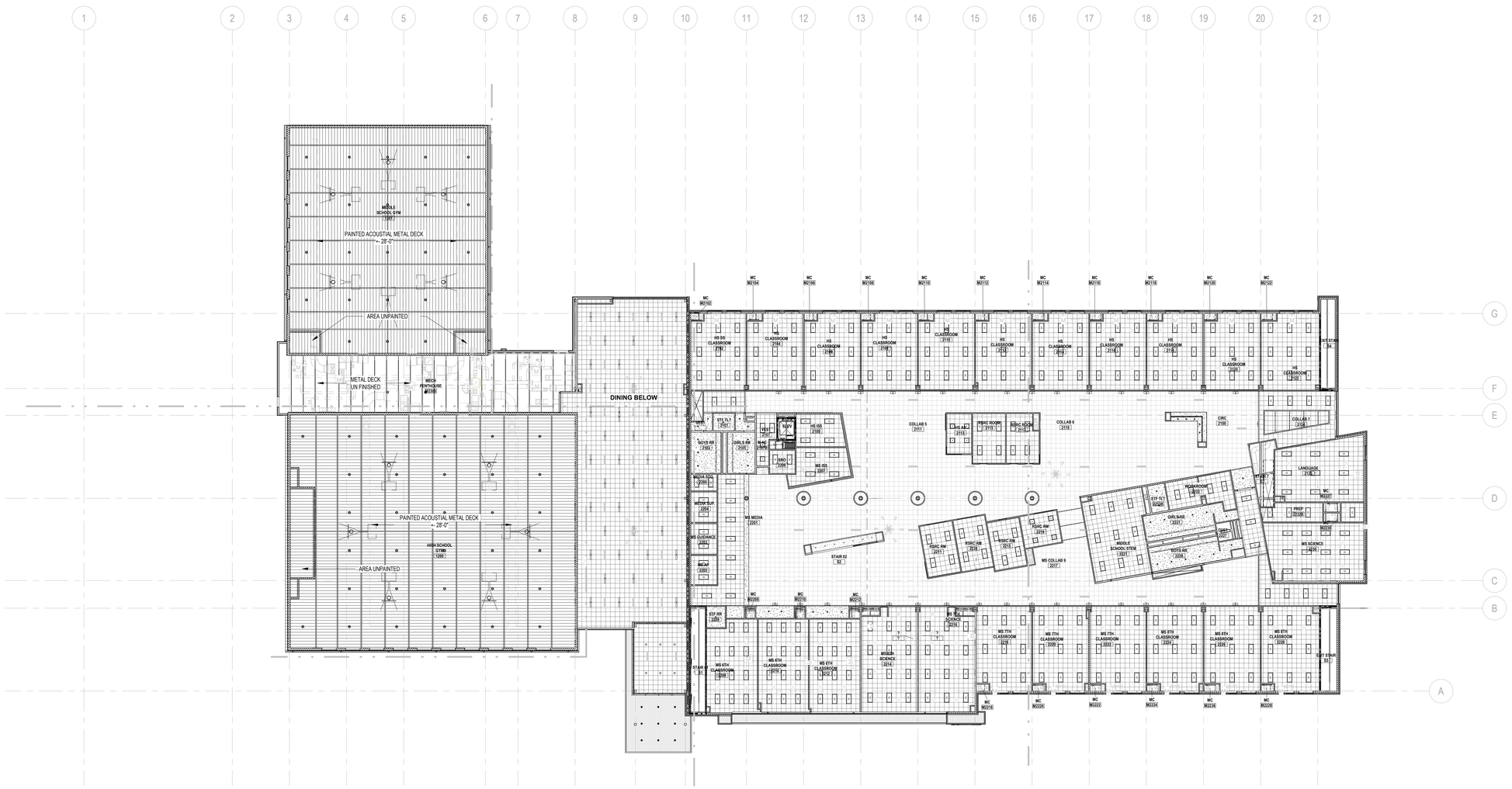

1 A-120.2 **OVERALL REFLECTED CEILING PLAN - LEVEL 02**

SCALE: 1" = 20'-0"

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6.12.24

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

OVERALL REFLECTED CEILING PLAN - LEVEL 02

A-120.2

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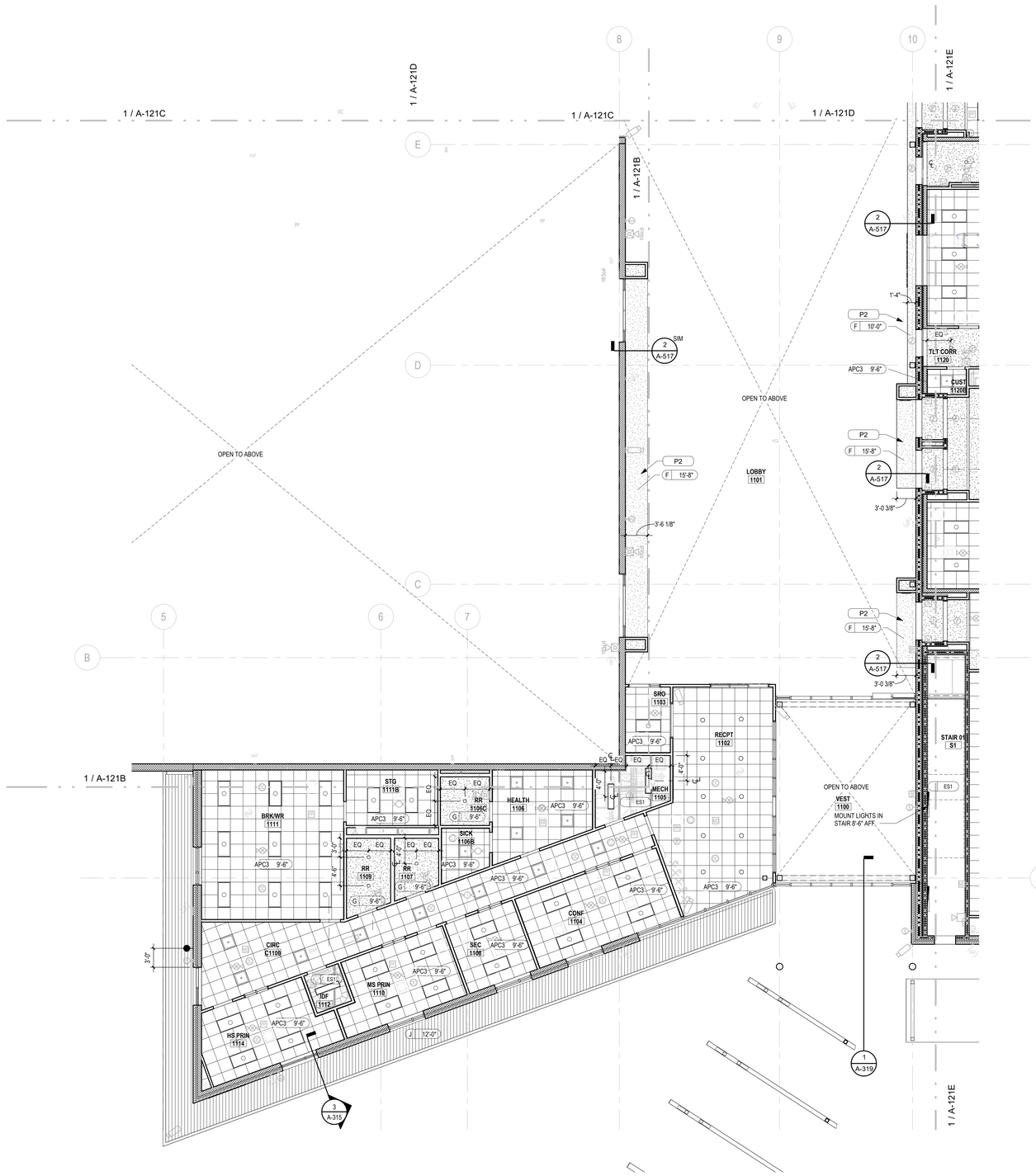

1 A-121A **FIRST FLOOR RCP AREA A**
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A — 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
4. LIGHTS IN MECHANICAL CLOSETS TO BE INSTALLED IN COORDINATION WITH MECHANICAL CONTRACTOR. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS.
5. MOUNT EXTERIOR WALL-MOUNTED FIXTURES AT 9'-0" AFF, UNO. REFER TO A-400 SERIES FOR ALL OTHER WALL-MOUNTED LIGHT FIXTURE PLACEMENT INFORMATION.

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REGISTERED LANDSCAPE ARCHITECT 6.12.24 PAMELA J. HARRELSON

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE:	06/12/24
PROJECT #:	2205
DRAWN BY:	MK
CHECKED BY:	MK

C D B A E F

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REFLECTED CEILING PLAN -LEVEL 01 -AREA A

A-121A

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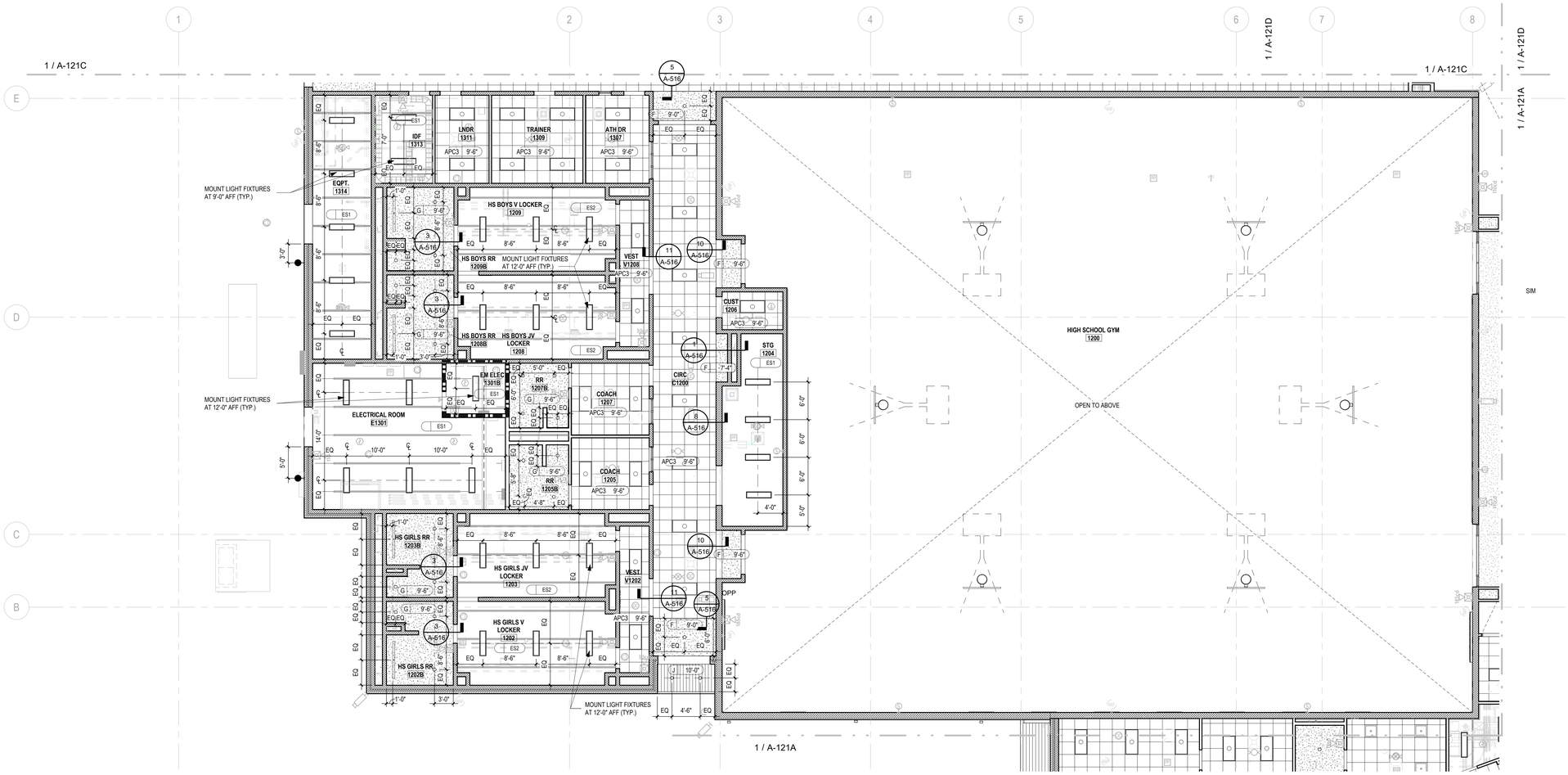

1 / A-121B **FIRST FLOOR RCP AREA B**
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
4. LIGHTS IN MECHANICAL CLOSETS TO BE INSTALLED IN COORDINATION WITH MECHANICAL CONTRACTOR. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS.
5. MOUNT EXTERIOR WALL-MOUNTED FIXTURES AT 9'-0" AFF, UNO. REFER TO A-400 SERIES FOR ALL OTHER WALL-MOUNTED LIGHT FIXTURE PLACEMENT INFORMATION.

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

REFLECTED CEILING PLAN -LEVEL 01 -AREA B

A-121B

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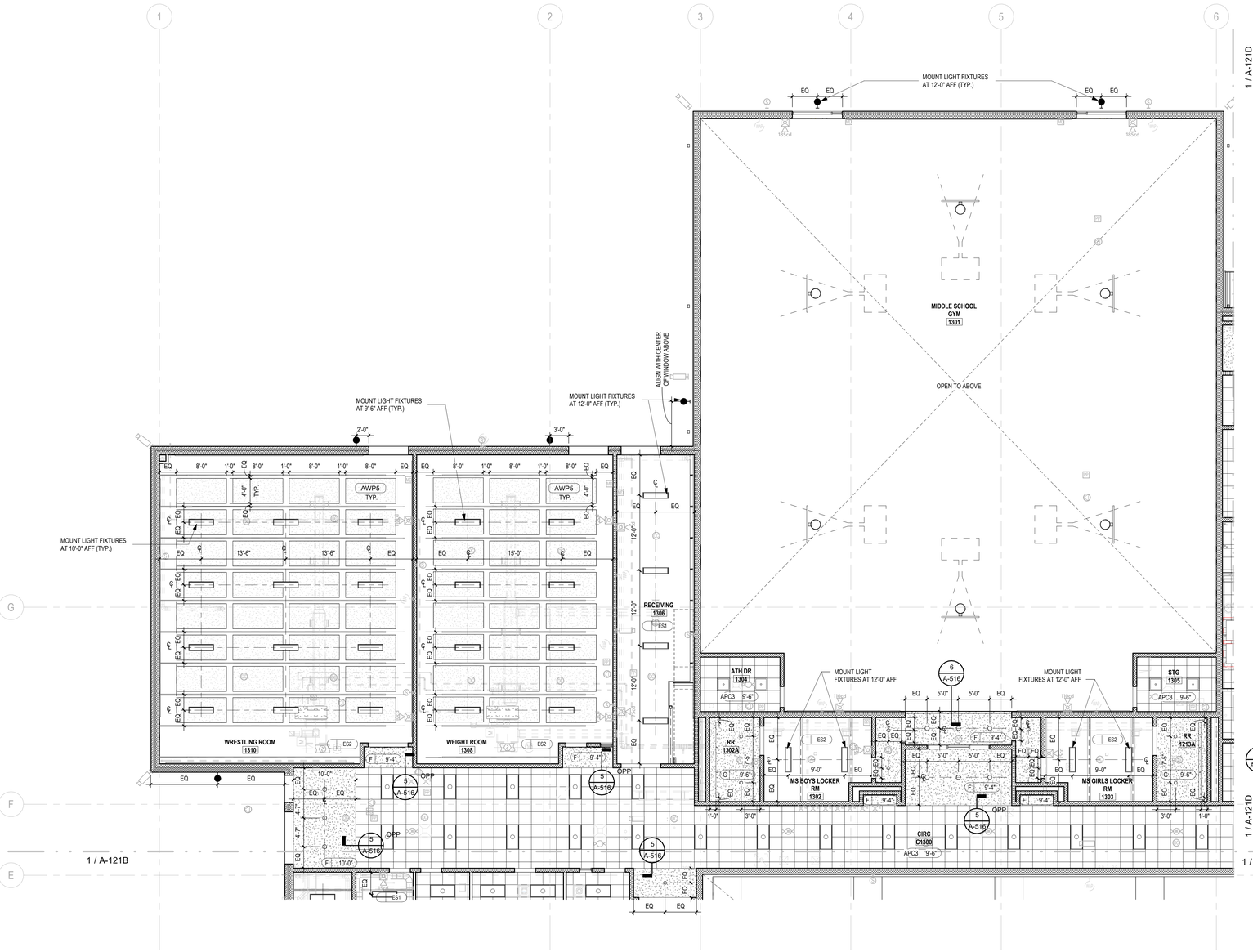

1 A-121C **FIRST FLOOR RCP AREA C**

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
D	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
4. LIGHTS IN MECHANICAL CLOSETS TO BE INSTALLED IN COORDINATION WITH MECHANICAL CONTRACTOR. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS.
5. MOUNT EXTERIOR WALL-MOUNTED FIXTURES AT 9'-0" AFF, UNO. REFER TO A-400 SERIES FOR ALL OTHER WALL-MOUNTED LIGHT FIXTURE PLACEMENT INFORMATION.

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PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

REFLECTED CEILING PLAN -LEVEL 01 -AREA C

C D B A E F

N

A-121C

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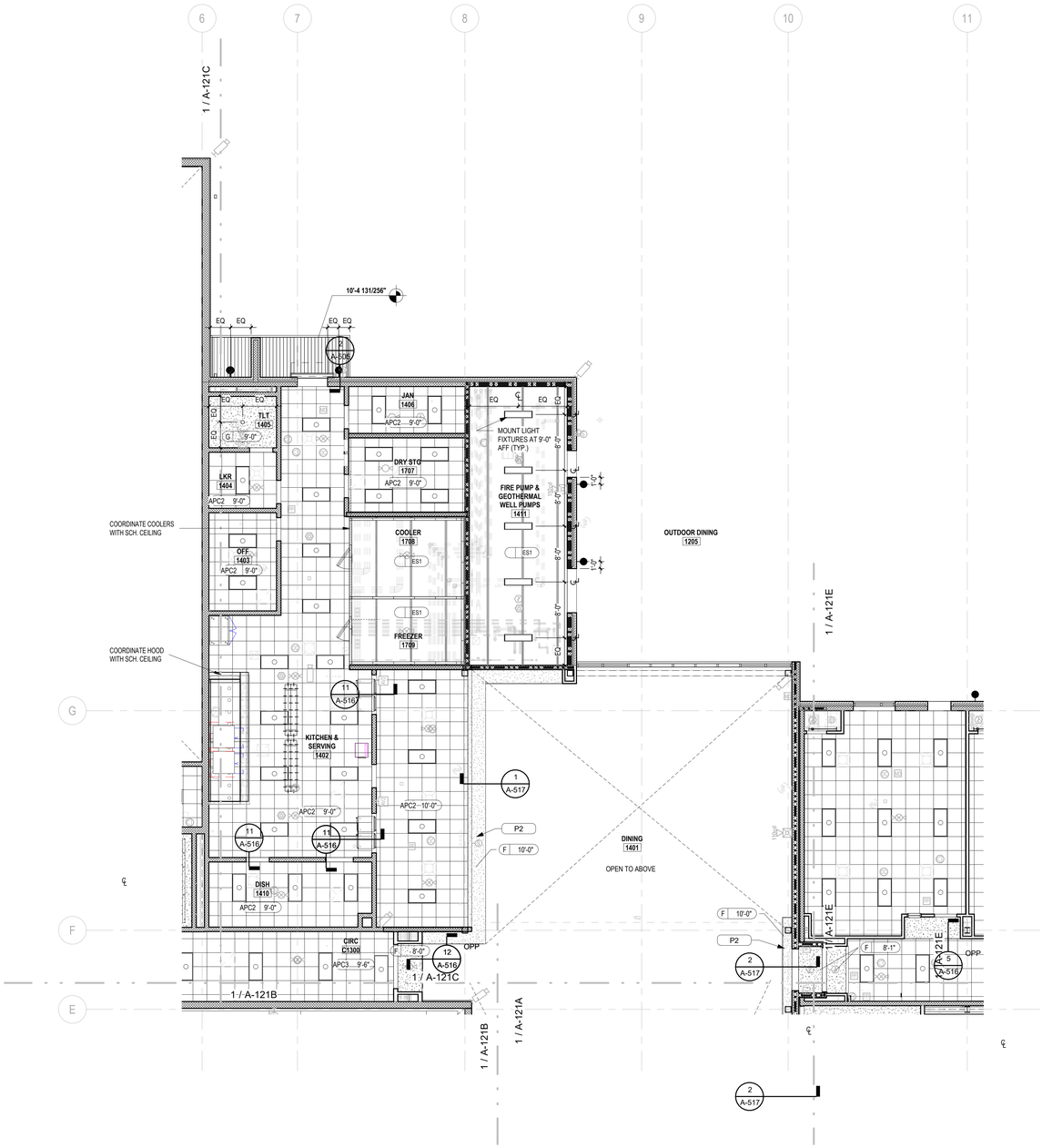

1 / A-121D **FIRST FLOOR RCP AREA D**

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
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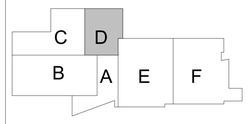
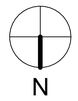
CHECKED BY:		MK





REFLECTED CEILING PLAN -LEVEL 01 -AREA D

A-121D

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1 A-121E FIRST FLOOR RCP AREA E

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A — 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
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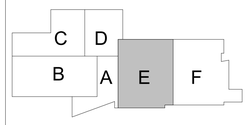
CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK



N

REFLECTED CEILING PLAN -LEVEL 01 -AREA E

A-121E

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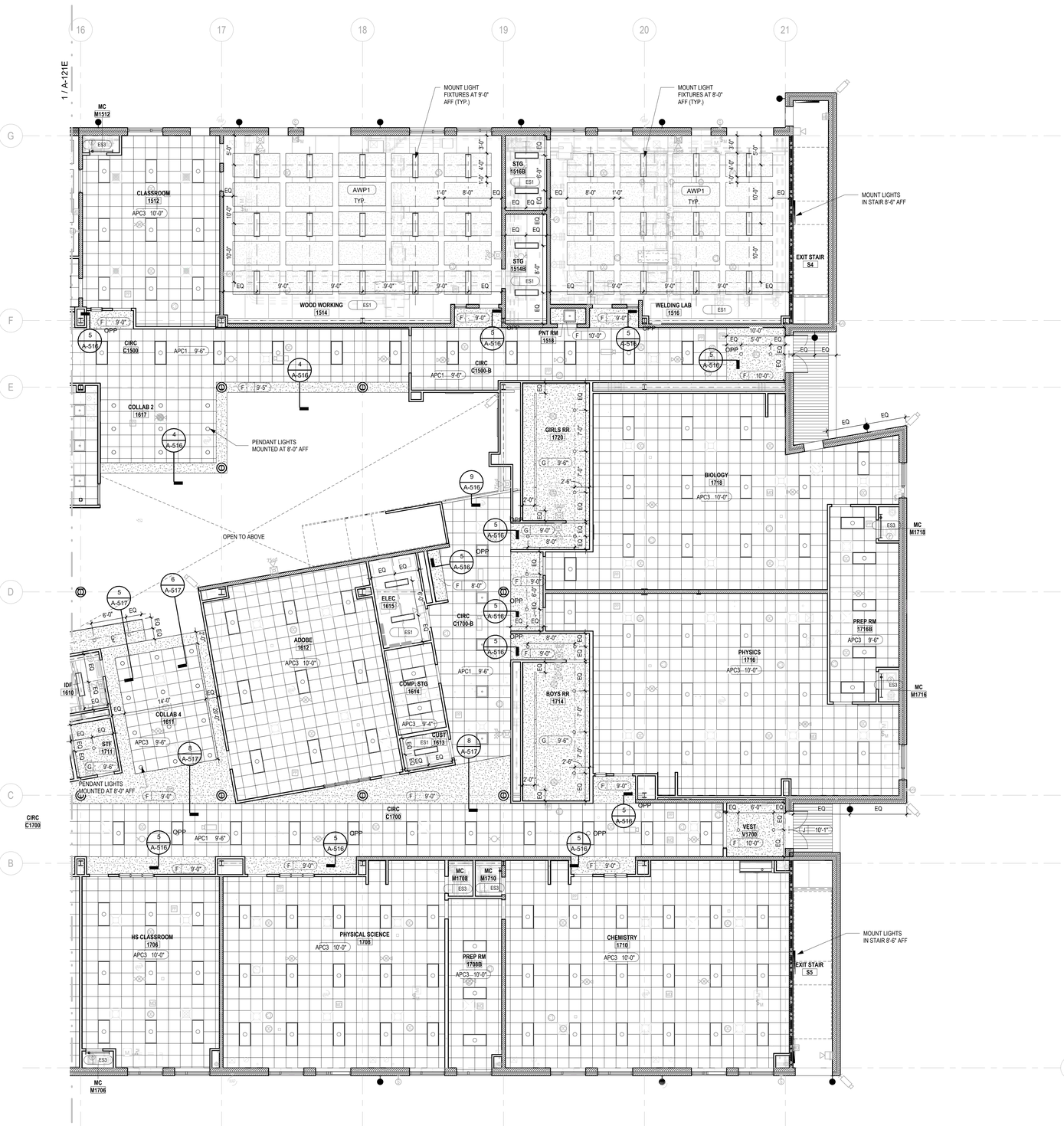

1 A-121F FIRST FLOOR RCP AREA F

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
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LICENSED ARCHITECT — SEAL 50676 — 6.12.24 — REGISTERED LANDSCAPE ARCHITECT — SEAL 3710 — 6.12.24

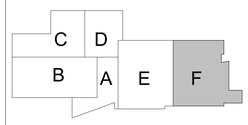
CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK



REFLECTED CEILING PLAN -LEVEL 01 -AREA F

A-121F

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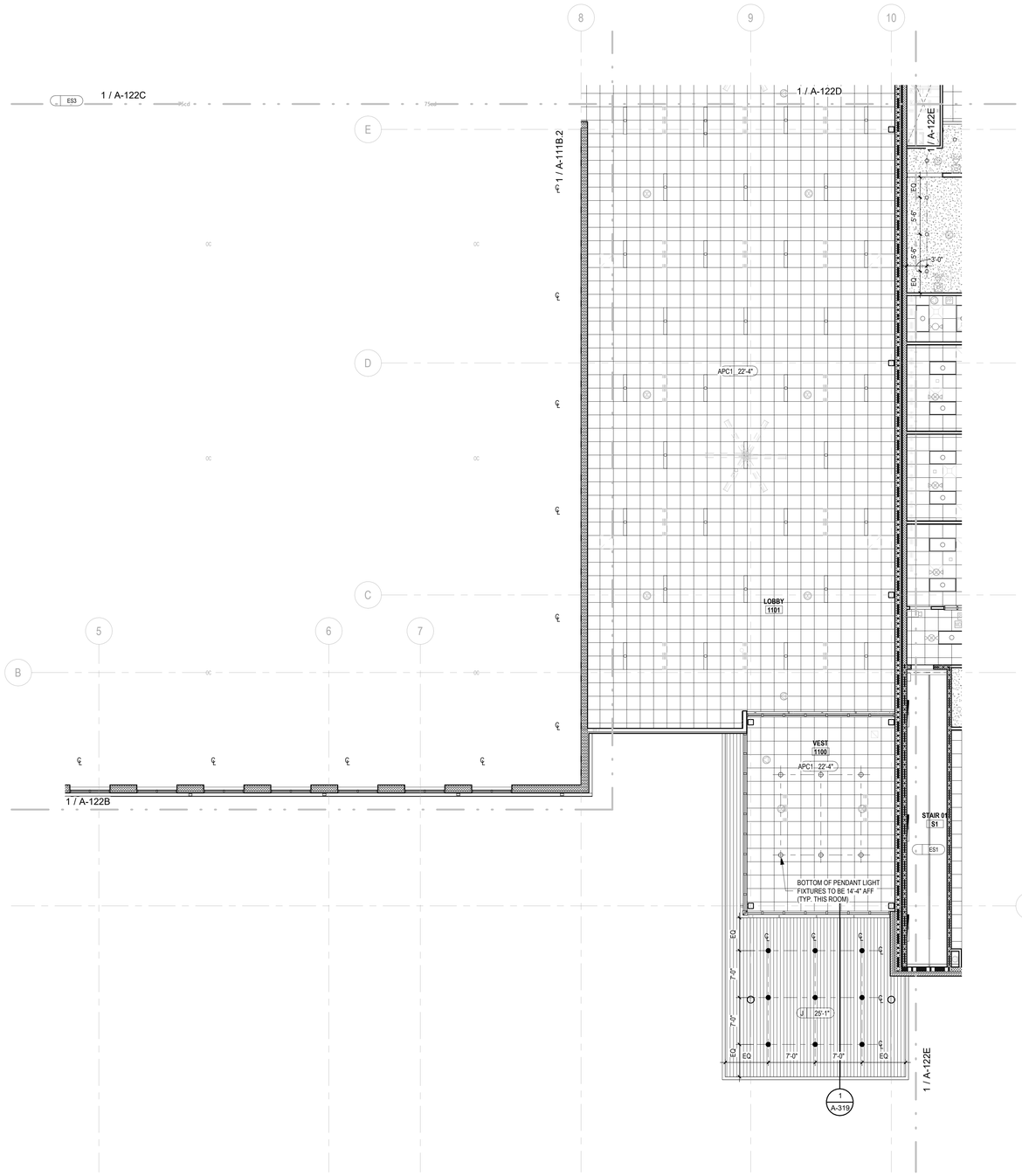

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

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1 / A-122A — **SECOND FLOOR RCP AREA A**
SCALE: 1/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

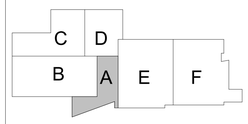
PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK



REFLECTED CEILING PLAN -LEVEL 02 -AREA A

A-122A

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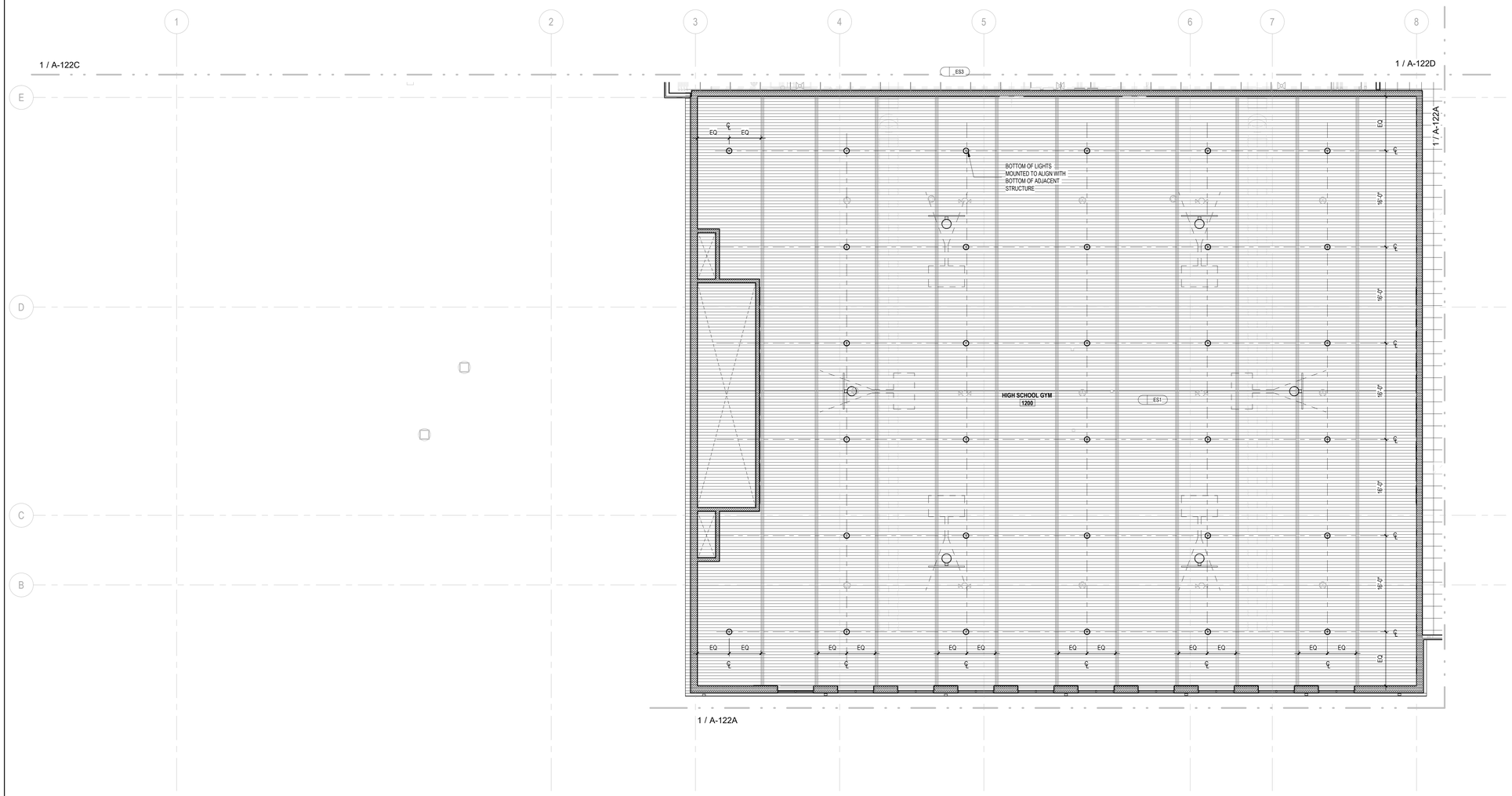


1 / A-122A

1 A-122B **SECOND FLOOR RCP AREA B**

SCALE: 1/8" = 1'-0"

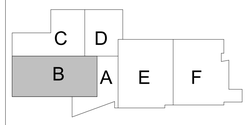
REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A — 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
4. LIGHTS IN MECHANICAL CLOSETS TO BE INSTALLED IN COORDINATION WITH MECHANICAL CONTRACTOR. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS.
5. MOUNT EXTERIOR WALL-MOUNTED FIXTURES AT 9'-0" AFF, UNO. REFER TO A-400 SERIES FOR ALL OTHER WALL-MOUNTED LIGHT FIXTURE PLACEMENT INFORMATION.



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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE:	06/12/24
PROJECT #:	2205
DRAWN BY:	MK
CHECKED BY:	MK

REFLECTED CEILING PLAN -LEVEL 02 -AREA B

A-122B

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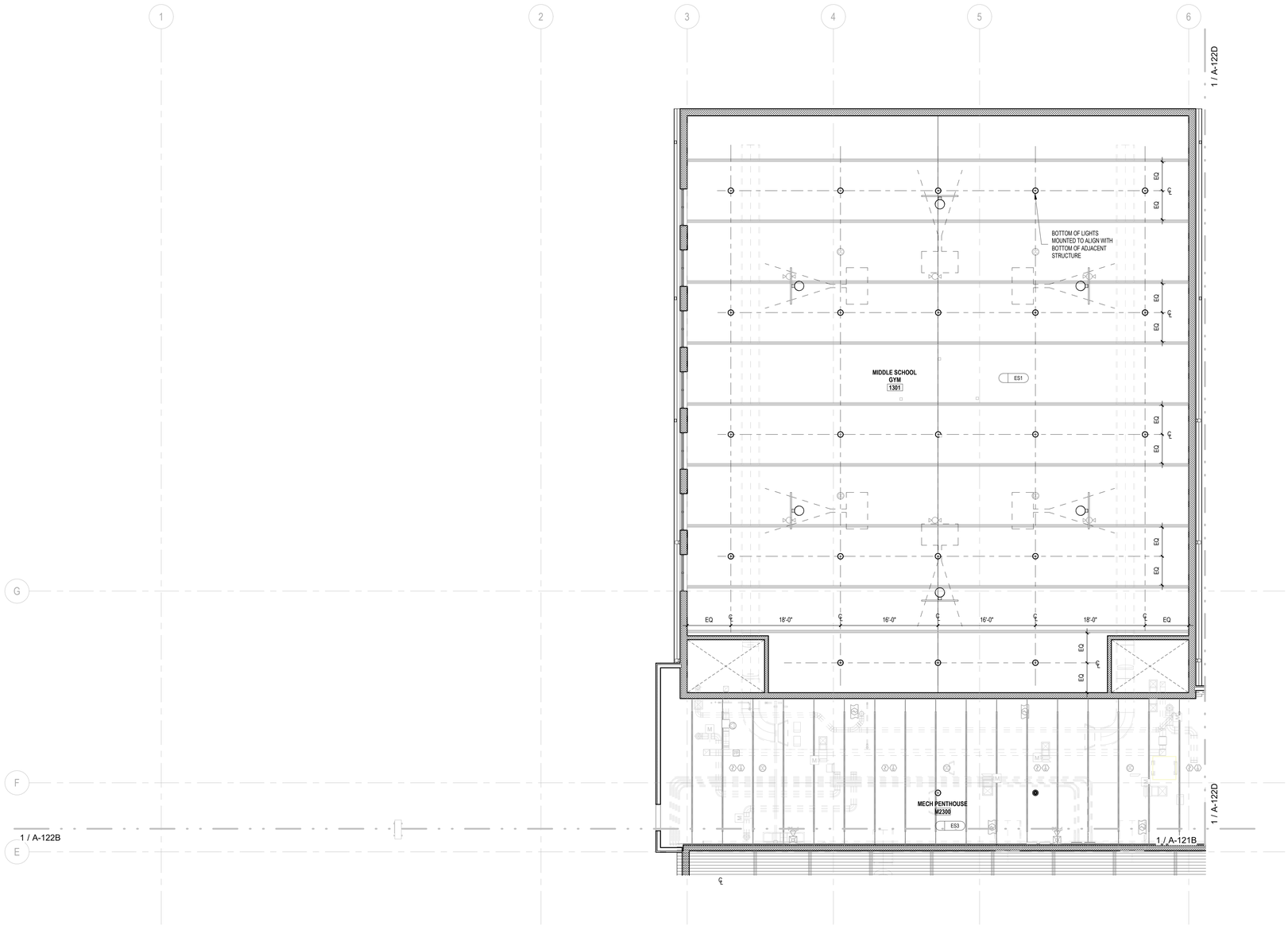

1 A-122C **SECOND FLOOR RCP AREA C**
SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
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5. MOUNT EXTERIOR WALL-MOUNTED FIXTURES AT 9'-0" AFF, UNO. REFER TO A-400 SERIES FOR ALL OTHER WALL-MOUNTED LIGHT FIXTURE PLACEMENT INFORMATION.

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

C D B A E F

N

REFLECTED CEILING PLAN -LEVEL 02 -AREA C

A-122C

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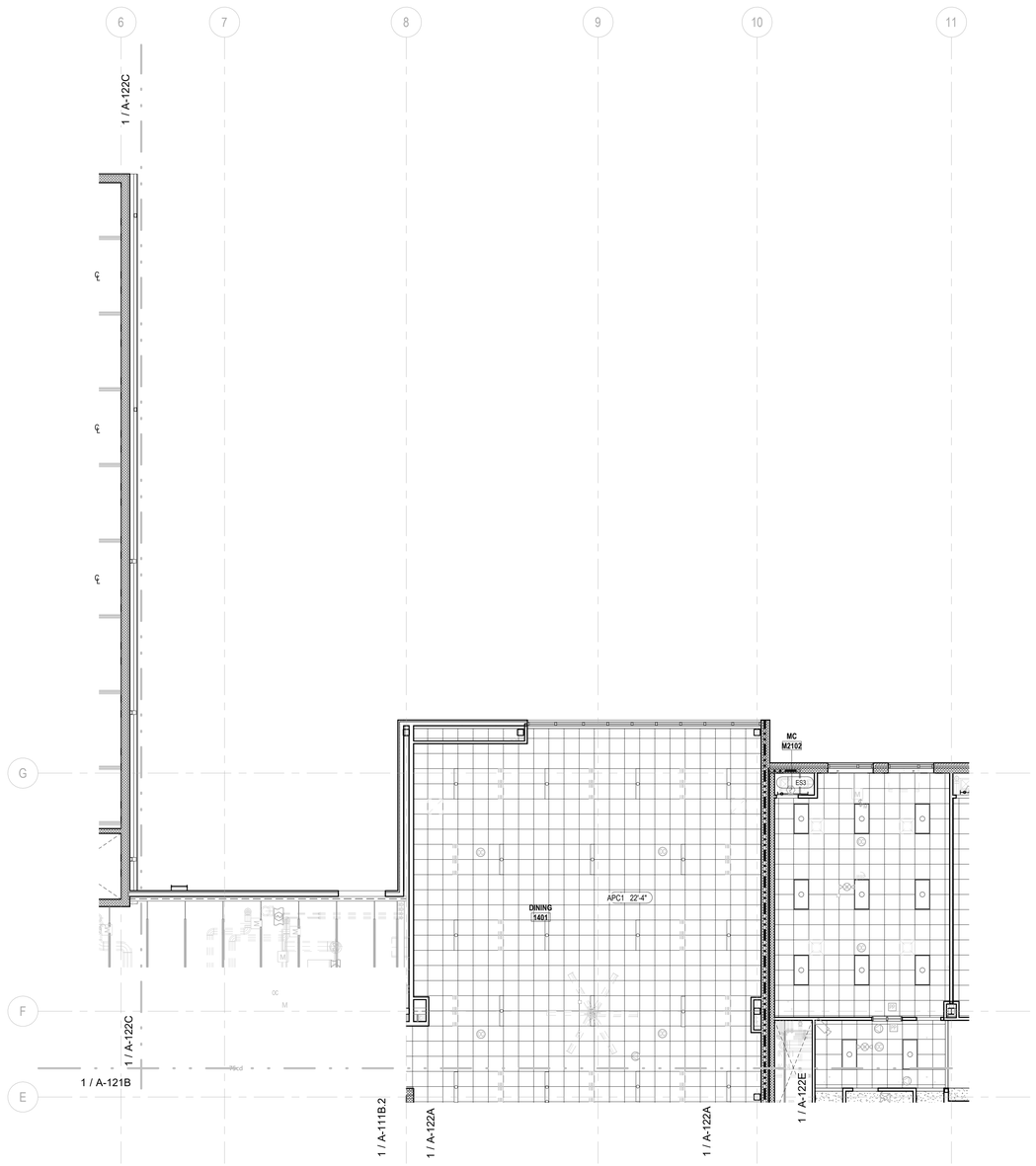

1 / A-122D **SECOND FLOOR RCP AREA D**

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
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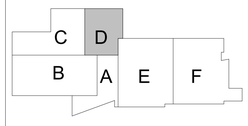

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REGISTERED LANDSCAPE ARCHITECT — 6.12.24 — PAUL T. DOCK — NORTH CAROLINA — FAYETTEVILLE

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PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

REFLECTED CEILING PLAN -LEVEL 02 -AREA D

A-122D

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1 A-122E **SECOND FLOOR RCP AREA E**

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSUALTION - ON UNDERSIDE OF STRUCTURE
	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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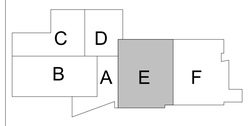
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

REFLECTED CEILING PLAN -LEVEL 02 -AREA E



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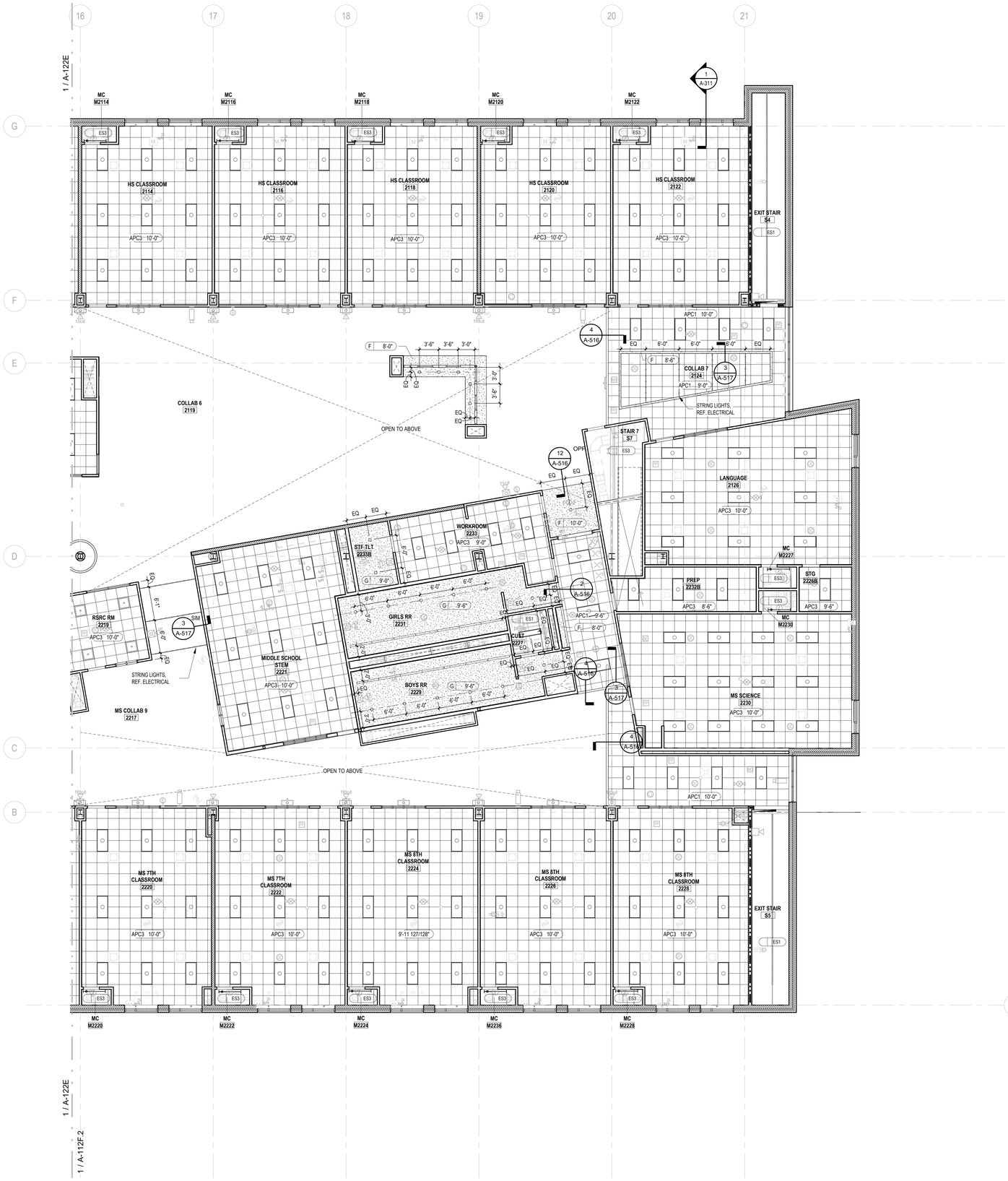

1 A-122F **SECOND FLOOR RCP AREA F**

SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
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	WHERE INSUALTION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
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	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN - LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
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HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

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STACY LINDSTROM 032111 REGISTERED PROFESSIONAL ENGINEER 6.12.24

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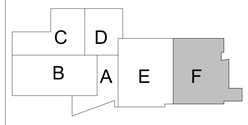
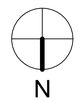
PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
	ISSUE DATE:	06/12/24
	PROJECT #:	2205
	DRAWN BY:	MK
	CHECKED BY:	MK





REFLECTED CEILING PLAN -LEVEL 02 -AREA F

A-122F

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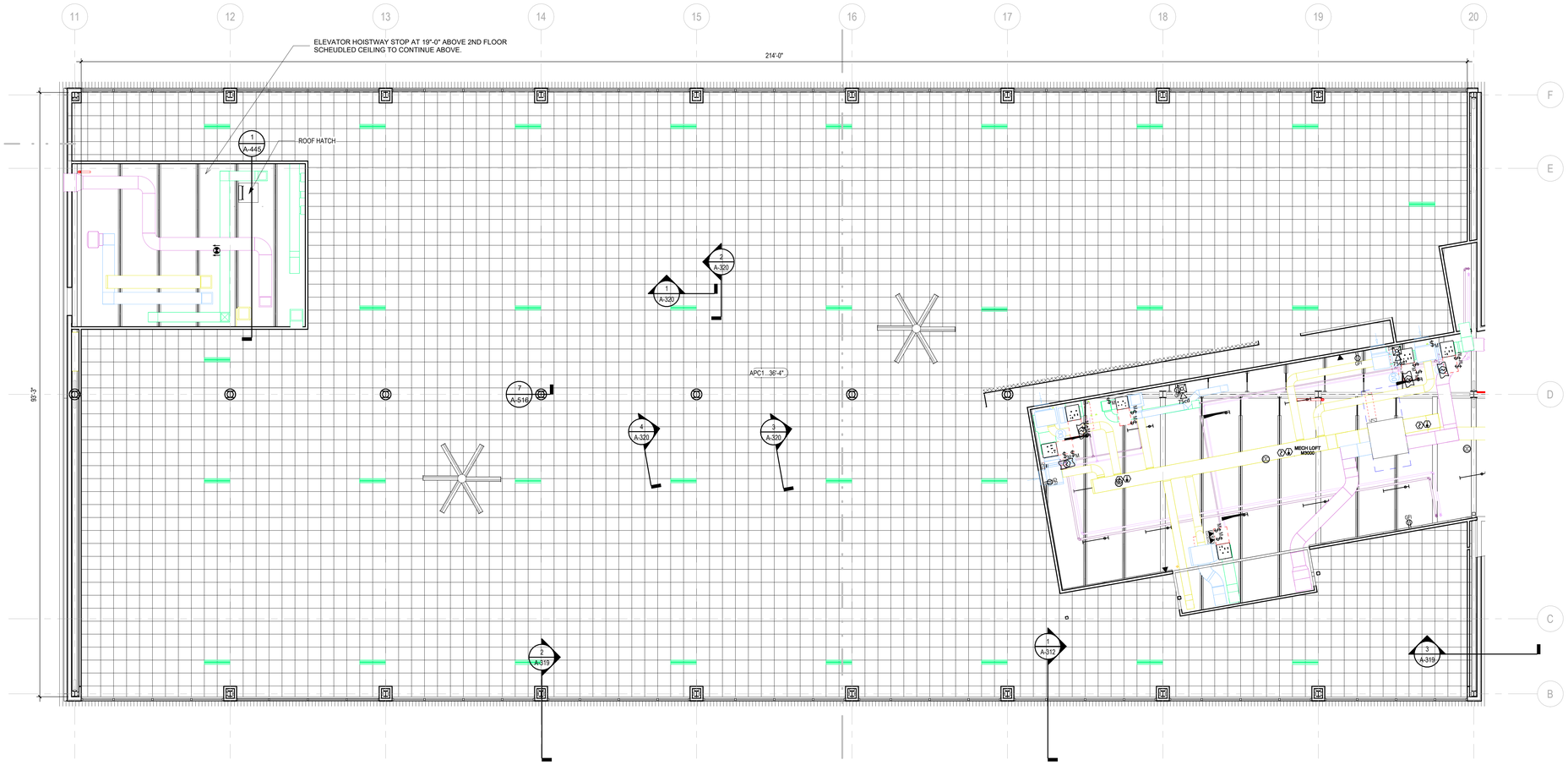


1 A-123 **REFLECTED CEILING PLAN - CLERESTORY**

SCALE: 1/8" = 1'-0"

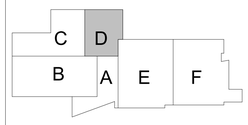
REFLECTED CEILING PLAN LEGEND

CEILING TYPE — A | 8' - 0" — CEILING HEIGHT

SYMBOL	DESCRIPTION
	2' x 2' ACOUSTICAL CEILING PANELS
	TYPE "APC1": TYPICAL PANELS - HIGH NRC
	TYPE "APC2": TYPICAL PANELS - IMPERVIOUS
	TYPE "APC3": TYPICAL PANELS - LOW NRC
	GYPSUM WALL BOARD CEILING
	TYPE "F": TYPICAL CEILING SYSTEM, PAINTED
	TYPE "G": TYPICAL CEILING SYSTEM, EPOXY PAINTED
	ACOUSTICAL DECKING
	TYPE "H": TYPICAL CEILING SYSTEM, PAINTED
	EXTERIOR VENTED METAL SOFFIT PANEL
	TYPE "J": TYPICAL SYSTEM
	EXPOSED INSULATION - ON UNDERSIDE OF STRUCTURE
	WHERE INSULATION IS EXPOSED - FOR ADDITIONAL DATA SEE SECTION DETAILS (OPEN CEILING CTE ROOMS, LOCKER ROOMS, WEIGHT ROOM, WRESTLING ROOM)
	IF A COLOR IS SELECTABLE - COLOR TO BE SELECTED FROM STANDARD LINE
ES1	EXPOSED STRUCTURE
	TYPE "ES1": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES2": PAINTED WITH DRYFOG, REFER TO INTERIOR FINISH SCHEDULE FOR COLOR
	TYPE "ES3": UNPAINTED
	EXTERIOR EMERGENCY LIGHT
	LED EXIT SIGN
	EMERGENCY LIGHT
	DOWNLIGHT - SEE ELECTRICAL
	WALL SCONCE - SEE ELECTRICAL
	GYM LIGHTING - SEE ELECTRICAL
	4' LED SUSPENDED LIGHT - SEE ELECTRICAL
	2X2 LAY-IN LED- SEE ELECTRICAL
	2X4 LAY-IN LED - SEE ELECTRICAL
	LARGE WALL SCONCE - UP/DOWN - SEE ELECTRICAL
	RING LIGHT - UP/DOWN - COORDINATE WITH COLUMNS SEE ELECTRICAL
	STRING LIGHT FIXTURE - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	RETURN - SEE ELECTRICAL
	DIFFUSER - SEE ELECTRICAL
	CAMERA LOCATION - SEE TECHNOLOGY
SD	SMOKE DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
HD	HEAT DETECTOR (SHALL BE 3' - 0" MIN FROM ANY AIR SUPPLY/RETURN) - SEE ELECTRICAL
S	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
F	ADA COMPLIANT FIRE ALARM STROBE LIGHT - SEE ELECTRICAL
W	DATA OUTLET (WIRELESS ROUTER LOCATION IS ABOVE CEILING) - SEE ELECTRICAL
OC	OCCUPANCY SENSOR - SEE ELECTRICAL
	POWER AND DATA - SEE ELECTRICAL
ES	EXPOSED STRUCTURE - REFER TO FINISH LEGEND FOR MORE INFORMATION

RCP GENERAL NOTES:

1. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE LOCATIONS, TYPES AND ADDITIONAL INFORMATION
2. COORDINATE LOCATION OF ACCESS PANELS WITH PLUMBING CONTRACTOR
3. ALL EXPOSED STRUCTURE, PIPING, DUCT WORK, ELECTRICAL DEVICES, ETC. IN AREAS INDICATED AS EXPOSED STRUCTURE OR TYPE "H" TO BE PAINTED - SEE FINISH PLANS
4. LIGHTS IN MECHANICAL CLOSETS TO BE INSTALLED IN COORDINATION WITH MECHANICAL CONTRACTOR. VERIFY ALL LOCATIONS AND MOUNTING HEIGHTS.
5. MOUNT EXTERIOR WALL-MOUNTED FIXTURES AT 9'-0" AFF, UNO. REFER TO A-400 SERIES FOR ALL OTHER WALL-MOUNTED LIGHT FIXTURE PLACEMENT INFORMATION.



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REFLECTED CEILING PLAN - CLERESTORY

A-123

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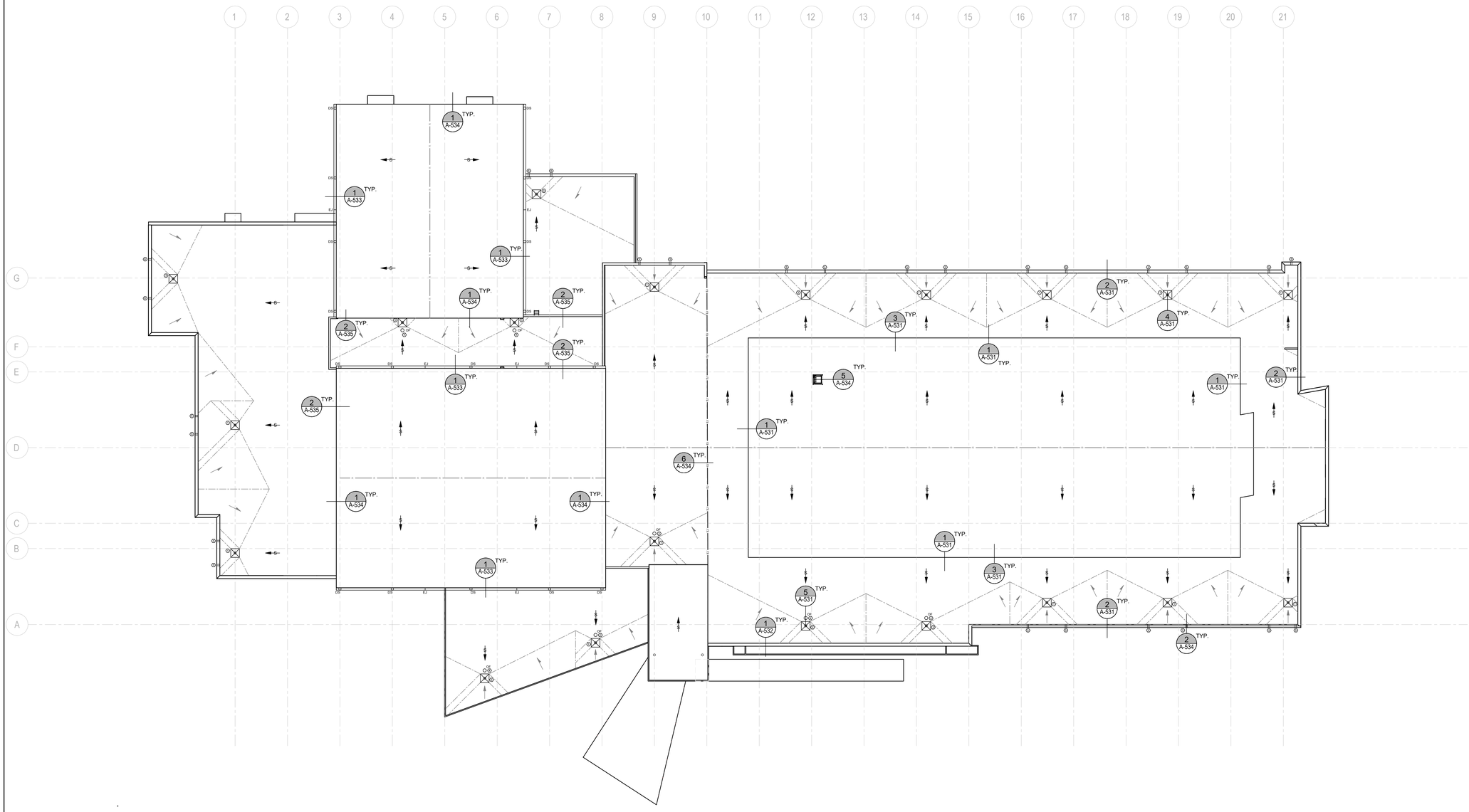

1 A-130 **ROOF PLAN**
SCALE: 1" = 20'-0"

ROOF AREA : 92,397 SF

PLAN NORTH

1"=20' 20 0 20 40

GENERAL NOTES:
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2. DIMENSIONS, DETAIL COMPONENTS AND EQUIPMENT PENETRATION LOCATIONS ARE FOR INFORMATION ONLY. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL INFORMATION PROVIDED.
3. ONLY ONE DETAIL INDICATOR MAY BE SHOWN FOR EACH TYPE OF ROOF PENETRATION. ALL OTHER SIMILAR PENETRATIONS ARE TO BE FLASHED AS REQUIRED BY THE TYPICAL DETAIL INDICATOR, UNLESS OTHERWISE NOTED.
4. NOTES ARE INTENDED TO PROVIDE TYPICAL LOCATIONS OF WORK. IT IS THE CONTRACTORS RESPONSIBILITY TO QUANTIFY ALL LOCATIONS.

SHEET NOTES:
1. BASED ON 2018 NCSBC: PLUMBING CODE, AND USING A 4.0 INCHES/HOUR 100-YEAR, 1-HOUR RAINFALL RATE PER SECTION 1106.1, SIZE INDICATED PRIMARY DRAINS AS 4" DIAMETER STANDARD ROOF DRAINS.
2. BASED ON 2018 NCSBC: PLUMBING CODE, AND USING A 7.2 INCHES/HOUR 100-YEAR, 1-HOUR RAINFALL RATE PER SECTION 1106.1, SIZE INDICATED SECONDARY DRAINAGE AS 5" DIAMETER OVERFLOW ROOF DRAINS.
3. BASED ON 2018 NCSBC: PLUMBING CODE, AND USING A 4.0 INCHES/HOUR 100-YEAR, 1-HOUR RAINFALL RATE PER SECTION 1106.1, SIZE INDICATED PRIMARY DRAINS AS 5" DIAMETER STANDARD ROOF DRAINS.
4. BASED ON 2018 NCSBC: PLUMBING CODE, AND USING A 7.2 INCHES/HOUR 100-YEAR, 1-HOUR RAINFALL RATE PER SECTION 1106.1, SIZE INDICATED SECONDARY DRAINAGE AS 6" DIAMETER OVERFLOW ROOF DRAINS.
5. BASED ON 2018 NCSBC: PLUMBING CODE, AND USING A 7.2 INCHES/HOUR 100-YEAR, 1-HOUR RAINFALL RATE PER SECTION 1106.1, SIZE INDICATED SECONDARY DRAINAGE AS 5" HIGH BY 16" WIDE OVERFLOW SCUPPERS. BOTTOM OF OVERFLOW SCUPPER SHALL BE 2" ABOVE FINISHED ROOF SURFACE.
6. BASED ON 2018 NCSBC: PLUMBING CODE, AND USING A 7.2 INCHES/HOUR 100-YEAR, 1-HOUR RAINFALL RATE PER SECTION 1106.1, SIZE INDICATED SECONDARY DRAINAGE AS 5" HIGH BY 22" WIDE OVERFLOW SCUPPERS. BOTTOM OF OVERFLOW SCUPPER SHALL BE 2" ABOVE FINISHED ROOF SURFACE.

KEY
- ROOF EDGE
- EJ EXPANSION JOINT
- GUTTER EDGE
- TAPERED INSULATION
- STRUCTURAL SLOPE
- TAPERED INSULATION SLOPE
- CRICKET SLOPE
- ROOF OVERHANG
- ROOF DRAIN
- OVERFLOW SCUPPER
- SOIL PIPE
- PIPE PENETRATION
- ROOF HATCH
- ROOF LADDER
- SHT DETAIL INDICATOR

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ROOF PLAN

A-130

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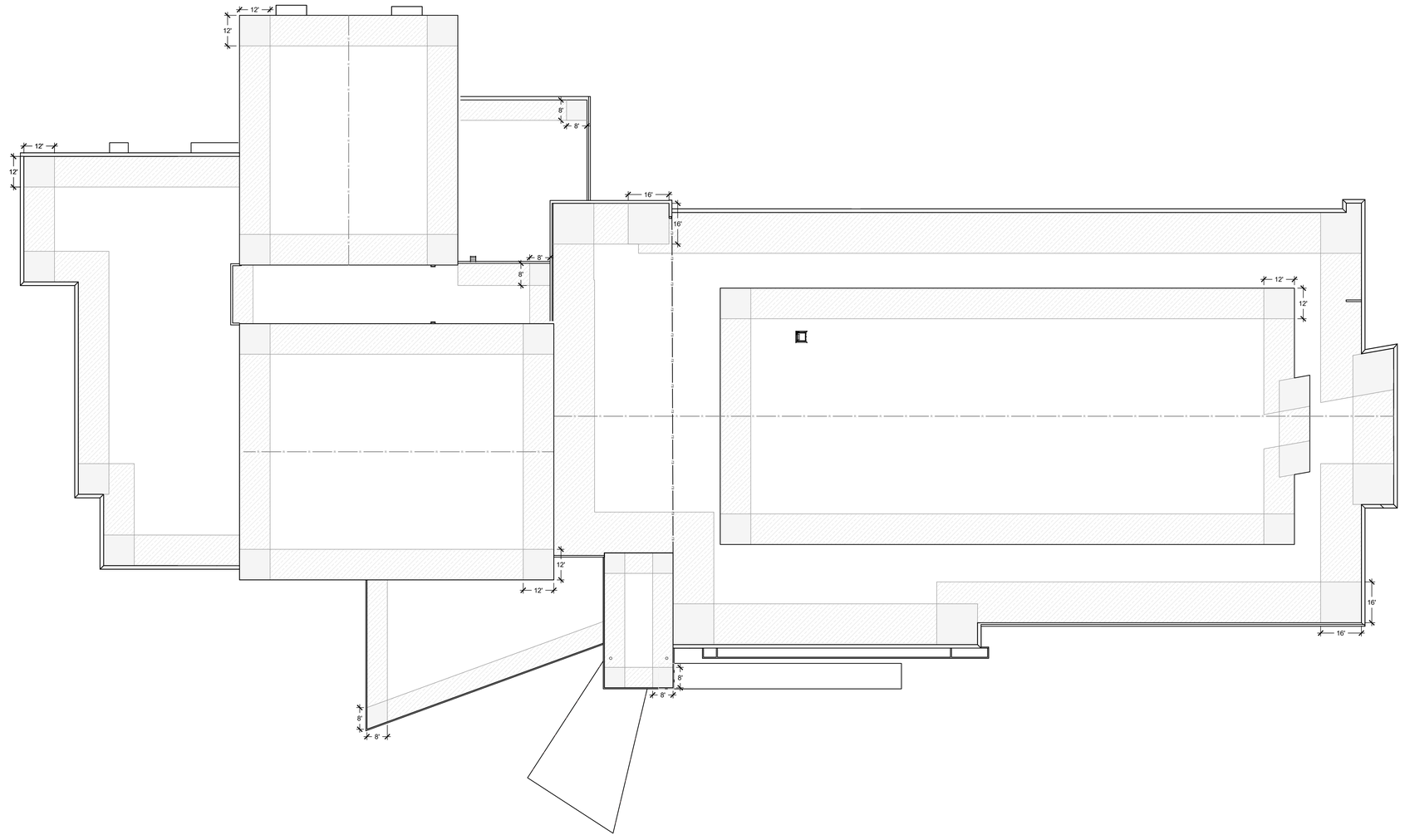

1 A-131 **WIND UPLIFT ROOF PLAN**
SCALE: 1" = 20'-0"

ROOF AREA : 92,397 SF

WIND UPLIFT SUMMARY	
ASCE 7 - 10	
ULTIMATE DESIGN WIND SPEED	150 MPH
RISK CATEGORY	III
EXPOSURE	C
ENCLOSURE	ENC.
NOMINAL WIND UPLIFT PRESSURES	
ZONE 1 - FIELD	-36.2 PSF
ZONE 2 - PERIMETER	-60.7 PSF
ZONE 3 - CORNER	-91.4 PSF
ZONE 2 AND 3 - OVERHANG	-85.8 PSF
EXTERIOR WALL/PARAPET PRESSURES	
ZONE 4 - PERIMETER	-35.9 PSF
ZONE 5 - CORNER	-44.1 PSF
+ ZONE 4 AND ZONE 5	+33.1 PSF

WIND ZONES
ZONE 1 (FIELD)
ZONE 2 (PERIMETER)
ZONE 3 (CORNER)

PLAN NORTH

1"=20' 20 0 20 40

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WIND UPLIFT ROOF PLAN

A-131

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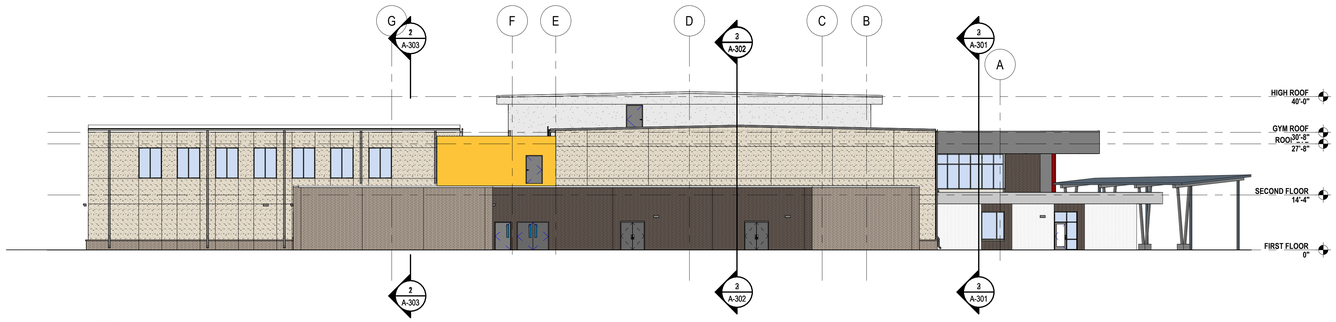
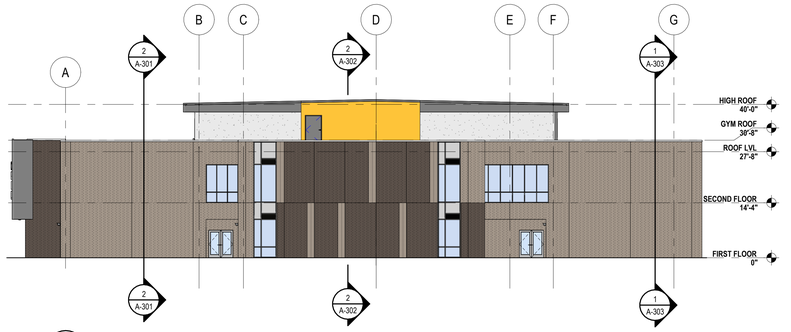
EXTERIOR ELEVATION MATERIALS LEGEND

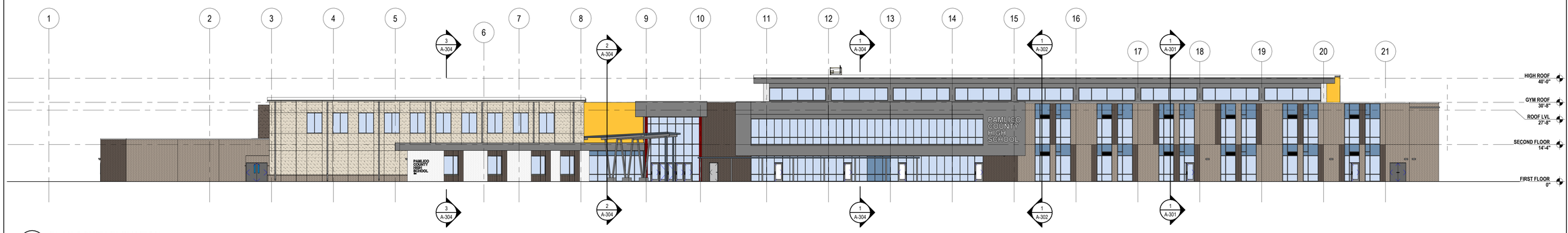
		MANUF	COLOR
ALL COLORS LISTED ARE BASIS OF DESIGN FOR COLOR SELECTIONS AND MUST BE MATCHED BY ANY MANUFACTURER PROVIDING PRODUCTS.			
	BRK-1	PALMETTO BRICK	2.0 GREYSTONE
	BRK-2	PALMETTO BRICK	.75 GREYSTONE
	BRK-3	PALMETTO BRICK	WHITE STONE
	MTP-1	PAC-CLAD - FLUSH METAL PANEL	COLOR TBD - FROM STANDARD COLORS
	MTP-2	PAC-CLAD - FLUSH METAL PANEL	COLOR TBD - FROM STANDARD COLORS
	PMC-1	PREFINISHED METAL COPING	COLOR TBD - FROM STANDARD COLORS
	EIFS -1	DRYVIT	SANDPEBBLE - FINE - 185 - TURMERIC
	EIFS -2	DRYVIT	SANDPEBBLE - FINE - 113 - AMARILLO WHITE
	EIFS -3	DRYVIT	SANDPEBBLE - FINE - 103- NATURAL WHITE
	EIFS -4	DRYVIT	SANDPEBBLE - FINE - 449 - BUCK SKIN



4 A-201 **PLAN WEST ELEVATION**
SCALE: 1/16" = 1'-0"



3 A-201 **PLAN EAST ELEVATION**
SCALE: 1/16" = 1'-0"



2 A-201 **PLAN SOUTH ELEVATION**
SCALE: 1/16" = 1'-0"

1 A-201 **PLAN NORTH ELEVATION**
SCALE: 1/16" = 1'-0"

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OVERALL EXTERIOR ELEVATIONS

A-201

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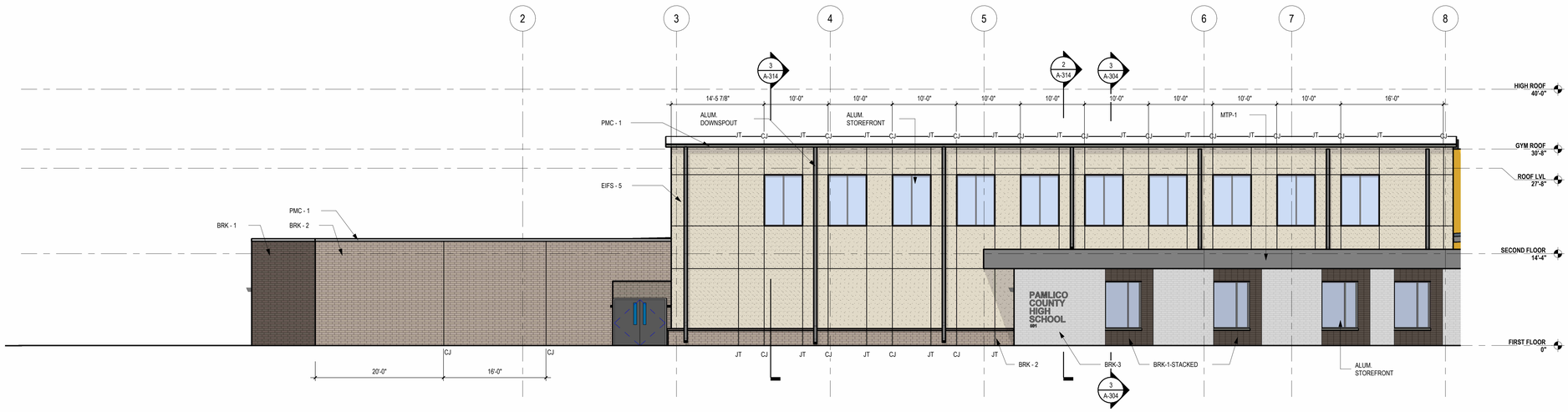
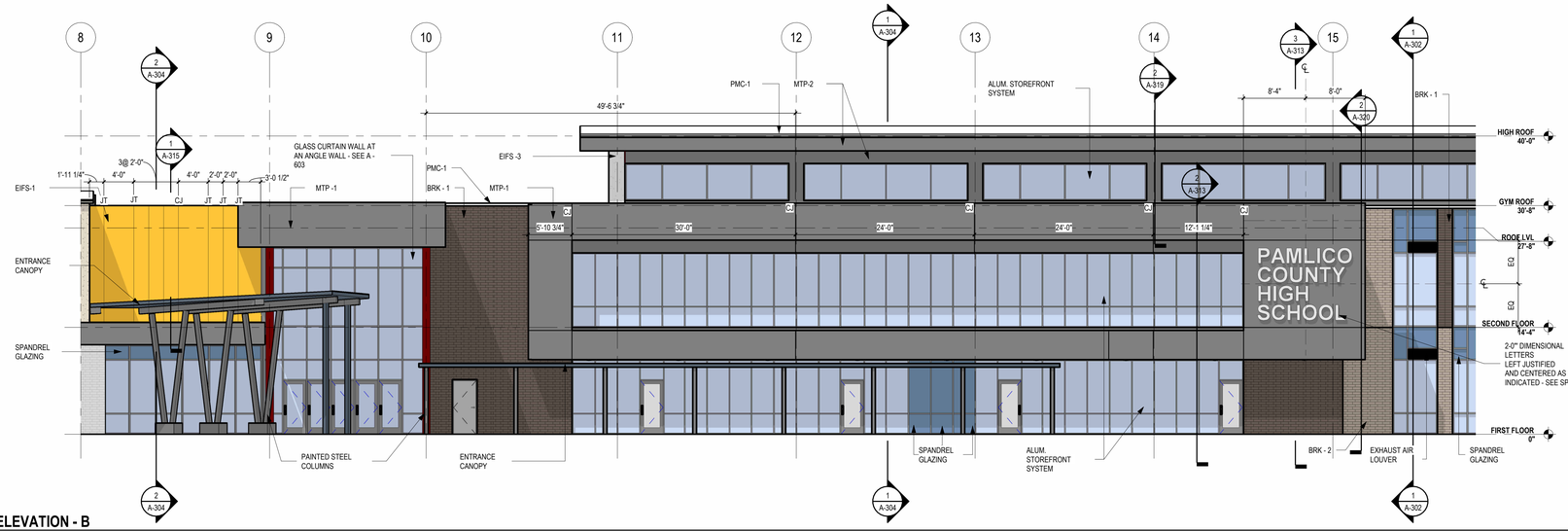


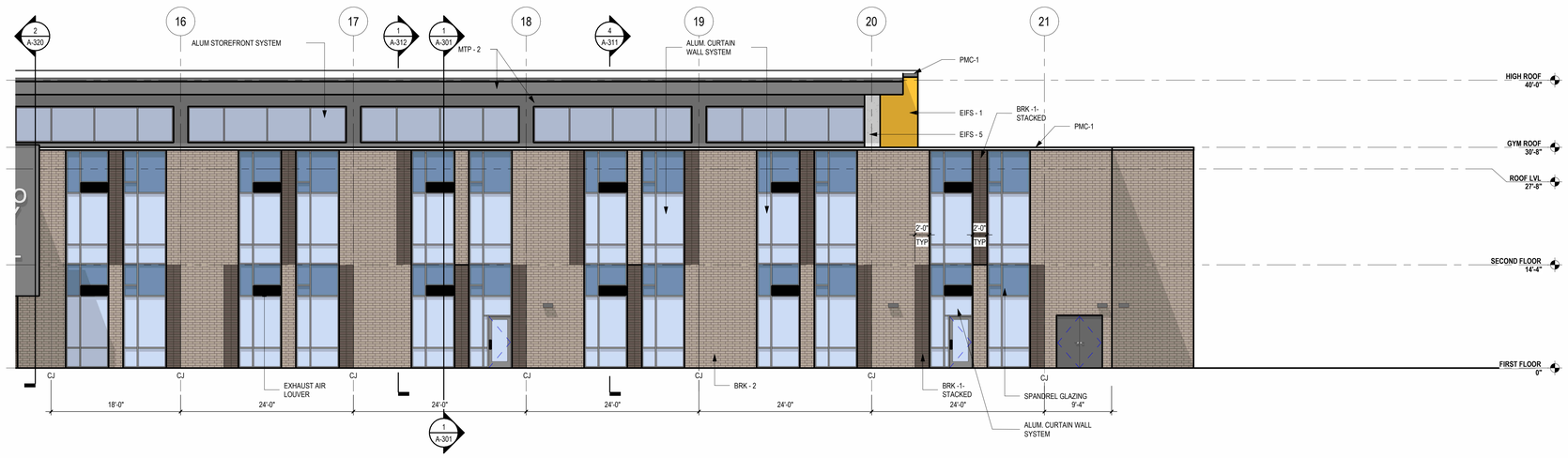
3 A-211 **PLAN SOUTH ELEVATION - A**

SCALE: 1/8" = 1'-0"



2 A-211 **PLAN SOUTH ELEVATION - B**

SCALE: 1/8" = 1'-0"



1 A-211 **PLAN SOUTH ELEVATION - C**

SCALE: 1/8" = 1'-0"

ELEVATION LEGEND

SYMBOL	DESCRIPTION
CJ	CONTROL JOINT - SEE DETAIL 12/A-501
EJ	EXPANSION JOINT - SEE DETAIL 1/A-502 & 2/A-502
JT	JOINT - DECORATIVE JOINT PER MANUFACTURER'S TYP. DETAILS
(+1")	INDICATES PROJECTION DISTANCE FROM FACE OF BRICK - FACE OF BRICK IS (0")
(-1")	INDICATES RECESS DISTANCE FROM FACE OF BRICK - FACE OF BRICK IS (0")

GENERAL NOTES:

1. SEE ALTERNATE 9 FOR NARRATIVE ON EIFS VS COMPOSITE METAL PANELS

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ENLARGED EXTERIOR ELEVATIONS

A-211

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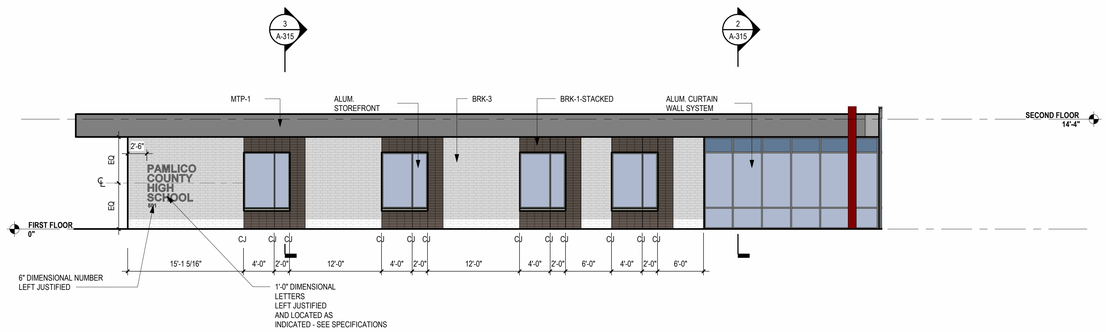
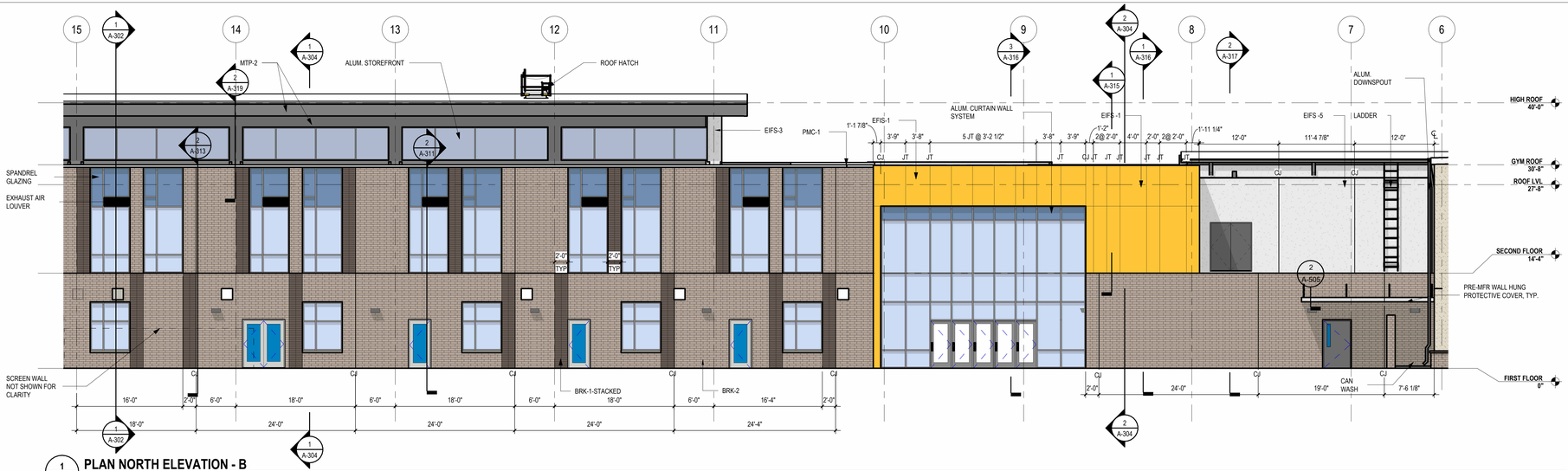


3 A-212 **PLAN SOUTH ELEVATION - D**

SCALE: 1/8" = 1'-0"

2 A-212 **PLAN NORTH ELEVATION - A**

SCALE: 1/8" = 1'-0"



1 A-212 **PLAN NORTH ELEVATION - B**

SCALE: 1/8" = 1'-0"

ELEVATION LEGEND

SYMBOL	DESCRIPTION
CJ	CONTROL JOINT - SEE DETAIL 12/A-501
EJ	EXPANSION JOINT - SEE DETAIL 1/A-502 & 2/A-502
JT	JOINT - DECORATIVE JOINT PER MANUFACTURER'S TYP. DETAILS
(+1")	INDICATES PROJECTION DISTANCE FROM FACE OF BRICK - FACE OF BRICK IS (0")
(-1")	INDICATES RECESS DISTANCE FROM FACE OF BRICK - FACE OF BRICK IS (0")

GENERAL NOTES:

1. SEE ALTERNATE 9 FOR NARRATIVE ON EIFS VS COMPOSITE METAL PANELS

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ENLARGED EXTERIOR ELEVATIONS

A-212

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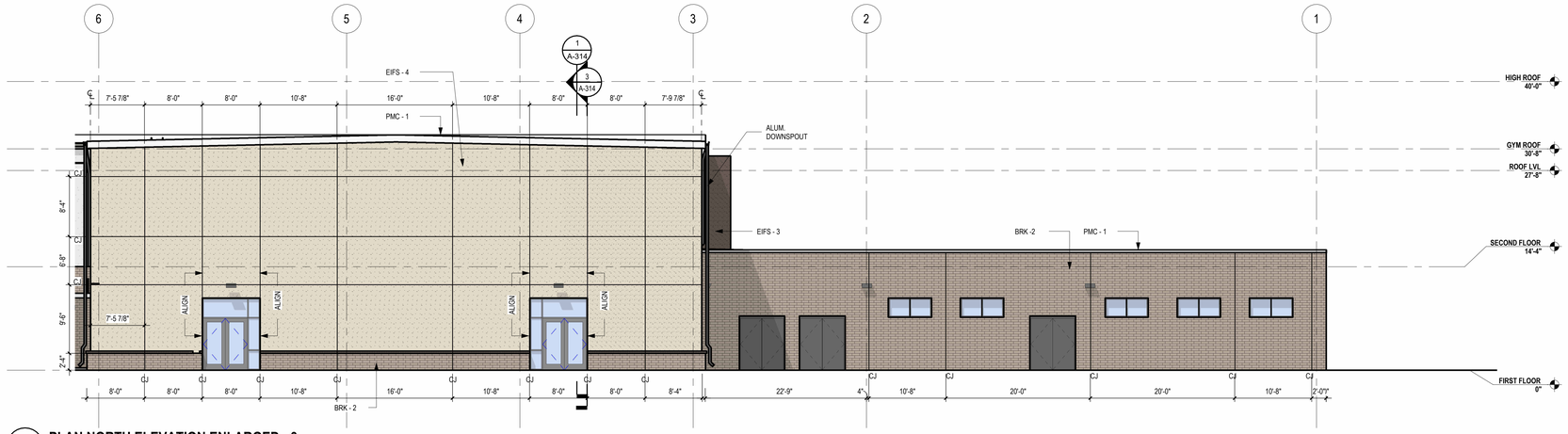
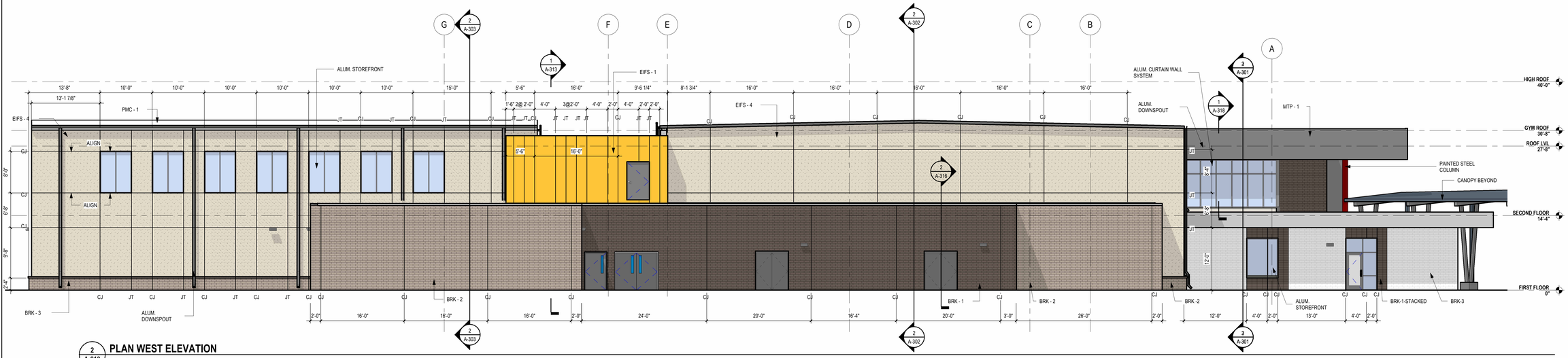


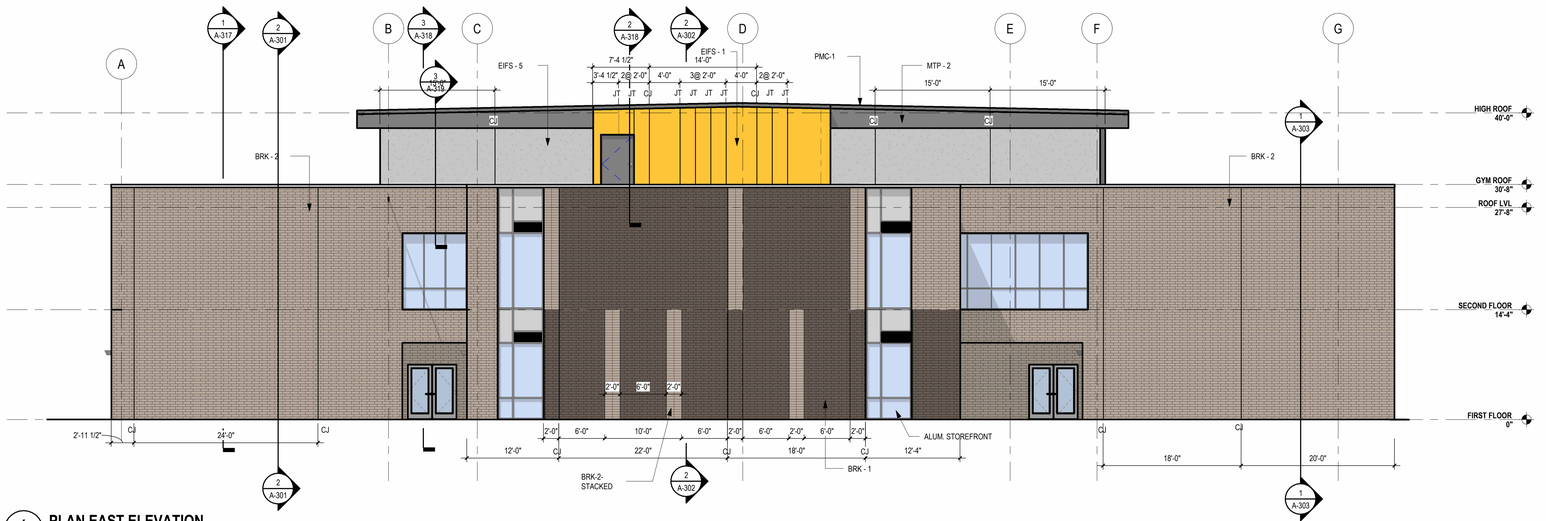
3 / A-213 **PLAN NORTH ELEVATION ENLARGED - 3**

SCALE: 1/8" = 1'-0"



2 / A-213 **PLAN WEST ELEVATION**

SCALE: 1/8" = 1'-0"



1 / A-213 **PLAN EAST ELEVATION**

SCALE: 1/8" = 1'-0"

ELEVATION LEGEND

SYMBOL	DESCRIPTION
CJ	CONTROL JOINT - SEE DETAIL 12/A-501
EJ	EXPANSION JOINT - SEE DETAIL 1/A-502 & 2/A-502
JT	JOINT - DECORATIVE JOINT PER MANUFACTURER'S TYP. DETAILS
(+1")	INDICATES PROJECTION DISTANCE FROM FACE OF BRICK - FACE OF BRICK IS (0")
(-1")	INDICATES RECESS DISTANCE FROM FACE OF BRICK - FACE OF BRICK IS (0")

GENERAL NOTES:

1. SEE ALTERNATE 9 FOR NARRATIVE ON EIFS VS COMPOSITE METAL PANELS

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NICK J. LINDSTROM 036911 REGISTERED PROFESSIONAL ENGINEER 6.12.24

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ENLARGED EXTERIOR ELEVATIONS

A-213

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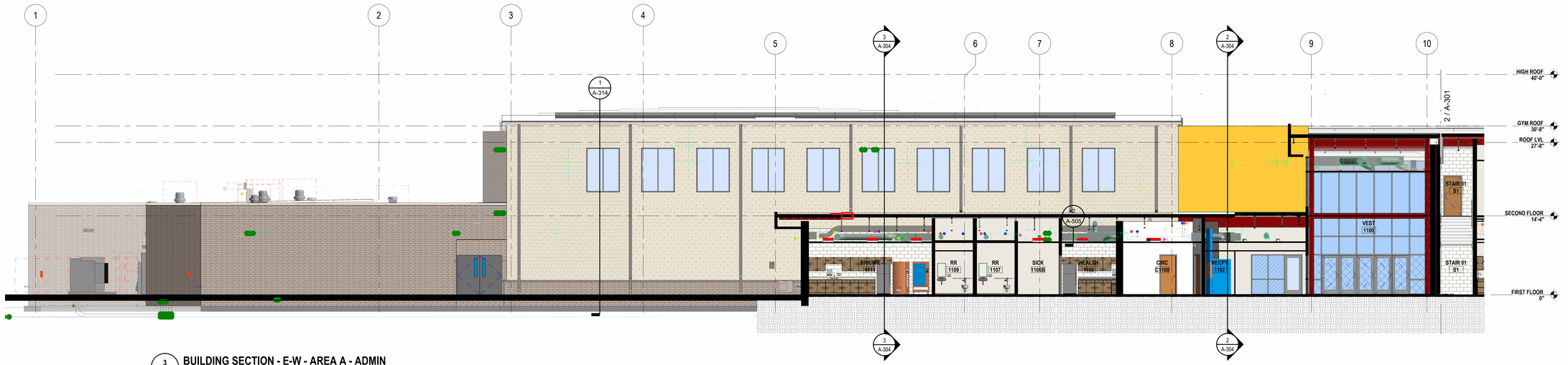
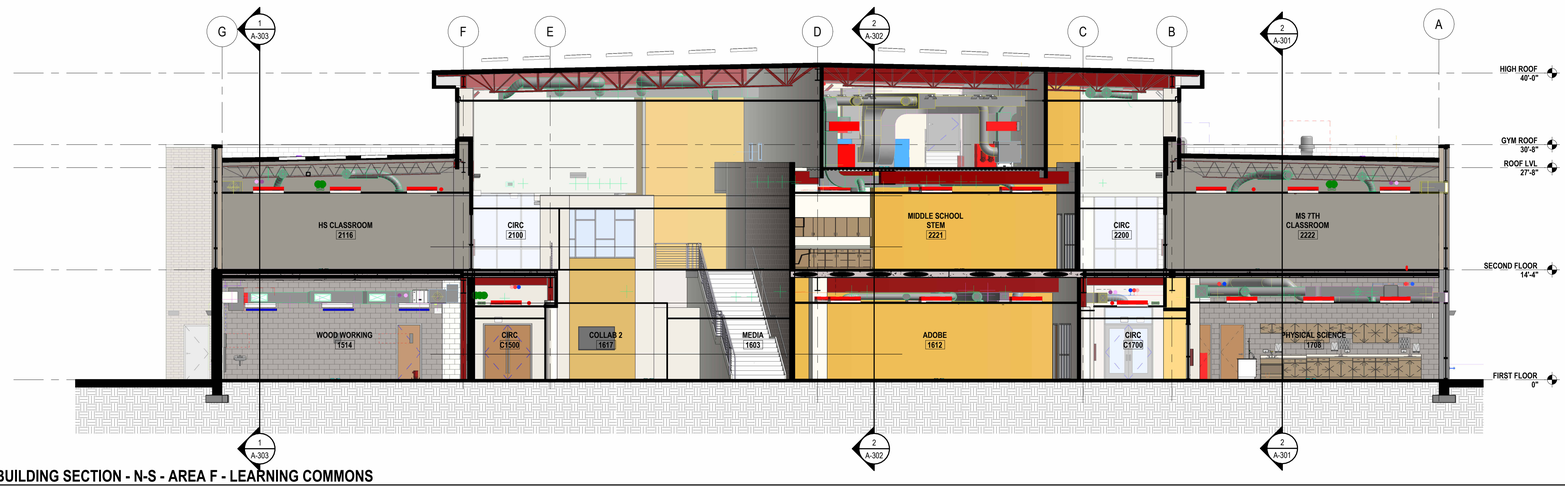


3 A-301 **BUILDING SECTION - E-W - AREA A - ADMIN**

SCALE: 1/8" = 1'-0"

2 A-301 **BUILDING SECTION - E-W - AREA E & F - CLASSROOMS**

SCALE: 1/8" = 1'-0"



1 A-301 **BUILDING SECTION - N-S - AREA F - LEARNING COMMONS**

SCALE: 1/8" = 1'-0"

