



514 Market Street, Wilmington NC 28401  
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February 21st, 2019

## **ADDENDUM #1**

Renovations to:  
M.C.S. Noble Middle School  
6520 Market Street  
Wilmington NC 28405

Project ID: 900-9008

This addendum forms a part of the contract documents and modifies the original drawings and project manual dated February 2019. The enclosed additions, deletions, corrections, and changes shall be as binding as if incorporated in the original documents. All General Conditions, Special Conditions, etc. as originally specified shall apply to these items. Acknowledgement of receipt of this addendum will be required as part of the contract agreement.

### **Item 1**            **Project Manual, 011000 Summary**

Add 1.2 B Work Restrictions.

The general contractor shall exercise fume control during reroofing operations and fume shall be prevented from entering the building during reroofing operations. The contractor shall coordinate zoned HVAC and exhaust fan shutdown during re-roofing operations with NHCS.

### **Item 2**            **Project Manual, 012100 Allowances**

Add Allowance #2 which states: Provide a 250,000.00 allowance to construct a concrete walkway and covered aluminum canopy from the Noble secondary drop off area to Blair School.

### **Item 3**            **Project Manual, 0012300 Alternates**

Alternate #2: Revise alternate language to state:

State the amount to be added to the base bid **to provide infrastructure for the owner provided mobile units** including all required gravel, sidewalks, water system, sanitary sewer system and other associated infrastructure as delineated in the contract documents.

Alternate #4: Clarification. Alternate #4 shall be a single lump sum amount comprised of alternates A4.1-A4.5 as noted on the electrical and power drawings.

Add the following:

Alternate #10. Provide an additive sum to provide epoxy grout in lieu of standard grout at all ceramic tile floor locations.

Add the following:

Alternate #11. Electrical Contractor shall provide in each Science Room (CR36, CR37, CR9, CR10, CR11 and CR12), one illuminated mushroom type red pushbutton (Normally closed/push to open (turn off), pull to reset) located adjacent to exit door. Provide one electrically held, 10 pole, 120V contactor mounted above ceiling controlled from illuminated mushroom type red pushbutton. Electrical contractor shall re-route all receptacle circuits, gas elect control valve

**ADDENDUM #1**

circuit and water elect control valve circuit from panel(s) thru 10 pole contractor to achieve single point shut down and shall provide complete and functional system for each Science Room.

**Item 4**                    **Project Manual, 096466 Wood Athletic Flooring**

Revise 2.1 E to read:

Fasteners:

1. Flooring – 2” barbed cleats. (staples not permitted)
2. Anchor Pins – Steel Drive Pins or Hammer Drive Pins with rubber bonded washer.

Revise 2.3 D to read:

Fasteners: Cleats and pins of type and size recommended by manufacturer, but not less than those recommended by MFMA for application indicated. Staples not permitted.

**Item 5**                    **Project Manual, 096519 Resilient Tile Flooring**

Revise 3.4 D. 1. a. to read:

- a. Prepare surface as per manufacturer’s directions and apply (5) coats of wax on floors in classrooms/offices and (7) coats of wax on floors in corridors.

**Item 6**                    **Project Manual, 105113 Lockers**

Revise “2.3 METAL WARDROBE LOCKERS” to read “2.3 PE METAL LOCKERS”.

Revise “2.4 METAL ATHLETIC LOCKERS” to read “2.4 TEAM ROOM LOCKERS”.

Revise 2.5 D. to read:

Continuous Sloping Tops (**PE Metal Lockers Only**): Fabricated in lengths as long as practical, without visible fasteners at splice locations; finished to match lockers.

1. Sloped top corner fillers, mitered.

**Item 7**                    **Drawings C2.01 Staking and Planting Plan**

Concrete walkway to mobile units has been revised.

**Item 8**                    **Drawings R1.01 Renovation Reference Plan**

Reception waiting 103. Masonry wing wall has been deleted and door swing revised.

**Item 9**                    **Drawings A1.01A Renovation Floor Plan Area A**

Various dimensions strings have been revised to masonry dimensions. Bullnose cmu is now required at all outside corners.

**Item 10**                   **Drawings A1.01B Renovation Floor Plan Area B**

Various dimensions strings have been revised to masonry dimensions. Bullnose cmu is now required at all outside corners.

**Item 11**                   **Drawings A1.01C Renovation Floor Plan Area C**

Various dimensions strings have been revised to masonry dimensions. Bullnose cmu is now required at all outside corners.

**Item 12**                   **Drawings A1.01D Renovation Floor Plan Area D**

Bullnose cmu is now required at all outside corners.

- Item 13**      **Drawings A2.01 Enlarged Bathroom Plans**  
Various dimensions strings have been revised to masonry dimensions. Bullnose cmu is now required at all outside corners.
- Item 14**      **Drawings A2.03 Enlarged Locker Room Plan Area B**  
Various dimensions strings have been revised to masonry dimensions. Bullnose cmu is now required at all outside corners.
- Item 15**      **Drawings A2.04 Enlarged Gymnasium Elevations and Details**  
Wall padding has been elevated above vented base, Vapor barrier has been added to wood flooring details.
- Item 16**      **Drawings A2.05 Mobile Classroom Ramps and Platform Plans**  
Concrete walkway to mobile units has been revised.
- Item 17**      **Drawings A2.06 Enlarged Gymnasium Floor Layout**  
Court striping dimensions have been revised.
- Item 18**      **Drawings A3.01 Finish Schedules and Wall Types**  
Floor tile finish types have been revised to coordinate with revised tile floor patterns.
- Item 19**      **Drawings A3.02 Detail 4/A3.02 Door Schedule and Window/Door Details**  
Thru wall flashing and weep holes have been added.
- Item 20**      **Drawings 4.01 Millwork Details**  
Millwork dimensions have been coordinated, an access panel has been added to detail 8/A4.01.
- Item 21**      **Drawings 5.01A Reflected Ceiling Plan Area A**  
Steel headers have been revised to cmu bond beams. General bracing notes have been added to bulkhead details.
- Item 22**      **Drawings 5.01B Reflected Ceiling Plan Area B**  
Detail 4/A5.01B has been coordinated with structural drawings. General bracing notes have been added to bulkhead details.
- Item 23**      **Drawings 5.01D Reflected Ceiling Plan Area D**  
Bracing notes have been added to bulkhead details.
- Item 24**      **Drawings ID-101A Interior Design Floor Pattern Plan Area A and Enlarged Lockers and Toilets**  
Tile Floor Pattern and Type has been revised.
- Item 25**      **Drawings ID-101B Interior Design Floor Pattern Plan Area B**  
Tile Floor Pattern and Type has been revised.
- Item 26**      **Drawings S3.01 Sections and Details**  
Detail A-A/S3.01 'New Lintel in Existing Wall' and 'Lintel Schedule' have been revised.
- Item 27**      **Drawing PD1.01A**  
Added demolition of existing 1,200 gallon electric domestic water heater.
- Item 28**      **Drawing P1.02**  
Clarified Plumbing Contractor scope of work concerning domestic water and sanitary waste piping connections to modular classrooms.

- Item 29**            **Drawing P4.02**  
Identified addition of new domestic hot water storage tank.
- Item 30**            **Drawing P5.01**  
Revised detail to include new domestic hot water storage tank.
- Item 31**            **Drawing P6.01**  
Added new domestic hot water storage tank to Plumbing Fixture Schedule.
- Item 32**            **Project Manual, 238119 - Self-Contained Air-Conditioners**  
Added new specification.
- Item 33**            **Drawing M0.01**  
Added Mechanical General Notes.
- Item 34**            **Drawing M2.01C**  
Added Keyed Note specifying coordination between mechanical and general contractors concerning removing and applying new roof membrane.
- Item 35**            **Drawing M2.01D**  
Added Keyed Note specifying coordination between mechanical and general contractors concerning removing and applying new roof membrane.
- Item 36**            **Drawing E1.00**  
Relocated conduit stub-up
- Item 37**            **Drawing ED3.01B**  
Key Note symbol provided in schedule
- Item 38**            **Drawing E1.01A**  
Large water storage tank removed and smaller storage tank provided to allow for required clearance, an auxiliary section is added to end of MDP Distribution Section to allow for coverage of (x)conduit from below slab and be able to enter the MDP.
- Item 39**            **Drawing E1.01B**
- Receptacles within 6' of sinks have been labeled GFI.
  - Modified note 3.
  - Receptacles within Kitchen area changed to GFI.
- Item 40**            **Drawing E1.01C**  
Alternate Bid #11 has been added. Electrical Contractor shall provide in each Science Room (CR36, CR37, CR9, CR10, CR11 and CR12), one illuminated mushroom type red pushbutton (Normally closed/push to open (turn off), pull to reset) located adjacent to exit door. Provide one electrically held, 10 pole, 120V contactor mounted above ceiling controlled from illuminated mushroom type red pushbutton. Electrical contractor shall re-route all receptacle circuits, gas elect control valve circuit and water elect control valve circuit from panel(s) thru 10 pole contactor to achieve single point shut down and shall provide complete and functional system for each Science Room.
- Added Note 4 & Note 5 and details to cover above statement.
- Item 41**            **Drawing E1.01D**  
GFI added to receptacles within 6' of sink.
- Item 42**            **Drawing E2.01A**  
2-head emergency fixtures added.

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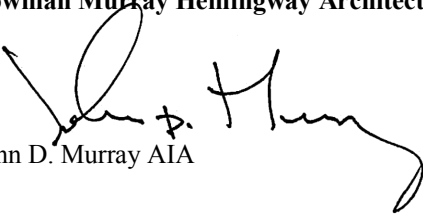
- Item 43**      **Drawing E2.01B**  
2-head emergency fixtures added at stage and restrooms and emergency fixtures and exit signs added in large classrooms.
- Item 44**      **Drawing EMU1.01**  
Removed pull stations from mobile units.
- Item 45**      **Drawing E6.01**  
Ground size revised and labeled switchboard MDP to match schedule.
- Item 46**      **Drawing E4.01A**  
Moved door hold open at door from Reception to Corridor R.
- Item 47**      **Drawing E6.02**  
Updated panel schedules.
- Item 48**      **Re-issued Drawing List**  
Revised drawings included as attachments:

C2.01	STAKING AND PLANTING PLAN
R1.01	RENOVATION ROOF PLAN
A1.01A	RENOVATION FLOOR PLAN – AREA A
A1.01B	RENOVATION FLOOR PLAN – AREA B
A1.01C	RENOVATION FLOOR PLAN – AREA C
A1.01D	RENOVATION FLOOR PLAN – AREA D
A2.01	ENLARGED BATHROOM PLANS
A2.03	ENLARGED LOCKER ROOM PLAN – AREA B
A2.04	ENLARGED GYMNASIUM ELEVATIONS AND DETAILS
A2.05	MOBILE CLASSROOM RAMPS & PLATFORM PLANS
A2.06	ENLARGED GYMNASIUM FLOOR LAYOUT
A3.01	FINISH SCHEDULES AND WALL TYPES
A3.02	DOOR SCHEDULE & WINDOW/DOOR DETAILS
A4.01	MILLWORK DETAILS
A5.01A	REFLECTIVE CEILING PLAN – AREA A
A5.01B	REFLECTIVE CEILING PLAN – AREA B
A5.01D	REFLECTIVE CEILING PLAN – AREA D
ID-101A	INTERIOR DESIGN FLOOR PATTERN PLAN AREA A & ENLARGED LOCKERS & TOILETS
ID-101B	INTERIOR DESIGN FLOOR PATTERN PLAN AREA B
S3.01	SECTIONS & DETAILS
PD1.01A	DEMOLITION FLOOR PLAN - AREA A
P1.02	ALTERNATE 2 MODULAR UNITS
P4.02	ENLARGED DOMESTIC WATER PLANS
P5.01	PLUMBING DETAILS
P6.01	PLUMBING SCHEDULES
M0.01	SCHEDULES, LEGEND, MECHANICAL AND ENERGY SUMMARIES
M2.01C	DOMESTIC WATER PLAN - AREA C
M2.01D	DOMESTIC WATER PLAN - AREA D
E1.00	SITE PLAN - ELECTRICAL DEMOLITION, NEW WORK AND DETAILS

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ED3.01B	DEMOLITION VOICE/DATA FLOOR PLAN - AREA B
E1.01A	POWER FLOOR PLAN - AREA A
E1.01B	POWER FLOOR PLAN - AREA B
E1.01C	POWER FLOOR PLAN - AREA C
E1.01D	POWER FLOOR PLAN - AREA D
E2.01A	ELECTRICAL LIGHTING FLOOR PLAN - AREA A
E2.01B	ELECTRICAL LIGHTING FLOOR PLAN - AREA B
E2.01C	ELECTRICAL LIGHTING FLOOR PLAN - AREA C
E2.01D	ELECTRICAL LIGHTING FLOOR PLAN - AREA D
E4.01A	SYSTEMS FLOOR PLAN - AREA A
E6.01	ELECTRICAL DEMOLITION RISER, RISER DIAGRAM AND DETAILS
E6.02	ELECTRICAL PANEL SCHEDULES

**Bowman Murray Hemingway Architects, PC**



John D. Murray AIA

**PLANT SCHEDULE**

KEY	QTY	PLANT NAME	MINIMUM SIZE	REMARKS
AR	4	RED MAPLE <i>Acer rubrum 'October Glory'</i>	2.5" CAL., 10' HT.	BBB, STRAIGHT TRUNK FULL CROWN
LN	2	NATCHEZ GRAPE WATTLE <i>Lophostroemia l. x f. 'Natchez'</i>	3-5 TRUNKS 10' HT.	BBB
OL	3	OVERCUP OAK <i>Quercus lyrata</i>	2.5" CAL., 10' HT.	BBB, STRAIGHT TRUNK FULL CROWN
OY	2	LIVE OAK <i>Quercus virginiana</i>	2.5" CAL., 10' HT.	BBB, STRAIGHT TRUNK FULL CROWN
<b>EVERGREEN SHRUBS</b>				
IC	10	DWARF HOLLY <i>Ilex crenata 'Rotundifolia'</i>	36" HT./SPR.	CONT., FULL 5.0' O.C.
RI	10	YEDDO HAWTHORNE <i>Rhododendron umbrata</i>	36" HT./SPR.	CONT., FULL 5.0' O.C.
RR	10	ENCORE AZALEA AUTUMN JEWEL <i>Rhododendron 'Noblesse' PP25074</i>	36" HT./SPR.	CONT., FULL 5.0' O.C.

LAWN AREAS, SEE SEEDING NOTES DETAIL SHEET CS.03

GRAPHIC SYMBOLS SUPERCEDE WRITTEN QUANTITIES WHERE DISCREPANCIES OCCUR.

**DISTURBED LAND TREE CALCULATIONS**

15 TREES (MIN. 2" CAL.)/ACRE OF DISTURBED LAND  
ACRES DISTURBED: 3  
CREDITS REQUIRED: 45 CREDITS  
CREDITS FOR EXISTING TREES TO REMAIN (HARDWOOD):

SIZE	QTY.	CREDIT VALUE	TOTAL
2"-5" CALIPER	30	1	30
6"-11"	7	2	14
12"-17"	4	3	12
18"-23"	1	4	4
>24"	0	DBH/8 (178)	0
<b>TOTAL:</b>			<b>60</b>

TOTAL CREDITS PROVIDED: 60+ (SEE EXISTING CONDITIONS)

A TREE REMOVAL/PRESERVATION PERMIT IS REQUIRED PRIOR TO REMOVING ANY TREES. CONTACT CITY OF WILMINGTON ZONING DEPARTMENT TO OBTAIN COPY OF PERMIT. ENSURE TO PROVIDE COPY OF TREE REMOVAL CHART WITH PERMIT.

**LANDSCAPING FOR EXPANSIONS TO EXISTING STRUCTURES OR USES**

PER UDO SECTION 18-510.  
NO INCREASE OF GFA PROPOSED  
32 ADDITIONAL PARKING SPACES  
4% INTERIOR LANDSCAPING REQUIRED  
THE VEHICULAR USE AREA HAS NOT BEEN INCREASED.

**LANDSCAPING FOR IMPROVED PARKING LOT**

14,745 S.F. OF IMPROVED PARKING REQUIRES 4% INTERIOR LANDSCAPING  
4% OF 14,745 SF = 590 S.F. OF REQUIRED INTERIOR LANDSCAPING  
2,540 S.F. OF INTERIOR LANDSCAPING HAS BEEN PROVIDED

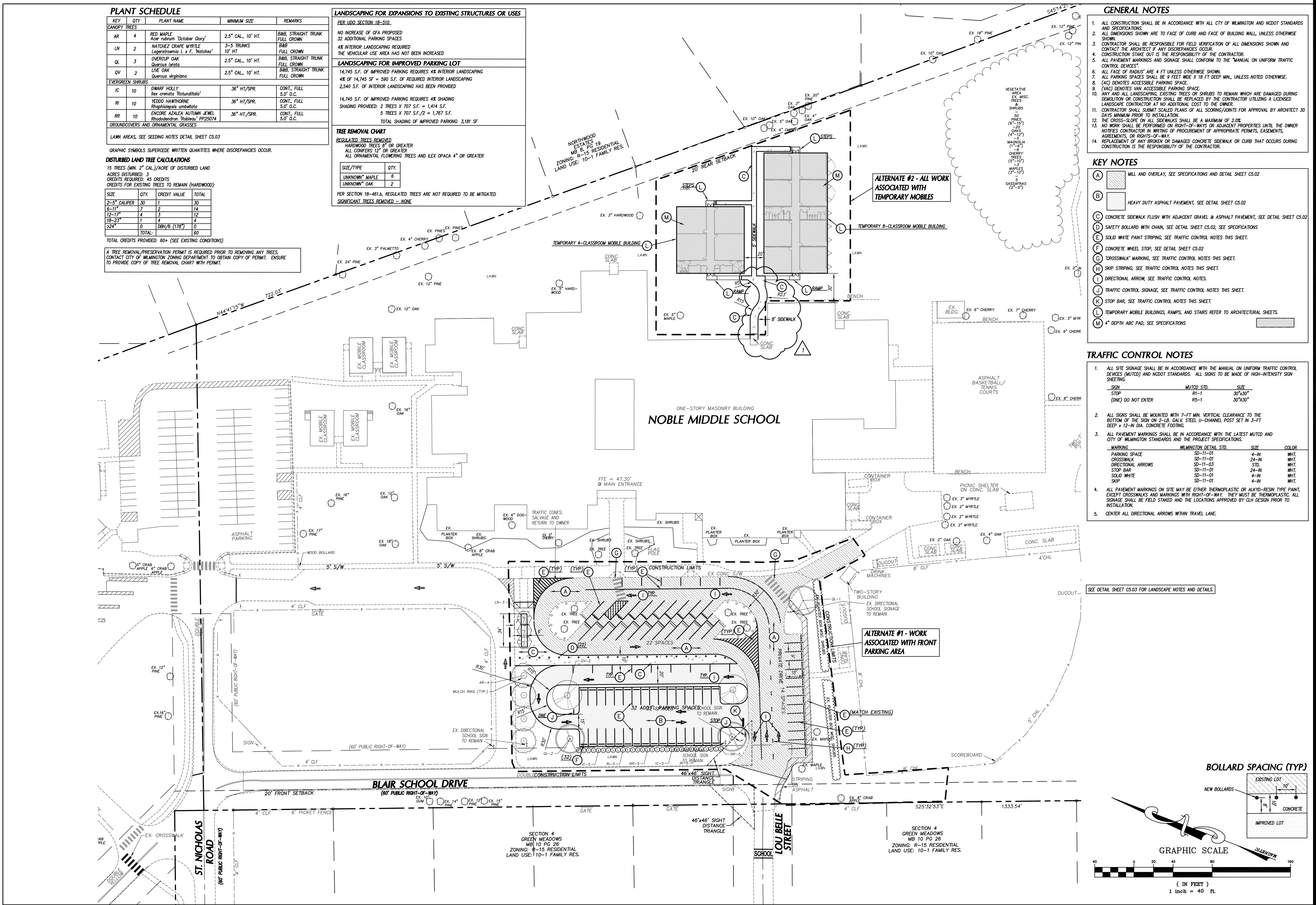
14,745 S.F. OF IMPROVED PARKING REQUIRES 4% SHADING  
SHADING PROVIDED: 2 TREES X 707 S.F./2 = 1,414 S.F.  
5 TREES X 277 S.F./2 = 1,767 S.F.  
TOTAL SHADING OF IMPROVED PARKING: 3,181 SF

**TREE REMOVAL CHART**

REGULATED TREES REMOVED:  
HARDWOOD TREES 8" OR GREATER  
ALL CONifers 12" OR GREATER  
ALL ORNAMENTAL FLOWERING TREES AND ILEX OPACA 4" OR GREATER

SIZE/TYPE	QTY.
UNKNOWN* MAPLE	6
UNKNOWN* OAK	2

PER SECTION 18-461b, REGULATED TREES ARE NOT REQUIRED TO BE MITIGATED  
SIGNIFICANT TREES REMOVED - NONE



**GENERAL NOTES**

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF WILMINGTON AND NCDOT STANDARDS AND SPECIFICATIONS.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB AND FACE OF BUILDING WALL, UNLESS OTHERWISE SHOWN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS SHOWN AND CONTACT THE ARCHITECT IF ANY DISCREPANCIES OCCUR.
- CONSTRUCTION STAKE OUT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
- ALL FACE OF "BARRIERS" ARE 4 FT UNLESS OTHERWISE SHOWN.
- ALL PARKING SPACES SHALL BE 9 FEET WIDE X 18 FT DEEP MIN., UNLESS NOTED OTHERWISE.
- (AO) DENOTES ACCESSIBLE PARKING SPACE.
- (VAC) DENOTES VAN ACCESSIBLE PARKING SPACE.
- ANY AND ALL LANDSCAPING, EXISTING TREES OR SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR UTILIZING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL SUBMIT SCALED PLANS OF ALL SCORING/CONTS FOR APPROVAL BY ARCHITECT 30 DAYS MINIMUM PRIOR TO INSTALLATION.
- THE CROSS-SLOPE ON ALL SIDEWALKS SHALL BE A MAXIMUM OF 2.0%.
- NO WORK SHALL BE PERFORMED ON RIGHT-OF-WAYS OR ADJACENT PROPERTIES UNTIL THE OWNER NOTIFIES CONTRACTOR IN WRITING OF PROCUREMENT OF APPROPRIATE PERMITS, EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY.
- REPLACEMENT OF ANY BROKEN OR DAMAGED CONCRETE SIDEWALK OR CURB THAT OCCURS DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR.

**KEY NOTES**

- (A) MILL AND OVERLAY, SEE SPECIFICATIONS AND DETAIL SHEET CS.02
- (B) HEAVY DUTY ASPHALT PAVEMENT, SEE DETAIL SHEET CS.02
- (C) CONCRETE SIDEWALK FLUSH WITH ADJACENT GRAVEL & ASPHALT PAVEMENT, SEE DETAIL SHEET CS.02
- (D) SAFETY BOLLARD WITH CHAIN, SEE DETAIL SHEET CS.02, SEE SPECIFICATIONS
- (E) SOLID WHITE PAINT STRIPING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (F) CONCRETE WHEEL STOP, SEE DETAIL SHEET CS.02
- (G) CROSSWALK MARKING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (H) SHOP STRIPING, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (I) DIRECTIONAL ARROW, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (J) TRAFFIC CONTROL SIGNAGE, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (K) STOP BAR, SEE TRAFFIC CONTROL NOTES THIS SHEET.
- (L) TEMPORARY MOBILE BUILDINGS, RAMP, AND STAIRS REFER TO ARCHITECTURAL SHEETS.
- (M) 4" DEPTH ABC PAD, SEE SPECIFICATIONS

**TRAFFIC CONTROL NOTES**

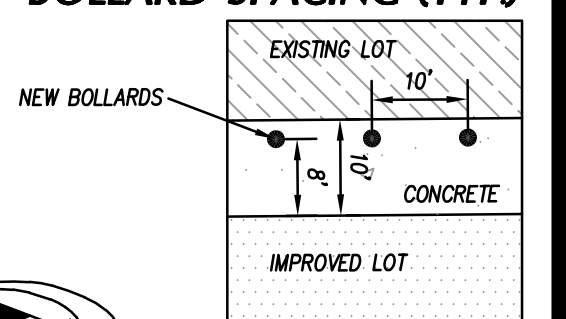
- ALL SITE SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND NCDOT STANDARDS. ALL SIGNS TO BE MADE OF HIGH-INTENSITY SIGN SHEETING.
 

STOP	MUTCD STD.	SIZE
RS-1	RS-1	30"x30"
(ONE) DO NOT ENTER	RS-1	30"x30"
- ALL SIGNS SHALL BE MOUNTED WITH 7"-MIN. VERTICAL CLEARANCE TO THE BOTTOM OF THE SIGN ON 2-1/2" GALV. STEEL U-CHANNEL POST SET IN 3-FT DEEP X 12-IN DIA. CONCRETE FOOTING.
- ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST MUTCD AND CITY OF WILMINGTON STANDARDS AND THE PROJECT SPECIFICATIONS.
 