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ENERGY STAR PARTNER

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BUILDING SECTIONS

A-301

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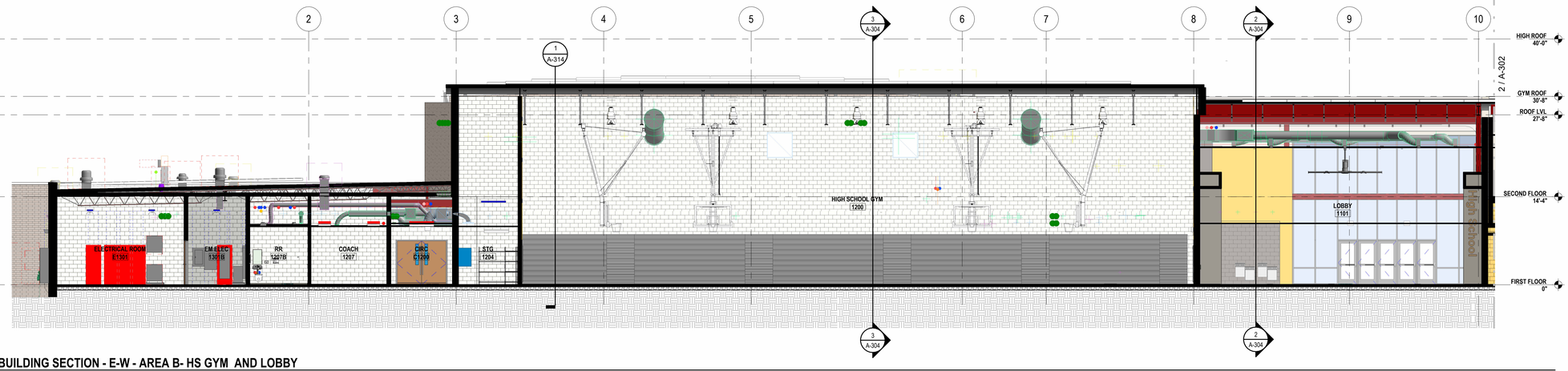
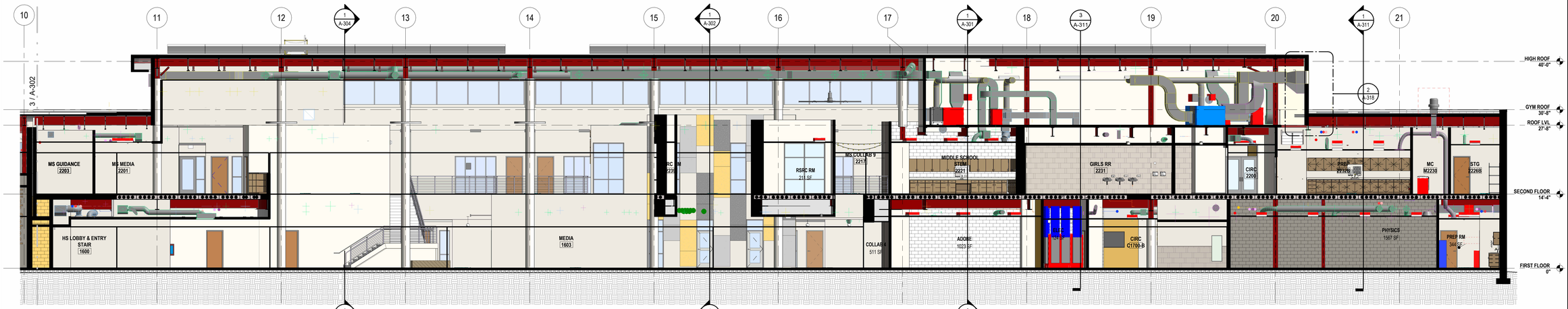
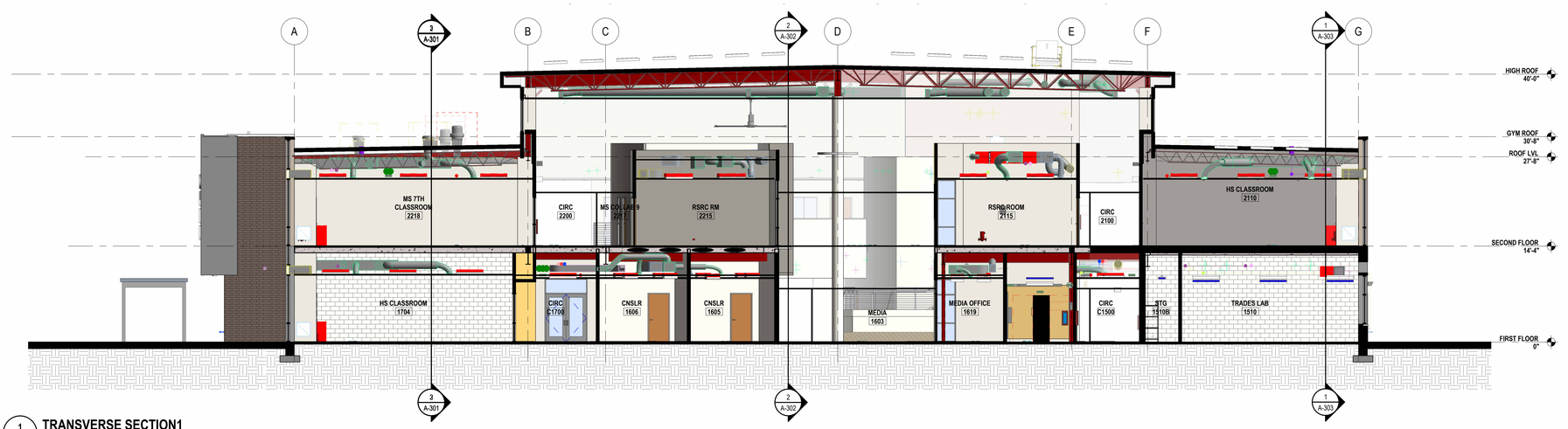


3 A-302 **BUILDING SECTION - E-W - AREA B- HS GYM AND LOBBY**
SCALE: 1/8" = 1'-0"



2 A-302 **BUILDING SECTION - E-W - AREA E & F - LEARNING COMMONS**
SCALE: 1/8" = 1'-0"



1 A-302 **TRANSVERSE SECTION1**
SCALE: 1/8" = 1'-0"

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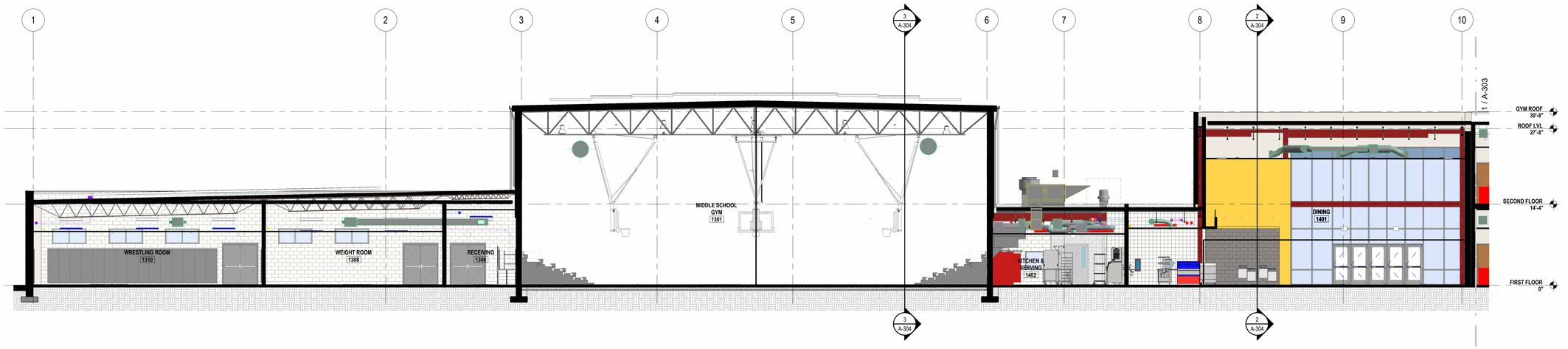
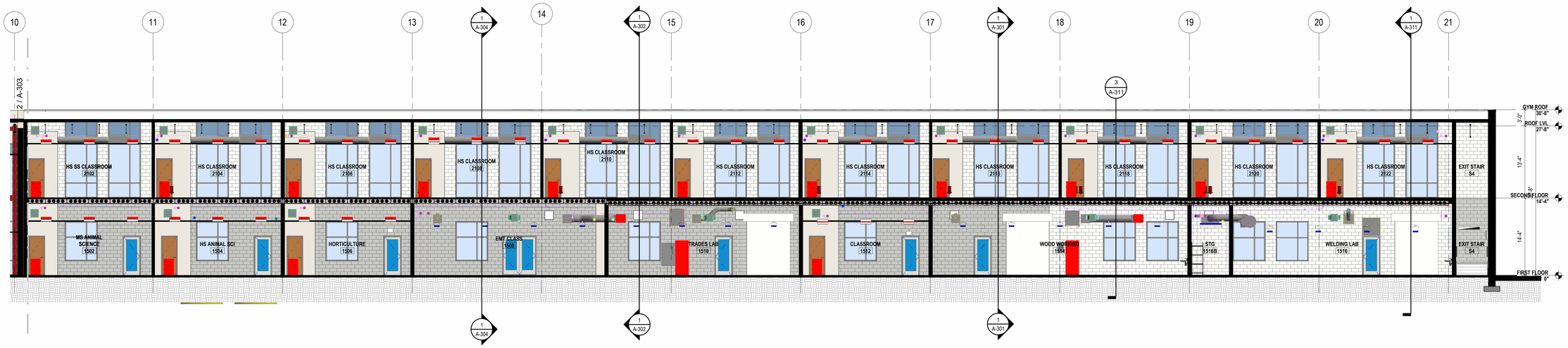


2 / A-303 **BUILDING SECTION - E-W - AREA C & D - MS GYM, KITCHEN & DINING**

SCALE: 1/8" = 1'-0"



1 / A-303 **BUILDING SECTION - E-W - AREA E & F - HS CLASSROOMS**

SCALE: 1/8" = 1'-0"

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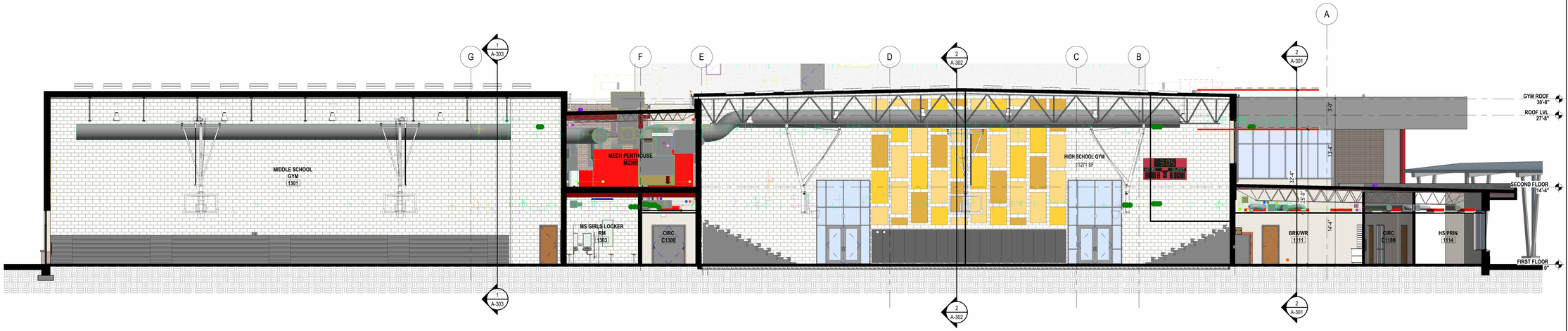
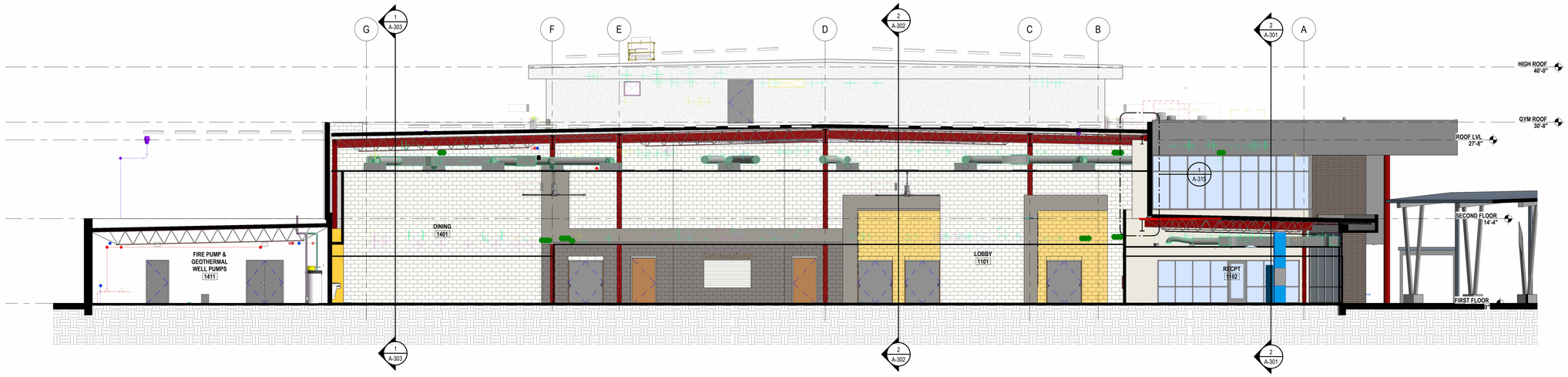


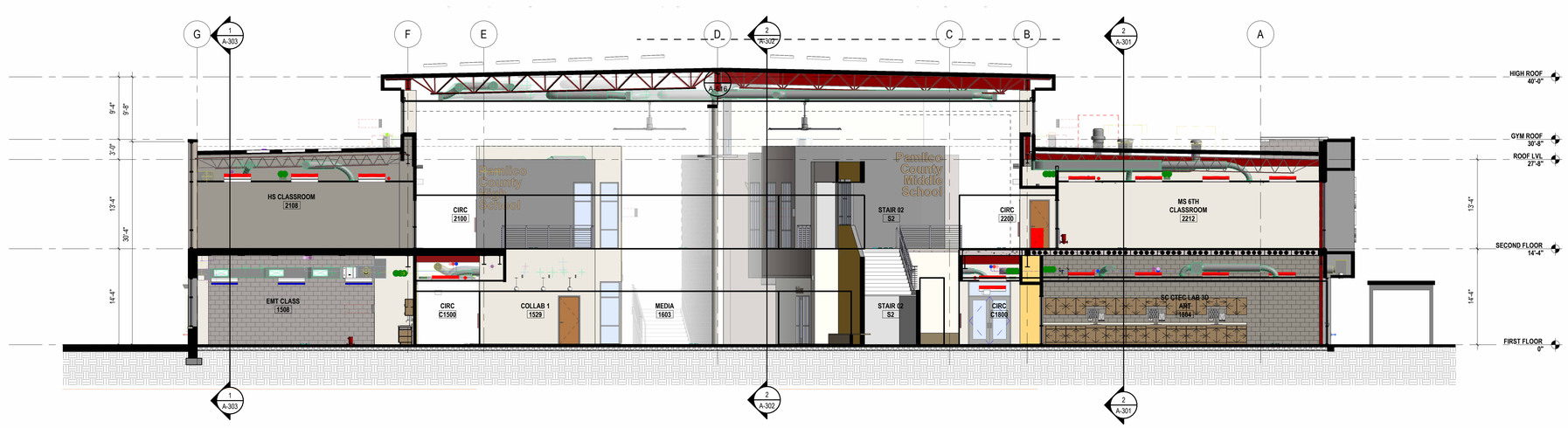
3 A-304 **BUILDING SECTION - N-S - AREA B & C - MS GYM, HS GYM & ADMIN**

SCALE: 1/8" = 1'-0"



2 A-304 **BUILDING SECTION - N-S - AREA A & D - ADMIN & LOBBY TWARDS LEARNING COMMONS**

SCALE: 1/8" = 1'-0"



1 A-304 **BUILDING SECTION - N-S - AREA E - HS & MS COLABS TWARDS LEARNING COMMONS**

SCALE: 1/8" = 1'-0"

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BUILDING SECTIONS

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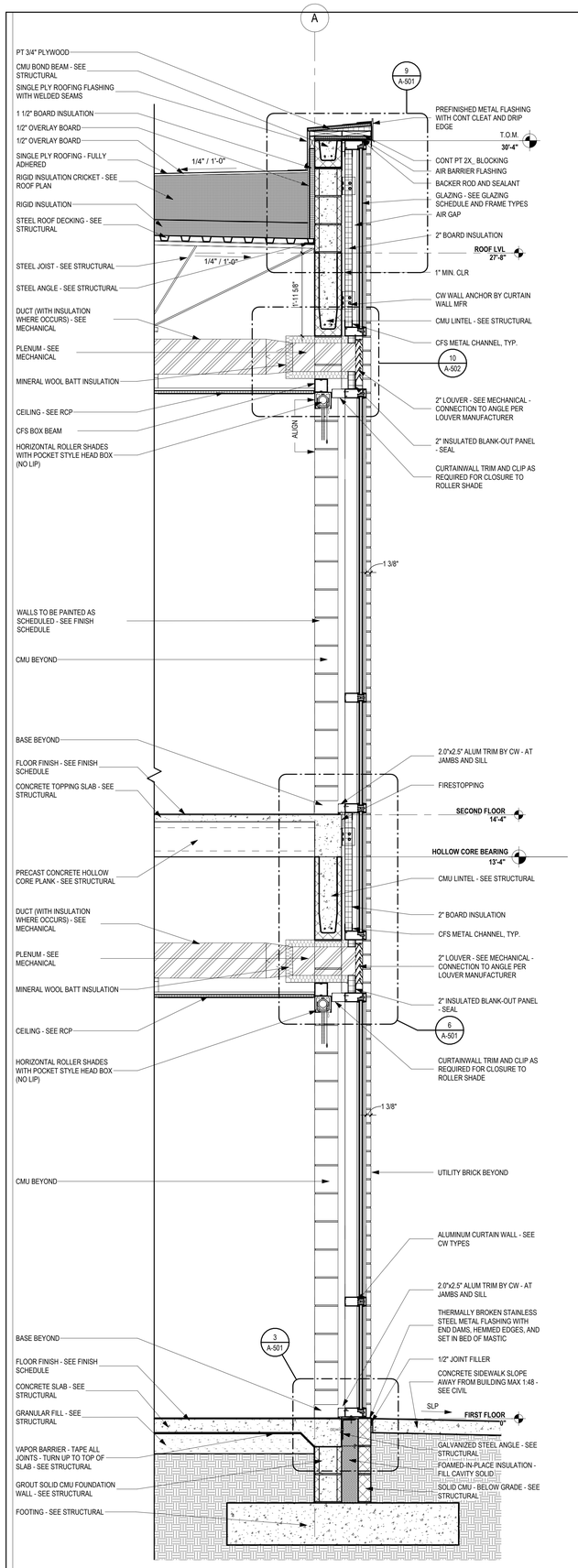
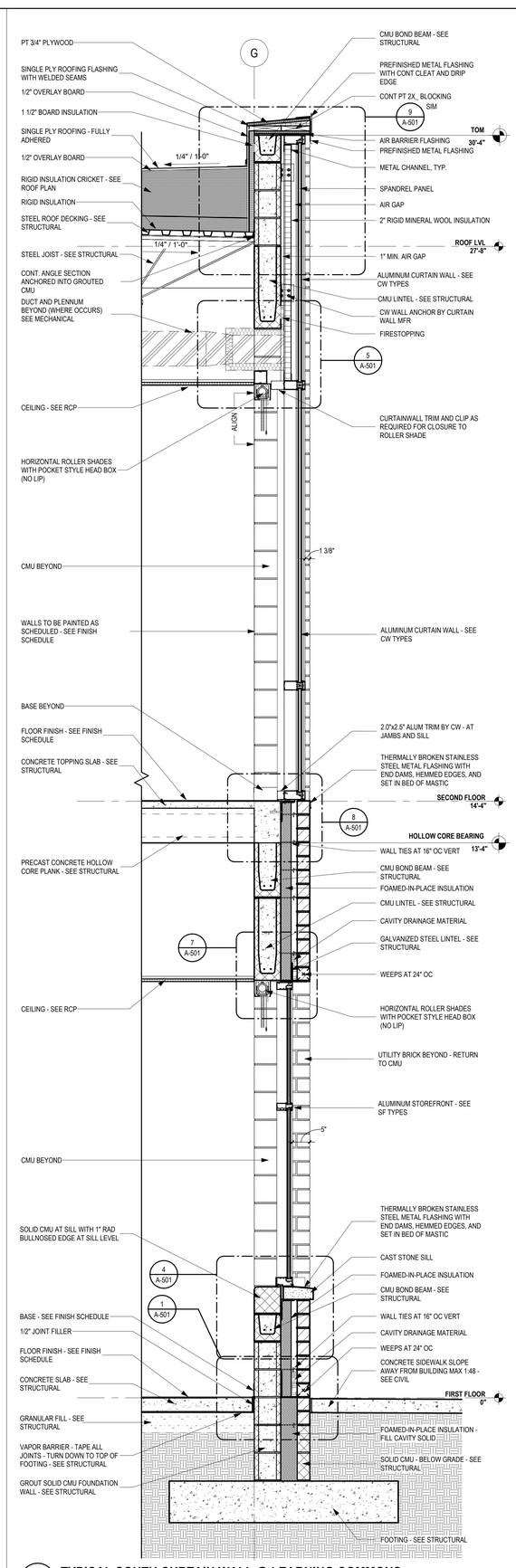
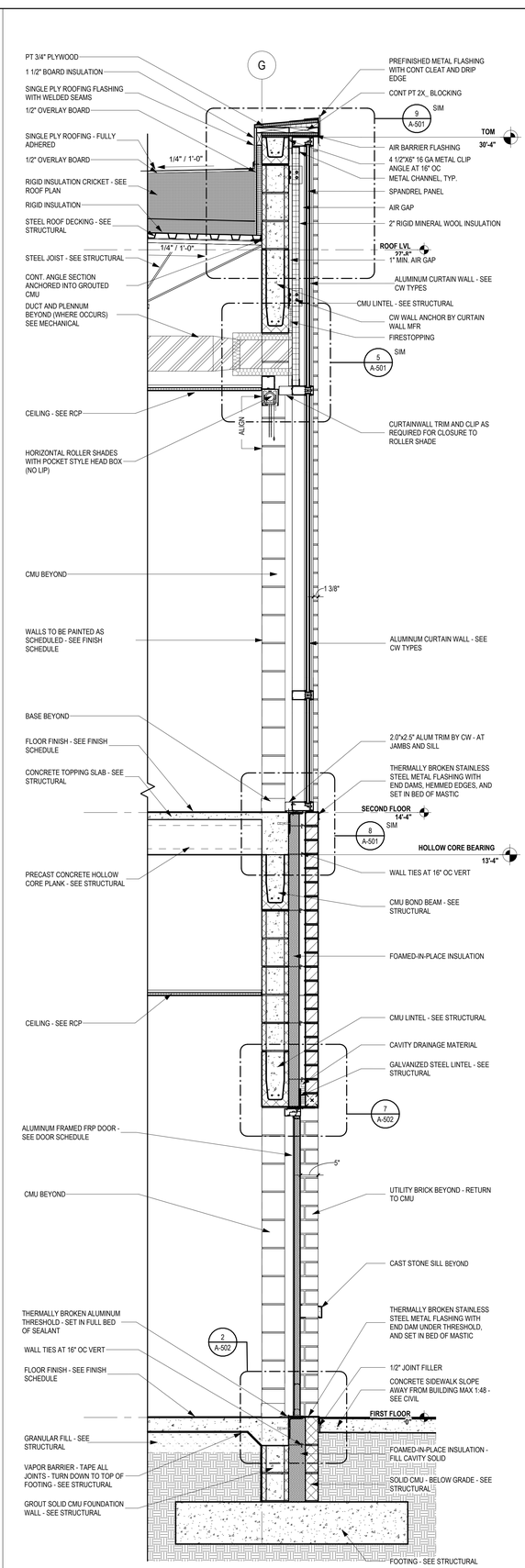


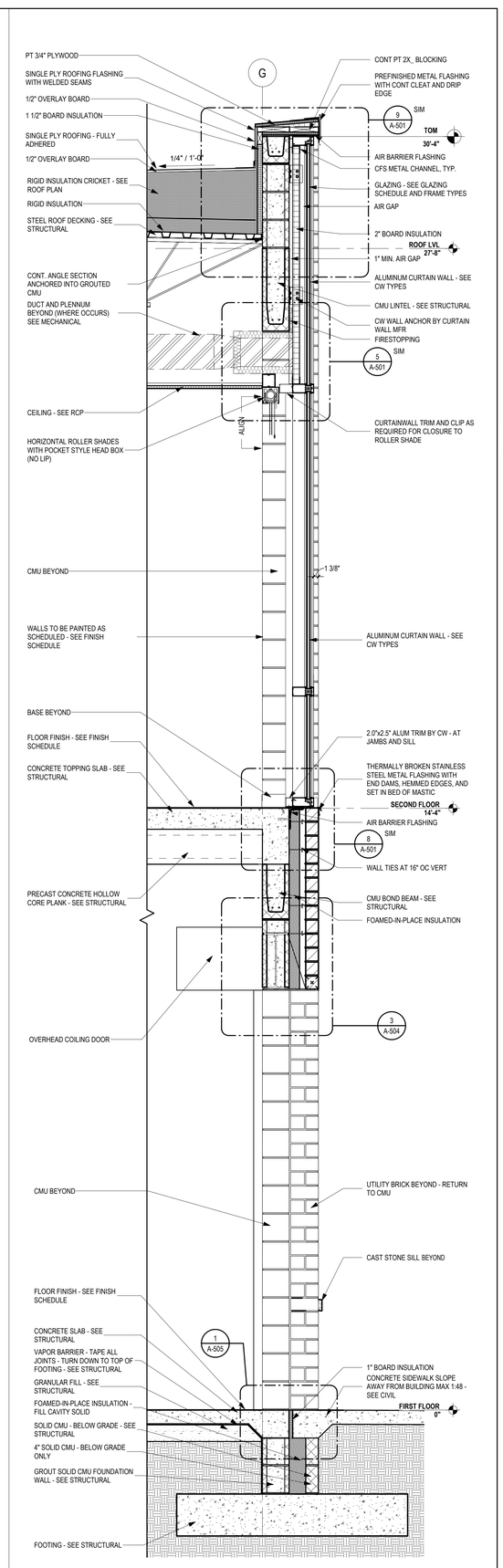
4 A-311 **TYP. NORTH CURTAIN WALL @ LEARNING COMMONS**
SCALE: 3/4" = 1'-0"



3 A-311 **TYPICAL SOUTH CURTAIN WALL @ LEARNING COMMONS**
SCALE: 3/4" = 1'-0"



2 A-311 **WALL SECTION AT SOUTH COMMONS**
SCALE: 3/4" = 1'-0"



1 A-311 **TYPICAL NORTH CLASSROOM WALL SECTION**
SCALE: 3/4" = 1'-0"

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STEVEN K. KITCHEN REGISTERED LANDSCAPE ARCHITECT 6.12.24

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WALL SECTIONS

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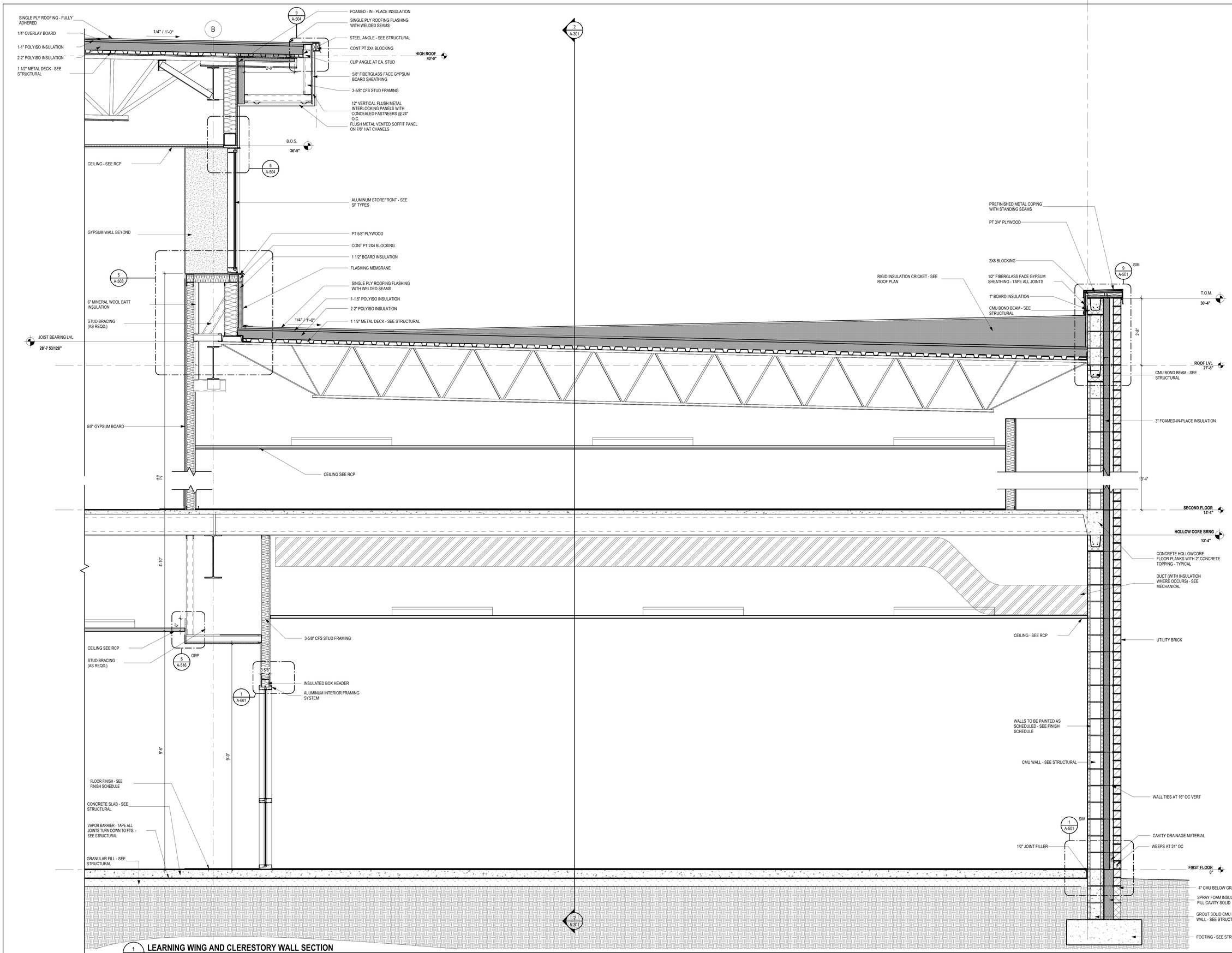

1 A-312 **LEARNING WING AND CLERESTORY WALL SECTION**

SCALE: 3/4" = 1'-0"

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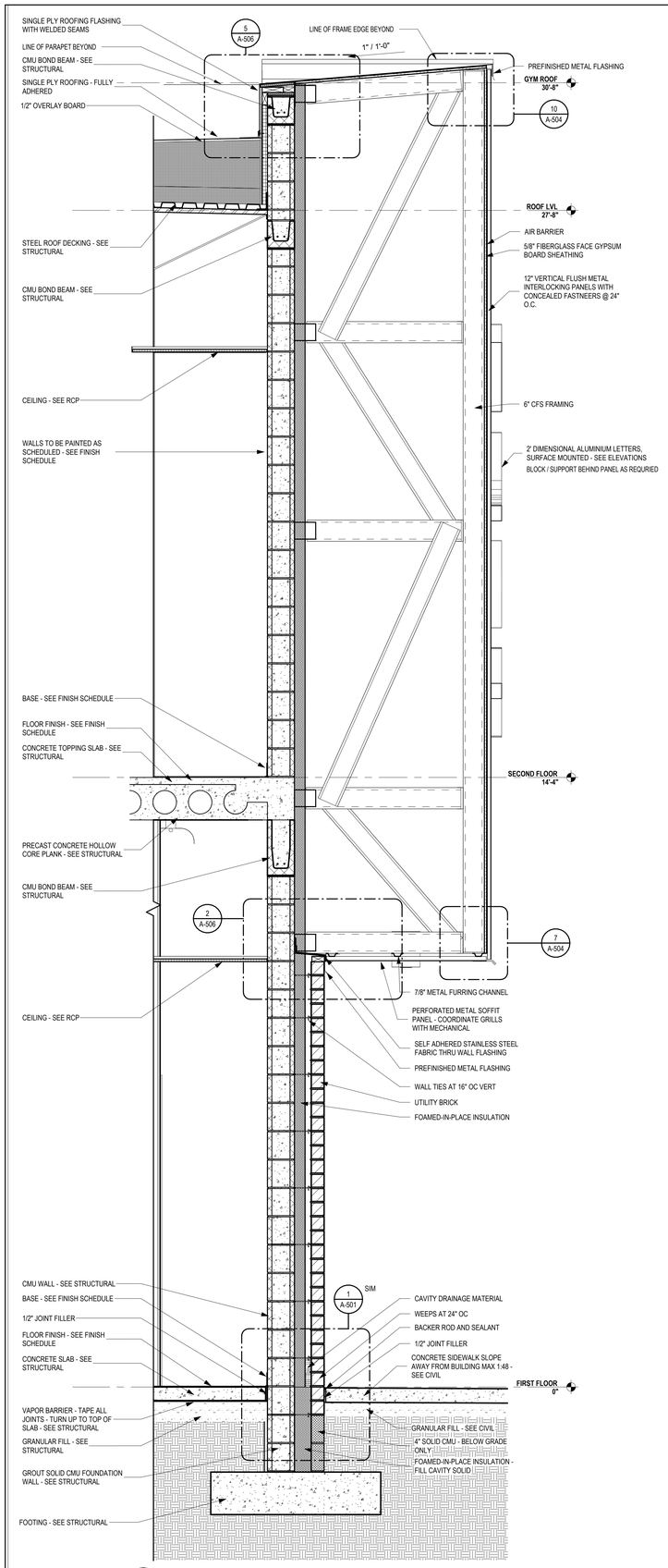
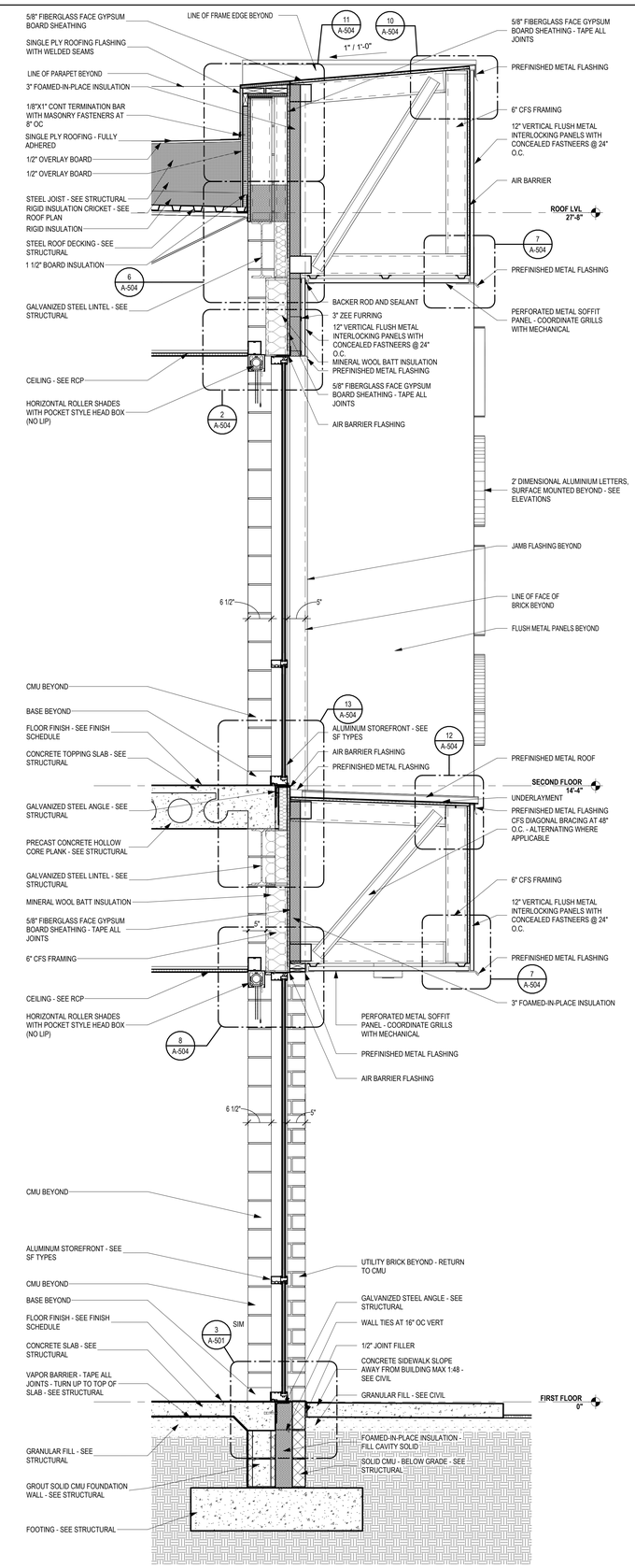
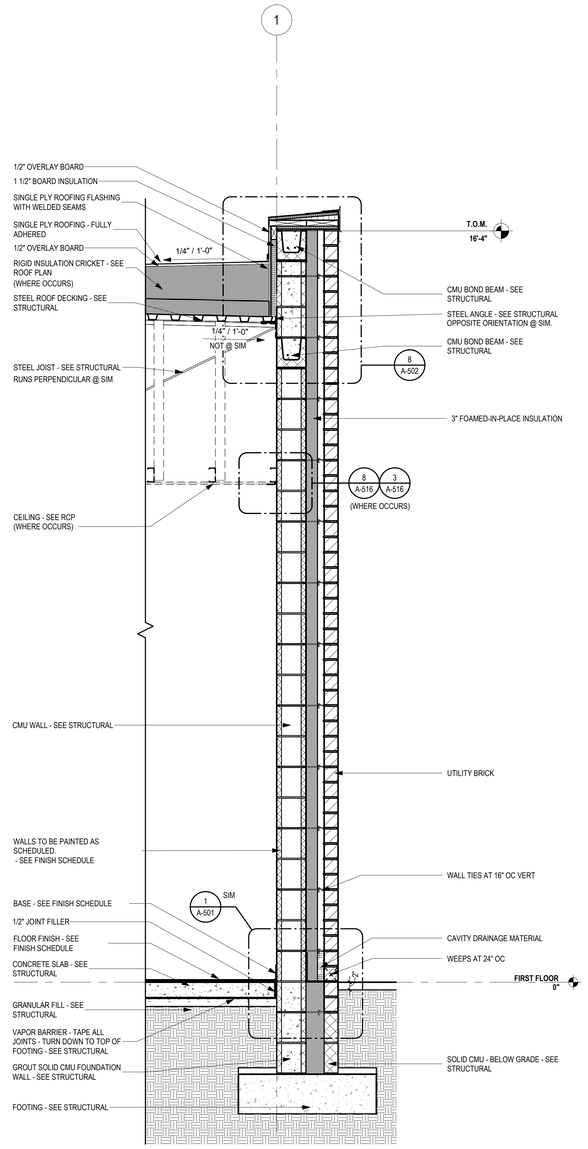


3 A-313 **GLAZING "FRAME" AT MASONRY WALL**
SCALE: 3/4" = 1'-0"



2 A-313 **GLAZING "FRAME" AT CLASSROOM STOREFRONT**
SCALE: 3/4" = 1'-0"



1 A-313 **TYPICAL SINGLE STORY MASONRY**
SCALE: 3/4" = 1'-0"

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WALL SECTIONS

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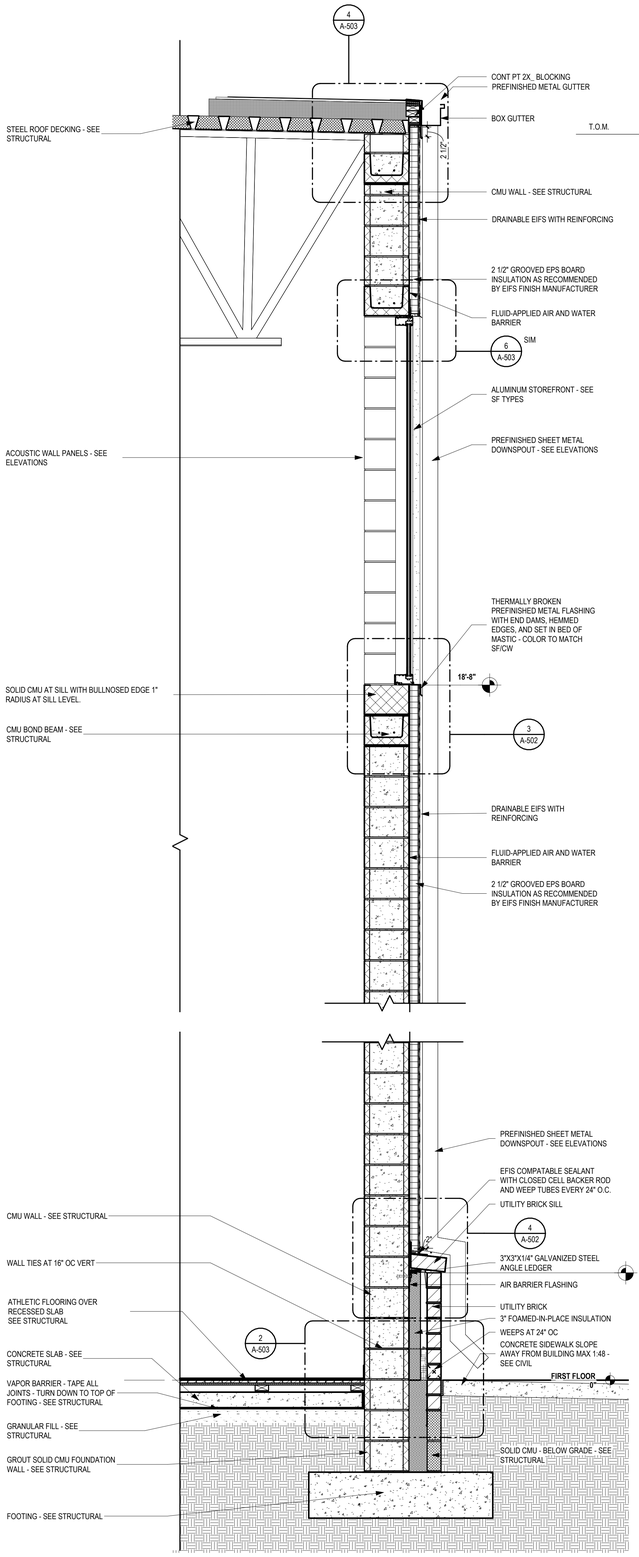
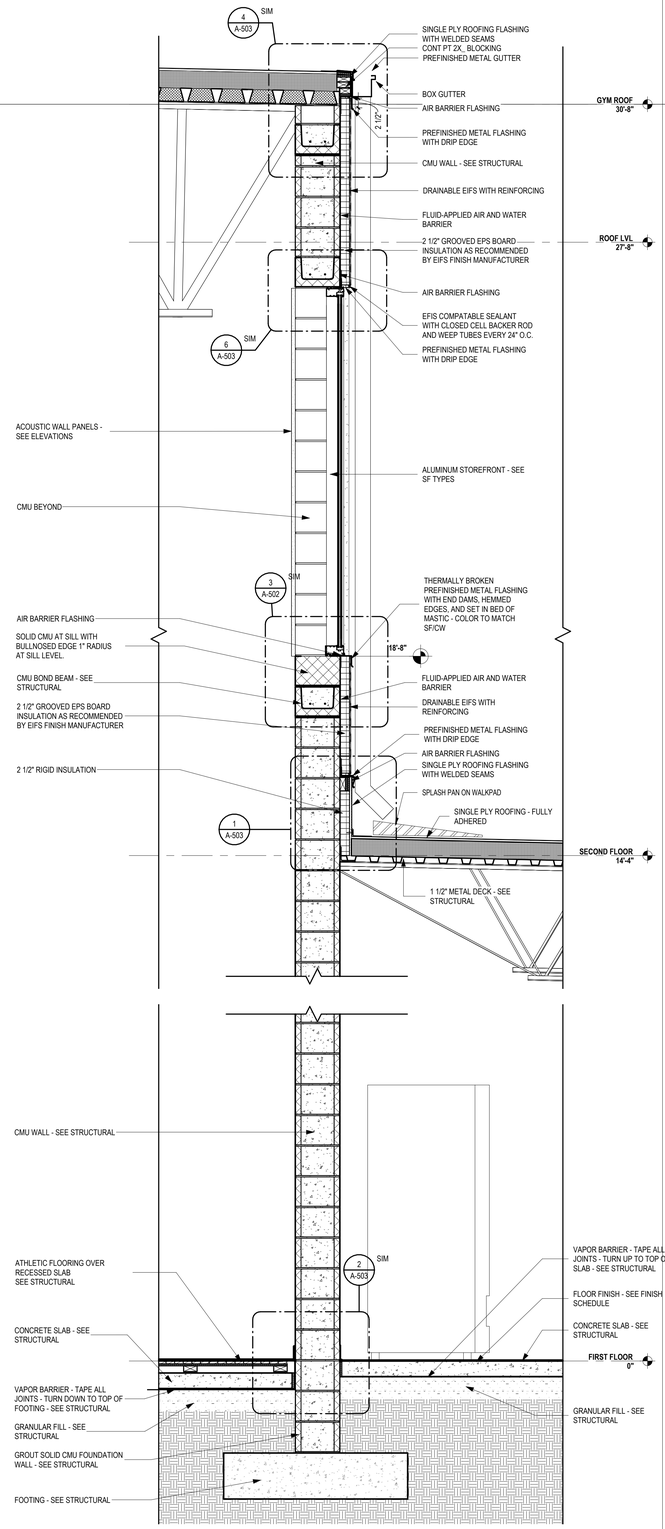
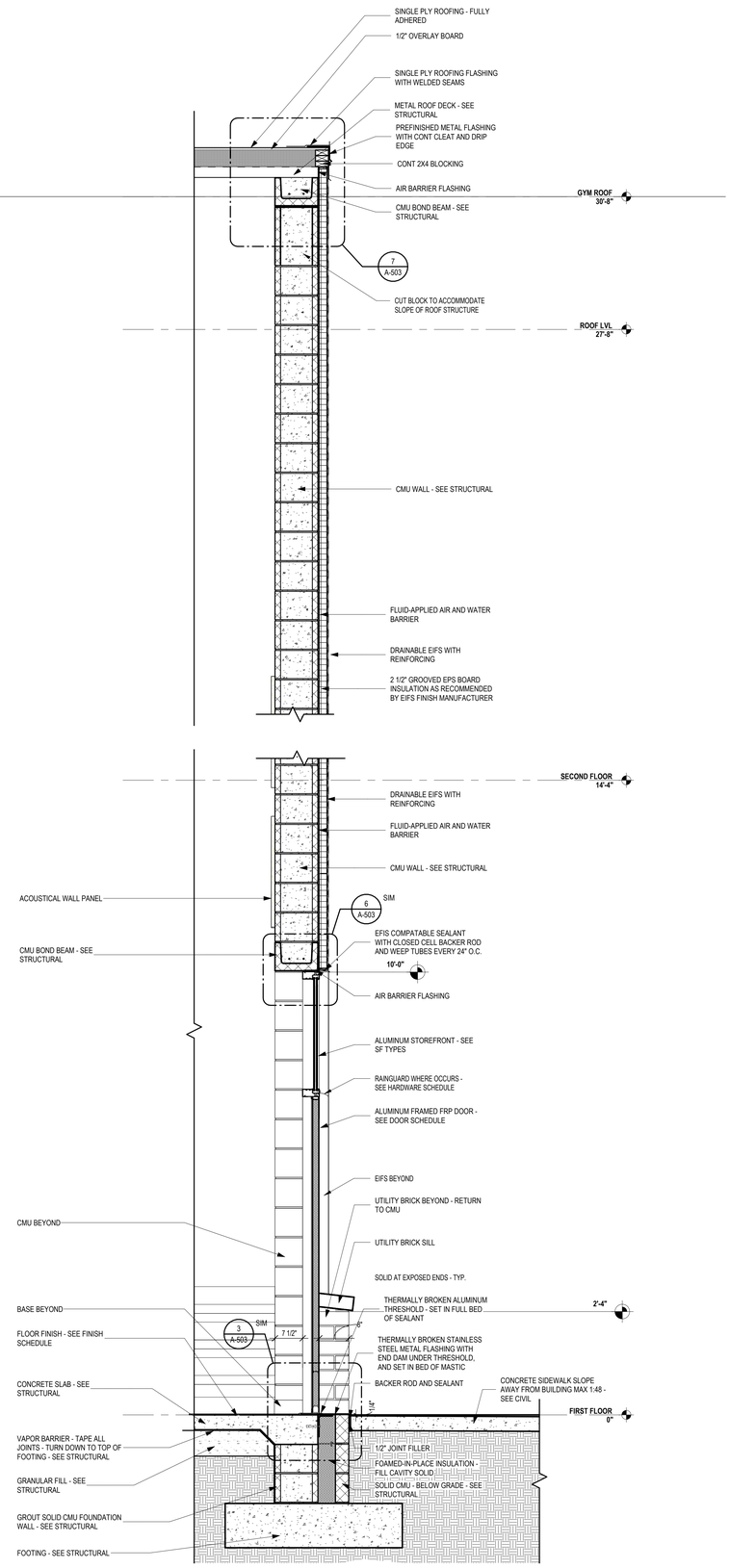


3 / A-314 TYP. GYM WALL WITH STOREFRONT
SCALE: 3/4" = 1'-0"



2 / A-314 TYPICAL GYM @ LOW ROOF
SCALE: 3/4" = 1'-0"



1 / A-314 MIDDLE SCHOOL GYM EXIT DOOR
SCALE: 3/4" = 1'-0"

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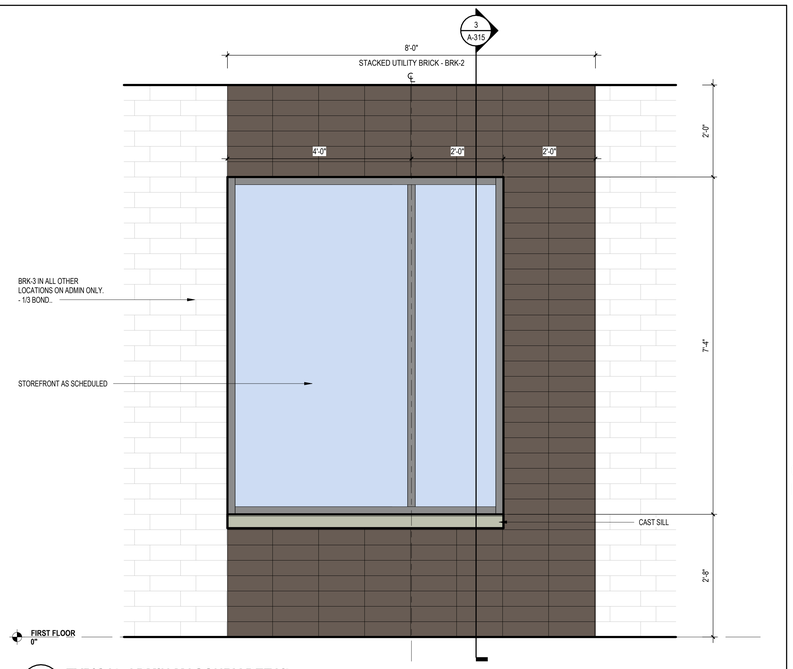
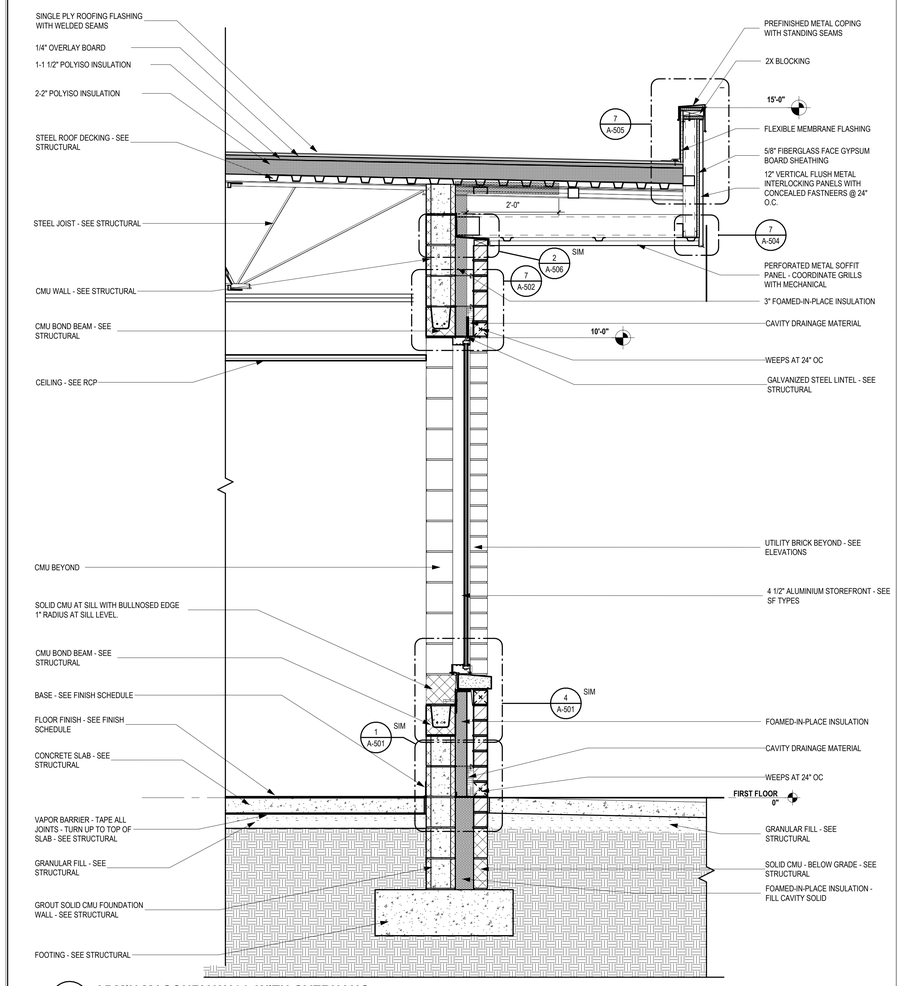


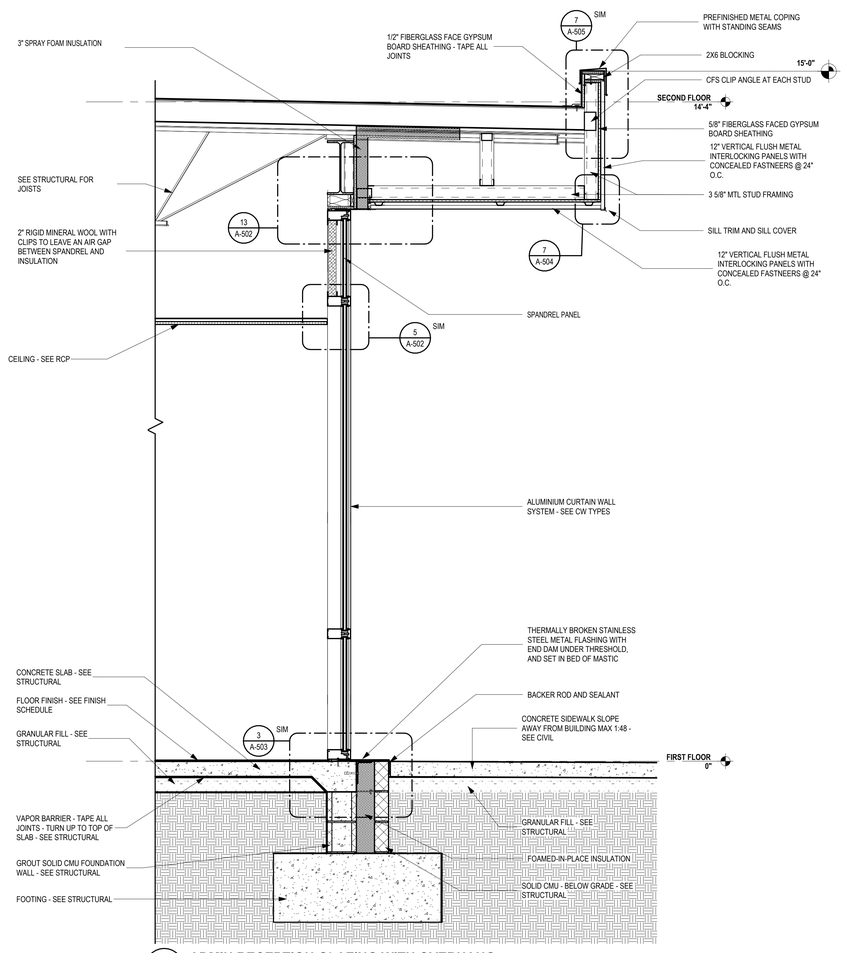
4 A-315 TYPICAL ADMIN MASONRY DETAIL

SCALE: 3/4" = 1'-0"



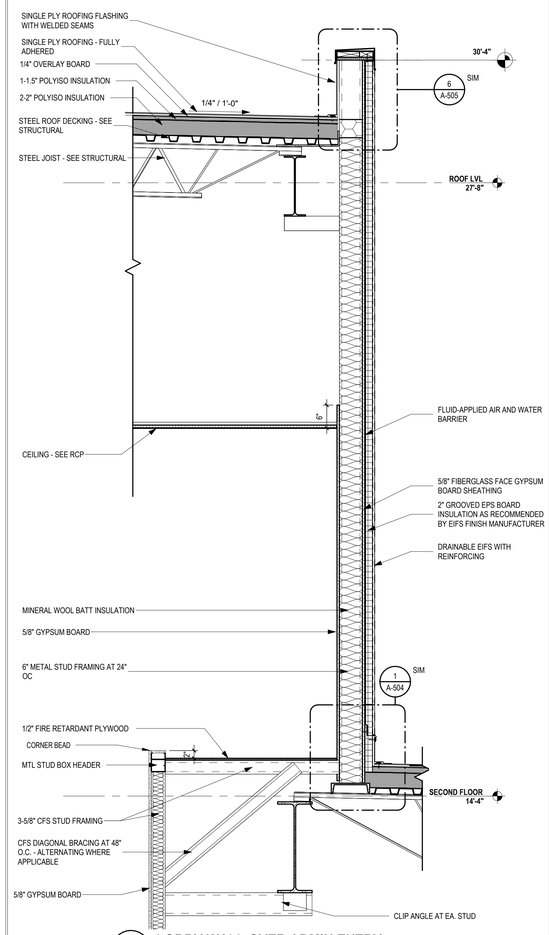
3 A-315 ADMIN MASONRY WALL WITH OVERHANG

SCALE: 3/4" = 1'-0"



2 A-315 ADMIN RECEPTION GLAZING WITH OVERHANG

SCALE: 3/4" = 1'-0"



1 A-315 LOBBY WALL OVER ADMIN ENTRY

SCALE: 3/4" = 1'-0"

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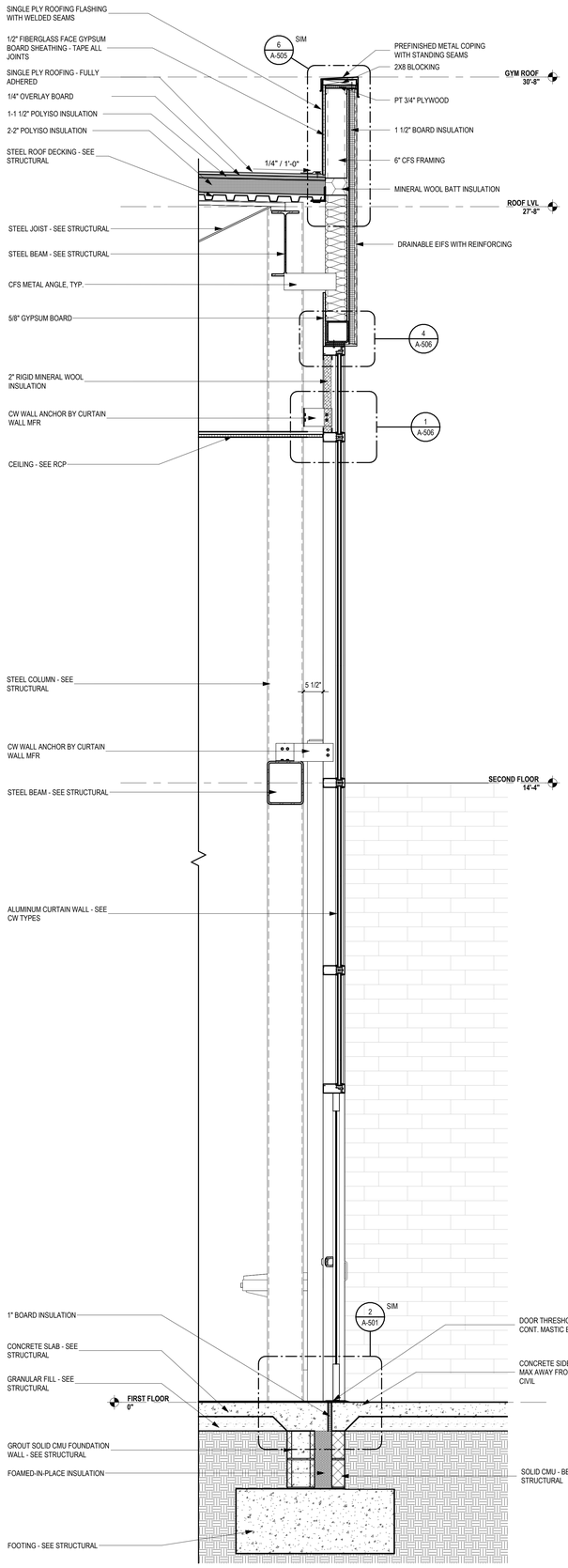
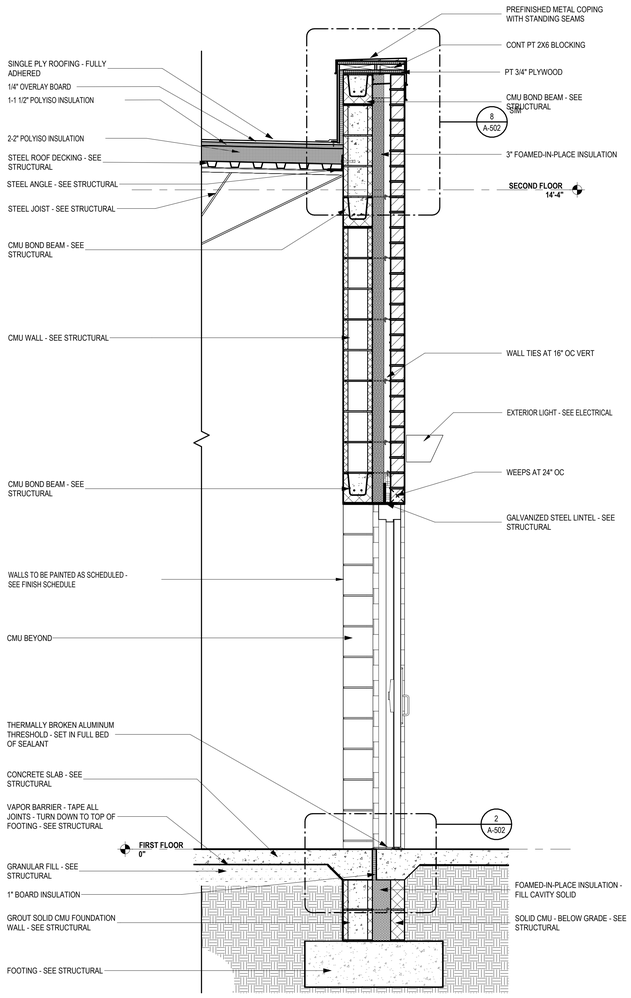
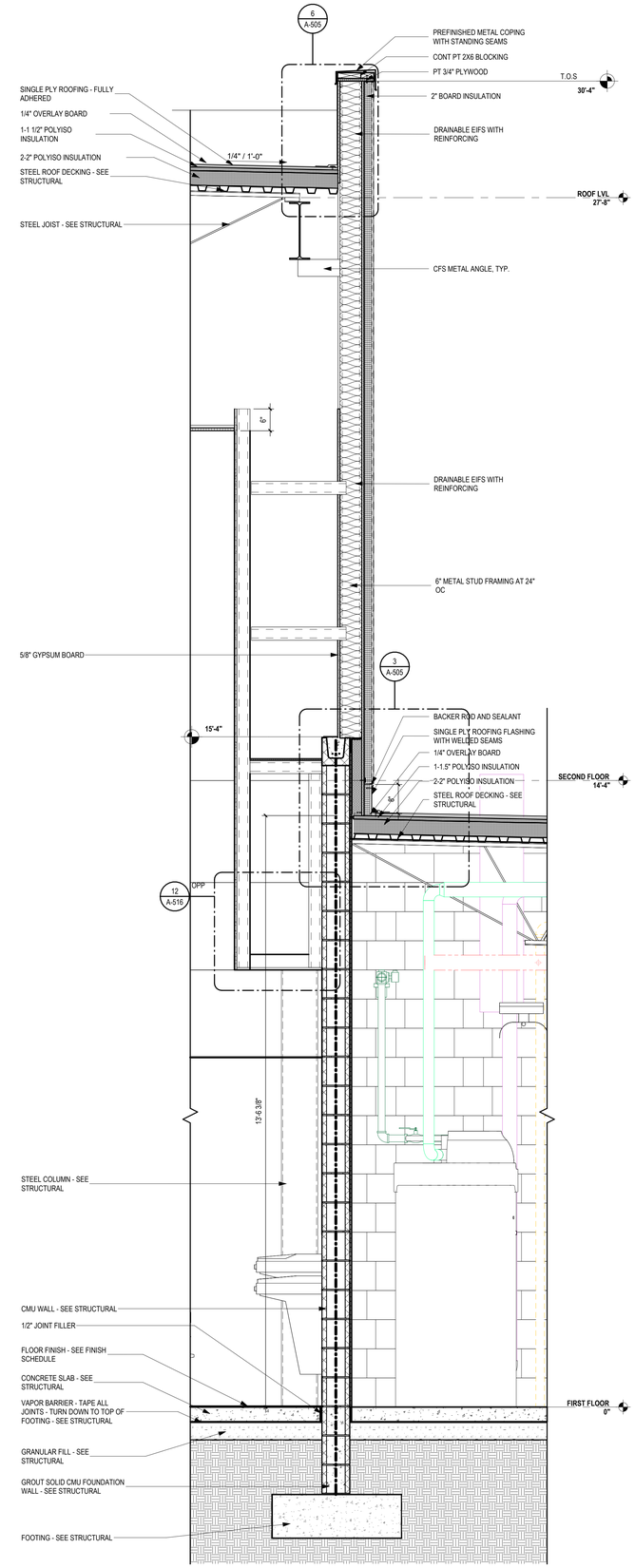


3 A-316 **DINING CURTAIN WALL AND OUTDOOR DINING CANOPY**
SCALE: 3/4" = 1'-0"



2 A-316 **TYP. SINGLE STORY MASONRY WALL @ DOOR**
SCALE: 3/4" = 1'-0"



1 A-316 **DINING / PUMP ROOM WALL SECTION**
SCALE: 3/4" = 1'-0"

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PUBLIC LIMITED PRELIMINARY NOT FOR CONSTRUCTION 6.12.24 PLEASANTVILLE NEW JERSEY

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

WALL SECTIONS

A-316

ADA AND LEGAL DISCLAIMER: This document is intended to comply with the requirements of the Americans with Disabilities Act (ADA). However architects and engineers are not licensed to interpret laws or give advice concerning laws. The owner should have this document reviewed by his attorney to determine if it complies with ADA and other laws.

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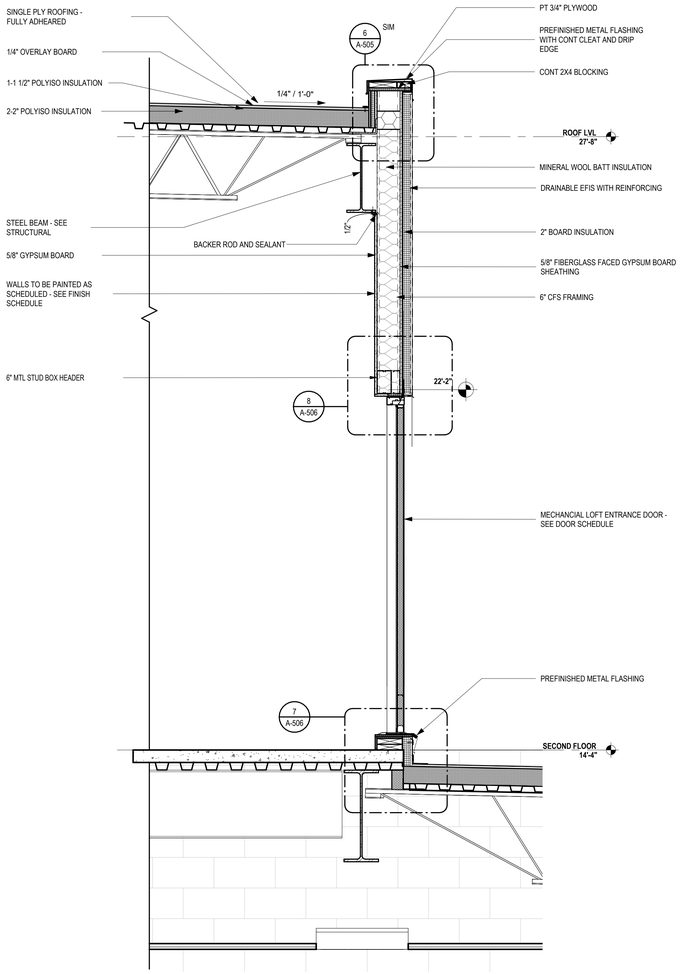

2 A-317 **MECHANICAL LOFT @ DOOR**
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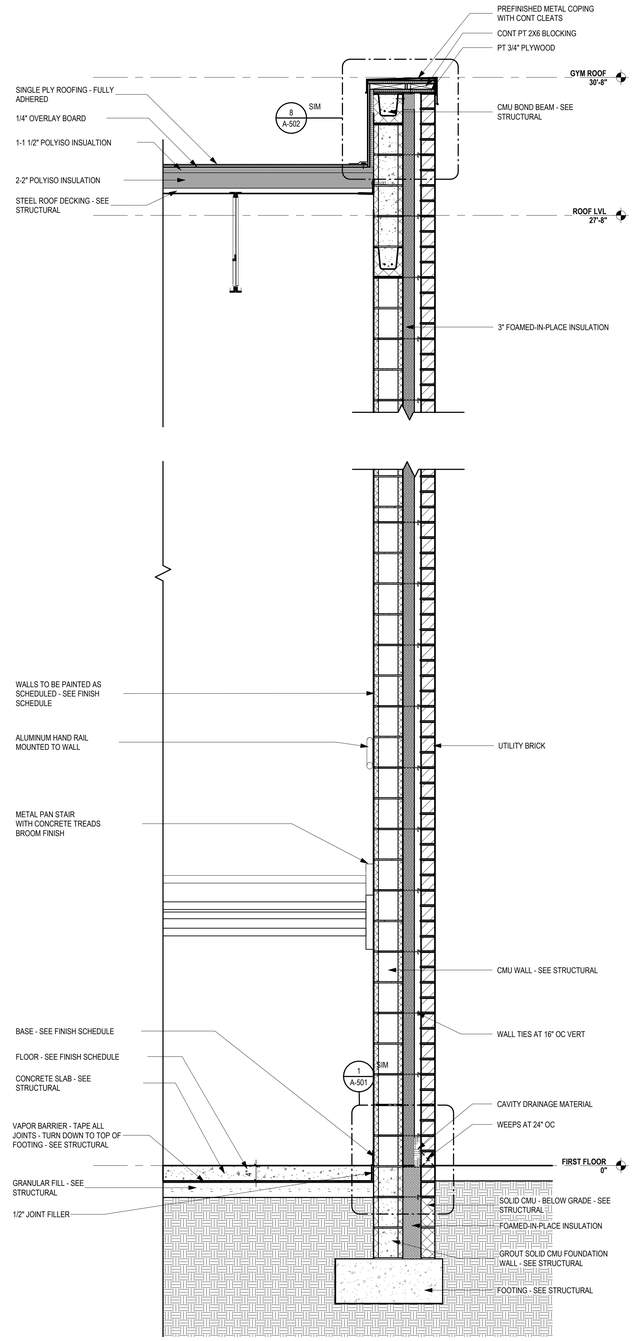

1 A-317 **TYP. EGRESS STAIR WALL**
SCALE: 3/4" = 1'-0"

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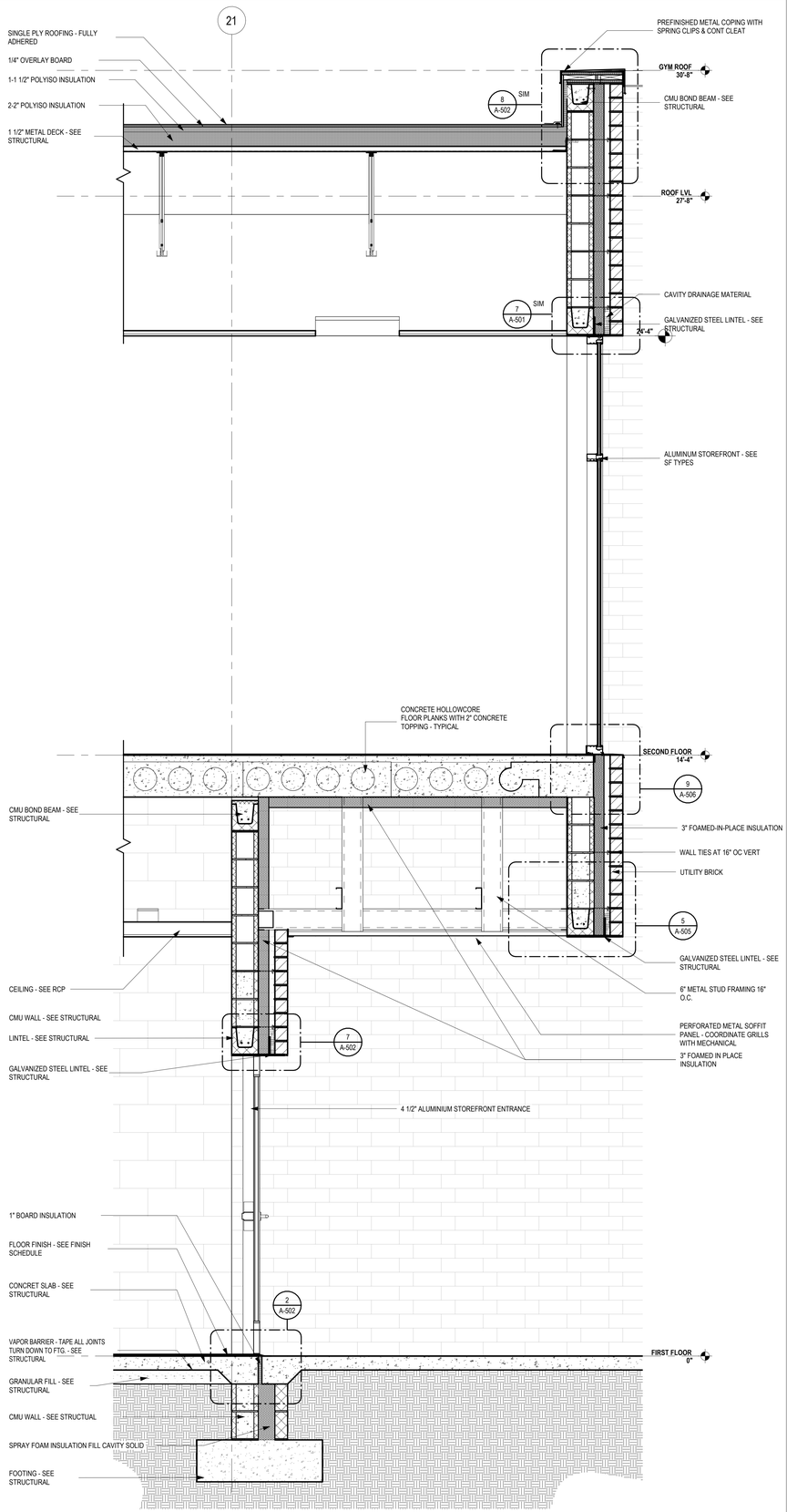

3 A-318 **EAST SIDE ENTRY**
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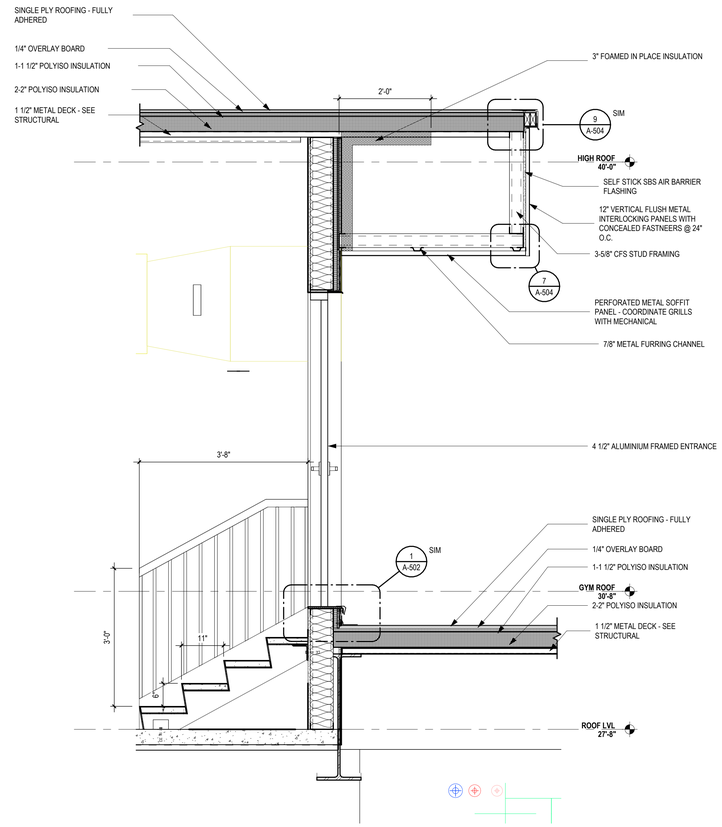

2 A-318 **TYP MECH. LOFT ROOF ACCESS DOOR**
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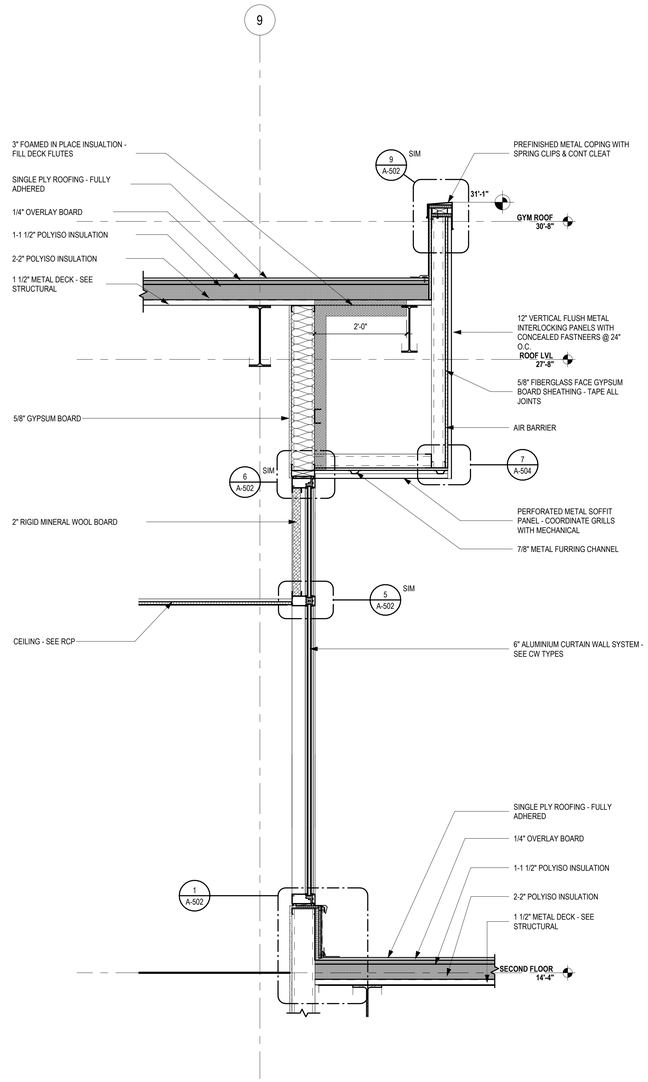

1 A-318 **ENRTY VESTABULE GLAZING @ ADMIN ROOF**
SCALE: 3/4" = 1'-0"

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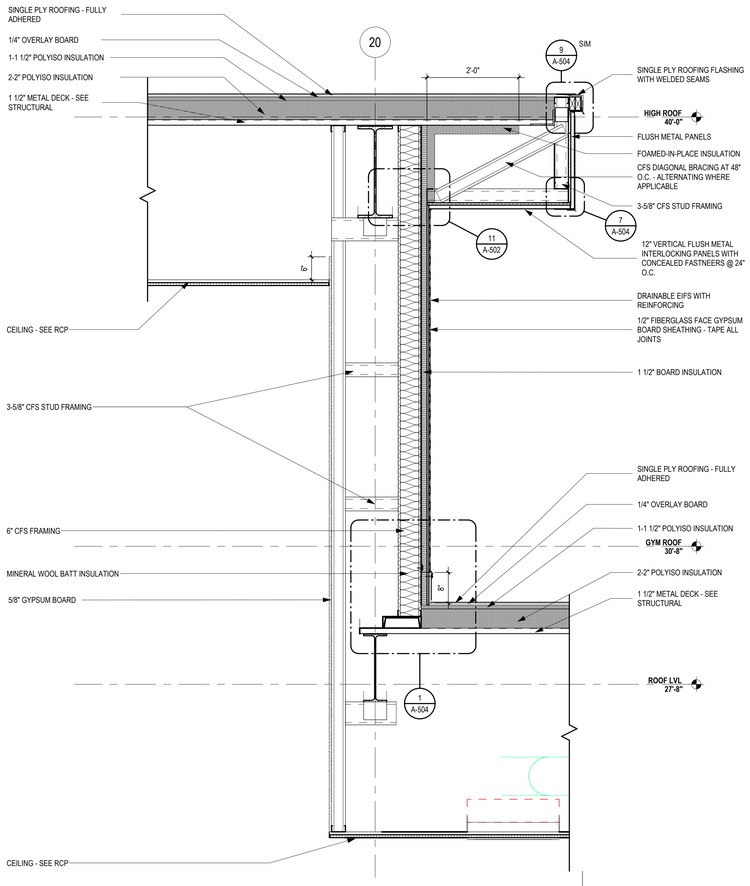

3 / A-319 CLERESTORY - EAST - WALL SECTION @ EFIS END WALL
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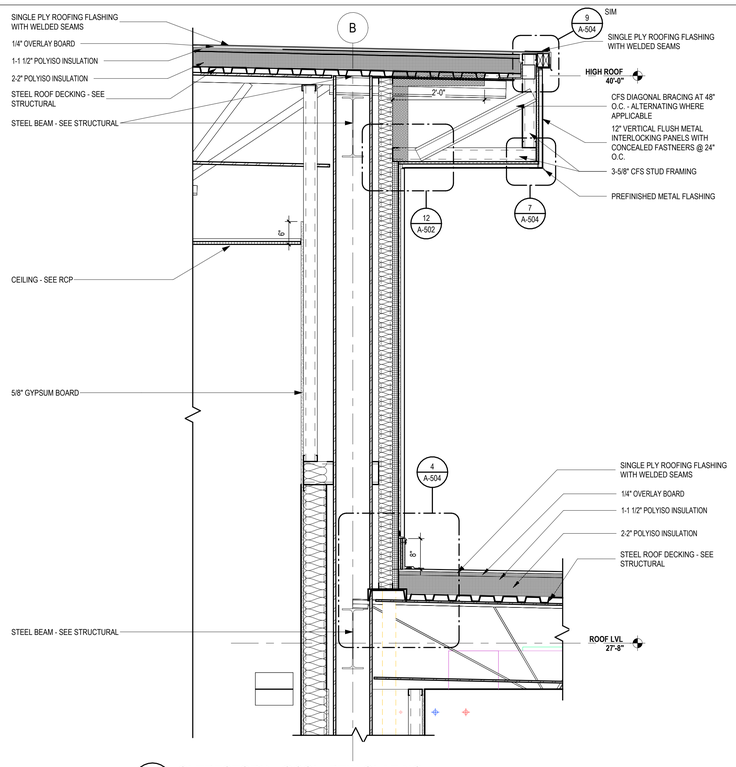

2 / A-319 CLERESTORY - @COL. BTW GLAZING
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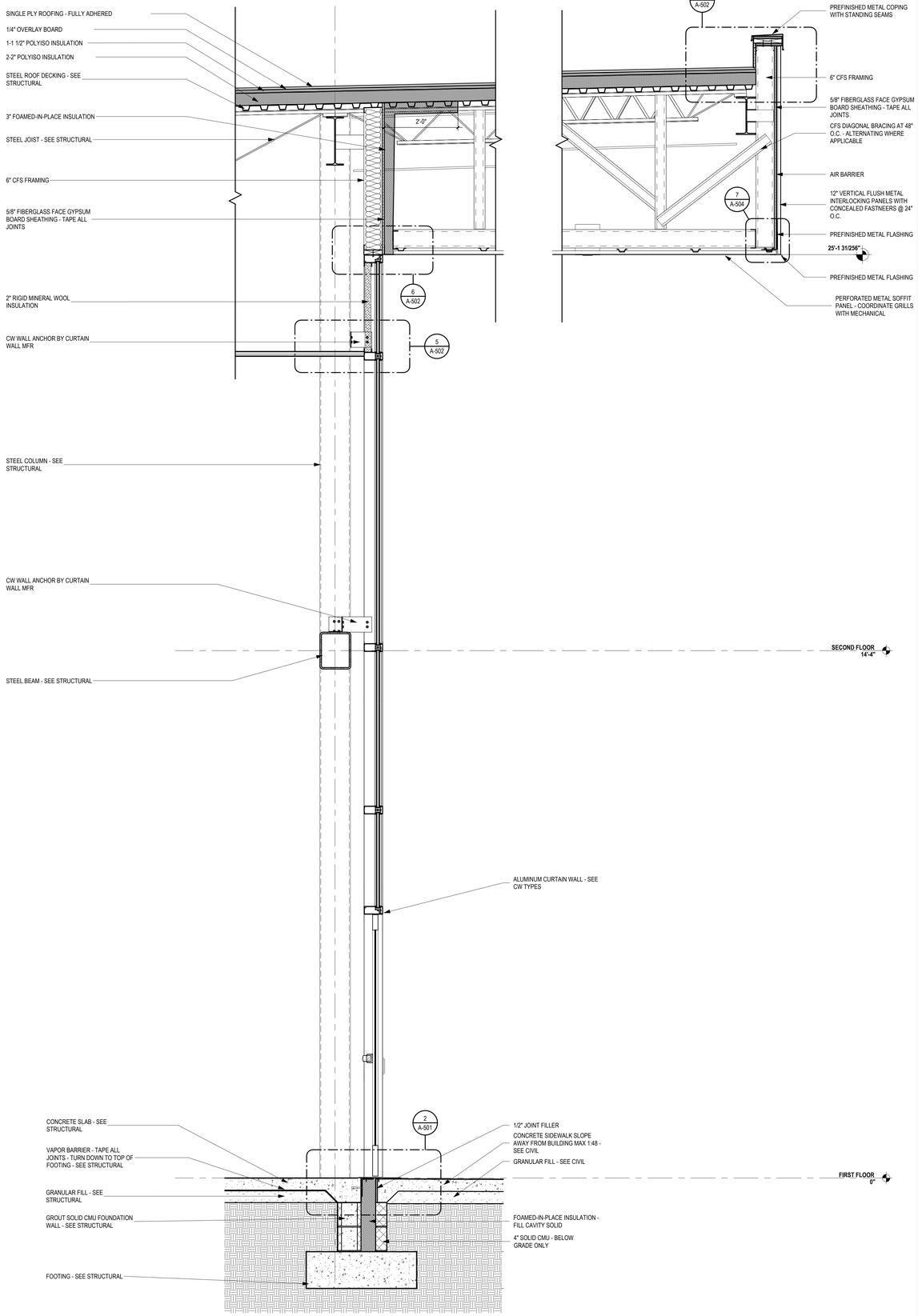

1 / A-319 ENTRY CURTAIN WALL AND CANOPY WALL SECTION
SCALE: 3/4" = 1'-0"

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WALL SECTIONS

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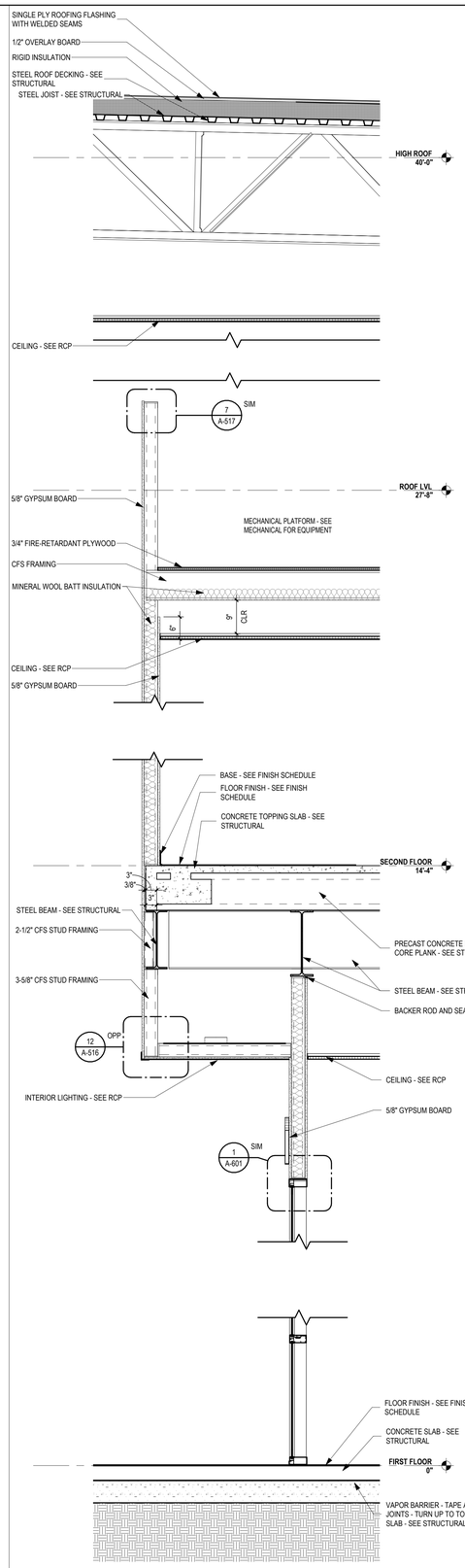

4 A-320 **WALL SECTION AT COMMONS LOFT**
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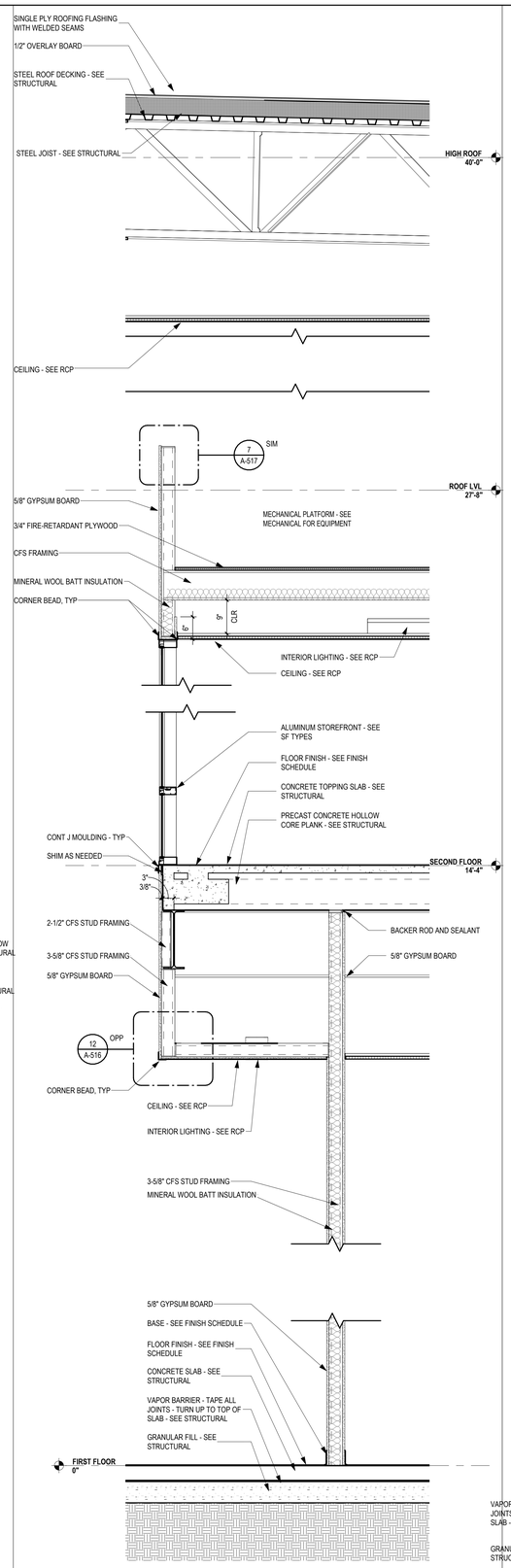

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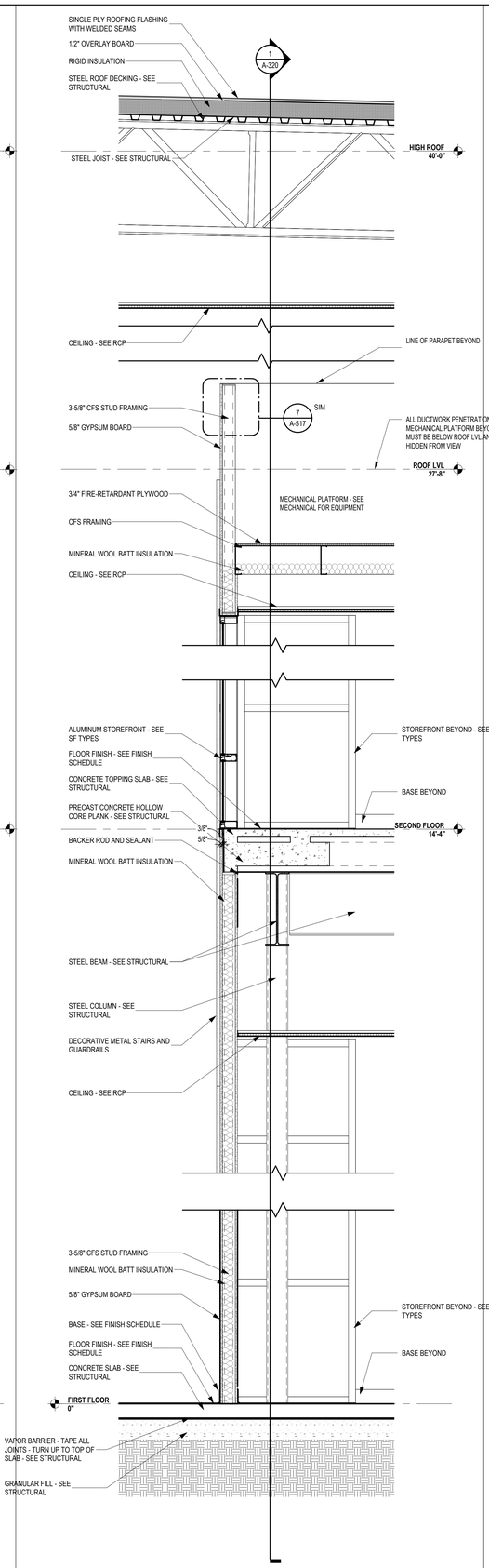

2 A-320 **WALL SECTION AT COMMONS LOFT**
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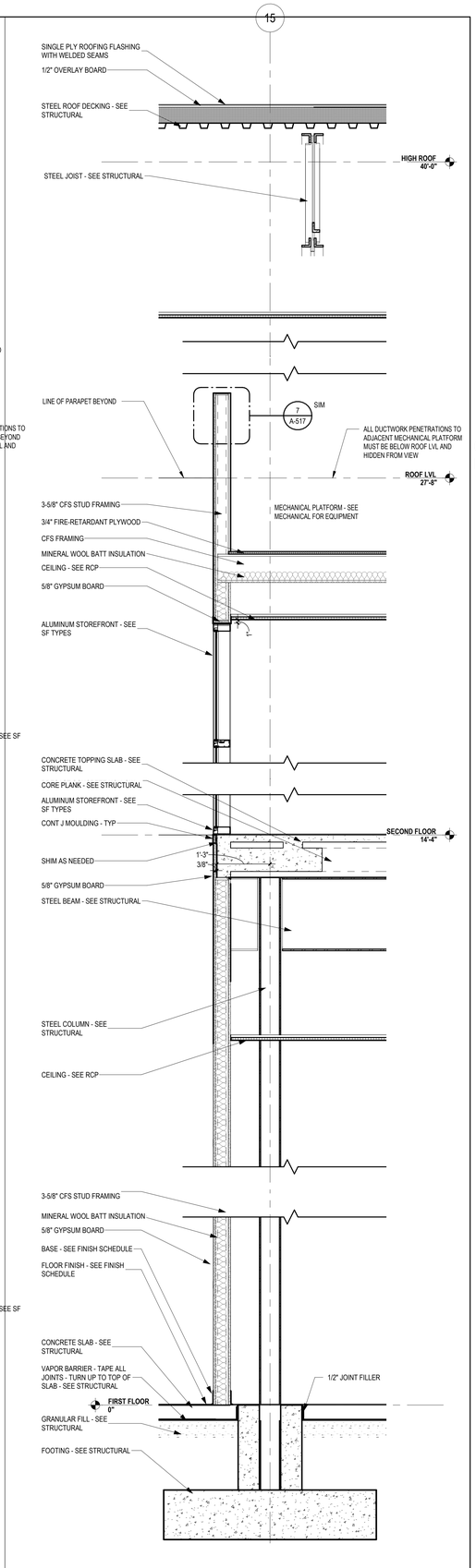

1 A-320 **WALL SECTION AT COMMONS LOFT**
SCALE: 3/4" = 1'-0"

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PROFESSIONAL ENGINEER SEAL 049911 MICHAEL J. LINDSTROM NORTH CAROLINA 6.12.24 REGISTERED

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WALL SECTIONS

A-320

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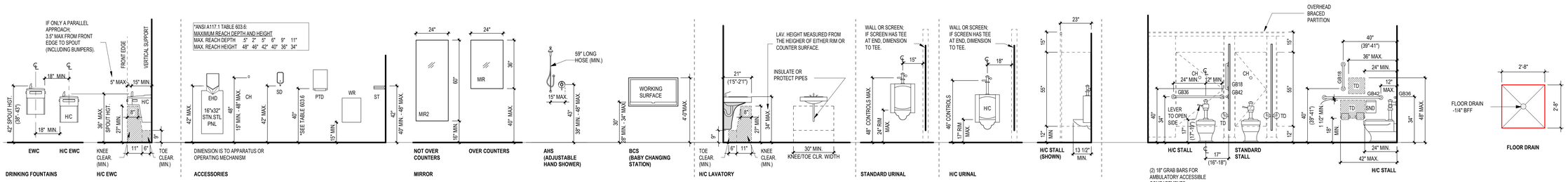

14 A-401 PLUMBING ELEMENTS AND FACILITIES ACCESSIBLE MOUNTING HEIGHTS

SCALE: 3/8" = 1'-0"

TOILET ACCESSORY LEGEND

NAME	DESCRIPTION
CH	COAT HOOK
EHD	ELECTRIC HAND DRYER
FD	FLOOR DRAIN - SEE PLUMBING
GB	1 1/2" DIA SS GRAB BAR (GB# NOTED IN PLAN INDICATES LENGTH IN INCHES)
H/C	INDICATES TO MOUNT FIXTURE AT HANDICAPPED ACCESSIBLE HEIGHT
MIR	SS FRAMED WALL MIRROR ATTACHED WITH CONCEALED FASTENERS
SD	WALL MOUNTED GRAVITY FED SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL (WOMENS TOILET ROOMS ONLY)
TD	DBL. ROLL TOILET TISSUE DISPENSER; 1 PER STALL IN GROUP TOILETS
SS	SHOWER COMPARTMENT SEAT
WR	SURFACE MOUNTED WASTE RECEPTACLE

GENERAL NOTES:

1. IF URINAL SCREEN = / > 24" DEEP; PROVIDE 3'-0" CLEAR FLOOR SPACE.
2. ACCESSIBLE URINAL TO MAINTAIN 30" CLEAR FLOOR WIDTH; CONFIRM WIDTH IS CLEAR BETWEEN SCREEN FLOOR SUPPORTS.
3. WHERE AN ADMINISTRATIVE AUTHORITY REQUIRES FLUSH CONTROLS FOR FLUSH VALVES TO BE LOCATED IN A POSITION THAT CONFLICTS WITH THE LOCATION OF THE REAR GRAB BAR, THE GRAB BAR SHALL BE PERMITTED TO BE SPLIT OR SHIFTED TO THE OPEN SIDE OF THE TOILET AREA. (ANSI 117.1-604.5.2x2)
4. LOCATE FLUSH CONTROL ON OPEN SIDE OF WATER CLOSET.
5. 30"x48" CLEAR FLOOR SPACE WITHIN ROOM per A117.1-2009 603.2.2x2.
6. 60" DIAMETER CLEAR FLOOR SPACE per A117.1-2009 603.2.1.
7. PTD MUST PROTRUDE 4" OR LESS INTO LAVATORY CLEAR SPACE.
8. 30"x48" FORWARD APPROACH CLEAR SPACE CENTERED ON ELEMENT.
9. 60"x56" CLEAR FLOOR SPACE MEASURED PERPENDICULAR TO ADJACENT SIDE AND REAR WALL OF THE ACCESSIBLE TOILET. (ANSI 117.1-2009-604.3.1+2).
10. COMPRESSABLE THRESHOLD: 1/2" MAX HGT.
11. DIMENSIONS TO GRAB BARS IS TO TOP OF GRAB SURFACE.
12. DIMENSIONS TO ACCESSORIES IS TO THE OPERABLE PORTION OF THE DEVICE.
13. PROVIDE WALL SPACERS AT ALL LOCATIONS AN ACCESSORY SPANS TWO DISSIMILAR WALL MATERIALS.