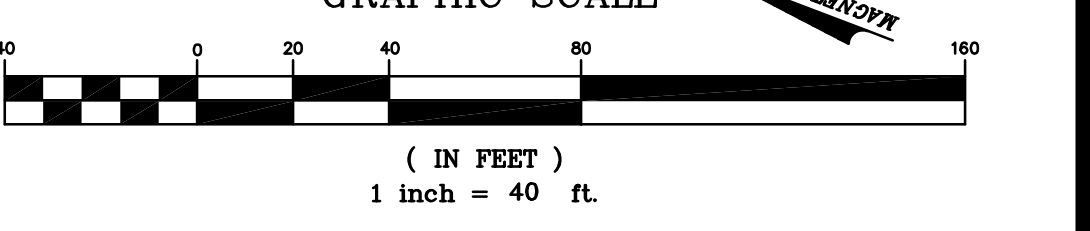
MARKING	WILMINGTON DETAIL STD.	SIZE	COLOR
PARKING SPACE	SD-11-01	4'-IN	WHIT.
CROSSWALK	SD-11-01	24'-IN	WHIT.
DIRECTIONAL ARROWS	SD-11-03	STD.	WHIT.
STOP BAR	SD-11-01	24'-IN	WHIT.
SOLID WHITE STOP	SD-11-01	4'-IN	WHIT.
STOP	SD-11-01	4'-IN	WHIT.
- ALL PAVEMENT MARKINGS ON SITE MAY BE EITHER THERMOPLASTIC OR ALUO-RESIN TYPE PAINT, EXCEPT CROSSWALKS AND MARKINGS WITH RIGHT-OF-WAY. THEY MUST BE THERMOPLASTIC. ALL SIGNAGE SHALL BE FIELD STAKED AND THE LOCATIONS APPROVED BY CLH DESIGN PRIOR TO INSTALLATION.
- CENTER ALL DIRECTIONAL ARROWS WITHIN TRAVEL LANE.

SEE DETAIL SHEET CS.03 FOR LANDSCAPE NOTES AND DETAILS.

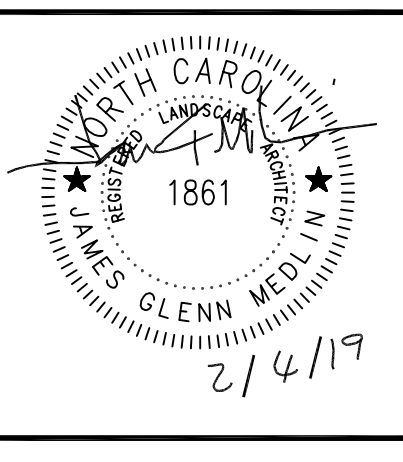
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**GRAPHIC SCALE**



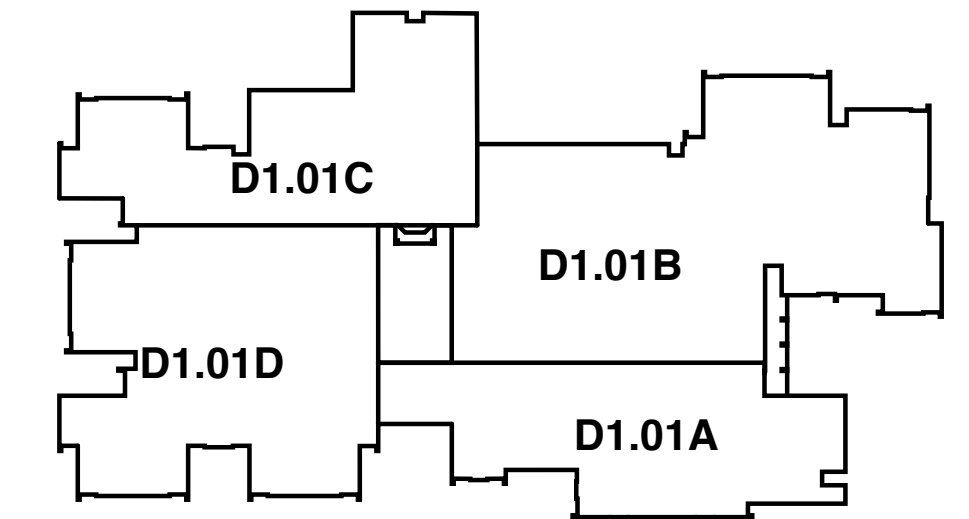
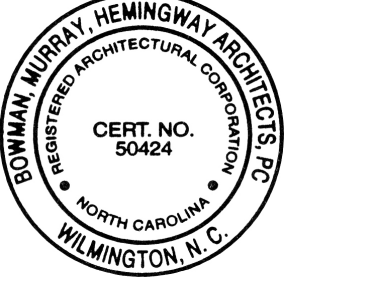
**h m h**  
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MURRAY  
HEMINGWAY  
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CLH DESIGN, P.A.  
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Wilmington, NC 28409  
Tel: (910) 762-9700  
Fax: (910) 762-1585



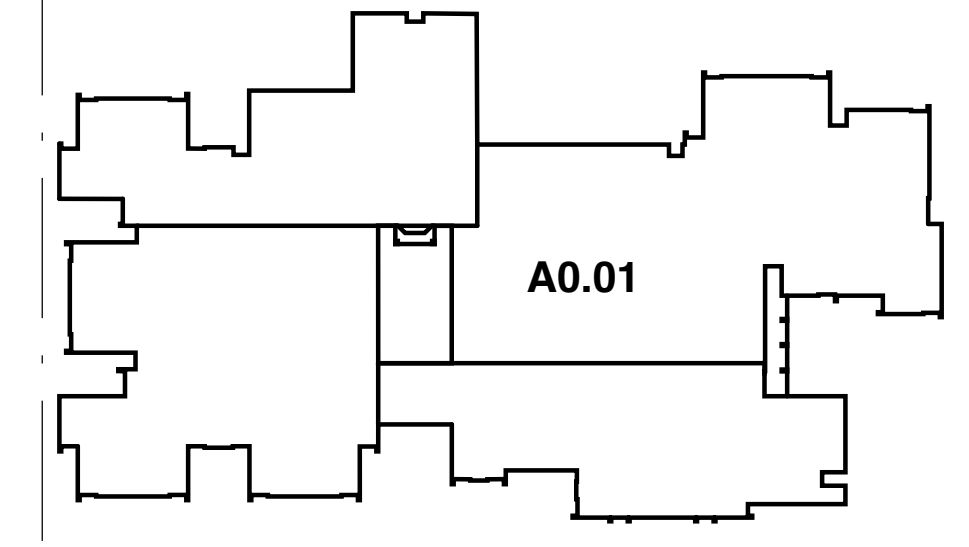
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**M.C.S. Noble Middle School**  
6520 Market Street  
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**STAKING AND  
PLANTING PLAN**

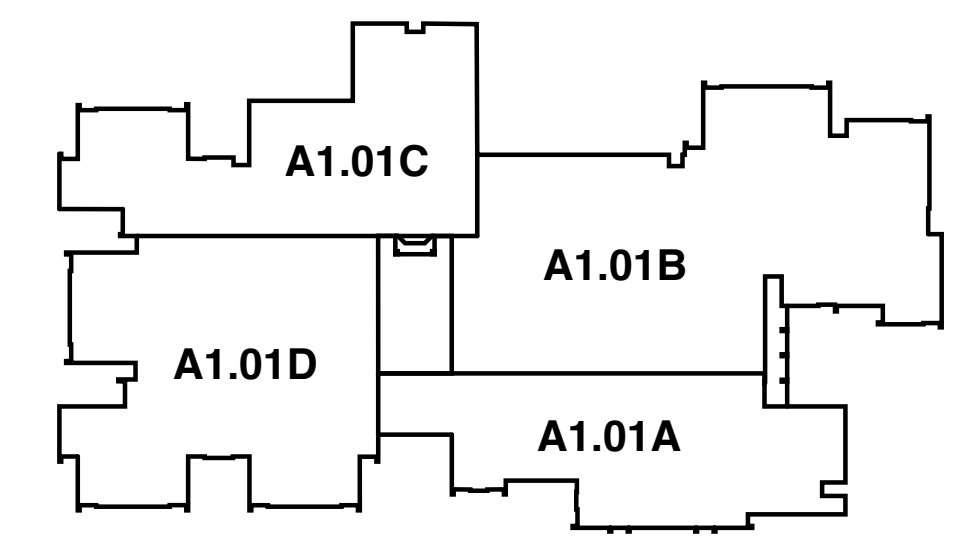
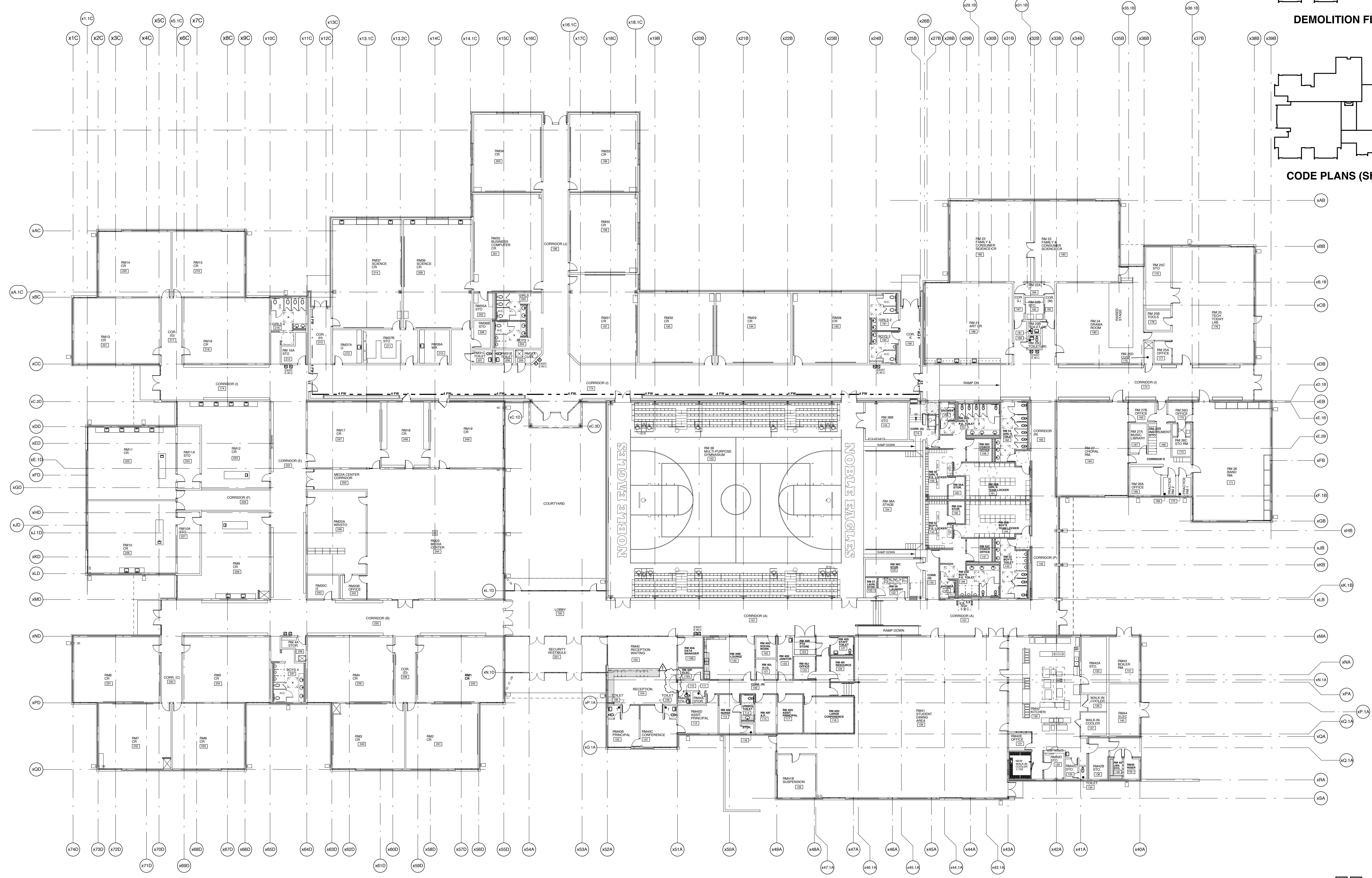
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18-131  
DRAWN BY  
JGM/HBR  
CHECKED BY  
JGM  
DATE  
2/4/2019  
REVISIONS  
2/20/2019  
DPI COMMENTS  
ADDENDUM #1



DEMOLITION FLOOR PLANS



CODE PLANS (SHEET A0.01)



RENOVATION FLOOR PLANS

**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

Renovation  
Reference Plan

JOB NUMBER  
DRAWN BY  
AT/CWG  
CHECKED BY  
JDM  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

SHEET NUMBER

**R1.01**

**TRUE**  
PLAN NORTH

**1**  
R1.01

**Renovation Reference Plan**  
scale: 1/16" = 1'-0"

0' 8' 16' 32'  
1/16" = 1'-0"