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RESTROOMS - LEGEND

A-401

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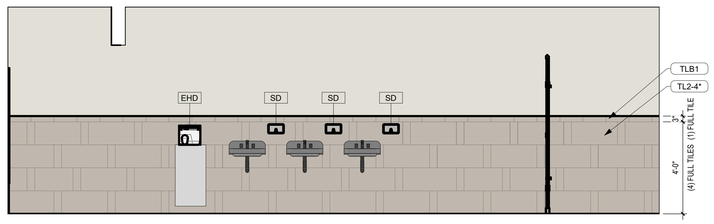
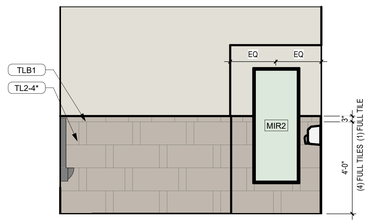


25 A-402 **BOYS RR 1714 - EAST**
SCALE: 3/8" = 1'-0"



24 A-402 **BOYS RR 1714 - NORTH**
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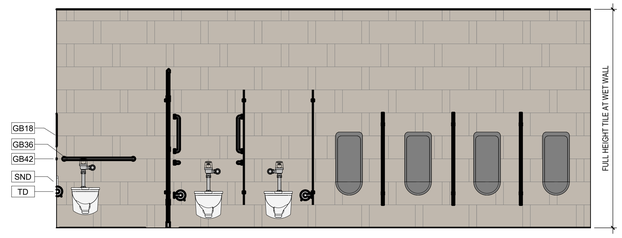

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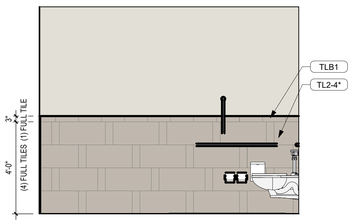

22 A-402 **BOYS RR 1714 - SOUTH**
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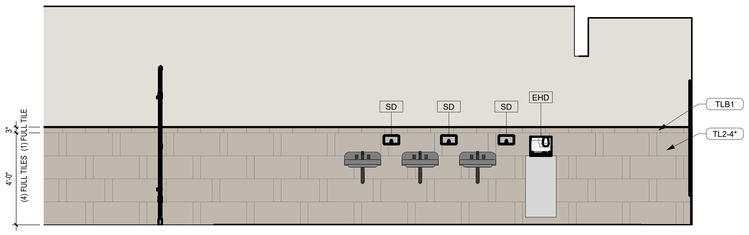

21 A-402 **GIRLS RR 1720 - EAST**
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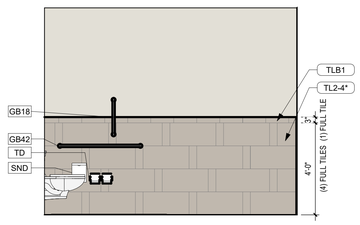

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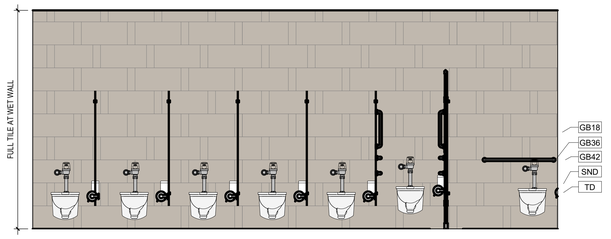

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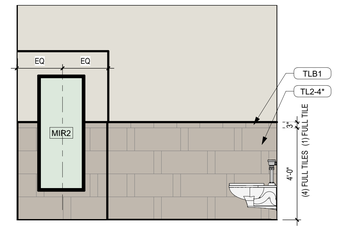

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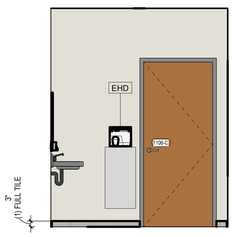

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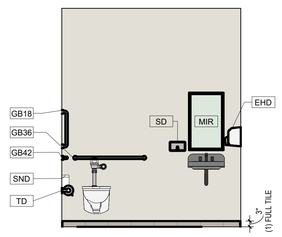

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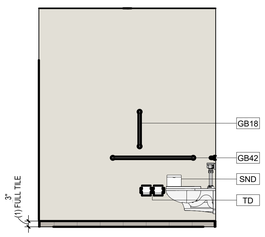

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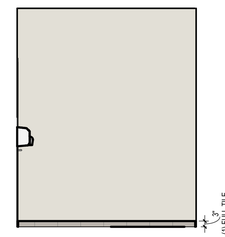

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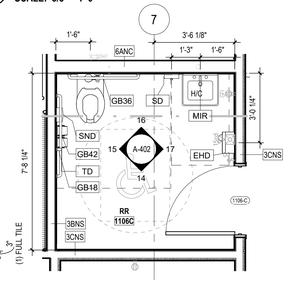

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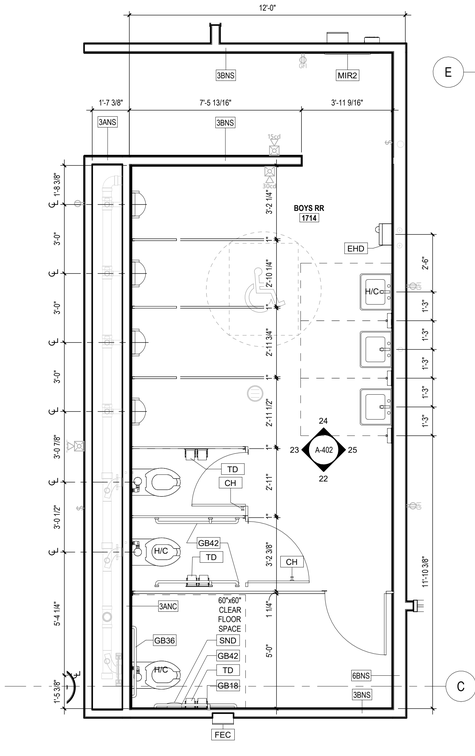

7 A-402 **FIRST FLOOR PLAN BOYS RR - 1608**
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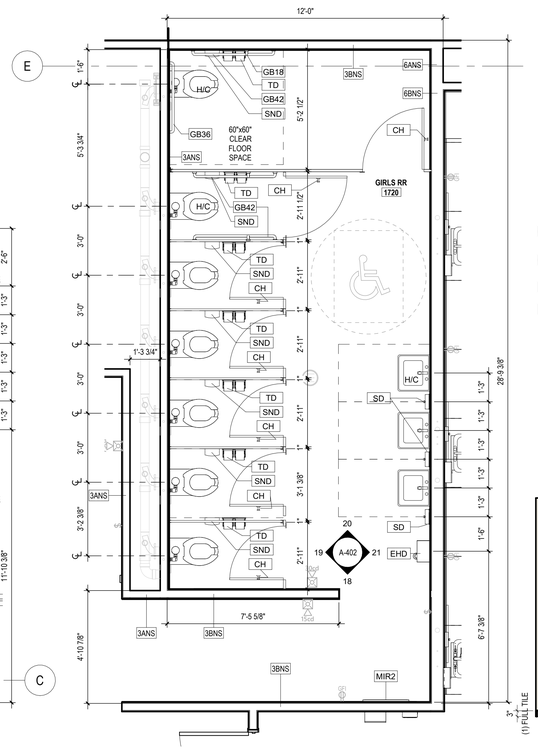

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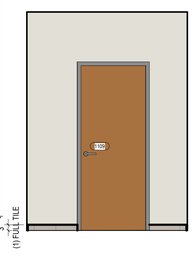

5 A-402 **RR 1109 - SOUTH**
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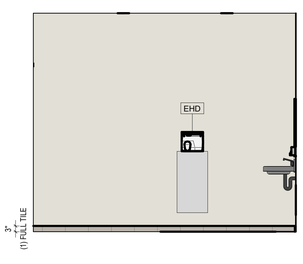

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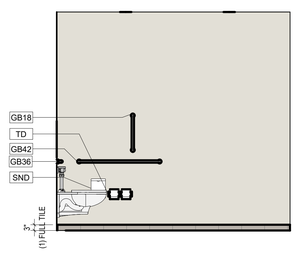

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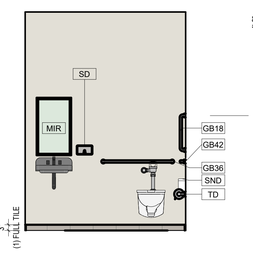

2 A-402 **RR 1109 - NORTH**
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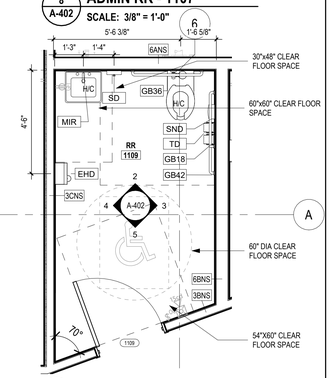

1 A-402 **ADMIN RR - 1109**
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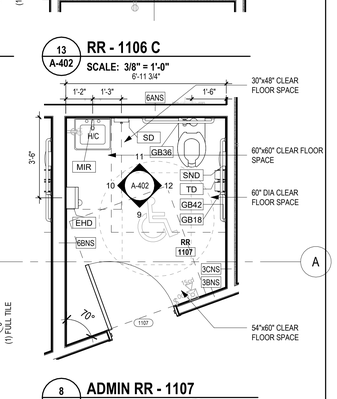

8 A-402 **ADMIN RR - 1107**
SCALE: 3/8" = 1'-0"

9 A-402 **FIRST FLOOR PLAN BOYS RR - 1608**
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10 A-402 **RR 1107 - WEST**
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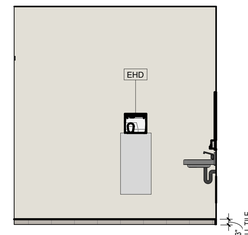

11 A-402 **RR 1107 - NORTH**
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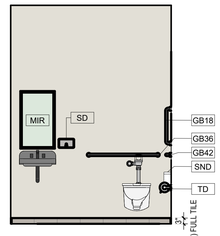

12 A-402 **RR 1107 - EAST**
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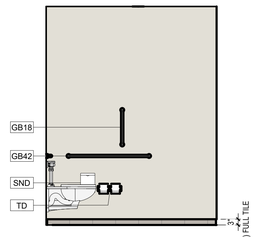

9 A-402 **RR 1107 - SOUTH**
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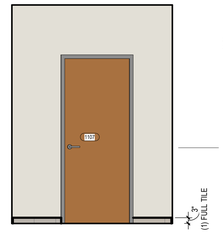

8 A-402 **ADMIN RR - 1107**
SCALE: 3/8" = 1'-0"

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

ENLARGED PLANS & ELEVATIONS - RESTROOM

A-402

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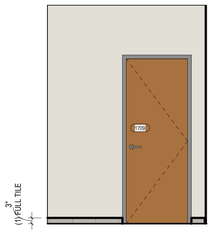

12 A-403 **STF 1709 - SOUTH**
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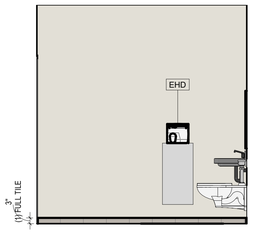

11 A-403 **STF 1709 - WEST**
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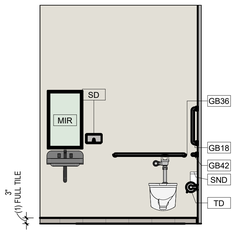

10 A-403 **STF 1709 - NORTH**
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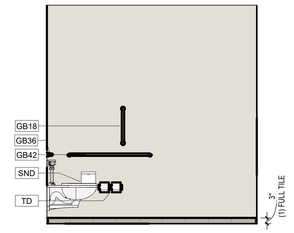

9 A-403 **STF 1709 - EAST**
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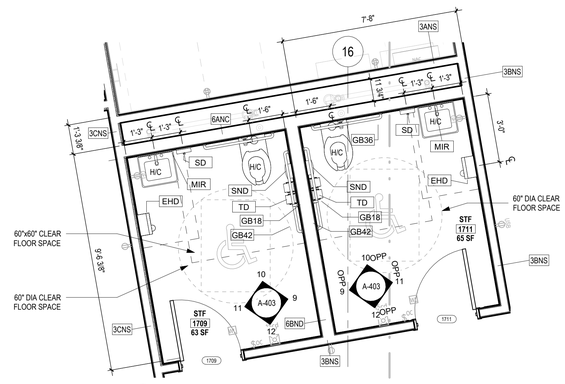

8 A-403 **FIRST FLOOR PLAN STAFF 2 RR - 1709 & 1711**
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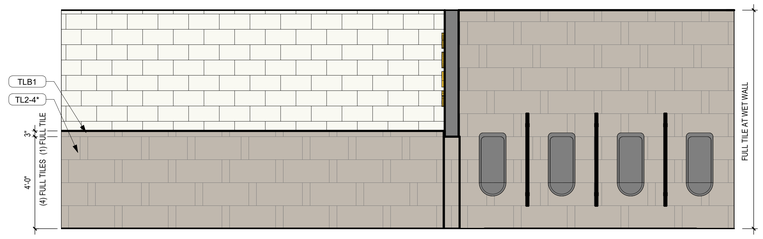

7 A-403 **BOYS RR 1122 - NORTH**
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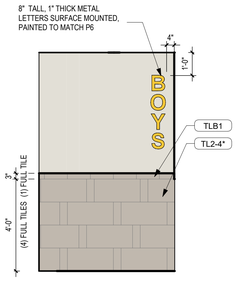

6 A-403 **BOYS 1122 - ENTRY**
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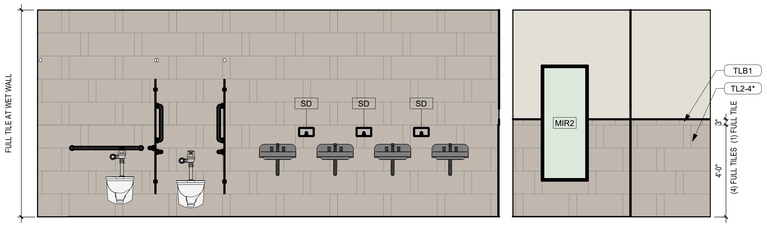

5 A-403 **BOYS RR 1122 - SOUTH**
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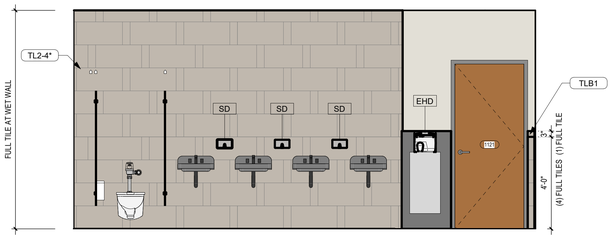

4 A-403 **GIRLS RR 1121 - SOUTH**
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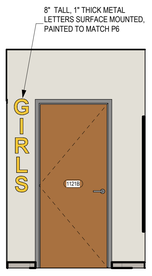

3 A-403 **GIRLS 1121 - ENTRY**
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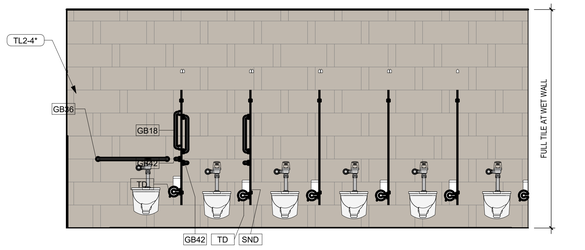

2 A-403 **GIRLS RR 1121 - NORTH**
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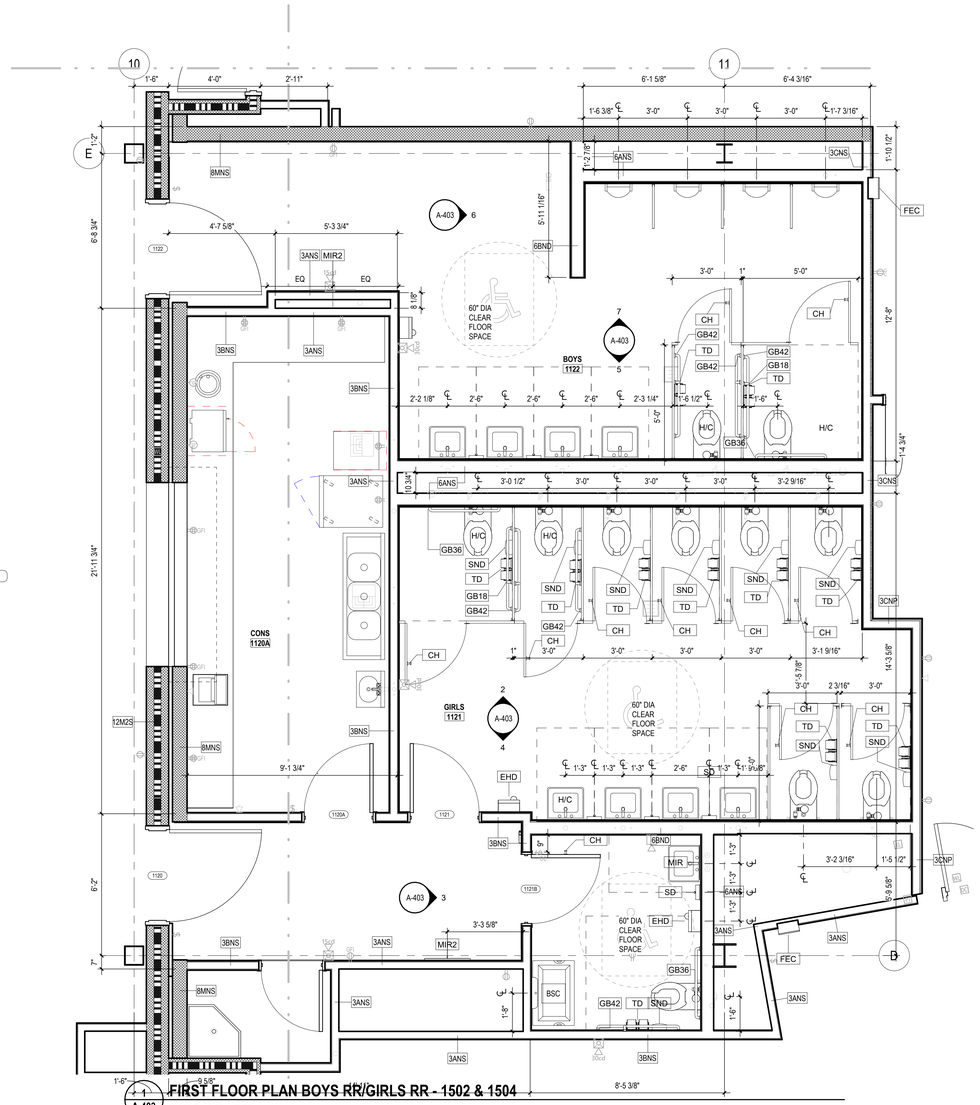

1 A-403 **FIRST FLOOR PLAN BOYS RR/GIRLS RR - 1502 & 1504**
SCALE: 3/8" = 1'-0"

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ENERGY STAR PARTNER

No.	Date	Description
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DRAWN BY:		MK
CHECKED BY:		MK

ENLARGED PLANS & ELEVATIONS - RESTROOM

A-403

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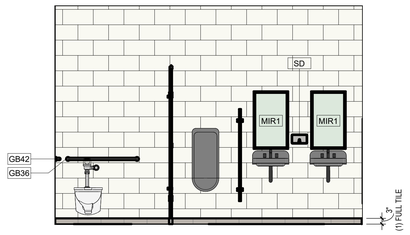

16 A-404 **RR 1302 A - WEST**
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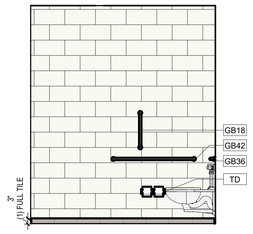

15 A-404 **RR 1302 A - SOUTH**
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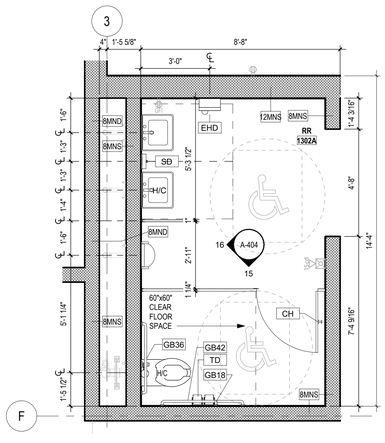

14 A-404 **MS BOYS LOCKER RESTROOM - 1302A**
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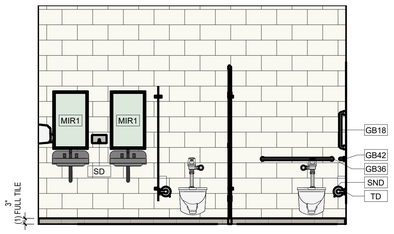

13 A-404 **RR 1213 A - EAST**
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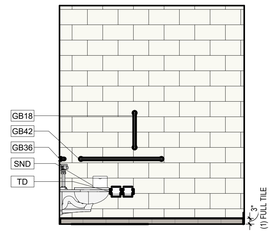

12 A-404 **RR 1213 A - SOUTH**
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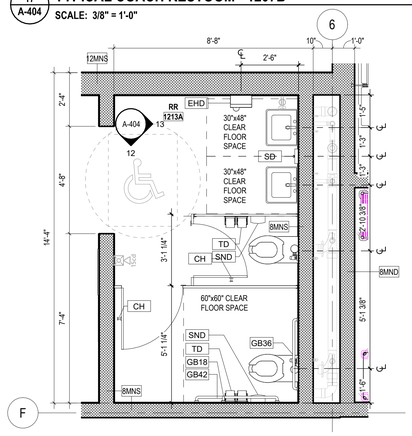

11 A-404 **MS GIRLS LOCKER RESTROOM - 1213A**
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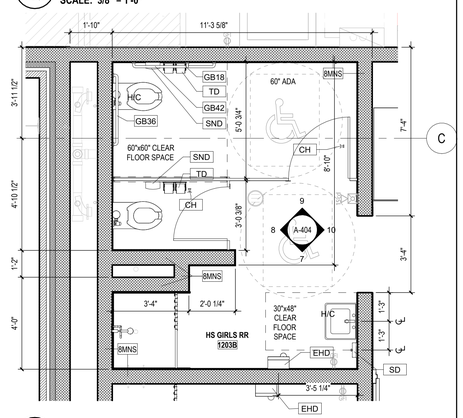

6 A-404 **FIRST FLOOR PLAN HS GIRLS LOCKER RR - 1202B & 1203B**
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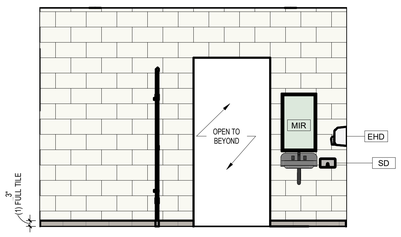

10 A-404 **HS GIRLS RR 1203B - EAST**
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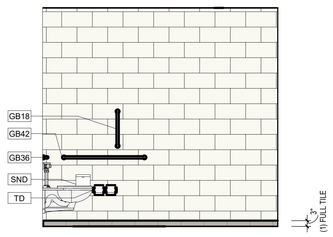

9 A-404 **HS GIRLS RR 1203B - NORTH**
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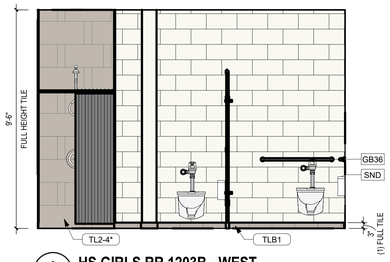

8 A-404 **HS GIRLS RR 1203B - WEST**
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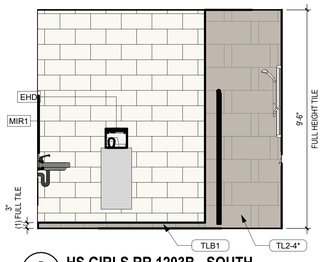

7 A-404 **HS GIRLS RR 1203B - SOUTH**
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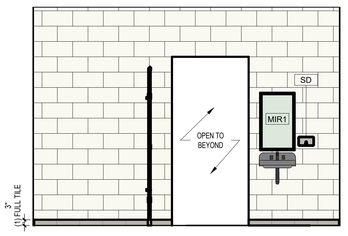

5 A-404 **HS BOYS RR 1209B - EAST**
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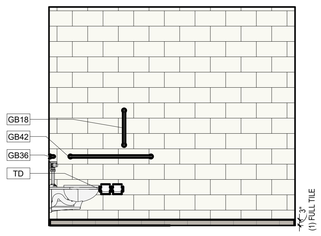

4 A-404 **HS BOYS RR 1209B - NORTH**
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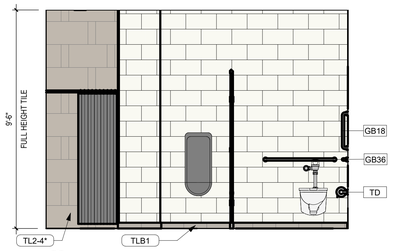

3 A-404 **HS BOYS RR 1209B - WEST**
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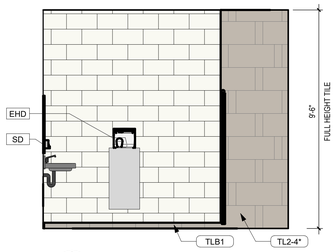

2 A-404 **HS BOYS RR 1209B - SOUTH**
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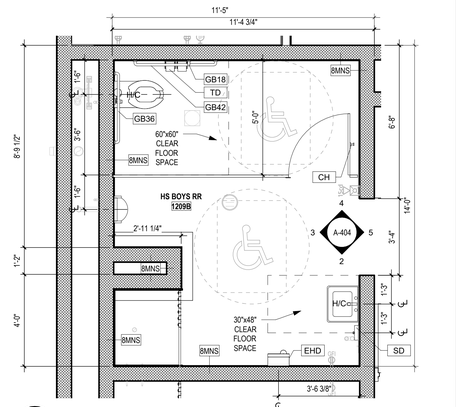

1 A-404 **TYPICAL HS BOYS LOCKER RESTROOM - 1209B**
SCALE: 3/8" = 1'-0"

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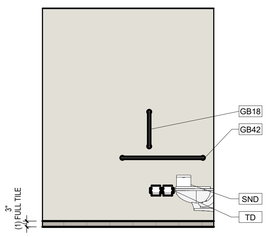

16 A-405 **STF RR 1511 - EAST**
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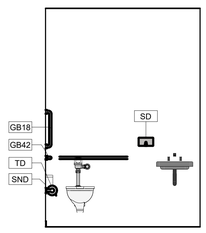

15 A-405 **STF RR 1511 - SOUTH**
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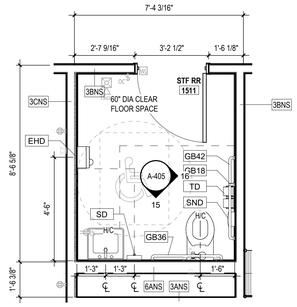

14 A-405 **STAFF RR - 1511**
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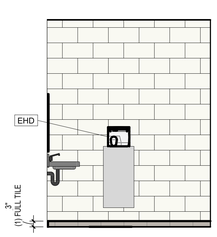

13 A-405 **TLT 1405 - EAST**
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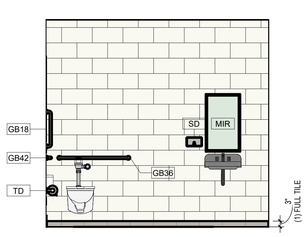

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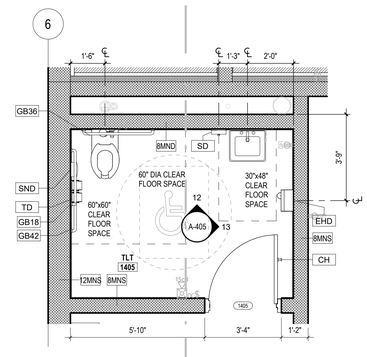

11 A-405 **TLT - 1405**
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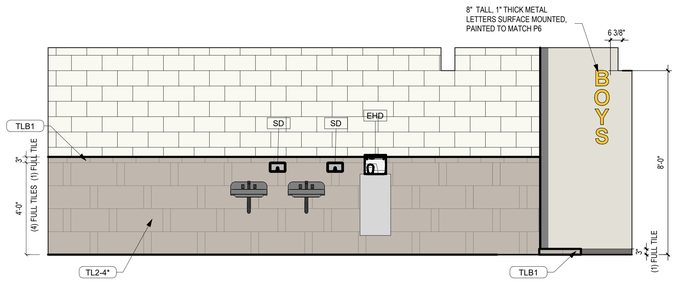
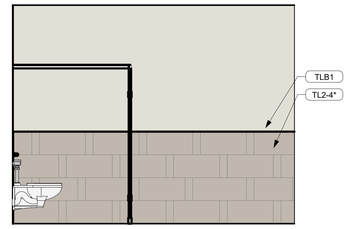


10 A-405 **BOYS RR 2103 - WEST**
SCALE: 3/8" = 1'-0"



9 A-405 **BOYS RR 2103 - SOUTH**
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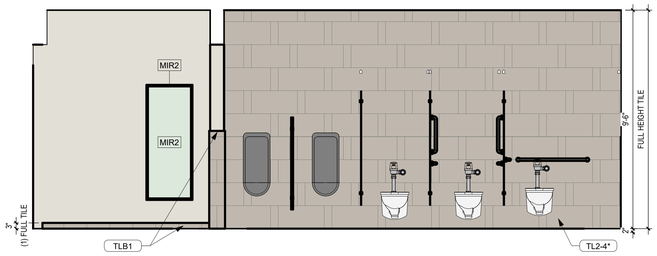

8 A-405 **BOYS RR 2103 - EAST**
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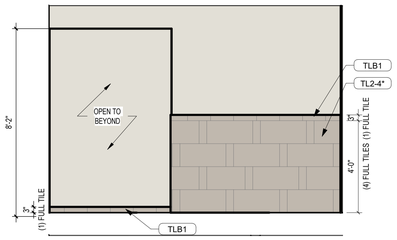

7 A-405 **BOYS RR 2103 - NORTH**
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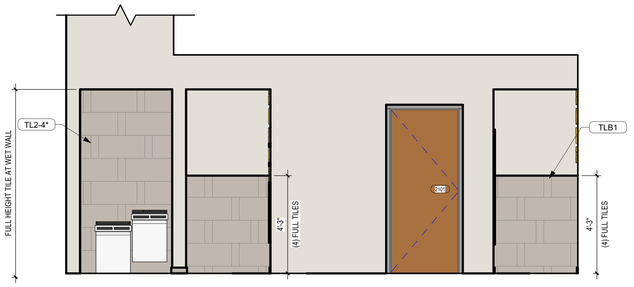

6 A-405 **BOYS RR 2103 & GIRLS RR 2105 - ENTRIES**
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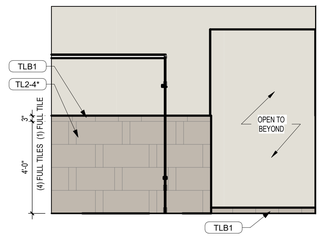

5 A-405 **GIRLS RR 2105 - NORTH**
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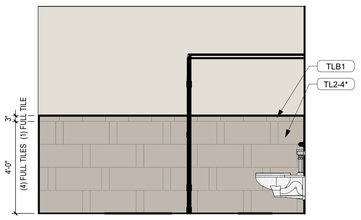

4 A-405 **GIRLS RR 2105 - SOUTH**
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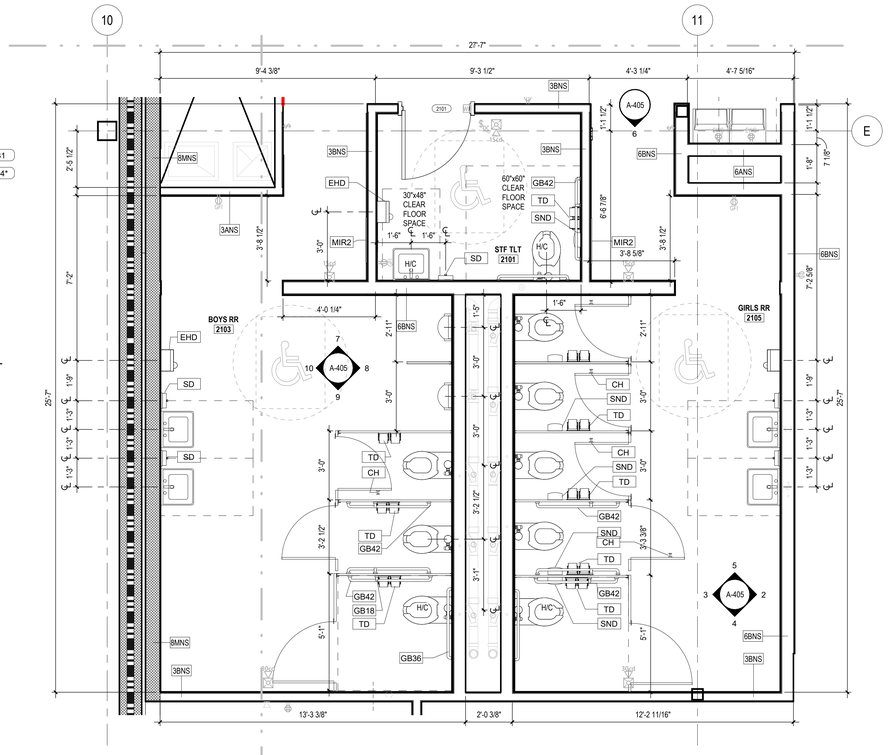

1 A-405 **BOYS RR / GIRLS RR - 2103 & 2105**
SCALE: 3/8" = 1'-0"

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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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A-405

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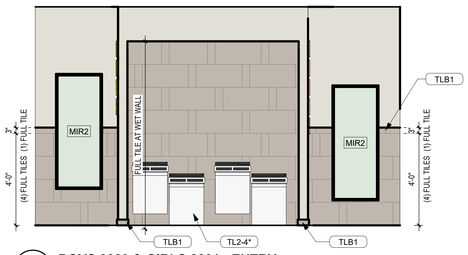

15 A-406 **BOYS 2229 & GIRLS 2231 - ENTRY**
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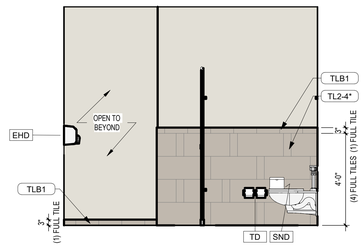

14 A-406 **GIRLS RR 2231 - EAST**
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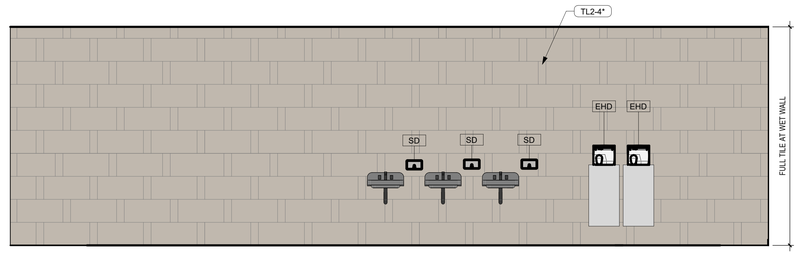
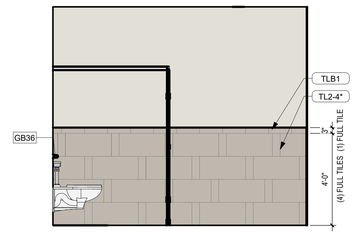
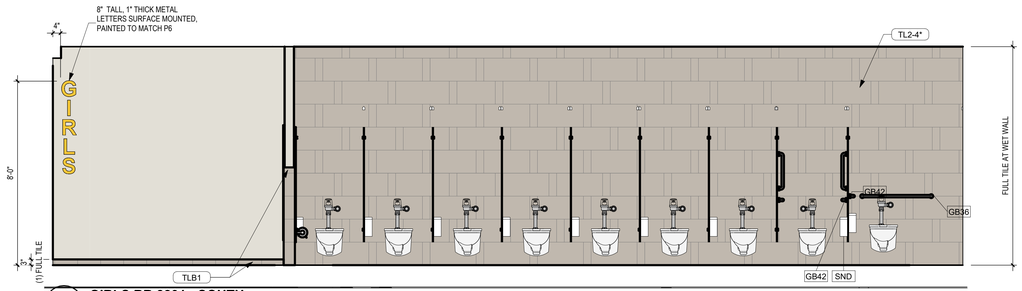


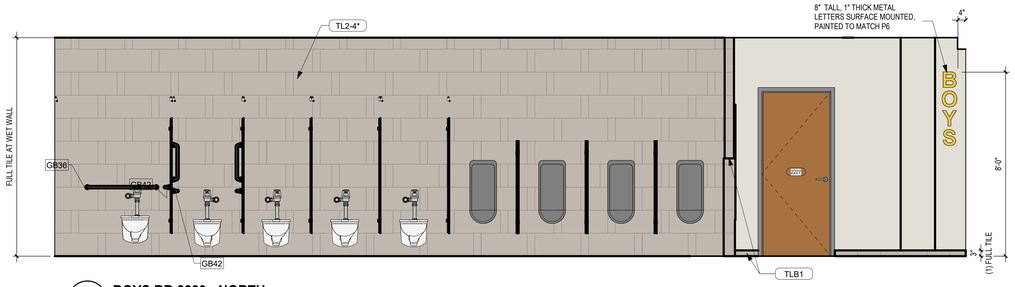
13 A-406 **GIRLS RR 2231 - NORTH**
SCALE: 3/8" = 1'-0"



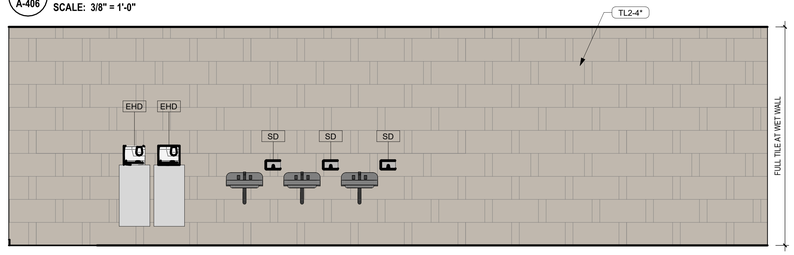
12 A-406 **GIRLS RR 2231 - WEST**
SCALE: 3/8" = 1'-0"



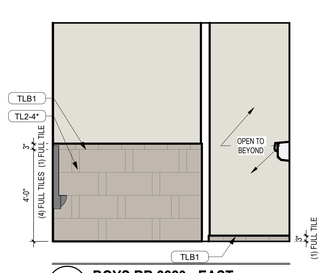
11 A-406 **GIRLS RR 2231 - SOUTH**
SCALE: 3/8" = 1'-0"



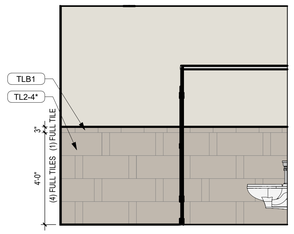
10 A-406 **BOYS RR 2229 - NORTH**
SCALE: 3/8" = 1'-0"



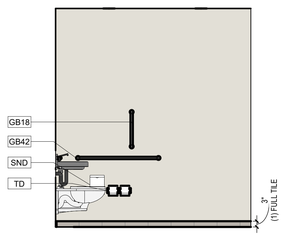
9 A-406 **BOYS RR 2229 - SOUTH**
SCALE: 3/8" = 1'-0"



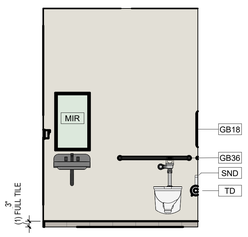
8 A-406 **BOYS RR 2229 - EAST**
SCALE: 3/8" = 1'-0"



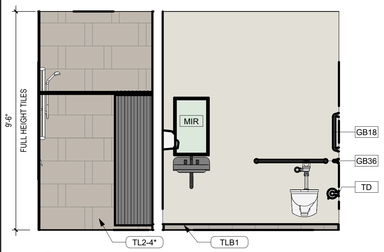
7 A-406 **BOYS RR 2229 - WEST**
SCALE: 3/8" = 1'-0"



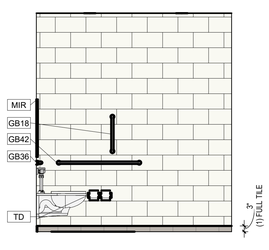
6 A-406 **TLT 1808B - EAST**
SCALE: 3/8" = 1'-0"



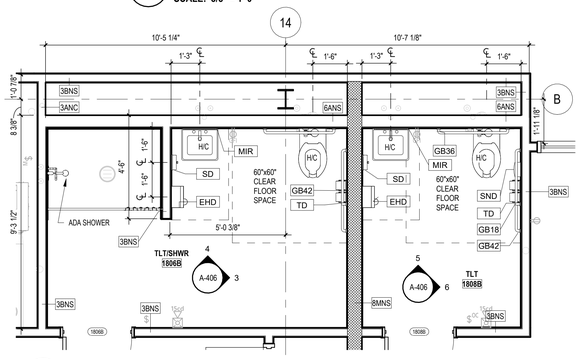
5 A-406 **TLT 1808B - NORTH**
SCALE: 3/8" = 1'-0"



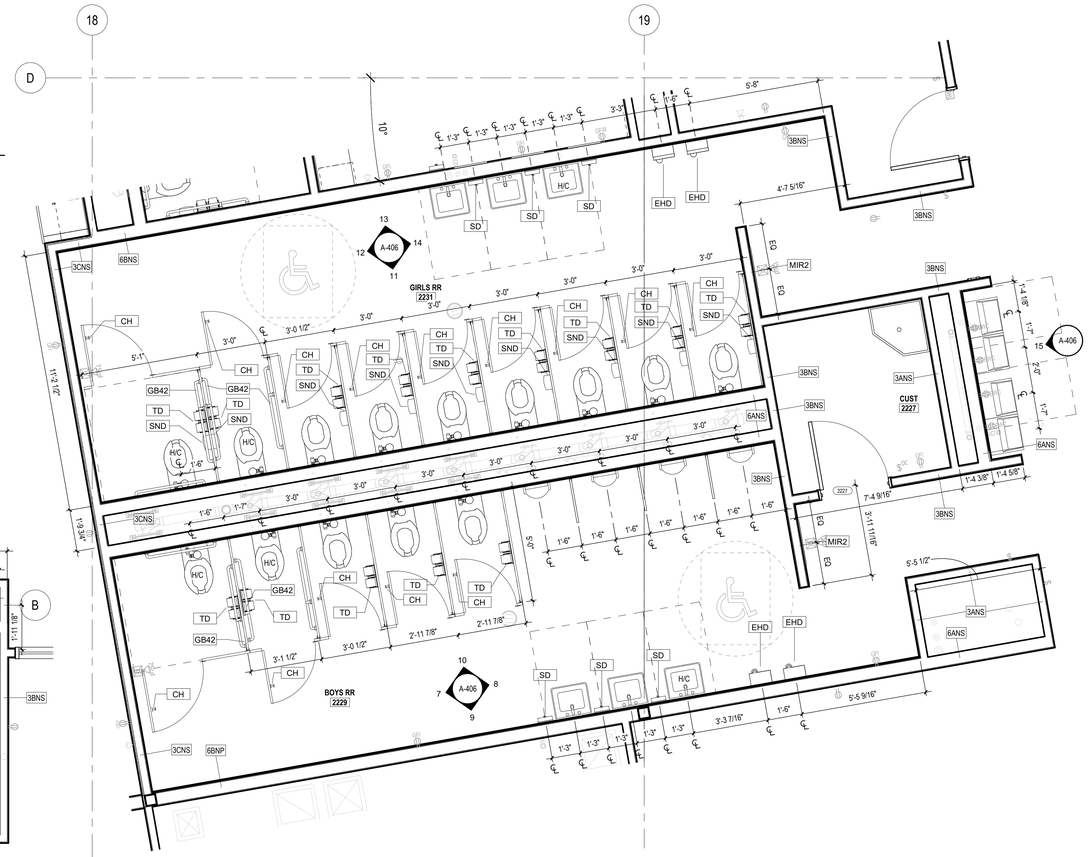
4 A-406 **TLT/SHWR 1806-B - NORTH**
SCALE: 3/8" = 1'-0"



3 A-406 **TLT/SHWR 1806-B - EAST**
SCALE: 3/8" = 1'-0"



2 A-406 **FIRST FLOOR PLAN - TLT/SHWR 1806-B & TLT 1808B**
SCALE: 3/8" = 1'-0"



1 A-406 **SECOND FLOOR BOYS RR 2229 & GIRLS RR 2231**
SCALE: 3/8" = 1'-0"

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PROFESSIONAL ENGINEER SEAL 049111 REGISTERED ENGINEER 6.12.24 SCOTT E. DISTEFANO

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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A-406

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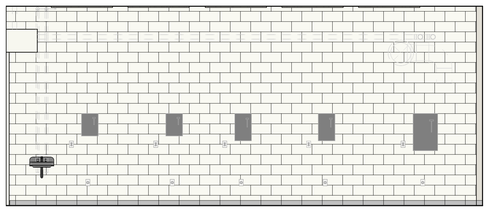
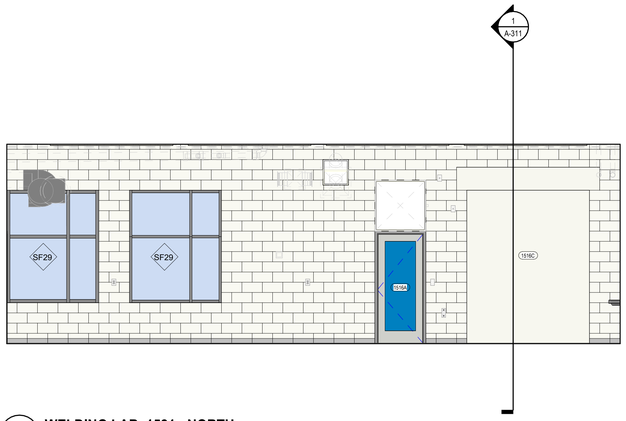
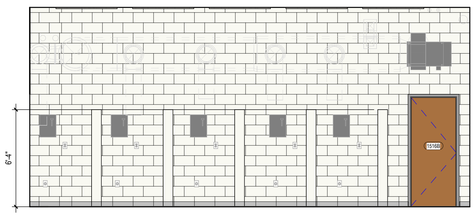


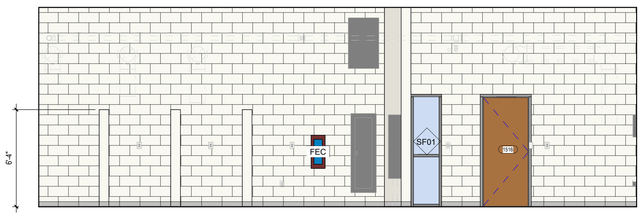
5 A-407 **WELDING LAB 1521 - EAST**
SCALE: 1/4" = 1'-0"



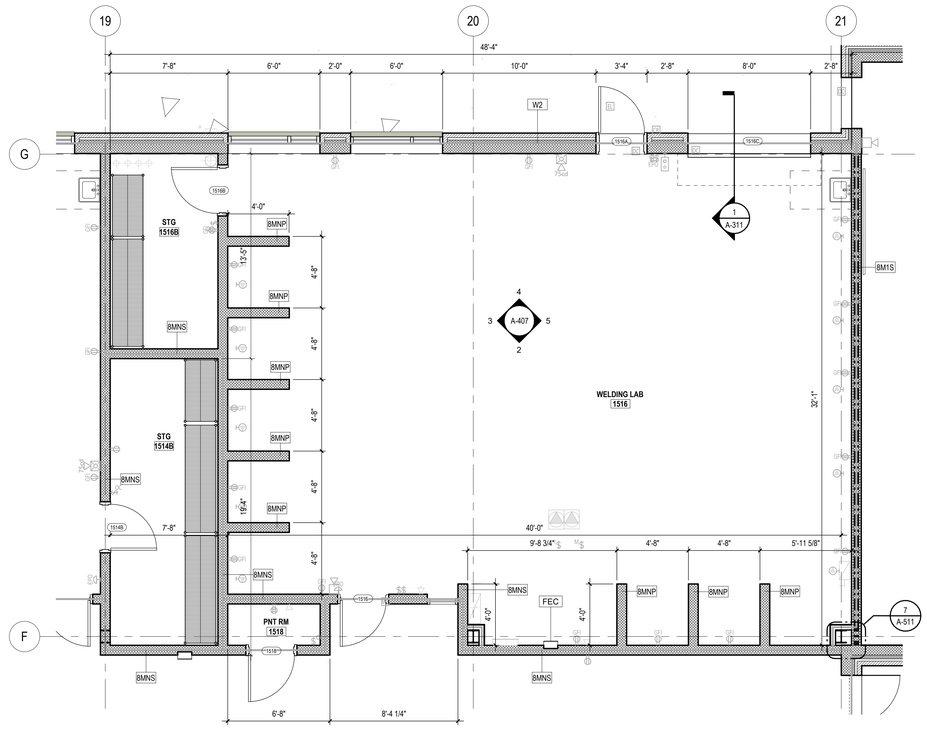
4 A-407 **WELDING LAB 1521 - NORTH**
SCALE: 1/4" = 1'-0"



3 A-407 **WELDING LAB 1521 - WEST**
SCALE: 1/4" = 1'-0"



2 A-407 **WELDING LAB 1521 - SOUTH**
SCALE: 1/4" = 1'-0"



1 A-407 **ENLARGED FLOOR PLAN - WELDING LAB 1521**
SCALE: 1/4" = 1'-0"

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ENLARGED PLANS & ELEVATIONS - CLASSROOMS

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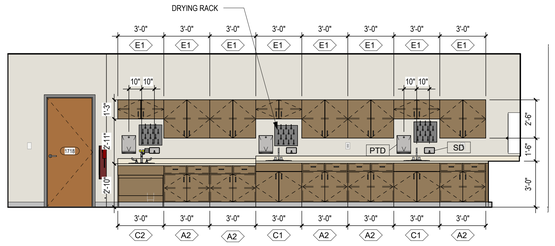
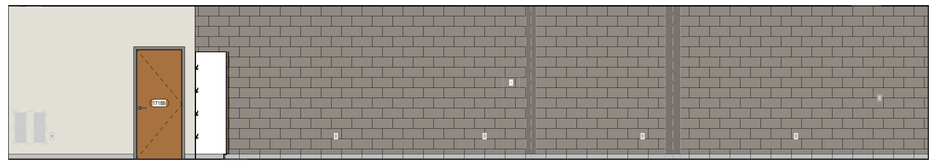


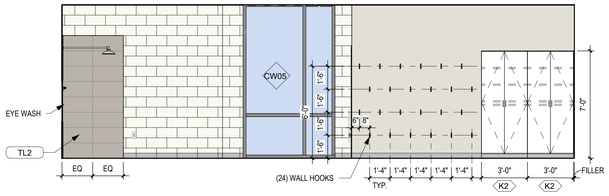
5 A-408 **BIOLOGY 1727 -WEST**

SCALE: 1/4" = 1'-0"



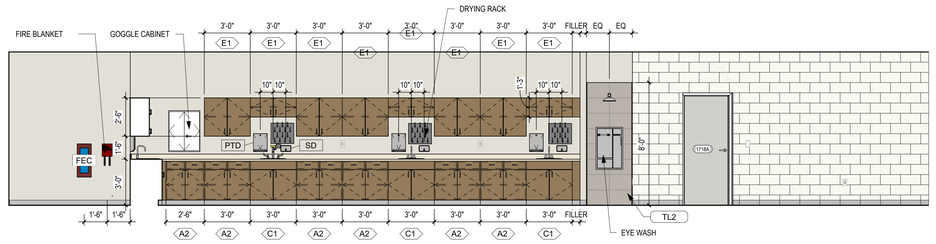
4 A-408 **BIOLOGY 1727 - SOUTH**

SCALE: 1/4" = 1'-0"



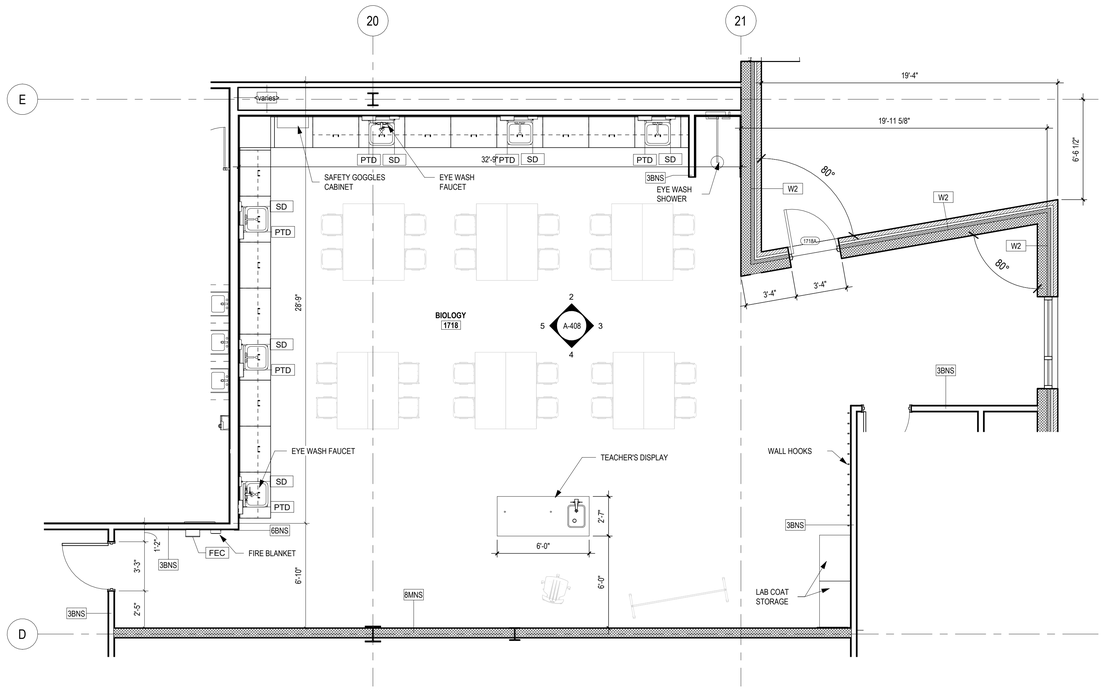
3 A-408 **BIOLOGY 1727 - EAST**

SCALE: 1/4" = 1'-0"



2 A-408 **BIOLOGY 1727 - NORTH**

SCALE: 1/4" = 1'-0"



1 A-408 **ENLARGED FLOOR PLAN - BIOLOGY 1727**

SCALE: 1/4" = 1'-0"

ENLARGED SCIENCE LAB PLANS & ELEVATIONS LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	1/2 HR RATED TENANT OR CORRIDOR SEPARATION (FIRE PARTITION)
	1/2 HOUR RATED/SMOKE PARTITION (INCIDENTAL USE SEPARATION)
	2 HOUR RATED WALL
	3 HOUR RATED WALL
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
Room Name 101A 0000 SF	ROOM TAG

GENERAL NOTES:

1. ALL SCIENCE EQUIPMENT TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE
2. WOOD CASEWORK UPPER AND LOWER CABINETS AND PHENOLIC RESINOUS COUNTERTOPS TO BE PROVIDED IN CHEMISTRY LAB 1718, PREP RM 1708B, PREP RM 2230B AND MS SCIENCE 2230 ONLY. ALL OTHER SCIENCE LABS TO BE PLASTIC LAMINATE MILLWORK.

ENLARGED SCIENCE LAB PLANS & ELEVATIONS SCHEDULE

WALL HOOKS

FIRE EXTINGUISHER CABINET

FIRE BLANKET CABINET - BOD: NYSTROM BC-6601

EYE WASH

FUME HOOD

FLAMMABLES STORAGE CABINET

ACID CORROSIVE STORAGE CABINET

REFRIGERATOR

DISHWASHER (REF. INTERIOR SIGNAGE DETAILS FOR REQ'D SIGNAGE)

GOGGLE CABINET (OFOI)

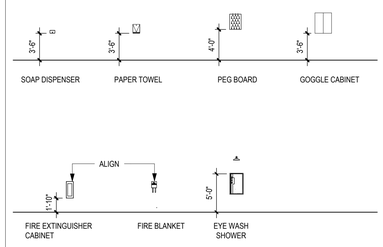
DRYING RACK (OFOI)

TEACHER'S DISPLAY (OFOI) PLUMBING, ELECTRIC, AND ACCESSORIES (CFCI)

LAB COAT STORAGE

BASE CORROSIVE STORAGE CABINET

SCIENCE LAB EQUIPMENT MOUNTING HEIGHT LEGEND



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ENERGY STAR PARTNER

No.	Date	Description

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PROJECT #: 2205

DRAWN BY: Author

CHECKED BY: Checker

ENLARGED PLANS & ELEVATIONS - SCIENCE LAB

A-408

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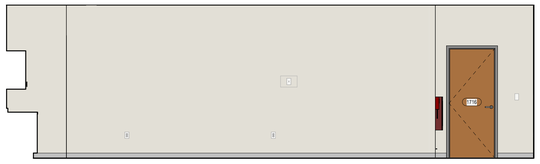

9 A-409 **PHYSICS 1725 - WEST**
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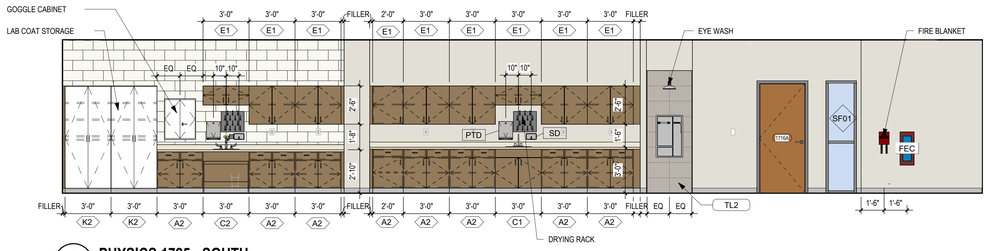
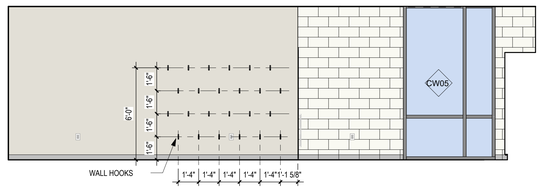
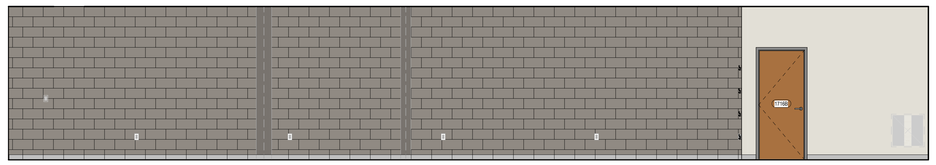


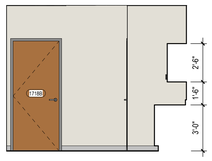
8 A-409 **PHYSICS 1725 - SOUTH**
SCALE: 1/4" = 1'-0"



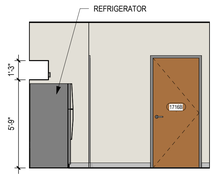
7 A-409 **PHYSICS 1725 - EAST**
SCALE: 1/4" = 1'-0"



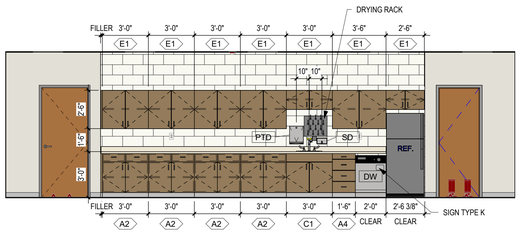
6 A-409 **PHYSICS 1725 - NORTH**
SCALE: 1/4" = 1'-0"



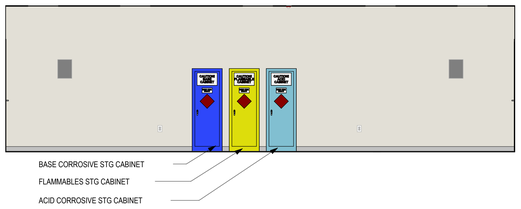
5 A-409 **PREP RM 1726 - NORTH**
SCALE: 1/4" = 1'-0"



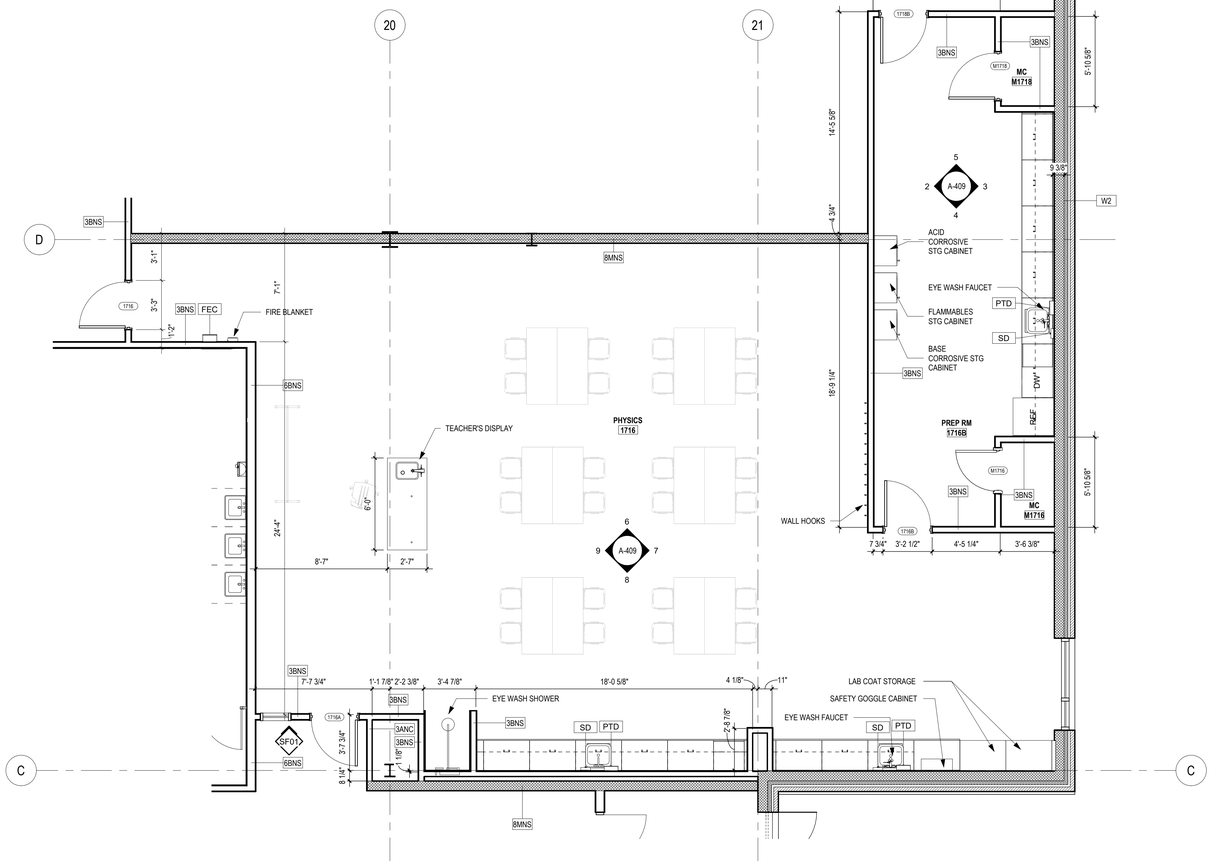
4 A-409 **PREP RM 1726 - SOUTH**
SCALE: 1/4" = 1'-0"



3 A-409 **PREP RM 1726 - EAST**
SCALE: 1/4" = 1'-0"



2 A-409 **PREP RM 1726 - WEST**
SCALE: 1/4" = 1'-0"



1 A-409 **ENLARGED FLOOR PLAN - PHYSICS 1725**
SCALE: 1/4" = 1'-0"

ENLARGED SCIENCE LAB PLANS & ELEVATIONS LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	1/2 HR RATED TENANT OR CORRIDOR SEPARATION (FIRE PARTITION)
	1/2 HOUR RATED/SMOKE PARTITION (INCIDENTAL USE SEPARATION)
	2 HOUR RATED WALL
	3 HOUR RATED WALL
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
Room Name 101A 0000 SF	ROOM TAG

GENERAL NOTES:

1. ALL SCIENCE EQUIPMENT TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE
2. WOOD CASEWORK UPPER AND LOWER CABINETS AND PHENOLIC RESINOUS COUNTERTOPS TO BE PROVIDED IN CHEMISTRY LAB 1718, PREP RM 1708B, PREP RM 2230B AND MS SCIENCE 2230 ONLY. ALL OTHER SCIENCE LABS TO BE PLASTIC LAMINATE MILLWORK.

ENLARGED SCIENCE LAB PLANS & ELEVATIONS SCHEDULE

WALL HOOKS

FIRE EXTINGUISHER CABINET

FIRE BLANKET CABINET - BOD: NYSTROM BC-6601

EYE WASH

FUME HOOD

FLAMMABLES STORAGE CABINET

ACID CORROSIVE STORAGE CABINET

REFRIGERATOR

DISHWASHER (REF. INTERIOR SIGNAGE DETAILS FOR REQ'D SIGNAGE)

GOGGLE CABINET (OFOI)

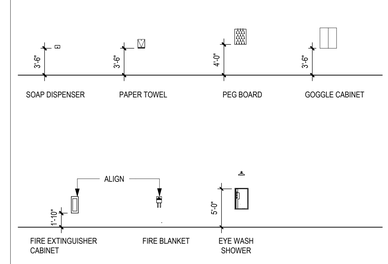
DRYING RACK (OFOI)

TEACHER'S DISPLAY (OFOI) PLUMBING, ELECTRIC, AND ACCESSORIES (CFCI)

LAB COAT STORAGE

BASE CORROSIVE STORAGE CABINET

SCIENCE LAB EQUIPMENT MOUNTING HEIGHT LEGEND



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PAMLICO COUNTY
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ENERGY STAR PARTNER

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ENLARGED PLANS & ELEVATIONS - SCIENCE LAB

A-409

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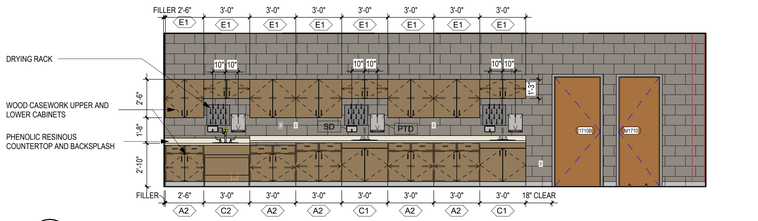
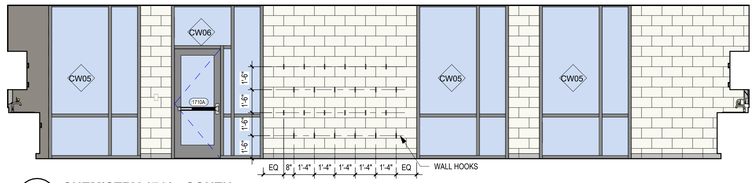
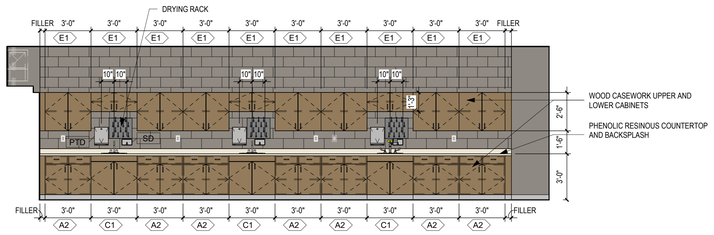


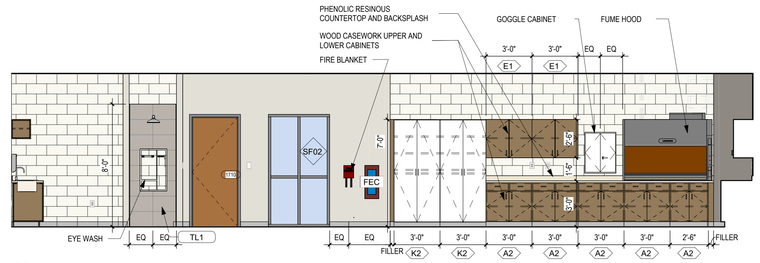
5 A-410 **CHEMISTRY 1718 - WEST**
SCALE: 1/4" = 1'-0"



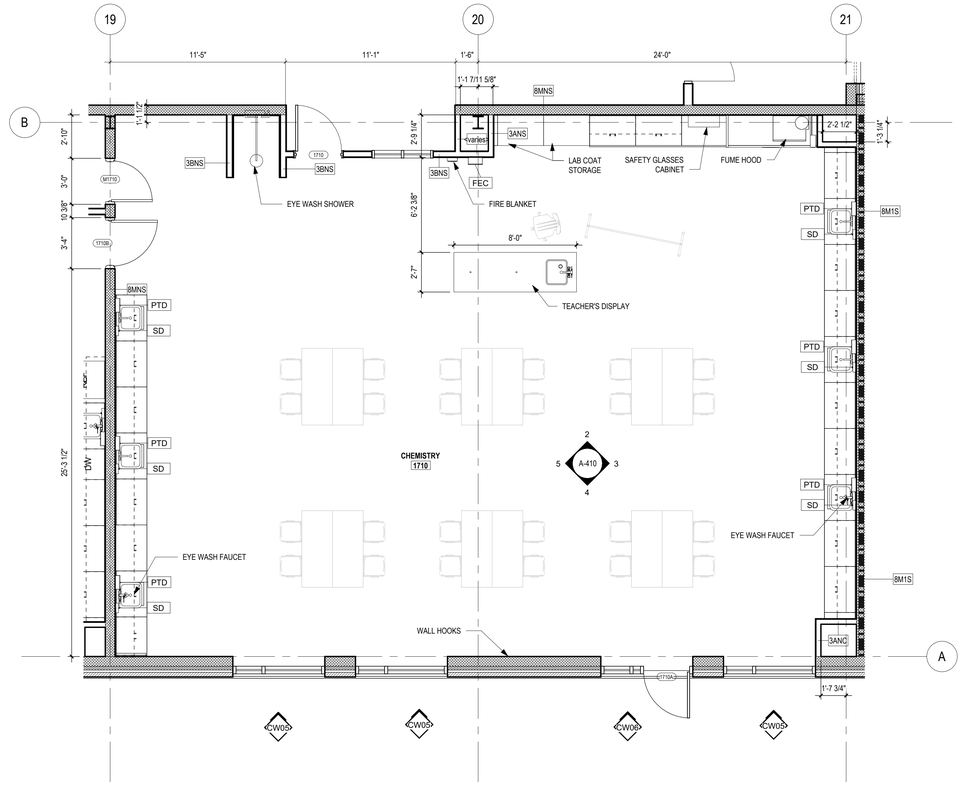
4 A-410 **CHEMISTRY 1718 - SOUTH**
SCALE: 1/4" = 1'-0"



3 A-410 **CHEMISTRY 1718 - EAST**
SCALE: 1/4" = 1'-0"



2 A-410 **CHEMISTRY 1718 - NORTH**
SCALE: 1/4" = 1'-0"



1 A-410 **ENLARGED FLOOR PLAN - CHEMISTRY 1718**
SCALE: 1/4" = 1'-0"

ENLARGED SCIENCE LAB PLANS & ELEVATIONS LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	1/2 HR RATED TENANT OR CORRIDOR SEPARATION (FIRE PARTITION)
	1/2 HOUR RATED/SMOKE PARTITION (INCIDENTAL USE SEPARATION)
	2 HOUR RATED WALL
	3 HOUR RATED WALL
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
Room Name 101A 0000 SF	ROOM TAG

GENERAL NOTES:

1. ALL SCIENCE EQUIPMENT TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE
2. WOOD CASEWORK UPPER AND LOWER CABINETS AND PHENOLIC RESINOUS COUNTERTOPS TO BE PROVIDED IN CHEMISTRY LAB 1718, PREP RM 1708B, PREP RM 2230B AND MS SCIENCE 2230 ONLY. ALL OTHER SCIENCE LABS TO BE PLASTIC LAMINATE MILLWORK.

ENLARGED SCIENCE LAB PLANS & ELEVATIONS SCHEDULE

WALL HOOKS

FIRE EXTINGUISHER CABINET

FIRE BLANKET CABINET - BOD: NYSTROM BC-6601

EYE WASH

FUME HOOD

FLAMMABLES STORAGE CABINET

ACID CORROSIVE STORAGE CABINET

REFRIGERATOR

DISHWASHER (REF. INTERIOR SIGNAGE DETAILS FOR REQ'D SIGNAGE)

GOGGLE CABINET (OFOI)

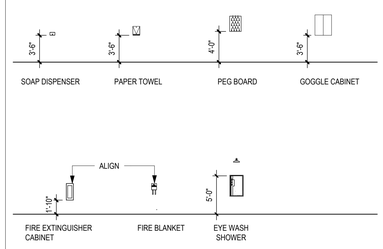
DRYING RACK (OFOI)

TEACHER'S DISPLAY (OFOI) PLUMBING, ELECTRIC, AND ACCESSORIES (CFCI)

LAB COAT STORAGE

BASE CORROSIVE STORAGE CABINET

SCIENCE LAB EQUIPMENT MOUNTING HEIGHT LEGEND



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ENLARGED PLANS & ELEVATIONS - SCIENCE LAB

A-410

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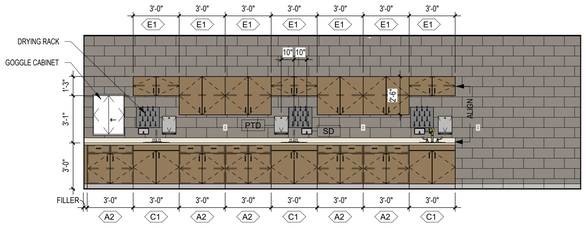
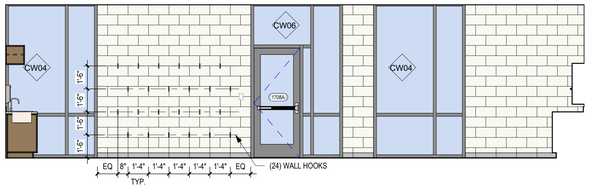
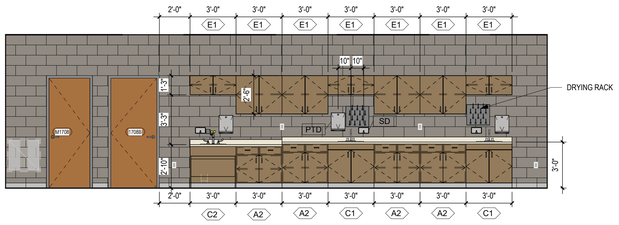


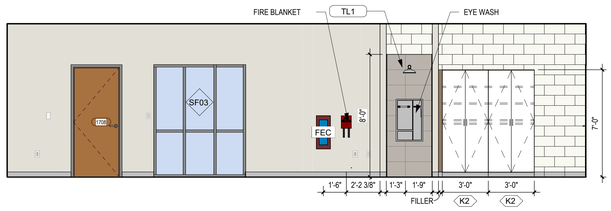
8 A-411 **PHYSICAL SCIENCE 1708 - WEST**
SCALE: 1/4" = 1'-0"



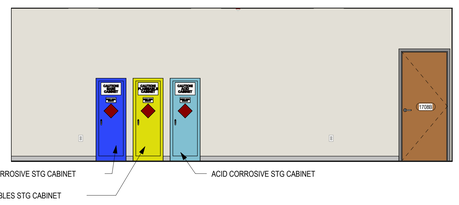
7 A-411 **PHYSICAL SCIENCE 1708 - SOUTH**
SCALE: 1/4" = 1'-0"



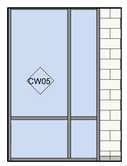
6 A-411 **PHYSICAL SCIENCE 1708 - EAST**
SCALE: 1/4" = 1'-0"



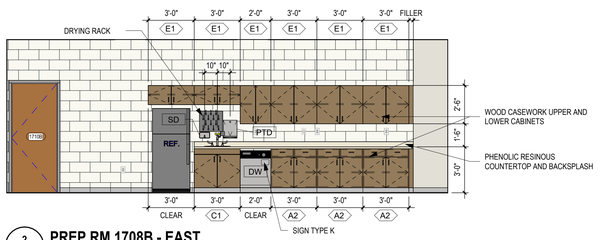
5 A-411 **PHYSICAL SCIENCE 1708 - NORTH**
SCALE: 1/4" = 1'-0"



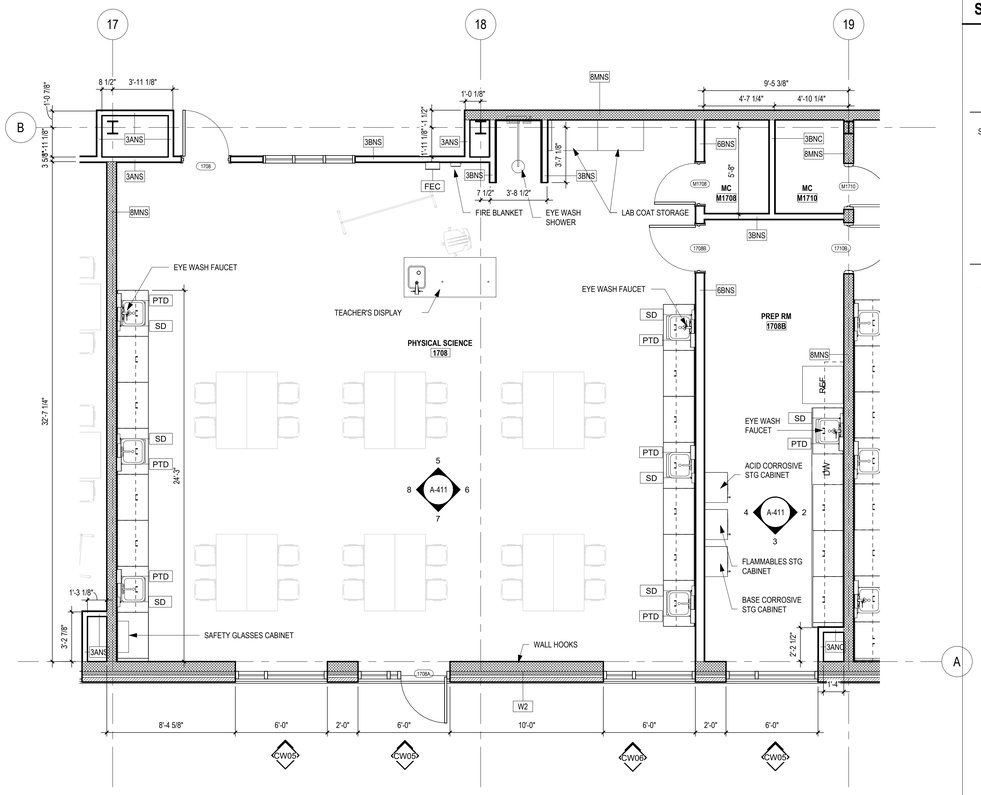
4 A-411 **PREP RM 1708B -WEST**
SCALE: 1/4" = 1'-0"



3 A-411 **PREP RM 1708B - SOUTH**
SCALE: 1/4" = 1'-0"



2 A-411 **PREP RM 1708B - EAST**
SCALE: 1/4" = 1'-0"



1 A-411 **ENLARGED FLOOR PLAN - PHYSICAL SCIENCE**
SCALE: 1/4" = 1'-0"

ENLARGED SCIENCE LAB PLANS & ELEVATIONS LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	1/2 HR RATED TENANT OR CORRIDOR SEPARATION (FIRE PARTITION)
	1/2 HOUR RATED/SMOKE PARTITION (INCIDENTAL USE SEPARATION)
	2 HOUR RATED WALL
	3 HOUR RATED WALL
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
Room Name 101A 0000 SF	ROOM TAG

GENERAL NOTES:

1. ALL SCIENCE EQUIPMENT TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE
2. WOOD CASEWORK UPPER AND LOWER CABINETS AND PHENOLIC RESINOUS COUNTERTOPS TO BE PROVIDED IN CHEMISTRY LAB 1718, PREP RM 1708B, PREP RM 2230B AND MS SCIENCE 2230 ONLY. ALL OTHER SCIENCE LABS TO BE PLASTIC LAMINATE MILLWORK.

ENLARGED SCIENCE LAB PLANS & ELEVATIONS SCHEDULE

WALL HOOKS

FIRE EXTINGUISHER CABINET

FIRE BLANKET CABINET - BOD: NYSTROM BC-6601

EYE WASH

FUME HOOD

FLAMMABLES STORAGE CABINET

ACID CORROSIVE STORAGE CABINET

REFRIGERATOR

DISHWASHER (REF. INTERIOR SIGNAGE DETAILS FOR REQ'D SIGNAGE)

GOGGLE CABINET (OFOI)

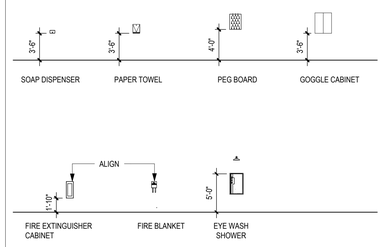
DRYING RACK (OFOI)

TEACHER'S DISPLAY (OFOI) PLUMBING, ELECTRIC, AND ACCESSORIES (CFCI)

LAB COAT STORAGE

BASE CORROSIVE STORAGE CABINET

SCIENCE LAB EQUIPMENT MOUNTING HEIGHT LEGEND



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ENLARGED PLANS & ELEVATIONS - SCIENCE LAB

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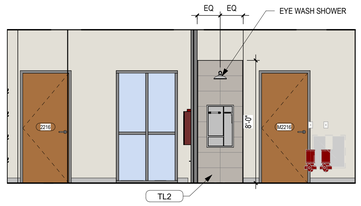
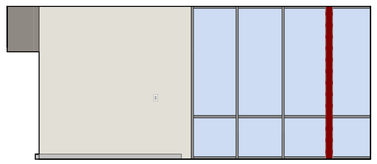
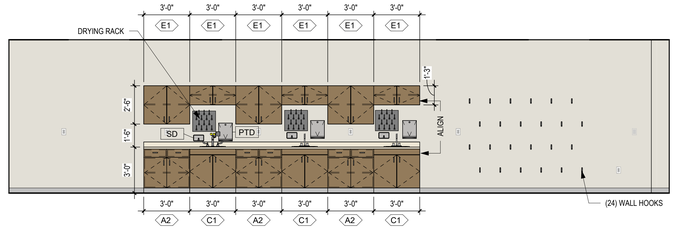


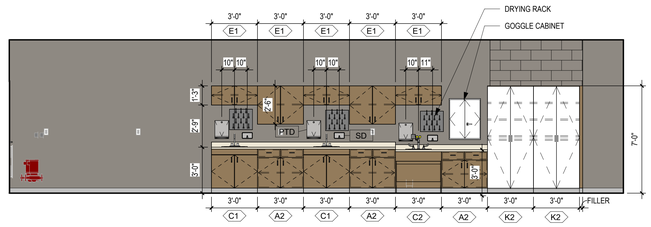
9 A-412 **MS 7TH SCIENCE 2210 - NORTH**
SCALE: 1/4" = 1'-0"



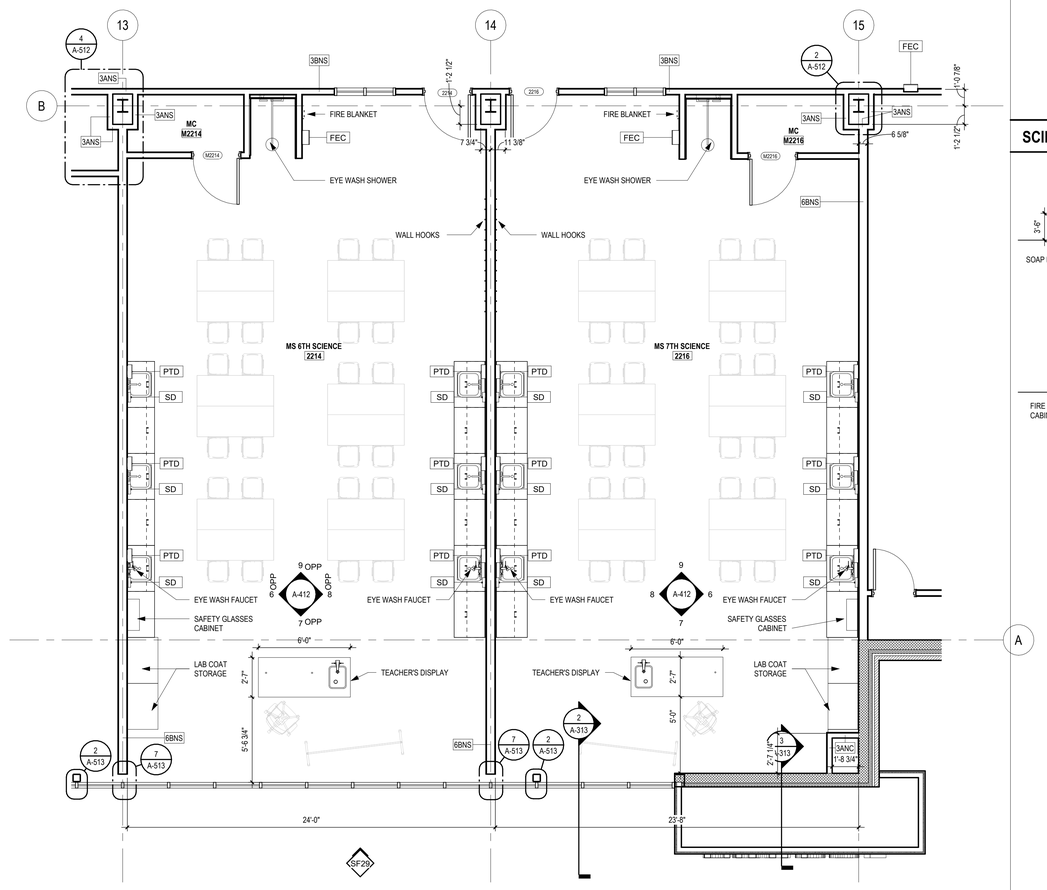
7 A-412 **MS 7TH SCIENCE 2210 - SOUTH**
SCALE: 1/4" = 1'-0"



8 A-412 **MS 7TH SCIENCE 2210 - WEST**
SCALE: 1/4" = 1'-0"



6 A-412 **MS 7TH SCIENCE 2210 - EAST**
SCALE: 1/4" = 1'-0"



1 A-412 **ENLARGED FLOOR PLAN - MS SCIENCE 06 & 07**
SCALE: 1/4" = 1'-0"

ENLARGED SCIENCE LAB PLANS & ELEVATIONS LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	1/2 HR RATED TENANT OR CORRIDOR SEPARATION (FIRE PARTITION)
	1/2 HOUR RATED/SMOKE PARTITION (INCIDENTAL USE SEPARATION)
	2 HOUR RATED WALL
	3 HOUR RATED WALL
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
Room Name 101A 0000 SF	ROOM TAG

GENERAL NOTES:

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ENLARGED SCIENCE LAB PLANS & ELEVATIONS SCHEDULE

WALL HOOKS

FIRE EXTINGUISHER CABINET

FIRE BLANKET CABINET - BOD: NYSTROM BC-6601

EYE WASH

FUME HOOD

FLAMMABLES STORAGE CABINET

ACID CORROSIVE STORAGE CABINET

REFRIGERATOR

DISHWASHER (REF. INTERIOR SIGNAGE DETAILS FOR REQ'D SIGNAGE)

GOGGLE CABINET (OFOI)

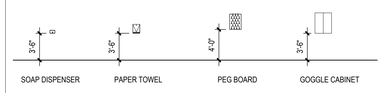
DRYING RACK (OFOI)

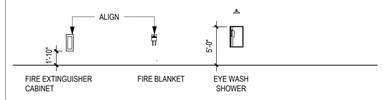
TEACHER'S DISPLAY (OFOI) PLUMBING, ELECTRIC, AND ACCESSORIES (CFCI)

LAB COAT STORAGE

BASE CORROSIVE STORAGE CABINET

SCIENCE LAB EQUIPMENT MOUNTING HEIGHT LEGEND





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601 Main Street, Bayboro, NC , 28515

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PROJECT #:		2205
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CHECKED BY:		MK

ENLARGED PLANS & ELEVATIONS - SCIENCE LAB

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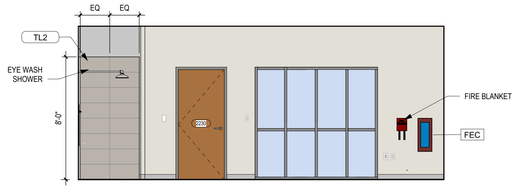

8 A-413 **MS SCIENCE 2225 -SOUTH**
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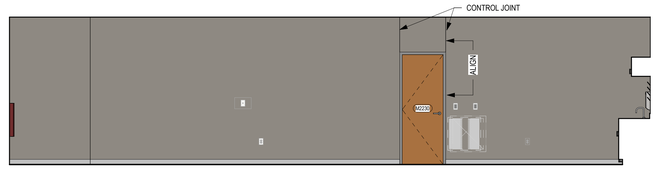

7 A-413 **MS SCIENCE 2225 - NORTH**
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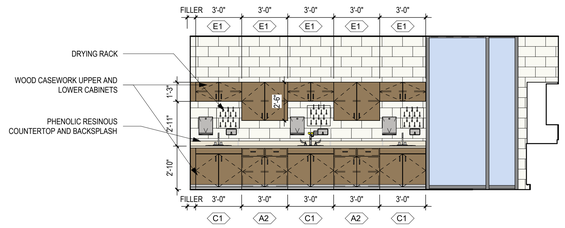

6 A-413 **MS SCIENCE 2225 - EAST**
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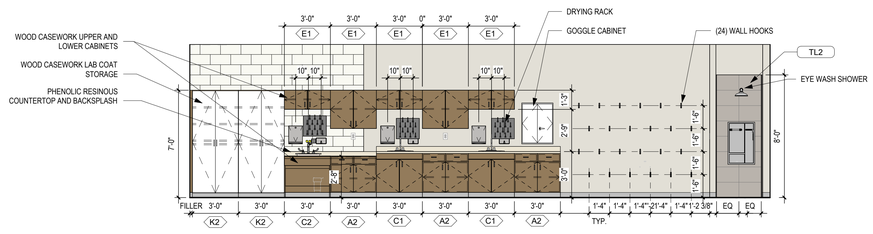

5 A-413 **MS SCIENCE 2225 - SOUTH**
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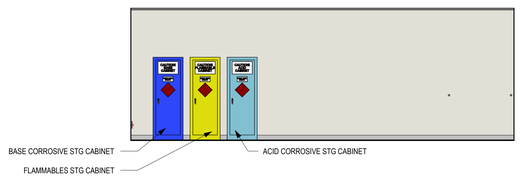
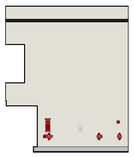


4 A-413 **PREP 2225B - SOUTH**
SCALE: 1/4" = 1'-0"



3 A-413 **PREP 2225B - EAST**
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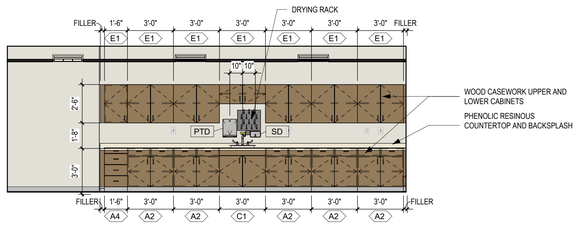

2 A-413 **PREP 2225B - NORTH**
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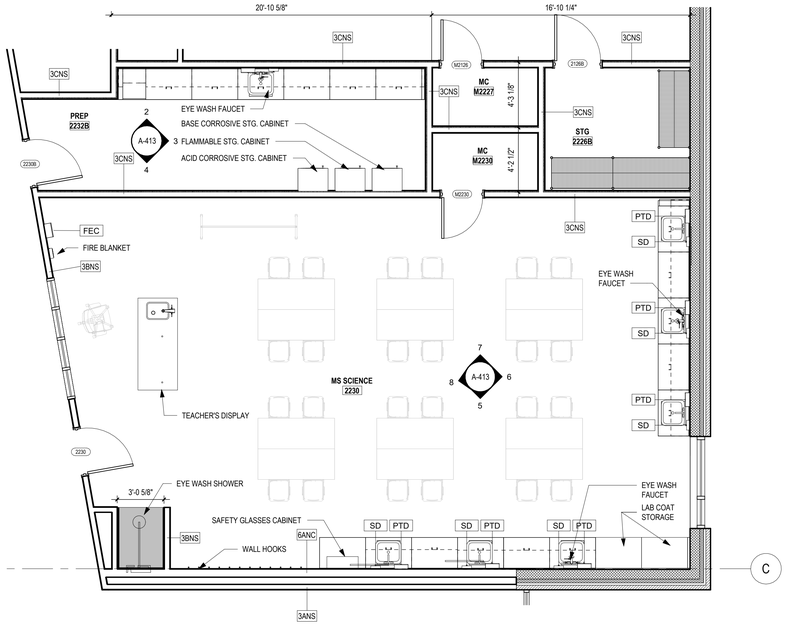


1 A-413 **ENLARGED FLOOR PLAN - MS SCIENCE 2225**
SCALE: 1/4" = 1'-0"

ENLARGED SCIENCE LAB PLANS & ELEVATIONS LEGEND

SYMBOL	DESCRIPTION
	1 HR RATED EXIT ENCLOSURE (FIRE BARRIER)
	1/2 HR RATED TENANT OR CORRIDOR SEPARATION (FIRE PARTITION)
	1/2 HOUR RATED/SMOKE PARTITION (INCIDENTAL USE SEPARATION)
	2 HOUR RATED WALL
	3 HOUR RATED WALL
FD	FLOOR DRAIN - SEE PLUMBING DRAWINGS
Room Name 101A 0000 SF	ROOM TAG

GENERAL NOTES:

1. ALL SCIENCE EQUIPMENT TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED UNLESS NOTED OTHERWISE
2. WOOD CASEWORK UPPER AND LOWER CABINETS AND PHENOLIC RESINOUS COUNTERTOPS TO BE PROVIDED IN CHEMISTRY LAB 1718, PREP RM 1708B, PREP RM 2230B AND MS SCIENCE 2230 ONLY. ALL OTHER SCIENCE LABS TO BE PLASTIC LAMINATE MILLWORK.