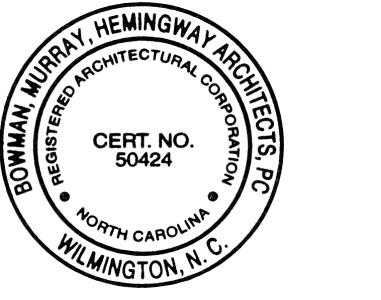




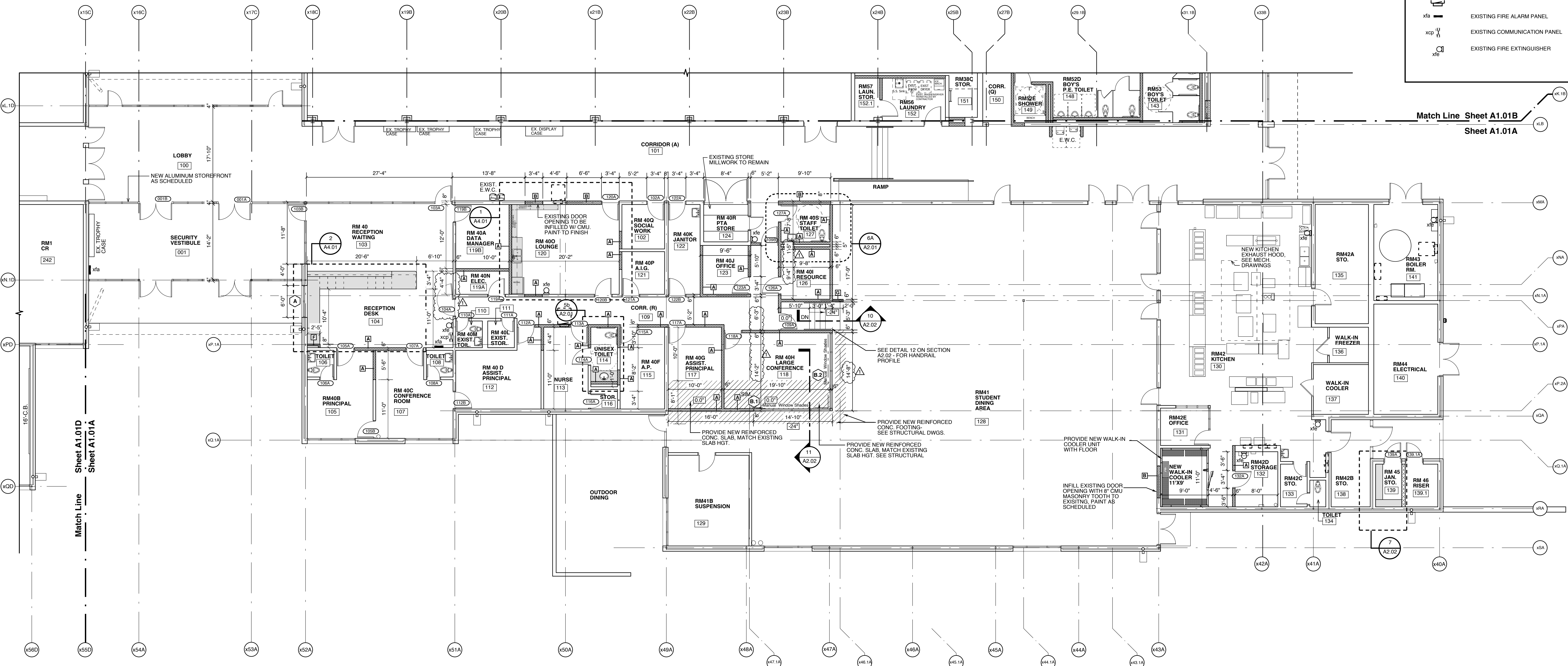
**BOWMAN  
MURRAY  
HEMINGWAY**

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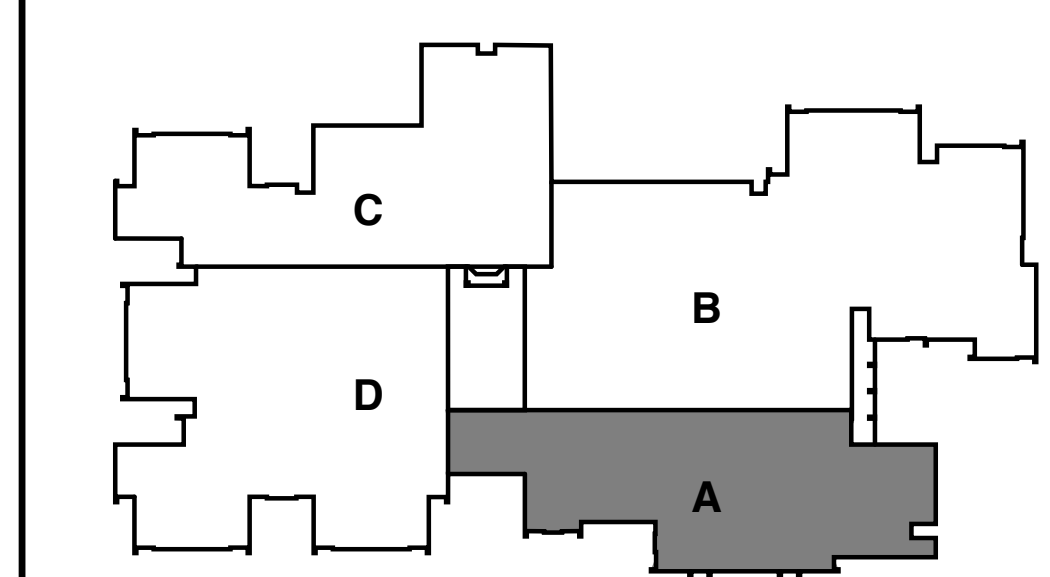
Project ID # 900-9008



LEGEND	
	NEW MASONRY WALL CONSTRUCTION
	NEW FRAME WALL CONSTRUCTION
	EXISTING TO BE REMAIN
	NEW SPORTS FLOOR
	ROOM NUMBER DESIGNATION
	DOOR NUMBER DESIGNATION, SEE SHEET A3.02
	PARTITION TYPE, SEE SHEET A3.01
	NEW WINDOW DESIGNATION, SEE SHEET A3.02
	4 FW 4 HOUR RATED WALL
	E.W.C. ELECTRIC WATER COOLER
	EXISTING ELECTRICAL PANEL BOX
	NEW ELECTRICAL PANEL BOX
	EXISTING FIRE ALARM PANEL
	EXISTING COMMUNICATION PANEL
	EXISTING FIRE EXTINGUISHER



**NOTE:**  
PROVIDE CMU WITH BULLNOSE AT ALL OUTSIDE CORNERS IN NEW MASONRY WALLS - TYPICAL ALL LOCATIONS.



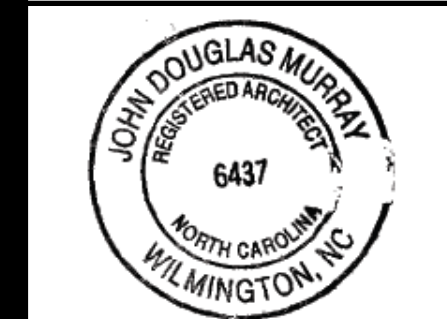
**TRU**  
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A1.01A  
scale: 1/8" = 1'-0"  
PLAN NORTH

**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

Renovation Floor  
Plan - Area A

JOB NUMBER  
DRAWN BY  
CWG\_rcm2l  
CHECKED BY  
JDM  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

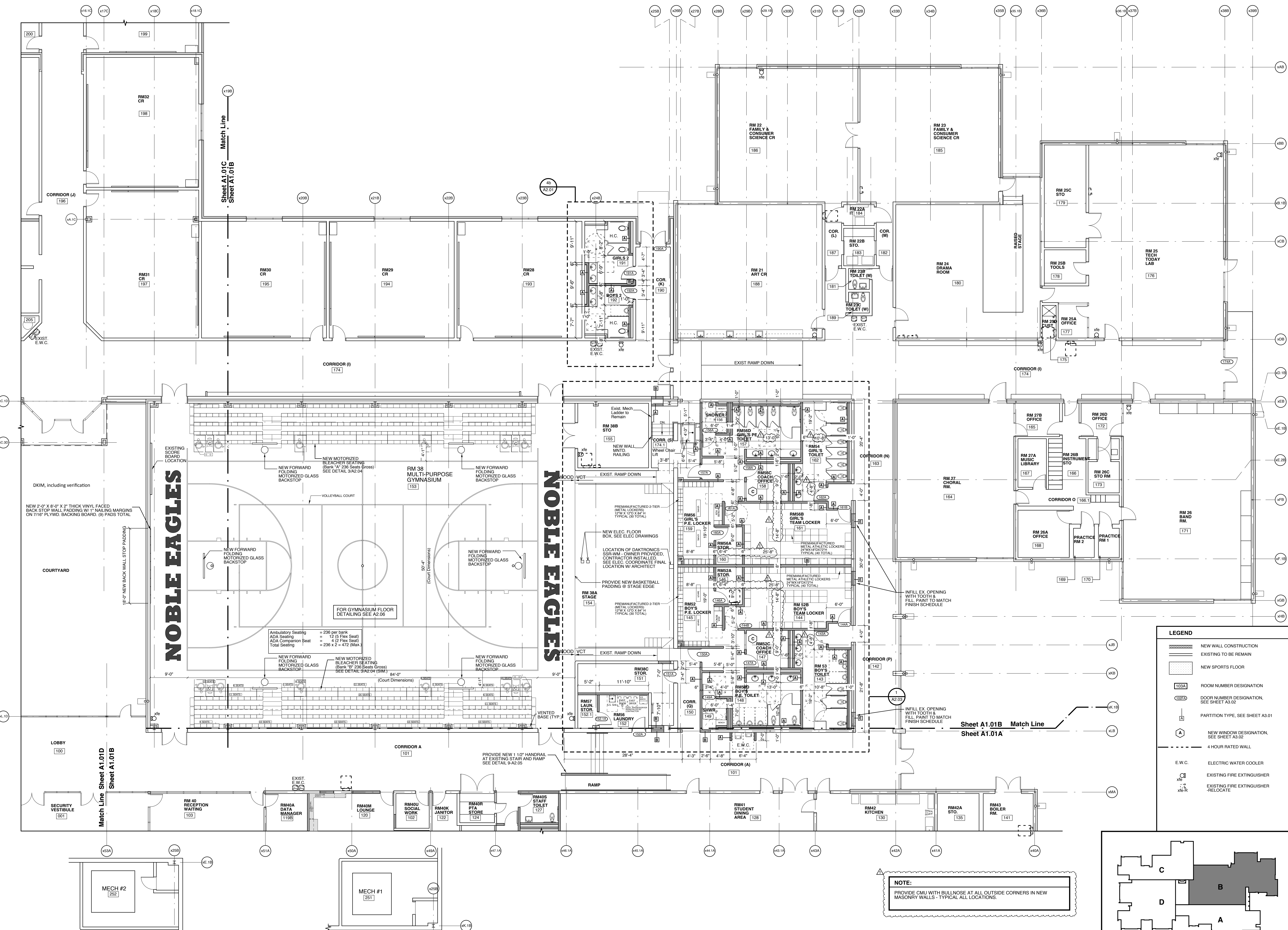
SHEET NUMBER  
**A1.01A**



**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

**Renovation Floor Plan - Area B**

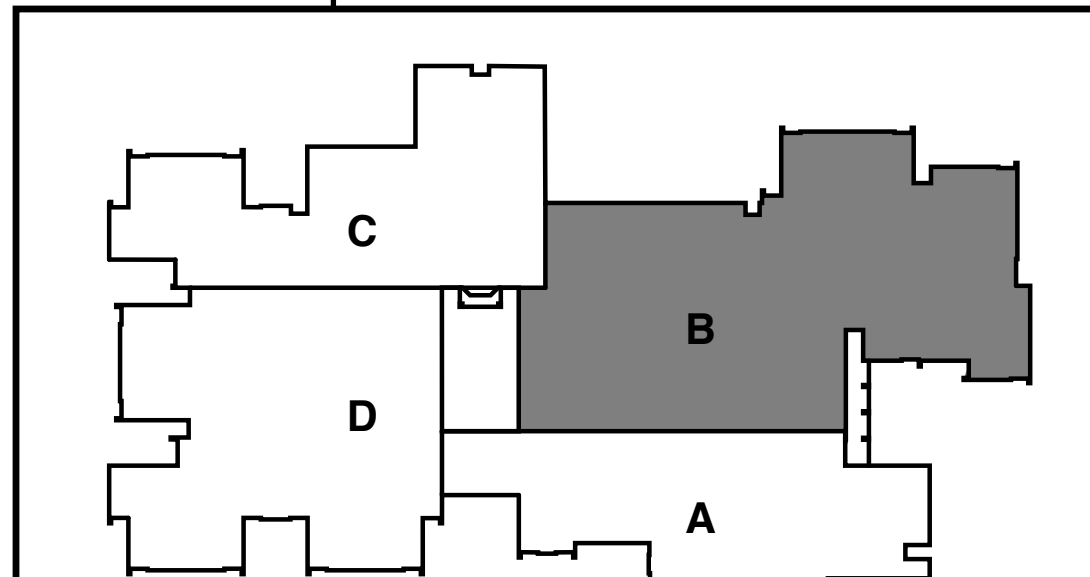
JOB NUMBER	
DRAWN BY	CWG
CHECKED BY	JDM
DATE	02-04-2019
REVISIONS	
ADDENDUM #1 - DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019	



**LEGEND**

- NEW WALL CONSTRUCTION
- EXISTING TO BE REMAIN
- NEW SPORTS FLOOR
- ROOM NUMBER DESIGNATION
- DOOR NUMBER DESIGNATION, SEE SHEET A3.02
- PARTITION TYPE, SEE SHEET A3.01
- NEW WINDOW DESIGNATION, SEE SHEET A3.02
- 4 HOUR RATED WALL
- E.W.C. ELECTRIC WATER COOLER
- EXISTING FIRE EXTINGUISHER
- EXISTING FIRE EXTINGUISHER -RELOCATE