ENLARGED SCIENCE LAB PLANS & ELEVATIONS SCHEDULE

WALL HOOKS

FIRE EXTINGUISHER CABINET

FIRE BLANKET CABINET - BOD: NYSTROM BC-6601

EYE WASH

FUME HOOD

FLAMMABLES STORAGE CABINET

ACID CORROSIVE STORAGE CABINET

REFRIGERATOR

DISHWASHER (REF. INTERIOR SIGNAGE DETAILS FOR REQ'D SIGNAGE)

GOGGLE CABINET (OFOI)

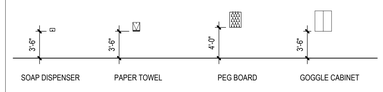
DRYING RACK (OFOI)

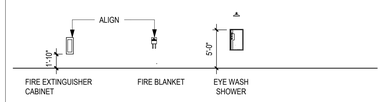
TEACHER'S DISPLAY (OFOI) PLUMBING, ELECTRIC, AND ACCESSORIES (CFCI)

LAB COAT STORAGE

BASE CORROSIVE STORAGE CABINET

SCIENCE LAB EQUIPMENT MOUNTING HEIGHT LEGEND





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601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

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ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

ENLARGED PLANS & ELEVATIONS - SCIENCE LAB

N

A-413

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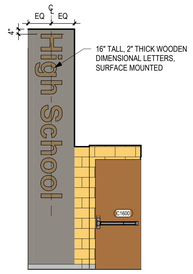

5 A-414 **HS ENTRY - NORTH**
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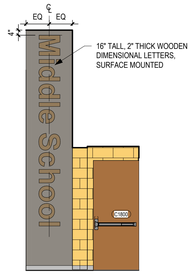

6 A-414 **MS ENTRY - NORTH**
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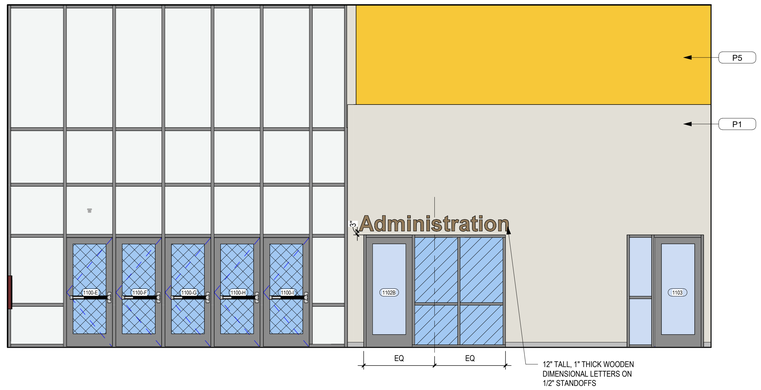

4 A-414 **LOBBY 1101 - SOUTH**
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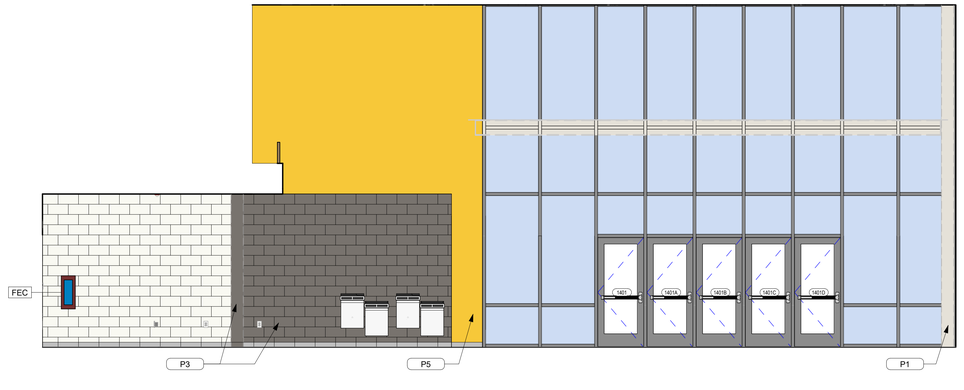

3 A-414 **LOBBY 1101 - NORTH**
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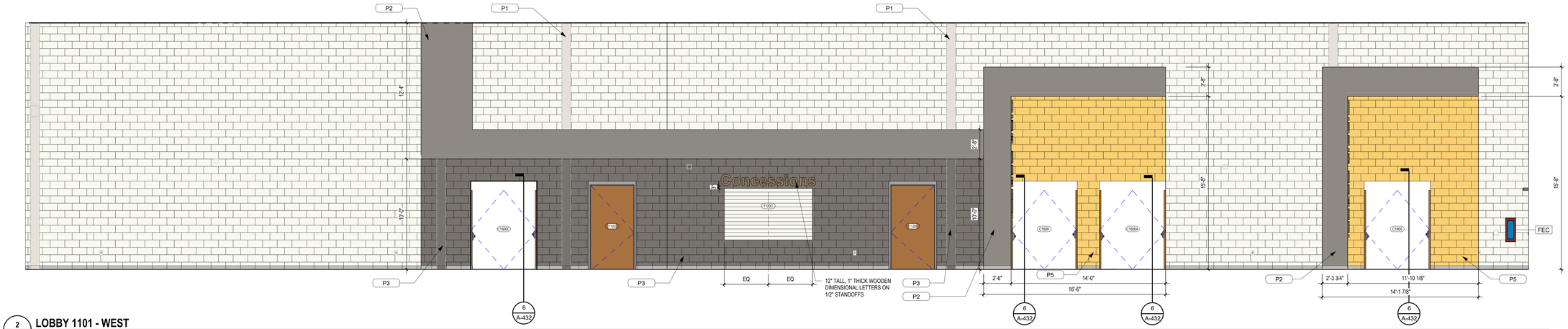

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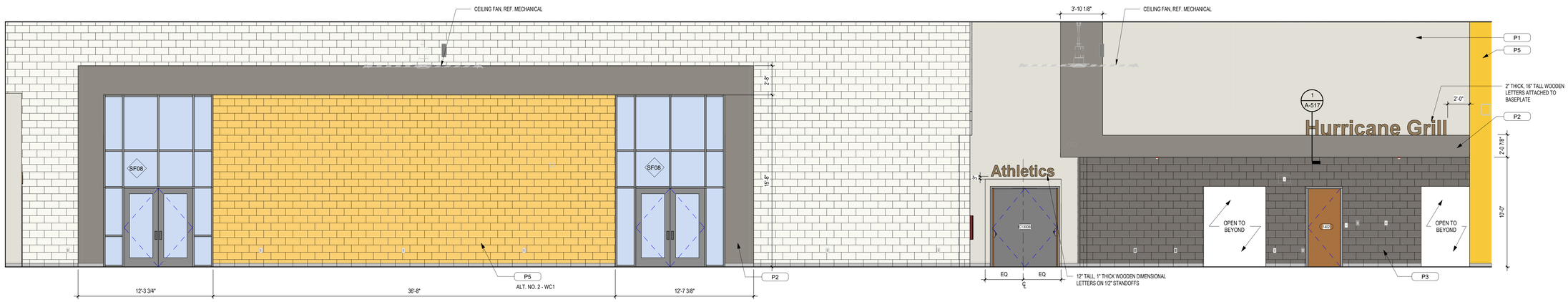

1 A-414 **LOBBY 1101 - EAST**
SCALE: 1/4" = 1'-0"

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CHECKED BY:		Checker

INTERIOR ELEVATIONS - LOBBY, DINING

A-414

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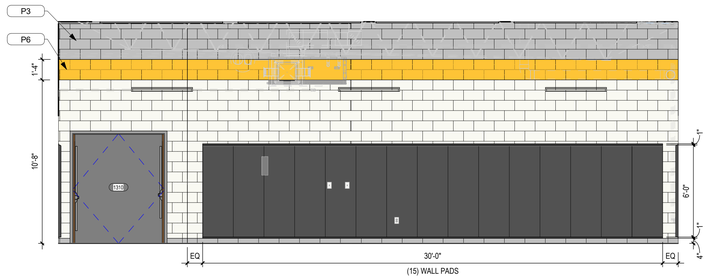

18 A-415 **WRESTLING ROOM 1310 - SOUTH**
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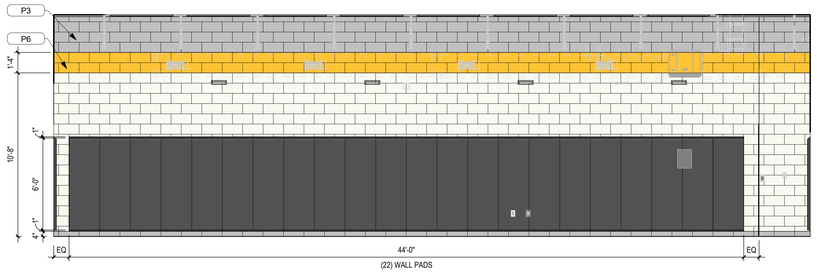

17 A-415 **WRESTLING ROOM 1310 - EAST**
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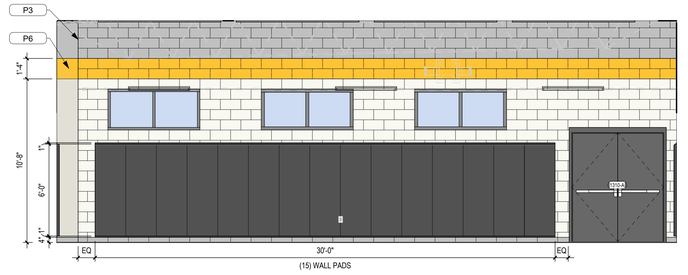

16 A-415 **WRESTLING ROOM 1310 - NORTH**
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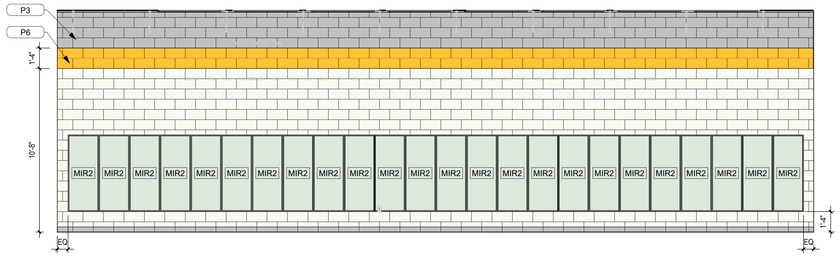

15 A-415 **WEIGHT ROOM 1308 - WEST**
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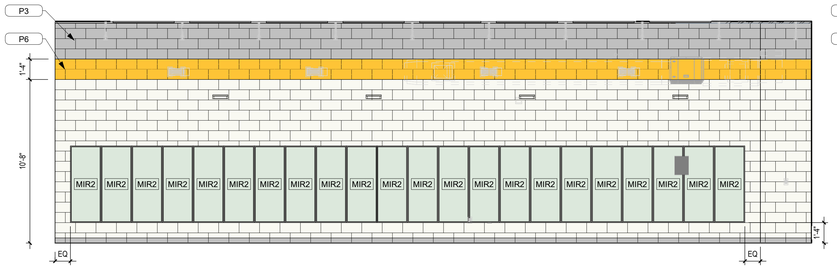

14 A-415 **WEIGHT ROOM 1308 - EAST**
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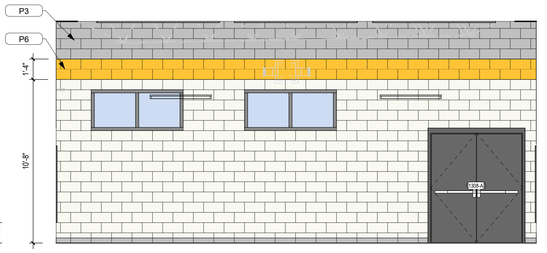

13 A-415 **WEIGHT ROOM 1308 - NORTH**
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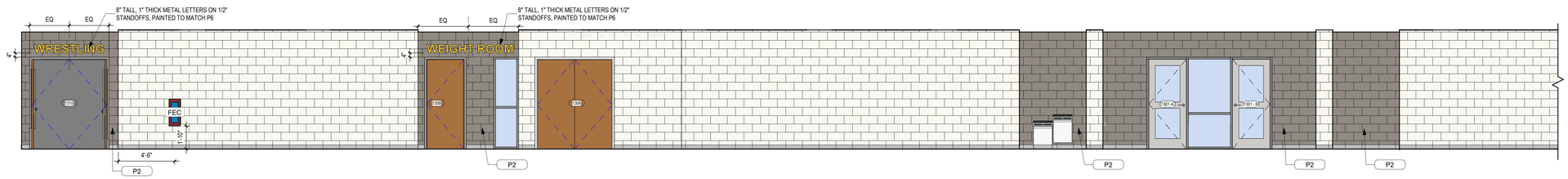

12 A-415 **CIRC C1300 - NORTH**
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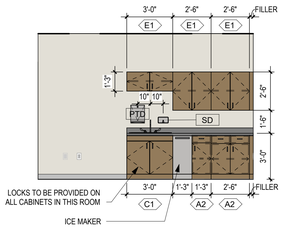

11 A-415 **TRAINER 1309 - WEST**
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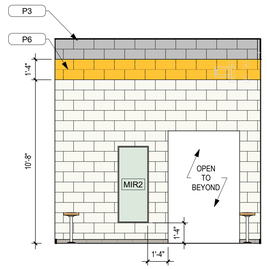

10 A-415 **TYP. MS LOCKER ROOM - WEST**
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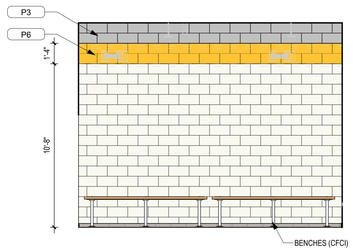

9 A-415 **TYP. MS LOCKER ROOM - NORTH**
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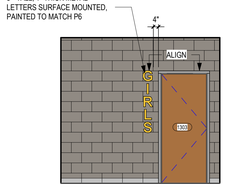

8 A-415 **MS GIRLS LOCKER ROOM ENTRY**
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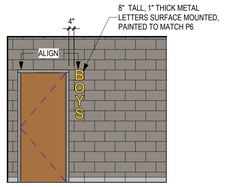

7 A-415 **MS BOYS LOCKER ROOM ENTRY**
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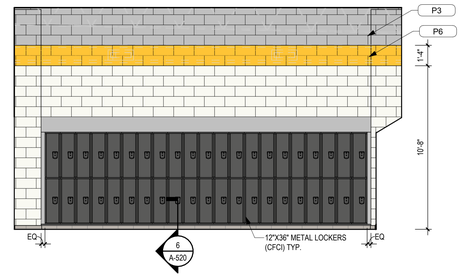

6 A-415 **TYP. HS LOCKER ROOM - SOUTH**
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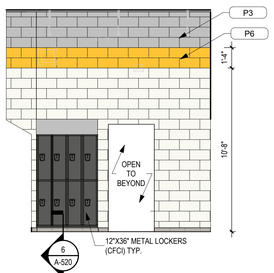

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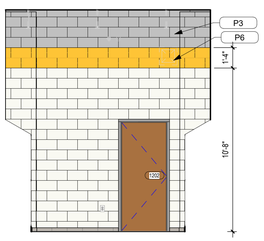

4 A-415 **TYP. HS LOCKER ROOM - EAST**
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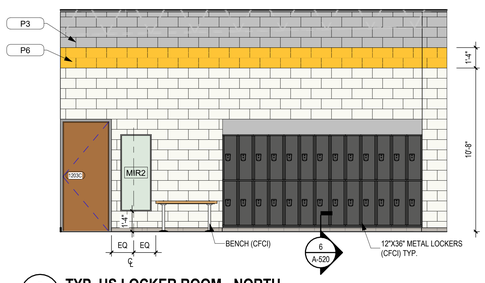

3 A-415 **TYP. HS LOCKER ROOM - NORTH**
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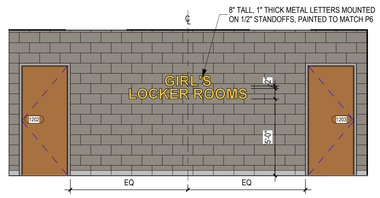

2 A-415 **HS GIRL'S LOCKER ROOM ENTRY**
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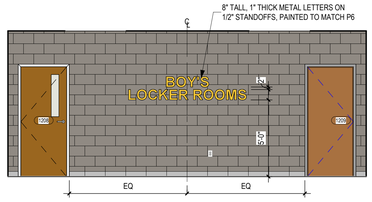

1 A-415 **HS BOY'S LOCKER ROOM ENTRY**
SCALE: 1/4" = 1'-0"

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STEVEN F. LIMOSTE 5067 6.12.24 REGISTERED ARCHITECT NORTH CAROLINA

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CHECKED BY:		Checker

INTERIOR ELEVATIONS - ATHLETICS

A-415

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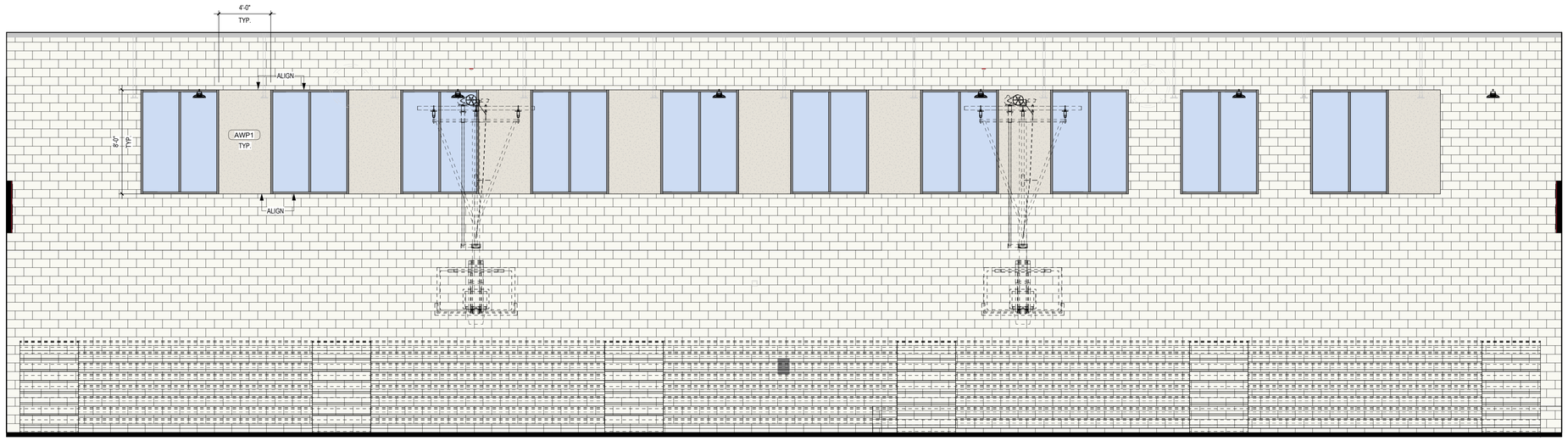
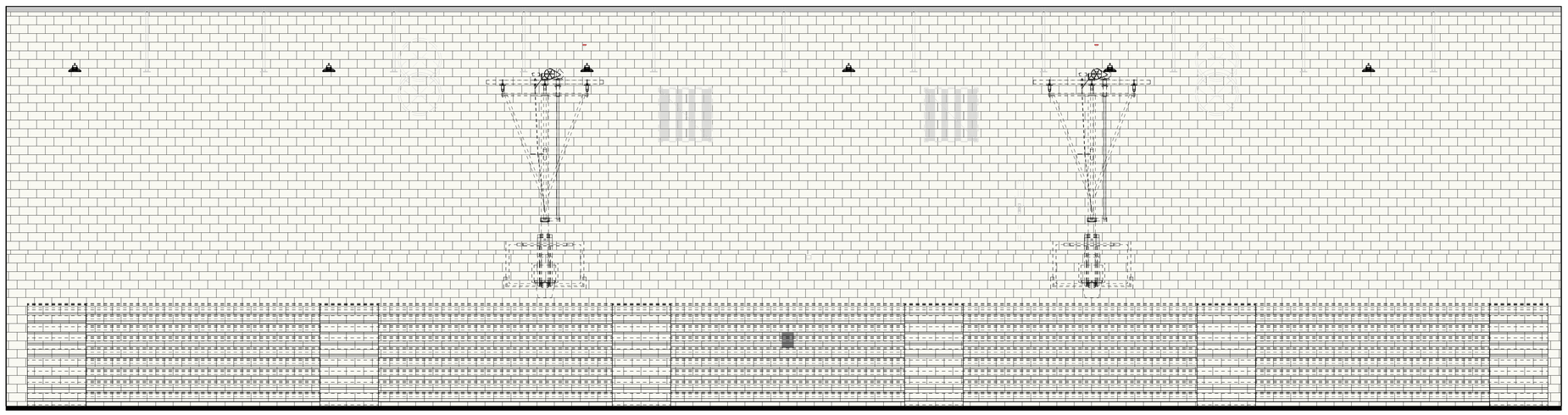


2 A-416 **HIGH SCHOOL GYM 1200 - SOUTH**
SCALE: 1/4" = 1'-0"



1 A-416 **HIGH SCHOOL GYM 1200 - NORTH**
SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATIONS - HS GYM

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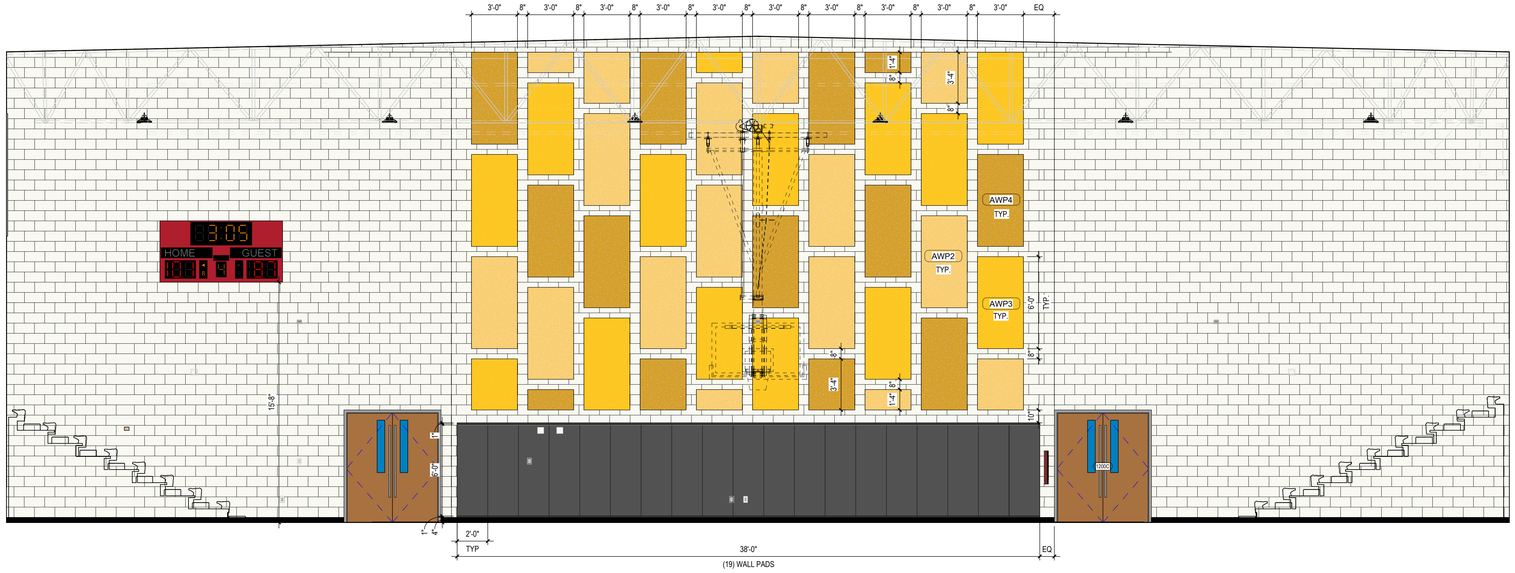
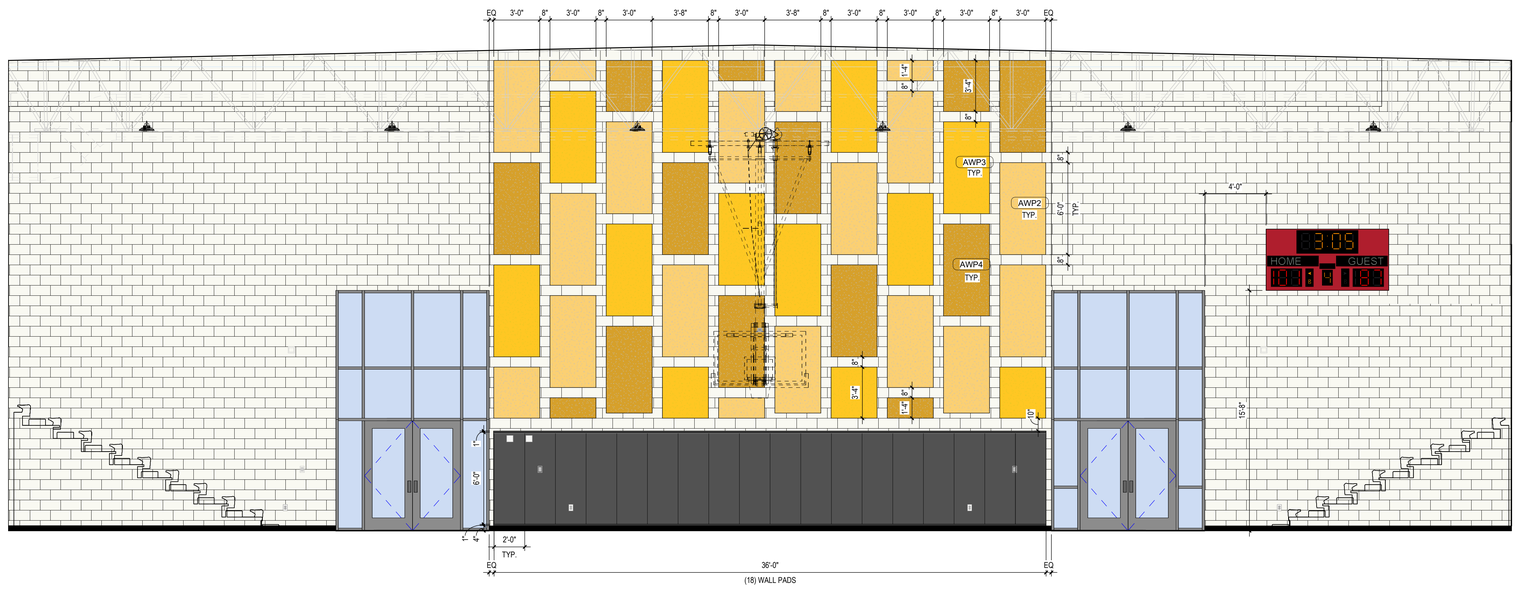


2 A-417 **HIGH SCHOOL GYM 1200 - WEST**

SCALE: 1/4" = 1'-0"



1 A-417 **HIGH SCHOOL GYM 1200 - EAST**

SCALE: 1/4" = 1'-0"

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ENERGY STAR PARTNER

No.	Date	Description
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PROJECT #:		2205
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CHECKED BY:		Checker

INTERIOR ELEVATIONS - HS GYM

A-417

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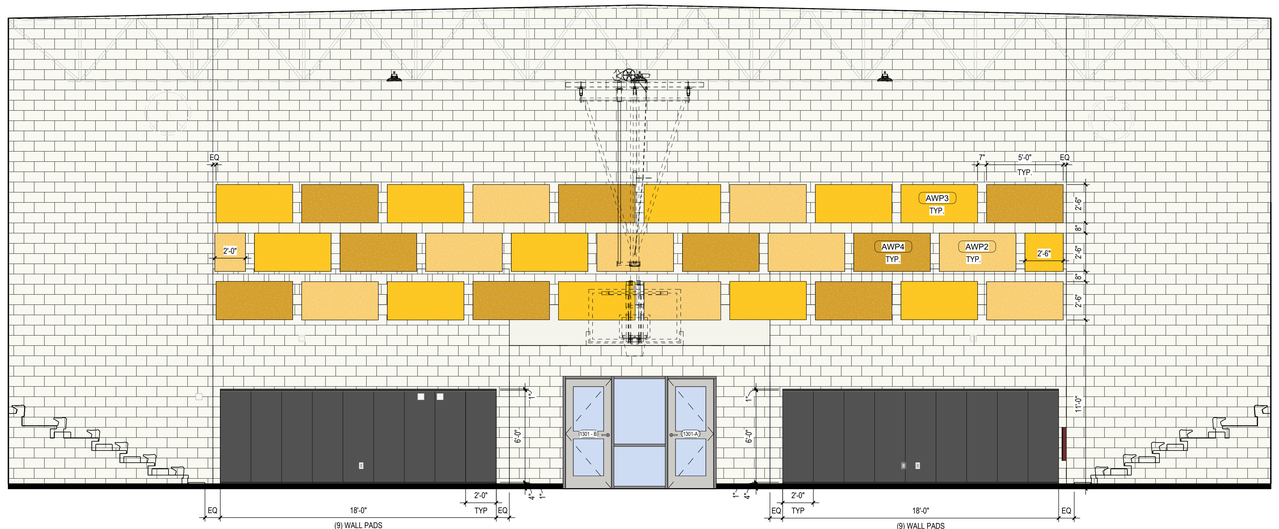

2 A-418 **MIDDLE SCHOOL GYM 1301 - SOUTH**

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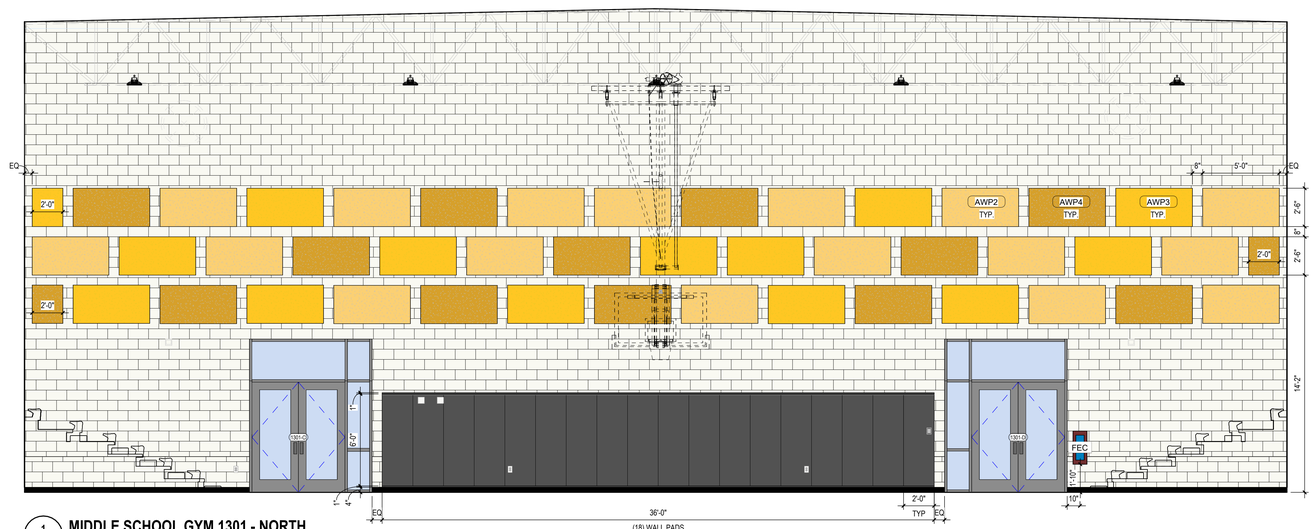

1 A-418 **MIDDLE SCHOOL GYM 1301 - NORTH**

SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATIONS - MS GYM

A-418

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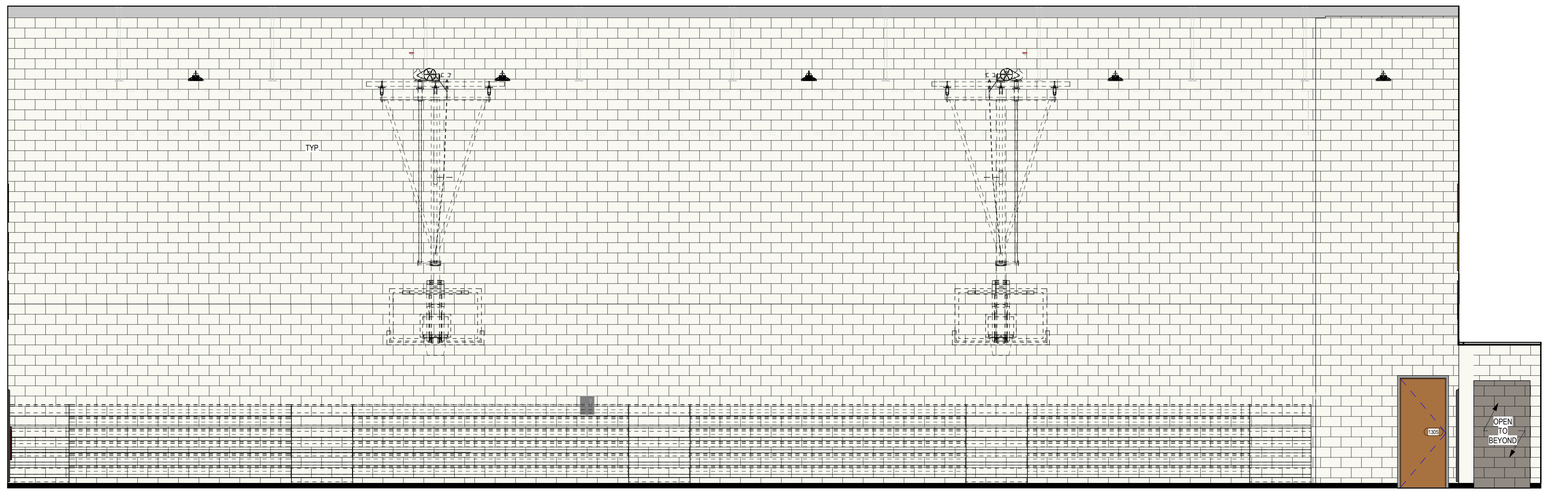
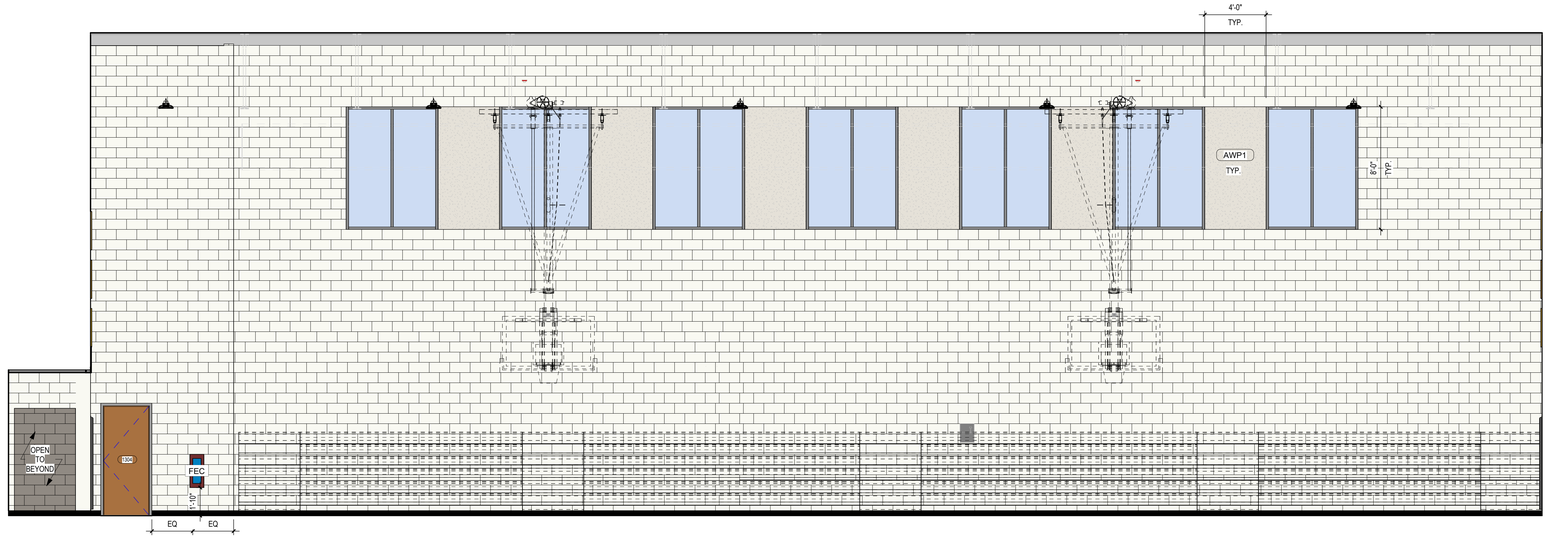


2 A-419 **MIDDLE SCHOOL GYM 1301 - EAST**
SCALE: 1/4" = 1'-0"



1 A-419 **MIDDLE SCHOOL GYM 1301 - WEST**
SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATIONS - MS GYM

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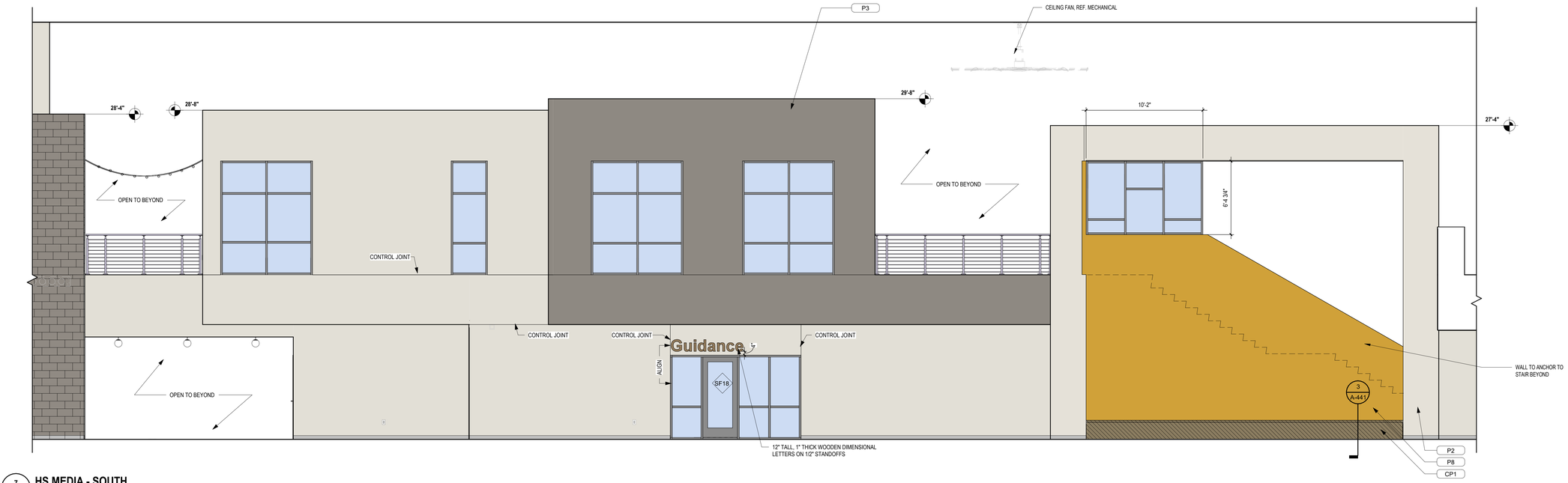

7 A-420 HS MEDIA - SOUTH

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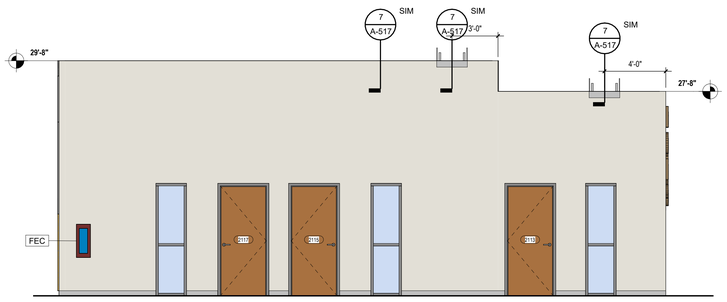

6 A-420 HIGH SCHOOL RESOURCE - SOUTH

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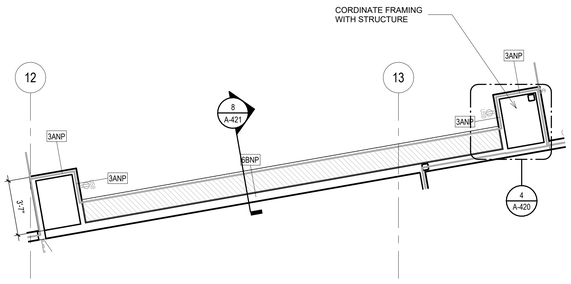
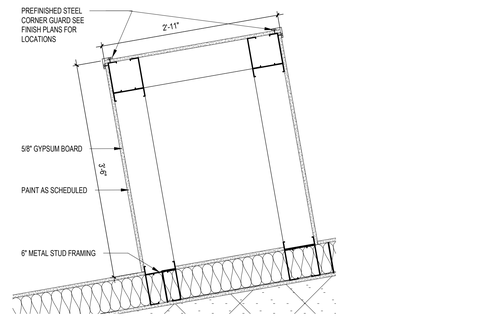


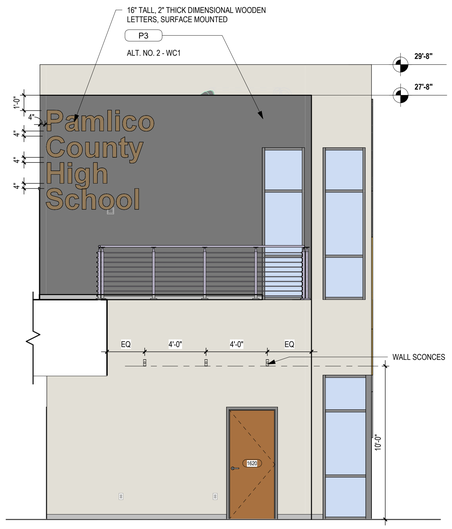
5 A-420 ENLARGED FLOOR PLAN - MEDIA FRAMED SEAT

SCALE: 1/4" = 1'-0"



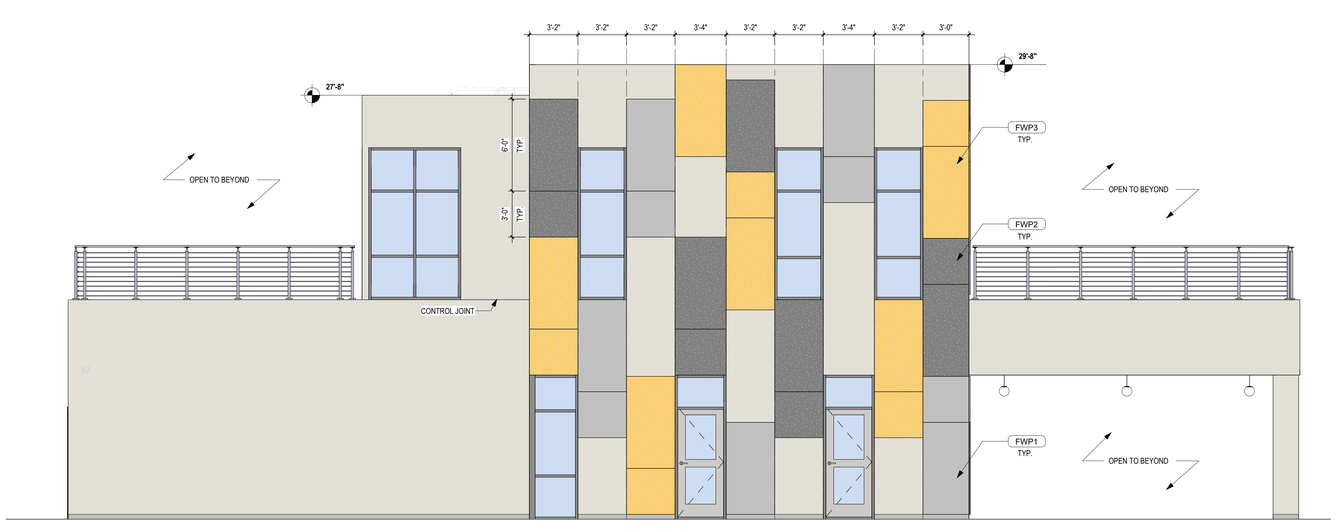
4 A-420 ENRG PLAN DETAIL - FRAME

SCALE: 1" = 1'-0"



3 A-420 HS MEDIA - WEST

SCALE: 1/4" = 1'-0"



2 A-420 HS MEDIA - NORTH

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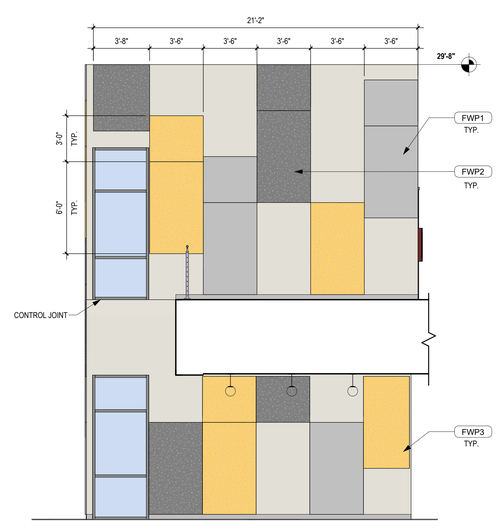

1 A-420 HS MEDIA - EAST

SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATIONS - LEARNING COMMONS

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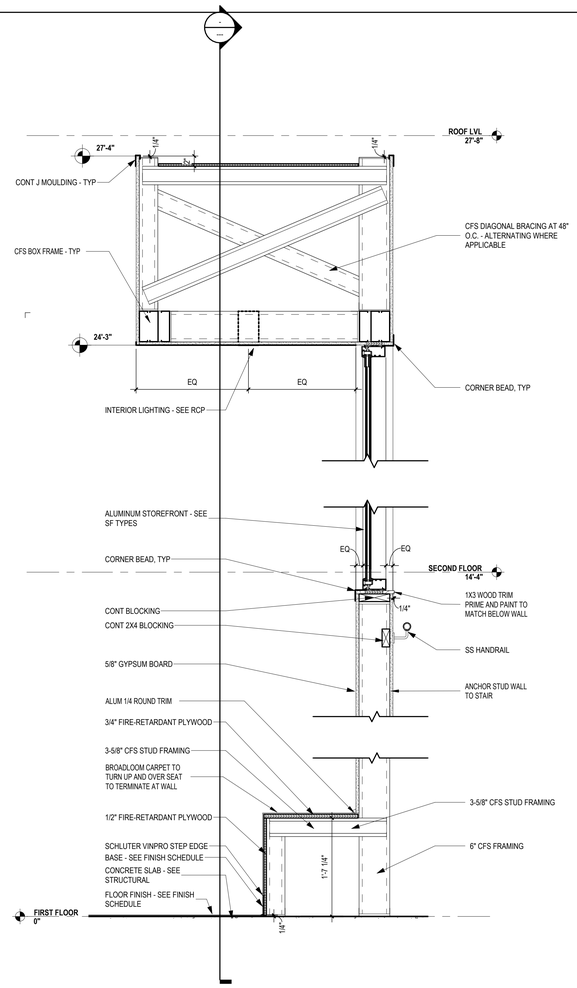
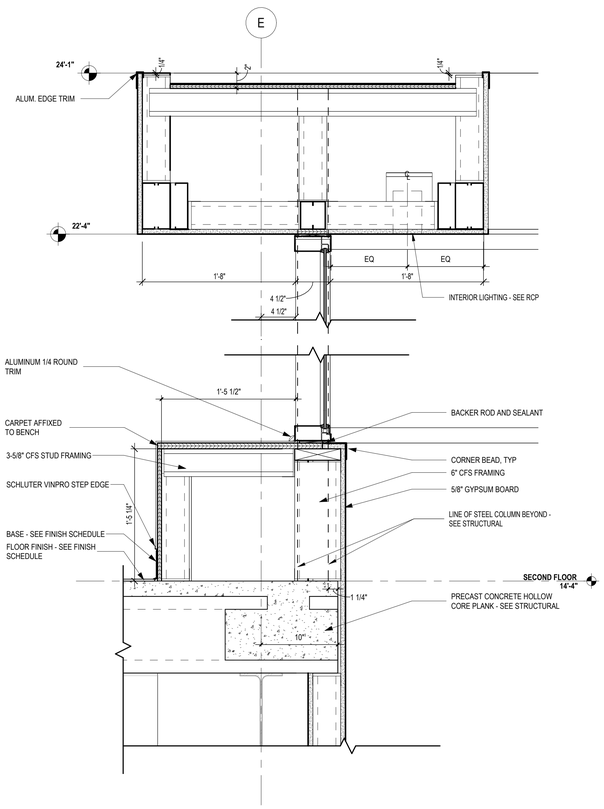


8 A-421 **MEDIA FRAMED SEAT DETAIL**
SCALE: 1" = 1'-0"



7 A-421 **COLLAB 3 SEAT FRAME DETAIL**
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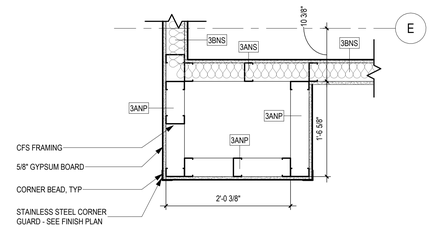
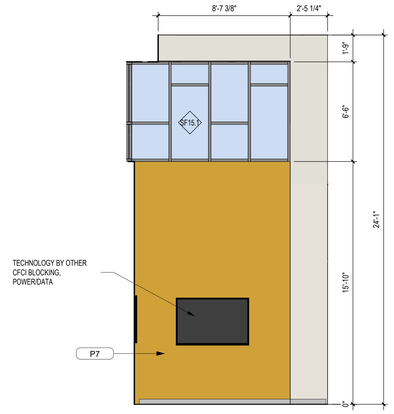
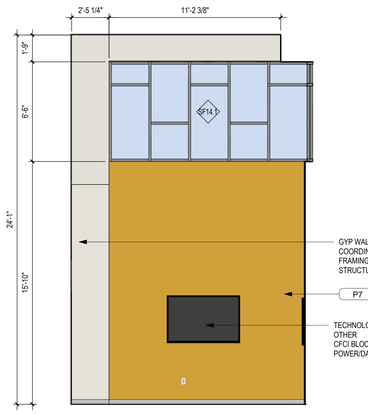


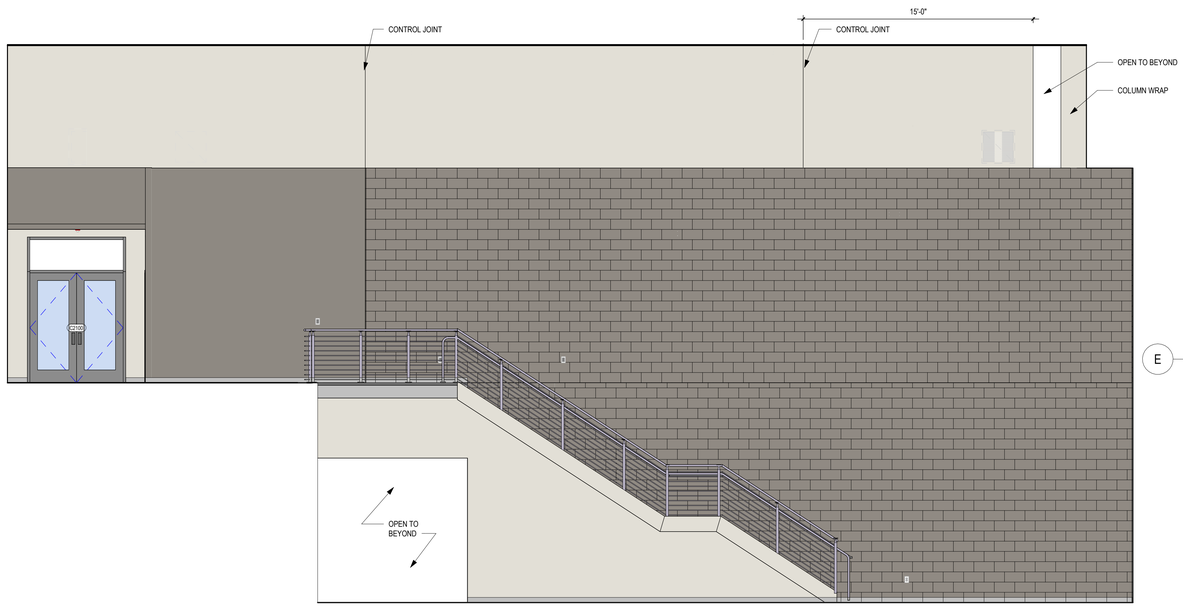
6 A-421 **ENLARGED FLOOR PLAN - COLLAB 3 - BOX FRAME**
SCALE: 1" = 1'-0"



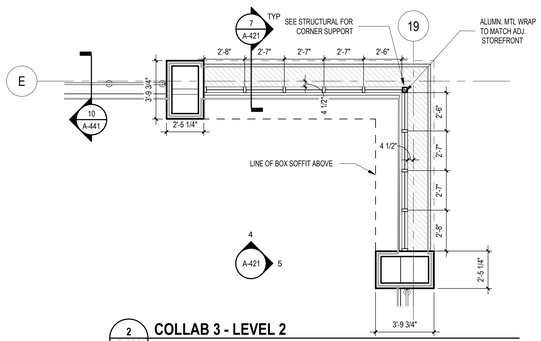
5 A-421 **COLLAB 3 - EAST**
SCALE: 1/4" = 1'-0"



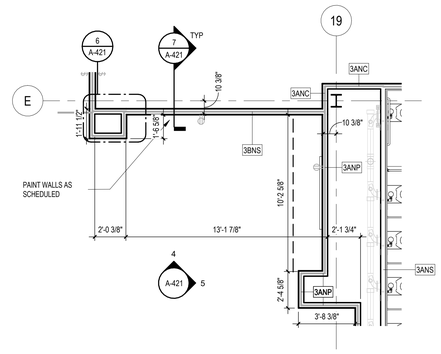
4 A-421 **COLLAB 3 - NORTH**
SCALE: 1/4" = 1'-0"



3 A-421 **STAIR WALL ELEVATION**
SCALE: 1/4" = 1'-0"



2 A-421 **COLLAB 3 - LEVEL 2**
SCALE: 1/4" = 1'-0"



1 A-421 **COLLAB 3 - LEVEL 1**
SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATIONS - LEARNING COMMONS

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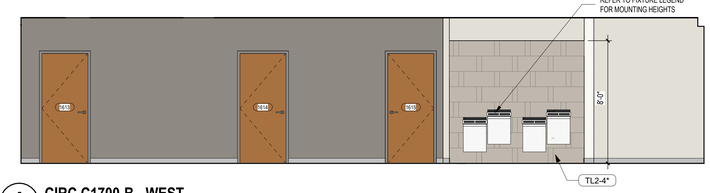
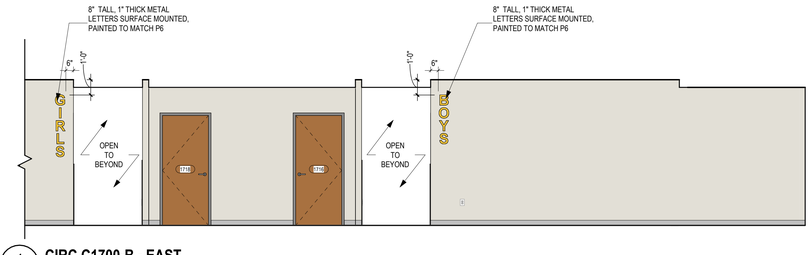


5 A-422 **CIRC C1700-B - WEST**

SCALE: 1/4" = 1'-0"



4 A-422 **CIRC C1700-B - EAST**

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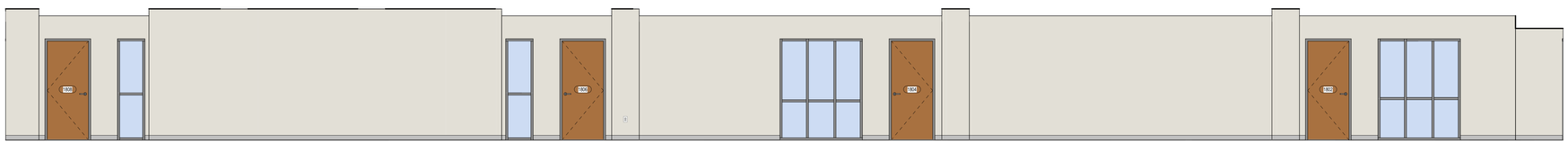
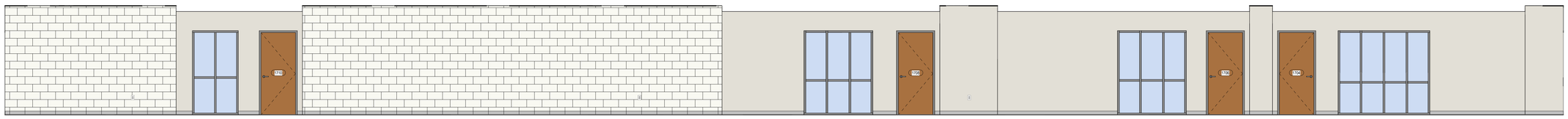


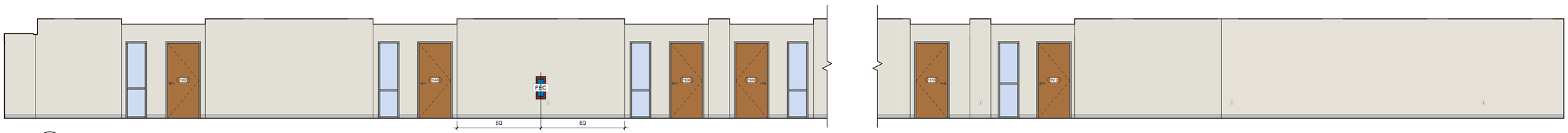
3 A-422 **CIRC C1800 - SOUTH**

SCALE: 1/4" = 1'-0"



2 A-422 **CIRC C1700 - SOUTH**

SCALE: 1/4" = 1'-0"



1 A-422 **CIRC C1500 - NORTH**

SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATIONS - LEARNING COMMONS

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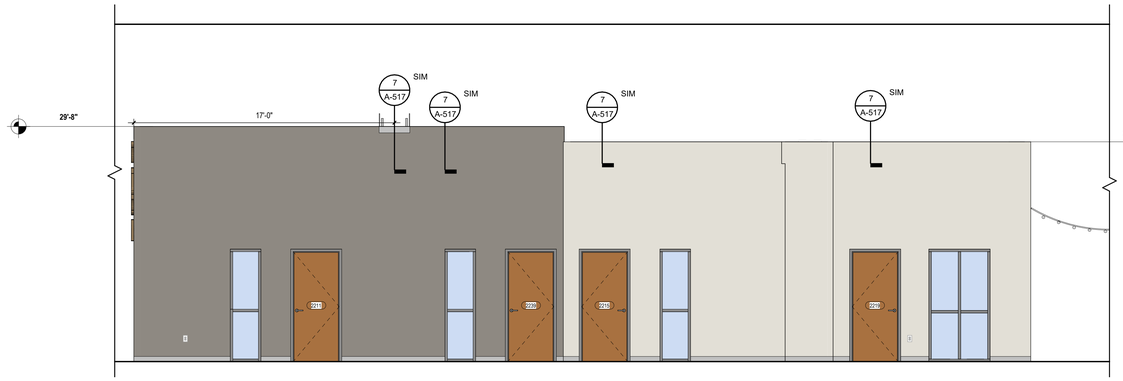

6 A-423 **CIRC 2200 - NORTH**
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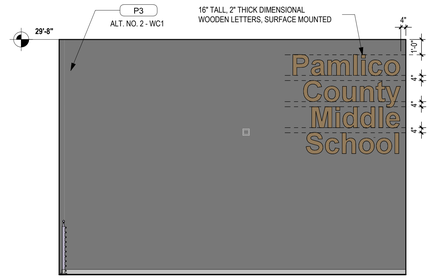
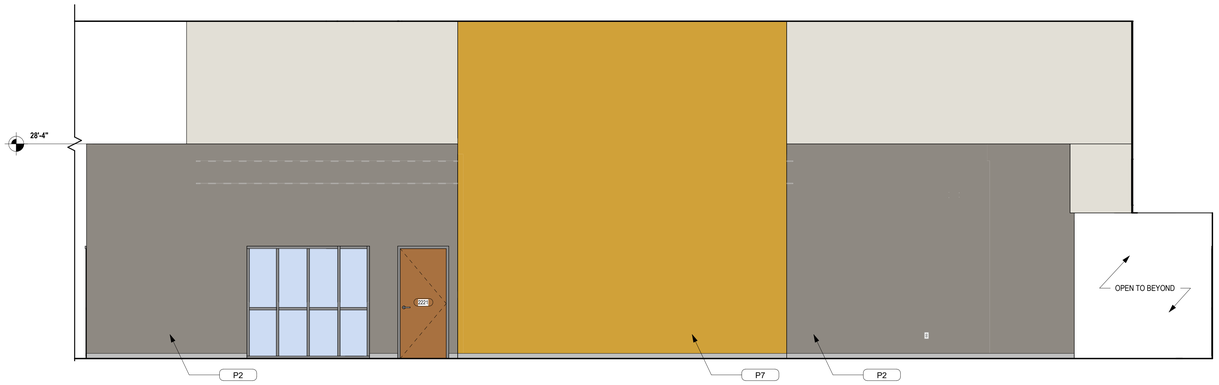
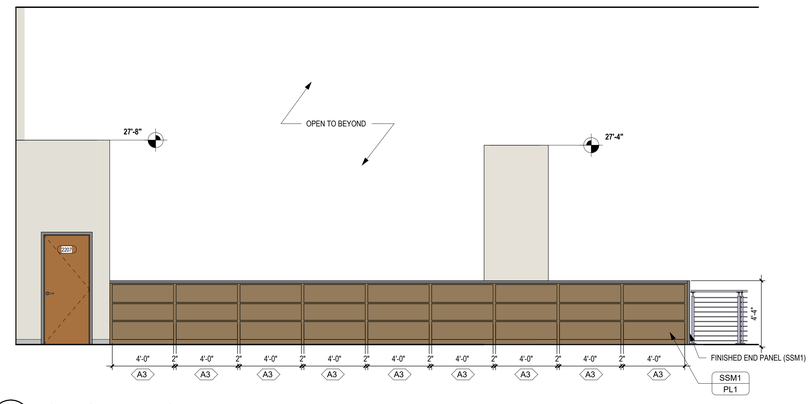


5 A-423 **COLLAB 8 2209 - EAST**
SCALE: 1/4" = 1'-0"



4 A-423 **MIDDLE SCHOOL STEM - SOUTH**
SCALE: 1/4" = 1'-0"



3 A-423 **MS MEDIA 2201 - EAST**
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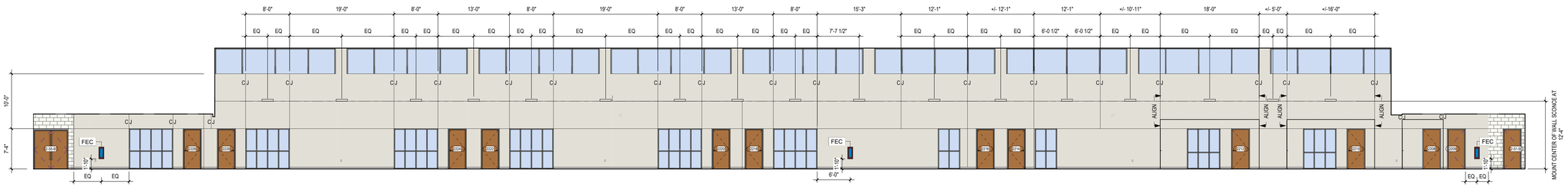

2 A-423 **CIRC 2200 - SOUTH**
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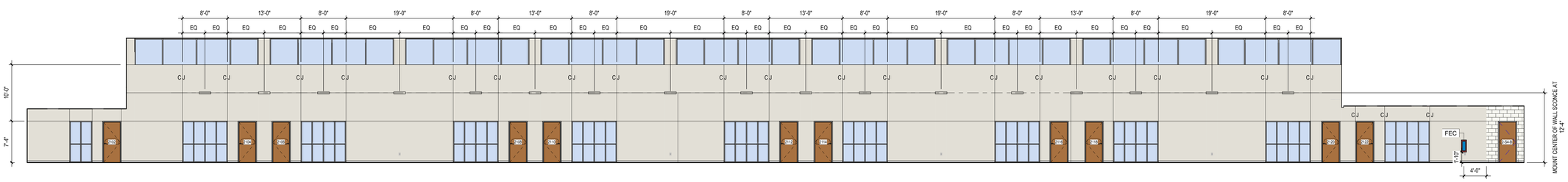

1 A-423 **CIRC 2100 - NORTH**
SCALE: 1/8" = 1'-0"

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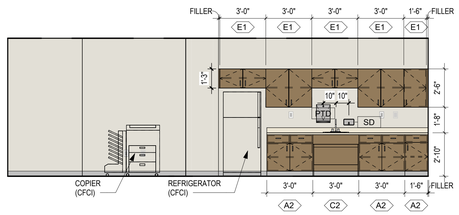
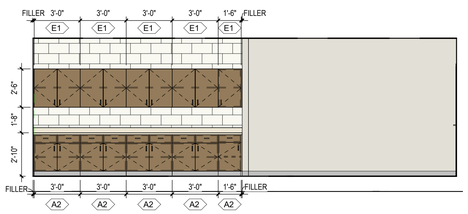
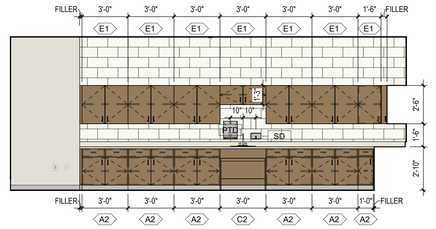


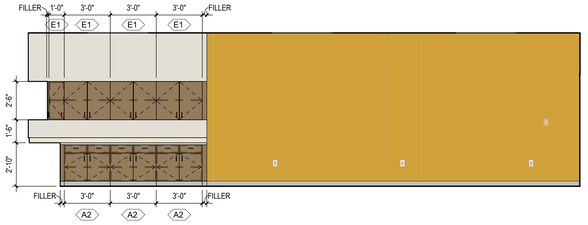
17 A-424 **WORKROOM 2229 - SOUTH**
SCALE: 1/4" = 1'-0"



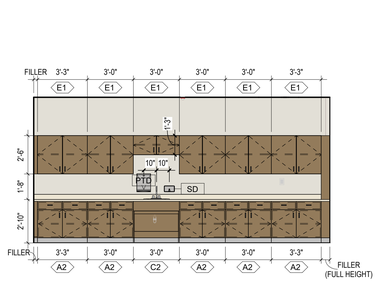
16 A-424 **WORKROOM 2229 - NORTH**
SCALE: 1/4" = 1'-0"



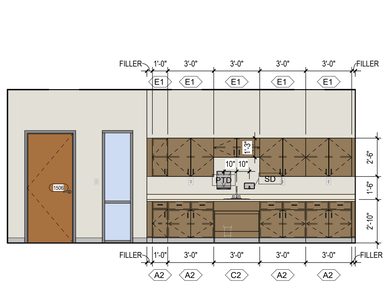
15 A-424 **MIDDLE SCHOOL STEM 2221 - NORTH**
SCALE: 1/4" = 1'-0"



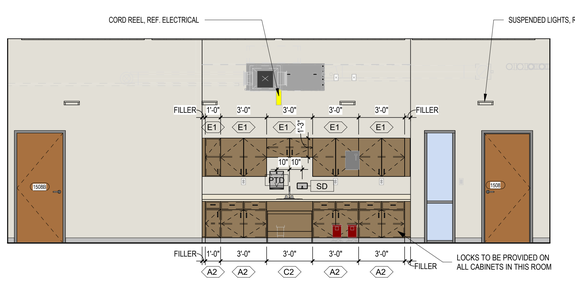
14 A-424 **MIDDLE SCHOOL STEM 2221 - EAST**
SCALE: 1/4" = 1'-0"



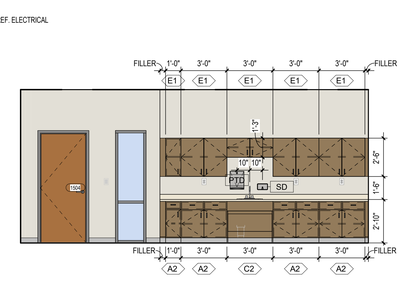
13 A-424 **WORKROOM 1503 - EAST**
SCALE: 1/4" = 1'-0"



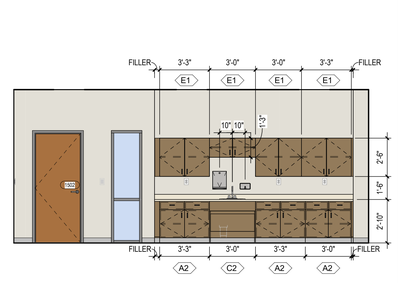
12 A-424 **HORTICULTURE 1507 -NORTH**
SCALE: 1/4" = 1'-0"



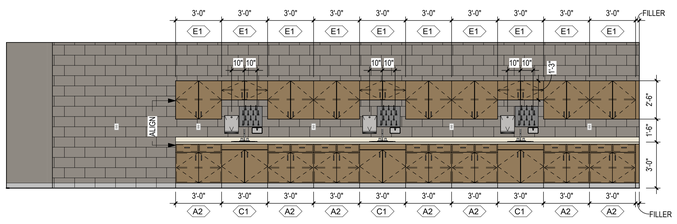
11 A-424 **EMT LAB 1509 - NORTH**
SCALE: 1/4" = 1'-0"



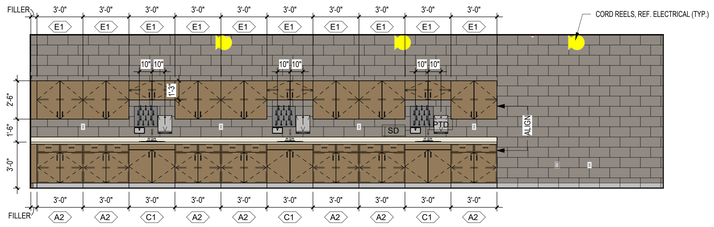
10 A-424 **HS ANIMAL SCIENCE 1503 - NORTH**
SCALE: 1/4" = 1'-0"



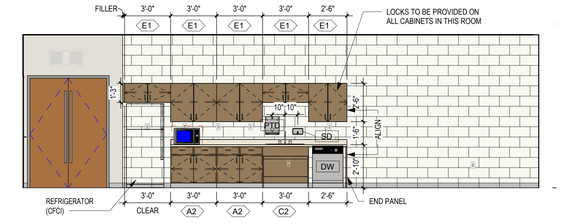
9 A-424 **MS ANIMAL SCIENCE 1501 - NORTH**
SCALE: 1/4" = 1'-0"



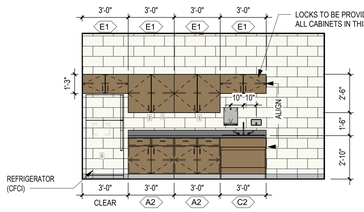
8 A-424 **HS CTEC LAB 2D ART - WEST**
SCALE: 1/4" = 1'-0"



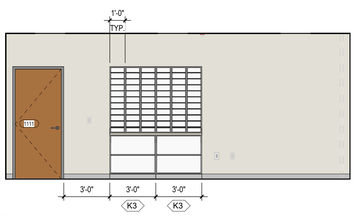
7 A-424 **SC CTEC LAB 3D ART - EAST**
SCALE: 1/4" = 1'-0"



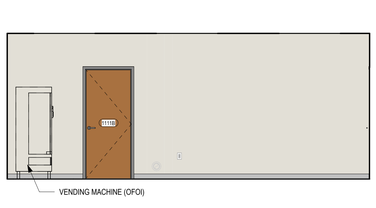
6 A-424 **EC SC WITH LS - EAST**
SCALE: 1/4" = 1'-0"



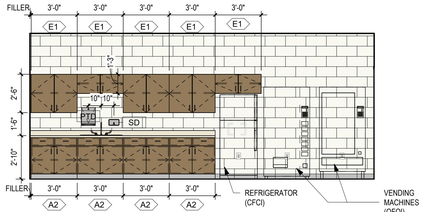
5 A-424 **HEALTH 1104 - NORTH**
SCALE: 1/4" = 1'-0"



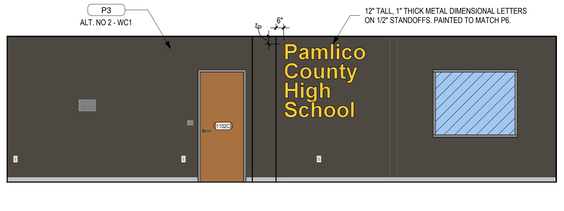
4 A-424 **BRK/WR 111 - SOUTH**
SCALE: 1/4" = 1'-0"



3 A-424 **BRK/WR 111 - EAST**
SCALE: 1/4" = 1'-0"



2 A-424 **BRK/WR 111 - NORTH**
SCALE: 1/4" = 1'-0"



1 A-424 **RECEPT 1102 - WEST**
SCALE: 1/4" = 1'-0"

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REGISTERED ARCHITECT JEFFREY LINDSTROM 6.12.24 FAYETTEVILLE NORTH CAROLINA

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC, 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
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CHECKED BY:		MK

INTERIOR ELEVATIONS - CLASSROOMS & ADMIN

A-424

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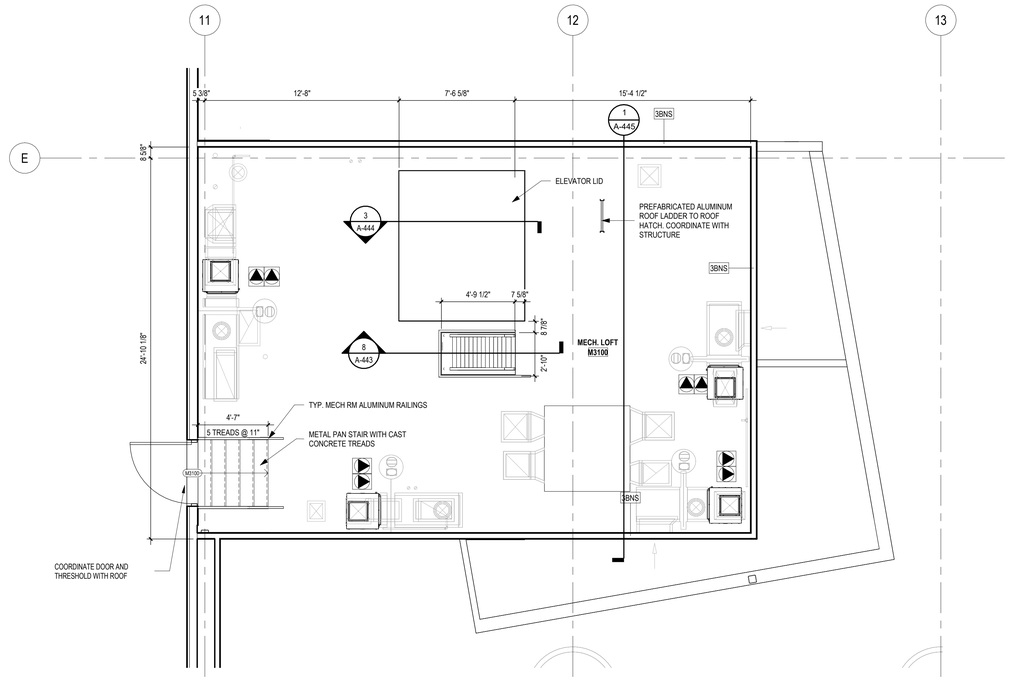
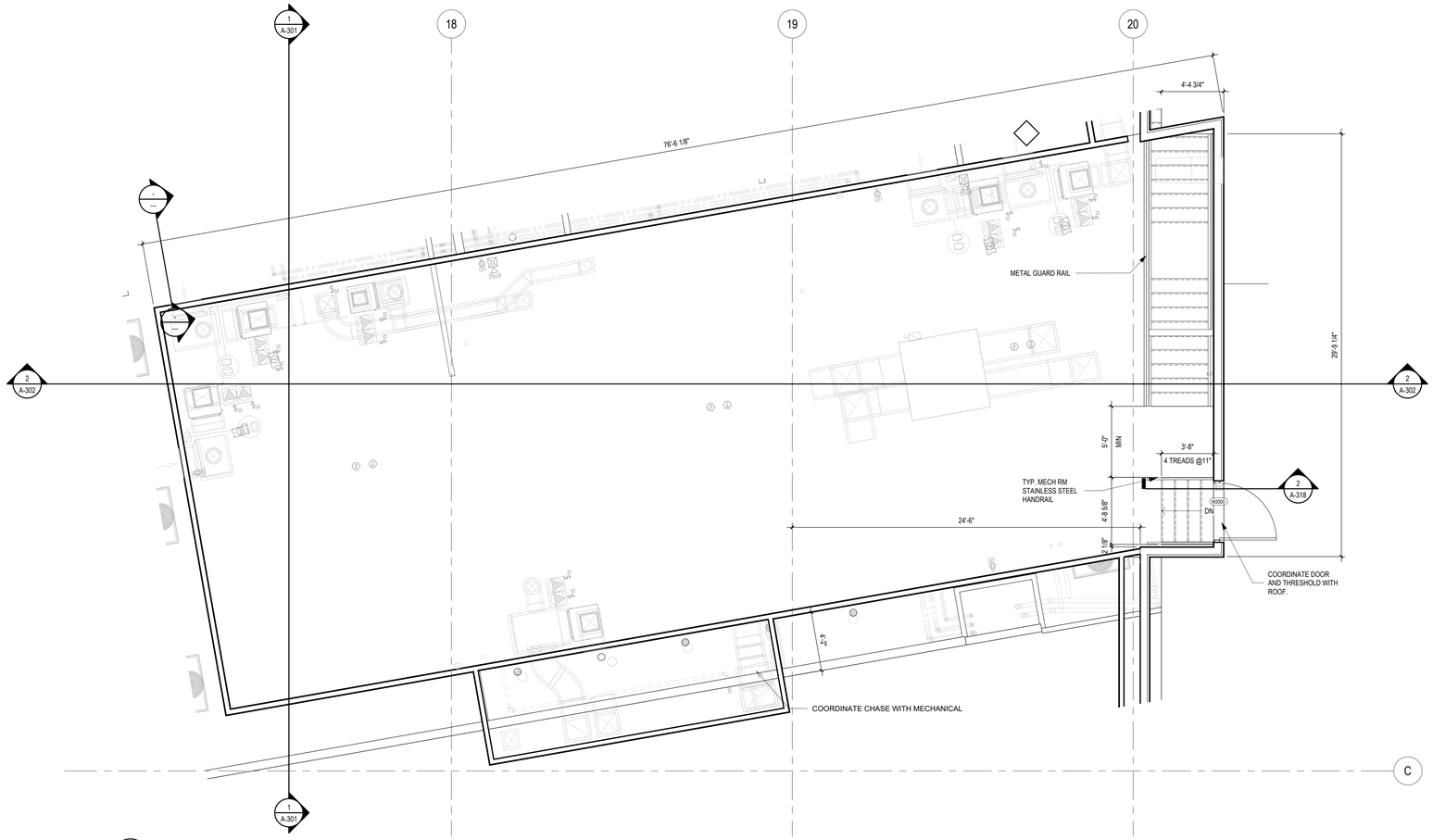


2 / A-430 MECHANICAL PLATFORM - WEST

SCALE: 1/4" = 1'-0"



1 / A-430 MECHANICAL PLATFORM- EAST

SCALE: 1/4" = 1'-0"

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ENLARGED PLANS - MECHANICAL PLATFORMS

A-430

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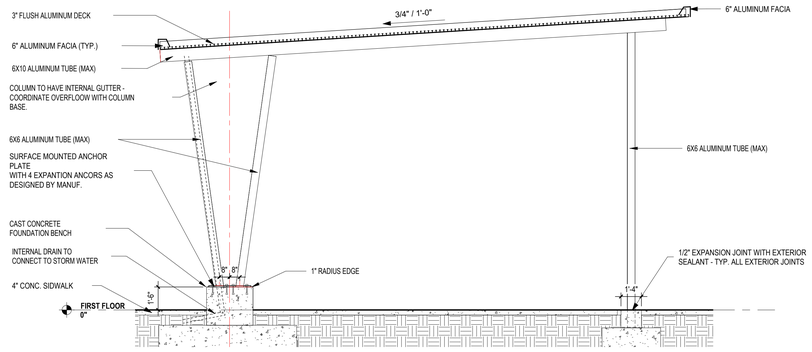

5 A-431 **ENLARGED SECTION - WALKWAY CANOPY**
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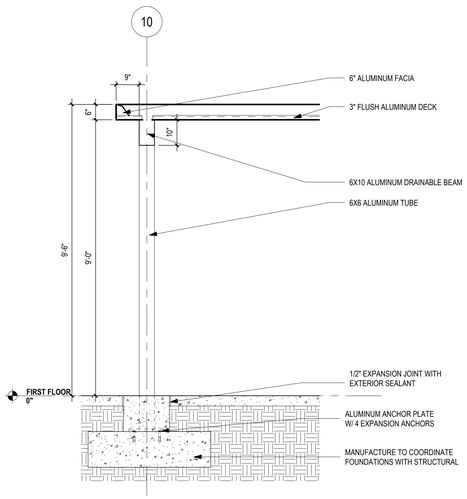

4 A-431 **ENLARGED SECTION 2 - DROP-OFF CANOPY**
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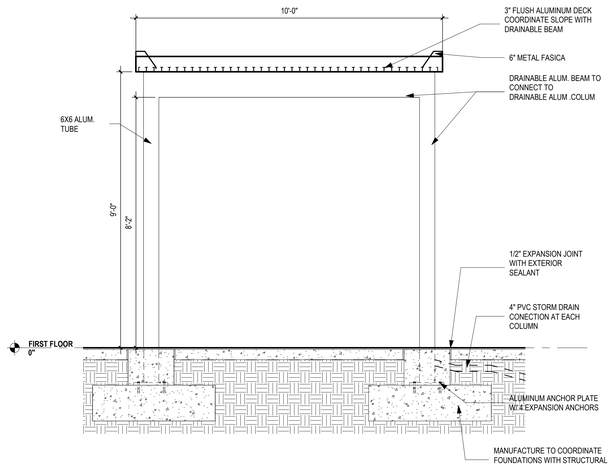
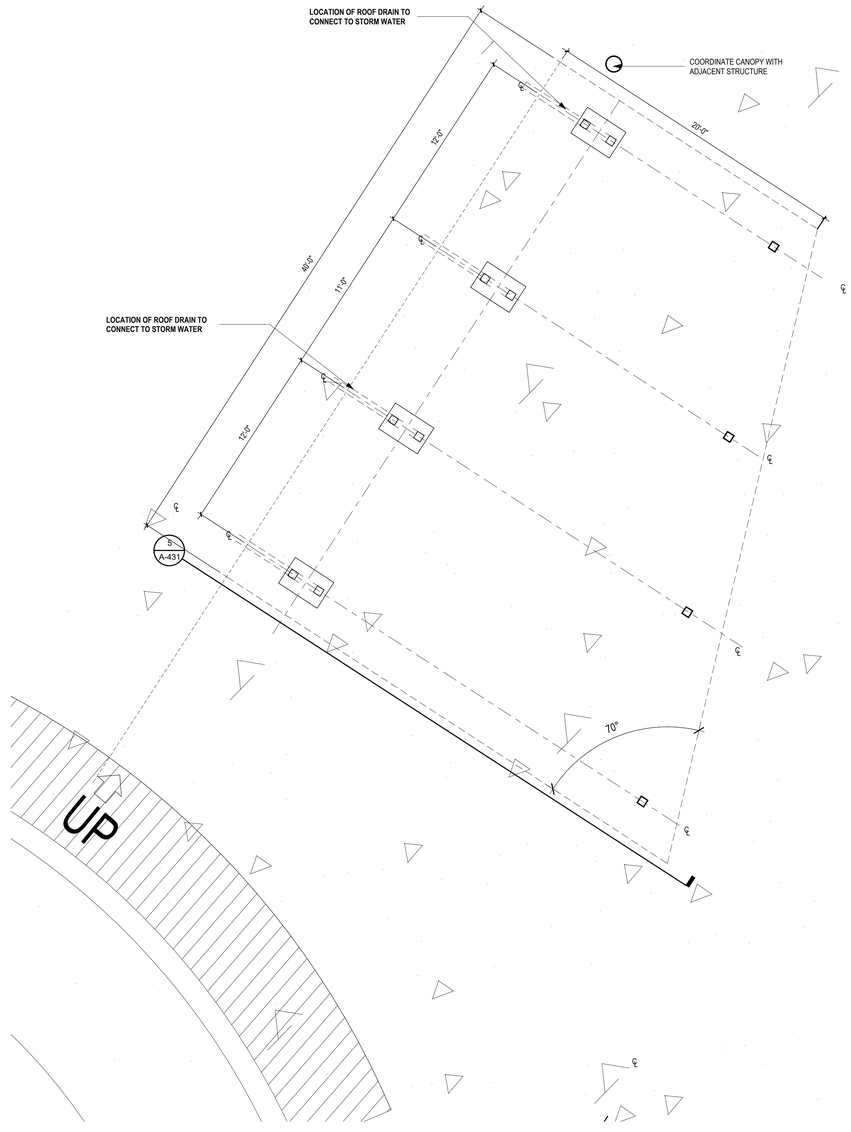
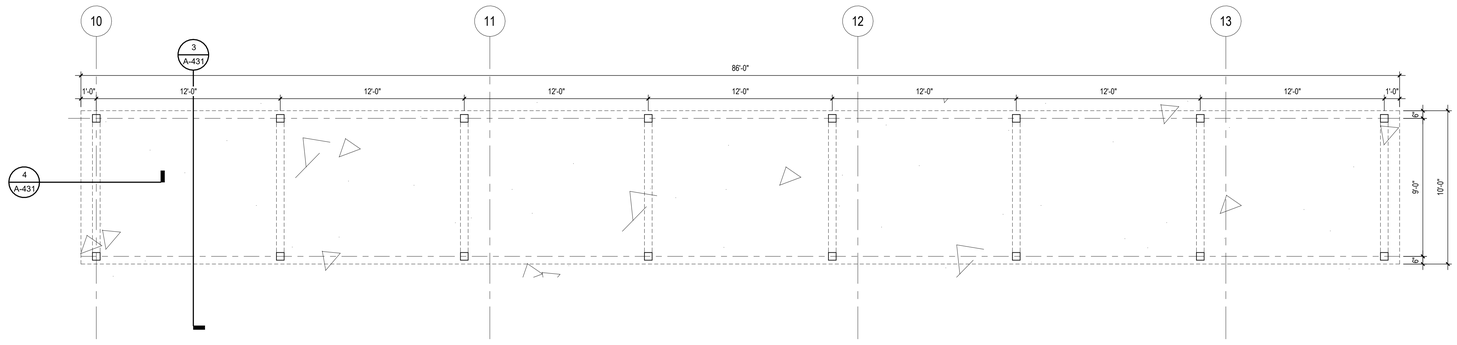


3 A-431 **ENLARGED SECTION - DROP-OFF CANOPY**
SCALE: 1/2" = 1'-0"



2 A-431 **ENLARGED PLAN WALKWAY CANOPY**
SCALE: 1/4" = 1'-0"



1 A-431 **ENLARGED DROP-OFF CANOPY**
SCALE: 1/4" = 1'-0"

ALTNERATE 1A & 1B.
WALKWAY CANOPY AND DROP-OFF CANOPY

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REGISTERED LANDSCAPE ARCHITECT 6.12.24 PAMELA J. HARRIS

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

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ENLARGED PLAN AND SECTION - ENTRY CANOPY ALTERNATES

A-431

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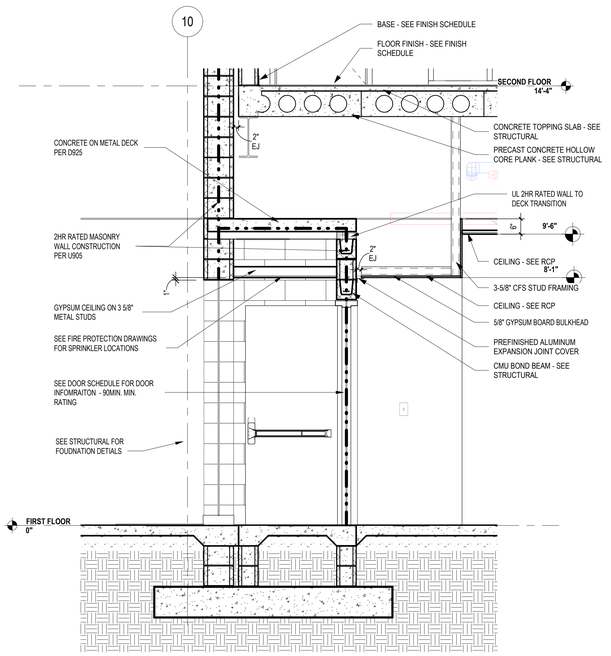
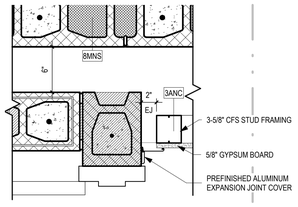
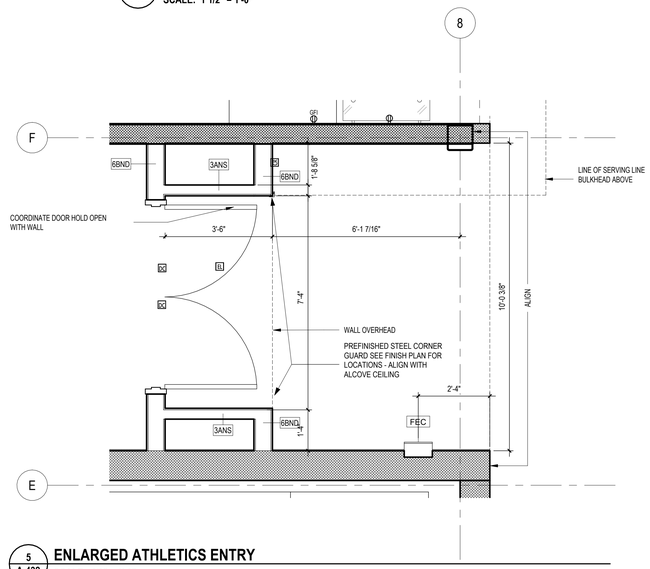


6 A-432 TYPCIAL RATED ENTRY ALCOVE
SCALE: 1/2" = 1'-0"

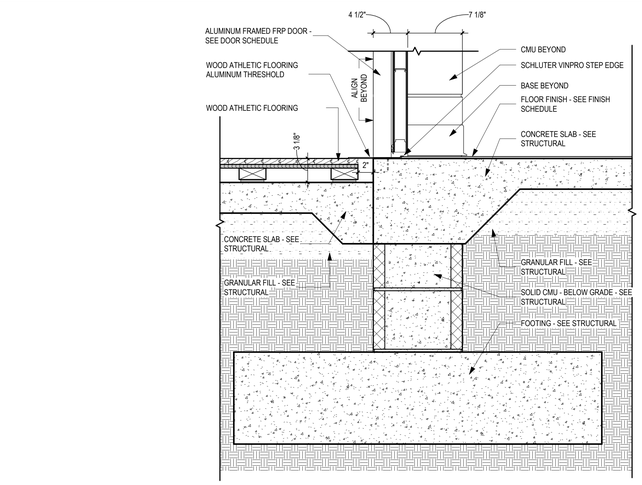


*2HR FIRE WALL SHOWN WITH DIAGONAL HATCH

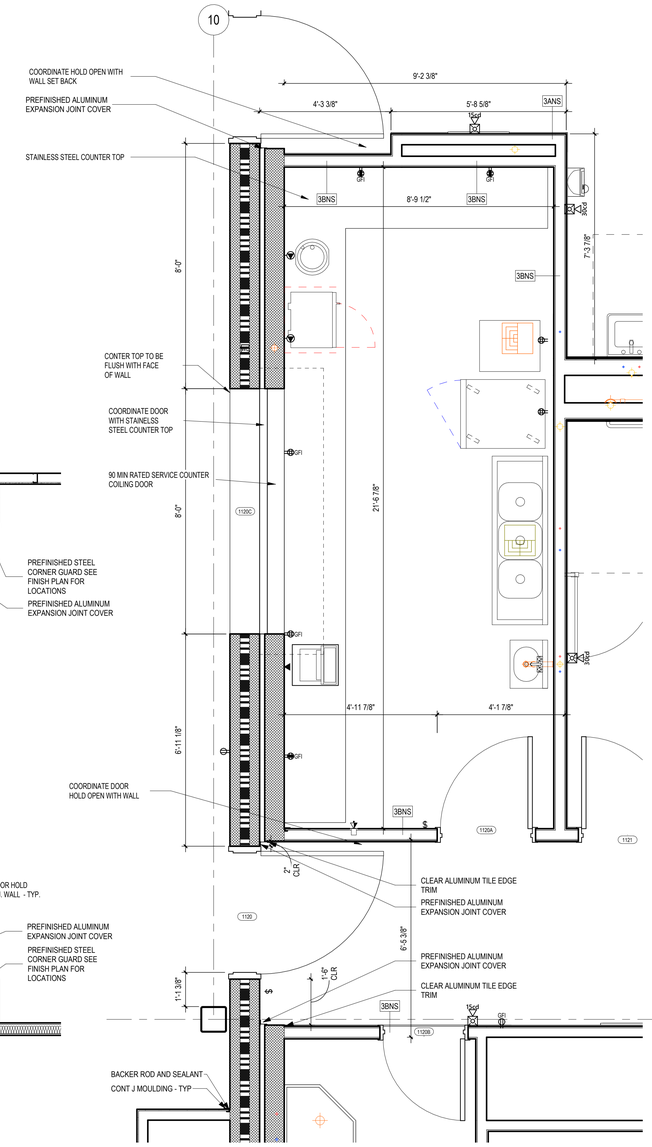
8 A-432 TYPICAL COMMONS ENTRY ALCOVE EXPANSION JOINT
SCALE: 1 1/2" = 1'-0"

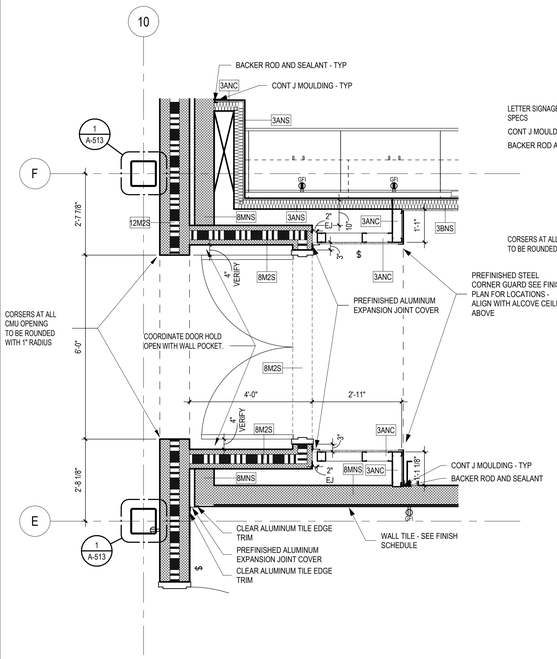


5 A-432 ENLARGED ATHLETICS ENTRY
SCALE: 1/2" = 1'-0"

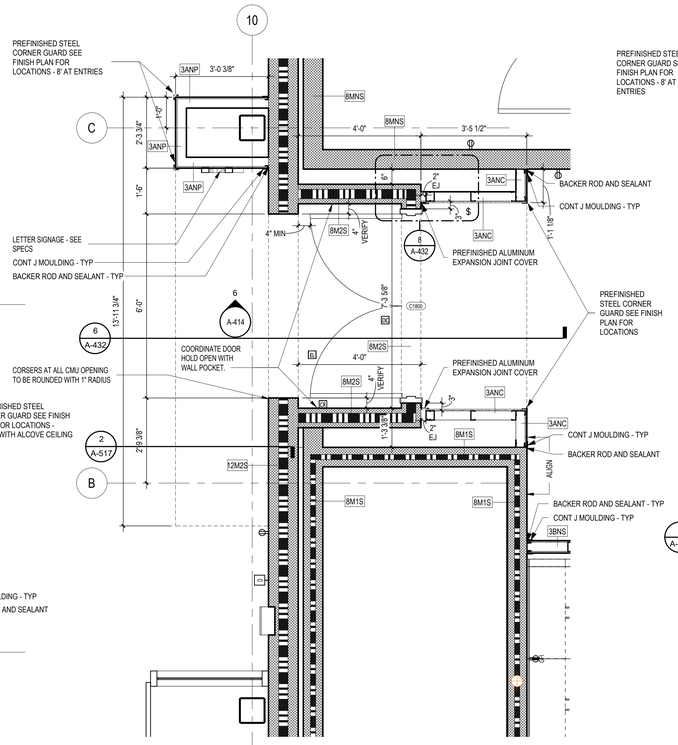


7 A-432 THRESHOLD AT ATHLETIC WOOD FLOORING
SCALE: 1 1/2" = 1'-0"

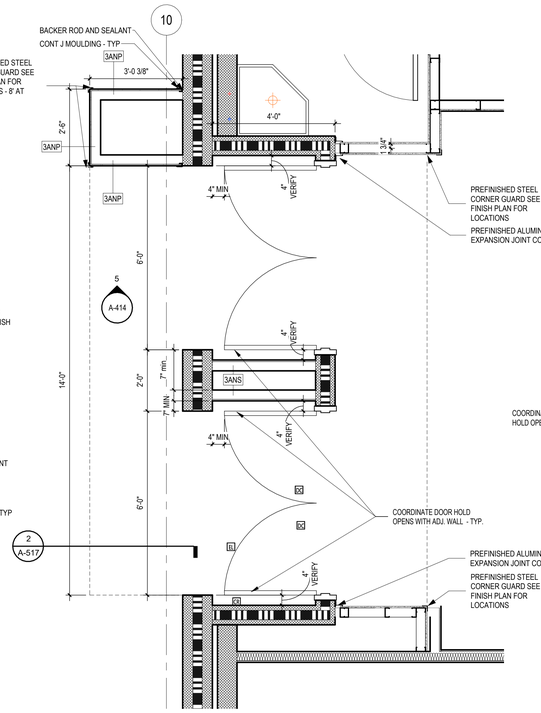




4 A-432 ENLARGED CTE LOBBY ENTRANCE
SCALE: 1/2" = 1'-0"



3 A-432 ENLARGED MS LOBBY ENTRY PLAN
SCALE: 1/2" = 1'-0"



2 A-432 ENLARGED HS LOBBY ENTRY
SCALE: 1/2" = 1'-0"

1 A-432 ENLARGED CONCESSIONS PLAN
SCALE: 1/2" = 1'-0"

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ENLARGED PLANS AND SECTIONS - DINING & LOBBY