**NOTE:**  
 PROVIDE CMU WITH BULLNOSE AT ALL OUTSIDE CORNERS IN NEW MASONRY WALLS - TYPICAL ALL LOCATIONS.



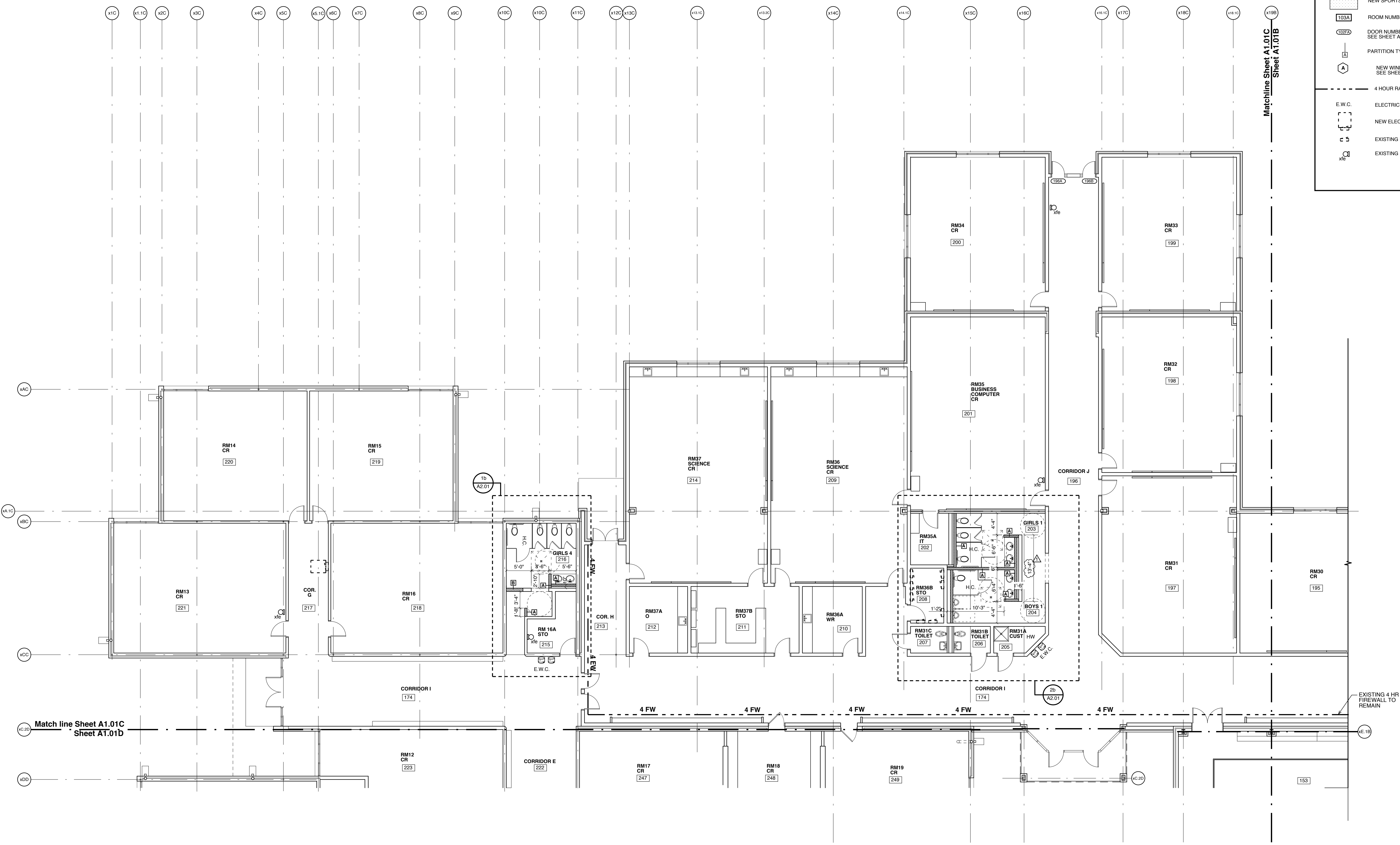
**Renovation Floor Plan - Gym Mech Room #2**  
 scale: 1/8" = 1'-0"

**Renovation Floor Plan - Gym Mech Room #1**  
 scale: 1/8" = 1'-0"

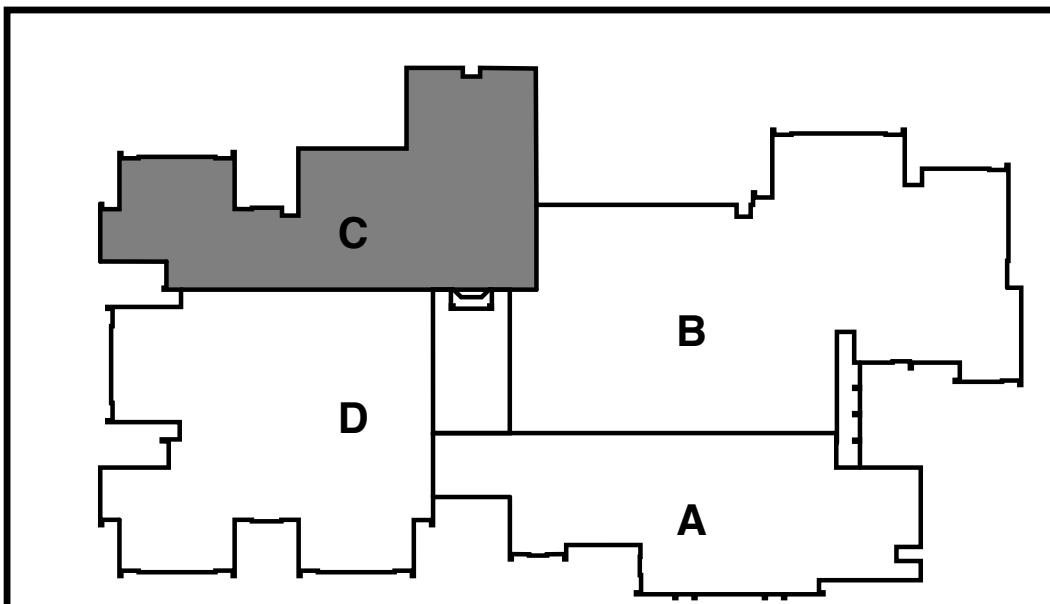
**Renovation Floor Plan - Area B**  
 scale: 1/8" = 1'-0"



LEGEND	
	NEW WALL CONSTRUCTION
	EXISTING TO BE REMAIN
	NEW SPORTS FLOOR
	ROOM NUMBER DESIGNATION
	DOOR NUMBER DESIGNATION, SEE SHEET A3.02
	PARTITION TYPE, SEE SHEET A3.01
	NEW WINDOW DESIGNATION, SEE SHEET A3.02
	4 HOUR RATED WALL
	E.W.C. ELECTRIC WATER COOLER
	NEW ELECTRICAL PANEL
	EXISTING ELECTRICAL PANEL
	EXISTING FIRE EXTINGUISHER



**NOTE:**  
PROVIDE CMU WITH BULLNOSE AT ALL OUTSIDE CORNERS IN NEW MASONRY WALLS - TYPICAL ALL LOCATIONS.



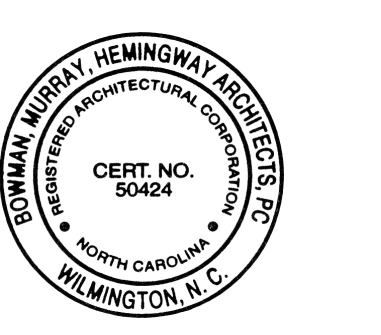
**Renovation Floor Plan - Area C**  
scale: 1/8" = 1'-0"  
PLAN NORTH

**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

Renovation Floor Plan -  
Area C

JOB NUMBER  
DRAWN BY  
rcm2/CWG/AW  
CHECKED BY  
JDM  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1 - DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

SHEET NUMBER  
**A1.01C**



**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

Renovation Floor Plan -  
Area D

JOB NUMBER

DRAWN BY  
rom2/CWG/AW

CHECKED BY  
JDM

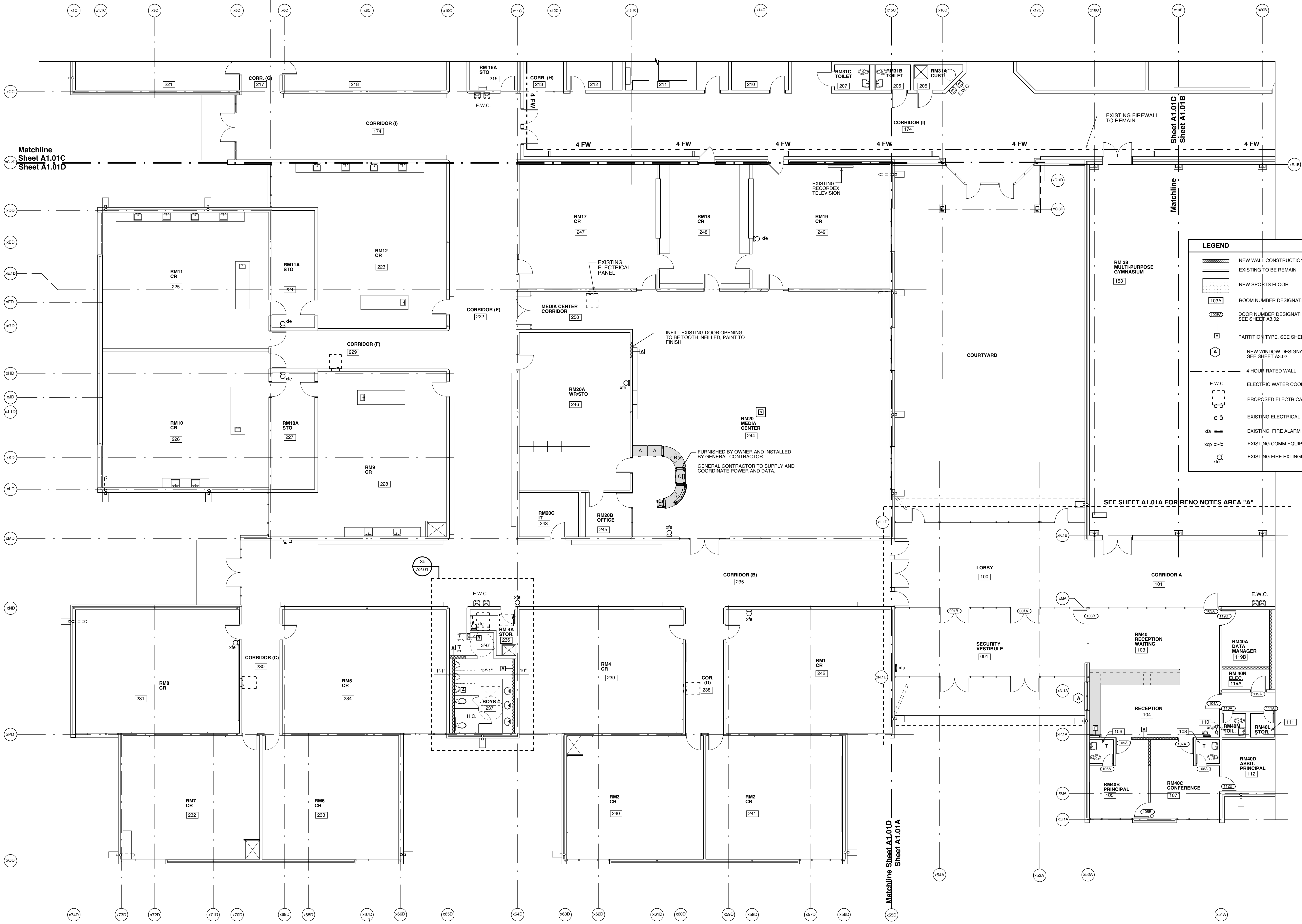
DATE  
02-04-2019

REVISIONS

ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-19-2019

SHEET NUMBER

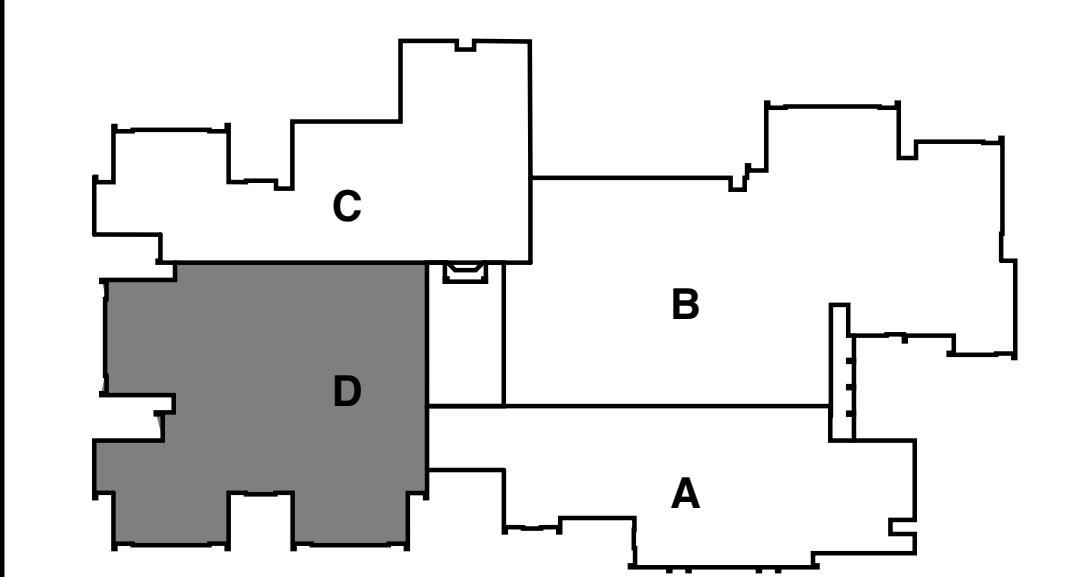
**A1.01D**



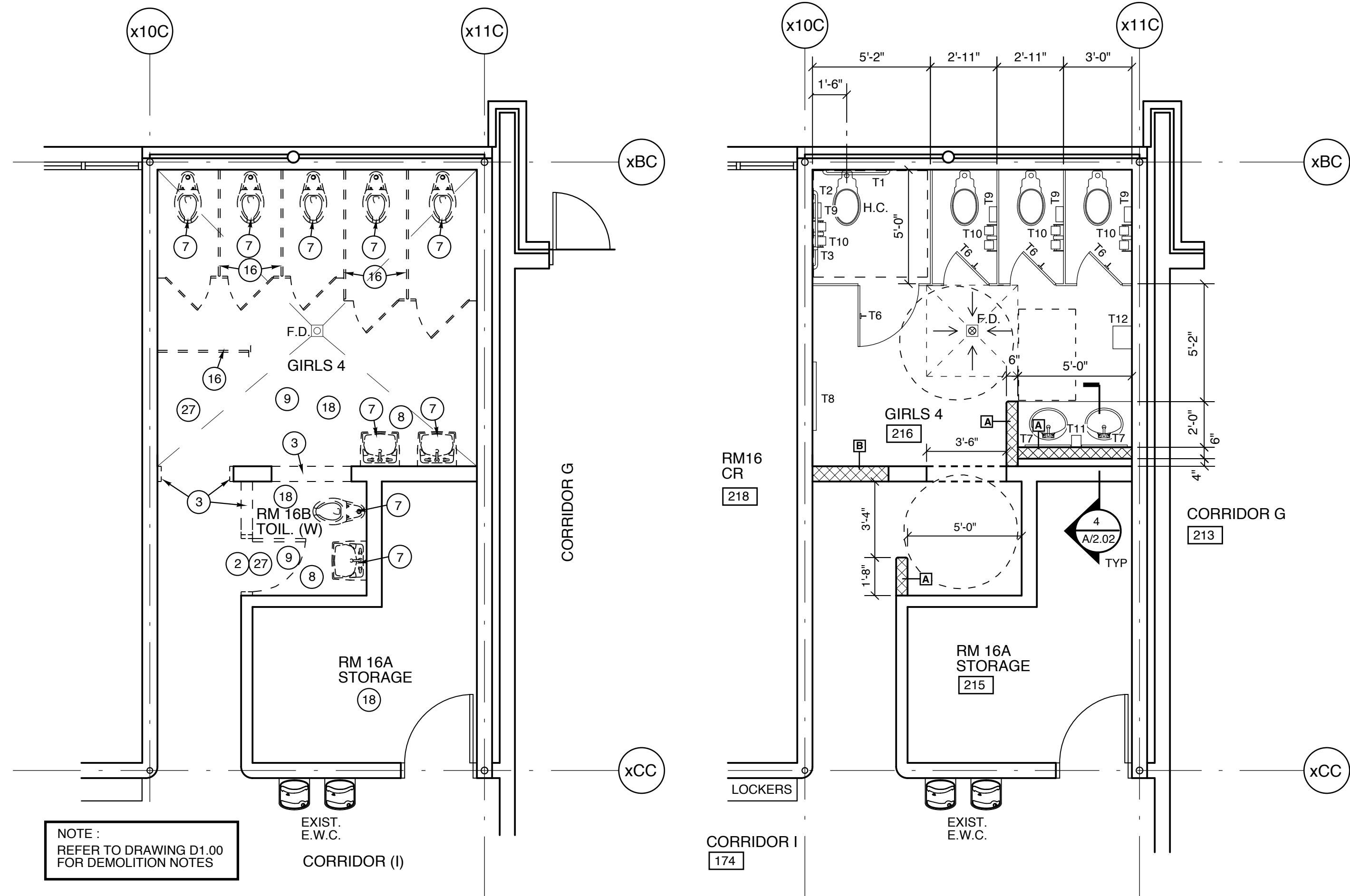
**LEGEND**

- NEW WALL CONSTRUCTION
- EXISTING TO BE REMAIN
- NEW SPORTS FLOOR
- ROOM NUMBER DESIGNATION
- DOOR NUMBER DESIGNATION, SEE SHEET A3.02
- PARTITION TYPE, SEE SHEET A3.01
- NEW WINDOW DESIGNATION, SEE SHEET A3.02
- 4 HOUR RATED WALL
- E.W.C. ELECTRIC WATER COOLER
- PROPOSED ELECTRICAL PANEL
- EXISTING ELECTRICAL PANEL
- xfb EXISTING FIRE ALARM PANEL
- xcp EXISTING COMM EQUIPMENT
- xfe EXISTING FIRE EXTINGUISHER

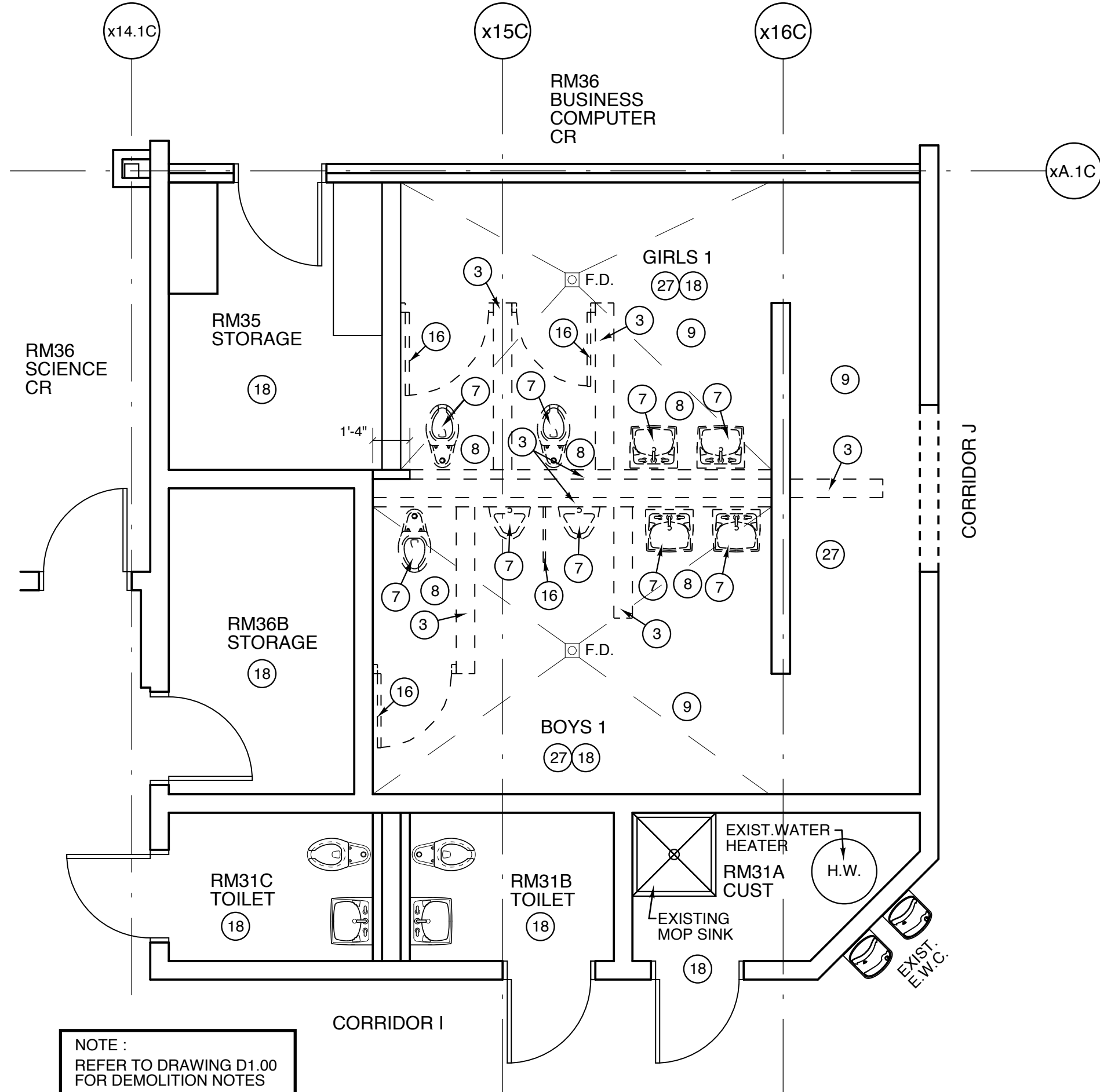
**NOTE:**  
PROVIDE CMU WITH BULLNOSE AT ALL OUTSIDE CORNERS IN NEW MASONRY WALLS - TYPICAL ALL LOCATIONS.



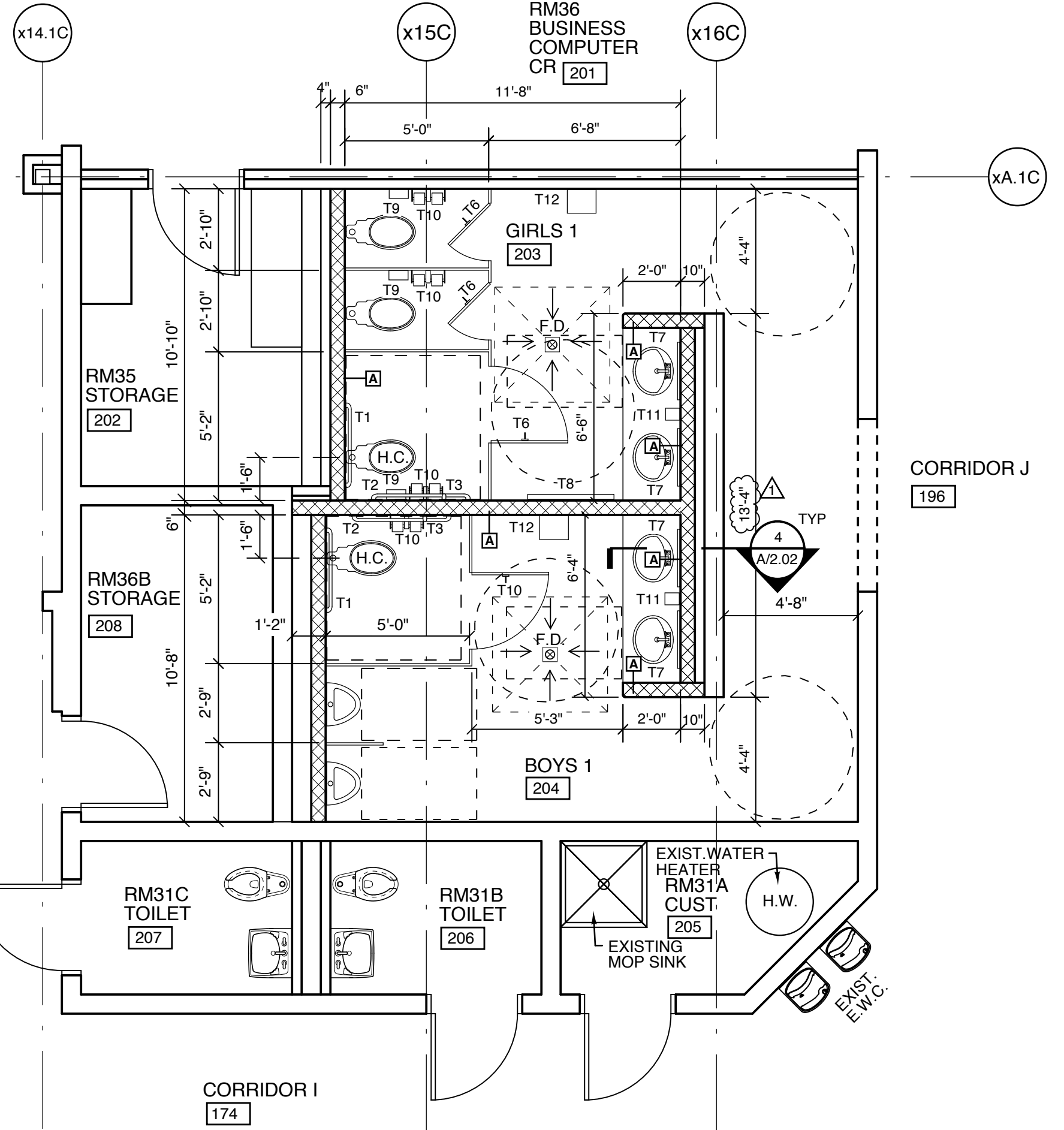
**TRUE**  
1  
Renovation Floor Plan - Area D  
scale: 1/8" = 1'-0"  
0' 4' 8' 16' 1/8" = 1'-0"