A-432

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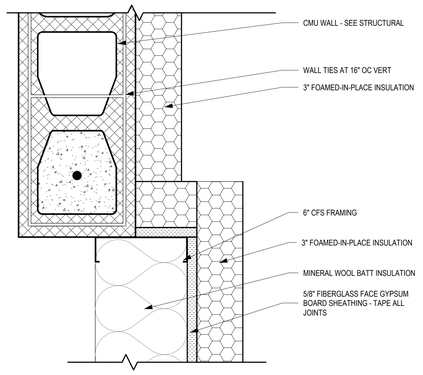
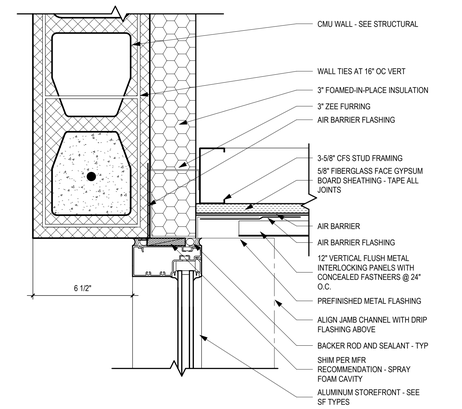
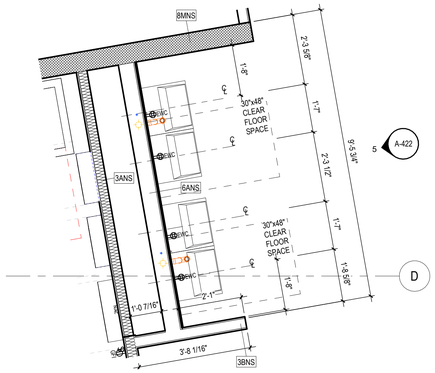


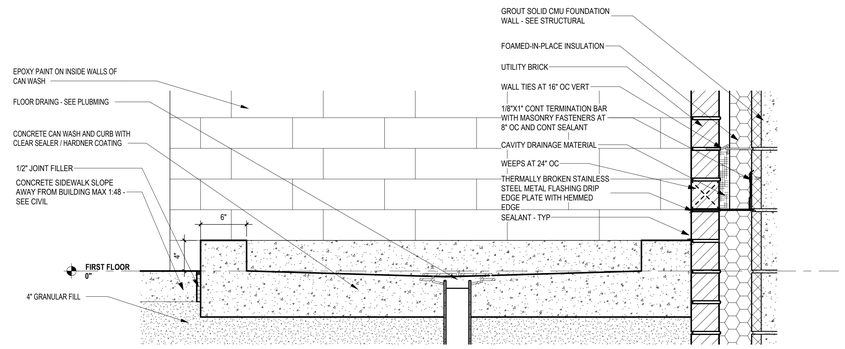
10 A-433 **STOREFRONT "BOX FRAME" CFS TO BRICK TRANSITION**
SCALE: 3" = 1'-0"



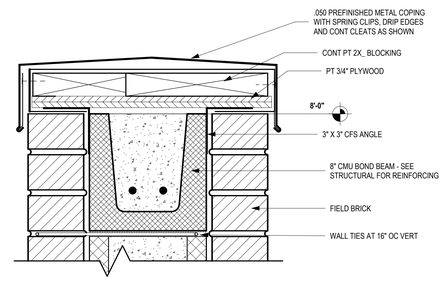
9 A-433 **STOREFRONT "BOX FRAME" - JAMB AT MTL SIDING**
SCALE: 3" = 1'-0"



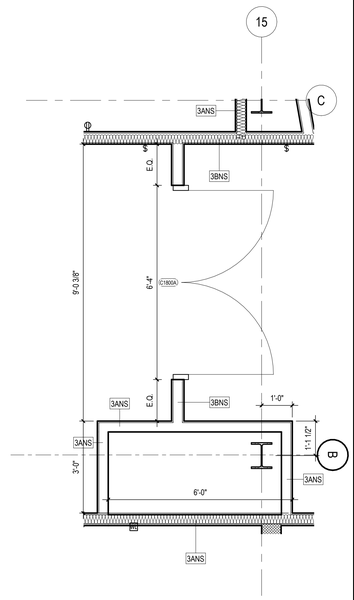
8 A-433 **ENLARGED FLOOR PLAN - DRINKING FOUNTAIN**
SCALE: 1/2" = 1'-0"



7 A-433 **DETAIL - CAN WASH PAN**
SCALE: 1 1/2" = 1'-0"



6 A-433 **DETAIL - CAN WASH WALL CAP**
SCALE: 3" = 1'-0"



1 A-433 **ENLARGED FLOOR PLAN - CIRC - C1700**
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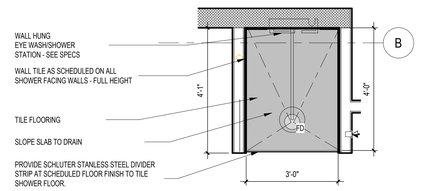
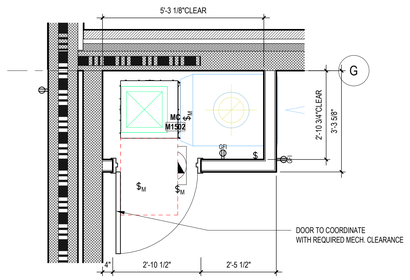


5 A-433 **ENLARGED FLOOR PLAN - TYPICAL EYE WASH/SHOWER STN**
SCALE: 1/2" = 1'-0"



4 A-433 **ENLARGED FLOOR PLAN - TYPICAL CR MECH.CLOSET**
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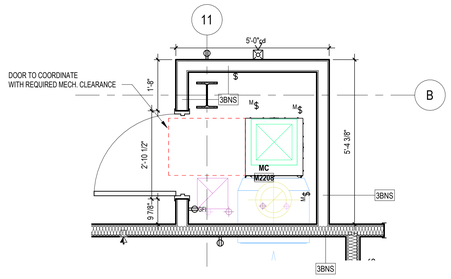
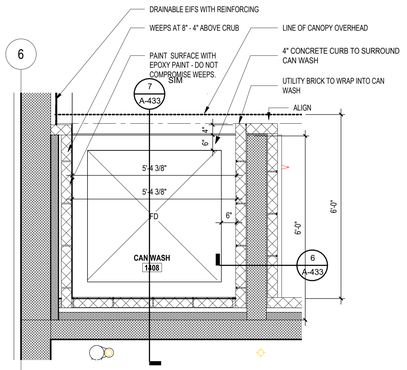


3 A-433 **ENLARGED FLOOR PLAN - MC**
SCALE: 1/2" = 1'-0"



2 A-433 **ENLARGED FLOOR PLAN - CAN WASH - 1408**
SCALE: 1/2" = 1'-0"

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

ENLARGED PLANS AND DETAILS

A-433

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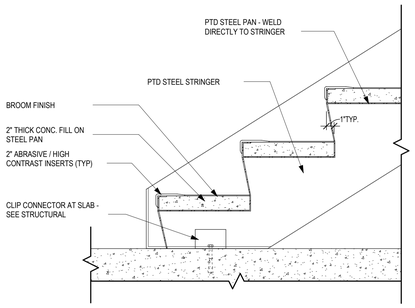
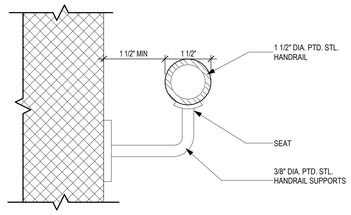
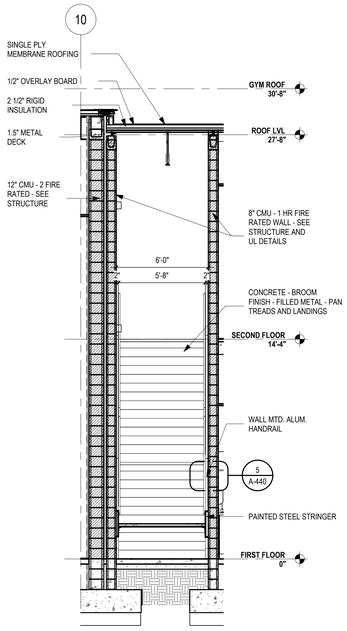


6 / A-440 EGRESS STAIR TREAD TYPICAL - STEEL RISER
SCALE: 1 1/2" = 1'-0"



5 / A-440 WALL MTD. HANDRAIL
SCALE: 6" = 1'-0"



4 / A-440 STAIR 01 SECTION - 02
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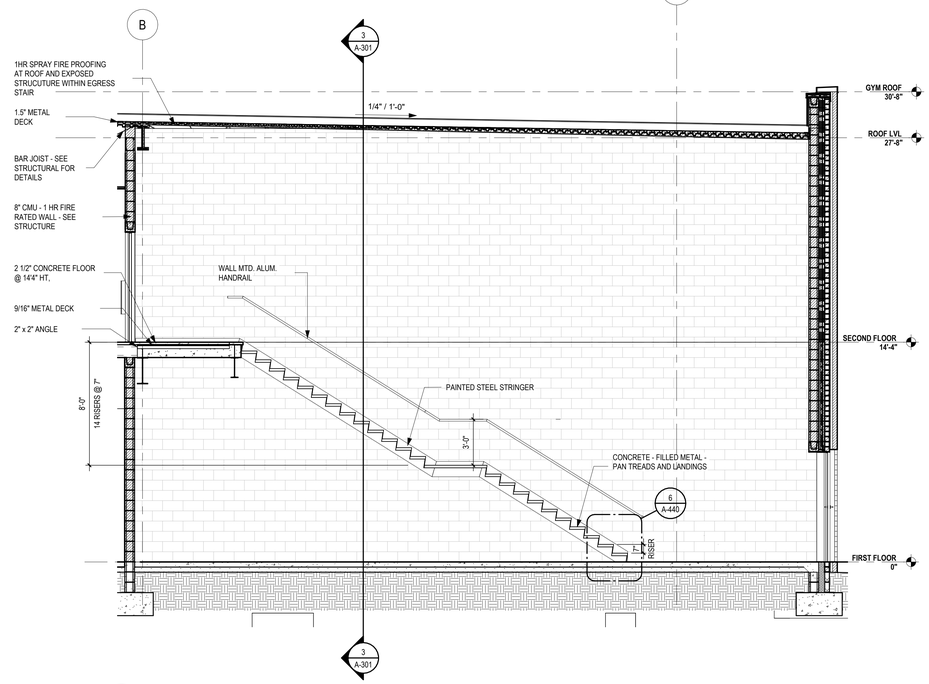

3 / A-440 STAIR 01 SECTION - 01
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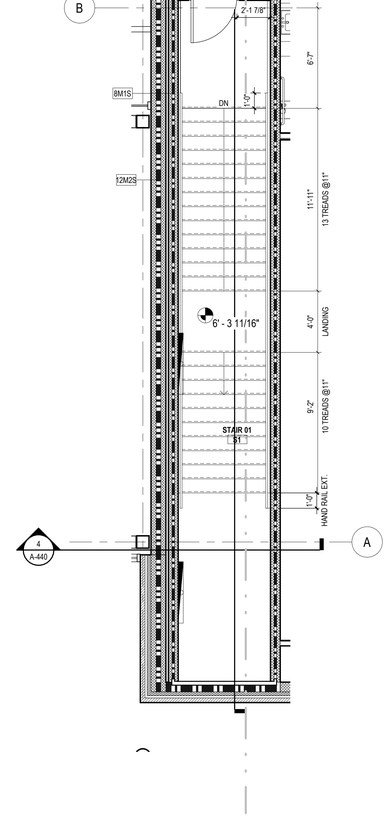

2 / A-440 STAIR 01 FLOOR PLAN - LEVEL 02
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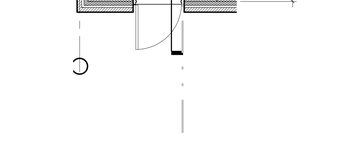

1 / A-440 STAIR 01 FLOOR PLAN - LEVEL 01
SCALE: 1/4" = 1'-0"

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JESSICA L. LINDSTROM 036411 REGISTERED PROFESSIONAL ENGINEER 6.12.24

CONSTRUCTION DOCUMENTS

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STAIR #01 DETAILS

A-440

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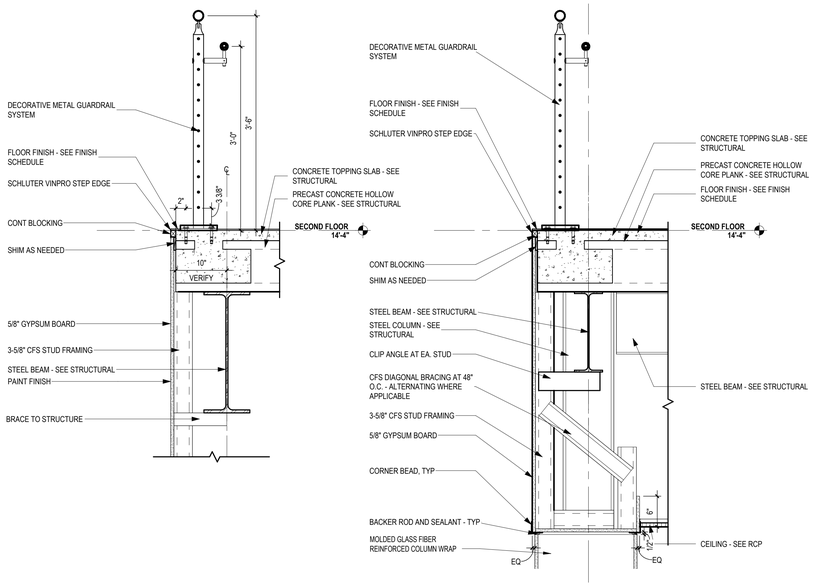
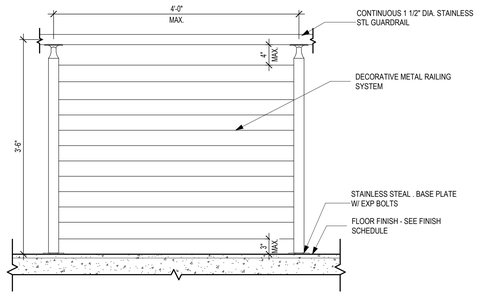


11 A-441 SECTION AT GUARDRAIL @ BALCONIES
SCALE: 1" = 1'-0"

10 A-441 SECTION AT GUARDRAIL @ COLUMN WRAPS
SCALE: 1" = 1'-0"



9 A-441 ELEVATION AT GUARDRAIL@BALCONIES
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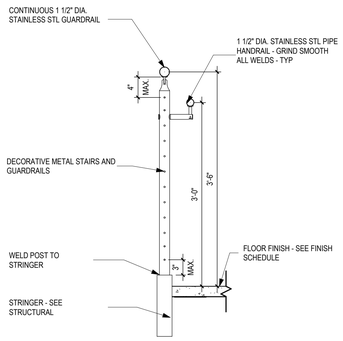

8 A-441 TYP. STAIR GUARD RAIL & HANDRAIL SECT.
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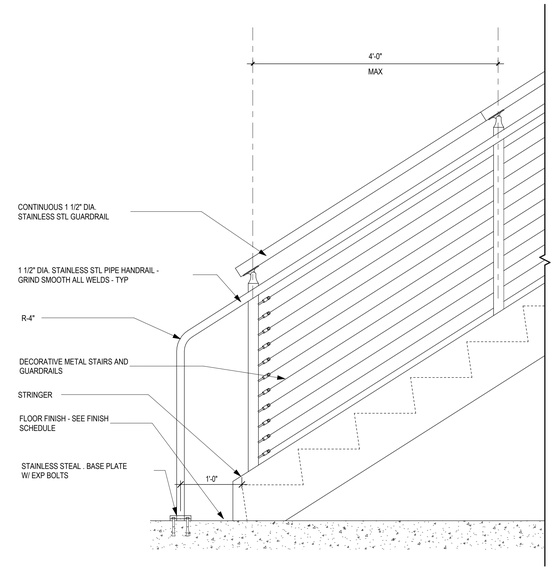

7 A-441 TYP. STAIR GUARD RAIL & HANDRAIL ELEV.
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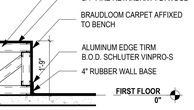
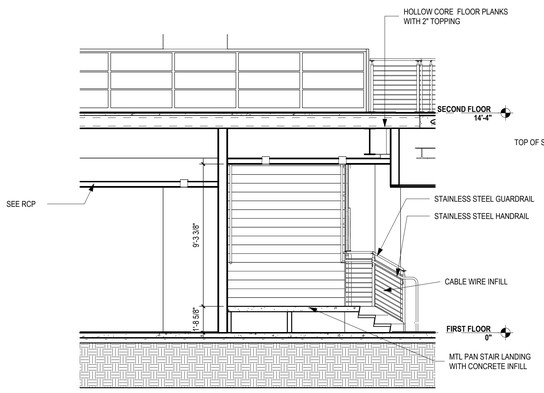


3 A-441 SECTION DETAIL- STAIRCASE #02 BENCH
SCALE: 1/2" = 1'-0"

6 A-441 DETAIL - TYP. TREAD/RISER IN LEARNING COMMONS
SCALE: 1 1/2" = 1'-0"



5 A-441 STAIR 02 SECTION - 02
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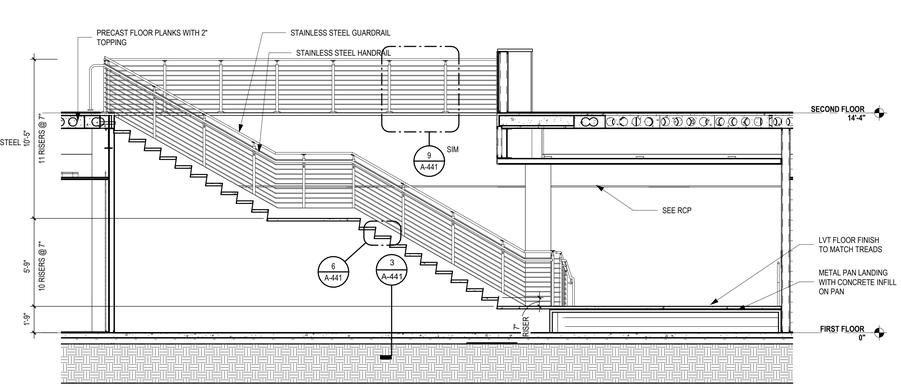

4 A-441 STAIR 02 SECTION - 01
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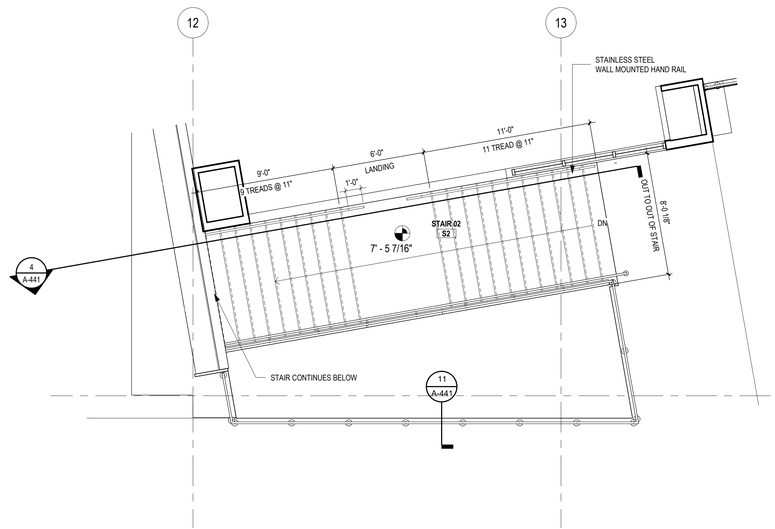
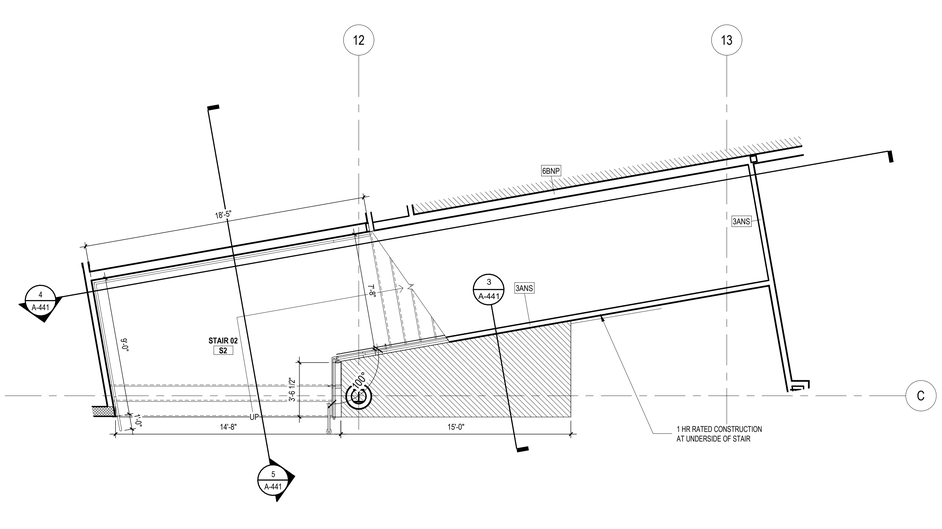


2 A-441 STAIR 02 FLOOR PLAN - LEVEL 02
SCALE: 1/4" = 1'-0"



1 A-441 STAIR 02 FLOOR PLAN - LEVEL 01
SCALE: 1/4" = 1'-0"

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STAIR #02 DETAILS

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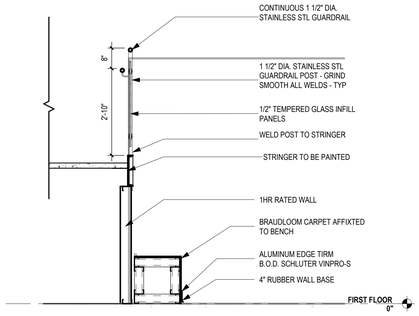

9 A-442 **SECTION DETAIL- STAIRCASE #03 BENCH**
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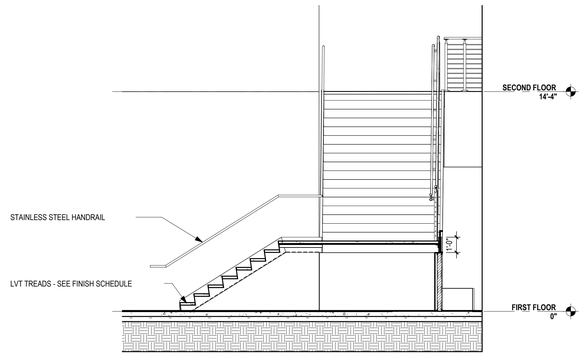

8 A-442 **STAIR 03 SECTION - 01**
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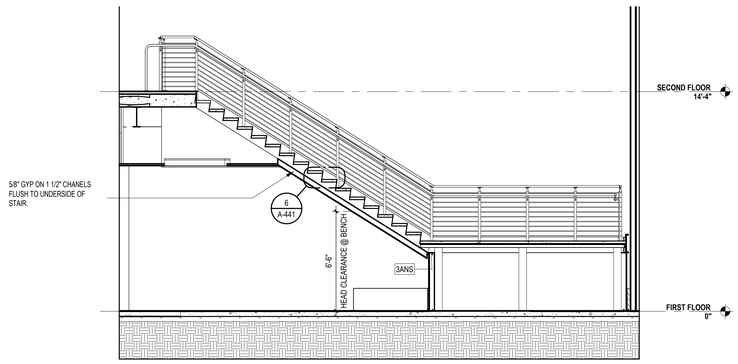

7 A-442 **STAIR 03 SECTION - 02**
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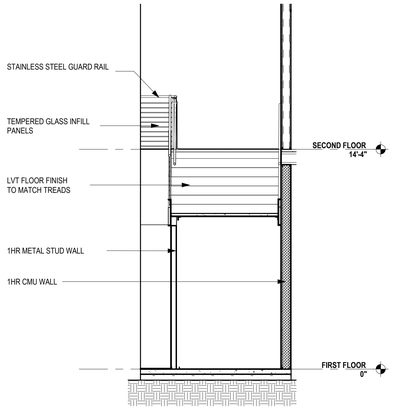

6 A-442 **LEARNING COMMONS STAIR SECTION -02**
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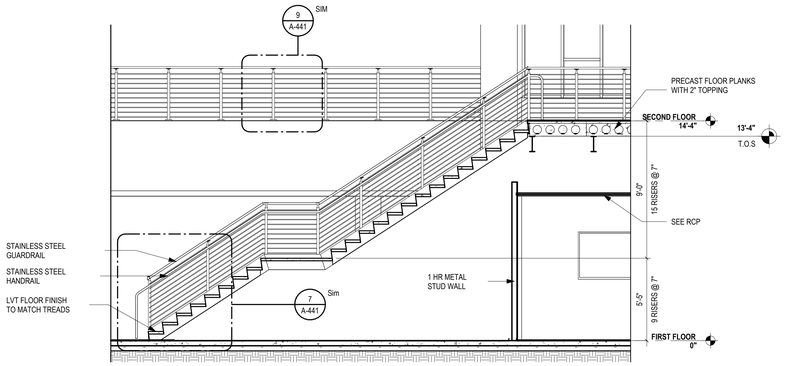

5 A-442 **LEARNING COMMONS STAIR SECTION -01**
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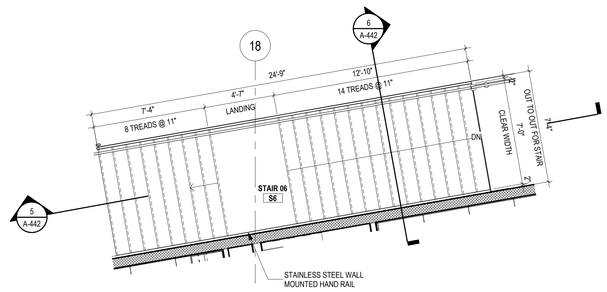
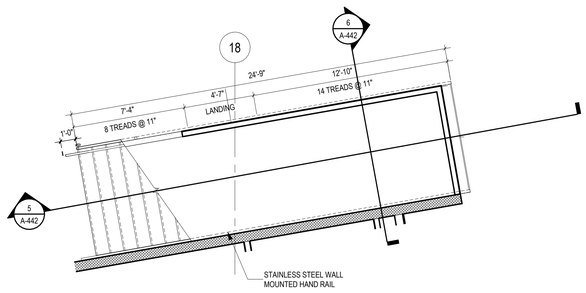
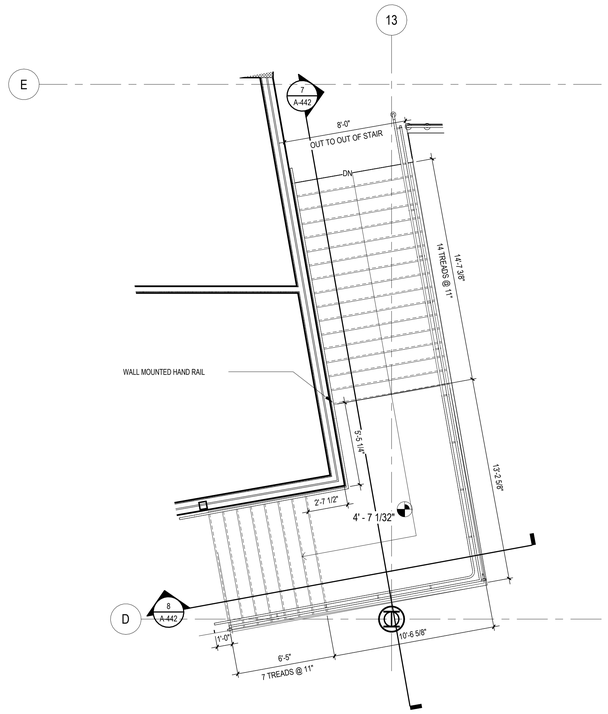


4 A-442 **LEARNING STAIR SECOND FLOOR PLAN**
SCALE: 1/4" = 1'-0"



3 A-442 **LEARNING STAIR FIRST FLOOR PLAN**
SCALE: 1/4" = 1'-0"



2 A-442 **STAIR 03 FLOOR PLAN - LEVEL 02**
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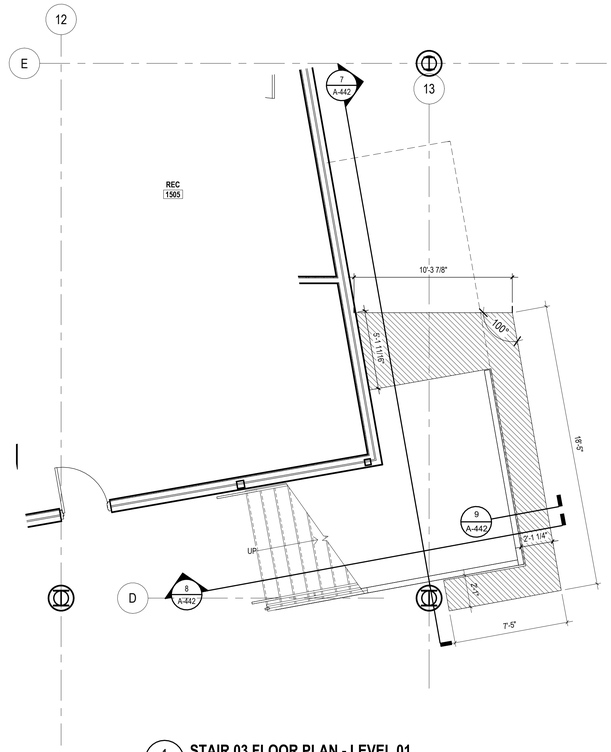

1 A-442 **STAIR 03 FLOOR PLAN - LEVEL 01**
SCALE: 1/4" = 1'-0"

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STAIR #03,#06 DETAILS

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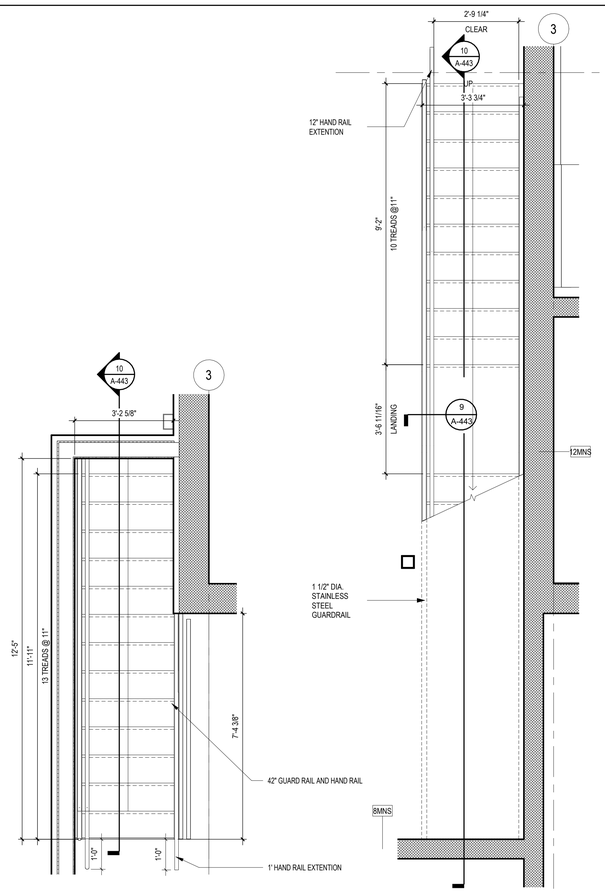

12 A-443 STAIR #08 FLOOR PLAN - LEVEL 02

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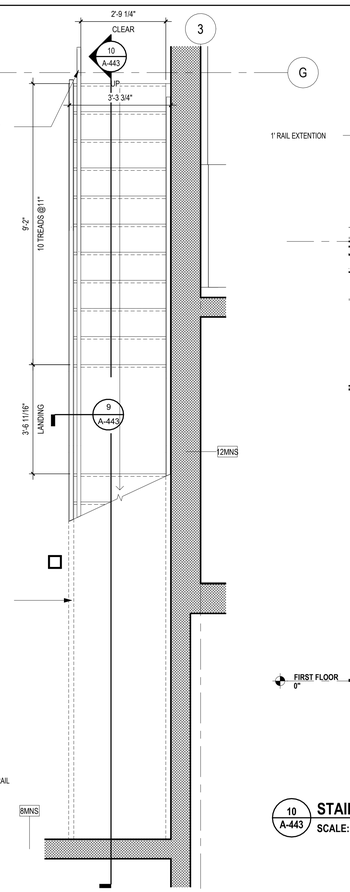

11 A-443 STAIR #08 FLOOR PLAN - LEVEL 01

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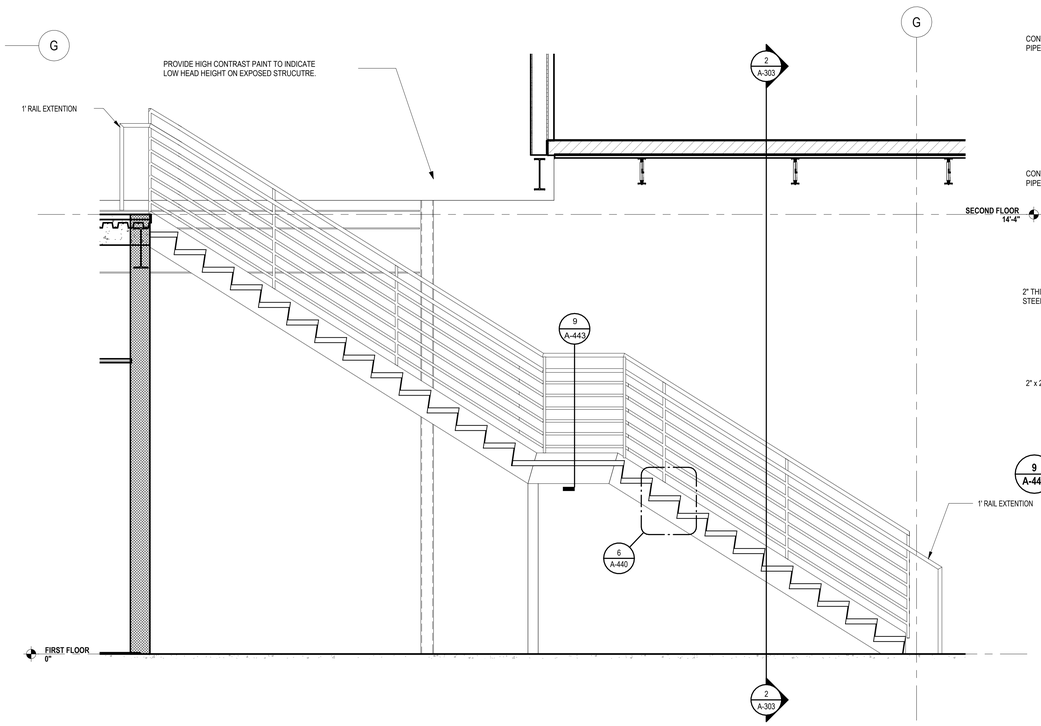

10 A-443 STAIR #08 SECTION -01

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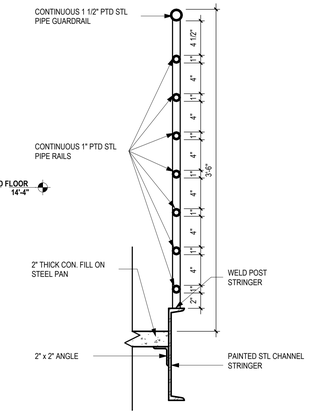

9 A-443 GUARDRAIL DETAIL

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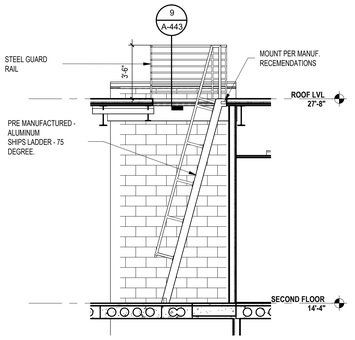

8 A-443 SHIPS LADDER SECTION

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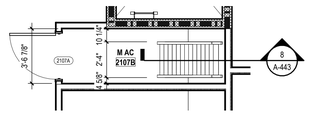

7 A-443 SHIPS LADDER FLOOR PLAN

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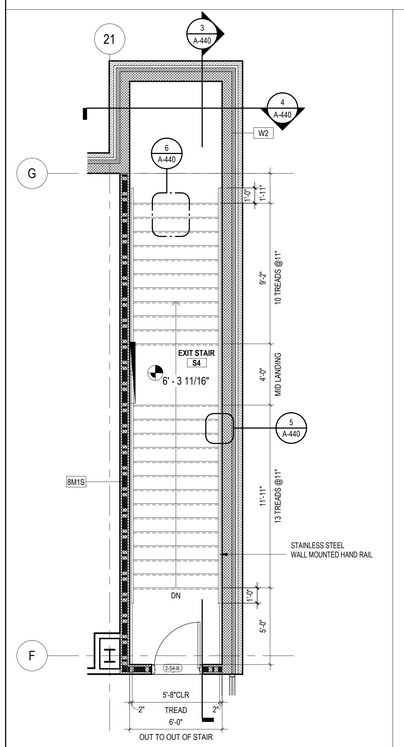
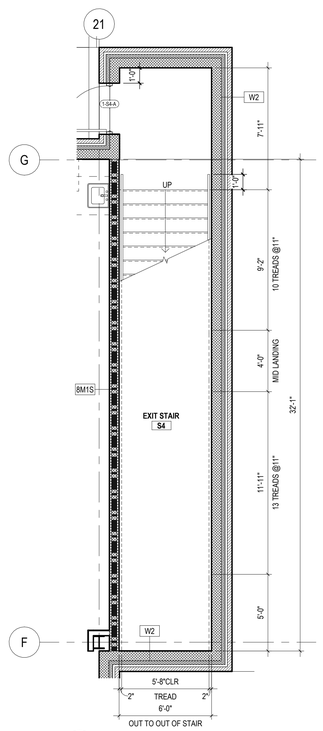


6 A-443 STAIR 04 FLOOR PLAN - LEVEL 02

SCALE: 1/4" = 1'-0"

FOR TYPICAL NOTES REFERENCE STAIR #1 - SHEET A-440



5 A-443 STAIR 04 FLOOR PLAN - LEVEL 01

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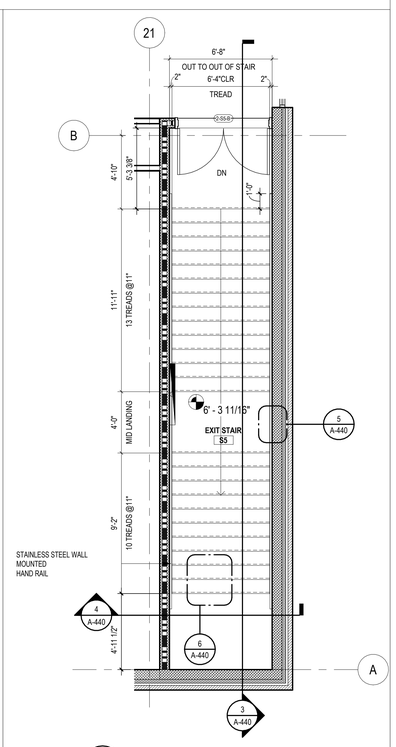
FOR TYPICAL NOTES REFERENCE STAIR #1 - SHEET A-440



4 A-443 STAIR 05 FLOOR PLAN - LEVEL 02

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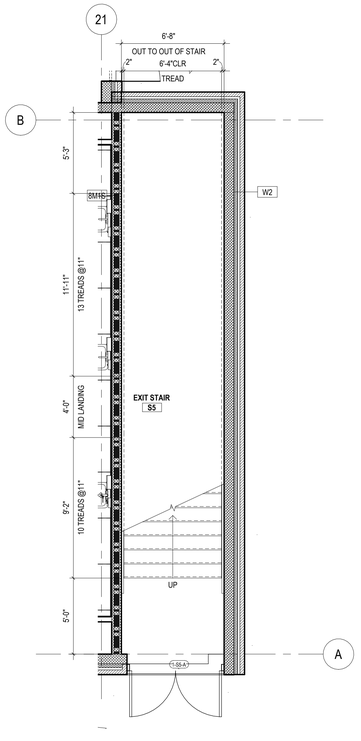
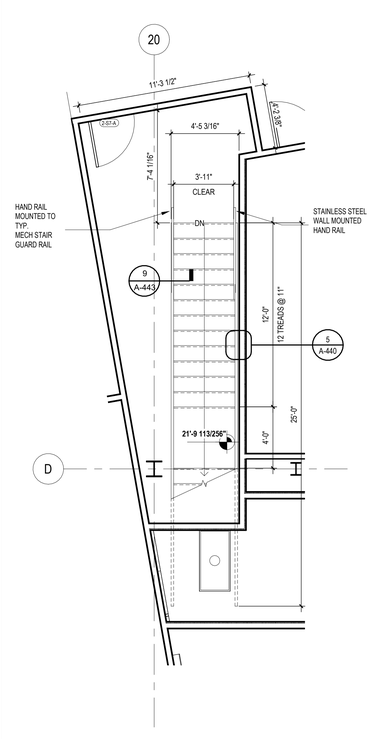
FOR TYPICAL NOTES REFERENCE STAIR #1 - SHEET A-440



3 A-443 STAIR 05 FLOOR PLAN - LEVEL 01

SCALE: 1/4" = 1'-0"

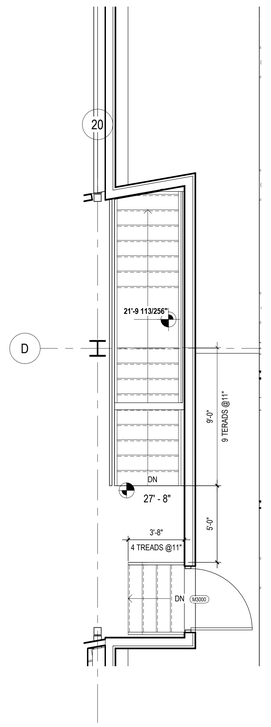
FOR TYPICAL NOTES REFERENCE STAIR #1 - SHEET A-440



2 A-443 STAIR 07 FLOOR PLAN

SCALE: 1/4" = 1'-0"

FOR TYPICAL NOTES REFERENCE STAIR #1 - SHEET A-440



1 A-443 STAIR 07 FLOOR PLAN - MEZZANINE

SCALE: 1/4" = 1'-0"

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ENERGY STAR PARTNER

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PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

STAIR #04,#05,#07,#08, SHIP LADDER DETAILS

A-443

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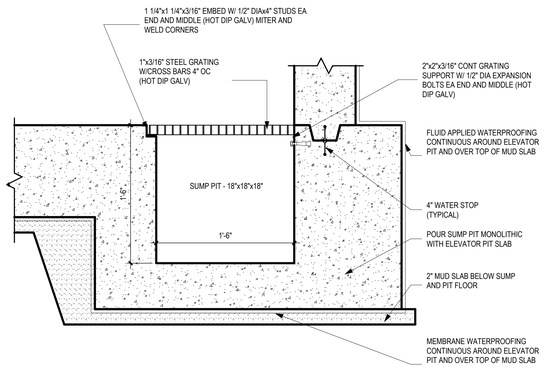
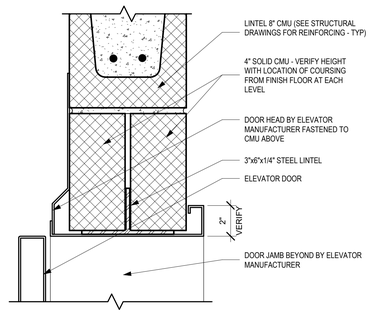
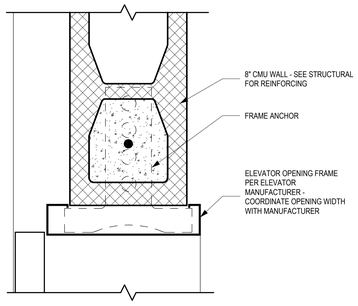


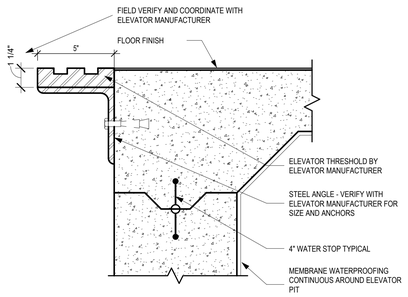
7 A-444 **ELEVATOR PIT SUMP DETAIL**
SCALE: 1 1/2" = 1'-0"



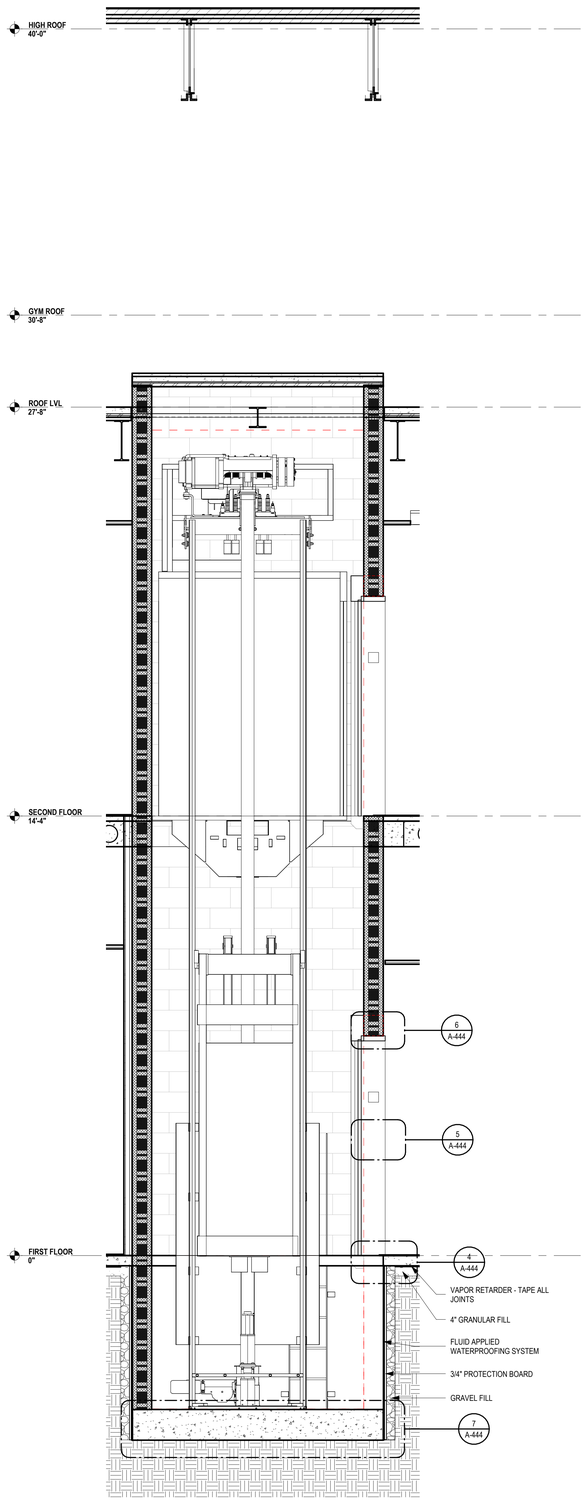
6 A-444 **ELEVATOR DOOR HEAD DETAIL**
SCALE: 3" = 1'-0"



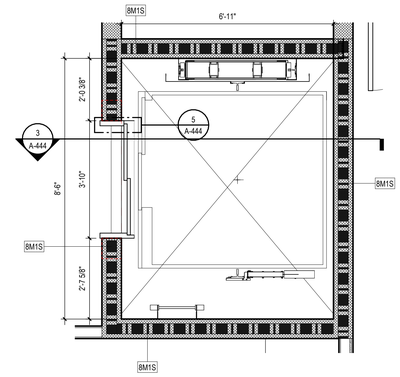
5 A-444 **ELEVATOR DOOR JAMB DETAIL**
SCALE: 3" = 1'-0"



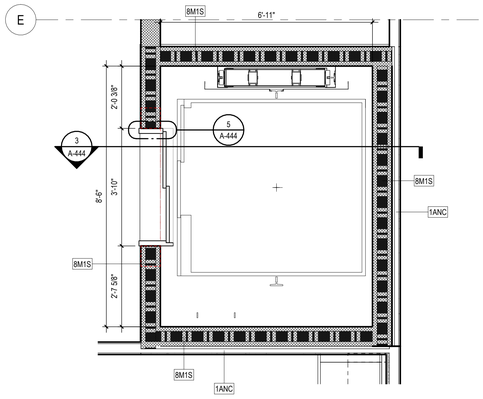
4 A-444 **ELEVATOR DOOR SILL DETAIL**
SCALE: 3" = 1'-0"



3 A-444 **ELEVATOR - SECTION 01**
SCALE: 1/2" = 1'-0"



2 A-444 **ENLARGED SECOND FLOOR ELEVATOR PLAN**
SCALE: 1/2" = 1'-0"



1 A-444 **ENLARGED FIRST FLOOR ELEVATOR PLAN**
SCALE: 1/2" = 1'-0"

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ELEVATOR DETAILS

A-444

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PROFESSIONAL ENGINEER SEAL 047111 6.12.24 REGISTERED ENGINEER NORTH CAROLINA FAYETTEVILLE

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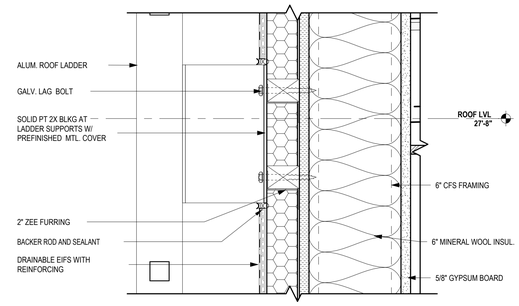
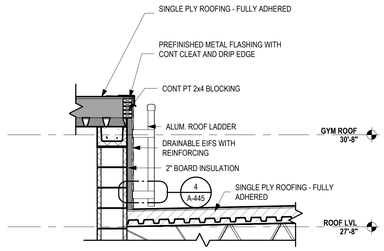
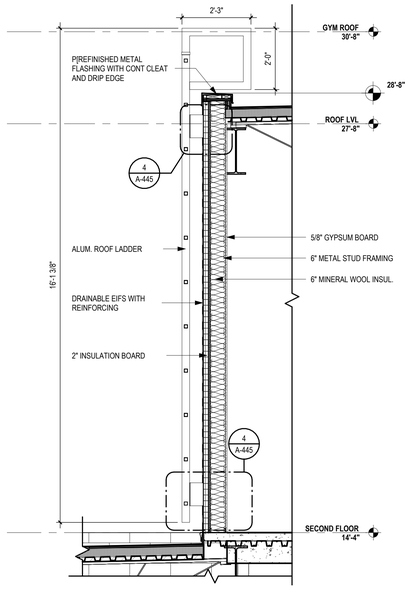


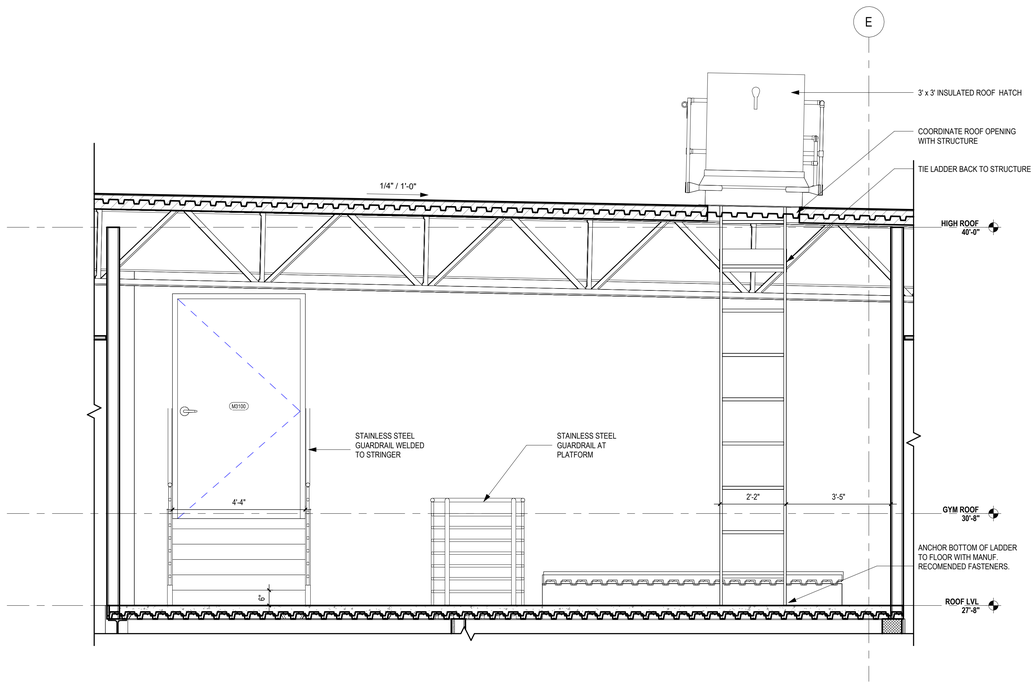
4 A-445 **DETAIL-ROOF LADDER @ EFIS**
SCALE: 3" = 1'-0"



3 A-445 **ROOF LADDER - GYMS**
SCALE: 1/2" = 1'-0"



2 A-445 **WALL SECTION - ROOF LADDER-OUTSIDE MECH. PENTHOUSE - M2300**
SCALE: 1/2" = 1'-0"



1 A-445 **WALL SECTION - ROOF LADDER - MECH. LOFT - M3100**
SCALE: 1/2" = 1'-0"

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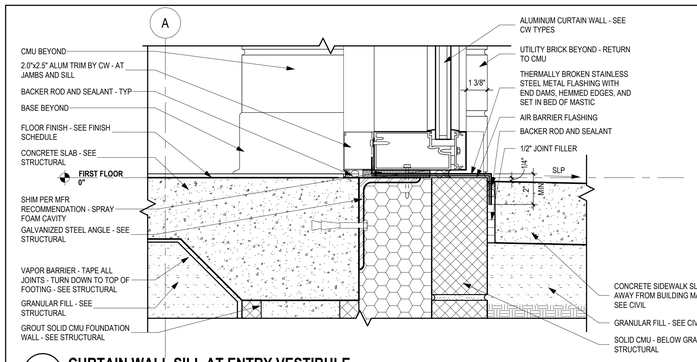
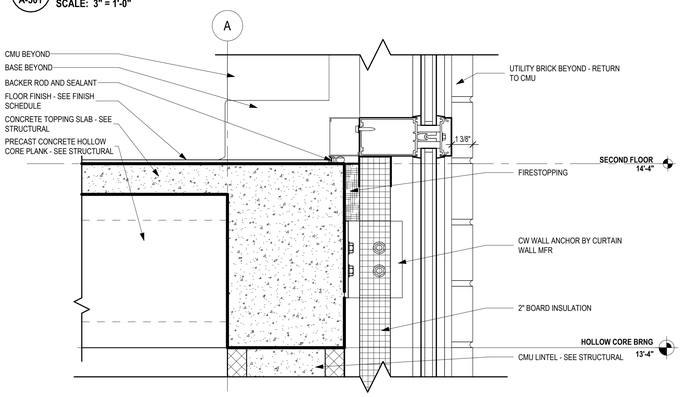
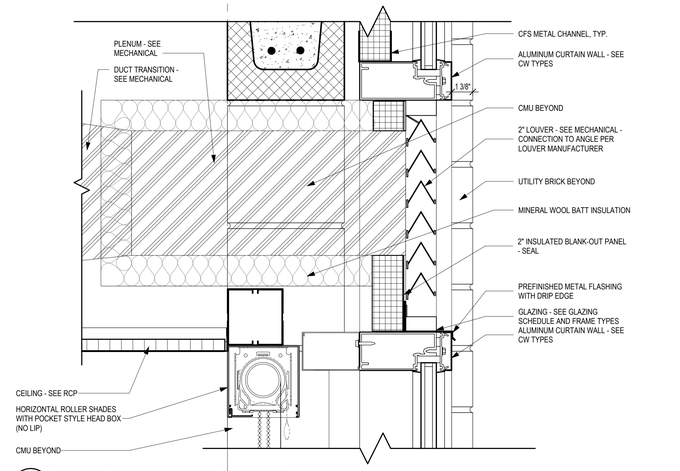


10 A-501 **CURTAIN WALL SILL AT ENTRY VESTIBULE**

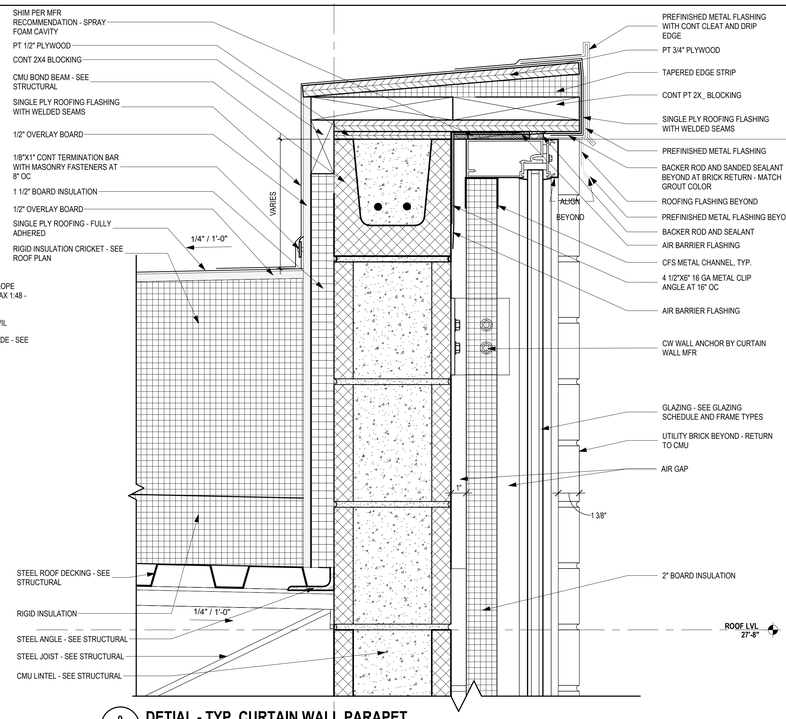
SCALE: 3" = 1'-0"





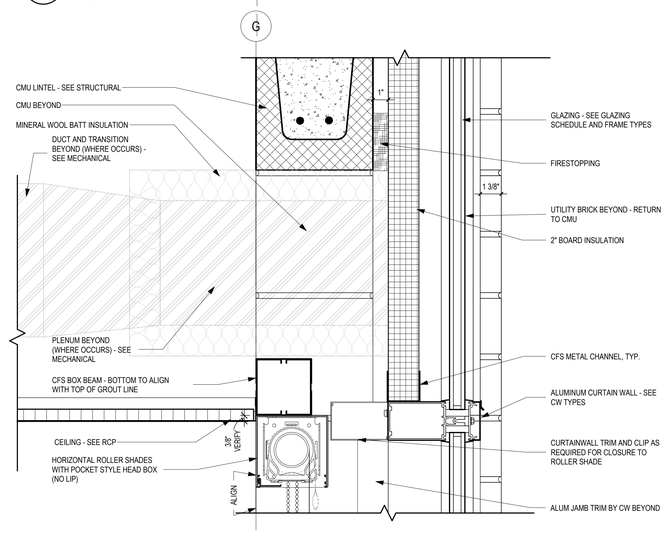
6 A-501 **DETAIL - CURTAIN WALL @ FLOOR**

SCALE: 3" = 1'-0"



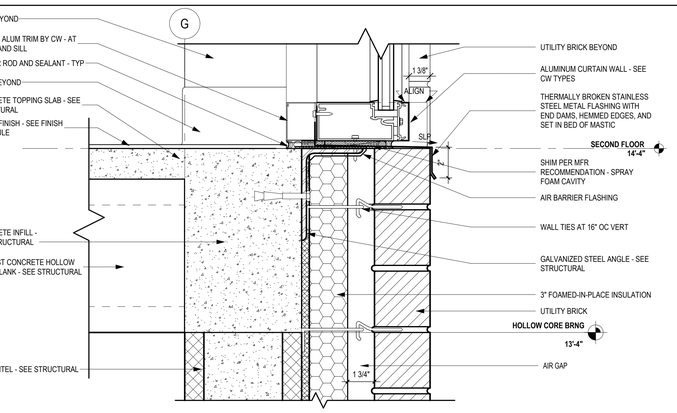
9 A-501 **DETIAL - TYP. CURTAIN WALL PARAPET**

SCALE: 3" = 1'-0"



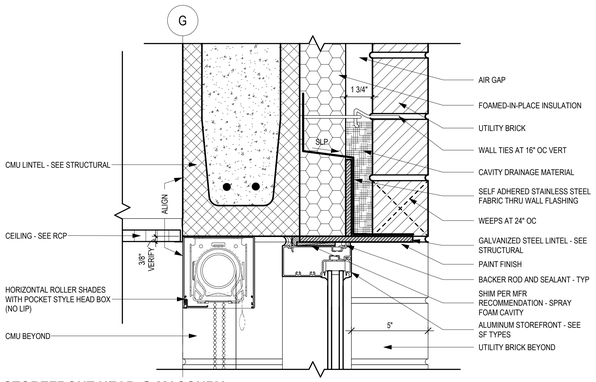
5 A-501 **DETAIL - TYP. 2ND FLOOR CUTAIN WALL MULLION @ CMU DETAIL**

SCALE: 3" = 1'-0"



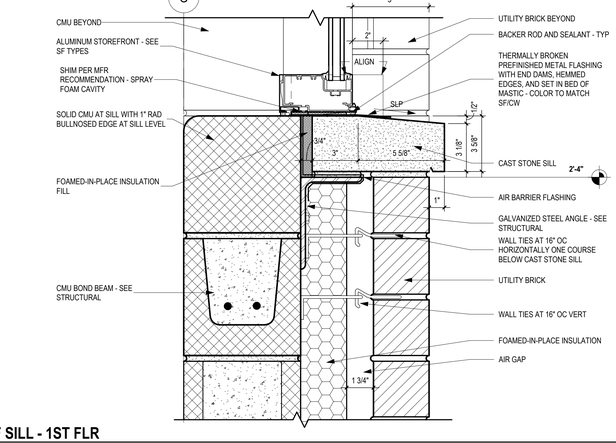
8 A-501 **DETAIL - TYP. 2ND FLOOR CURTAIN WALL - NORTH SIDE**

SCALE: 3" = 1'-0"



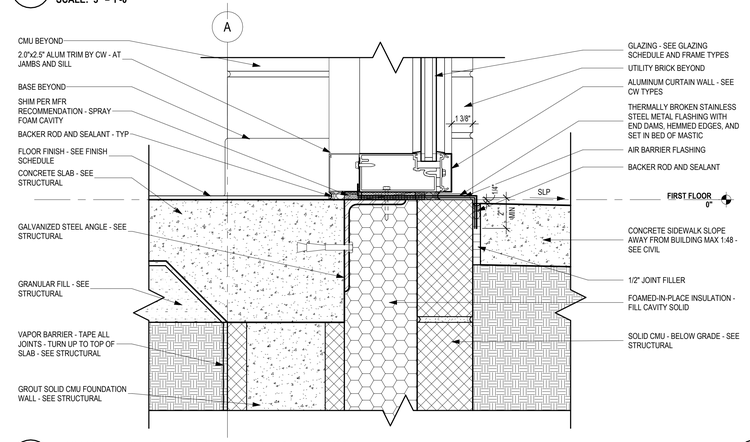
7 A-501 **DETAIL - TYP. STOREFRONT HEAD @ MASONRY**

SCALE: 3" = 1'-0"



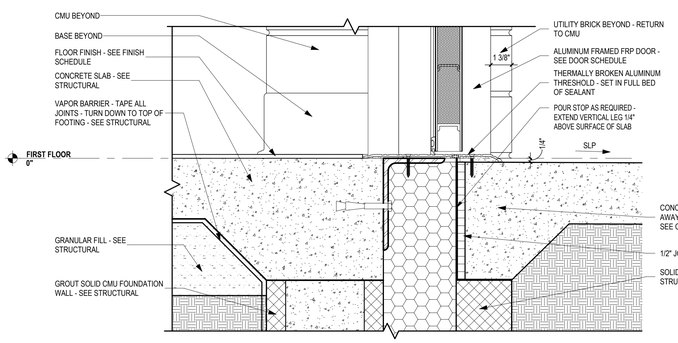
4 A-501 **DETAIL AT SF SILL - 1ST FLR**

SCALE: 3" = 1'-0"



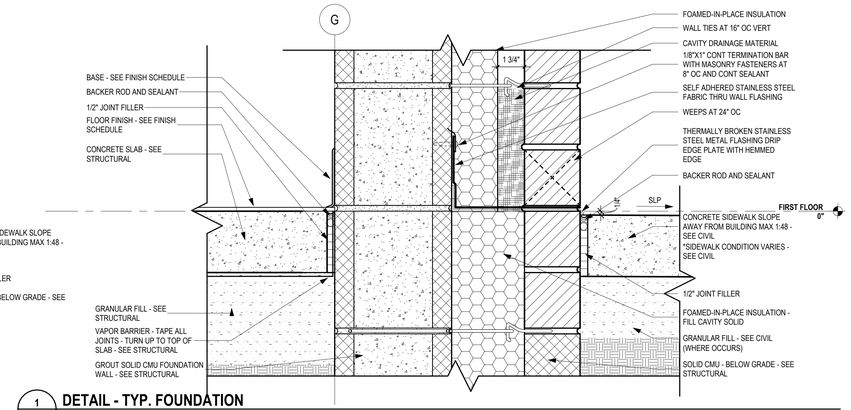
3 A-501 **DETAIL - TYP. CURTAIN WALL @ FOUNDATION**

SCALE: 3" = 1'-0"



2 A-501 **THREHOLD AT ENTRY VESTIBULE**

SCALE: 3" = 1'-0"



1 A-501 **DETAIL - TYP. FOUNDATION**

SCALE: 3" = 1'-0"

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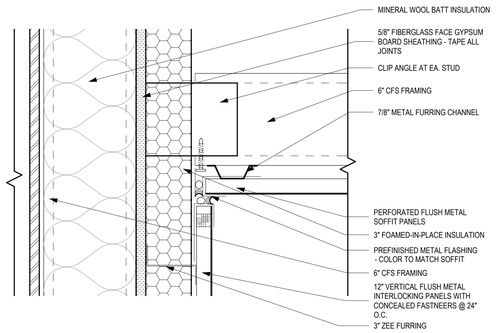
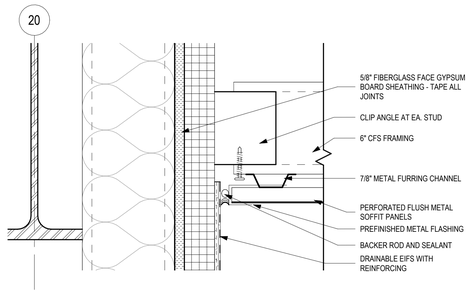


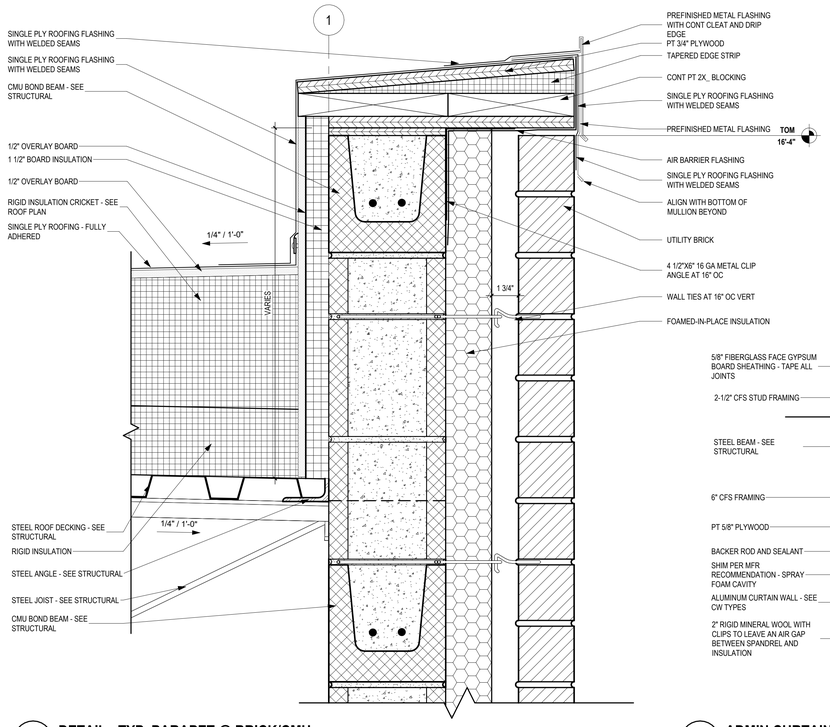
12 / A-502 DETAIL - TPY. MTL PANEL SOFFIT TO MWP

SCALE: 3" = 1'-0"



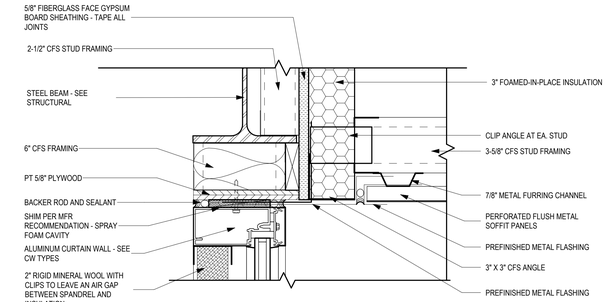
11 / A-502 DETAIL- TYP. MTL. SOFFIT TO EFIS ON MTL STUD

SCALE: 3" = 1'-0"



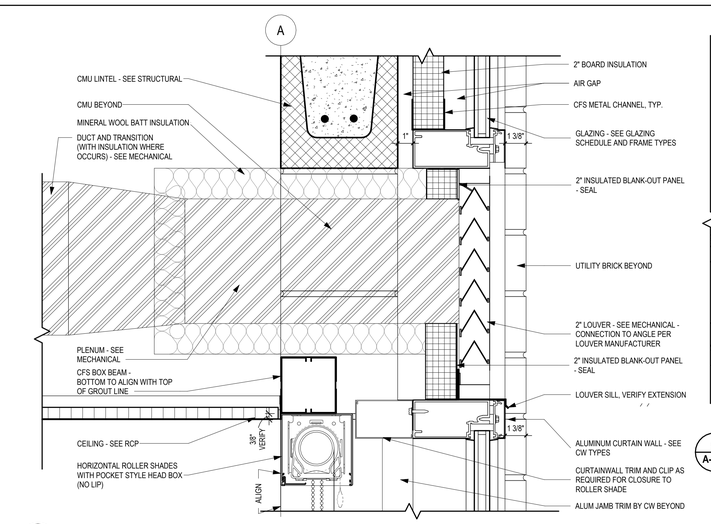
8 / A-502 DETAIL - TYP. PARAPET @ BRICK/CMU

SCALE: 3" = 1'-0"



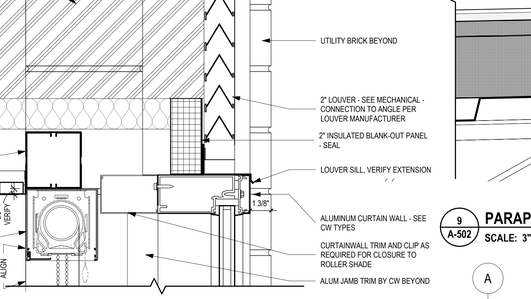
13 / A-502 ADMIN CURTAIN WALL AT SOFFIT

SCALE: 3" = 1'-0"



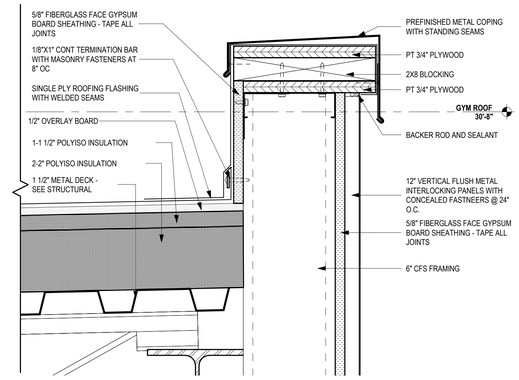
10 / A-502 DETAIL - TYP. 2ND FLOOR CUTAIN WALL LOUVER @ CMU DETAIL

SCALE: 3" = 1'-0"



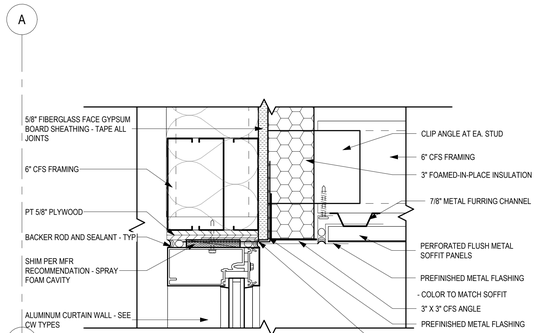
7 / A-502 TYP. STOREFRONT DOOR IN CMU (HEAD)

SCALE: 3" = 1'-0"



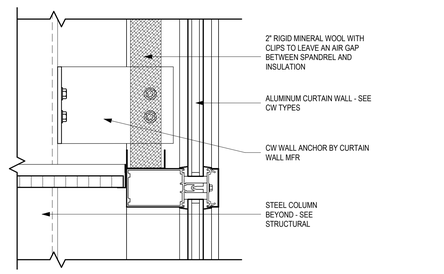
9 / A-502 PARAPET AT VESTIBULE SOFFIT

SCALE: 3" = 1'-0"



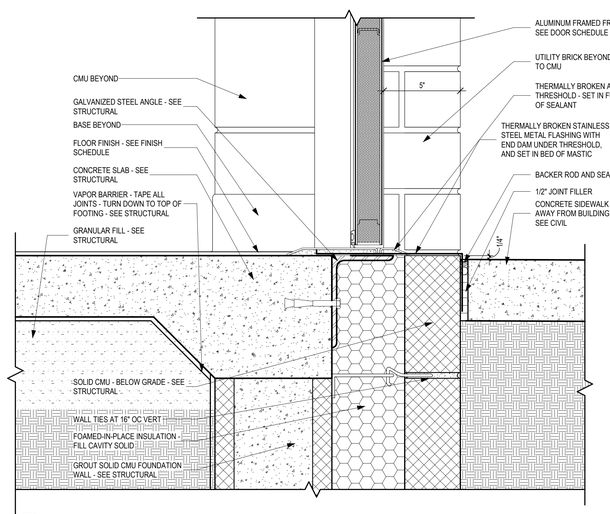
6 / A-502 VESTIBULE CURTAIN WALL AT SOFFIT

SCALE: 3" = 1'-0"



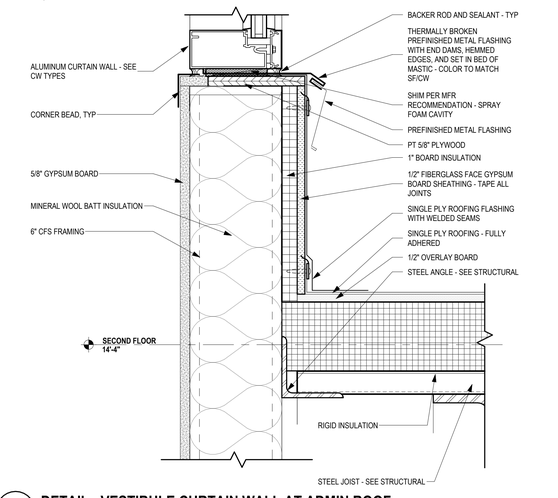
5 / A-502 VESTIBULE CURTAIN WALL @ ACP

SCALE: 3" = 1'-0"



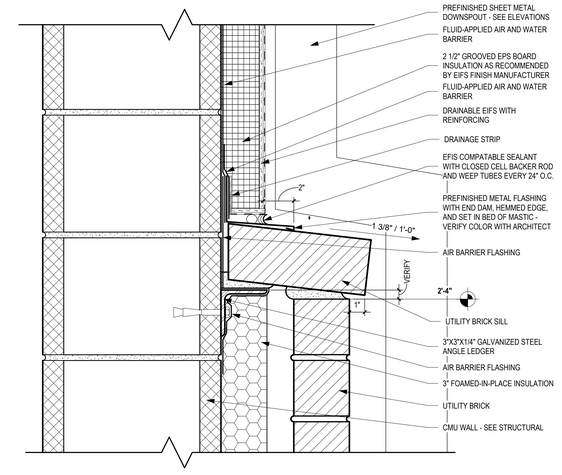
2 / A-502 TYP. STOREFRONT THRESHOLD IN CMU (SILL)

SCALE: 3" = 1'-0"



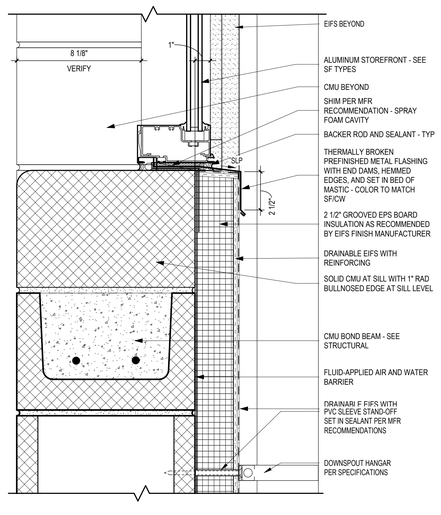
1 / A-502 DETAIL - VESTIBULE CURTAIN WALL AT ADMIN ROOF

SCALE: 3" = 1'-0"



4 / A-502 DETAIL - BRICK W/ CAST STONE SILL TO EIFS

SCALE: 3" = 1'-0"



3 / A-502 DETAIL - TYP. GYM SF SILL @ CMU WALL W/ EFIS

SCALE: 3" = 1'-0"

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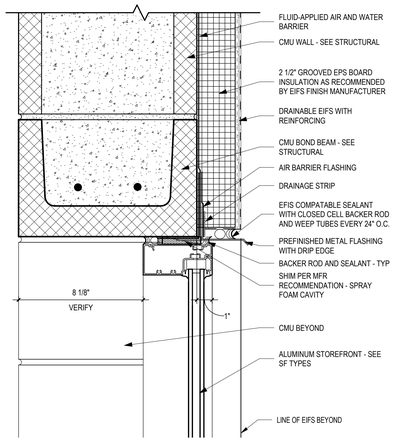
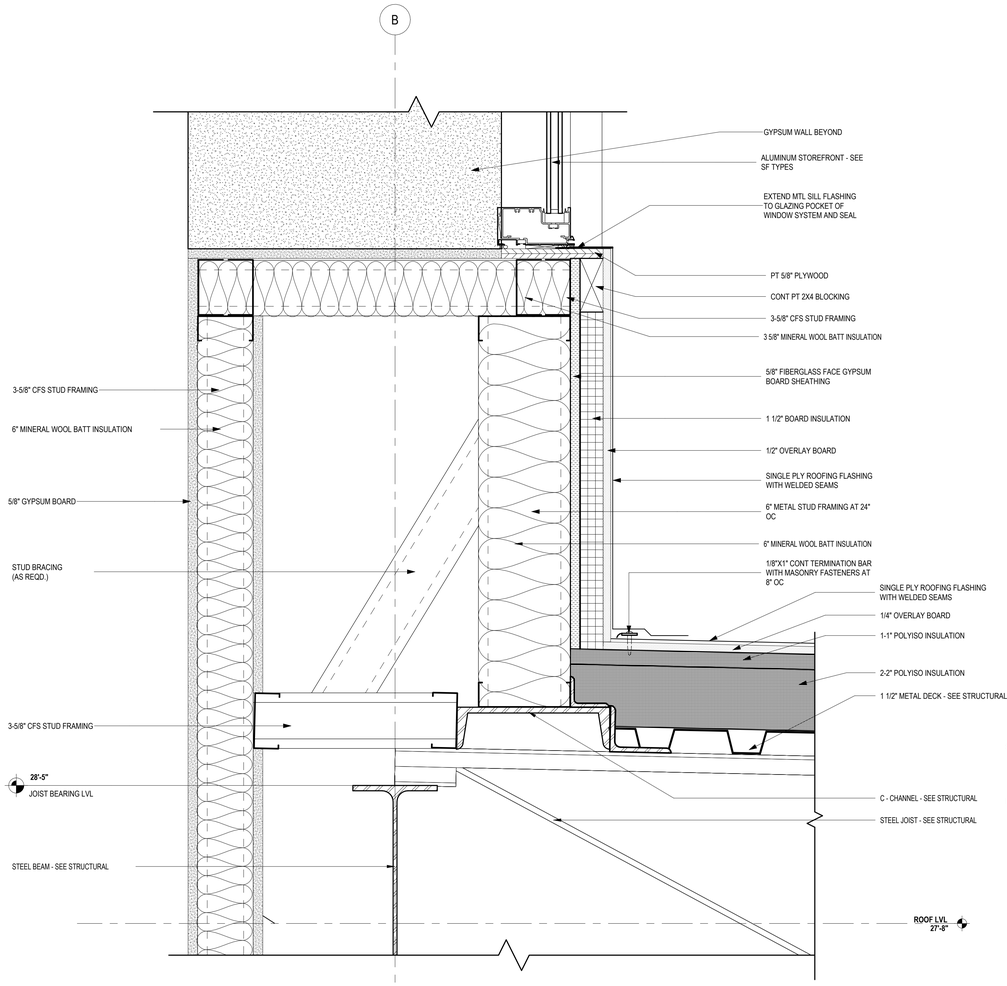
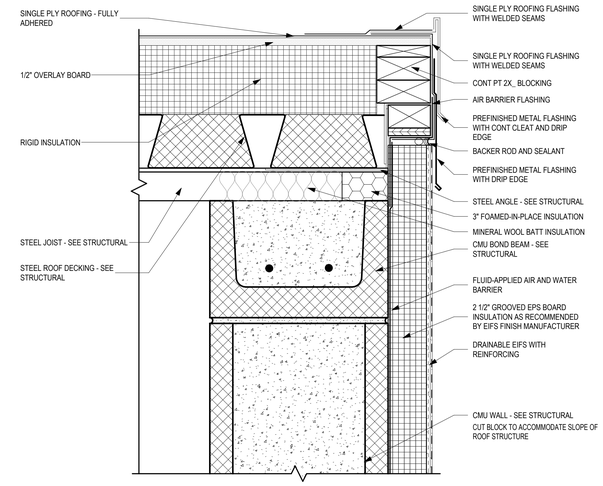


6 A-503 **STOREFRONT HEAD @ MS GYM**
SCALE: 3" = 1'-0"



5 A-503 **DETAIL- CLERESTORY WINDOW SILL TO ROOF**
SCALE: 3" = 1'-0"



7 A-503 **RAKE AT EIFS**
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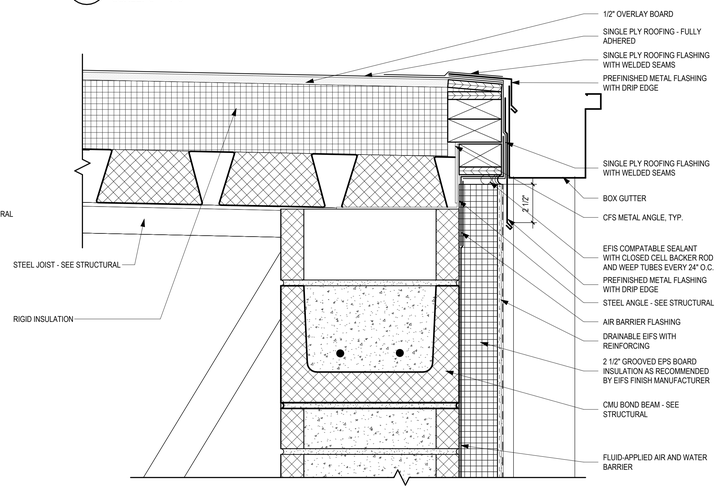

4 A-503 **DETAIL - GYM ROOF W/ GUTTER**
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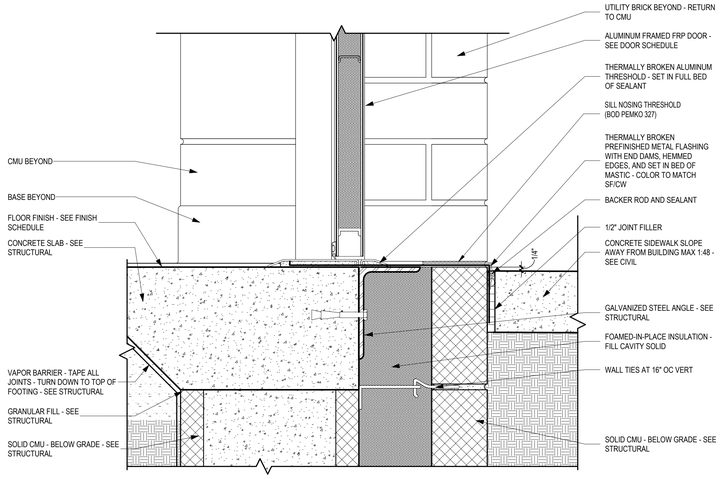

3 A-503 **STOREFRONT THRESHOLD @ MS GYM**
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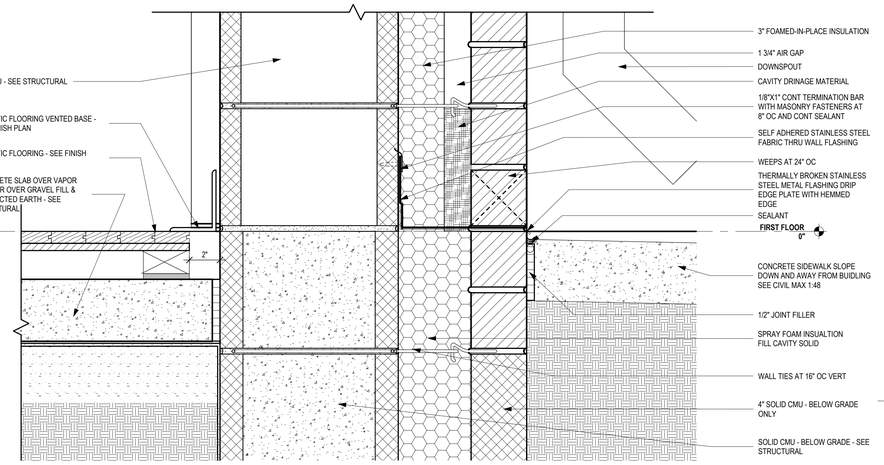
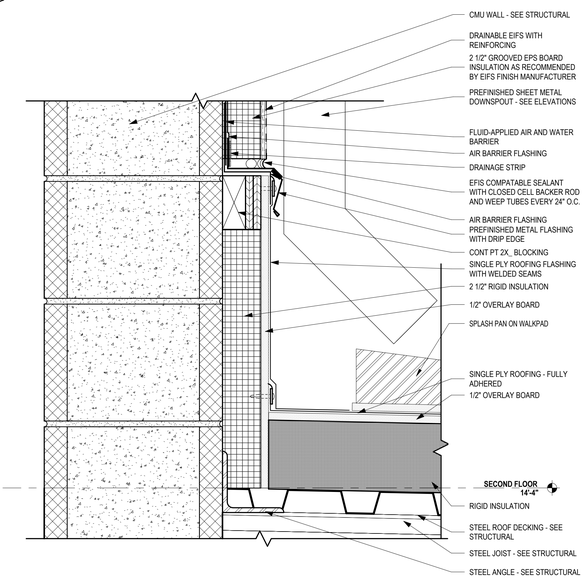


2 A-503 **DETAIL - HS GYM FLOOR @ EXT. MASONRY WALL**
SCALE: 3" = 1'-0"



1 A-503 **DETAIL - GUTTER AT CMU WALL TO ROOF**
SCALE: 3" = 1'-0"

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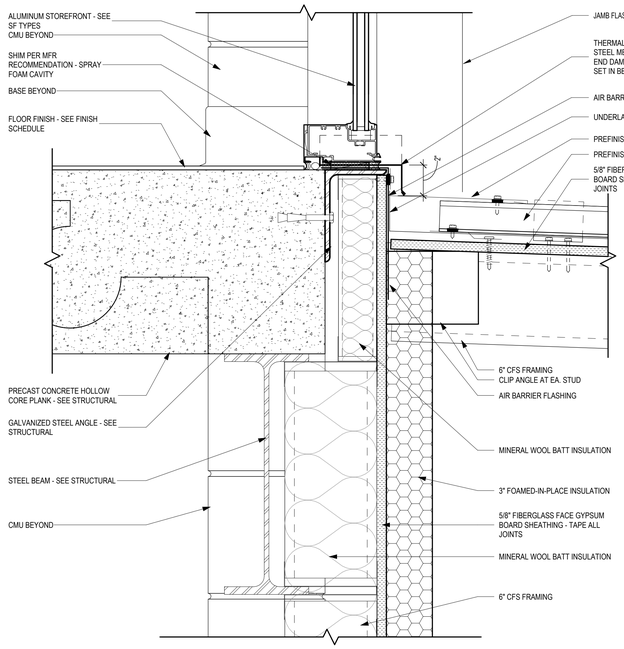

12 A-504 STOREFRONT "BOX FRAME" - ROOF TO WALL PANEL DRIP

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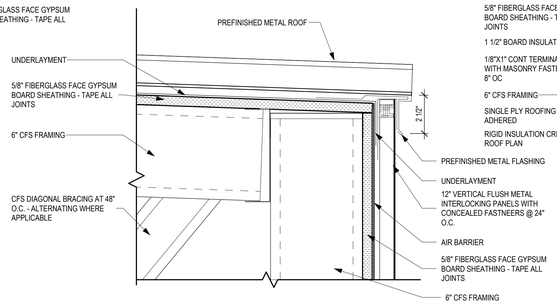
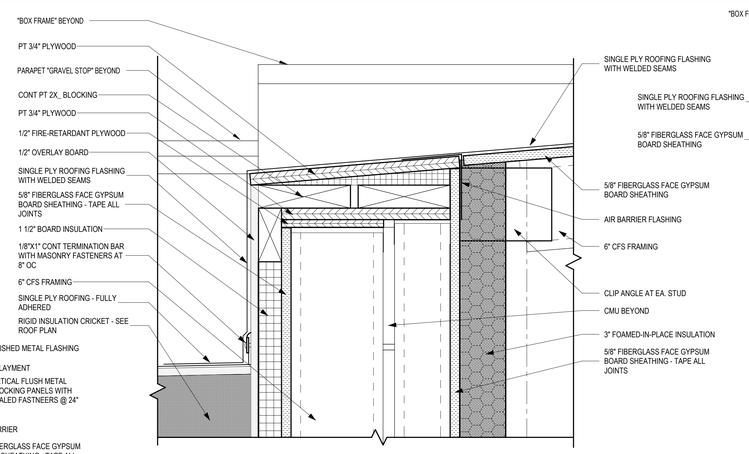
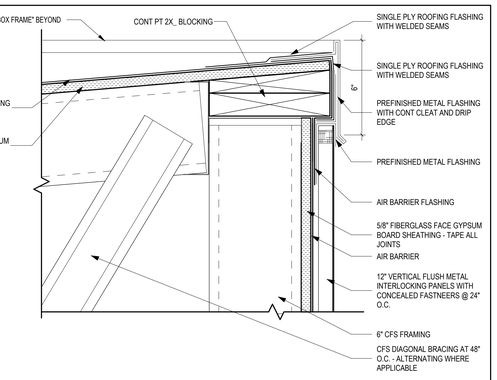




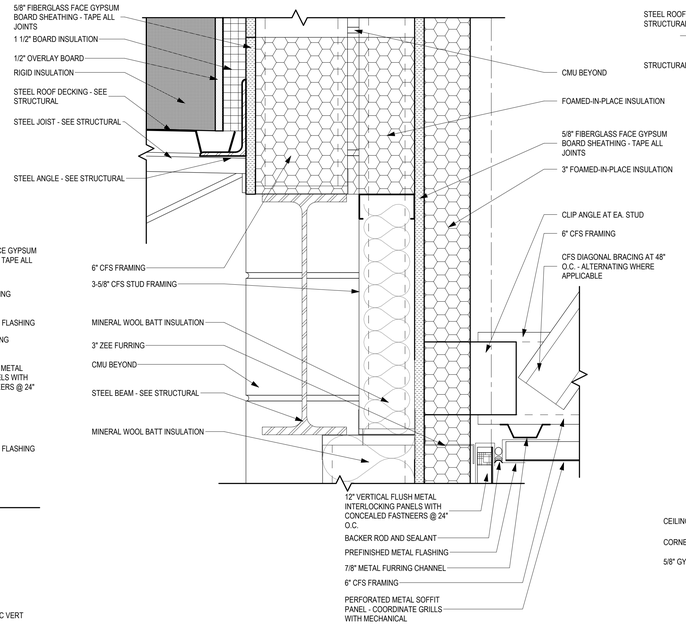


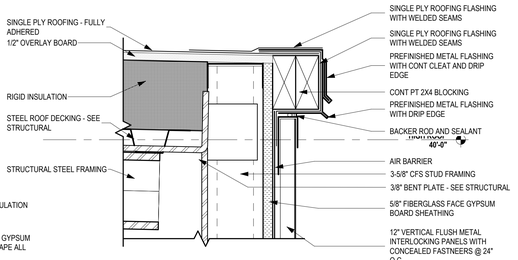
10 A-504 STOREFRONT "BOX FRAME" - ROOF TO WALL PANEL RIDGE

SCALE: 3" = 1'-0"

11 A-504 STOREFRONT "BOX FRAME" - PARAPET TO FRAME ROOF @ CFS

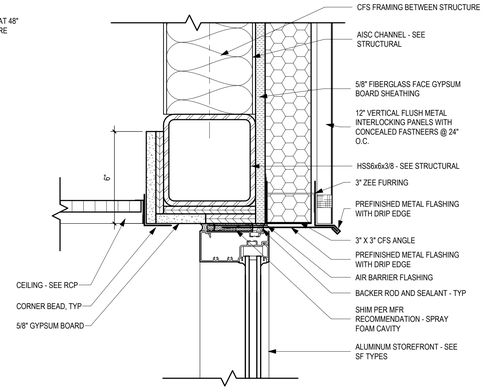
SCALE: 3" = 1'-0"





9 A-504 DRIP EDGE AT COMMONS MONITOR

SCALE: 3" = 1'-0"



13 A-504 STOREFRONT "BOX FRAME" - SILL TO ROOF

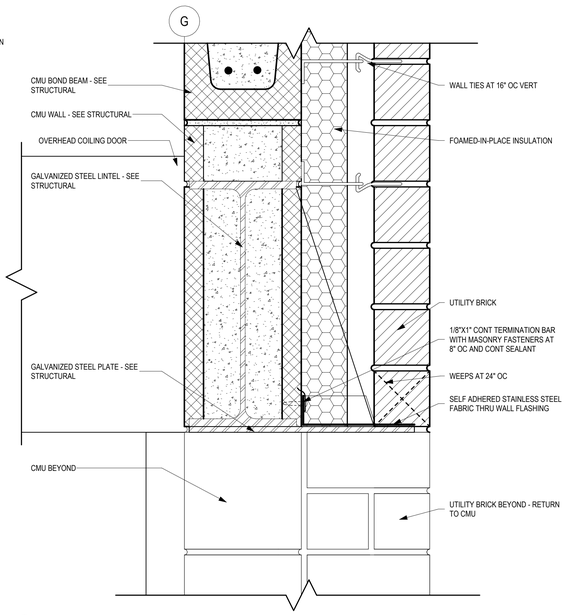
SCALE: 3" = 1'-0"

8 A-504 STOREFRONT "BOX FRAME" - HEAD TO SOFFIT

SCALE: 3" = 1'-0"

7 A-504 FLUSH METAL PANEL TO VENTED SOFFIT

SCALE: 3" = 1'-0"

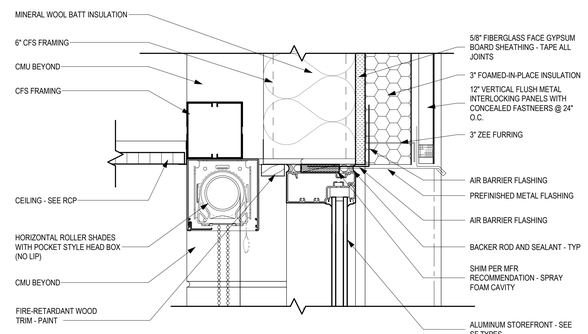


3 A-504 OVERHEAD COILING DOOR HEAD

SCALE: 3" = 1'-0"

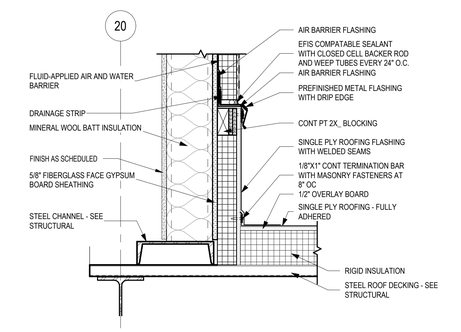
6 A-504 STOREFRONT "BOX FRAME" - SOFFIT TO WALL