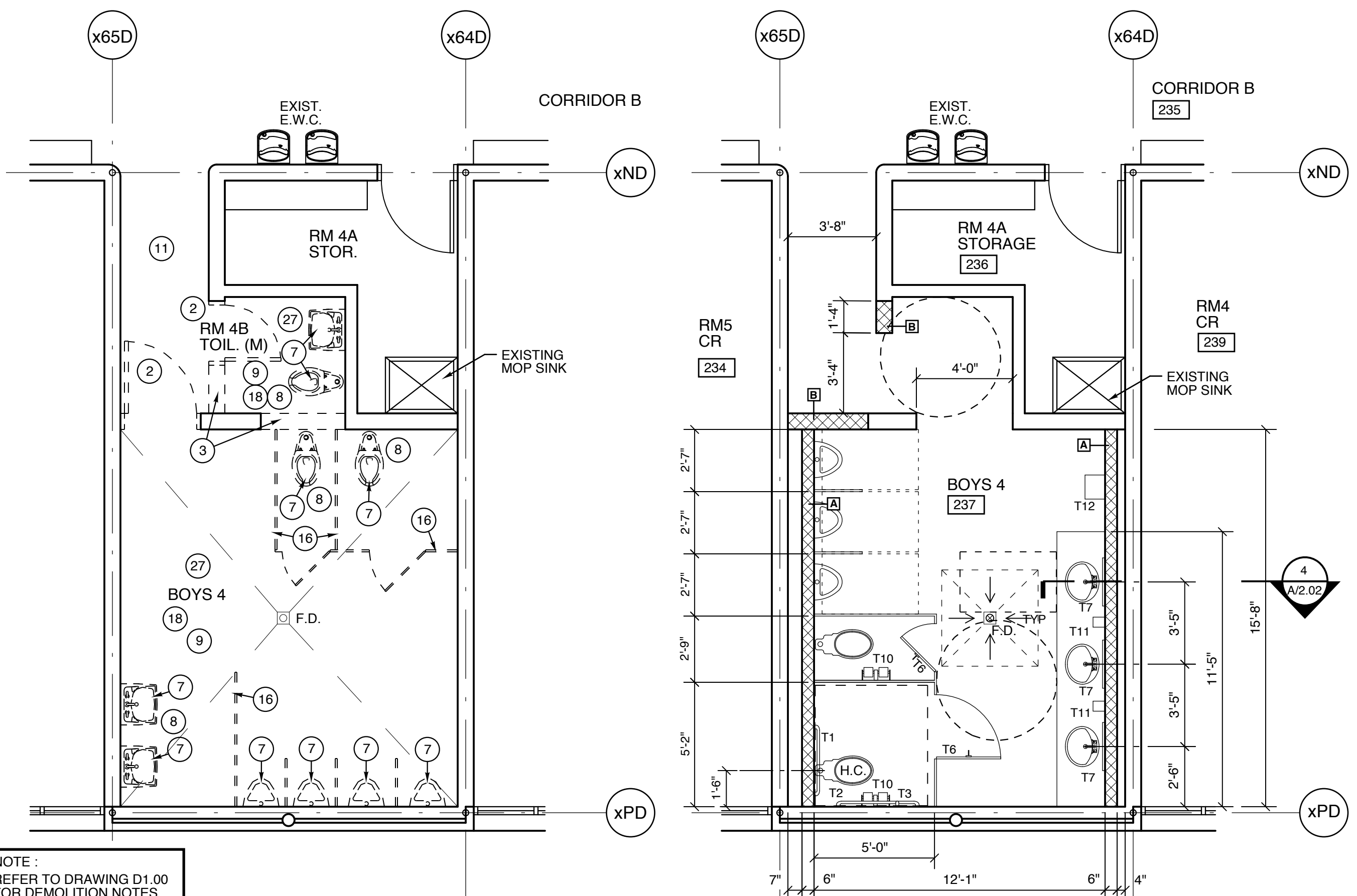
**1a Bathroom Demolition Plan (RM. # 216)** Scale: 1/4" = 1'-0" Ref: Part C  
**1b Bathroom Renovation Plan (RM. #216)** Scale: 1/4" = 1'-0" Ref: Part C



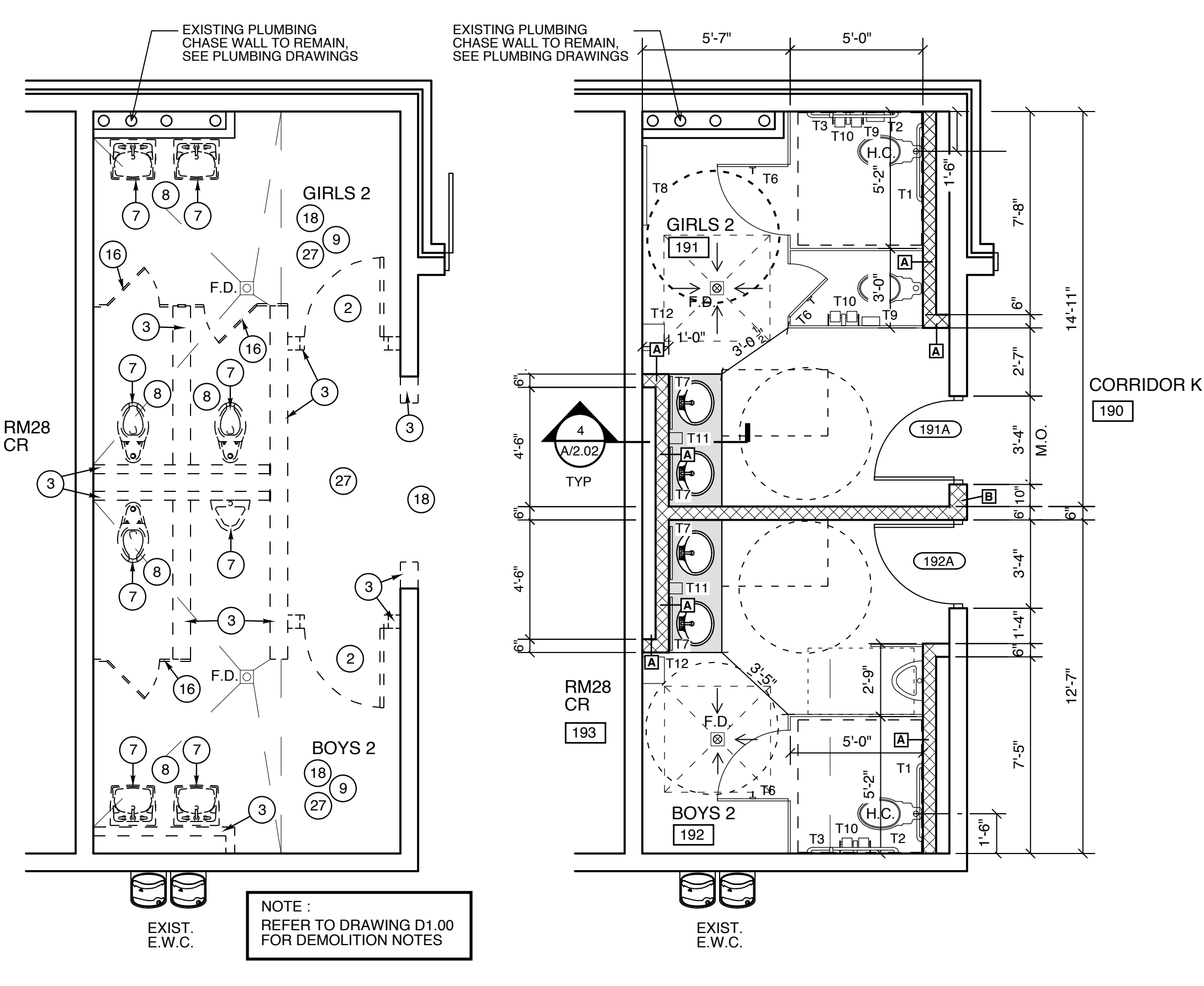
**2a Bathroom Demolition Plan (RM. # 203 / 204)** Scale: 1/4" = 1'-0" Ref: Part C  
**2b Bathroom Renovation Plan (RM. # 203 / 204)** Scale: 1/4" = 1'-0" Ref: Part C



**2a Bathroom Demolition Plan (RM. # 203 / 204)** Scale: 1/4" = 1'-0" Ref: Part C  
**2b Bathroom Renovation Plan (RM. # 203 / 204)** Scale: 1/4" = 1'-0" Ref: Part C



**3a Bathroom Demolition Plan (RM. #237)** Scale: 1/4" = 1'-0" Ref: Part D  
**3b Bathroom Renovation Plan (RM. #237)** Scale: 1/4" = 1'-0" Ref: Part D

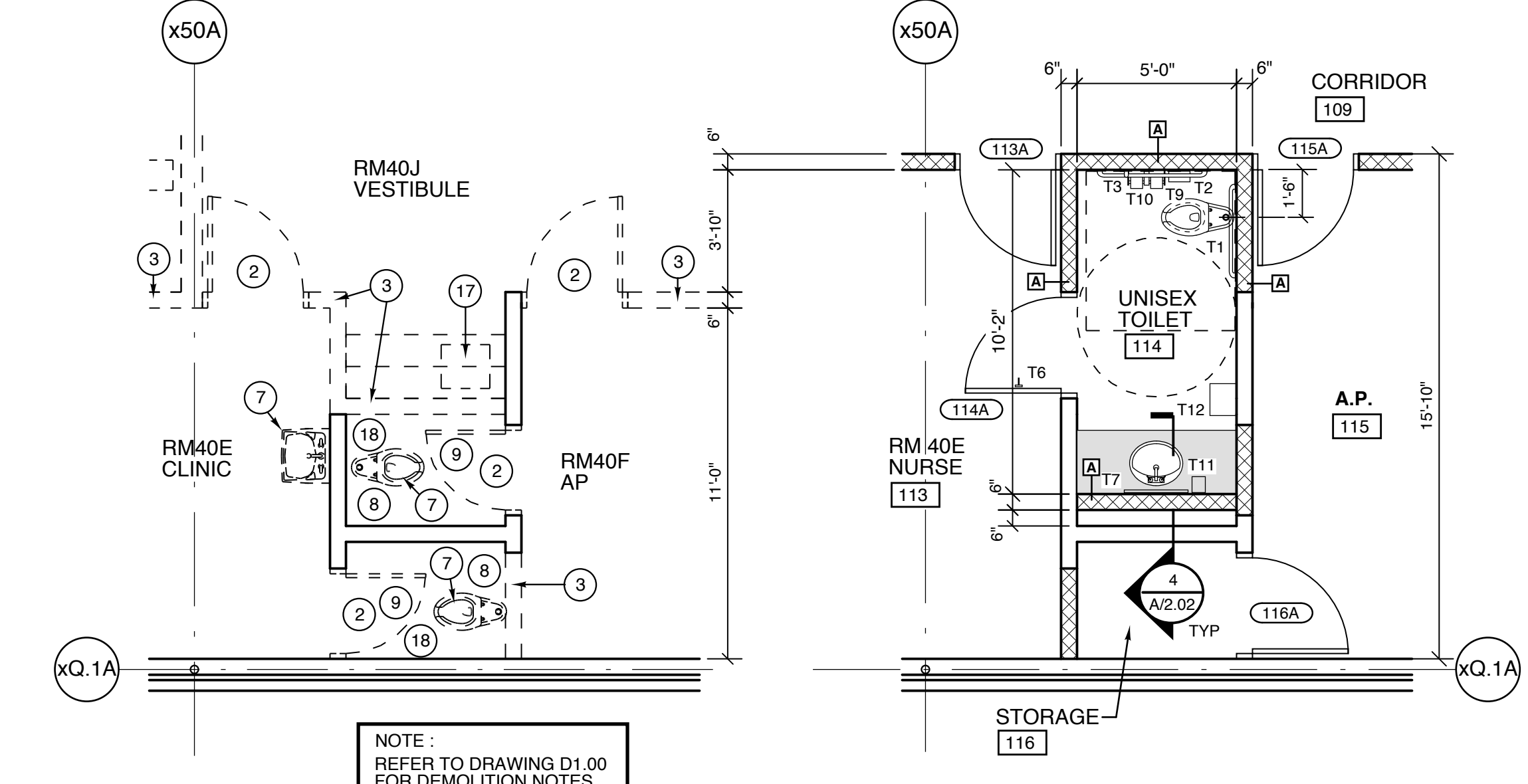


**4a Bathroom Demolition Plan (RM. #191 / 192)** Scale: 1/4" = 1'-0" Ref: Part B  
**4b Bathroom Renovation Plan (RM. #191 / 192)** Scale: 1/4" = 1'-0" Ref: Part B