SCALE: 3" = 1'-0"



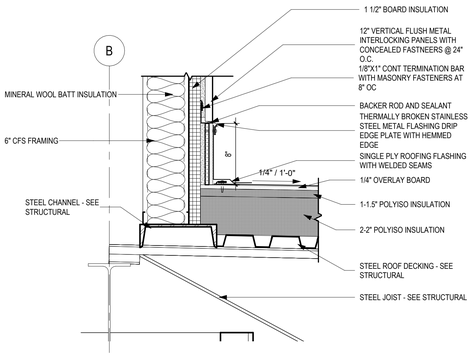
2 A-504 STOREFRONT "BOX FRAME" - HEAD TO WALL PANEL

SCALE: 3" = 1'-0"



5 A-504 STOREFRONT HEAD AT COMMONS MONITOR

SCALE: 3" = 1'-0"



4 A-504 DETAIL - TYP. CLERESTORY MTL WALL END ON ROOF TOP

SCALE: 1 1/2" = 1'-0"

1 A-504 DETAIL - TYP. EIFS ON MTL STUD @ ROOF

SCALE: 1 1/2" = 1'-0"

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EXTERIOR DETAILS

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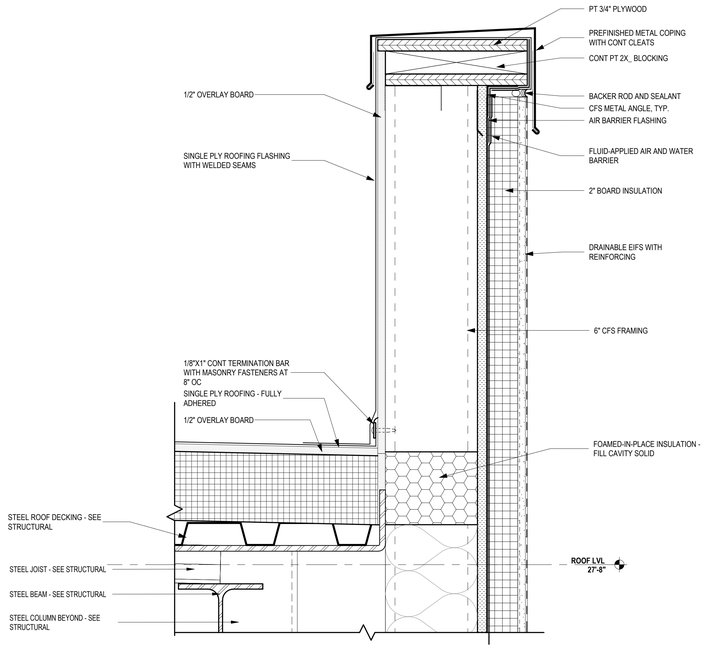
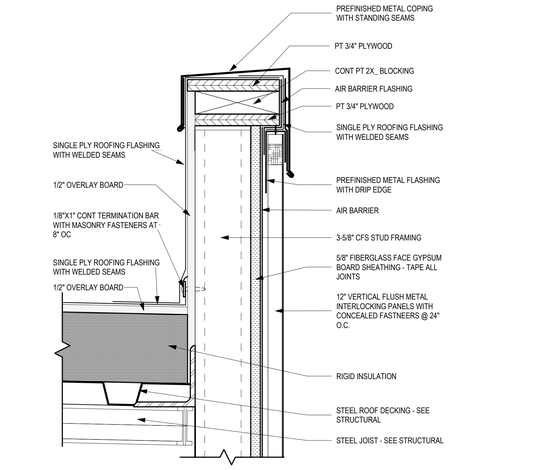


6 A-505 **DETAIL - TYP. EFIS PARAPET/ROOF**
SCALE: 3" = 1'-0"



7 A-505 **DETAIL - TYP. ADMIN ROOF PARAPET**
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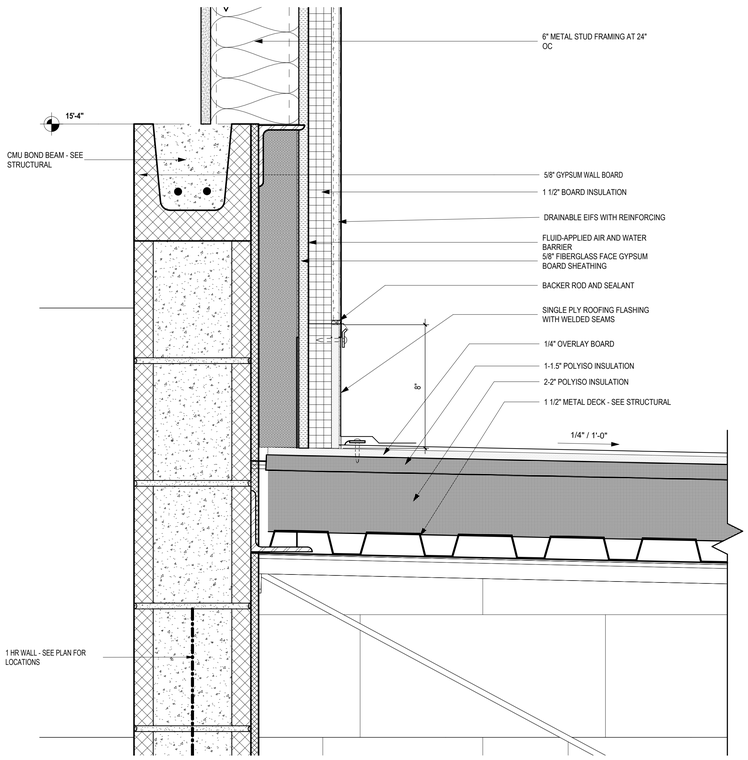
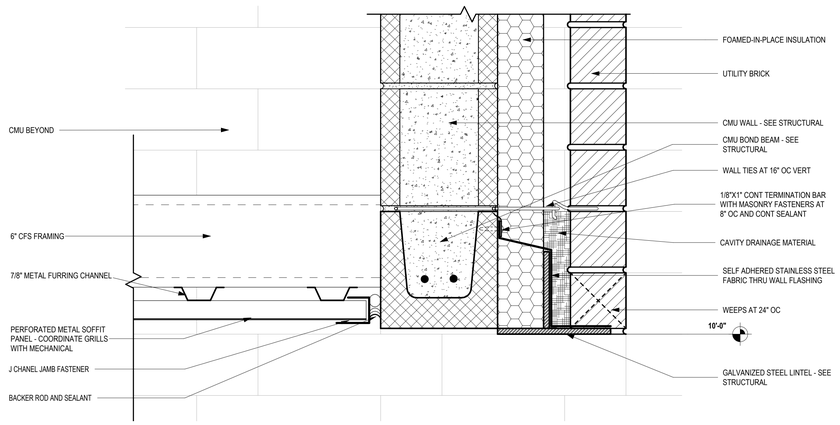
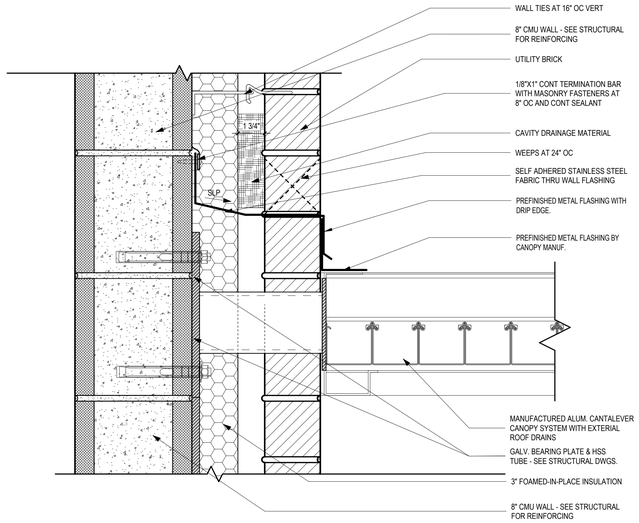


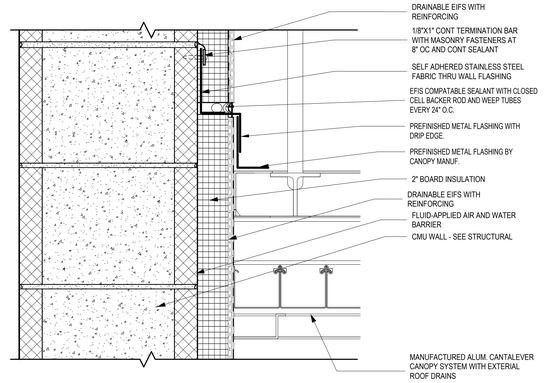
3 A-505 **DETAIL - TYP. STUD WALL ON CMU AT ROOF - 1HR RATED**
SCALE: 3" = 1'-0"



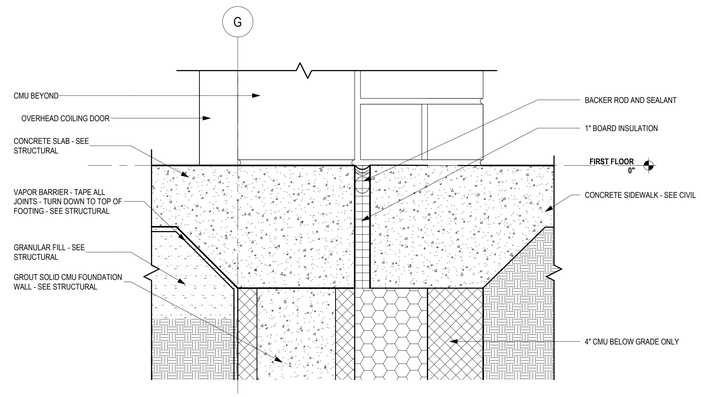
5 A-505 **DETAIL - TYP. EXTERIOR ENTRY ALCOVE**
SCALE: 3" = 1'-0"



2 A-505 **DETAIL - MANUF. CANOPY @ MASONRY**
SCALE: 3" = 1'-0"



4 A-505 **DETAIL - MANUF. CANOPY SIDE**
SCALE: 3" = 1'-0"



1 A-505 **DETAIL - OVERHEAD DOOR OPENING AT FLOOR**
SCALE: 3" = 1'-0"

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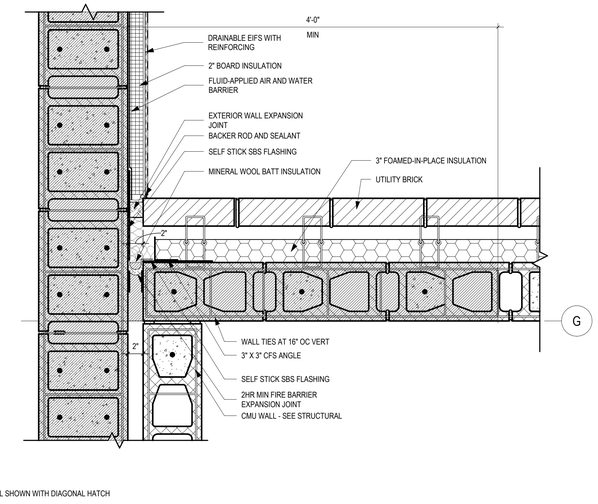
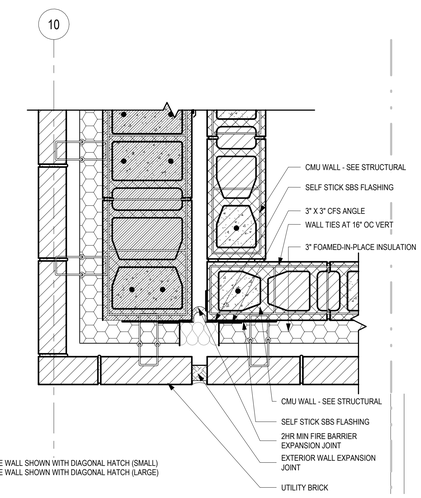


*2HR FIRE WALL SHOWN WITH DIAGONAL HATCH

6 A-506 FIRE BARRIER EXTERIOR EXPANSION JOINT - PLAN DETAIL

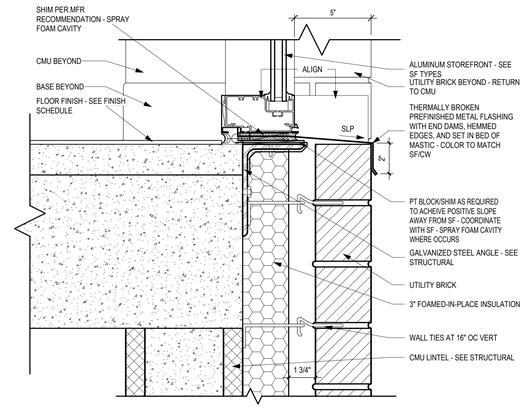
SCALE: 1 1/2" = 1'-0"



*2HR FIRE WALL SHOWN WITH DIAGONAL HATCH (SMALL)
*1HR FIRE WALL SHOWN WITH DIAGONAL HATCH (LARGE)

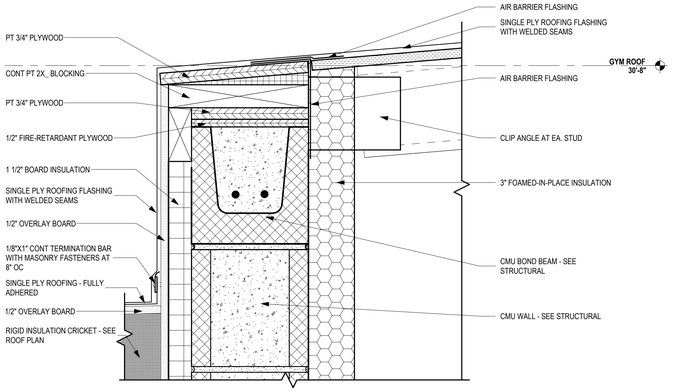
3 A-506 EXPANSION JOINT NORTH STAIR - PLAN DETAIL

SCALE: 1 1/2" = 1'-0"



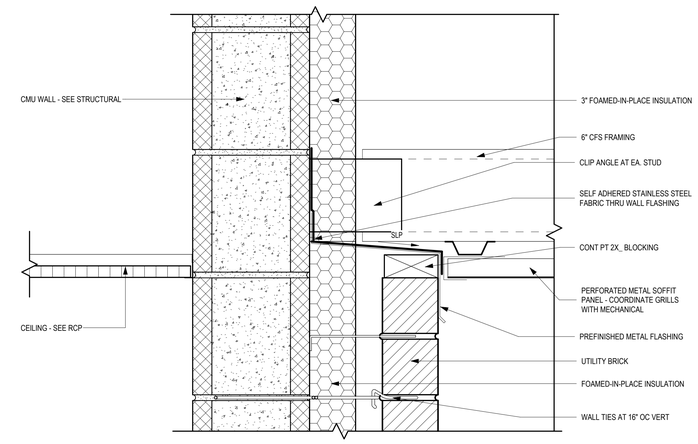
9 A-506 STOREFRONT SILL DETAIL @ WEST

SCALE: 3" = 1'-0"



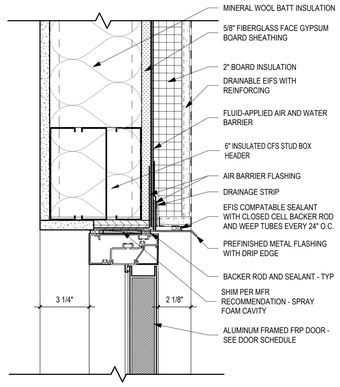
5 A-506 STOREFRONT "BOX FRAME" - PARAPET TO FRAME ROOF @ CMU

SCALE: 3" = 1'-0"



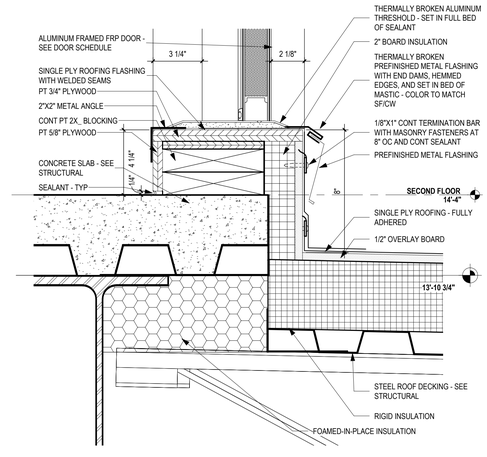
2 A-506 STOREFRONT "BOX FRAME" - BRICK TO SOFFIT

SCALE: 3" = 1'-0"



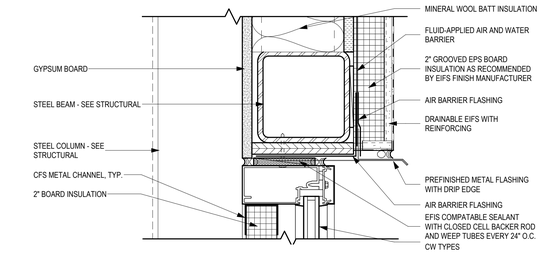
8 A-506 DOOR HEAD DETAIL AT MECH. MEZZANINE

SCALE: 3" = 1'-0"



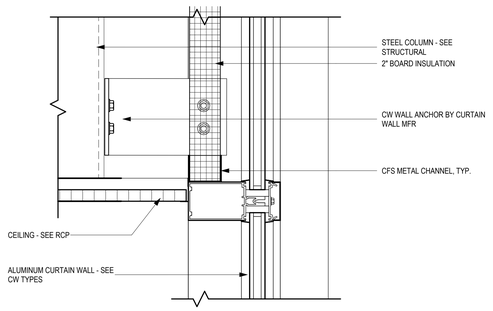
7 A-506 DETAIL - TYP. MECH. ROOM DOOR TO ROOF

SCALE: 3" = 1'-0"



4 A-506 CURTAIN WALL HEAD DETAIL @ LOBBY

SCALE: 3" = 1'-0"



1 A-506 CEILING TO CURTAINWALL

SCALE: 3" = 1'-0"

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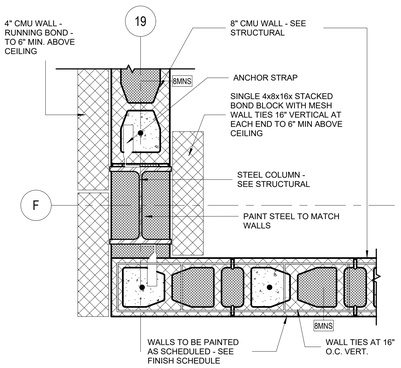

9 A-510 **PLAN DTL. - COL. F19 - LVL. 01**
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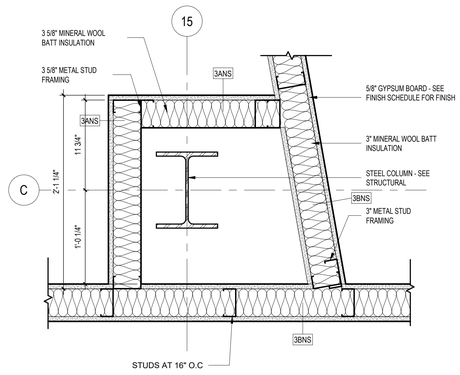

8 A-510 **PLAN DTL. - COL. C15 - LVL. 01**
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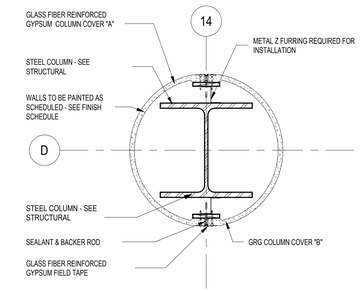

7 A-510 **PLAN DTL - TYP. GRG COLUMN COVER**
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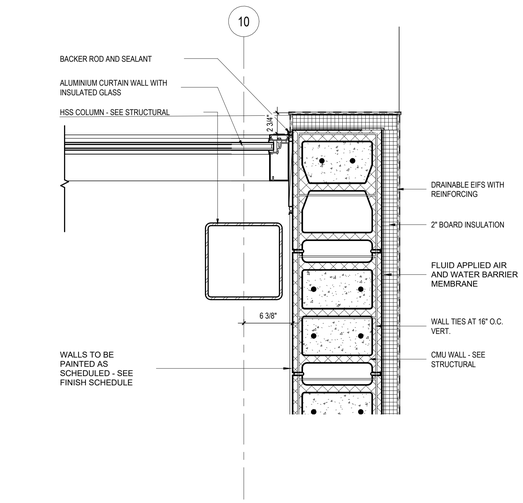
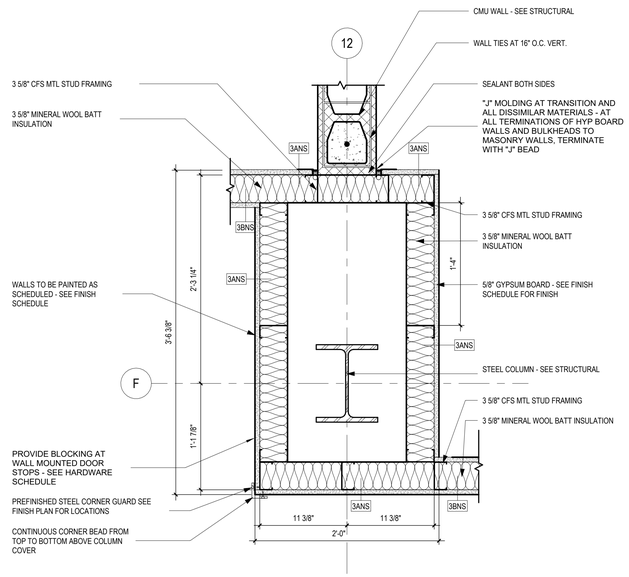


6 A-510 **PLAN DTL. - COL. G10 - LVL. 01**
SCALE: 1 1/2" = 1'-0"



5 A-510 **PLAN DTL. - COL. F12 - LVL. 01**
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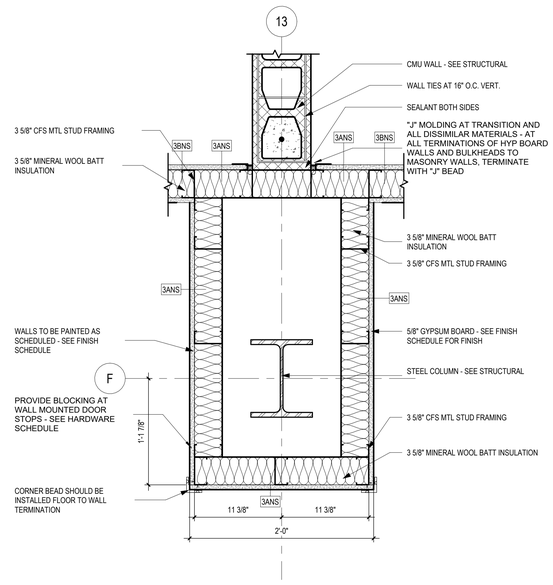

4 A-510 **PLAN DTL. - COL. F13 - LVL. 01**
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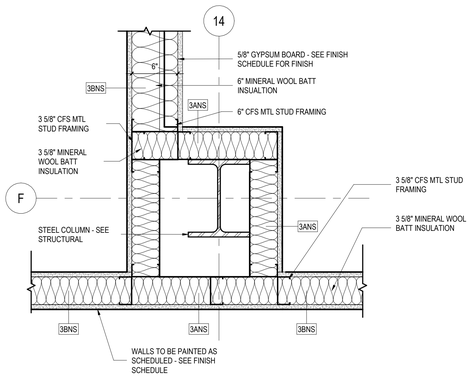

3 A-510 **PLAN DTL. - COL. F14 - LVL. 01**
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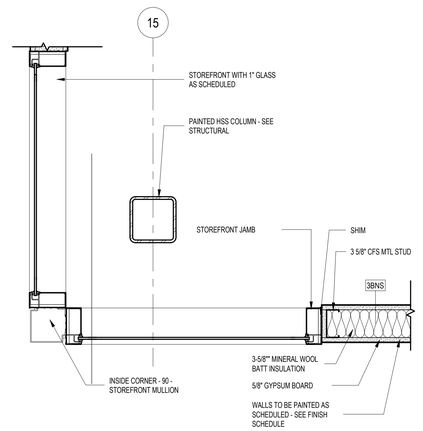
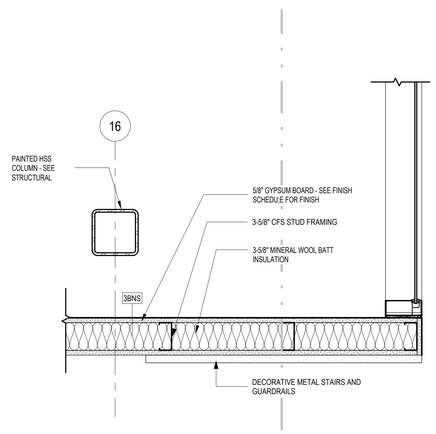


2 A-510 **PLAN DTL. - COL. MEDIA OFC - LVL. 01**
SCALE: 1 1/2" = 1'-0"



1 A-510 **PLAN DTL. - COL. MEDIA RCRM - LVL. 01**
SCALE: 1 1/2" = 1'-0"

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PLAN DETAILS

A-510

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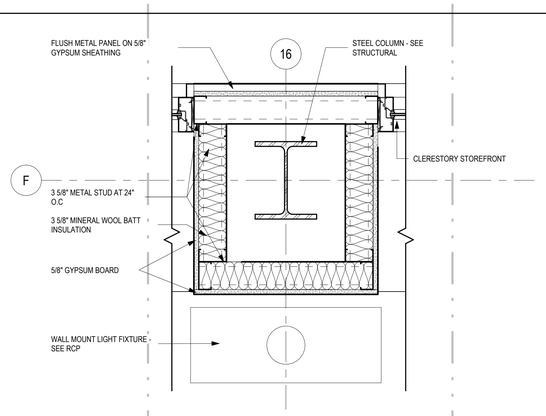

10 A-511 **PLAN DTL. - COL. F16 - CLERESTORY**
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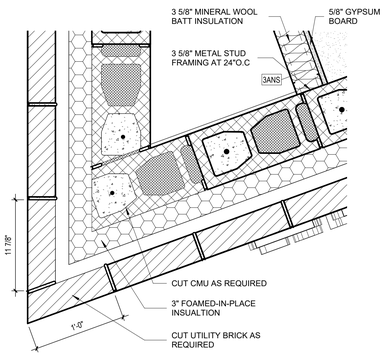

9 A-511 **PLAN DTL. - ADMIN - LVL. 01**
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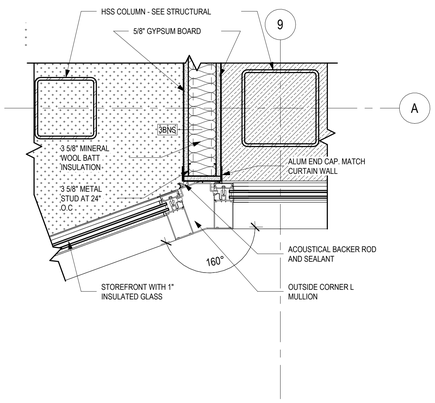

8 A-511 **PLAN DTL. - COL. A9 - LVL. 01**
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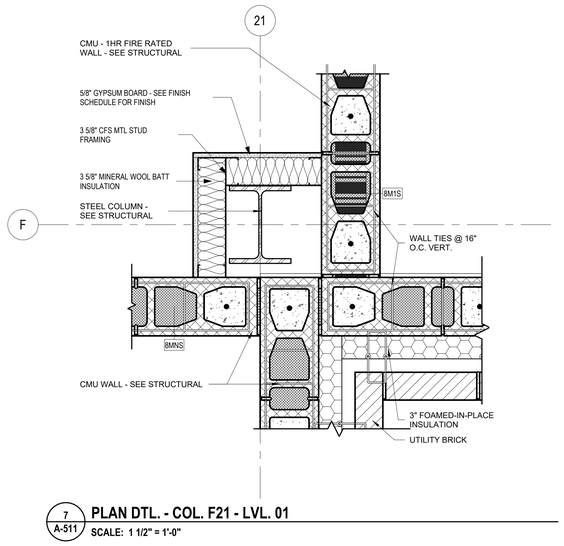

7 A-511 **PLAN DTL. - COL. F21 - LVL. 01**
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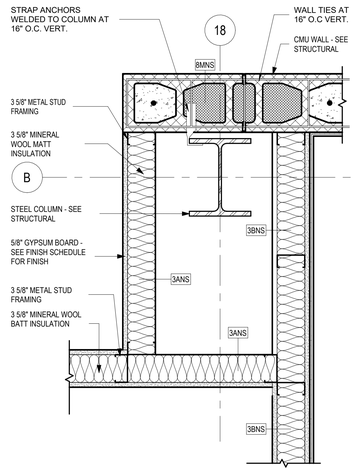

6 A-511 **PLAN DTL. - COL. B18 - LVL. 01**
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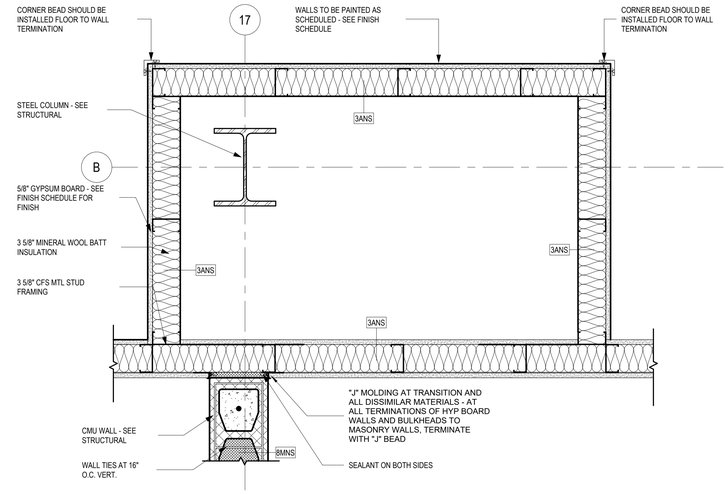

5 A-511 **PLAN DTL. - COL. B17 - LVL. 01**
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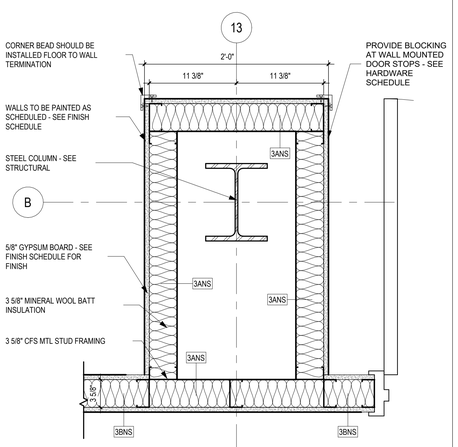

4 A-511 **PLAN DTL. - COL. B13 - LVL. 01**
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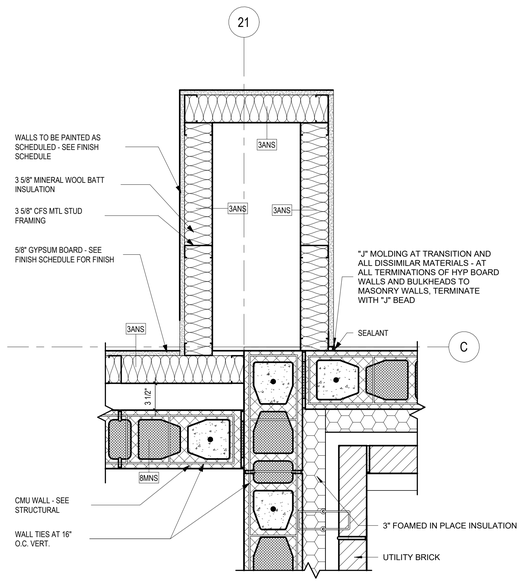

3 A-511 **PLAN DTL. - COL. C21 - LVL. 01**
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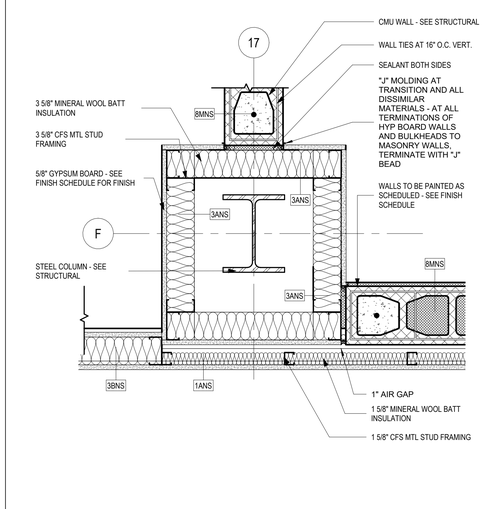

2 A-511 **PLAN DTL. - COL. F17 - LVL. 01**
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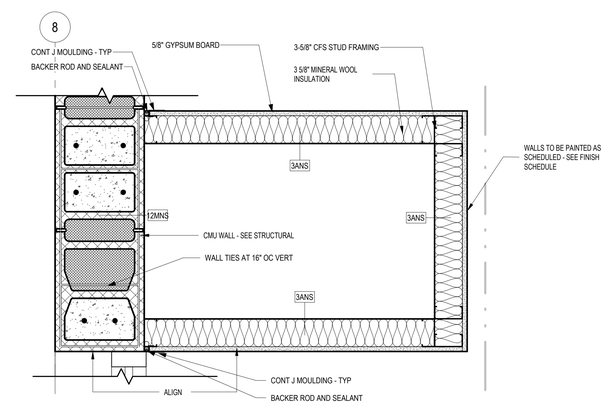

1 A-511 **CAFATERIA ACCENT FRAMING PLAN DETAIL**
SCALE: 1 1/2" = 1'-0"

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PLAN DETAILS

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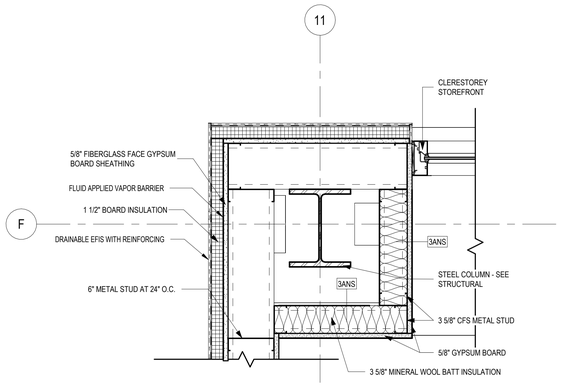

9 / A-512 PLAN DTL. - COL. F11- CLERESTORY
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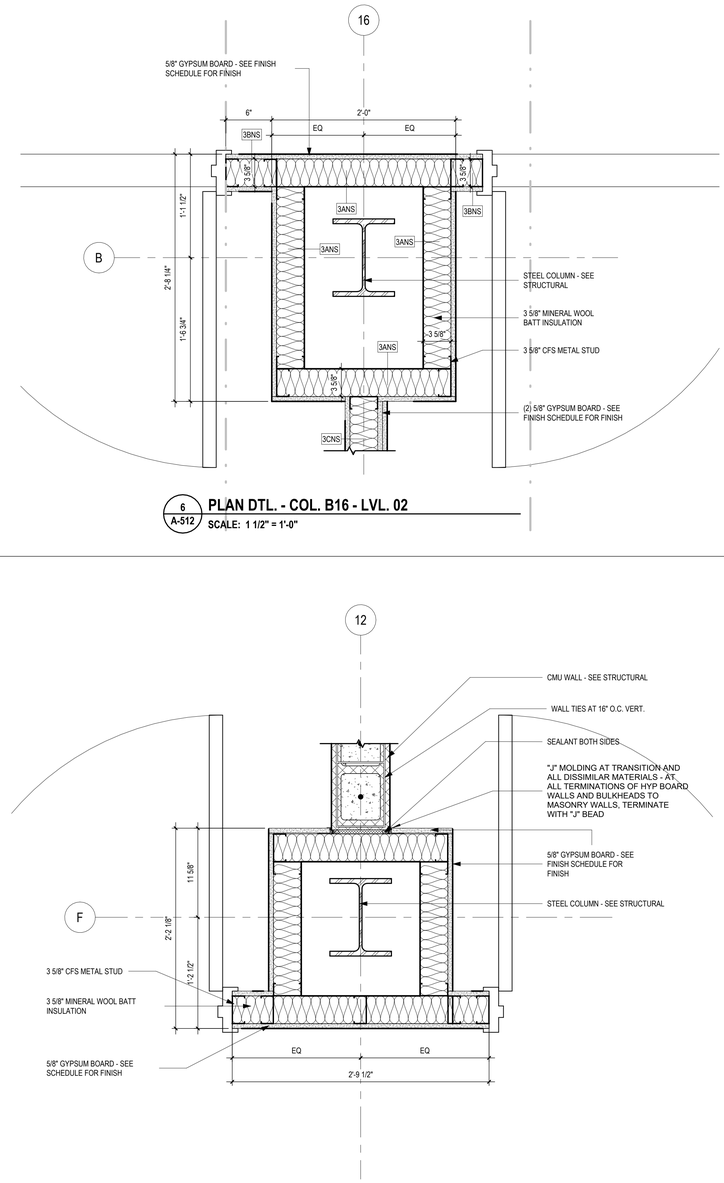
6 / A-512 PLAN DTL. - COL. B16 - LVL. 02
SCALE: 1 1/2" = 1'-0"



3 / A-512 PLAN DTL. - COL. F12 - LVL. 02
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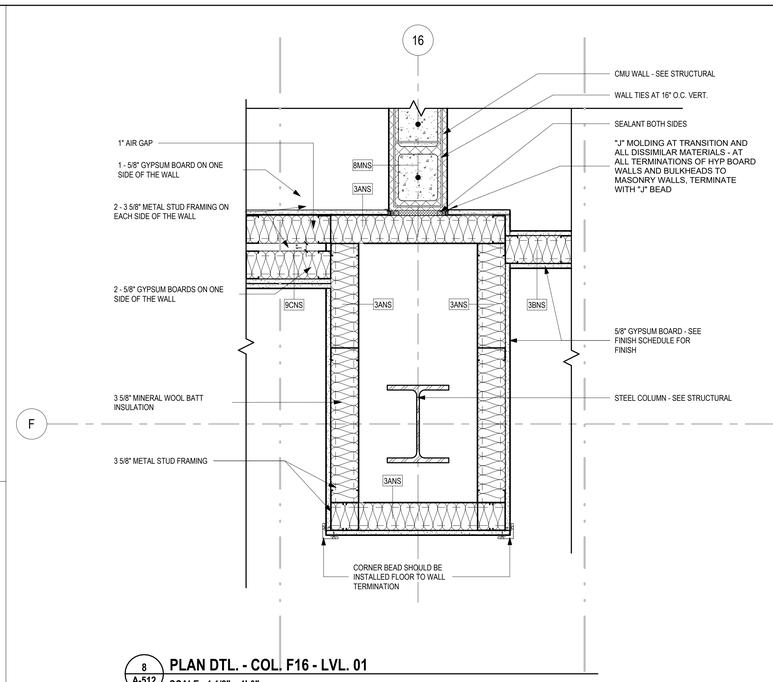
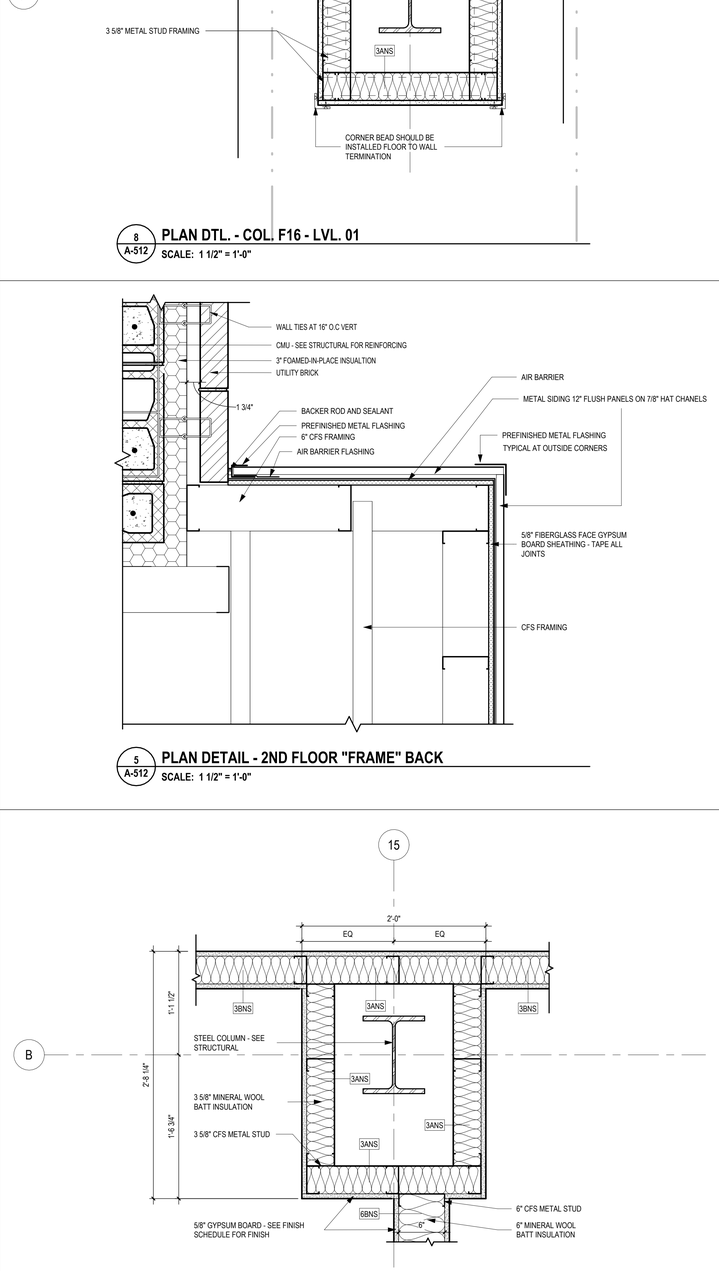


8 / A-512 PLAN DTL. - COL. F16 - LVL. 01
SCALE: 1 1/2" = 1'-0"

5 / A-512 PLAN DETAIL - 2ND FLOOR "FRAME" BACK
SCALE: 1 1/2" = 1'-0"



2 / A-512 PLAN DTL. - COL. B15 - LVL. 02
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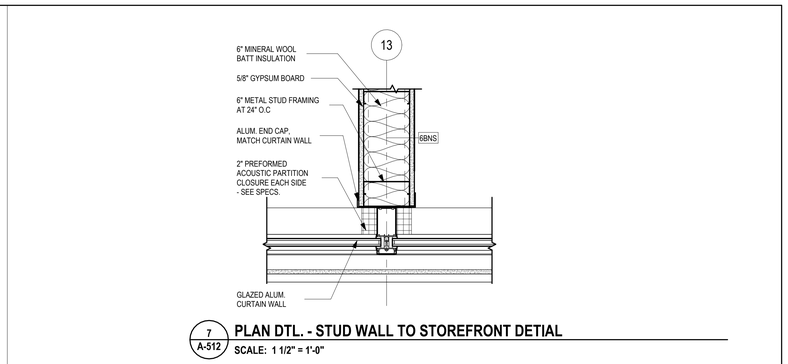
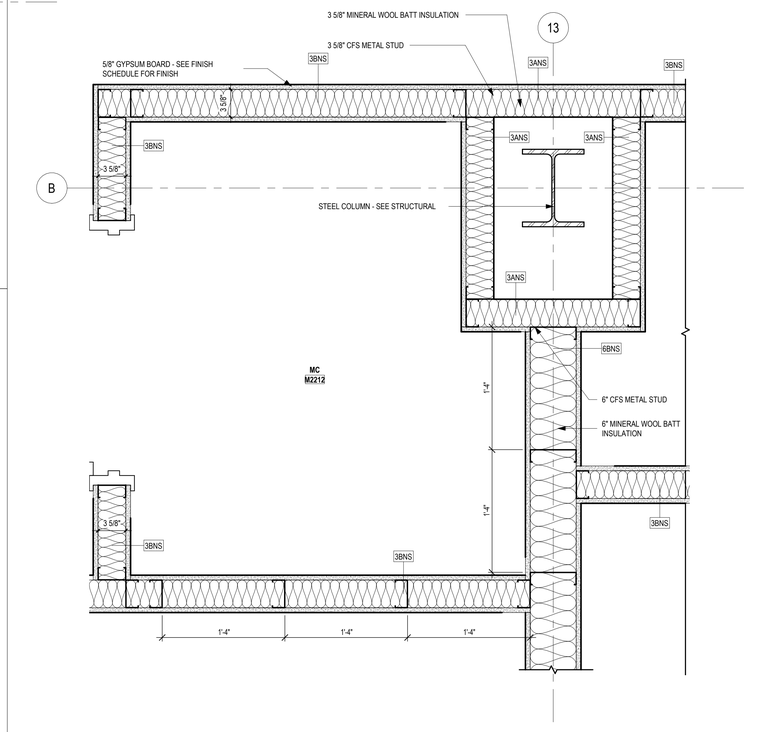


7 / A-512 PLAN DTL. - STUD WALL TO STOREFRONT DETIAL
SCALE: 1 1/2" = 1'-0"



4 / A-512 PLAN DTL. - MC 2206 - LVL. 02
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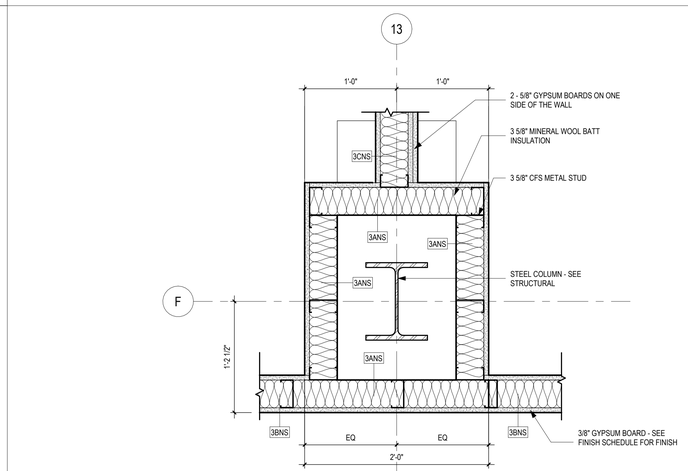

1 / A-512 PLAN DTL. - COL. F13 - LVL. 02
SCALE: 1 1/2" = 1'-0"

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PROFESSIONAL ENGINEER SEAL 040277 MICHAEL T. KINDSTRAND 6.12.24

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PLAN DETAILS

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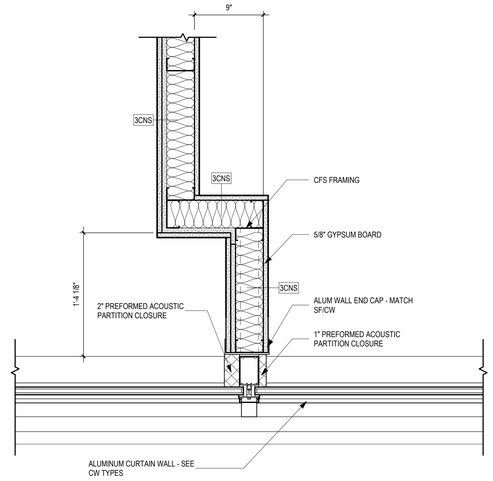
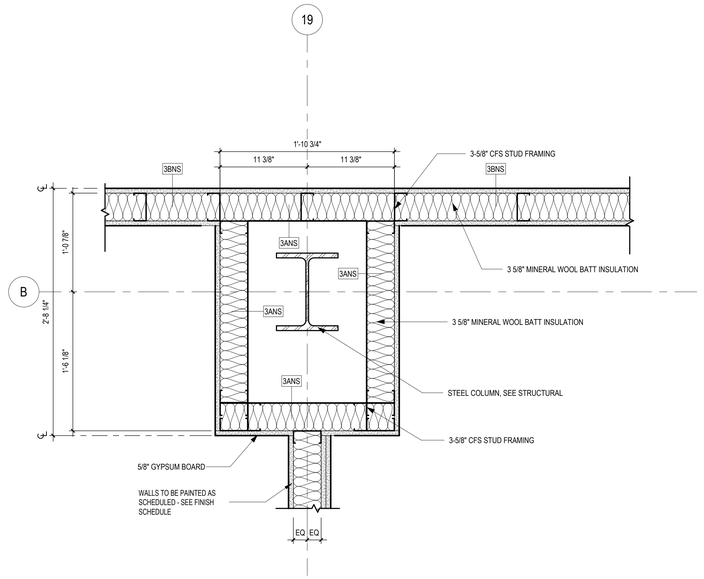
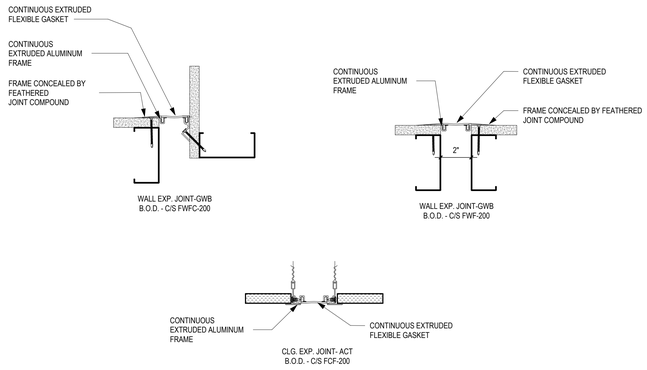


7 A-513 **PLAN DETAIL - GYP WALL JOG AT STORE FRONT**
SCALE: 1 1/2" = 1'-0"



6 A-513 **PLAN DTL. - COL. B19 - LVL. 02**
SCALE: 1 1/2" = 1'-0"



3 A-513 **EXPANSION JOINT DETAILS**
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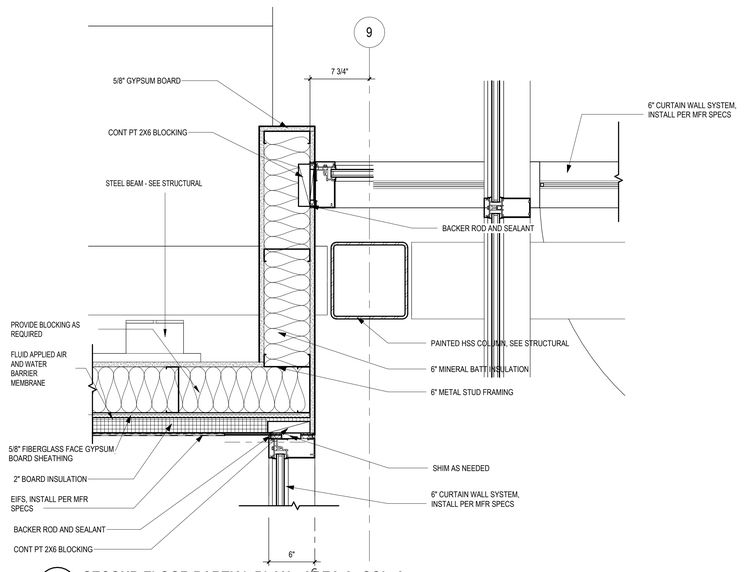
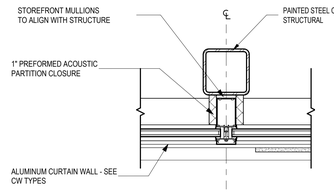
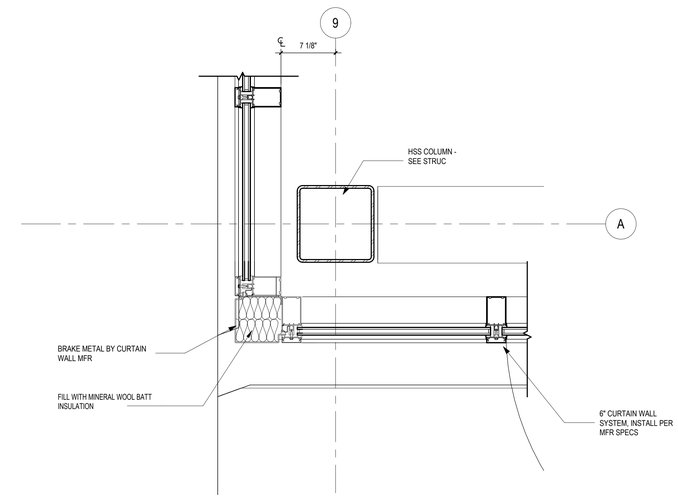


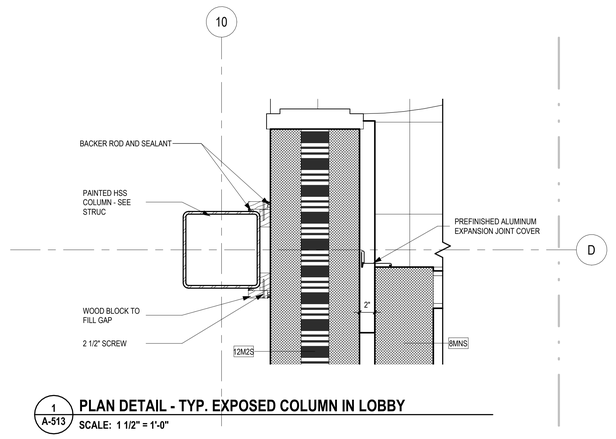
5 A-513 **SECOND FLOOR PARTIAL PLAN - AREA A -COL. 9**
SCALE: 1 1/2" = 1'-0"



2 A-513 **PLAN DETAIL - TYP. EXPOSED TUBE AT STOREFRONT**
SCALE: 1 1/2" = 1'-0"



4 A-513 **PLAN DETAIL - CL A9 - CURTAIN WALL**
SCALE: 1 1/2" = 1'-0"



1 A-513 **PLAN DETAIL - TYP. EXPOSED COLUMN IN LOBBY**
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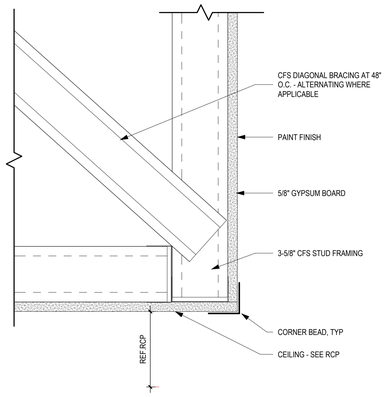
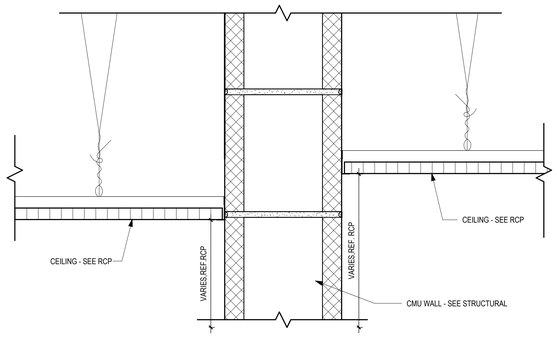
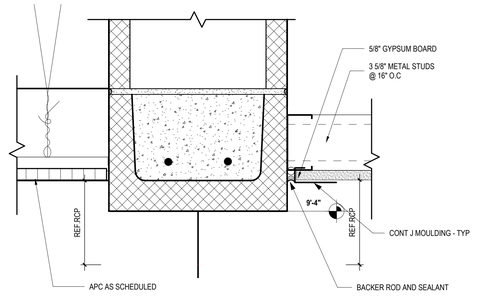


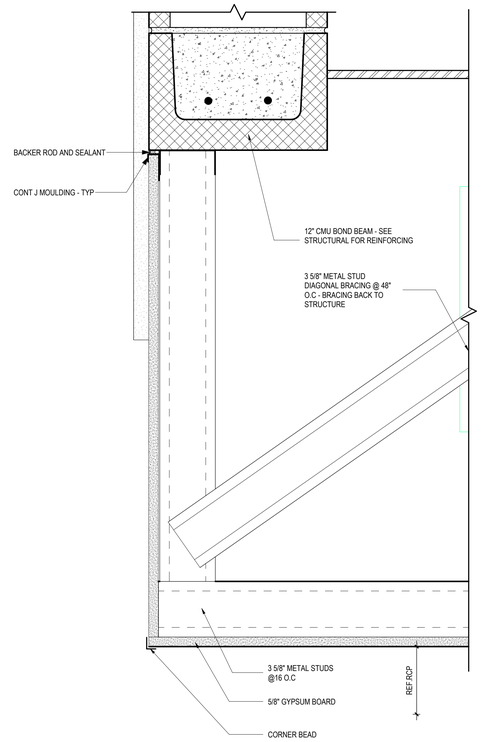
12 A-516 **GYP CEILING TO BULKHEAD**
SCALE: 3" = 1'-0"

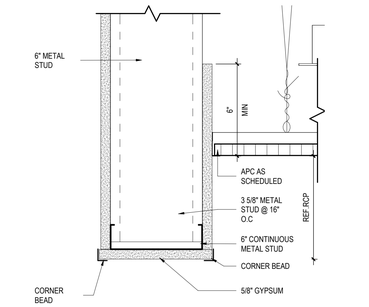


11 A-516 **APC CEILING TO 8" CMU**
SCALE: 3" = 1'-0"

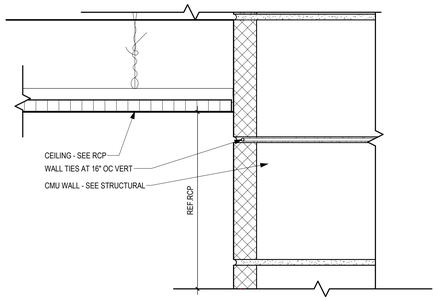


10 A-516 **CMU WALL GYM ENTRY - APC TO CMU TO GYP**
SCALE: 3" = 1'-0"





9 A-516 **LVL 1 - BULKHEAD BY MEDIA - EAST STAIR**
SCALE: 3" = 1'-0"



8 A-516 **APC TO 12" CMU**
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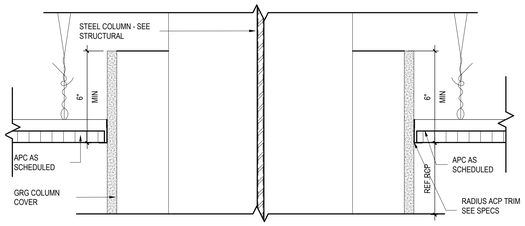

7 A-516 **APC & PENDANT LIGHTING COLUMN WRAP**
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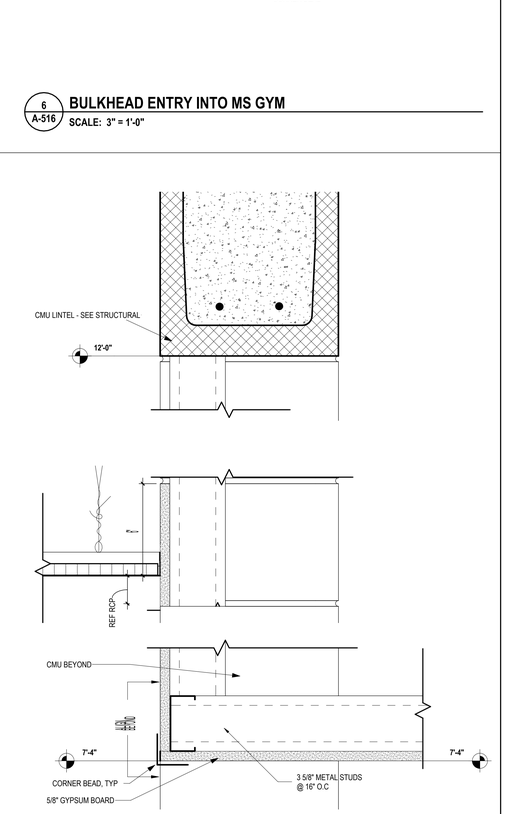
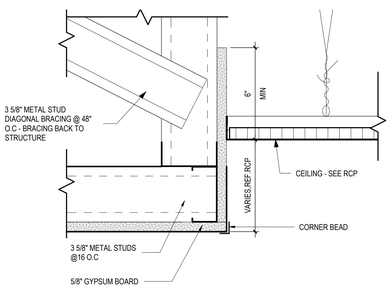
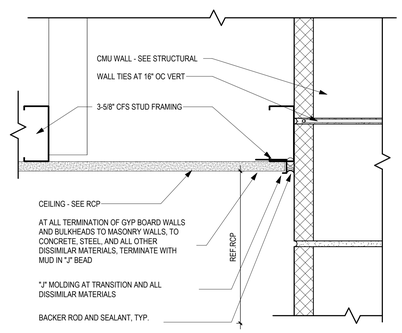


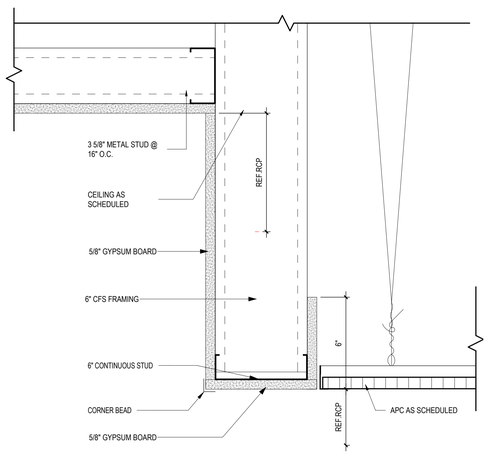
6 A-516 **BULKHEAD ENTRY INTO MS GYM**
SCALE: 3" = 1'-0"



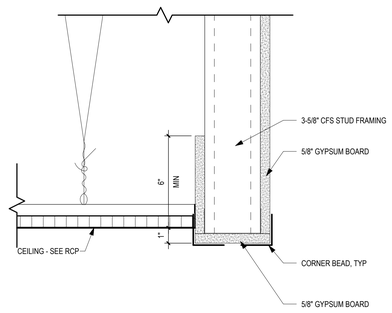
5 A-516 **GYP CEILING TO APC TRANSITION**
SCALE: 3" = 1'-0"



3 A-516 **GYP CEILING TO CMU WALL**
SCALE: 3" = 1'-0"



2 A-516 **LVL 2 - BULKHEAD OUTSIDE WORKROOM 2233**
SCALE: 3" = 1'-0"



4 A-516 **APC TO BULKHEAD**
SCALE: 3" = 1'-0"

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		MK
CHECKED BY:		MK

CEILING DETAILS

A-516

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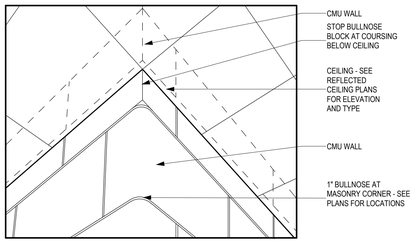
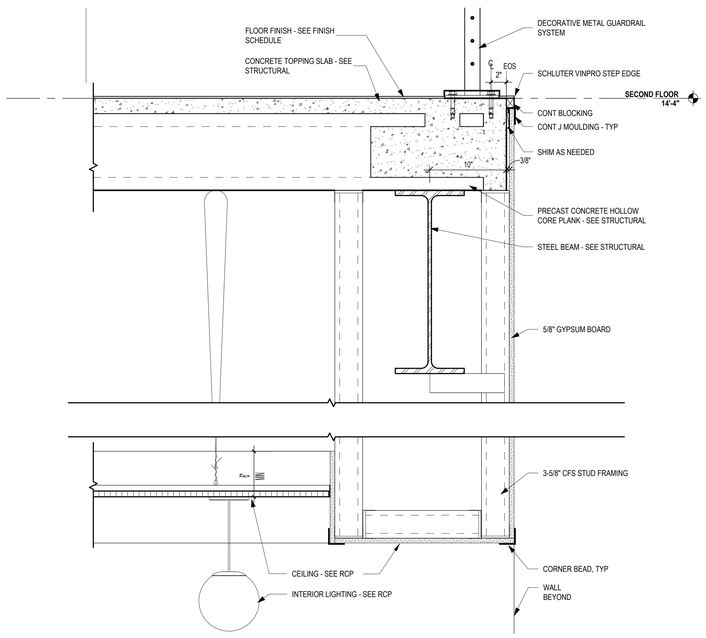
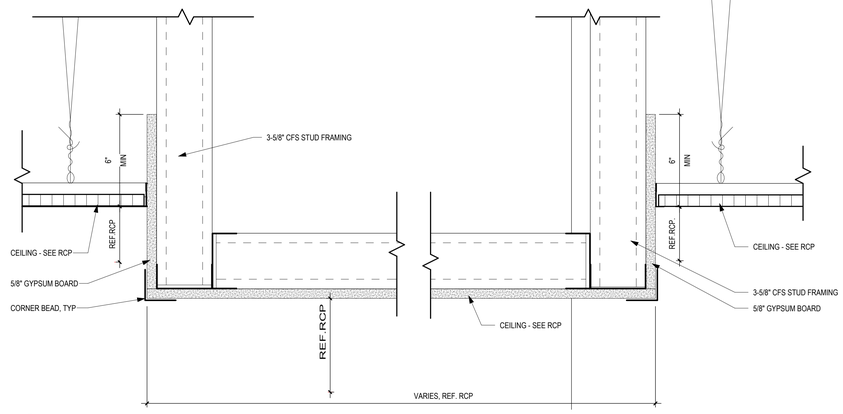


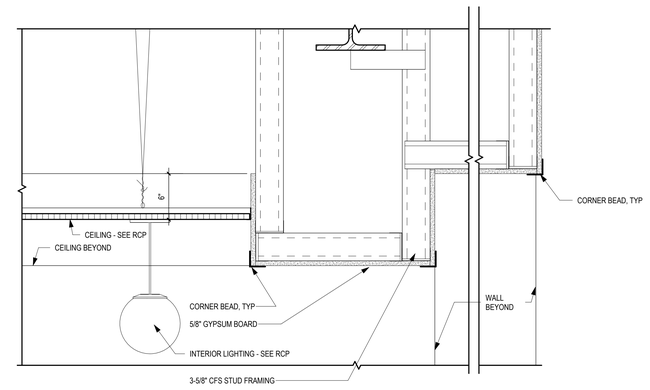
9 A-517 **CEILING DETAIL - 1" BULL NOSE**
SCALE: 12" = 1'-0"



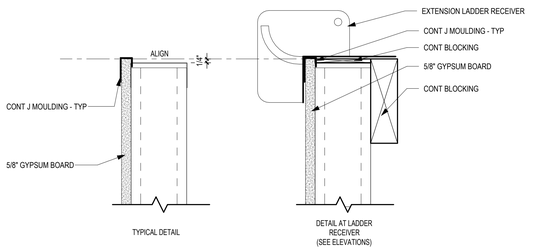
6 A-517 **GYP AT APC WITH PENDANT**
SCALE: 1 1/2" = 1'-0"



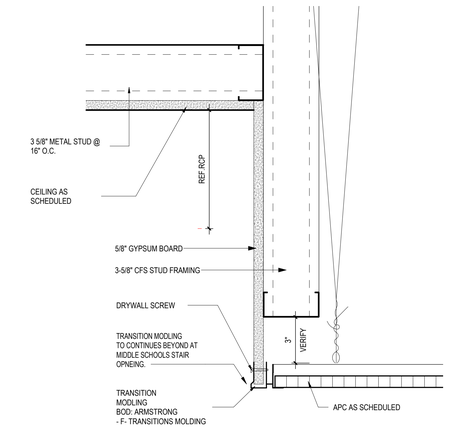
8 A-517 **ACT - GYP - ACT**
SCALE: 3" = 1'-0"



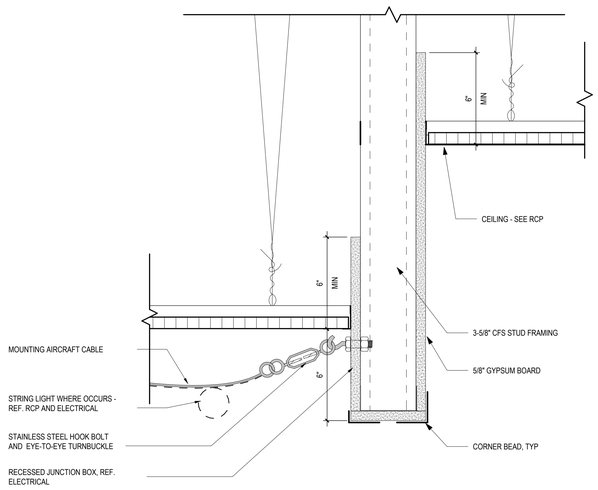
5 A-517 **GYP AT APC WITH PENDANT**
SCALE: 1 1/2" = 1'-0"



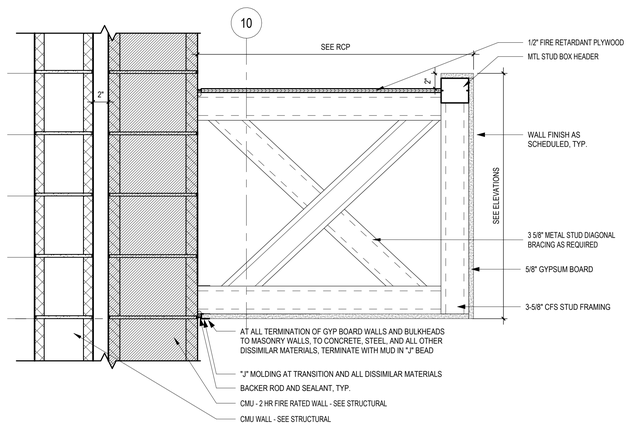
7 A-517 **INTERIOR PARAPET AT COMMONS**
SCALE: 3" = 1'-0"



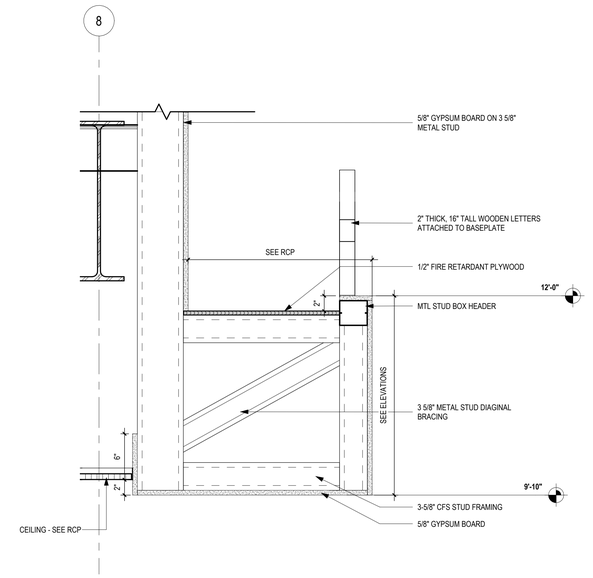
4 A-517 **ACT TRANSITION TO GYP. @ MS STAIR**
SCALE: 3" = 1'-0"



3 A-517 **GYP TRANSITION FROM APC TO ACP**
SCALE: 3" = 1'-0"



2 A-517 **TYPICAL LOBBY BULKHEAD DETAIL**
SCALE: 1 1/2" = 1'-0"



1 A-517 **SERVING LINE BULKHEAD DETAIL**
SCALE: 1 1/2" = 1'-0"

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CHECKED BY:		MK

CEILING & BULKHEAD DETAILS

A-517

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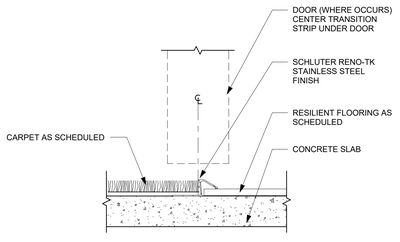
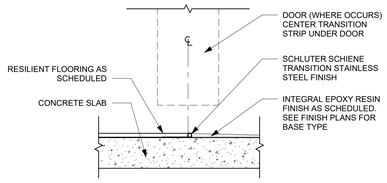
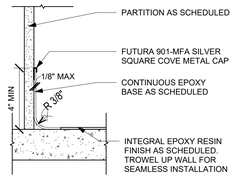


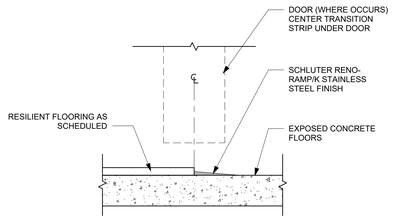
7 A-520 **CARPET TO RESILIENT FLOOR TRANSITION**
SCALE: 6" = 1'-0"



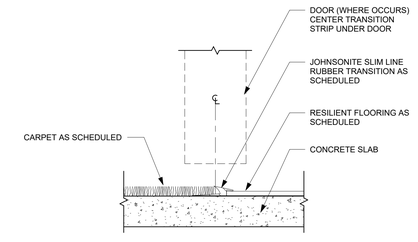
5 A-520 **RESILIENT FLOOR TRANSITION TO EPOXY**
SCALE: 6" = 1'-0"



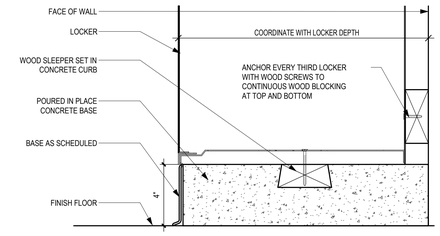
4 A-520 **EPOXY COVE BASE DETAIL AT PARTITION**
SCALE: 3" = 1'-0"



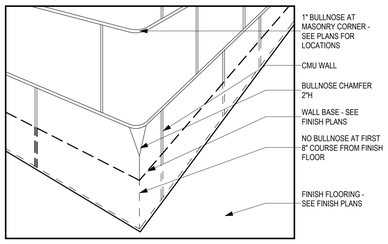
3 A-520 **RESILIENT FLOOR TRANSITION TO CONCRETE**
SCALE: 6" = 1'-0"



2 A-520 **CARPET TO RESILIENT FLOOR TRANSITION @ CURVE**
SCALE: 6" = 1'-0"

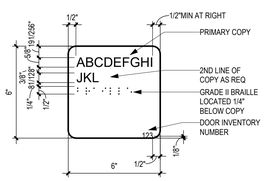


6 A-520 **SECTION DETAIL - LOCKER BASE**
SCALE: 3" = 1'-0"



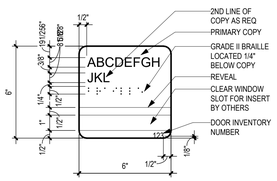
8 A-520 **BASE DETAIL - 1" BULLNOSE**
SCALE: 12" = 1'-0"

SIGN TYPE A

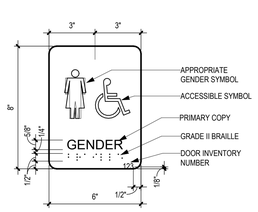


TYPICAL FOR ALL DOOR INVENTORY NUMBERS - SHALL HAVE RAISED NUMBERING AND COLOR SHALL MATCH THE BACKGROUND COLOR

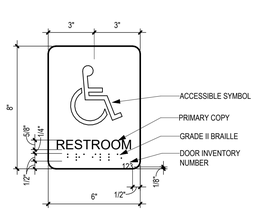
SIGN TYPE B



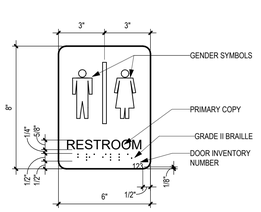
SIGN TYPE C



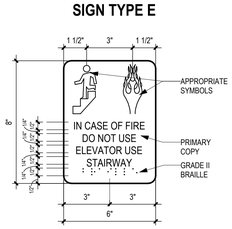
SIGN TYPE D



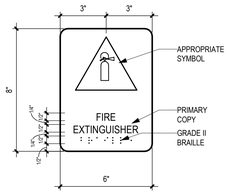
SIGN TYPE D1



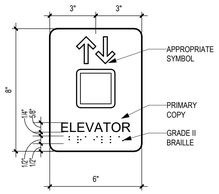
SIGN TYPE E



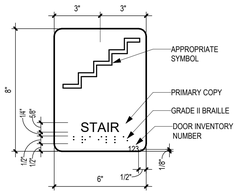
SIGN TYPE F



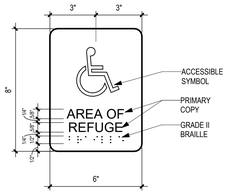
SIGN TYPE G



SIGN TYPE H

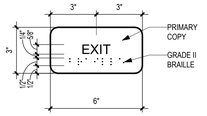


SIGN TYPE I



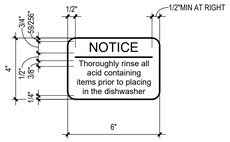
SIGN TYPE J

NCBC 1011.3 TACTILE EXIT SIGNS.
A TACTILE EXIT SIGN STATING "EXIT" AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN AREA OF REFUGE, AN EXTERIOR AREA OF ASSISTED RESCUE, AN EXIT STAIRWAY, AN EXIT RAMP, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.



SIGN TYPE K

TYPICAL ALL DISHWASHERS IN SCIENCE LAB PREP ROOMS



1 A-520 **SIGNAGE ELEVATIONS**
SCALE: 3" = 1'-0"

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INTERIOR DETAILS

A-520

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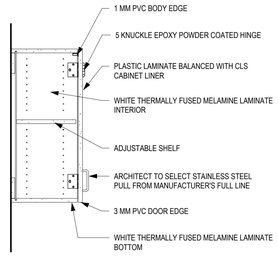
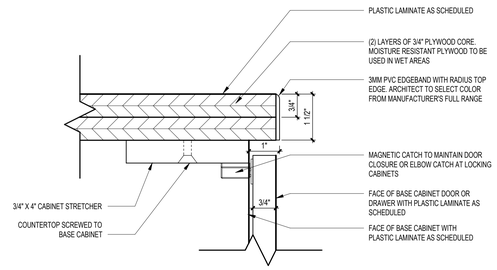
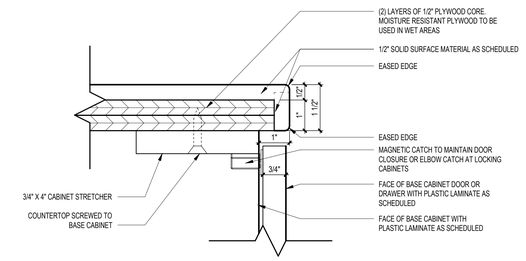


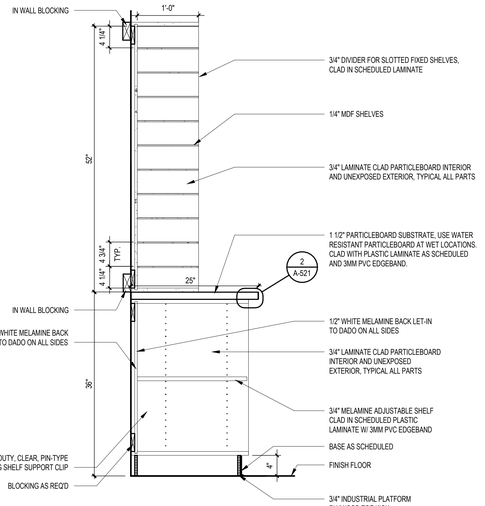
E1 A-521 **UPPER CABINET**
SCALE: 1" = 1'-0"



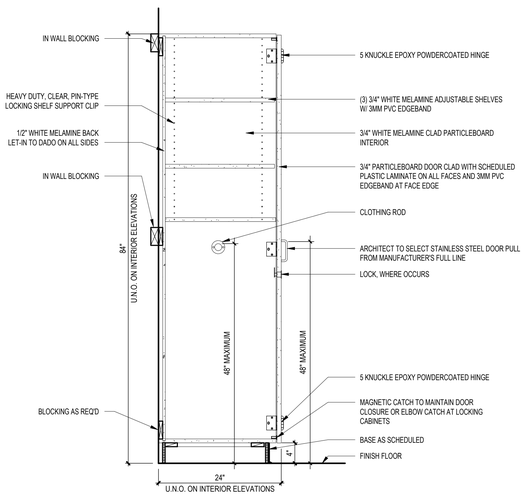
2 A-521 **COUNTERTOP EDGE - PLASTIC LAMINATE**
SCALE: 6" = 1'-0"



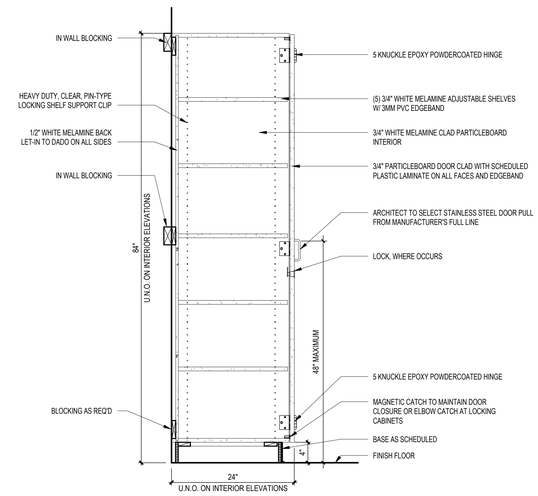
1 A-521 **COUNTERTOP EDGE - SOLID SURFACE**
SCALE: 6" = 1'-0"



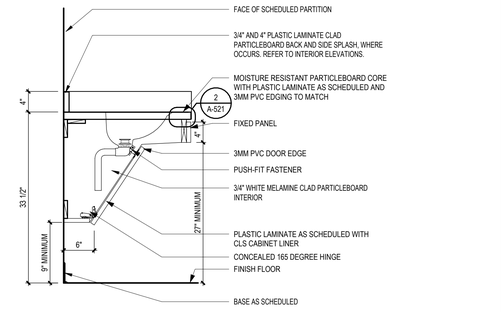
K3 A-521 **TALL CABINET - MAILBOXES**
SCALE: 1" = 1'-0"



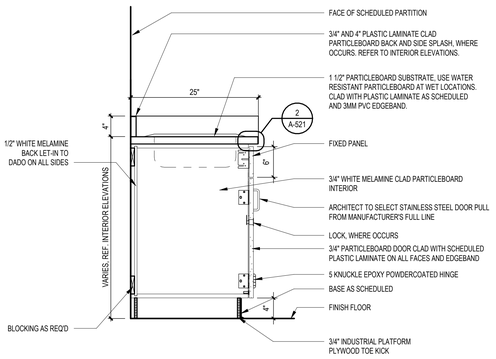
K2 A-521 **TALL CABINET - WARDROBE STORAGE**
SCALE: 1" = 1'-0"



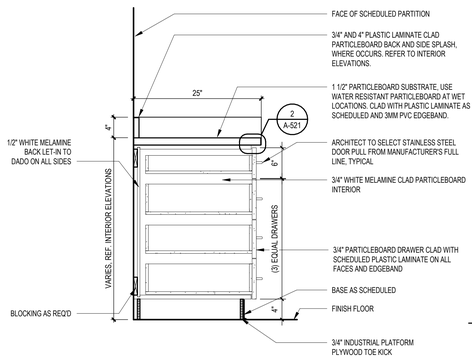
K1 A-521 **TALL CABINET**
SCALE: 1" = 1'-0"



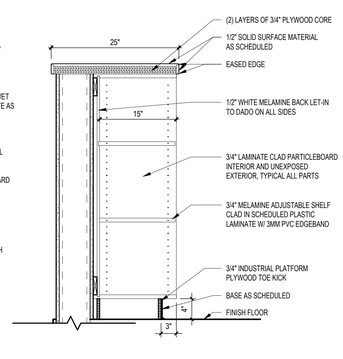
C2 A-521 **BASE CABINET - ADA SINK**
SCALE: 1" = 1'-0"



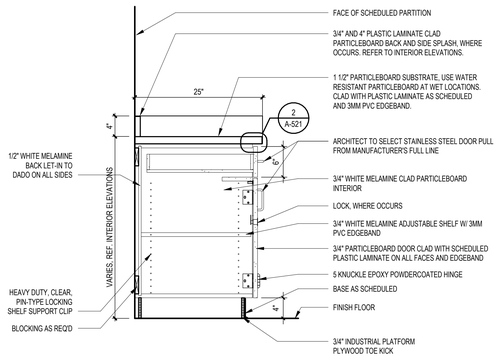
C1 A-521 **BASE CABINET - SINK**
SCALE: 1" = 1'-0"



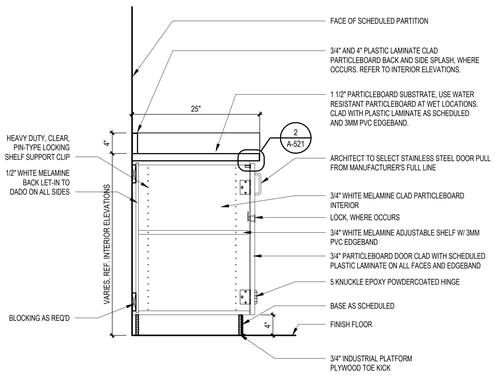
A4 A-521 **BASE CABINET - DRAWERS**
SCALE: 1" = 1'-0"



A3 A-521 **BASE CABINET - OPEN SHELVES**
SCALE: 1" = 1'-0"



A2 A-521 **BASE CABINET - DOOR AND DRAWER**
SCALE: 1" = 1'-0"



A1 A-521 **BASE CABINET - DOOR**
SCALE: 1" = 1'-0"

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		Author
CHECKED BY:		Checker

INTERIOR DETAILS - MILLWORK

A-521

Autodesk Docs://Pamlico High School 6-12/2205 - Pamlico HS - ARCH.rvt
6/24/2024 3:51:39 PM

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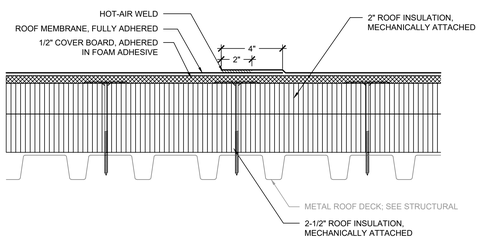
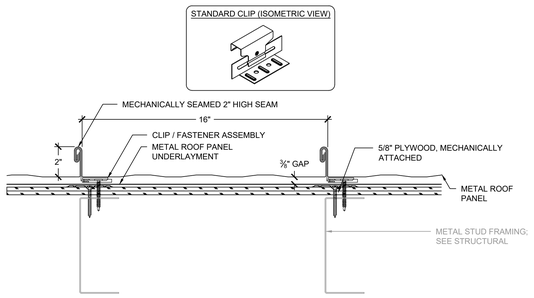


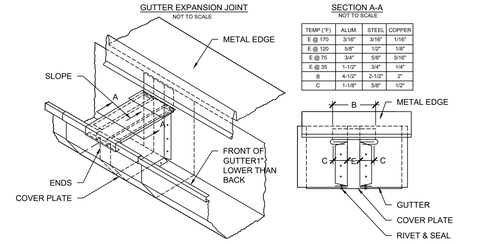
NOTES:
1. ROOF SYSTEM SHALL BE A TESTED ASSEMBLY IN ACCORDANCE WITH FM 4474, UL 580 OR UL 1897 TO RESIST THE WIND UPLIFT PRESSURES SPECIFIED ON SHEET A-131 OF THE CONTRACT DOCUMENTS. PROVIDE SUBMITTAL INCLUDING DOCUMENTATION OF TESTED ASSEMBLY ALONG WITH ATTACHMENT REQUIREMENTS FOR THE ASSEMBLY.
2. ANY WHOLE OR PARTIAL INSULATION BOARD OR PORTION OF ANY BOARD WHICH FALLS IN THE PERIMETERS & CORNERS OUTLINED SHALL BE SUBJECT TO THE FASTENING REQUIREMENTS FOR THE HIGHEST WIND ZONE ENCOUNTERED, ACROSS THE ENTIRE BOARD.

1 A-530 TYPICAL ROOF ASSEMBLY - 1
SCALE: 3" = 1'-0"

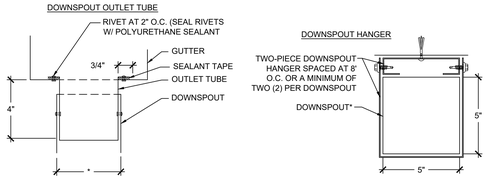


NOTES:
1. METAL ROOF PANEL ASSEMBLY SHALL BE A TESTED ASSEMBLY IN ACCORDANCE WITH FM 4474, UL 580 OR UL 1897 TO RESIST THE WIND UPLIFT PRESSURES SPECIFIED IN SECTION 07 41 13 OF THE CONTRACT DOCUMENTS.
2. PROVIDE SUBMITTAL INCLUDING DOCUMENTATION OF TESTED ASSEMBLY ALONG WITH ENGINEERED CALCULATIONS FOR ATTACHMENT OF THE METAL ROOF PANEL ASSEMBLY.
3. THERMAL BLOCKS NOT SHOWN FOR CLARIFY. PROVIDE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

2 A-530 TYPICAL ROOF ASSEMBLY - 2
SCALE: 3" = 1'-0"

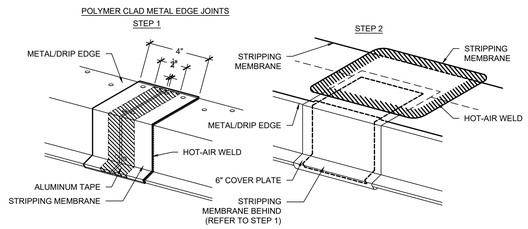


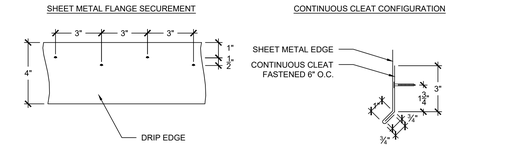
TEMP (°F)	ALUM.	STEEL	COPPER
E @ 170	3/16"	3/16"	1/16"
E @ 120	5/8"	1/2"	1/8"
E @ 75	3/4"	5/8"	3/16"
E @ 35	1-1/2"	3/4"	1/4"
B	4-1/2"	2-1/2"	2"
C	1-1/8"	5/8"	1/2"



NOTES:
2. * DIMENSIONS ARE SHOWN FOR A STANDARD RECTANGULAR DOWNSPOUT. ADDITIONAL DOWNSPOUT SIZES ARE REQUIRED, REFERE TO SHEETS A-130 - A-131E FOR DOWNSPOUT SIZES AT EACH ROOF SECTOR.

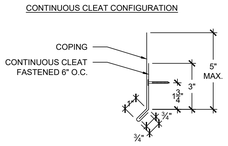
3 A-530 GUTTER/DOWNSPOUT COMPONENTS
SCALE: 3" = 1'-0"





NOTES:
1. EDGE METAL SHALL BE TESTED FOR RESISTANCE TO WIND UPLIFT PRESSURES SPECIFIED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHODS RE-1 AND RE-2. CONTRACTOR SHALL PROVIDE SHOP DRAWING DEPICTING SHEET METAL COMPONENTS WITH DIMENSIONS AND PROVIDE EVIDENCE OF TESTING TO RESIST THE SPECIFIED WIND UPLIFT PRESSURES.
2. PROVIDE SEPARATE FASCIA COVER EXTENSION WHERE EDGE METAL DIMENSIONS EXCEED ALLOWABLE TESTED ASSEMBLY REQUIREMENTS.

4 A-530 SHEET METAL EDGE COMPONENTS
SCALE: 3" = 1'-0"



NOTES:
1. COPING SHALL BE TESTED FOR RESISTANCE TO WIND UPLIFT PRESSURES SPECIFIED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHOD RE-3. CONTRACTOR SHALL PROVIDE SHOP DRAWING DEPICTING SHEET METAL COMPONENTS WITH DIMENSIONS AND PROVIDE EVIDENCE OF TESTING TO RESIST THE SPECIFIED WIND UPLIFT PRESSURES.
2. PROVIDE SEPARATE FASCIA COVER EXTENSION WHERE EDGE METAL DIMENSIONS EXCEED ALLOWABLE TESTED ASSEMBLY REQUIREMENTS.

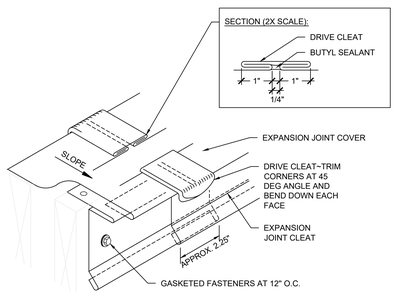
5 A-530 COPING DETAIL
SCALE: 3" = 1'-0"

NOTES:
1. MEMBRANE AND FLASHING/STRIPPING MEMBRANE NOT SHOWN FOR CLARITY.
2. BASE FLASHING CLOSURE TO BE INSTALLED CONCURRENTLY WITH METAL EDGE AND STRIPPED INTO MEMBRANE WITH HOT-AIR WELDED STRIPPING PLY.

6 A-530 BASE FLASHING CLOSURE
SCALE: 3" = 1'-0"

NOTES:
1. EDGE METAL SHALL BE TESTED FOR RESISTANCE TO WIND UPLIFT PRESSURES SPECIFIED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHODS RE-1 AND RE-2. CONTRACTOR SHALL PROVIDE SHOP DRAWING DEPICTING SHEET METAL COMPONENTS WITH DIMENSIONS AND PROVIDE EVIDENCE OF TESTING TO RESIST THE SPECIFIED WIND UPLIFT PRESSURES.
2. PROVIDE SEPARATE FASCIA COVER EXTENSION WHERE EDGE METAL DIMENSIONS EXCEED ALLOWABLE TESTED ASSEMBLY REQUIREMENTS.

7 A-530 CRIMPED ON METAL EDGE COMPONENTS
SCALE: 3" = 1'-0"



8 A-530 SHEET METAL EXPANSION JOINT SEAMS
SCALE: 3" = 1'-0"

9 A-530 PRE-FABRICATED PIPE PENETRATION
SCALE: 3" = 1'-0"

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CONSTRUCTION DOCUMENTS

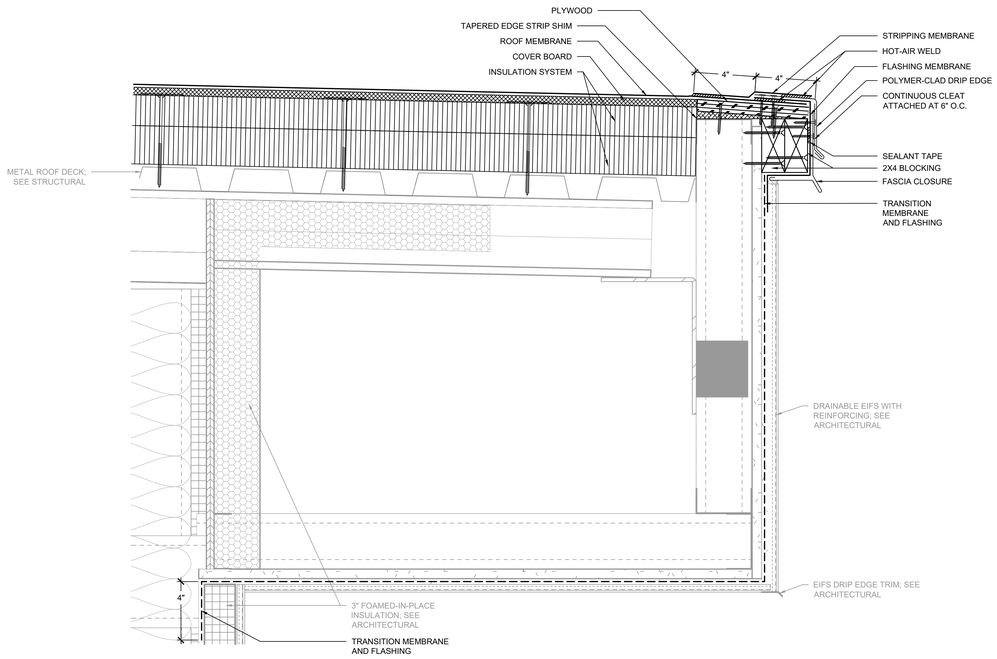
PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

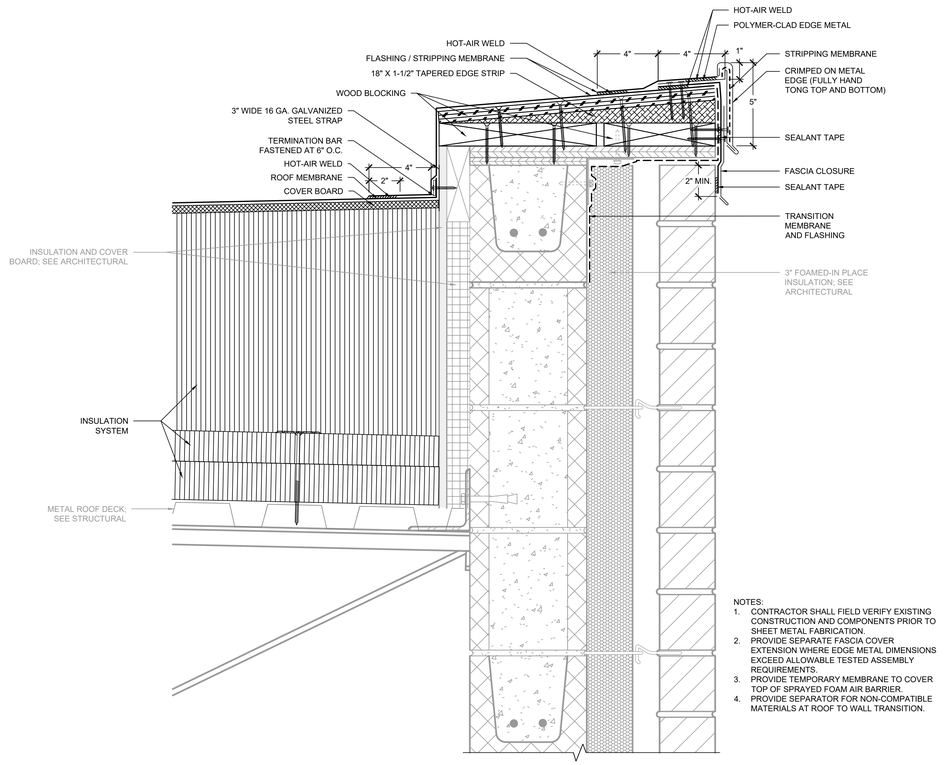
ISSUE DATE:	6/12/2024
PROJECT #:	2205
DRAWN BY:	SEI
CHECKED BY:	SEI

ROOF DETAILS

A-530

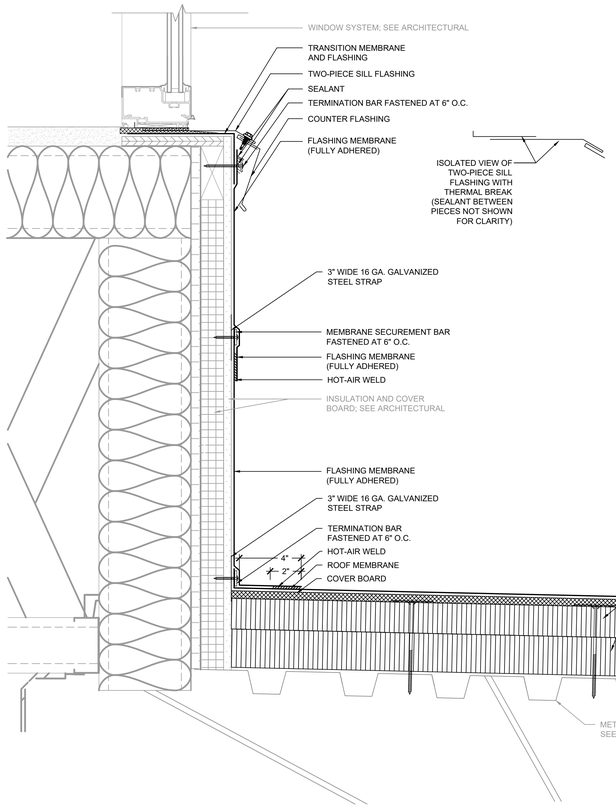


1 A-531 **ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 2/A-504**
SCALE: 3" = 1'-0"

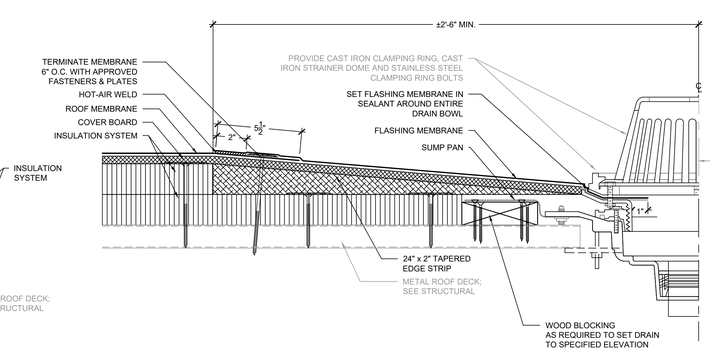


NOTES:
1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONSTRUCTION AND COMPONENTS PRIOR TO SHEET METAL FABRICATION.
2. PROVIDE SEPARATE FASCIA COVER EXTENSION WHERE EDGE METAL DIMENSIONS EXCEED ALLOWABLE TESTED ASSEMBLY REQUIREMENTS.
3. PROVIDE TEMPORARY MEMBRANE TO COVER TOP OF SPRAYED FOAM AIR BARRIER.
4. PROVIDE SEPARATOR FOR NON-COMPATIBLE MATERIALS AT ROOF TO WALL TRANSITION.

2 A-531 **ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 2/A-501**
SCALE: 3" = 1'-0"

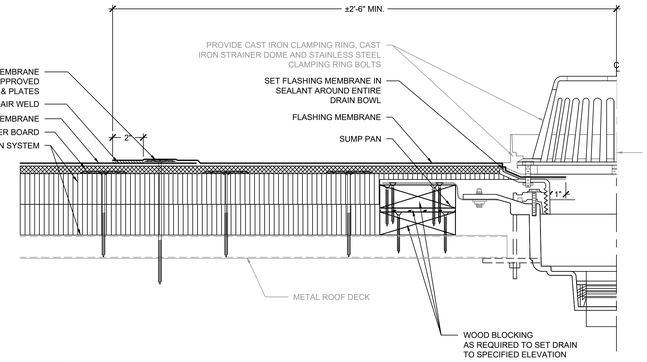


3 A-531 **ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 4/A-503**
SCALE: 3" = 1'-0"



NOTES:
1. ALL CLAMPING RING BOLTS MUST BE PRESENT AND SECURE.

4 A-531 **TYPICAL PRIMARY DRAIN DETAIL**
SCALE: 3" = 1'-0"



NOTES:
1. ALL CLAMPING RING BOLTS MUST BE PRESENT AND SECURE.

5 A-531 **TYPICAL OVERFLOW DRAIN DETAIL**
SCALE: 3" = 1'-0"

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CONSTRUCTION DOCUMENTS

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PAMLICO 6-12 SCHOOL
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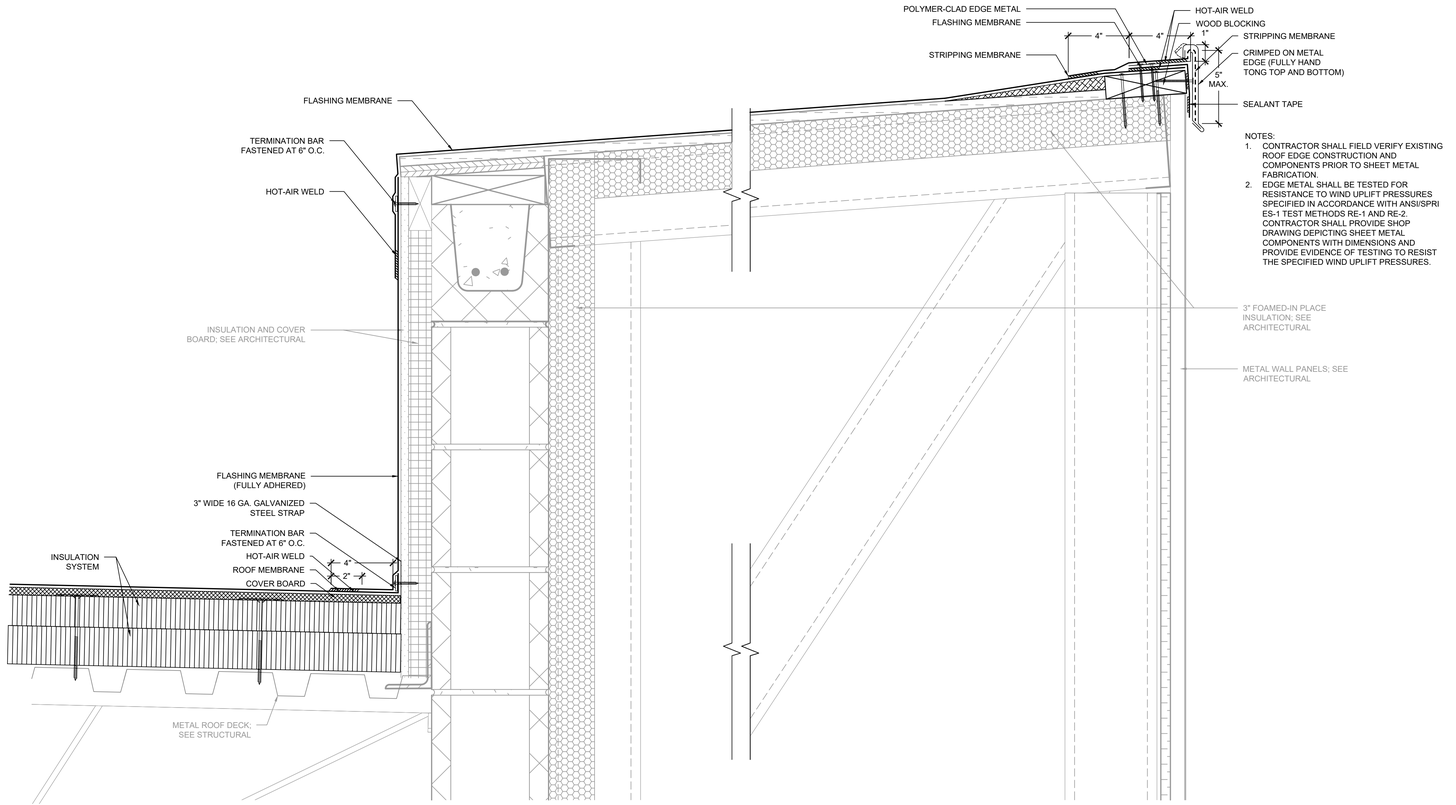
ENERGY STAR PARTNER

ISSUE DATE:	6/12/2024
PROJECT #:	2205
DRAWN BY:	SEI
CHECKED BY:	SEI

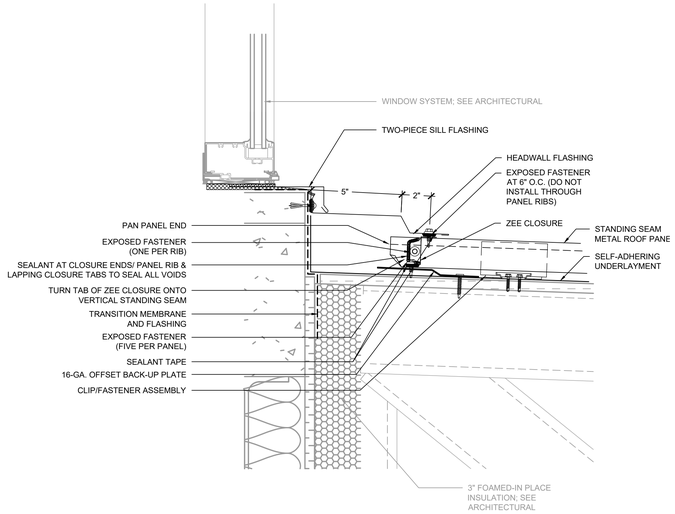
ROOF DETAILS

A-531

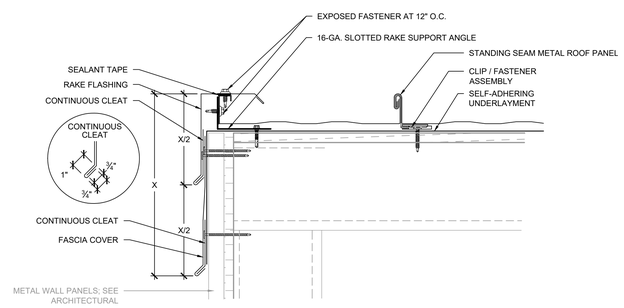


NOTES:
1. CONTRACTOR SHALL FIELD VERIFY EXISTING ROOF EDGE CONSTRUCTION AND COMPONENTS PRIOR TO SHEET METAL FABRICATION.
2. EDGE METAL SHALL BE TESTED FOR RESISTANCE TO WIND UPLIFT PRESSURES SPECIFIED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHODS RE-1 AND RE-2. CONTRACTOR SHALL PROVIDE SHOP DRAWING DEPICTING SHEET METAL COMPONENTS WITH DIMENSIONS AND PROVIDE EVIDENCE OF TESTING TO RESIST THE SPECIFIED WIND UPLIFT PRESSURES.

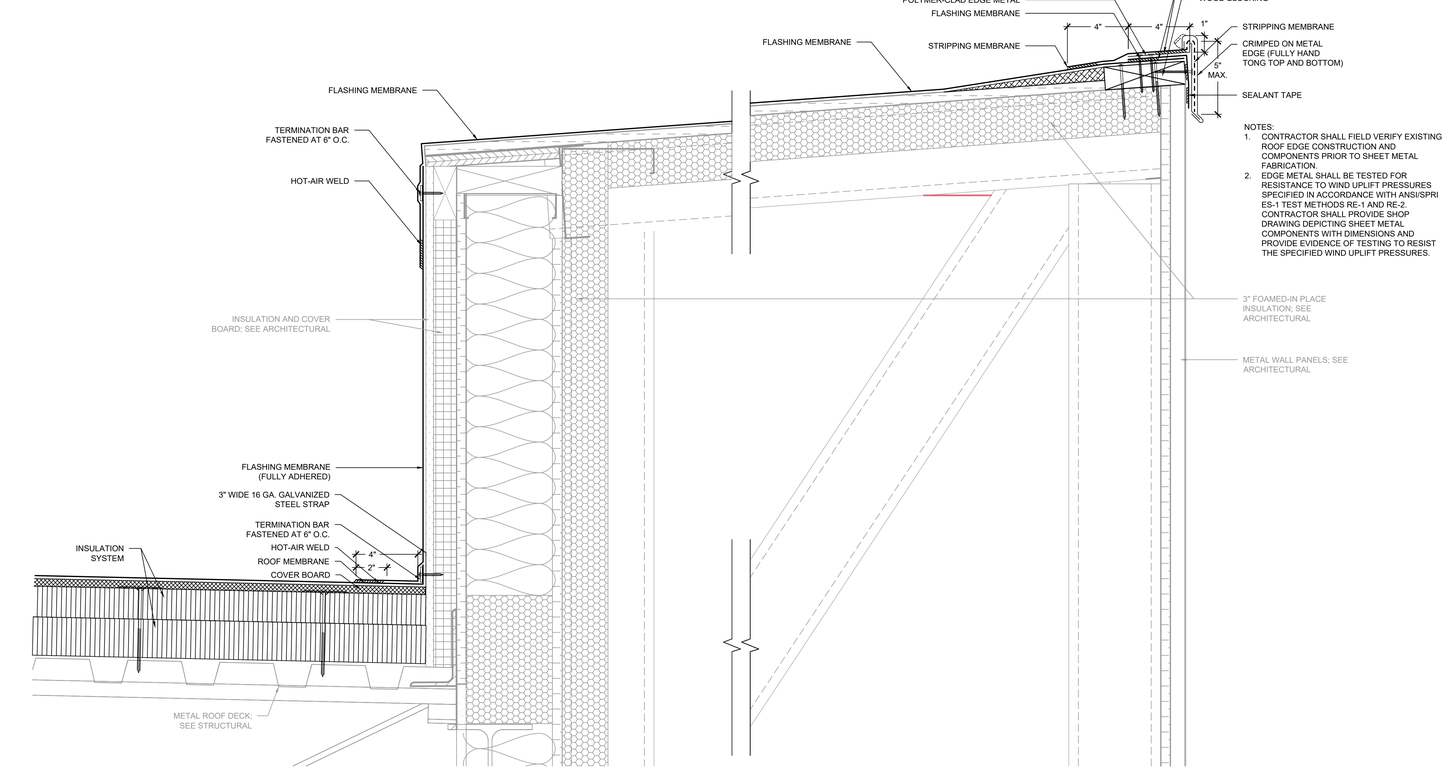
1 A-532 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 7/A-504
SCALE: 3" = 1'-0"



2 A-532 HEADWALL FLASHING (FIXED) CORRESPONDING TO ARCHITECTURAL DETAIL 5/A-504
SCALE: 3" = 1'-0"



3 A-532 RAKE EDGE
SCALE: 3" = 1'-0"



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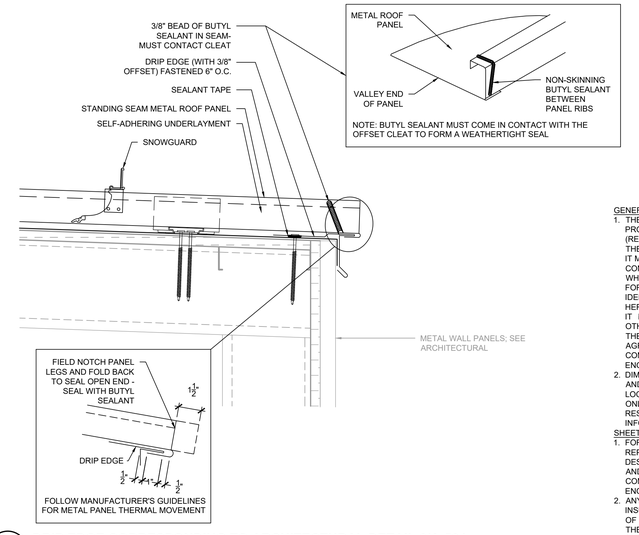
4 A-532 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 7/A-504
SCALE: 3" = 1'-0"



5 A-532 DRIP EDGE CORRESPONDING TO ARCHITECTURAL DETAIL 6/A-504
SCALE: 3" = 1'-0"

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CONSTRUCTION DOCUMENTS

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PAMLICO 6-12 SCHOOL
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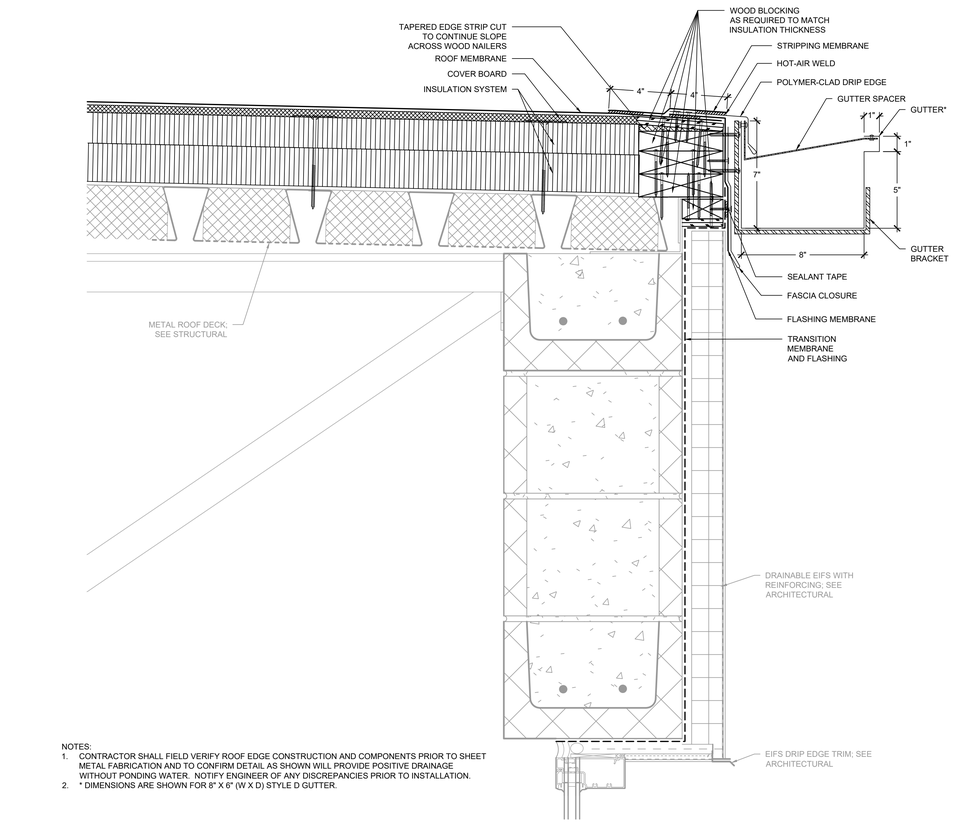
ENERGY STAR PARTNER

ISSUE DATE:	6/12/2024
PROJECT #:	2205
DRAWN BY:	SEI
CHECKED BY:	SEI

ROOF DETAILS

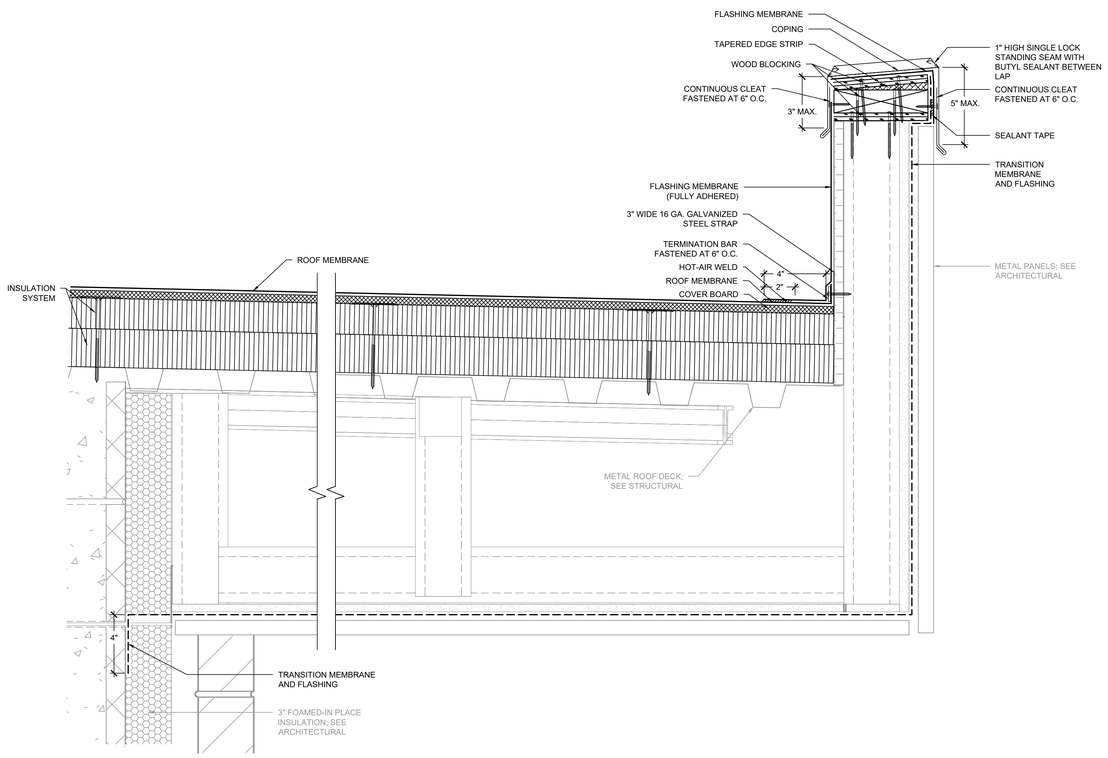
A-532



NOTES.
1. CONTRACTOR SHALL FIELD VERIFY ROOF EDGE CONSTRUCTION AND COMPONENTS PRIOR TO SHEET METAL FABRICATION AND TO CONFIRM DETAIL AS SHOWN WILL PROVIDE POSITIVE DRAINAGE WITHOUT PONDING WATER. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
2. * DIMENSIONS ARE SHOWN FOR 8" X 6" (W X D) STYLE D GUTTER.

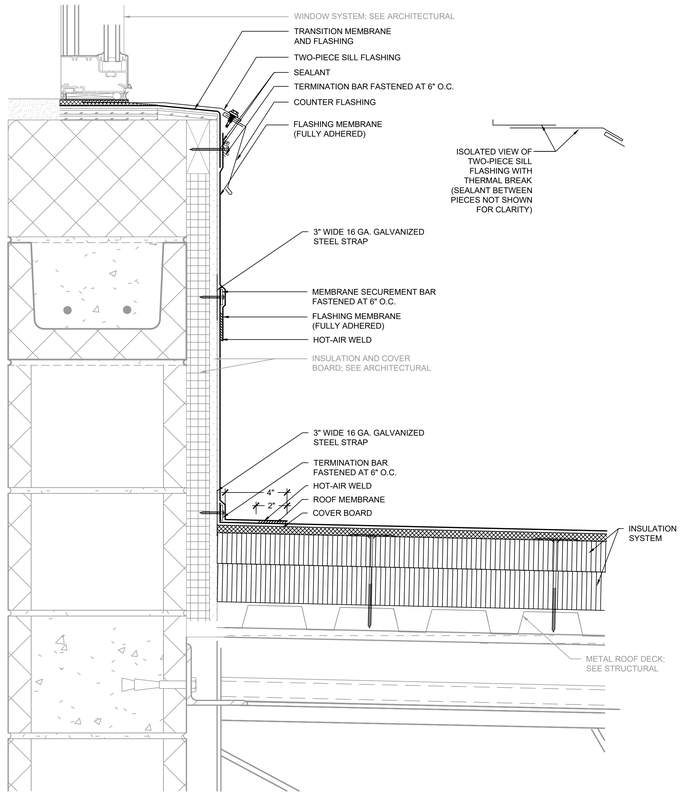
1 A-533 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 3/A-503

SCALE: 3" = 1'-0"



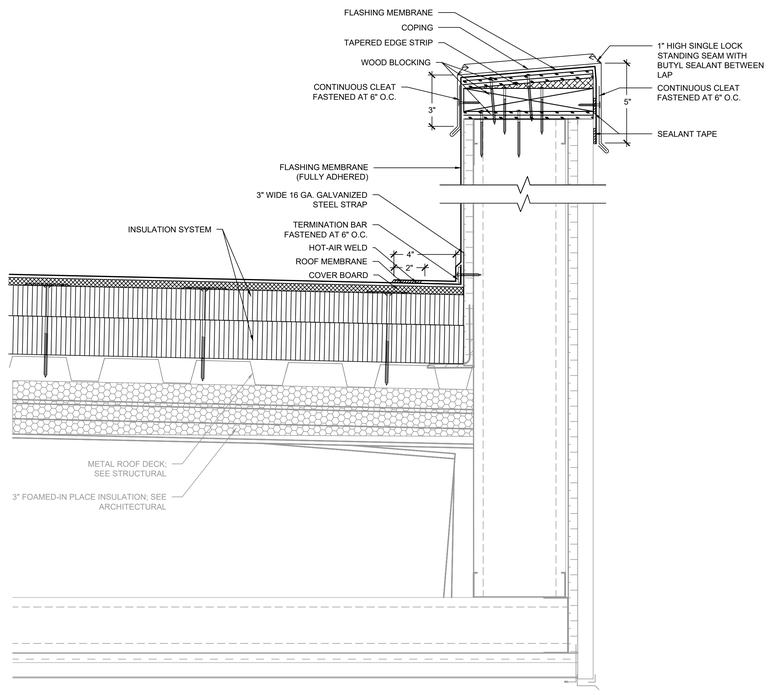
3 A-533 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 2/A-315

SCALE: 3" = 1'-0"



2 A-533 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 2/A-314

SCALE: 3" = 1'-0"



4 A-533 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 1/A-316

SCALE: 3" = 1'-0"

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CONSTRUCTION DOCUMENTS

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601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

ISSUE DATE:	6/12/2024
PROJECT #:	2205
DRAWN BY:	SEI
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ROOF DETAILS

A-533

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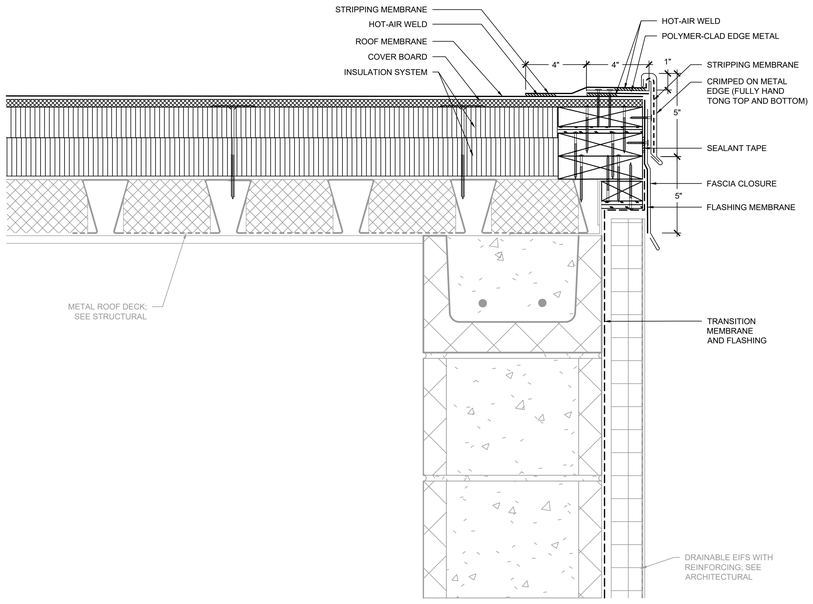
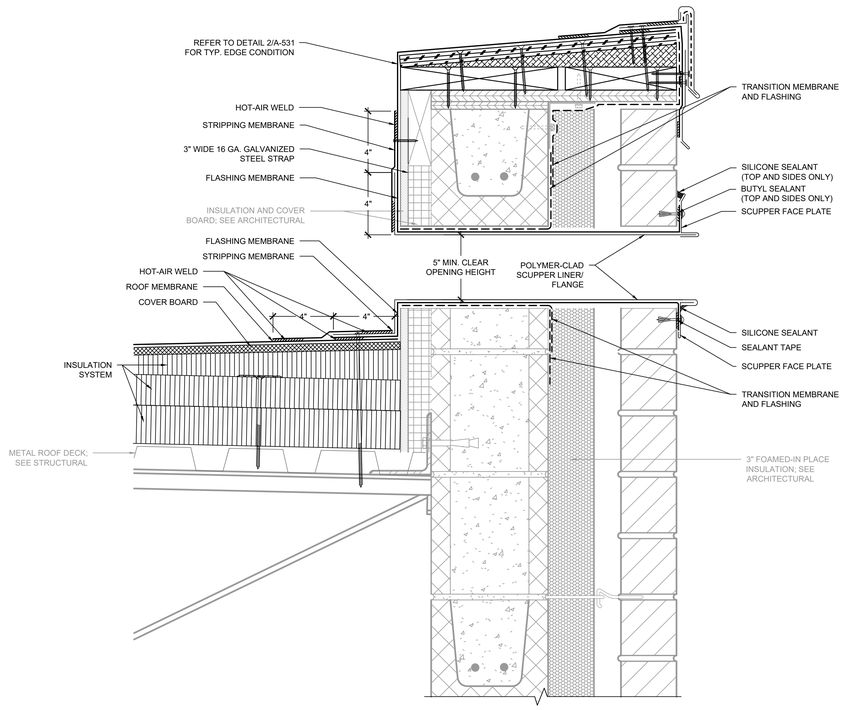


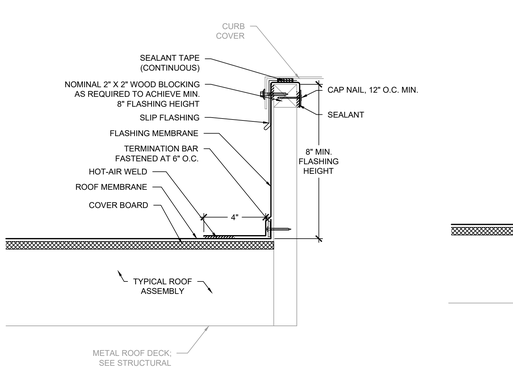
1 A-534 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 1/A-314

SCALE: 3" = 1'-0"



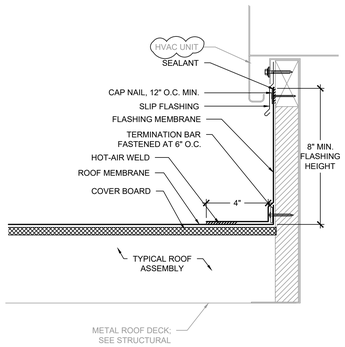
2 A-534 OVERFLOW SCUPPER

SCALE: 3" = 1'-0"



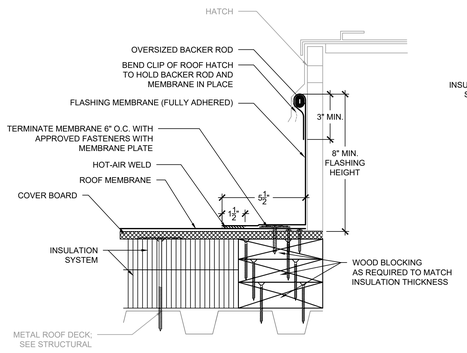
3 A-534 ROOF TOP CURB

SCALE: 3" = 1'-0"



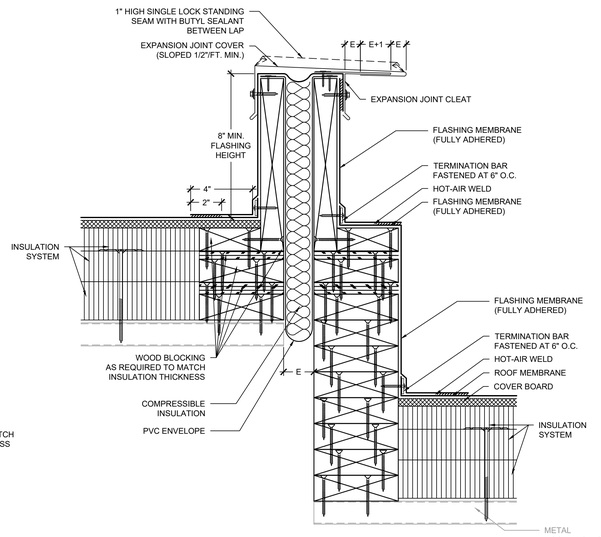
4 A-534 MECHANICAL UNIT

SCALE: 3" = 1'-0"



5 A-534 ROOF HATCH

SCALE: 3" = 1'-0"



6 A-534 TYPICAL EXPANSION JOINT

SCALE: 3" = 1'-0"

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NORTH CAROLINA PROFESSIONAL SEAL 049789 ENGINEER STEPHEN INGRAM 6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

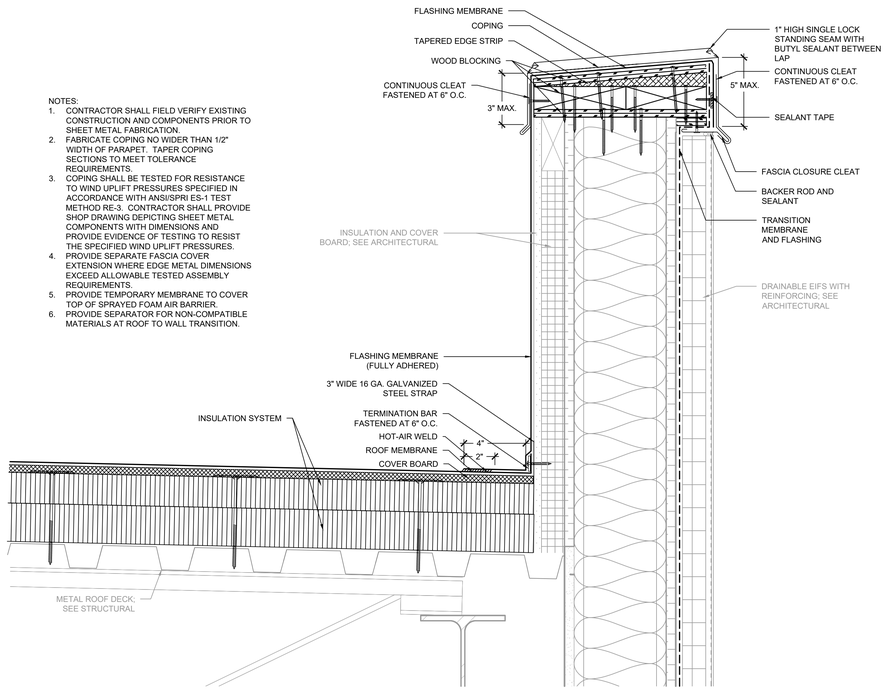
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

ISSUE DATE:	6/12/2024
PROJECT #:	2205
DRAWN BY:	SEI
CHECKED BY:	SEI

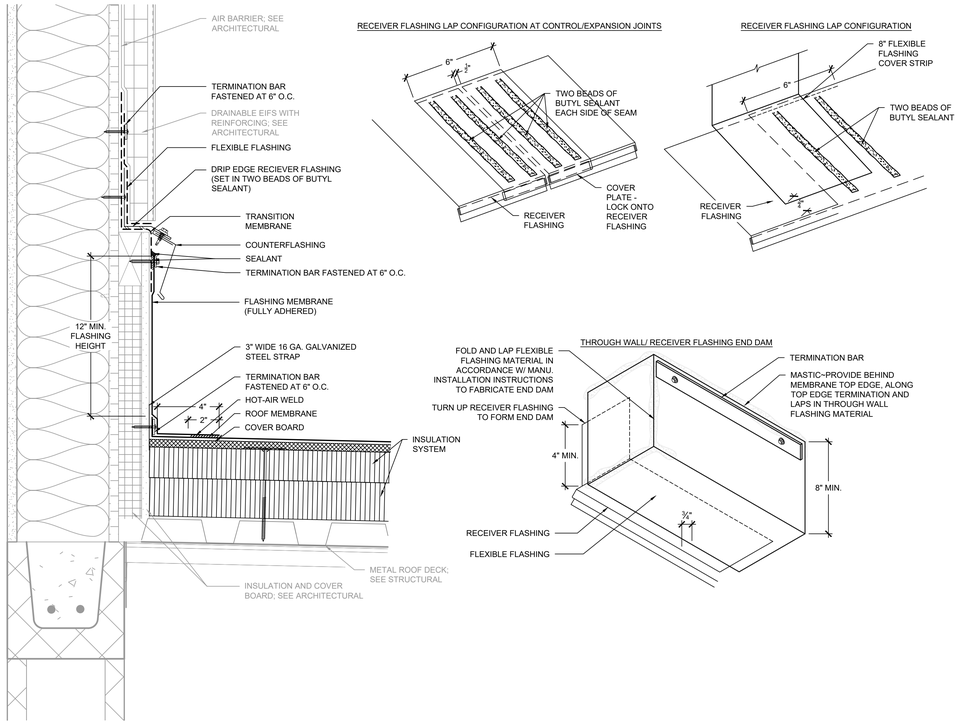
ROOF DETAILS

A-534



NOTES:
1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONSTRUCTION AND COMPONENTS PRIOR TO SHEET METAL FABRICATION.
2. FABRICATE COPING NO WIDER THAN 1/2" WIDTH OF PARAPET. TAPER COPING SECTIONS TO MEET TOLERANCE REQUIREMENTS.
3. COPING SHALL BE TESTED FOR RESISTANCE TO WIND UPLIFT PRESSURES SPECIFIED IN ACCORDANCE WITH ANSI/SPRI ES-1 TEST METHOD RE-3. CONTRACTOR SHALL PROVIDE SHOP DRAWING DEPICTING SHEET METAL COMPONENTS WITH DIMENSIONS AND PROVIDE EVIDENCE OF TESTING TO RESIST THE SPECIFIED WIND UPLIFT PRESSURES.
4. PROVIDE SEPARATE FASCIA COVER EXTENSION WHERE EDGE METAL DIMENSIONS EXCEED ALLOWABLE TESTED ASSEMBLY REQUIREMENTS.
5. PROVIDE TEMPORARY MEMBRANE TO COVER TOP OF SPRAYED FOAM AIR BARRIER.
6. PROVIDE SEPARATOR FOR NON-COMPATIBLE MATERIALS AT ROOF TO WALL TRANSITION.

1 A-535 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 1/A-505
SCALE: 3" = 1'-0"

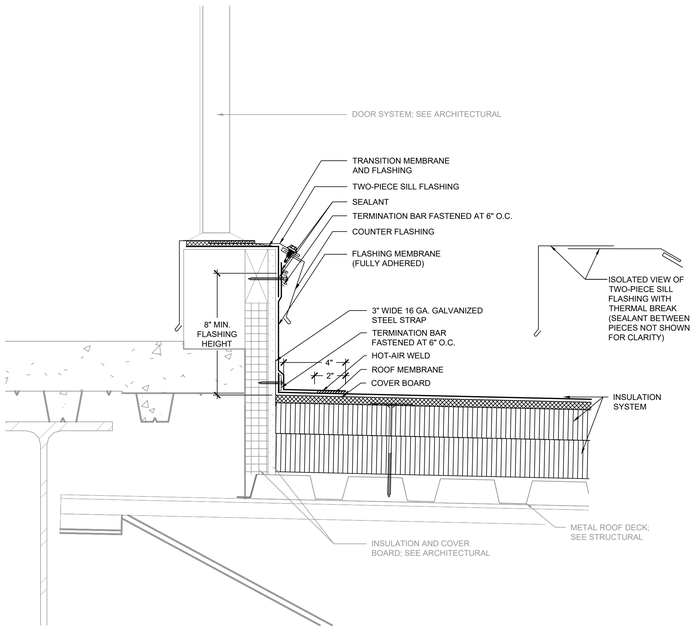


RECEIVER FLASHING LAP CONFIGURATION AT CONTROL/EXPANSION JOINTS

RECEIVER FLASHING LAP CONFIGURATION

THROUGH WALL/ RECEIVER FLASHING END DAM

2 A-535 ROOF SYSTEM AND THROUGH WALL FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 3/A-505
SCALE: 3" = 1'-0"



3 A-535 ROOF SYSTEM AND DOOR SILL FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 2/A-505
SCALE: 3" = 1'-0"

NOTES:
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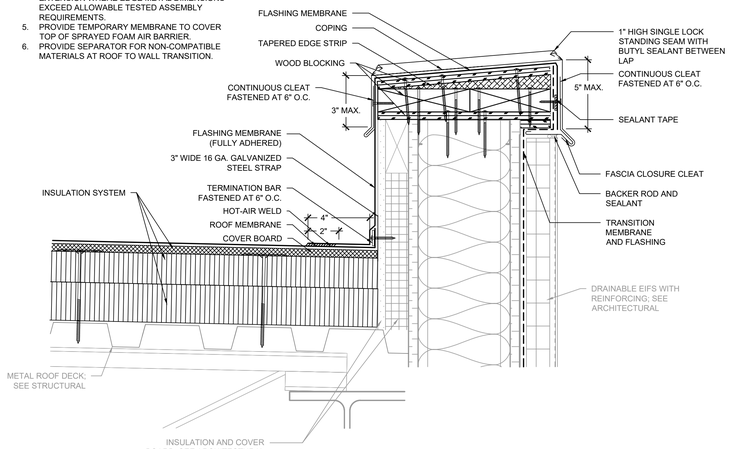
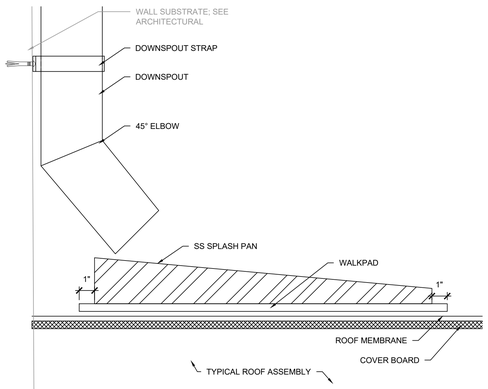
4. PROVIDE SEPARATE FASCIA COVER EXTENSION WHERE EDGE METAL DIMENSIONS EXCEED ALLOWABLE TESTED ASSEMBLY REQUIREMENTS.
5. PROVIDE TEMPORARY MEMBRANE TO COVER TOP OF SPRAYED FOAM AIR BARRIER.
6. PROVIDE SEPARATOR FOR NON-COMPATIBLE MATERIALS AT ROOF TO WALL TRANSITION.



4 A-535 ROOF SYSTEM FLASHING CORRESPONDING TO ARCHITECTURAL DETAIL 1/A-317
SCALE: 3" = 1'-0"



NOTES:
1. PROVIDE WALKPAD AT ALL ROOF DRAINAGE EDGES WHERE NO GUTTER OR DOWNSPOUT IS PROVIDED.

5 A-535 TYPICAL DOWNSPOUT AT LOWER ROOF
SCALE: 3" = 1'-0"

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6/12/2024

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

ISSUE DATE:	6/12/2024
PROJECT #:	2205
DRAWN BY:	SEI
CHECKED BY:	SEI

ROOF DETAILS

A-535

DOOR & FRAME SCHEDULE

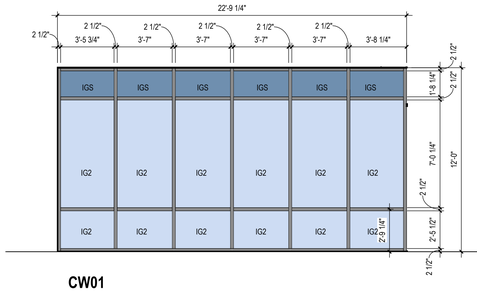
NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT	DOOR TYPE	FRAME TYPE	FRAME MAT	HW Set	FIRE RATING	KEYED NOTES
1-S1-A	3'-0"	7'-2"	1 3/4"	FRP	F	1	ALUM	11.0	--	CLSR,PHW
1-S4-A	3'-0"	7'-2"	1 3/4"	FRP	F	1	ALUM	11.0	--	CLSR,PHW
1-S5-A	6'-0"	7'-2"	1 3/4"	FRP	F(2)	3	ALUM	12.0	--	CLSR,PHW
2-S1-B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	29.0	45	CLSR,PHW, ALARM
2-S4-B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	29.0	45	CLSR,PHW, ALARM
2-S5-B	6'-0"	7'-0"	1 3/4"	WD	F(2)	2	ALUM	29.1	45	CLSR,PHW, ALARM
2-S7-A	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.1		CLSR
1100	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW02	ALUM	1.0		CR, PHW,CLSR
1100-E	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF06	ALUM	1.0		CR, PHW,CLSR
1100-F	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF06	ALUM	20.0		CLSR,PHW
1100-G	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF06	ALUM	20.0		CLSR,PHW
1100-H	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF06	ALUM	20.0		CLSR,PHW
1100-I	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF06	ALUM	20.0		CLSR,PHW
1100A	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW02	ALUM	4.0		CLSR,PHW
1100B	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW02	ALUM	4.0		CLSR,PHW
1100C	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW02	ALUM	4.0		CLSR,PHW
1100D	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW02	ALUM	4.0		CLSR,PHW
1102A	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF	ALUM	15.0		CR, PHW,CLSR
1102B	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF	ALUM	15.0		CR,CLSR
1102C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
1103	3'-0 3/4"	7'-2"	1 3/4"	ALUM	FG	SF	ALUM	37.0		CLSR
1104	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	50.0		
1105	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
1106	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	47.0		
1106-B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	56.0		
1106-C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
1107	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
1108	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	51.0		
1109	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
1110	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1111	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	56.0		
1111B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.1		
1112	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.1		CR,CLSR
1114	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	47.0		
1120	4'-0"	7'-10"	1 3/4"	HM	F	1	HM	57.0	90	EDHO, CLSR
1120A	3'-0"	7'-2"	1 3/4"	WD	N	1	ALUM	39.1		
1120B	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.3		
1120C	8'-0"	4'-8"	1 3/4"	STEEL	RR	-	STEEL	61.0	90	
1121	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	52.0		CLSR
1121B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	45.0		
1122	4'-0"	7'-10"	1 3/4"	HM	F	1	HM	57.0	90	EDHO, CLSR
1200A	6'-3"	7'-2"	1 3/4"	ALUM	FG(2)	SF	ALUM	17.0		CLSR,PHW
1200B	6'-3"	7'-2"	1 3/4"	ALUM	FG(2)	SF	ALUM	17.0		CLSR,PHW
1200C	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	ALUM	33.1		CLSR,PHW
1200D	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	ALUM	33.1		CLSR,PHW
1202	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1203	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1203C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1204	6'-0"	7'-2"	1 3/4"	WD	F(2)	2	ALUM	44.0	--	
1205	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1205-B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
1206	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	40.0		CLSR
1207	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1207-B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
1208	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1208B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1209	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1301 - B	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF12	ALUM	16.0	--	
1301-A	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF12	ALUM	16.0	--	CLSR,PHW
1301-C	6'-0 3/4"	7'-2 1/4"	1 3/4"	ALUM	FG(2)	SF32	ALUM	5.0		CLSR,PHW
1301-D	6'-0 3/4"	7'-2 1/4"	1 3/4"	ALUM	FG(2)	SF32	ALUM	5.0		CLSR,PHW
1302	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1303	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	59.0		CLSR
1304	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	47.0		
1305	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
1306	6'-0"	7'-2"	1 3/4"	WD	F(2)	2	ALUM	43.0	--	
1306-A	6'-0"	7'-2"	1 3/4"	FRP	F(2)	2	ALUM	7.1		CLSR,CR
1307	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1308	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1308-A	6'-0"	7'-2"	1 3/4"	FRP	F(2)	3	ALUM	9.0		CLSR,PHW
1309	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	47.0		
1310	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	ALUM	49.0	--	
1310-A	6'-0"	7'-2"	1 3/4"	FRP	F(2)	3	ALUM	9.0		CLSR,PHW
1311	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	52.0		CLSR
1313	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
1314	6'-0"	7'-2"	1 3/4"	FRP	F(2)	2	ALUM	7.1		CLSR,CR
1401	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW07	ALUM	1.1		CR, PHW,CLSR
1401A	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW07	ALUM	4.1		CLSR,PHW
1401B	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW07	ALUM	4.1		CLSR,PHW
1401C	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW07	ALUM	4.1		CLSR,PHW
1401D	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW07	ALUM	4.1		CLSR,PHW
1402	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	60.0		
1402-A	4'-0"	7'-2"	1 3/4"	WD	N	1	ALUM	6.1		CR,CLSR
1403	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1404	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	58.0		
1405	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
1406	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.3		
1410	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.2		
1411A	6'-0"	7'-2"	1 3/4"	FRP	F(2)	3	ALUM	10.0	--	CLSR,PHW
1411B	3'-6"	7'-2"	1 3/4"	FRP	F	1	ALUM	13.1	--	CLSR,PHW
1500B	6'-0"	7'-2"	1 3/4"	WD	F(2)	2	ALUM	33.2		CLSR,PHW, STC 43
1502	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1502A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	6.0		CR, PHW,CLSR
1503	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
1503B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
1504	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1504A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	6.0		CR, PHW,CLSR
1505	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1506	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1506A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	6.0		CR, PHW,CLSR
1508	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1508A	6'-0"	7'-0"	1 3/4"	WD	FG(2)	3	ALUM	2.1		CR, PHW,CLSR
1508B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.1		
1510	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.3		CLSR,PHW, STC 43
1510A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	6.0		CR, PHW,CLSR
1510B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.3		
1510C	8'-0"	10'-0"	1 3/4"	STEEL	OHD	-	STEEL	61.0		
1510D	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	42.0		CLSR,PHW
1511	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	45.0		CLSR
1512	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1512A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	6.1		CR,CLSR,
1512B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	51.0		
1512C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	51.0		
1513	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		CLSR
1514	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1514A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	6.0		CR, PHW,CLSR
1514B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	40.0		CLSR
1514C	8'-0"	10'-0"	1 3/4"	STEEL	OHD	-	STEEL	61.0		
1515	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
1516	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	3.0		CLSR,PHW
1516A	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	48.2		CR, PHW,CLSR
1516B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	6.0		CLSR
1516C	8'-0"	10'-0"	1 3/4"	STEEL	OHD	-	STEEL	61.0		

DOOR & FRAME SCHEDULE

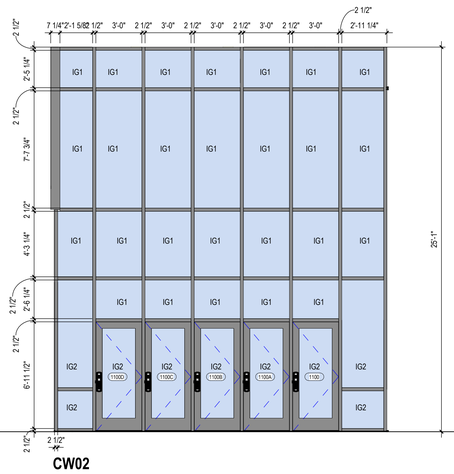
NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT	DOOR TYPE	FRAME TYPE	FRAME MAT	HW Set	FIRE RATING	KEYED NOTES
1518	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
1601	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1602	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF16	ALUM	18.0		CLSR
1602B	3'-0"	7'-2"	1 3/4"	GLASS	FG	1	ALUM	46.0		
1604	3'-0"	7'-0"	1 3/4"	ALUM	FG	SF18.1	ALUM	19.0		CLSR
1605	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1606	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1607	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	47.0		
1608	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
1610	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	37.1		CR,CLSR
1612	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1612A	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1613	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	40.0		CLSR
1614	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.0		CLSR
1615	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.0		CLSR
1618	3'-0"	7'-0"	1 3/4"	ALUM	FG	1	ALUM	19.0	--	
1619	3'-0"	7'-0"	1 3/4"	ALUM	FG	1	ALUM	19.0	--	
1620	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
1620B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.1		
1704	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1706	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1708	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1708A	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW05	ALUM	4.1		CLSR,PHW
1708B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.0		CLSR
1709	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	45.0		CLSR
1710	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1710A	3'-0"	7'-2"	1 3/4"	ALUM	FG	CW05	ALUM	4.1		CLSR,PHW
1710B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.0		CLSR
1711	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	45.0		CLSR
1716	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1716A	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1716B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.1		CLSR
1718	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1718A	3'-0"	7'-2"	1 3/4"	HM	F	1	ALUM	8.0		CLSR,PHW
1718B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.1		CLSR
1802	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1802A	3'-0 1/2"	7'-2 1/4"	1 3/4"	ALUM	FG	SF29	ALUM	4.0		CLSR,PHW
1802C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
1804	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1804A	3'-0 1/2"	7'-2 1/4"	1 3/4"	ALUM	FG	SF29	ALUM	4.0		CLSR,PHW
1804B	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
1804C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
1806	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.2		CLSR,PHW
1806A	3'-0 1/2"	7'-2 1/4"	1 3/4"	ALUM	FG	SF29	ALUM	4.2		CLSR,PHW- ALARM
1806B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	55.0		
1806C	5'-0"	7'-2"	1 3/4"	WD	F(2)	2	ALUM	44.0		
1808	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
1808A	3'-0 3/4"	7'-2 1/4"	1 3/4"	ALUM	FG	SF	ALUM	4.2		CLSR,PHW- ALARM
1808B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	55.0		
2101	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	45.0		CLSR
2102	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2104	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2106	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2107	3'-0"	7'-2"	1 3/4"	ALUM	FG	1	ALUM	24.0		CLSR,PHW
2107A	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.0		CLSR
2108	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2109	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2110	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2112	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2113	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
2114	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2115	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2116	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2117	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2118	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2120	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2122	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2126	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2126B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
2202	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
2203	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
2204	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
2205	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
2206	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	46.0		
2207	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2208	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2209	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	45.0		CLSR
2210	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2211	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2212	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2214	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2215	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
2216	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2218	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2219	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2220	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2221	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2222	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2224	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2226	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2227	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.3		
2228	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2230	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.1		
2230B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	38.0		CLSR
2233	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
2233B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	54.0		CLSR
2233C	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	37.0		CR,CLSR
2239	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	48.0		
C1100	3'-0"	7'-2"	1 3/4"	ALUM	FG	SF27	ALUM	4.0		PHW,CLSR
C1200	8'-0"	7'-2"	1 3/4"	WD	N(2)	2	ALUM	7.0		CR, PHW,CLSR
C1200A	8'-0"	7'-2"	1 3/4"	WD	N(2)	3	ALUM	33.0		CLSR,PHW
C1300	8'-0"	7'-2"	1 3/4"	WD	N(2)	3	ALUM	9.0		CLSR,PHW
C1300A	4'-0"	7'-2"	1 3/4"	WD	N	1	ALUM	6.2		CR, PHW,CLSR
C1300B	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	ALUM	27.2	--	CR, PHW,CLSR, EDHO
C1500	6'-4"	7'-2"	1 3/4"	ALUM	FG	3	ALUM	2.0		PHW,CLSR
C1500C	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	HM	27.1	90 min	CR, PHW,CLSR, EDHO
C1600	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	HM	27.1	90 min	PHW,CLSR, EDHO
C1600A	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	HM	27.0	90 min	CR, PHW,CLSR, EDHO
C1700	6'-4"	7'-2"	1 3/4"	ALUM	FG	3	ALUM	2.0		PHW,CLSR
C1700A	6'-0"	7'-2"	1 3/4"	ALUM	FG(2)	3	ALUM	21.0		CLSR,PHW
C1800	6'-0"	7'-2"	1 3/4"	WD	N(2)	2	ALUM	27.0	90 min	CR, PHW,CLSR, EDHO
C1800A	6'-0"	7'-2"	1 3/4"	ALUM	FG(2)	SF13	ALUM	33.1		CLSR,PHW
C2100	6'-1"	7'-2"	1 3/4"	ALUM	FG(2)	SF	ALUM	33.1		CLSR,PHW
E1301	6'-0"	7'-2"	1 3/4"	FRP	F(2)	3	ALUM	9.0		CLSR,PHW
E1301-B	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	32.0	45	CLSR,PHW
M1502	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1504	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1506	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1512	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1704	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1706	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		

DOOR & FRAME SCHEDULE

NO.	DOOR WIDTH	DOOR HEIGHT	DOOR THK	DOOR MAT	DOOR TYPE	FRAME TYPE	FRAME MAT	HW Set	FIRE RATING	KEYED NOTES
M1708	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1710	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1716	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1718	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1802	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1804	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1806	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M1808	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2100	4'-0"	7'-2"	1 3/4"	WD	F(2)	2	ALUM	44.0		
M2102	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2104	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2106	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2108	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2110	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2112	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2114	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2116	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2118	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2120	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2122	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2126	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2208	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2210	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2212	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2214	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2216	3'-0"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2218	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2220	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2222	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2224	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2226	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2228	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2230	2'-8"	7'-2"	1 3/4"	WD	F	1	ALUM	39.0		
M2300



CW01



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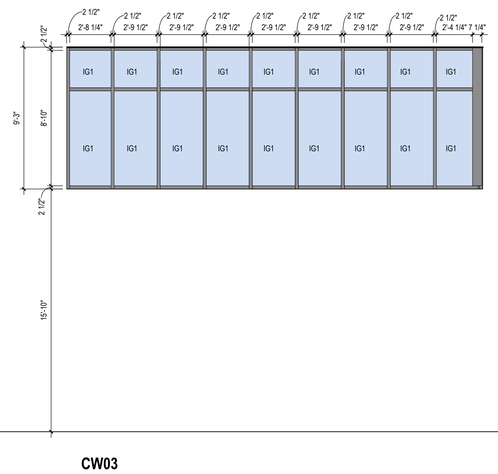

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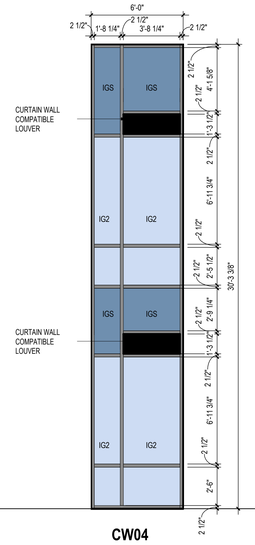
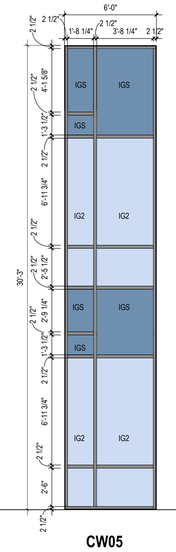


CW04



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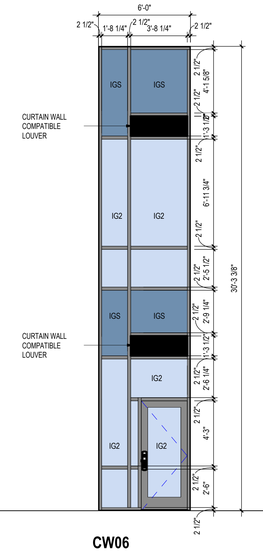

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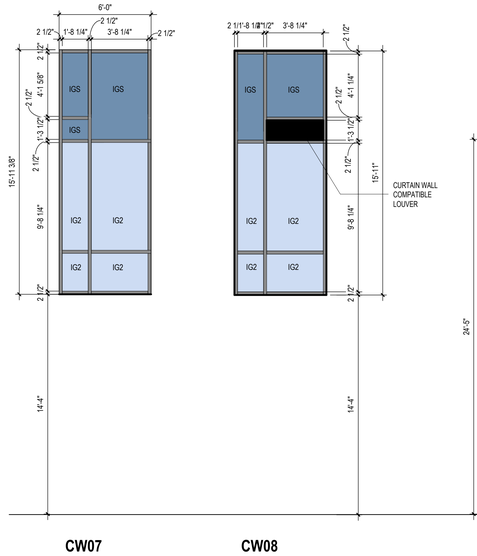

CW07

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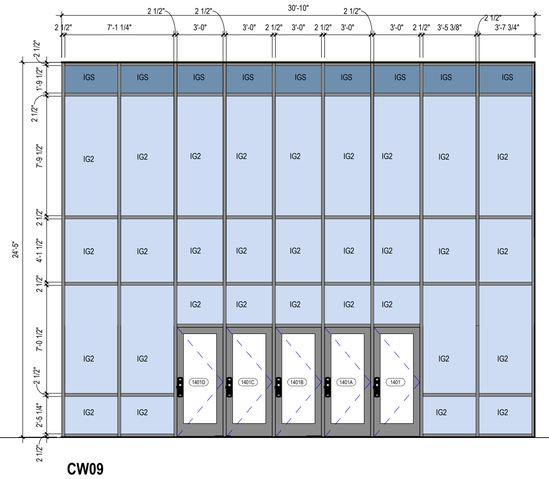
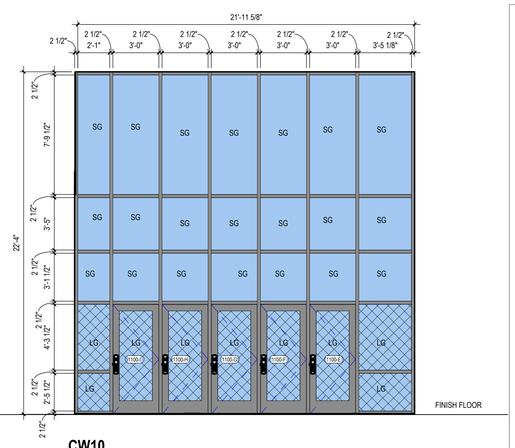


CW09



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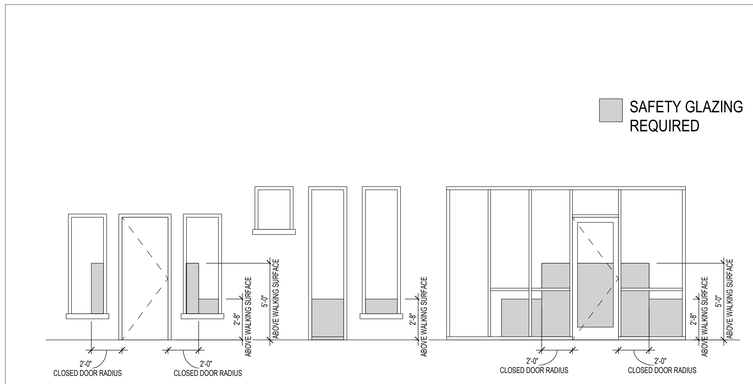

*NOTE: ONLY GLAZING LOCATED 36" OR LESS FROM ADJACENT WALKING SURFACE TO MEET REQUIREMENTS ABOVE, EXCEPT GLAZING LOCATIONS WITHIN THE 24" CLOSED DOOR RADIUS REQUIREMENT

1 / A-602 **SAFETY GLAZING REQUIREMENT DIAGRAM**

SCALE: 1/4" = 1'-0"

FRAME LEGEND

SYMBOL	DESCRIPTION
CW	6" AND 7 1/2" CURTAIN WALL
SF	6" NOMINAL ALUMINUM INTERIOR FRAMING SYSTEM. 4 1/2" STORE FRONT NON-THERMALLY BROKEN **(INDICATED WITH "X.1" INDICATOR)** 4 1/2" STORE FRONT THERMALLY BROKEN

GENERAL NOTES:

1.EXTERIOR CURTAIN WALL AND STOREFRONT SHALL HAVE A THERMAL BREAK TYPE FRAME. INTERIOR STOREFRONT NOT REQUIRED TO HAVE A THERMAL BREAK FRAME.
2.FIELD VERIFY ALL OPENING DIMENSIONS PRIOR TO MANUFACTURING CURTAIN WALLS,STOREFRONT AND HOLLOW METAL FRAMES.

GLAZING SCHEDULE

TYPE	DESCRIPTION
SG	SAFTEY GLASS, 1/4" CLEAR TEMPERED
IG1	INSULATED SAFETY GLASS UNITS, CLEAR, TEMPERED (LOW E)
IG2	INSULATED SAFETY GLASS UNITS, **TINTED**, TEMPERED, (LOW E)
IG3	INSULATED SAFETY GLASS UNITS, CLEAR, TEMPERED
IGT	INSULATED GLASS UNITS, TRANSLUCENT FILM (LOW E)
IGS	INSULATED SAFETY GLASS UNITS, SPANDREL, TEMPERED
LG	LAMINATE GLASS UNITS, 1/4" CLEAR
ILG	INSULATED LAMINATE GLASS UNITS

NOTE: FOR DETAILED INFORMATION SEE SPECIFICATIONS SECTION 088000-GLAZING

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
DRAWN BY: MK
CHECKED BY: MK

CURTAIN WALL TYPES

A-602

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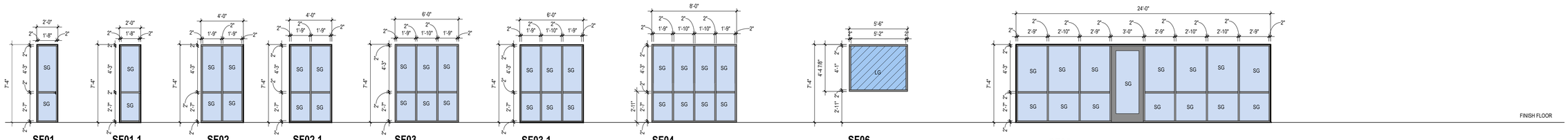

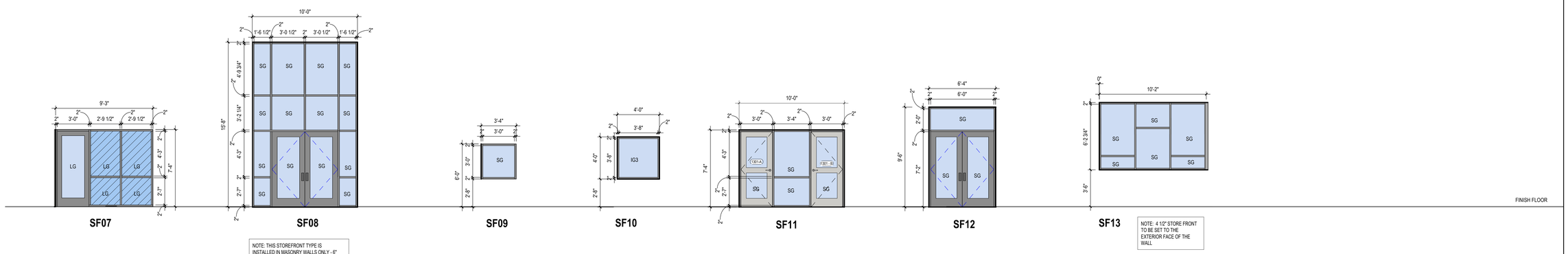

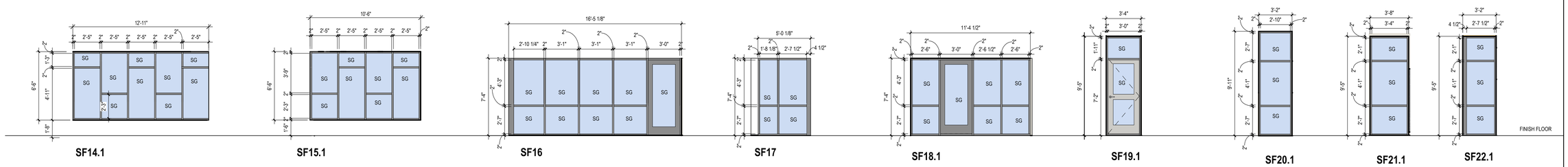

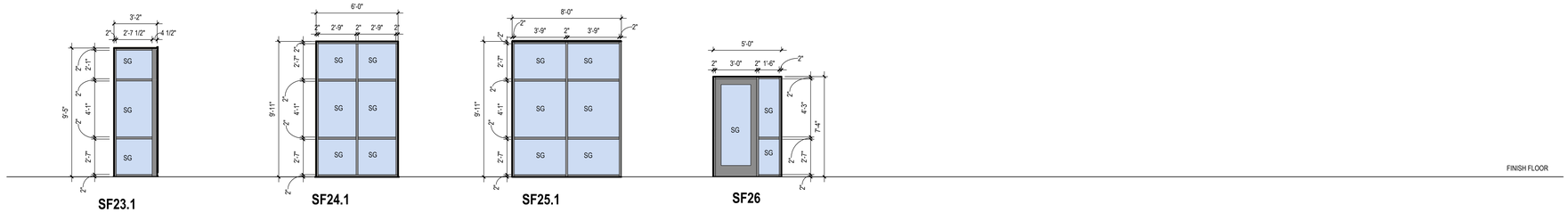

FRAME LEGEND

SYMBOL	DESCRIPTION
CW	6" AND 7 1/2" CURTAIN WALL
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GLAZING SCHEDULE

TYPE	DESCRIPTION
SG	SAFTEY GLASS, 1/4" CLEAR TEMPERED
IG1	INSULATED SAFETY GLASS UNITS, CLEAR, TEMPERED (LOW E)
IG2	INSULATED SAFETY GLASS UNITS, **TINTED**, TEMPERED, (LOW E)
IG3	INSULATED SAFETY GLASS UNITS, CLEAR, TEMPERED
IGT	INSULATED GLASS UNITS, TRANSLUCENT FILM (LOW E)
IGS	INSULATED SAFETY GLASS UNITS, SPANDREL, TEMPERED
LG	LAMINATE GLASS UNITS, 1/4" CLEAR
ILG	INSULATED LAMINATE GLASS UNITS

NOTE: FOR DETAILED INFORMATION SEE SPECIFICATIONS SECTION 088000-GLAZING

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
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STOREFRONT TYPES - INTERIOR

A-621

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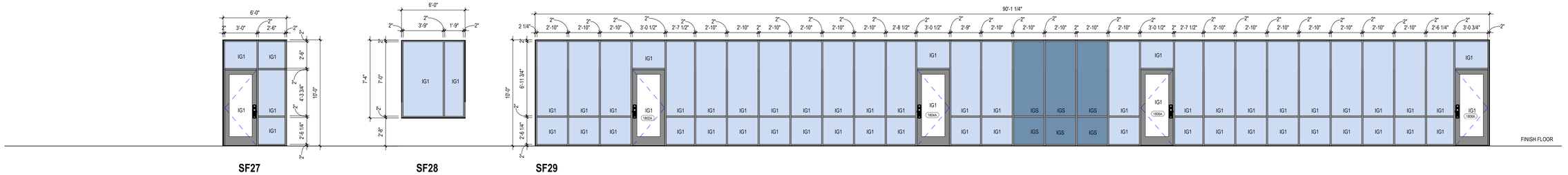

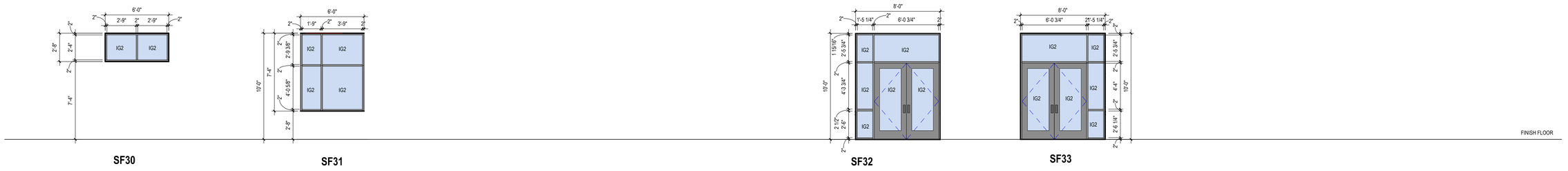

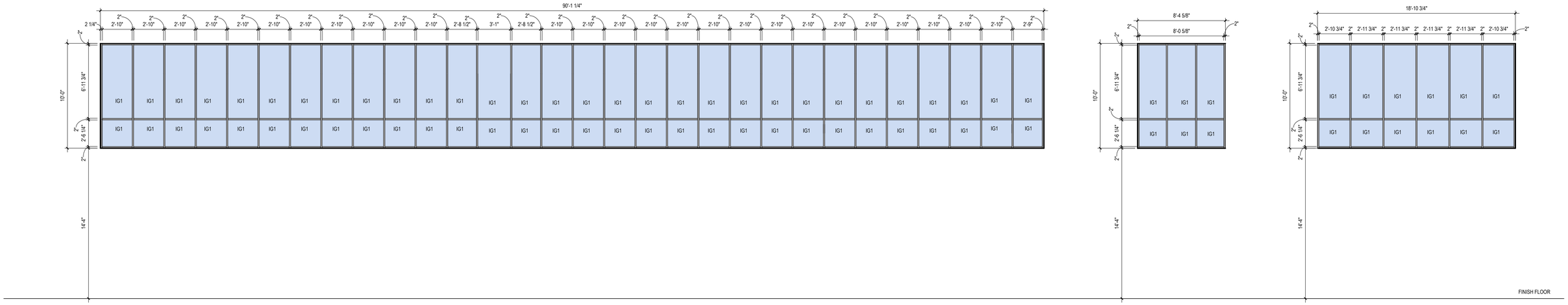

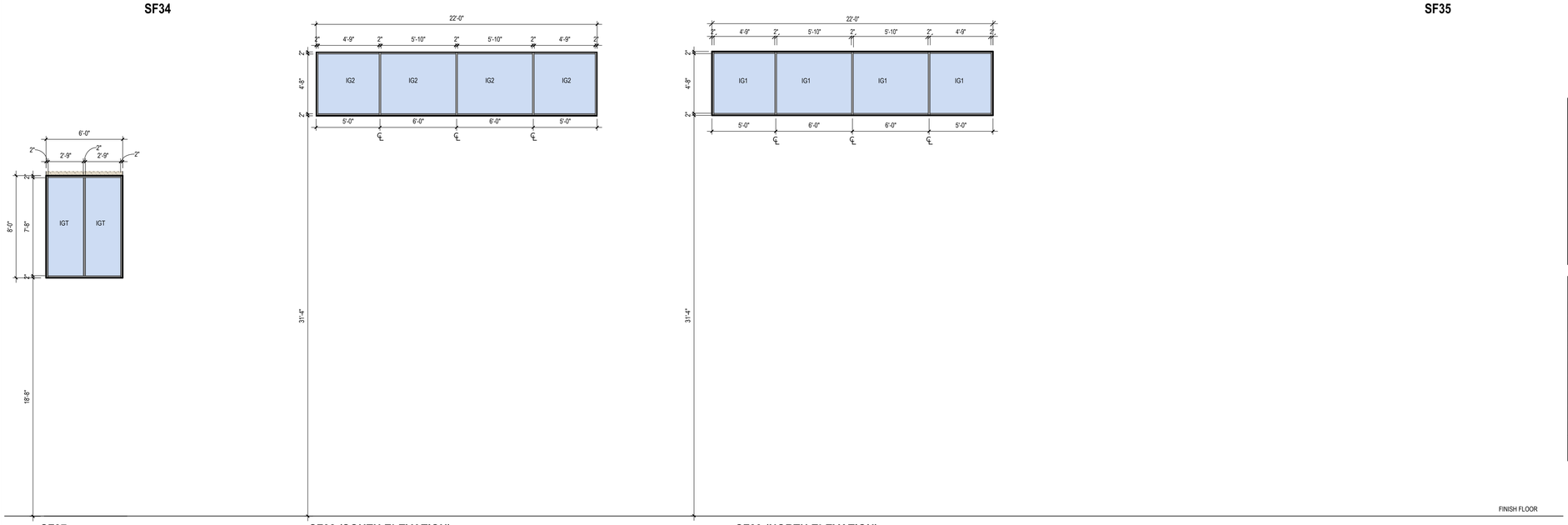

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NOTE: FOR DETAILED INFORMATION SEE SPECIFICATIONS SECTION 088000-GLAZING

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

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STOREFRONT TYPES

A-622

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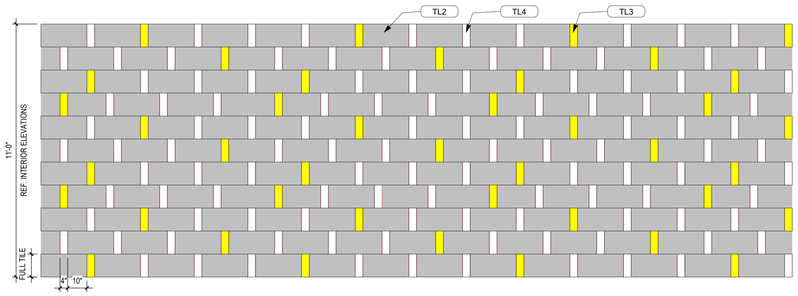
INTERIOR FINISH LEGEND

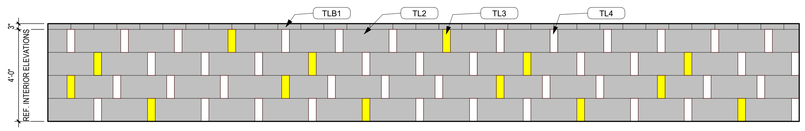
MARK	MATERIAL	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL NO.	Size	NOTES
03 - CONCRETE					
03 30 00 - CAST-IN-PLACE CONCRETE					
SC1	SEALED CONCRETE	---	SEALED CONCRETE		
06 - WOODS, PLASTICS, AND COMPOSITES					
06 40 23 - PLASTIC LAMINATES					
PL1	PLASTIC LAMINATE	FORMICA	NEUTRAL WEFT 5875-58 (MATTE FINISH)	-	COUNTERTOPS AND BACKSPLASHES, UNO
PL2	PLASTIC LAMINATE	FORMICA	MILLENNIUM OAK 5887-43 (ARTISAN FINISH)	-	BASE AND UPPER CABINETS, UNO
PL3	PLASTIC LAMINATE	FORMICA	MILLENNIUM OAK 5887-58 (MATTE FINISH)	-	SERVING LINE
06 61 16 - SOLID SURFACING FABRICATIONS					
SSM1	SOLID SURFACE	FORMICA	LUNA SAND 757	1/2" THICKNESS	
06 83 16 - FIBERGLASS REINFORCED PANELING					
FRP1	FIBERGLASS REINFORCED PANELS	MARLITE	STANDARD FRP, P100 WHITE, PEBBLED SURFACE		INSTALLED TO 48" AFF WITH EPOXY PAINT ABOVE, UNO
08 - OPENINGS					
08 14 16 - FLUSH WOOD DOORS					
WD	WOOD DOORS	VT INDUSTRIES	RED OAK (PLAIN SLICED) ARCHITECT TO SELECT STAIN FROM MANUFACTURER'S FULL LINE		
09 - FINISHES					
09 30 00 - TILING					
TL1	TILING	DALTILE	PORTFOLIO, FANGO PF03	12" X 12" FACTORY CUT	FIELD FLOORING
TL2	TILING	DALTILE	PORTFOLIO, DOVE GREY PF04	12" X 24"	FIELD WALLS
TL3	TILING	DALTILE	COLOR WHEEL LINEAR - MUSTARD 1012 - GLOSSY	4" X 12"	
TL4	TILING	DALTILE	COLOR WHEEL LINEAR - BISCUIT K175 - GLOSSY	4" X 12"	
TLB1	TILING	DALTILE	PORTOLIO BULLNOSE BASE P43C9, FANGO PF03	3" X 12"	
09 51 13 - ACOUSTICAL PANEL CEILINGS					
APC1	ACOUSTICAL PANEL CEILING	ARMSTRONG	CALLA, TEGULAR, WHITE TILES WHITE GRID	24" X 24"	TYPICAL PUBLIC AREA, MINIMUM NRC .80
APC2	ACOUSTICAL PANEL CEILING	ARMSTRONG	ULTIMA HEALTH ZONE, TEGULAR, WHITE TILES WHITE GRID	24" X 24"	KITCHEN LOCATIONS
APC3	ACOUSTICAL PANEL CEILING	ARMSTRONG	FINE FISSURED SCHOOL ZONE, TEGULAR, WHITE TILES WHITE GRID	24" X 24"	INCLUDING BUT NOT LIMITED TO CLASSROOMS AND OFFICES, MINIMUM NRC .70
09 64 66 - WOOD ATHLETIC FLOORING					
WAF1	WOOD ATHLETIC FLOORING	CONNOR SPORTS FLOOR	WOOD ATHLETIC FLOATING FLOOR SYSTEM, DURACUSHION III, MAPLE: CLEAR URATHANE FINISH		
09 65 00 - RESILIENT FLOORING					
LVT1	LUXURY VINYL TILE	TARKETT	EVENT ABSTRACT - PEME MELANGE - 11188 PIETRO	18" X 18" X 2.5 MM THICKNESS	WHITE
LVT2	LUXURY VINYL TILE	TARKETT	EVENT ABSTRACT - PEME MELANGE - 11189 ONYX	18" X 18" X 2.5 MM THICKNESS	GREY
LVT2A	LUXURY VINYL TILE	TARKETT	EVENT ABSTRACT - PEME MELANGE - 11189 ONYX	18" X 18" X 2.5 MM THICKNESS	GREY - PROVIDE ACOUSTICAL BACKING
LVT3	LUXURY VINYL TILE	TARKETT	EVENT ABSTRACT - PEME MELANGE - 11183 DAISY	18" X 18" X 2.5 MM THICKNESS	YELLOW
LVT4	LUXURY VINYL TILE	TARKETT	ID LATITUDE WOOD - COLOR TBD	6" X 48" X 2.5 MM THICKNESS	WOOD
RB1	RUBBER WALL BASE	FLEXCO	UMBER 078	4" COVE BASE	
RB2	RUBBER WALL BASE	FLEXCO	UMBER 078	4" TOELESS BASE	
RB3	VENTED BASE	FLEXCO	BLACK DAHLIA 01	4" VENTED BASE	
09 65 66 - RESILIENT ATHLETIC FLOORING					
RAF1	RESILIENT ATHLETIC FLOORING	ALLSTATE	RENEW RUBBER, COLOR EARL GREY (R2)		
RAF2	RESILIENT ATHLETIC FLOORING	GERFLOOR	TARAFLEX SPORT M PLUS WITH BLEACHERBLOCK BENEATH BLEACHERS: COLOR 6381 MAPLE	7.5 MM THICK 4.92' X 86.5'	WOOD LOOK - MIDDLE SCHOOL GYM
09 67 23 - RESINOUS FLOORING					
RSB1	EPOXY BASE	DUR-A-FLEX	TO MATCH RSF1		
RSF1	EPOXY FLOORING	DUR-A-FLEX	HYBRI-FLEX EC, SHALE		
09 68 13 - TILE CARPETING					
CPT1	CARPET TILE	TARKETT	FLAME EDIT 11612 BALLAST 22412	24" X 24"	
CPT2	CARPET TILE	TARKETT	FLAME EDIT 11612 COMMON GROUND 22404	24" X 24"	
CPT3	CARPET TILE	TARKETT	CREATE BALANCE, CUSTOM COLOR 114812942-190	18" X 36"	TO MATCH CP1, ARCHITECT APPROVED SAMPLE MUST BE USED
CPT4	CARPET ENTRYWAY SYSTEM	TARKETT	ASSERTIVE ACTION 04837 CHROMIUM 26201	24" X 24"	
09 68 16 - SHEET CARPETING					
CP1	SHEET CARPET	TARKETT	CREATE BALANCE WITH POWERBOND CUSHION, CUSTOM COLOR 114812942-190	72" ROLL WIDTH	TO MATCH CPT3, ARCHITECT APPROVED SAMPLE MUST BE USED
09 84 00 - ACOUSTICAL ROOM COMPONENTS					
AWP1	ACOUSTICAL WALL PANEL	CARDINAL ACOUSTICS	DIRECT ATTACH ACOUSTICAL WALL PANELS, PAINTED TO MATCH P1	1" THICK, REF. INT. ELEVATIONS	
AWP2	ACOUSTICAL WALL PANEL	CARDINAL ACOUSTICS	DIRECT ATTACH ACOUSTICAL WALL PANELS, PAINTED TO MATCH P5	1" THICK, REF. INT. ELEVATIONS	
AWP3	ACOUSTICAL WALL PANEL	CARDINAL ACOUSTICS	DIRECT ATTACH ACOUSTICAL WALL PANELS, PAINTED TO MATCH P6	1" THICK, REF. INT. ELEVATIONS	
AWP4	ACOUSTICAL WALL PANEL	CARDINAL ACOUSTICS	DIRECT ATTACH ACOUSTICAL WALL PANELS, PAINTED TO MATCH P7	1" THICK, REF. INT. ELEVATIONS	
AWP5	ACOUSTICAL WALL PANEL	CARDINAL ACOUSTICS	DIRECT ATTACH ACOUSTICAL WALL PANELS, PAINTED TO MATCH P3	1" THICK, REF. RCP	
FWP1	ACOUSTICAL FABRIC WRAPPED PANEL	DECOUSTICS	FABRIC WRAPPED PANELS, FABRIC: MAHARAM MESSENGER 046 ICE, SQUARE EDGES, BUTT JOINT SEAM	1" THICK, REF. INT. ELEVATIONS	LIGHT GRAY
FWP2	ACOUSTICAL FABRIC WRAPPED PANEL	DECOUSTICS	FABRIC WRAPPED PANELS, FABRIC: MAHARAM MESSENGER 031 CLOUD, SQUARE EDGES, BUTT JOINT SEAM	1" THICK, REF. INT. ELEVATIONS	DARK GRAY
FWP3	ACOUSTICAL FABRIC WRAPPED PANEL	DECOUSTICS	FABRIC WRAPPED PANELS, FABRIC: MAHARAM MESSENGER 072 MAIZE, SQUARE EDGES, BUTT JOINT SEAM	1" THICK, REF. INT. ELEVATIONS	YELLOW
09 90 00 - PAINTING AND COATING					
ES1	INTERIOR PAINT		EXPOSED STRUCTURE	-	PAINTED TO MATCH P1
ES2	INTERIOR PAINT		EXPOSED STRUCTURE	-	PAINTED TO MATCH P3
ES3	INTERIOR PAINT		EXPOSED STRUCTURE	-	UNPAINTED
P1	INTERIOR PAINT	SHERWIN WILLIAMS	HERON PLUME SW 6070	-	FIELD PAINT, UNO.
P2	INTERIOR PAINT	SHERWIN WILLIAMS	DOVETAIL SW 7018	-	LIGHT GREY
P3	INTERIOR PAINT	SHERWIN WILLIAMS	GAUNTLET GREY SW 7019	-	GREY, DOOR FRAMES
P4	INTERIOR PAINT	SHERWIN WILLIAMS	BLACK FOX SW 7020	-	DARK GREY
P5	INTERIOR PAINT	SHERWIN WILLIAMS	GOLDEN PLUMERIA SW 9019	-	LIGHT YELLOW
P6	INTERIOR PAINT	SHERWIN WILLIAMS	CHEERFUL SW 6903	-	YELLOW
P7	INTERIOR PAINT	SHERWIN WILLIAMS	GOLDFINCH SW 6905	-	DARK YELLOW
WD1	WOOD STAIN		RED OAK, STAINED TO MATCH WOOD DOORS (WD) ARCHITECT TO SELECT FROM MANUFACTURER'S FULL RANGE	-	

INTERIOR FINISH LEGEND

MARK	MATERIAL	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL NO.	Size	NOTES
10 - SPECIALTIES					
10 14 00 - SIGNAGE					
WC1	WALLCOVERING	AVERY DENNISON	MPI 1405 WITH DOL 6460	REF. INTERIOR ELEVATIONS	FOR SMOOTH SURFACES AND GYP. BD. WALLS. ARCHITECT TO PROVIDE ARTWORK
WC2	WALLCOVERING	AVERY DENNISON	MPI 1105 WITH DOL 1300Z	REF. INTERIOR ELEVATIONS	FOR BLOCK WALLS. ARCHITECT TO PROVIDE ARTWORK.
10 21 13 - PLASTIC TOILET COMPARTMENTS					
TP1	SOLID PLASTIC TOILET PARTITIONS	ASI GLOBAL PARTITIONS	9205 BLACK	-	
10 26 23.14 - WALL PROTECTION					
CG1	CORNER GUARD	INPRO	STAINLESS STEEL	2"X2"X7'-8" ALIGN WITH TOP OF ADJACENT DOORS WHERE APPLICABLE	TO BE INSTALLED AT ALL OUTSIDE GYP. BD. CORNERS IN PUBLIC SPACES U.N.O. REFER TO FINISH PLANS AND INTERIOR PLAN DETAILS FOR MORE INFORMATION
10 51 13 - METAL LOCKERS					
LCK1	METAL LOCKERS	PENCO	GUARDIAN, 2-TIER, W/ FRONT BASE , CLASSIC II RECESSED HANDLE FOR MULTI-POINT LATCHING, SLOPED TOP, COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE	15"W X 15"D X 72"H	
11 - EQUIPMENT					
11 66 23.53 - WALL PADDING					
WP1	WALL PADDING	DRAPER	ECOVISION WALL PAD, COLOR BLACK	2' X 6'	1" FABRIC WRAPPED MOUNTING FLANGES AT PANEL TOP AND BOTTOM
12 - FURNISHINGS					
12 24 13 - ROLLER SHADES					
WT1	WINDOW TREATMENT	MERMET	ARCHITECT TO SELECT FROM MANUFACTURER'S FULL LINE	SHADES TO EXTEND FULL LENGTH OF EXPOSED GLASS	MANUAL SHADES TO BE PROVIDED AT ALL OFFICE AND CLASSROOM EXTERIOR WINDOWS, REF. INTERIOR FINISH PLANS FOR ADDITIONAL LOCATIONS.
WT2	WINDOW TREATMENT	MERMET	ARCHITECT TO SELECT FROM MANUFACTURER'S FULL LINE	SHADES TO EXTEND FULL LENGTH OF EXPOSED GLASS	MANUAL SHADES TO BE PROVIDED AT ALL INTERIOR CLASSROOM AND OFFICE GLAZING UNITS GREATER THAN 4'-0" WIDE, REF. INTERIOR FINISH PLANS FOR ADDITIONAL LOCATIONS
12 44 16 - SHOWER CURTAINS					
CT1	VINYL SHOWER CURTAIN	BOBRICK	WHITE OPAQUE VINYL, 204-3	70"W X 72"H	
CT2	VINYL SHOWER CURTAIN	BOBRICK	WHITE OPAQUE VINYL, 204-2	42"W X 72"H	



2 A-701 **TYPICAL FULL HEIGHT WALL TILE PATTERN**
SCALE: 3/8" = 1'-0"



1 A-701 **TYPICAL WALL TILE PATTERN WITH BULLNOSE TOP**
SCALE: 3/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

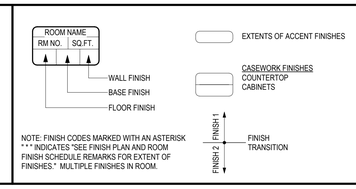
APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENRYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING



NOTE: FINISH CODES MARKED WITH AN ASTERISK "*" INDICATES 'SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

1. REFER TO THE FINISH LEGEND SCHEDULE FOR ADDITIONAL INFORMATION.
2. FLOORING TRANSITIONS OCCUR AT THE CENTER OF THE UNDERSIDE OF THE DOOR UNLESS NOTED OTHERWISE.
3. ALL HOLLOW METAL DOOR FRAMES AND WINDOWS TO BE PAINTED P3 UNLESS NOTED OTHERWISE.
4. MISC. EXPOSED HARDWARE, INCLUDING BUT NOT LIMITED TO GRILLES, GRATES OR TRIM ACCESSORIES, TO BE PAINTED TO MATCH ADJACENT WALL FINISH.
5. EXPOSED COLUMNS TO BE PAINTED P1 UNLESS NOTED OTHERWISE
6. REFER TO ELEVATIONS FOR DETAILS AND TRANSITIONS OF WALL TILE, ACOUSTICAL WALL PANELS, MARKER BOARDS AND TACK WALLS.

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LICENSED ARCHITECT Ryan Hill 6.12.24 REGISTERED

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		RH
CHECKED BY:		RH

FINISH SCHEDULE

A-701

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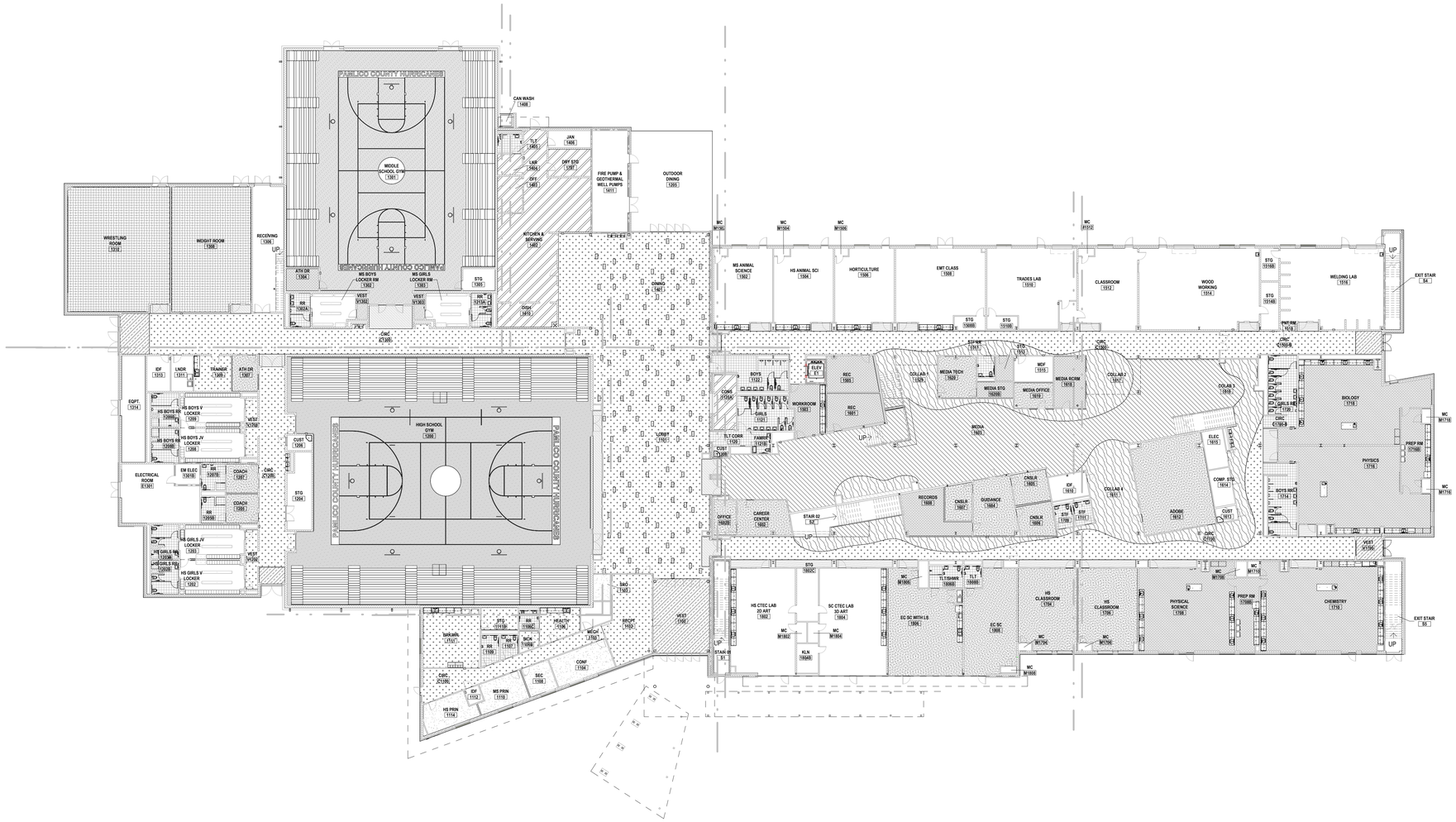

1 A-702.1 **OVERALL FIRST FLOOR PLAN**

SCALE: 1" = 20'-0"

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENRYRWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * * INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

FINISH 1 / FINISH 2 — FINISH TRANSITION

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PUBLIC UTILITIES DIRECTOR 6.12.24 FAYETTEVILLE

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24
PROJECT #: 2205
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CHECKED BY: RH

OVERALL FINISH PLAN - FIRST FLOOR

A-702.1

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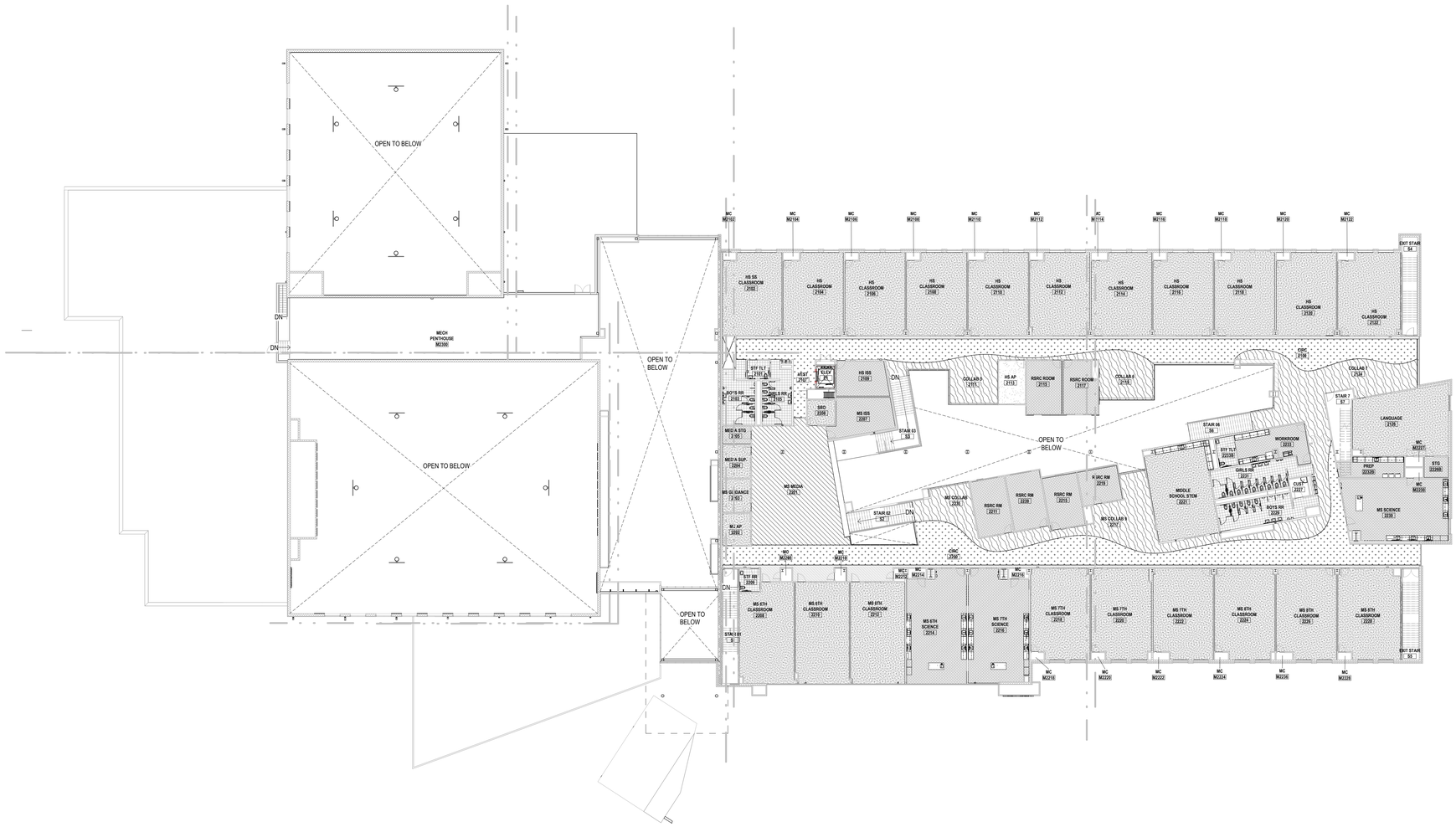

1 A-702.2 **OVERALL SECOND FLOOR PLAN**
SCALE: 1" = 20'-0"

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENRYRWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

NOTE: FINISH CODES MARKED WITH AN ASTERISK " * " INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

FINISH 1 | FINISH 2 — FINISH TRANSITION

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ENERGY STAR PARTNER

No.	Date	Description

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OVERALL FINISH PLAN - SECOND FLOOR

A-702.2

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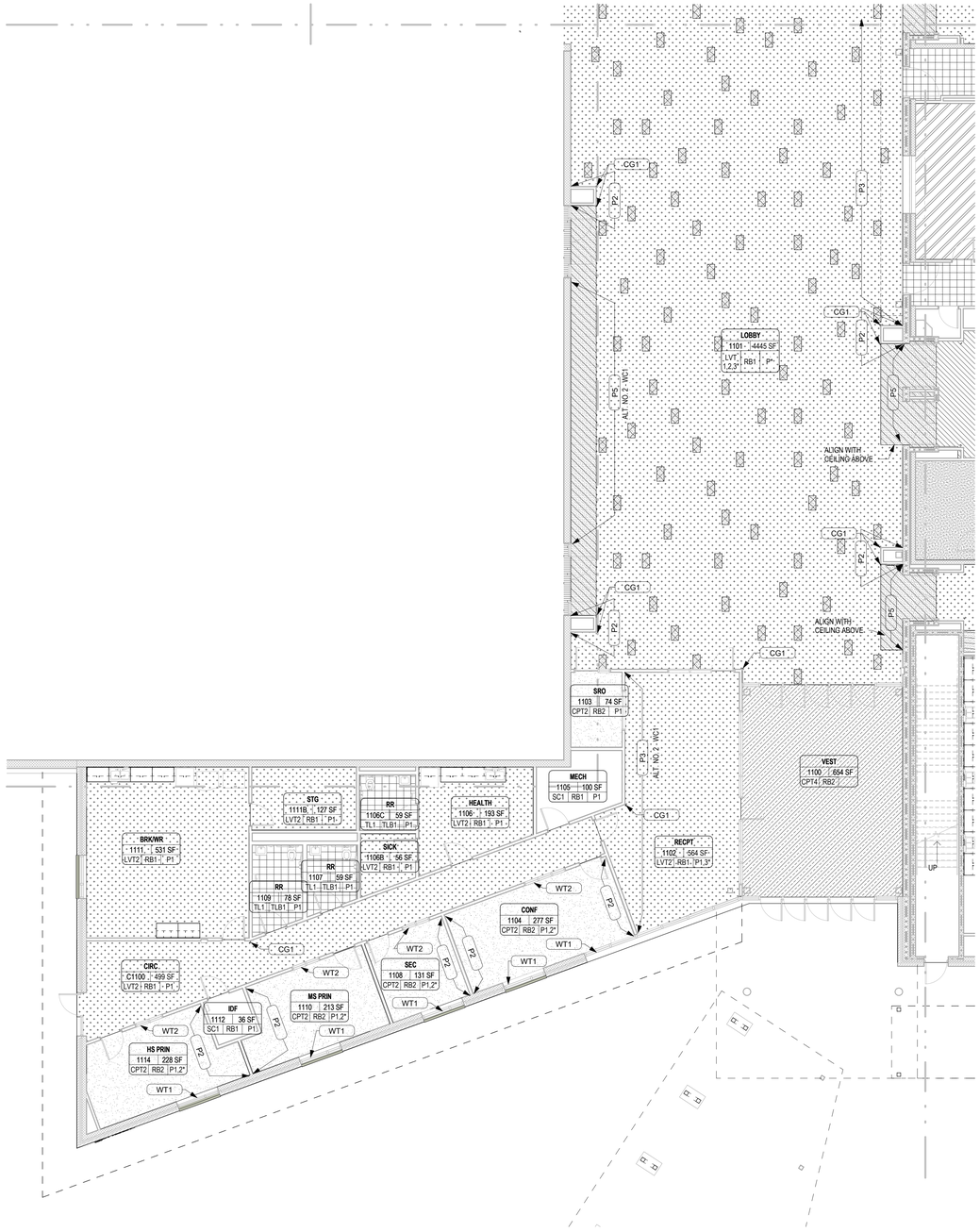

1 A-711A **FIRST FLOOR FINISH PLAN - AREA A**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 1 | FINISH 2 — FINISH TRANSITION

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * * INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

1. REFER TO THE FINISH LEGEND SCHEDULE FOR ADDITIONAL INFORMATION.
2. FLOORING TRANSITIONS OCCUR AT THE CENTER OF THE UNDERSIDE OF THE DOOR UNLESS NOTED OTHERWISE.
3. ALL HOLLOW METAL DOOR FRAMES AND WINDOWS TO BE PAINTED P3 UNLESS NOTED OTHERWISE.
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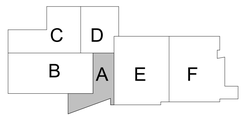
5. EXPOSED COLUMNS TO BE PAINTED P1 UNLESS NOTED OTHERWISE
6. REFER TO ELEVATIONS FOR DETAILS AND TRANSITIONS OF WALL TILE, ACOUSTICAL WALL PANELS, MARKER BOARDS AND TACK WALLS.



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PROJECT #: 2205
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CHECKED BY: RH

FIRST FLOOR FINISH PLAN - AREA A

A-711A

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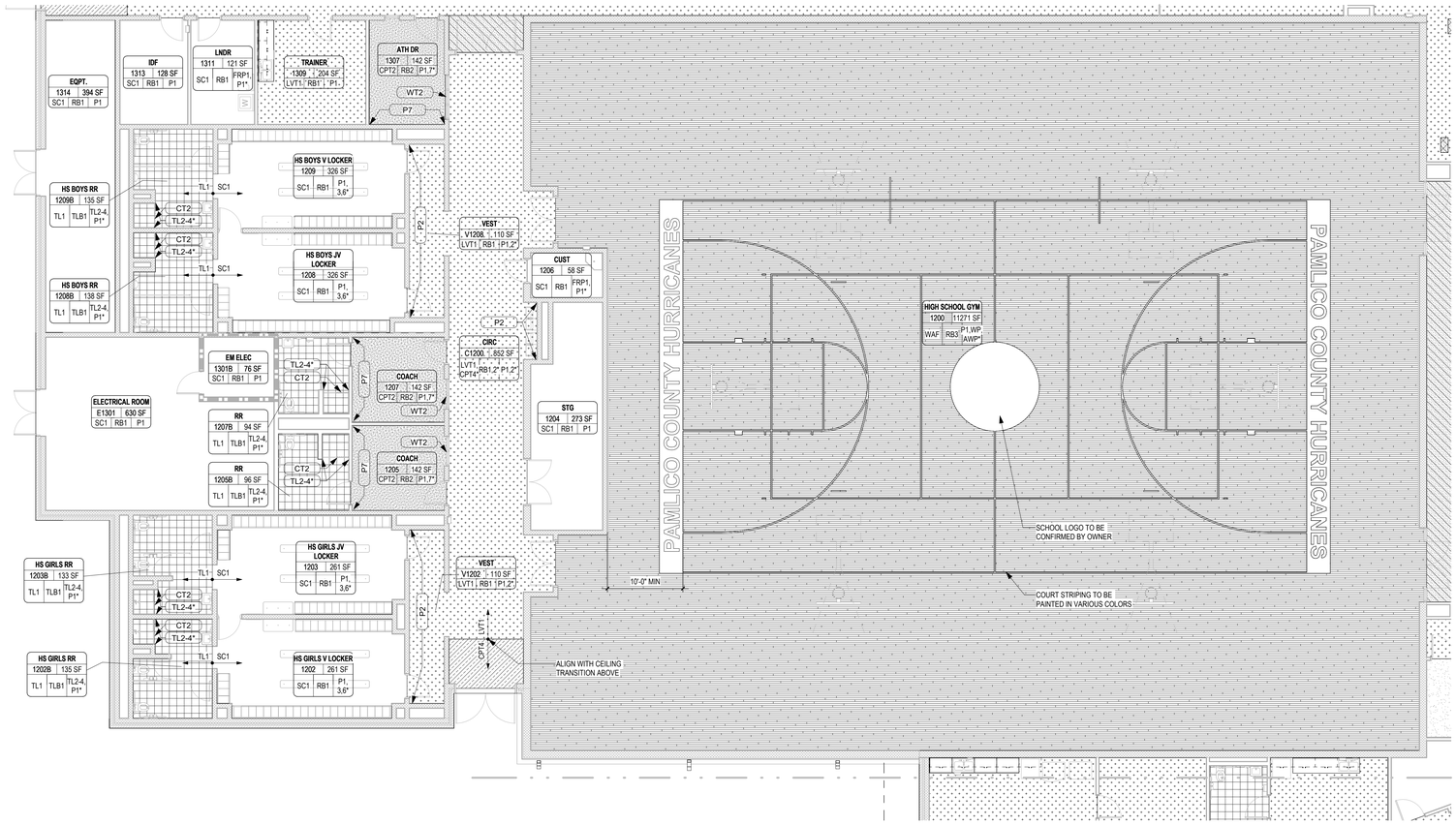


1 A-712B **FIRST FLOOR FINISH PLAN - AREA B**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

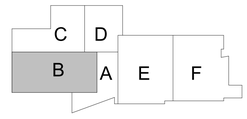
CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 1
FINISH 2
FINISH TRANSITION

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * " INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

1. REFER TO THE FINISH LEGEND SCHEDULE FOR ADDITIONAL INFORMATION.
2. FLOORING TRANSITIONS OCCUR AT THE CENTER OF THE UNDERSIDE OF THE DOOR UNLESS NOTED OTHERWISE.
3. ALL HOLLOW METAL DOOR FRAMES AND WINDOWS TO BE PAINTED P3 UNLESS NOTED OTHERWISE.
4. MISC. EXPOSED HARDWARE, INCLUDING BUT NOT LIMITED TO GRILLES, GRATES OR TRIM ACCESSORIES, TO BE PAINTED TO MATCH ADJACENT WALL FINISH.
5. EXPOSED COLUMNS TO BE PAINTED P1 UNLESS NOTED OTHERWISE
6. REFER TO ELEVATIONS FOR DETAILS AND TRANSITIONS OF WALL TILE, ACOUSTICAL WALL PANELS, MARKER BOARDS AND TACK WALLS.



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PROFESSIONAL ENGINEER SEAL 040111 REGISTERED LANDSCAPE ARCHITECT 6.12.24 FAYETTEVILLE NORTH CAROLINA

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		RH
CHECKED BY:		RH

FIRST FLOOR FINISH PLAN - AREA B

A-712B

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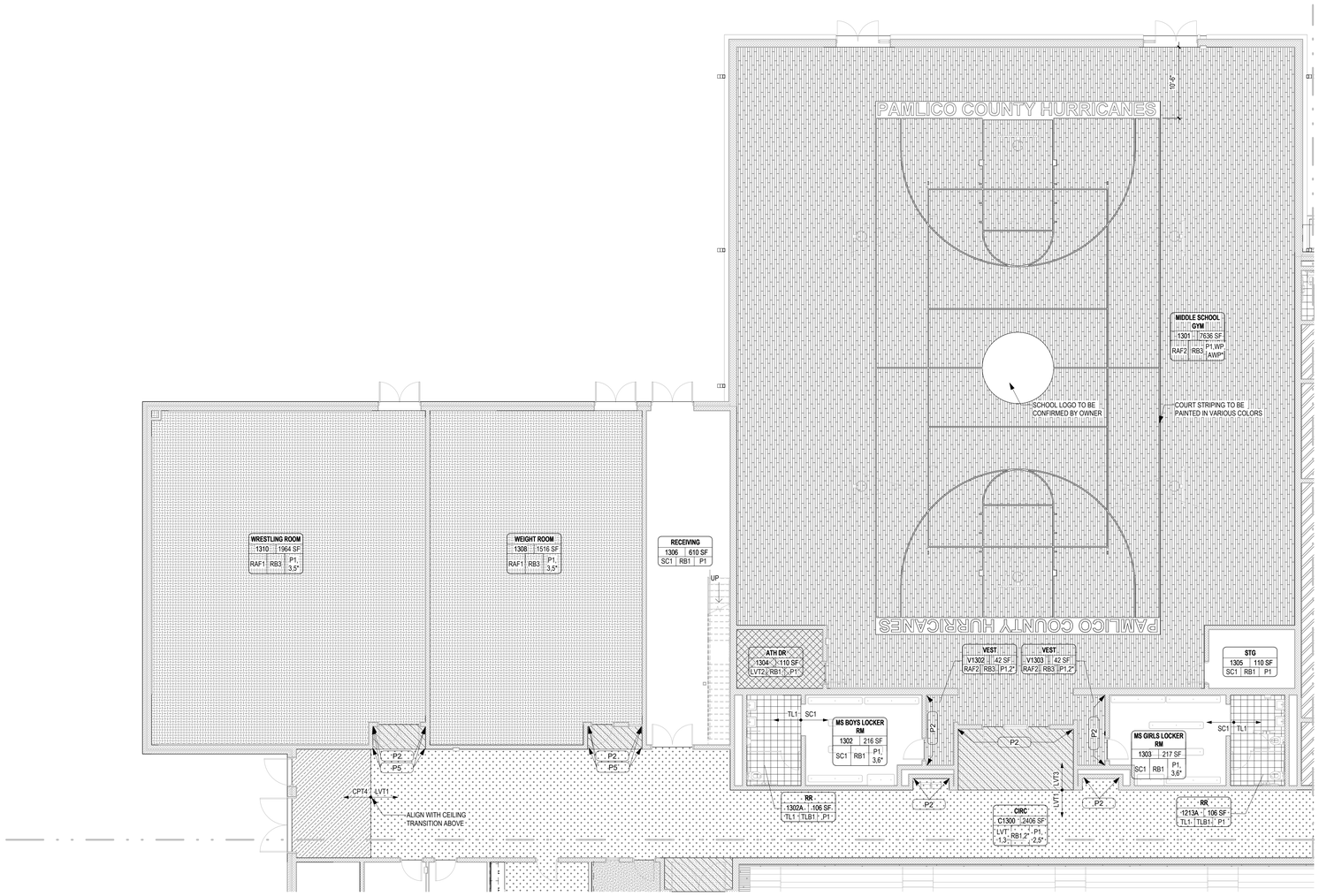

1 A-713C **FIRST FLOOR FINISH PLAN - AREA C**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	**LVT1**	LUXURY VINYL TILE
CPT2	CARPET TILE	**LVT2**	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	**LVT3**	LUXURY VINYL TILE
CPT4	CARPET ENRYRYWAY SYSTEM	**LVT4**	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	**RAF1**	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	**RAF2**	RUBBER ATHLETIC FLOORING
TL1	TILE	**WAF**	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 1 | FINISH 2 — FINISH TRANSITION

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * * INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

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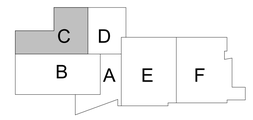
5. EXPOSED COLUMNS TO BE PAINTED P1 UNLESS NOTED OTHERWISE
6. REFER TO ELEVATIONS FOR DETAILS AND TRANSITIONS OF WALL TILE, ACOUSTICAL WALL PANELS, MARKER BOARDS AND TACK WALLS.



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CONSTRUCTION DOCUMENTS

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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
	ISSUE DATE:	06/12/24
	PROJECT #:	2205
	DRAWN BY:	RH
	CHECKED BY:	RH

FIRST FLOOR FINISH PLAN - AREA C

A-713C

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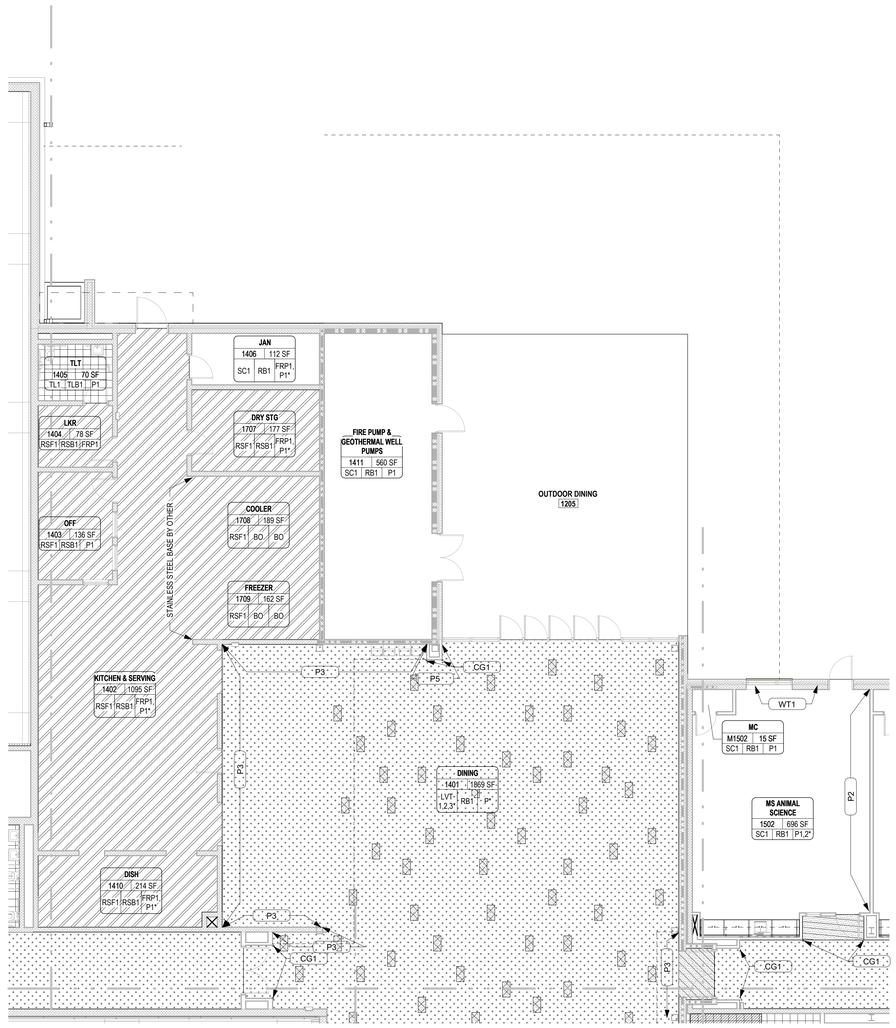

1 A-714D **FIRST FLOOR FINISH PLAN - AREA D**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENRYRWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 2 | FINISH 1
FINISH TRANSITION

NOTE: FINISH CODES MARKED WITH AN ASTERISK * ** INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

1. REFER TO THE FINISH LEGEND SCHEDULE FOR ADDITIONAL INFORMATION.
2. FLOORING TRANSITIONS OCCUR AT THE CENTER OF THE UNDERSIDE OF THE DOOR UNLESS NOTED OTHERWISE.
3. ALL HOLLOW METAL DOOR FRAMES AND WINDOWS TO BE PAINTED P3 UNLESS NOTED OTHERWISE.
4. MISC. EXPOSED HARDWARE, INCLUDING BUT NOT LIMITED TO GRILLES, GRATES OR TRIM ACCESSORIES, TO BE PAINTED TO MATCH ADJACENT WALL FINISH.
5. EXPOSED COLUMNS TO BE PAINTED P1 UNLESS NOTED OTHERWISE
6. REFER TO ELEVATIONS FOR DETAILS AND TRANSITIONS OF WALL TILE, ACOUSTICAL WALL PANELS, MARKER BOARDS AND TACK WALLS.

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PUBLIC LIMITED PRACTICE 6.12.24 FAYETTEVILLE

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

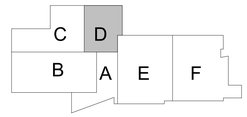
No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: RH
CHECKED BY: RH

FIRST FLOOR FINISH PLAN - AREA D

A-714D



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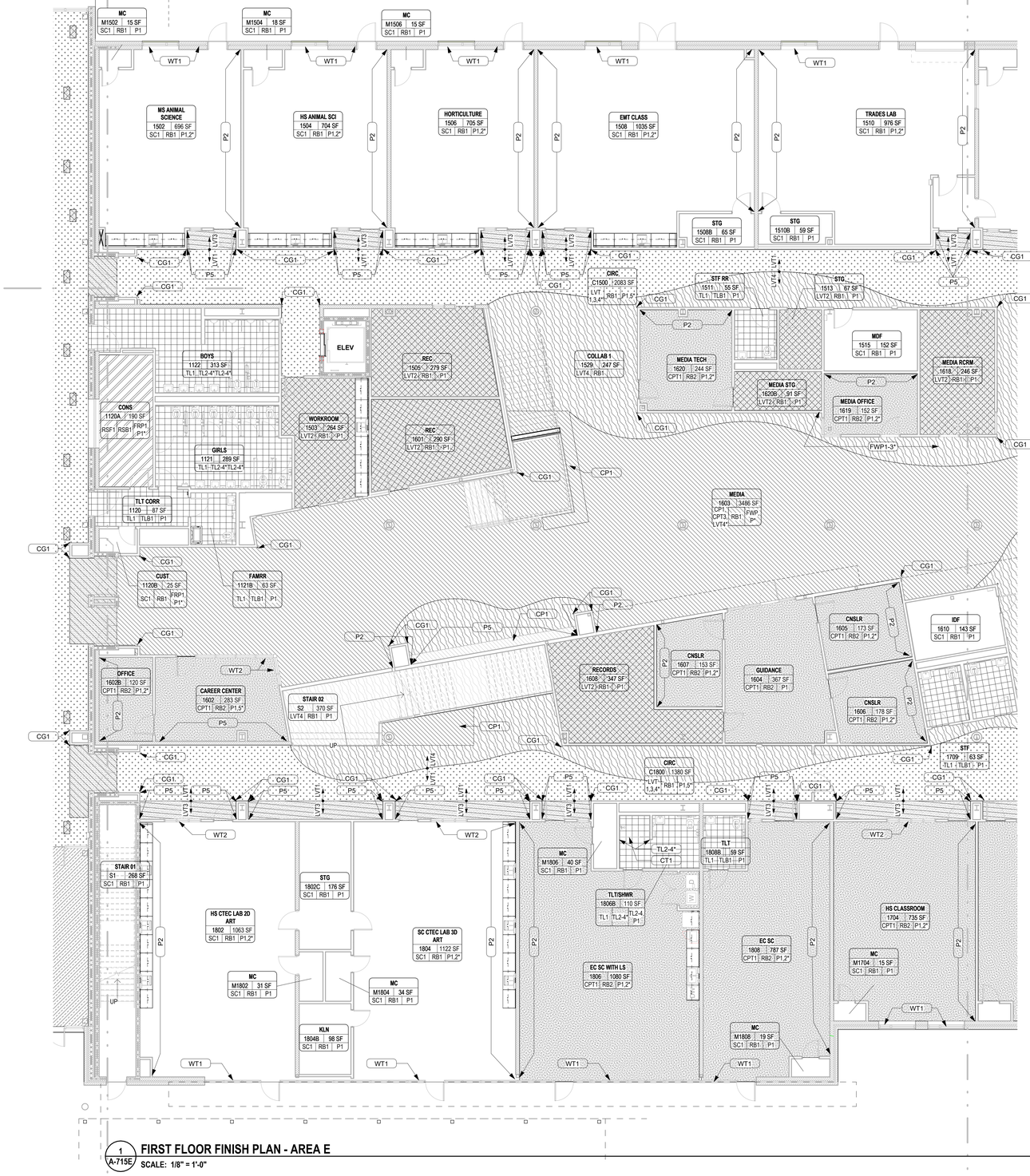


1 A-715E **FIRST FLOOR FINISH PLAN - AREA E**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

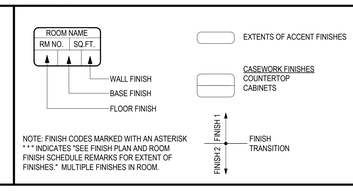
APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING



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GENERAL FINISH NOTES

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PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

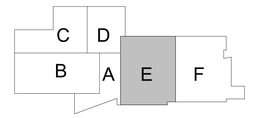
ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: RH
CHECKED BY: RH

FIRST FLOOR FINISH PLAN - AREA E



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A-715E

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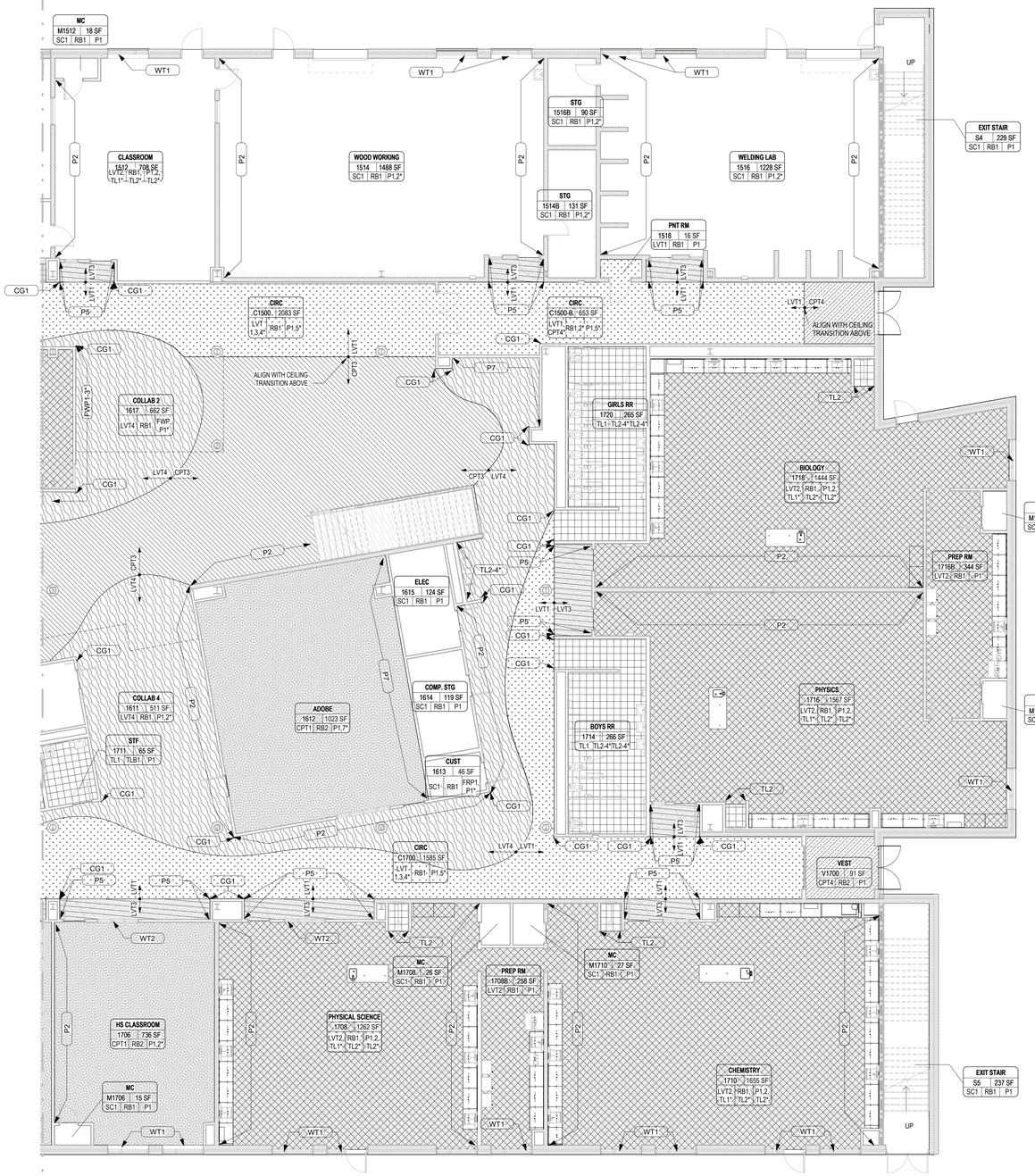

1 A-716F **FIRST FLOOR FINISH PLAN - AREA F**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 2 / FINISH 1
FINISH TRANSITION

GENERAL FINISH NOTES

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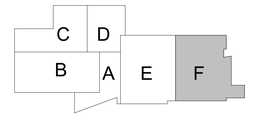

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		RH
CHECKED BY:		RH

FIRST FLOOR FINISH PLAN - AREA F

A-716F

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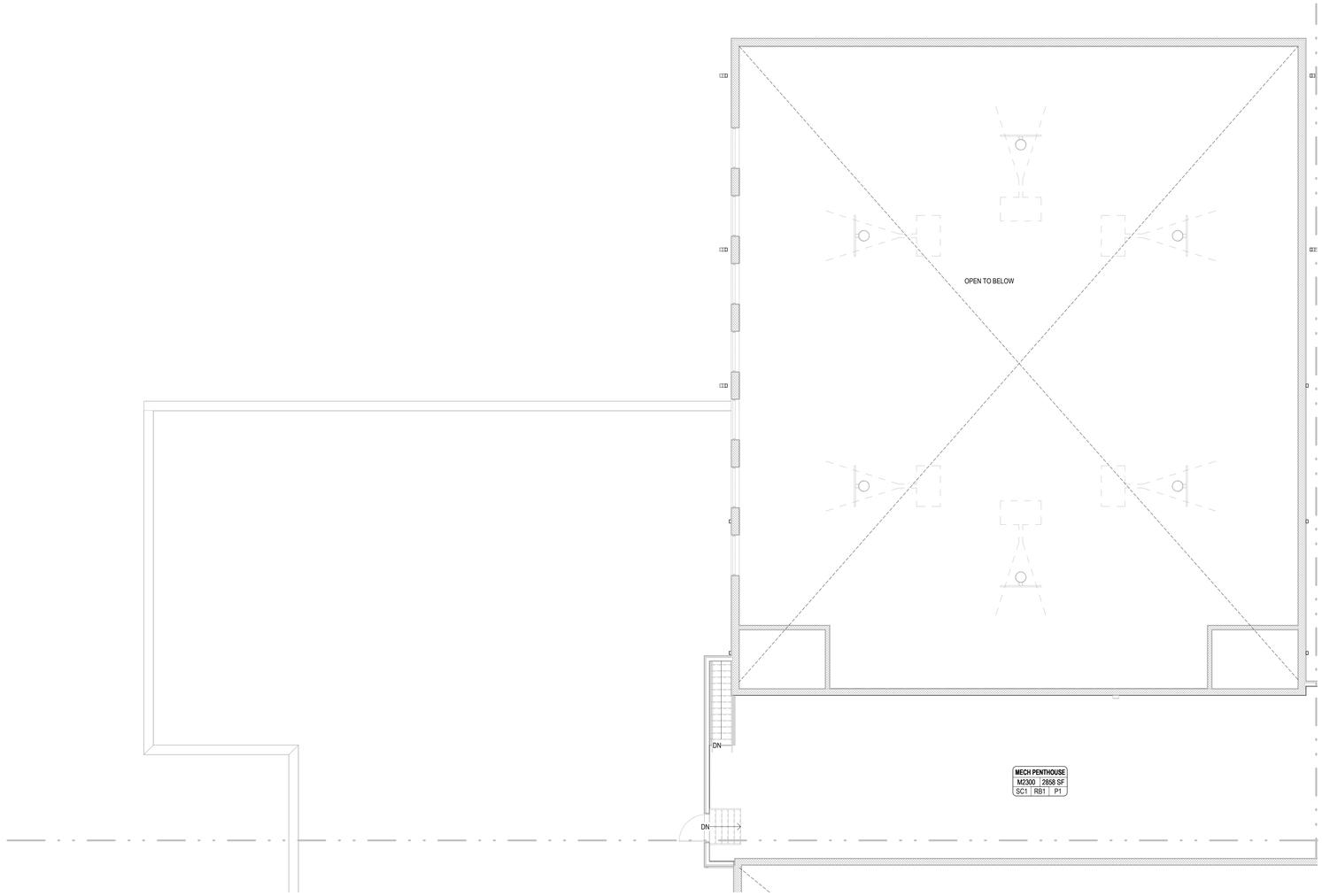

1 A-717C **SECOND FLOOR FINISH PLAN - AREA C**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	**LVT1**	LUXURY VINYL TILE
CPT2	CARPET TILE	**LVT2**	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	**LVT3**	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	**LVT4**	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	**RAF1**	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	**RAF2**	RUBBER ATHLETIC FLOORING
TL1	TILE	**WAF**	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 2 | FINISH 1
FINISH TRANSITION

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * * INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

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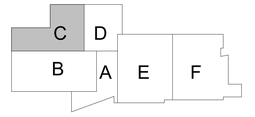

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REGISTERED LANDSCAPE ARCHITECT 6.12.24 FAYETTEVILLE

CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description
ISSUE DATE:		06/12/24
PROJECT #:		2205
DRAWN BY:		RH
CHECKED BY:		RH

SECOND FLOOR FINISH PLAN - AREA C

A-717C

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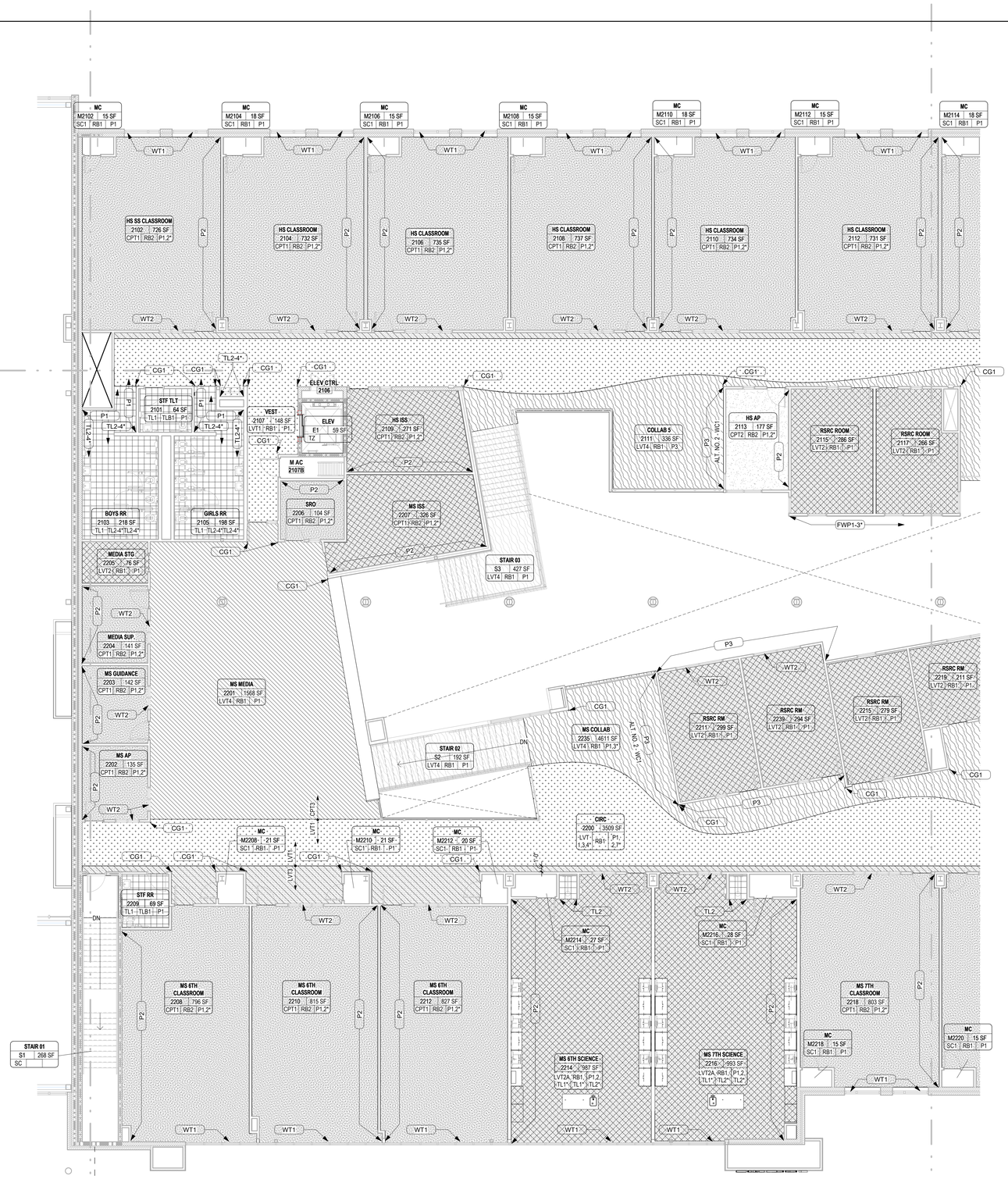

1 A-718E **SECOND FLOOR FINISH PLAN - AREA E**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
TL	TILE
WAF	HARWOOD ATHLETIC FLOORING

WALL FINISH CODE ABBREVIATIONS

AWP	ACOUSTICAL WALL PANELS
FWP	ACOUSTICAL FABRIC WRAPPED PANELS
FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

MISC. FINISH CODE ABBREVIATIONS

APC	ACOUSTICAL PANEL CEILING
ES	EXPOSED STRUCTURE
GWB	GYPSUM WALL BOARD
PL	PLASTIC LAMINATE

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 2 | FINISH 1 — FINISH TRANSITION

NOTE: FINISH CODES MARKED WITH AN ASTERISK * * * INDICATES "SEE FINISH PLAN AND ROOM FINISH SCHEDULE REMARKS FOR EXTENT OF FINISHES." MULTIPLE FINISHES IN ROOM.

GENERAL FINISH NOTES

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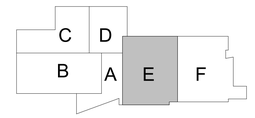

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PAMLICO CO. PUBLIC SCHOOLS 6.12.24

CONSTRUCTION DOCUMENTS

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PAMLICO 6-12 SCHOOL

601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
DRAWN BY: RH
CHECKED BY: RH

SECOND FLOOR FINISH PLAN - AREA E

A-718E

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1 A-719F **SECOND FLOOR FINISH PLAN - AREA F**

SCALE: 1/8" = 1'-0"

FINISH SCHEDULE ABBREVIATIONS

FLOOR FINISH CODE ABBREVIATIONS

CPT	CARPET TILE
CP	SHEET CARPET
LVT	LUXURY VINYL TILE
RAF	RUBBER ATHLETIC FLOORING
RSF	RESINOUS FLOORING
SC	SEALED CONCRETE
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FRP	FIBERGLASS REINFORCED PANELS
P	PAINT
SS	STAINLESS STEEL
TL	TILE
WC	WALLCOVERING
WD	WOOD

BASE FINISH CODE ABBREVIATIONS

TLB	TILE BASE
RB	RESILIENT BASE
RSB	RESINOUS BASE

FINISH FLOOR PATTERN PLAN LEGEND

CPT1	CARPET TILE	LVT1	LUXURY VINYL TILE
CPT2	CARPET TILE	LVT2	LUXURY VINYL TILE
CPT3/CP1	CARPET TILE OR SHEET	LVT3	LUXURY VINYL TILE
CPT4	CARPET ENYRYWAY SYSTEM	LVT4	LUXURY VINYL TILE
RSF1	RESINOUS FLOORING	RAF1	RUBBER ATHLETIC FLOORING
SC1	SEALED CONCRETE	RAF2	RUBBER ATHLETIC FLOORING
TL1	TILE	WAF	WOOD ATHLETIC FLOORING

ROOM NAME
RM NO. | SQ.FT.
WALL FINISH
BASE FINISH
FLOOR FINISH

EXTENTS OF ACCENT FINISHES

CASEWORK FINISHES
COUNTERTOP
CABINETS

FINISH 1 / FINISH 2 — FINISH TRANSITION

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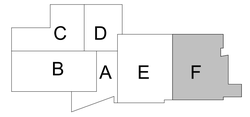

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CONSTRUCTION DOCUMENTS

PAMLICO COUNTY
PAMLICO 6-12 SCHOOL
601 Main Street, Bayboro, NC , 28515

ENERGY STAR PARTNER

No.	Date	Description

ISSUE DATE: 06/12/24

PROJECT #: 2205
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SECOND FLOOR FINISH PLAN - AREA F

A-719F

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1 A-720.1 **FIRST FLOOR PLAN-OVERALL FURNITURE**

SCALE: 1/16" = 1'-0"

N

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OVERALL FURNITURE PLAN - FIRST FLOOR

A-720.1

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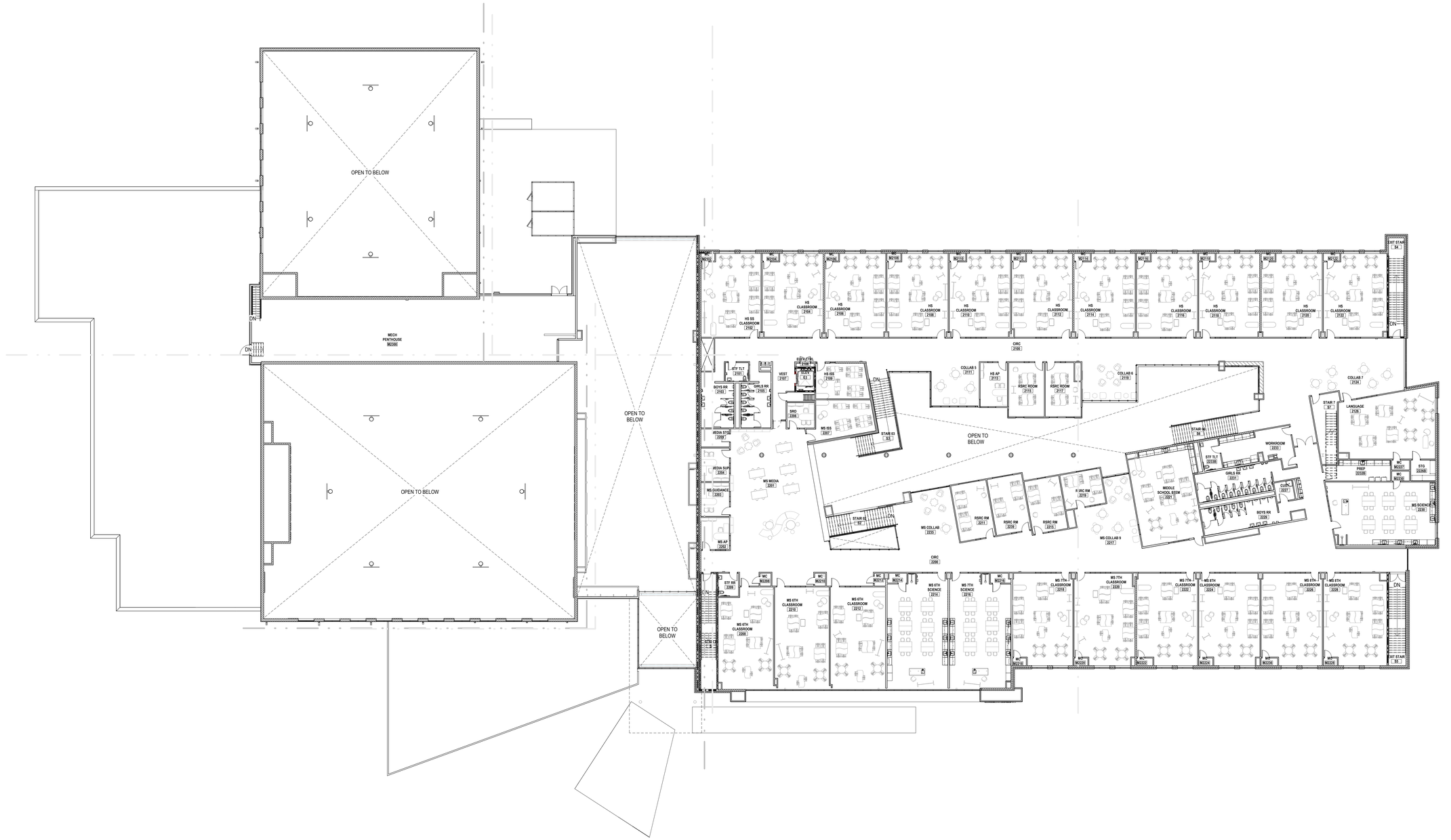

1 A-720.2 **SECOND FLOOR PLAN - FURNITURE**

SCALE: 1/16" = 1'-0"

N

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OVERALL FURNITURE PLAN - SECOND FLOOR

A-720.2

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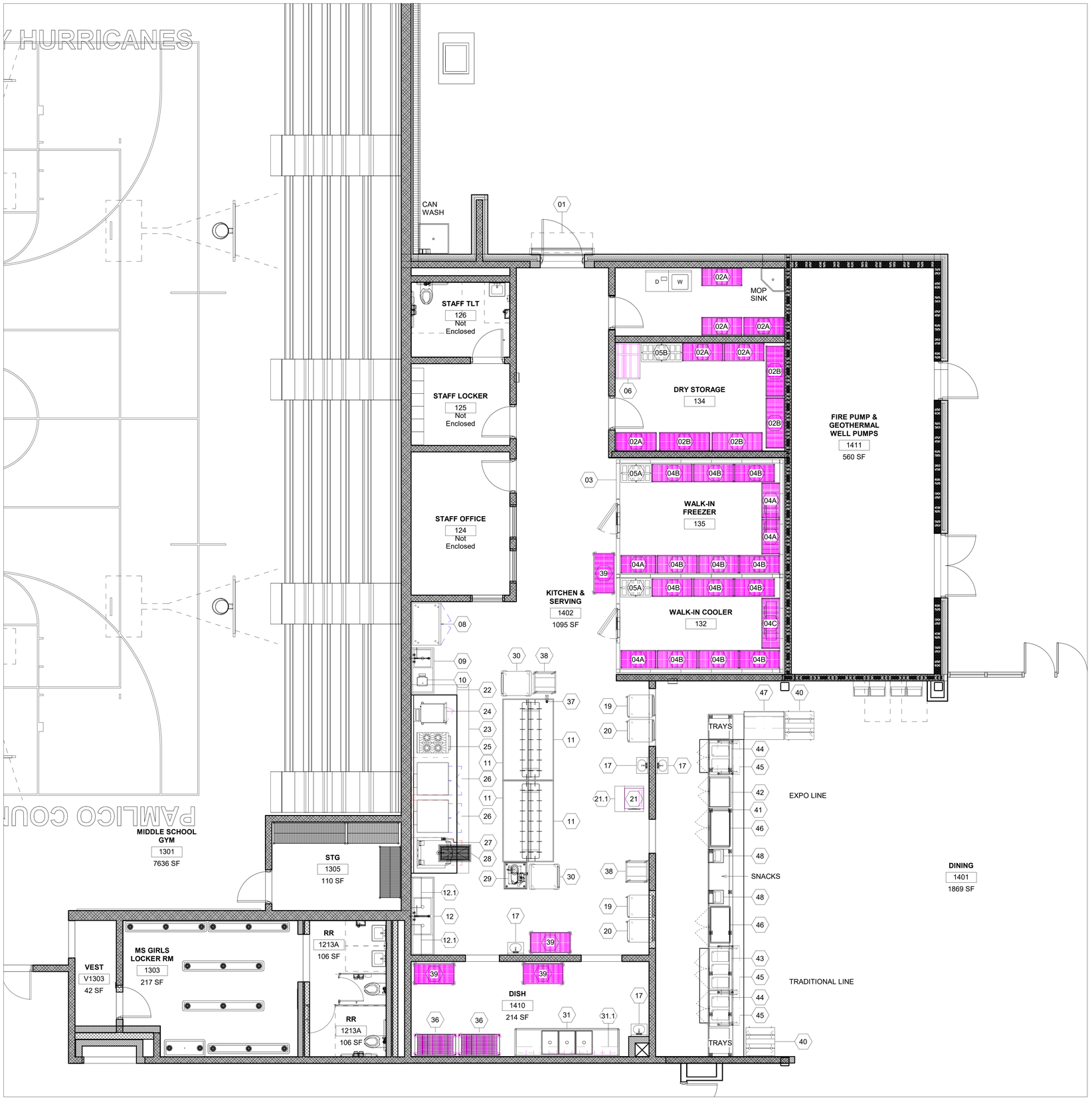
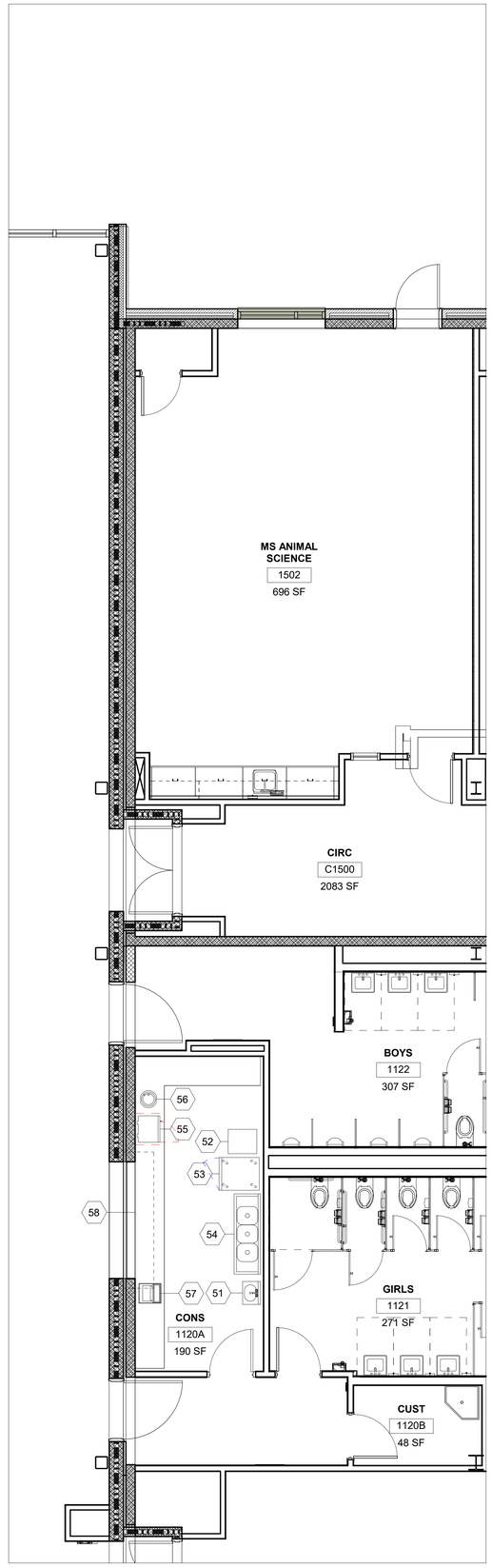


1 FS-001 FOOD SERVICE EQUIPMENT PLAN
1/4" = 1'-0"



2 FS-001 FOOD SERVICE EQUIPMENT PLAN
1/4" = 1'-0"

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FOODSERVICE EQUIPMENT PLAN

FS-001

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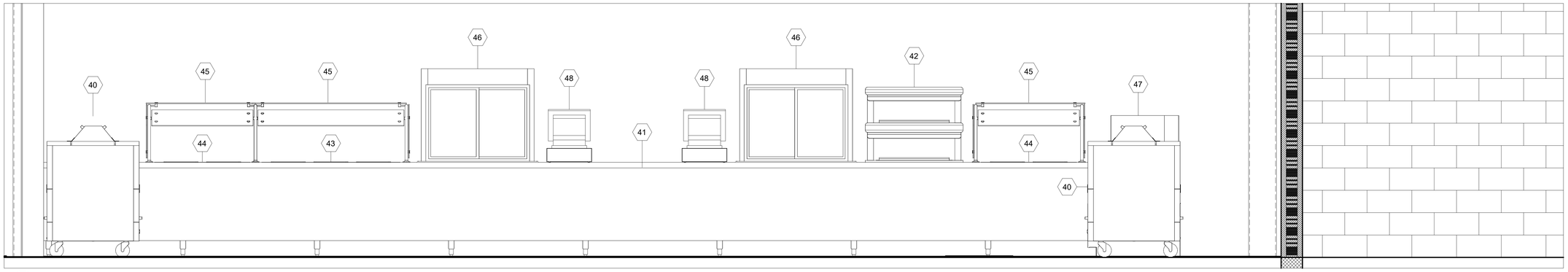

1 FS-002 SERVING LINE FRONT ELEVATION
3/4" = 1'-0"

FOODSERVICE EQUIPMENT SCHEDULE

QTY	ITEM	DESCRIPTION	MANUFACTURER	MODEL	ITEM 2	ELECTRICAL							PLUMBING								GAS			REMARKS
						ELECTRICAL A.F.F.	KW	HP	AMPS	VOLTS	PHASE	NEMA	HW SIZE	HW/A.F.F.	CW SIZE	CW/A.F.F.	IW	DRAIN TYPE	DW	DW A.F.F.	GAS SIZE	GAS/A.F.F.	BTU/HR.	
1	01	AIR CURTAIN	MARS AIR	LPN272-1UA-OB	01	ABV.			2.6	120	1	DIRECT												MICRO SWITCH AT DOOR
6	02A	SHELVING UNIT	METRO	5Q457G3	02A																			74" HIGH, 5-TIER, POLYMER/EPOXY
4	02B	SHELVING UNIT	METRO	5Q467G3	02B																			74" HIGH, 5-TIER, POLYMER/EPOXY
2	03	COLD STORAGE ASSEMBLY	BALLY	CUSTOM	03	*												F.D.						REFER TO REFRIGERATION CONNECTION SCHEDULE
4	04A	SHELVING UNIT	METRO	Q446G3	04A																			63" HIGH, 4-TIER, POLYMER/EPOXY
12	04B	SHELVING UNIT	METRO	Q456G3	04B																			63" HIGH, 4-TIER, POLYMER/EPOXY
1	04C	SHELVING UNIT	METRO	Q466G3	04C																			63" HIGH, 4-TIER, POLYMER/EPOXY
2	05A	DUNNAGE RACK	METRO	HP2236PDMB	05A																			
1	05B	DUNNAGE RACK	METRO	HP2248PDMB	05B																			
1	06	CAN RACK	CHANNEL	CSR-156	06																			
1	07	SPARE NUMBER	-	-	07																			
1	08	REACH-IN REFRIGERATOR	EVEREST	EBSR2	08	24"		1/3	3.5	120	1	5-15P												CASTERS, DOOR HINGE RIGHT & LEFT
1	09	ONE-COMPARTMENT SINK	JOHN BOOS	41PB204-1D30L	09								1/2"	14"	1/2"	14"	2"	F.S.						PRE-RINSE UNIT WITH ADD ON FAUCET, LEVER WASTE
1	10	FOOD PROCESSOR	ROBOT COUPE	CL50	10	50"			12.0	120	1	5-15P												
4	11	WORKTABLE	JOHN BOOS	ST6-3096GBK-X	11																			DRAWER, TABLE MOUNT POT RACK
1	12	TWO-COMPARTMENT SINK	JOHN BOOS	42PB204-2D24	12								1/2"	14"	1/2"	14"	2"	F.S.						PRE-RINSE UNIT WITH ADD ON FAUCET, (2) LEVER WASTE
2	12.1	WALL MOUNTED SHELF	JOHN BOOS	BHS1236-14/304	12.1																			MOUNT 5'-4" A.F.F.
1	13-16	SPARE NUMBER	-	-	13-16																			
4	17	HAND SINK	JOHN BOOS	PBHS-W-0909-P-SSLR	17								1/2"	14"	1/2"	14"			2"					SIDE SPLASH WHERE REQUIRED
1	18	SPARE NUMBER	-	-	18																			
2	19	WARMING CABINET, PASS-THRU	VICTORY	HSA-1D-S1-PT-HD	19	90"			6.3	208	1	6-20P												GLASS DOOR ON KITCHEN SIDE, ADJUSTABLE LEGS, DOOR HINGE
2	20	REFRIGERATOR, PASS-THRU	VICTORY	RSA-1D-S1-PT-HD-HC	20	90"		1/3	6.5	120	1	5-15P												GLASS DOOR ON KITCHEN SIDE, ADJUSTABLE LEGS, DOOR HINGE
1	21	ICE MACHINE, AIR COOLED	SCOTSMAN ICE	MC0722MA-32	21	64"			11.0	208	1	DIRECT			3/8"	64"	1"	F.S.						KBT27 BIN TOP, WATER FILTER, BACKFLOW PREVENTION DEVICE
1	21.1	ICE BIN	SCOTSMAN ICE	B530P	21.1												1"	F.S.						
1	22	FIRE SUPPRESSION SYSTEM	ANSUL	R-102	22																			WET CHEMICAL
1	23	EXHAUST HOOD, WALL	CAPTIVEAIRE	ND2-PSP	23	ABV.			20.0	120	1	(2) DIRECT												REFER TO VENTILATION CONNECTION SCHEDULE
1	24	CONVECTION STEAMER, GAS, DOUBLE	CLEVELAND	(2) 22CGT66.1	24	24"/50"			4.0	120	1	(2) 5-15P			(2) 3/4"	24"/50"	2"	F.S.			(2) 1/2"	24"/50"	(2) 32,000	QUICK GAS DISCONNECT, WATER FILTER, BACKFLOW PREVENTION DEVICE
1	25	HD RANGE, 24", 4-OPEN BURNER	MONTAGUE	124-5	25																1-1/4"	24"	40,000	QUICK GAS DISCONNECT, STANDARD OVEN BASE,HIGH SHELF
2	26	CONVECTION OVEN, GAS	BLODGETT	ZEPH-100-G-ES DBL	26	24"/50"			8.0	120	1	(2) 5-15P									(2) 3/4"	24"/50"	(2) 45,000	QUICK GAS DISCONNECT, CASTERS
1	27	TILTING SKILLET BRAISING PAN, GAS	MARKET FORGE	30P-STGL	27	24"			3.0	120	1	C&P	3/8"	24"	3/8"	24"	2"	F.T.			3/4"	24"	93,000	SINGLE PANTRY FAUCET, FLANGED FEET
1	28	FLOOR TROUGH	IMC TEDDY	ASFT-1836-PFG	28												4"							
1	29	SLICER, ELECTRIC	HOBART	EDGE13-11	29	STUB			4.0	120	1	5-15P												EQUIPMENT STAND
2	30	HEATED HOLDING AND PROOFING CABINET	METRO	C599-SDC-U	30	ABV.			16.7	120	1	5-20P												CASTERS
1	31	SINK, 3 COMPARTMENT	JOHN BOOS	43PB20284-2D30	31								(2) 1/2"	14"	(2) 1/2"	14"	2"							(1) FAUCETS, (1) PRE-RINSE W/ADD ON FAUCET, (3) LEVER WASTE
1	31.1	WALL SHELF W/POT RACK	ADVANCE TABCO	PS-12-120	31.1																			MOUNT 5'-4" A.F.F.
1	32-35	SPARE NUMBER	-	-	32-35																			
2	36	DRYING RACK UNIT	METRO	PR48VX3	36																			CASTERS
1	37	CAN OPENER, TABLE MOUNT	EDLUND	S-11	37																			
2	38	RACK, UNIVERSAL	CHANNEL MANUFACTURING	AUR-13	38																			CASTERS
4	39	SHELVING UNIT	METRO	Q556EG3	39																			67-5/16" HIGH, 4-TIER, POLYMER/EPOXY, CASTERS
2	40	MILK COOLER	CONTINENTAL REFRIGERATOR	MC3NSSD	40	24"		-	5.7	120	1	5-15P					1"							CASTERS
1	41	SERVING LINE COUNTER	MILLWORK	CUSTOM	41																			
1	42	HOT/COLD SHELF	LTI	QSGT-28-2T	42	CTR.			7.5	120	1	5-15P												
1	43	HOT/COLD WELL, DROP-IN	LTI	DI-QSCHP-3	43	CTR.			12.0	120/208	1	14-20P					1"	F.S.						
2	44	HOT/COLD WELL, DROP-IN	LTI	DI-QSCHP-2	44	CTR.			9.6	120	1	14-20P					1"	F.S.						
3	45	FOOD SHIELD	PREMIER METAL AND GLASS	TM2R-A	45	CTR.			3.0	120	1	C&P												LED LIGHTS
2	46	DROP-IN DISPLAY CASE	ATLAS METAL	WCPT-3	46	CTR.		1/2	11.0	120	1	5-15P												DOOR LOCKING DEVICE
1	47	REFRIGERATED SELF SERVICE CASE	FUTURE	N.I.K.C.	47	CTR.			15.2	120	1	5-20P												LOCKING CASTERS, LED LIGHTS, SECURITY COVER
2	48	P.O.S.	BY OWNER	N.I.K.C.	48	CTR.			15.0	120	1	C&P												F.S.E.C. TO VERIFY UTILITIES
1	49-50	SPARE NUMBER	-	-	49-50																			
1	51	HAND SINK	JOHN BOOS	PBHS-W-0909-P-SSLR	51								1/2"	14"	1/2"	14"			2"					SIDE SPLASH WHERE REQUIRED
1	52	ICE MAKER WITH BIN, CUBE STYLE	SCOTSMAN	CU0920MA-1	52	64"			6.4	120	1	5-15P			3/8"	64"	1"	F.S.						WATER FILTER, BACKFLOW PREVENTION DEVICE
1	53	REACH-IN REFRIGERATOR	EVEREST	EBR1	53	24"		1/4	3.7	120	1	5-15P												DOOR HINGE ON RIGHT, CASTERS
1	54	3-COMPARTMENT SINK	ADVANCE TABCO	FE-3-1416-12RL-X	54								(2) 1/2"	14"	(2) 1/2"	14"	2"	F.S.						(2) FAUCETS, (3) LEVER WASTE
1	55	MICROWAVE OVEN	AMANA	RFS18TS	55	50"			13.5	208	1	6-20P												
1	56	HEATED WELL	HATCO	RHW-1	56	50"			10.4	120	1	5-15P												RHW-11QT-LID-HG LID
1	57	P.O.S.	BY OWNER	N.I.K.C.	57	50"			15.0	120	1	C&P												F.S.E.C. TO VERIFY UTILITIES
1	58	CONCESSION COUNTER	MILLWORK	CUSTOM FAB	58																			

110° F. HOT WATER REQUIREMENTS

		GPH
MOP SINK	-	5
CAN WASH	-	10
HAND SINK	4 @ 20	80
	TOTAL	95

140° F. HOT WATER REQUIREMENTS

		GPH
POT SINK	3 @ 30	90
PREP, SINKS	3 @ 20	60
FILL FAUCET	1 @ 10	10
PRE-RINSE	2 @ 35	70
CLEANING	-	5
	TOTAL	235

REFRIGERATION CONNECTION SCHEDULE

CONN	EQUIPMENT	LOAD	V/PH	REMARKS
03A	LIGHTS, COOLER	400 W	120/1	3 EXTRA LIGHTS
03B	EVAP. COIL, COOLER	2.0 AMP	120/1	-
03C	COND. UNIT, COOLER	11.1 MCA	208/3	-
03D	LIGHTS & DOOR HEAT	700 W	120/1	3 EXTRA LIGHTS
03E	HEAT TAPE, FREEZER	15.0 AMP	120/1	DRAINLINE HEAT LAMP
03F	EVAP. COIL, FREEZER	1.8 AMP	208/1	FEED DEFROST THRU TIMER @ COND. UNIT
03G	COND. UNIT, FREEZER	17.0 MCA	208/3	

VENTILATION CONNECTION SCHEDULE

ITEM	CONNECTION	SIZE	CFM	S.P.	QTY.	TOTAL
23A	EXHAUST	14" DIA.	2300	-1.020"	1	2300
23B	SUPPLY	8" X 36"	613	0.169"	3	1840
23C	EXHAUST	14" DIA.	1290	-0.438"	1	1290
23D	SUPPLY	12" X 20"	516	0.146"	2	1032

ABBREVIATIONS

ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
CTR.	COUNTER MOUNTED
C.W.	COLD WATER
E.C.	ELECTRICAL CONTRACTOR
F.D.	FLOOR DRAIN
F.S.	FLOOR SINK
F.S.E.C.	FOOD SERVICE EQUIPMENT CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.W.	HOT WATER
I.W.	INDIRECT WASTE
M.C.	MECHANICAL CONTRACTOR
N.I.K.C.	NOT IN KITCHEN CONTRACT
S/S	STAINLESS STEEL
ST.	STUB
U.C.	UTILITY CHASE
W.	WASTE

***GAS NOTE:
KITCHEN EQUIPMENT WILL BE PROVIDED WITH GAS PRESSURE REGULATORS DESIGNED TO OPERATE WITH 14" W.C. INCOMING GAS PRESSURE OR LESS. PLUMBER TO PROVIDE INTERMEDIATE REGULATORS, AS REQUIRED TO REDUCE INCOMING BUILDING PRESSURE TO LEVEL SUITABLE FOR EQUIPMENT.

ELECTRICAL LOADS ARE BASED ON MANUFACTURER'S INFORMATION. MINIMUM CIRCUIT AMPACITY AND OVERCURRENT PROTECTION TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS.

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No.	Date	Description

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FOOD SERVICE EQUIPMENT SCHEDULE & ELEVATION

FS-002

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1 FS-003 FLOOR PLAN

FOOD SERVICE PLUMBING PLAN
1/4" = 1'-0"

MECHANICAL SYMBOLS

		HOT WATER (HW)
		COLD WATER (CW)
		WASTE (W)
	FD	FLOOR DRAIN
		GAS
	FS	FLOOR SINK - OPEN
	FS	FLOOR SINK W/HALF GRATE
		EXHAUST DUCT CONNECTION
		SUPPLY DUCT CONNECTION

PLUMBING ROUGHING IN NOTES

THIS PLAN IS INTENDED TO SHOW UTILITY REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.

WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.

PLUMBING NOTES

PLUMBING TRIM SUCH AS FAUCETS AND SINK WASTES SHALL BE FURNISHED WITH EQUIPMENT BY FOOD SERVICE EQUIPMENT CONTRACTOR. PLUMBER TO PROVIDE SERVICE, STOP VALVES, P-TRAPS, ETC., AND MAKE FINAL CONNECTIONS.

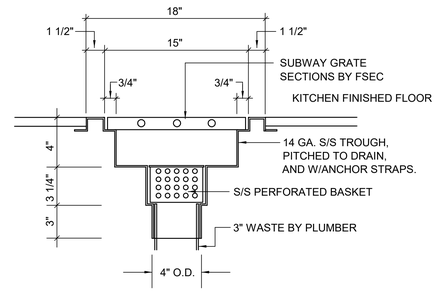
COLD STORAGE ASSEMBLY: EVAP. COIL DRAINLINES SHALL BE PROVIDED AND INSTALLED BY FOOD SERVICE EQUIPMENT CONTRACTOR.

FIRE CONTROL SYSTEM: FOOD SERVICE EQUIPMENT CONTRACTOR TO FURNISH MECHANICAL GAS SOLENOID VALVE LOOSE FOR PLUMBER TO INSTALL IN GAS SUPPLY LINE, LOCATED SO AS TO SHUT OFF ALL GAS TO COOKING EQUIPMENT WHEN ACTUATED.

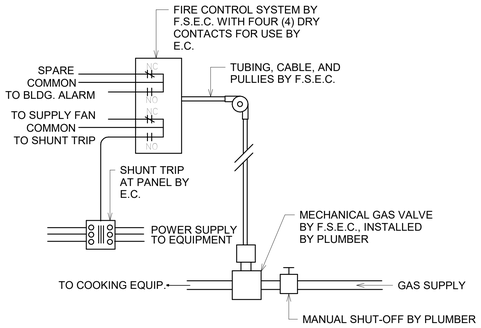
GAS COOKING EQUIPMENT SHALL BE AGA APPROVED, FURNISHED WITH PRESSURE REGULATOR REQUIRED BY FOOD SERVICE EQUIPMENT CONTRACTOR. PLUMBER TO PROVIDE GAS PIPING WITH INDIVIDUAL SHUT-OFF VALVES FOR EACH EQUIPMENT CONNECTION AND MAKE FINAL CONNECTIONS.

MECHANICAL NOTES

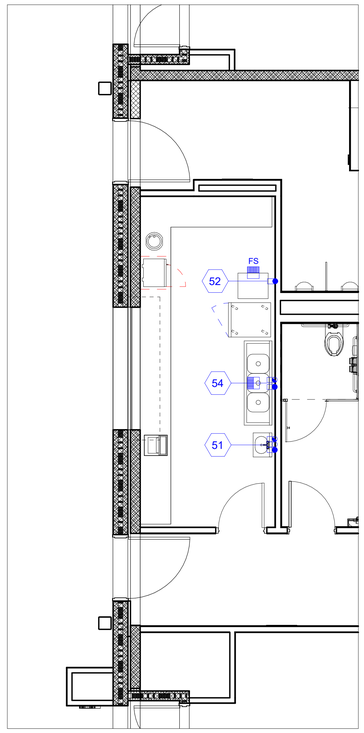
EXHAUST HOOD SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH CONNECTION COLLARS ON TOP. H.V.A.C. CONTRACTOR TO PROVIDE EXHAUST FAN, BUILDING DUCTWORK AND MAKE FINAL CONNECTIONS.



3 FS-003 FLOOR TROUGH DETAIL
NO SCALE



4 FS-003 FIRE CONTROL SYSTEM DIAGRAM MECHANICAL GAS SHUT-OFF DETAIL
NO SCALE



2 FS-003 CONCESSION STAND PLUMBING PLAN
1/4" = 1'-0"

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FOOD SERVICE PLUMBING PLAN

FS-003

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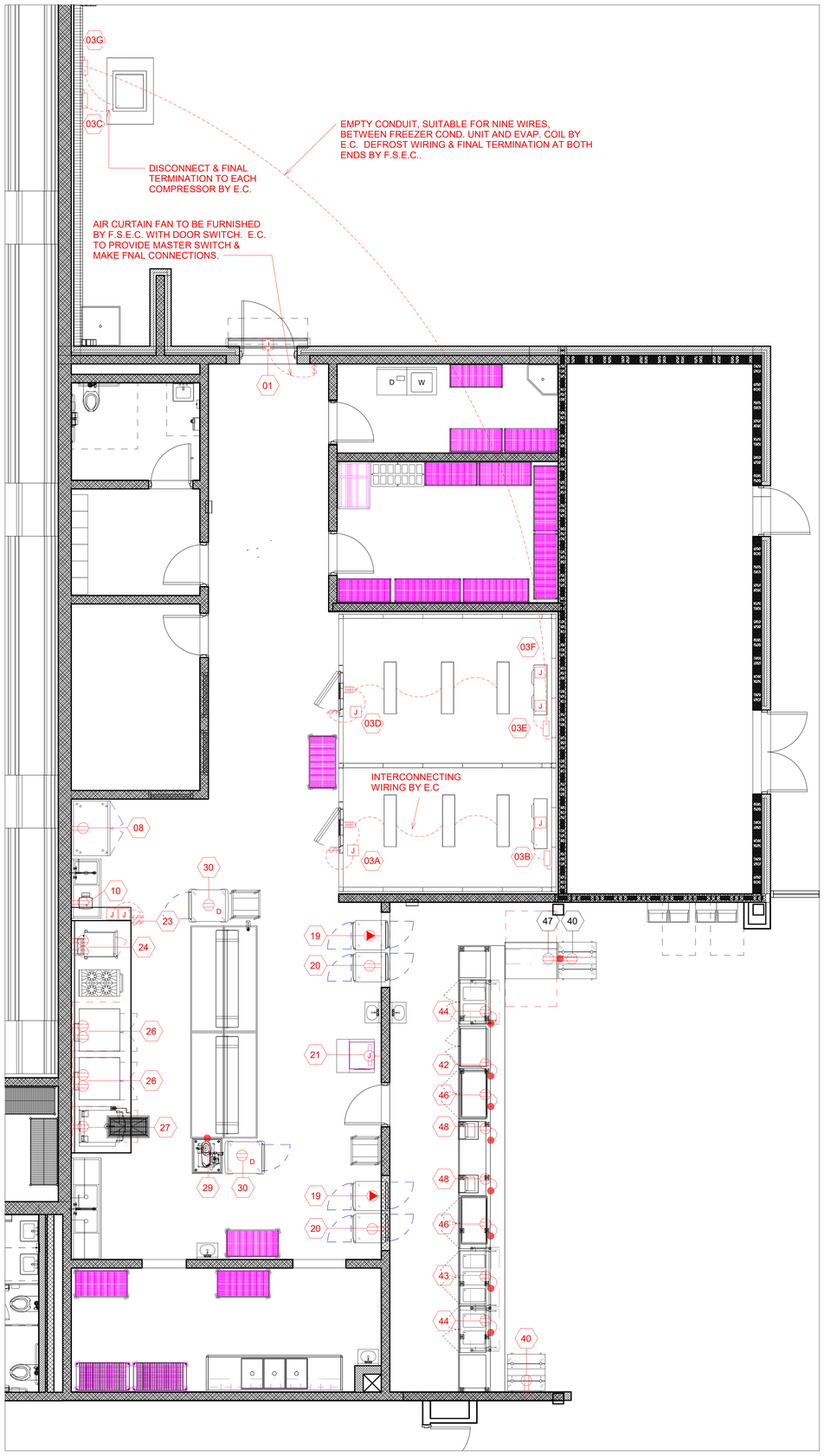


1 FS-004 FOOD SERVICE ELECTRICAL PLAN
1/4" = 1'-0"

ELECTRICAL SYMBOLS

J	J-BOX, FLUSH IN WALL
J	J-BOX FROM ABOVE
	WATERPROOF CONDUIT STUB
	DUPLEX OUTLET
	CONVENIENCE OUTLET, UNASSIGNED
F	FLOOR MOUNTED OUTLET BY E.C.
	SPECIAL OUTLET TO MATCH EQUIPMENT
T	TABLE MOUNTED OUTLET (SEE DETAIL)
D	OUTLET WITH DROP CORD FROM ABOVE
D	OUTLET WITH DROP CORD FROM ABOVE

ELECTRICAL ROUGHING IN NOTES

THIS PLAN IS INTENDED TO SHOW UTILITY REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.

WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.

ELECTRICAL NOTES

EXHAUST HOODS FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH LIGHT FIXTURES AND EMPTY CONDUIT TO J-BOX. ELECTRICAL CONTRACTOR TO INTERCONNECT TO LIGHT SWITCH IN S/S UTILITY CABINET.

EXHAUST HOOD FURNISHED WITH FAN PREWIRE PACKAGE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SWITCH IN S/S UTILITY CABINET

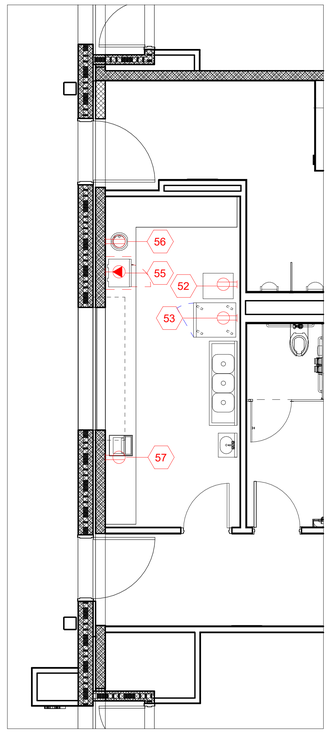
FIRE CONTROL SYSTEM FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH MECHANICAL GAS SHUT-OFF FEATURE, FOOD SERVICE EQUIPMENT CONTRACTOR TO INTERCONNECT TO GAS SOLENOID VALVE, SO AS TO SHUT OFF GAS SUPPLY TO EQUIPMENT WHEN ACTUATED.

FIRE CONTROL SYSTEM FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH APPLIANCE SHUT-OFF FEATURE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SHUNT TRIPS PER MANUFACTURERS DIAGRAM, SO AS TO SHUT OFF ALL EQUIPMENT UNDER HOODS WHEN ACTUATED.

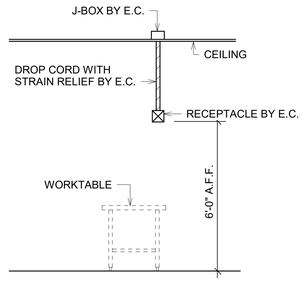
COLD STORAGE ROOMS SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH PRE-WIRED LIGHT AND SWITCH AT DOOR PANEL. ELECTRICAL CONTRACTOR TO PROVIDE INTERCONNECTING WIRING TO EXTRA LIGHT FIXTURES AND MAKE FINAL CONNECTIONS.

REFRIGERATION SYSTEMS SHALL BE FURNISHED AND INSTALLED BY FOOD SERVICE EQUIPMENT CONTRACTOR, INCLUDING DEFROST WIRING BETWEEN COND. UNIT AND EVAP. COIL. FINAL POWER DROPS AND DISCONNECTS FOR COND. UNITS AND EVAP. COILS SHALL BE BY ELECTRICAL CONTRACTOR.

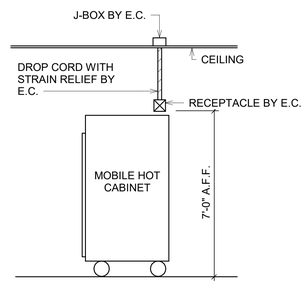
AIR CURTAIN FAN TO BE FURNISHED BY F.S.E.C. WITH DOOR SWITCH. E.C. TO PROVIDE MASTER SWITCH & MAKE FINAL CONNECTIONS.



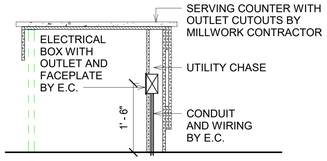
2 FS-004 CONCESSION STAND ELECTRICAL PLAN
1/4" = 1'-0"



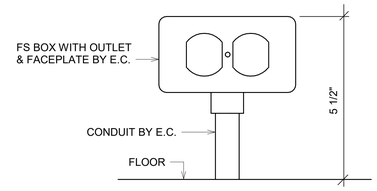
3 FS-004 CEILING-MOUNTED RECEPTACLE
NO SCALE



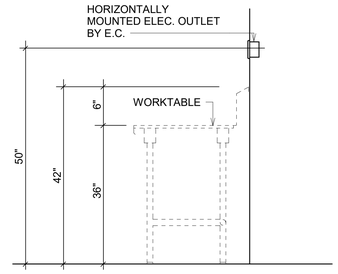
4 FS-004 DROP RECEPTACLET
NO SCALE



5 FS-004 COUNTER-MOUNTED RECEPTACLE
NO SCALE



6 FS-004 FLOOR-MOUNTED RECEPTACLE
NO SCALE



7 FS-004 TYPICAL UNASSIGNED WALL OUTLET DETAIL
NO SCALE

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FOOD SERVICE ELECTRICAL PLAN

FS-004

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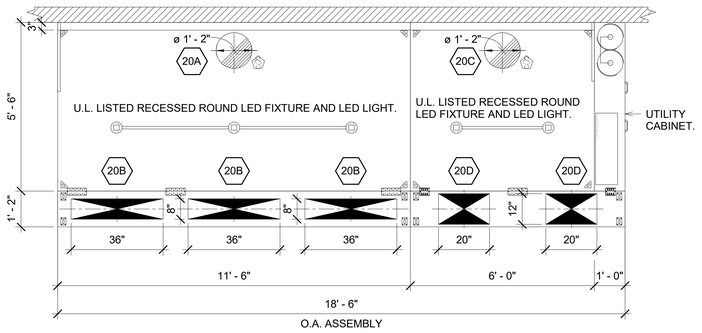
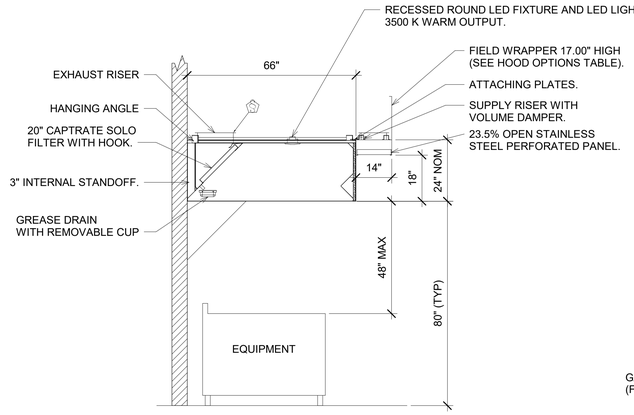
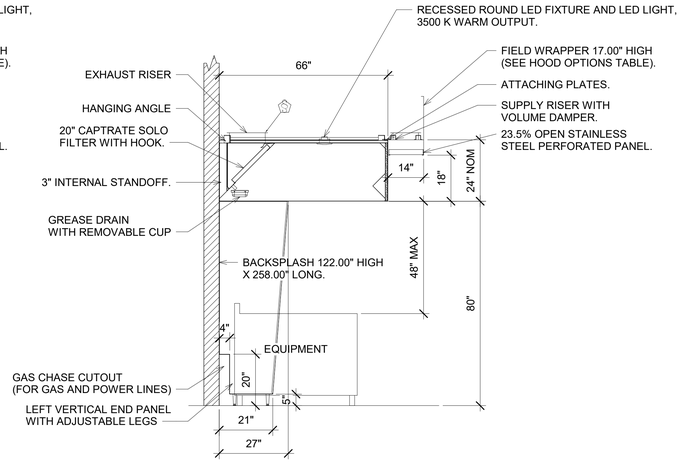


1 FS-005 EXHAUST HOOD PLAN VIEW
1/2" = 1'-0"

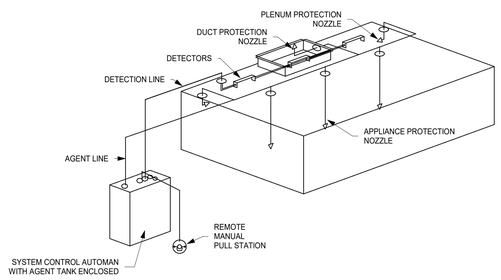


SECTION VIEW - MODEL 6624ND-2-PSP-F
HOOD - #2 (Hood 2 (23 Right))



SECTION VIEW - MODEL 6624ND-2-PSP-F
HOOD - #1 (Hood 1 (23 Left))

2 FS-005 EXHAUST HOOD SECTION VIEW
1/2" = 1'-0"



3 FS-005 LIQUID FIRE SUPPRESSION DETAIL (TYPICAL)
NO SCALE

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FOOD SERVICE
EXHAUST HOOD
DETAILS

FS-005

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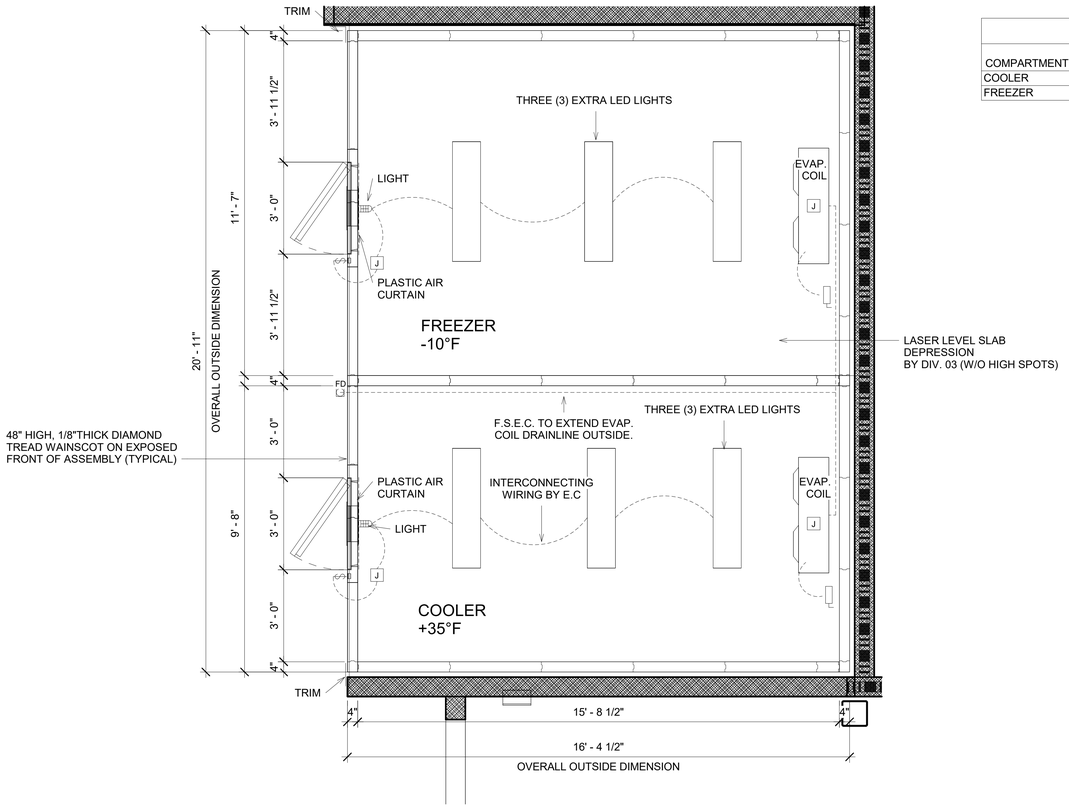
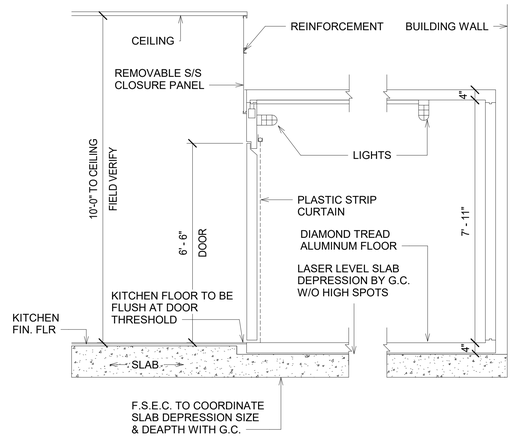


1 FS-006 COLD STORAGE ASSEMBLY PLAN
1/2" = 1'-0"

COLD STORAGE ASSEMBLY DATA						
COMPARTMENT	TEMP RANGE	DAILY BTU LOAD	LIGHTS WATTS	DOOR HEAT	VOLT	PHASE
COOLER	+35° F	10,728	400 W		120	1
FREEZER	-10° F	11,624	400 W	300 W	120	1

REFRIGERATION SYSTEMS										
AMBIENT TEMP.	RUN TIME	COND. UNIT			SUCTION TEMP	EVAP. COIL				
		MCA	VOLT	PHASE		AMP	VOLT	PHASE	DEFROST	
100° F	16 HOURS	11.1	208	3	24.8° F	2.0	120	1	OFF-CYCLE	
100° F	18 HOURS	17	208	3	-19.2° F	1.8	208	1	ELECTRIC	



2 FS-006 COLD STORAGE ASSEMBLY SECTION
1/2" = 1'-0"

WALK-IN NOTES

EXTERIOR SURFACES
.040 PATTERNED ALUMINUM WITH 48" HIGH WAINSCOT ON EXPOSED SURFACES.

INTERIOR WALLS
.040 PATTERNED ALUMINUM WITH WHITE FINISH.

INTERIOR CEILING
.040 PATTERNED ALUMINUM WITH WHITE ENAMEL.

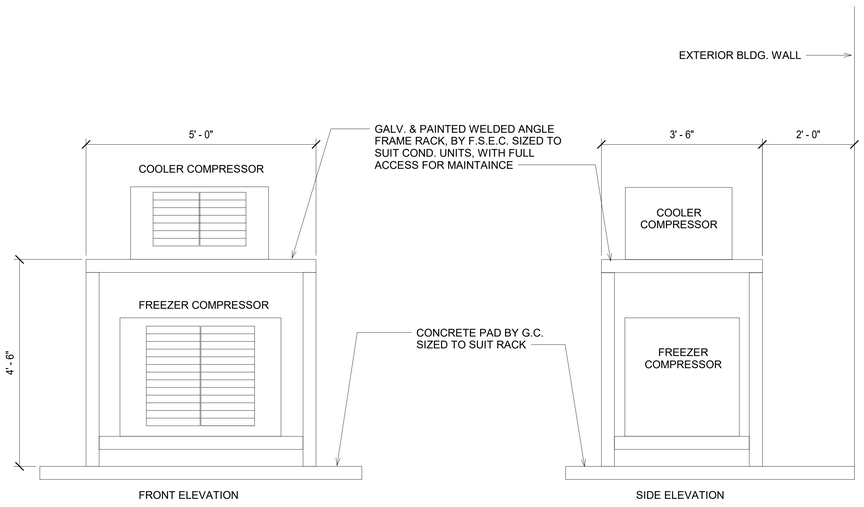
INTERIOR FLOOR
RECESSED INSULATED FLOOR BY F.S.E.C. WITH .100 DIAMOND TREAD ALUMINUM. 1200 LBS STRUCTURAL FLOOR.

DOORS
NOMINAL 36"x78" FINISHED TO MATCH EXTERIOR. CHROME PLATED HARDWARE; 1/8" DIAMOND TREAD KICK PLATE, 48" HIGH, BOTH SIDES.

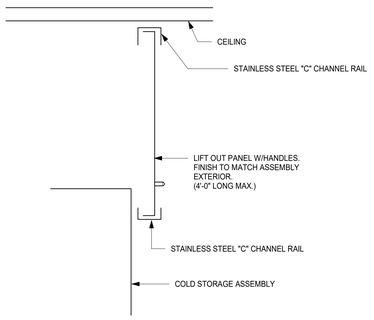
REFRIGERATION
AIR COOLED REMOTE CONDENSING UNITS WITH ALL WEATHER HOUSING, AND CONTROLS FOR OUTDOOR OPERATION.

MISCELLANEOUS
TRIM STRIPS, EVAPORATOR DRAIN LINES, DIAL THERMOMETERS, TOP CLOSURE PANELS, PLASTIC STRIP CURTAINS AND 1/8" DIAMOND TREAD WAINSCOT ACROSS FRONT OF ASSEMBLY.

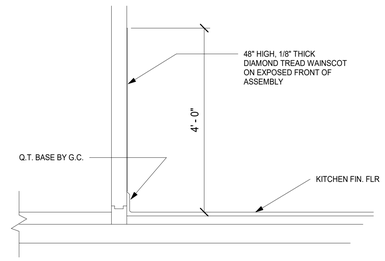
LIGHTS
MANUFACTURER TO FURNISH EXTRA LIGHT FIXTURES AS REQUIRED TO PROVIDE 50 FT. CANDLES 30" ABOVE FLOOR MINIMUM. F.S.E.C. TO INSTALL AND E.C. TO CONNECT.



3 FS-006 CONDENSING UNIT DETAIL
NO SCALE

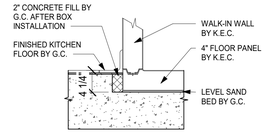


4 FS-006 REMOVABLE S/S PANEL DETAIL
NO SCALE



5 FS-006 WAINSCOT DETAIL
NO SCALE

NOTES:
- WALK-IN FLOOR PANELS MUST SIT ON A LEVEL SURFACE. G.C. TO PROVIDE LASER-LEVEL SURFACE WITHOUT HIGH SPOTS FOR WALK-IN FLOOR PANELS.
- MANUFACTURER MUST KNOW PRIOR TO FABRICATION: DEPTH OF PIT; THICKNESS OF SAND; TILE THICKNESS & GROUT THICKNESS TO SIZE DOOR HEIGHT CORRECTLY.



6 FS-006 RECESSED WALK-IN FLOOR
NO SCALE

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FOOD SERVICE COLD STORAGE DETAILS

FS-006

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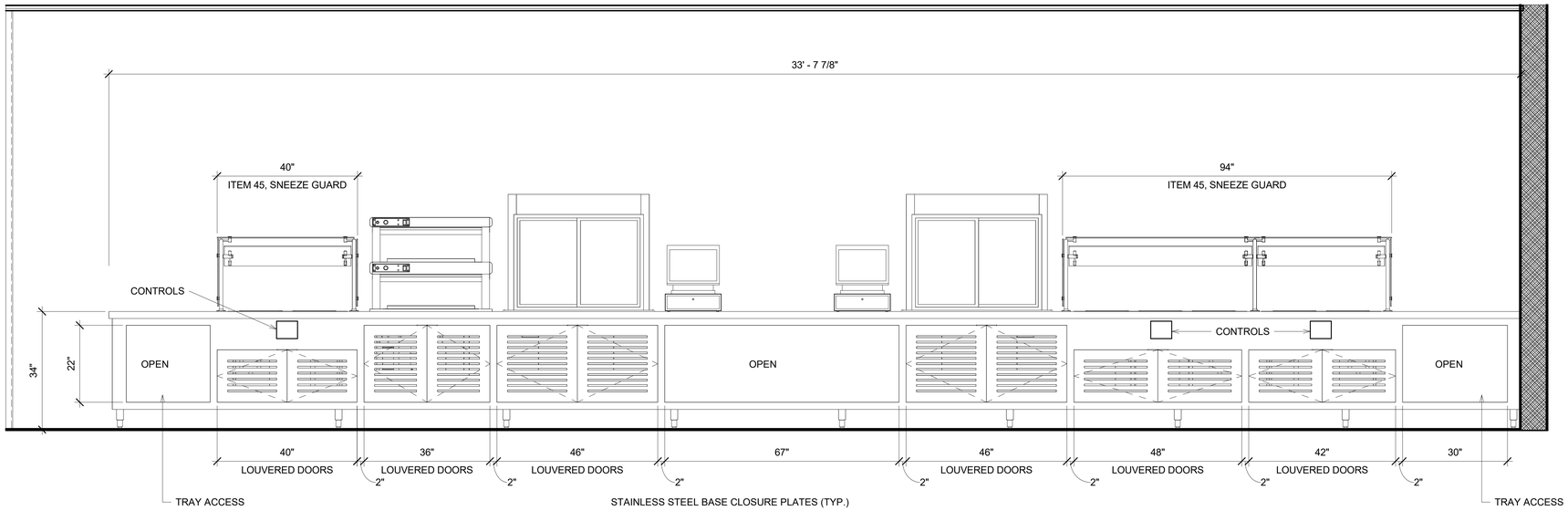
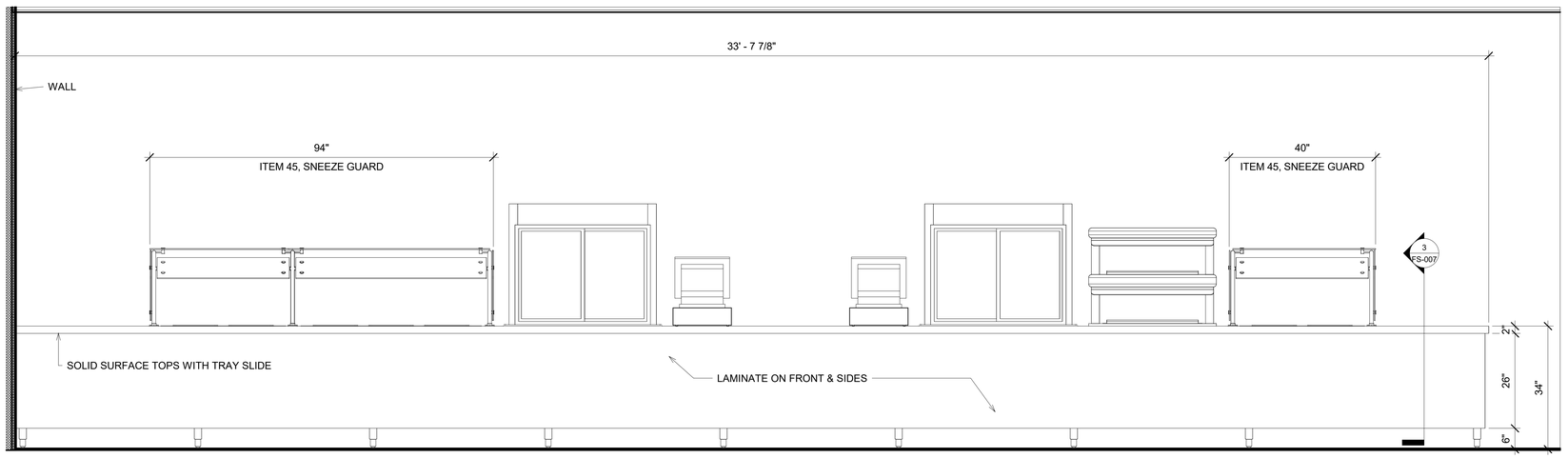
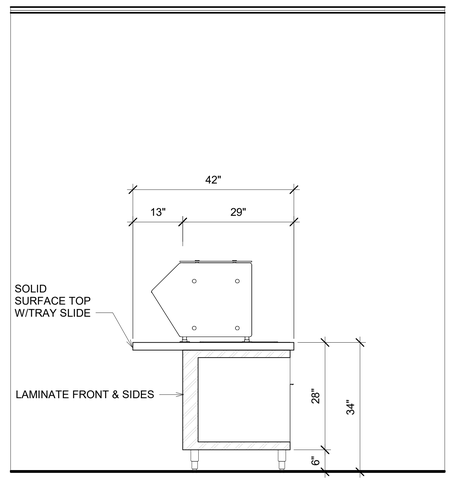


1 FS-007 SERVING COUNTER, REAR ELEVATION
3/4" = 1'-0"
ITEM 41

SERVING COUNTER CONSTRUCTION FINISHES:
1. TOP: SOLID SURFACE AS SELECTED BY ARCHITECT
2. BODY, HEADER: 18 GA S/S OR WOODFRAME AS DETAILED. PLASTIC LAMINATE FRONTS & SIDES MODEL / COLOR(S) AND PATTERN AS SELECTED BY ARCHITECT
3. UNDERSHELVING: 16 GA. S/S ON WORKING SIDES
4. TRAY SLIDES: SOLID SURFACE WITH 4 EA. S/S RIBS
5. TOE BASE 16 GA. BRUSHED STAINLESS STEEL (REMOVABLE)



2 FS-007 SERVING COUNTER, FRONT ELEVATION
3/4" = 1'-0"
ITEM 41



3 FS-007 SERVING COUNTER SECTION
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FOOD SERVICE DETAILS

FS-007

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