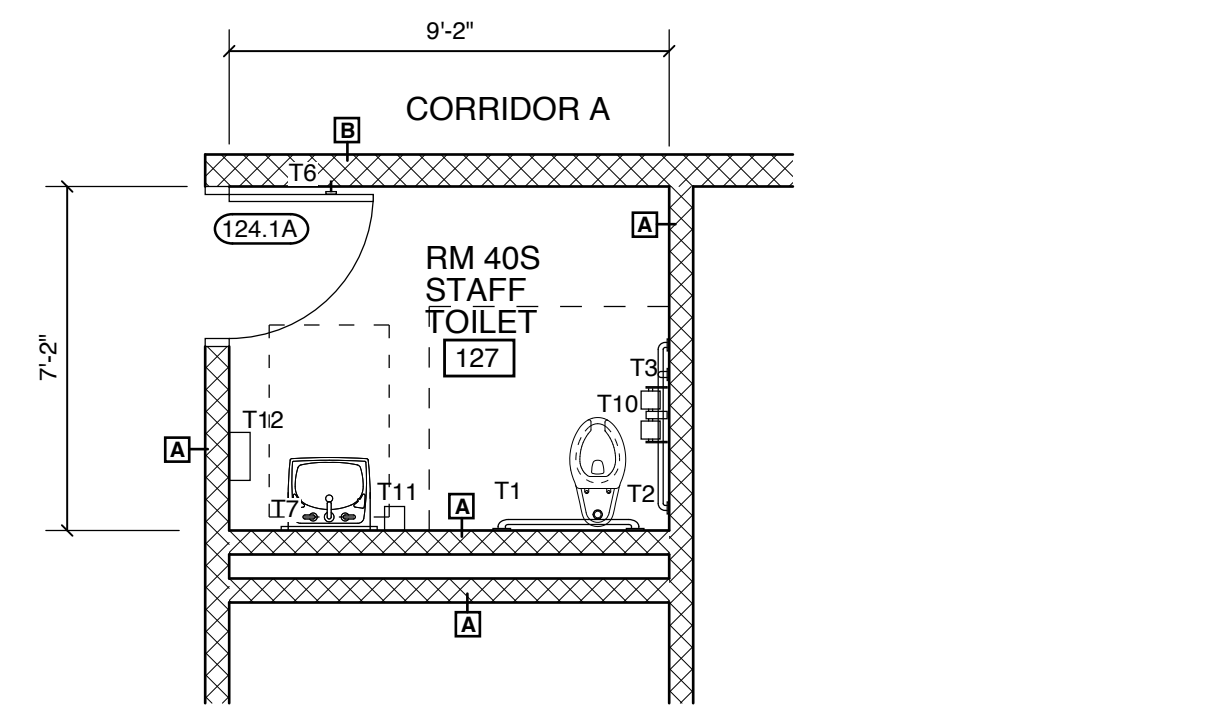
TOILET ACCESSORIES		MNTG. HT.
T1	Handicapped Grab Bar - 36" (TOILET)	36"
T2	Handicapped Grab Bar - 42" (TOILET)	36"
T3	Vertical Handicapped Grab Bar - 18" (TOILET AND SHOWER)	40"
T4	Handicapped Grab Bar - 24" (SHOWER)	36"
T5	Handicapped Grab Bar - 48" (SHOWER)	36"
T6	Clothes Hook	48"
T7	Frame Mirror - 2'-0" Wide x 3'-0"	40" (bottom)
T8	Full Body Mirror - 3'-0" Wide x 6'-0"	15" (bottom)
T9	Sanitary Napkin Disposal	18"
T10	Toilet Tissue Dispenser - Double Roll	18"
T11	Wall Mt. Soap Dispenser (OWNER FURNISHED, CONTRACTOR INSTALLED)	40" (bottom)
T12	Paper Towel Dispenser (OWNER FURNISHED, CONTRACTOR INSTALLED)	48"

NOTE: Mounting heights are to operating mechanism where applicable.

**GENERAL NOTES:**  
 SEE SHEET A2.02 FOR TYPICAL ADA MOUNTING HEIGHTS AND TYPICAL OVERHEAD BRACED PARTITION DETAILS.



**5a Bathroom Demolition Plan (RM. #114)** Scale: 1/4" = 1'-0" Ref: Part A  
**5b Bathroom Renovation Plan (RM. #114)** Scale: 1/4" = 1'-0" Ref: Part A



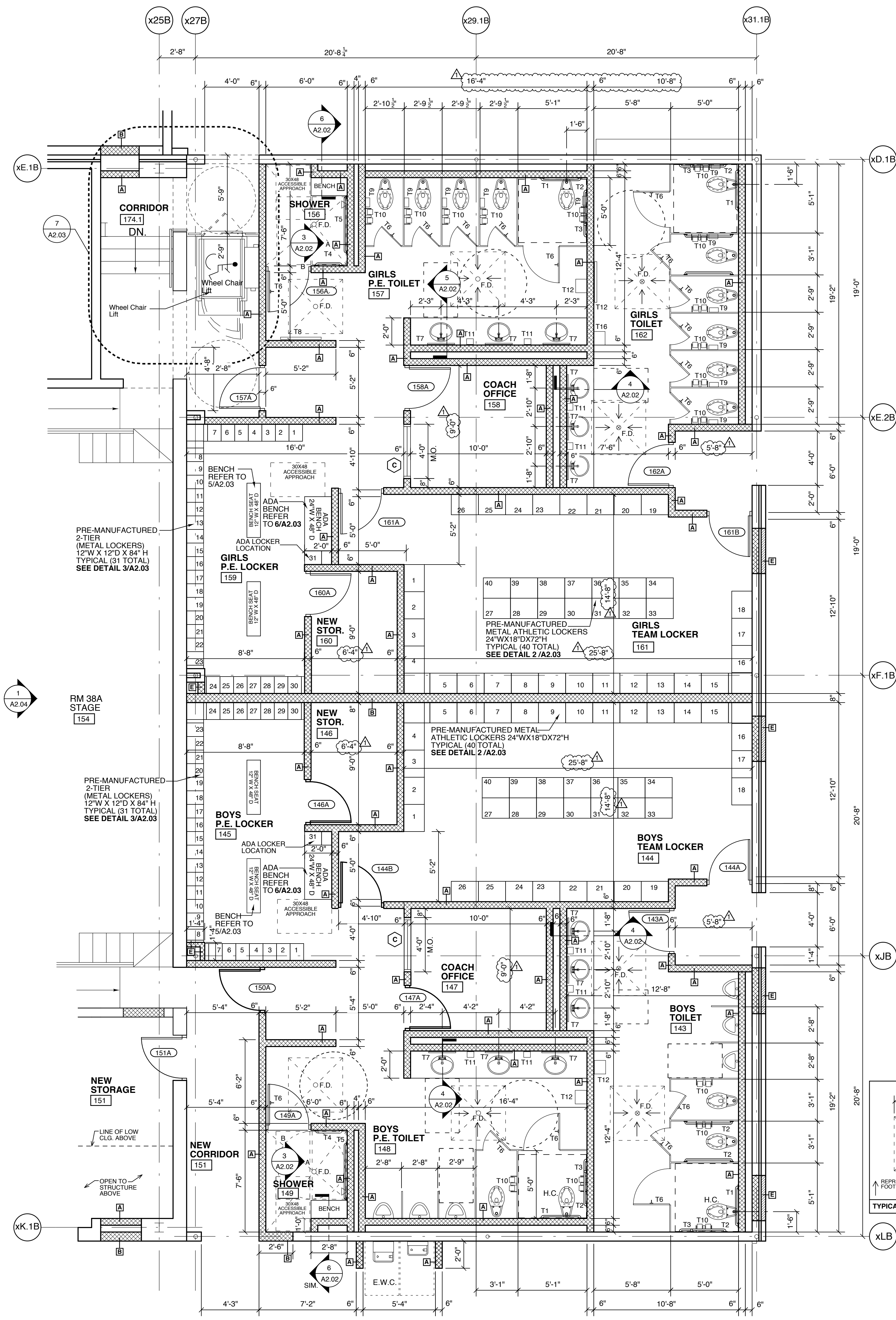
**6a Bathroom Renovation Plan (RM. #127)** Scale: 1/4" = 1'-0" Ref: Part A

**NOTE:**  
 PROVIDE CMU WITH BULLNOSE AT ALL OUTSIDE CORNERS IN NEW MASONRY WALLS - TYPICAL ALL LOCATIONS.

**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

**Enlarged Bathroom Plans**

JOB NUMBER	
DRAWN BY	DP
CHECKED BY	JDM
DATE	02-04-2019
REVISIONS	ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019



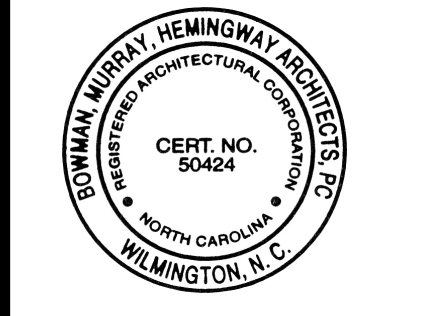
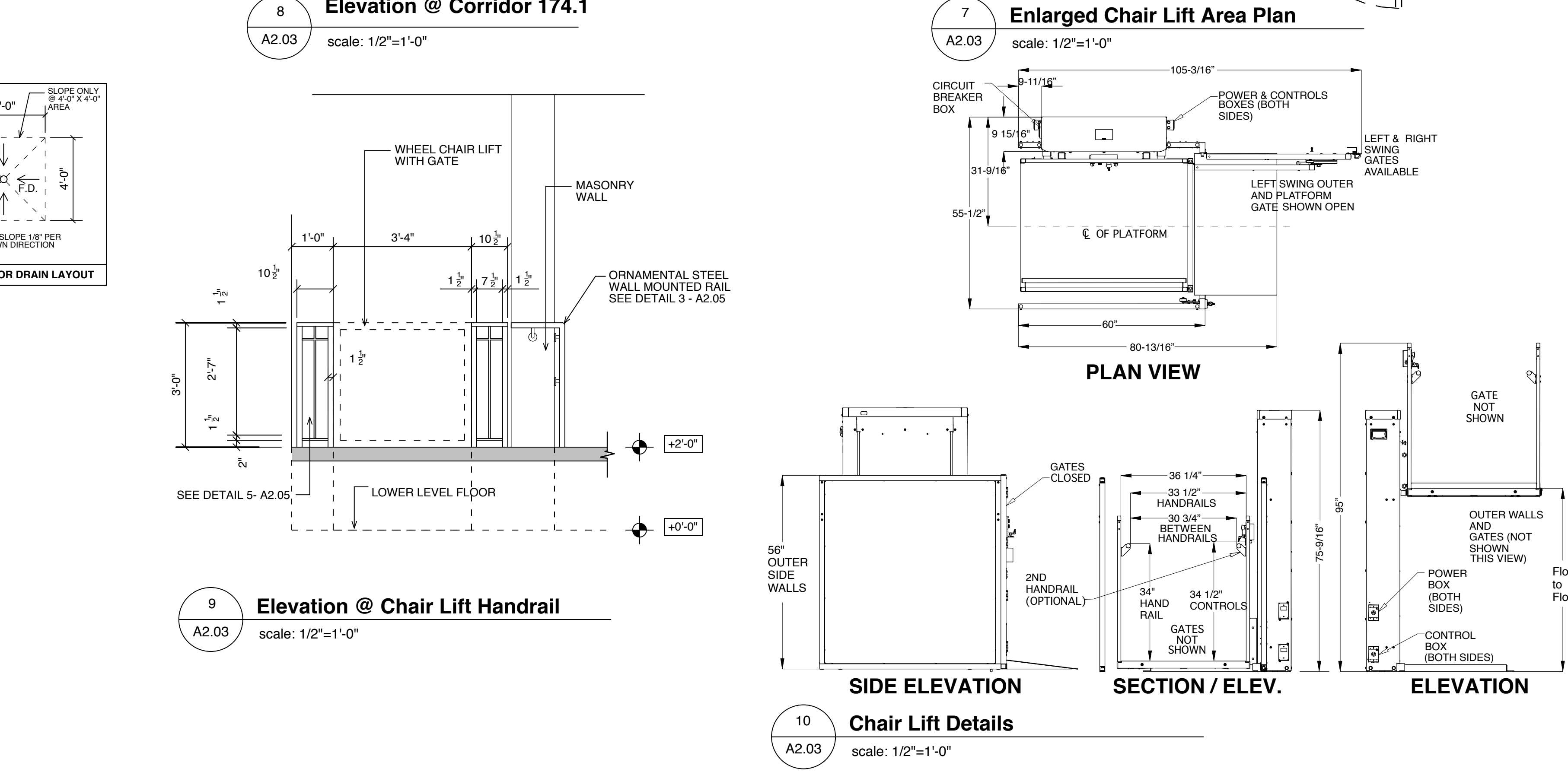
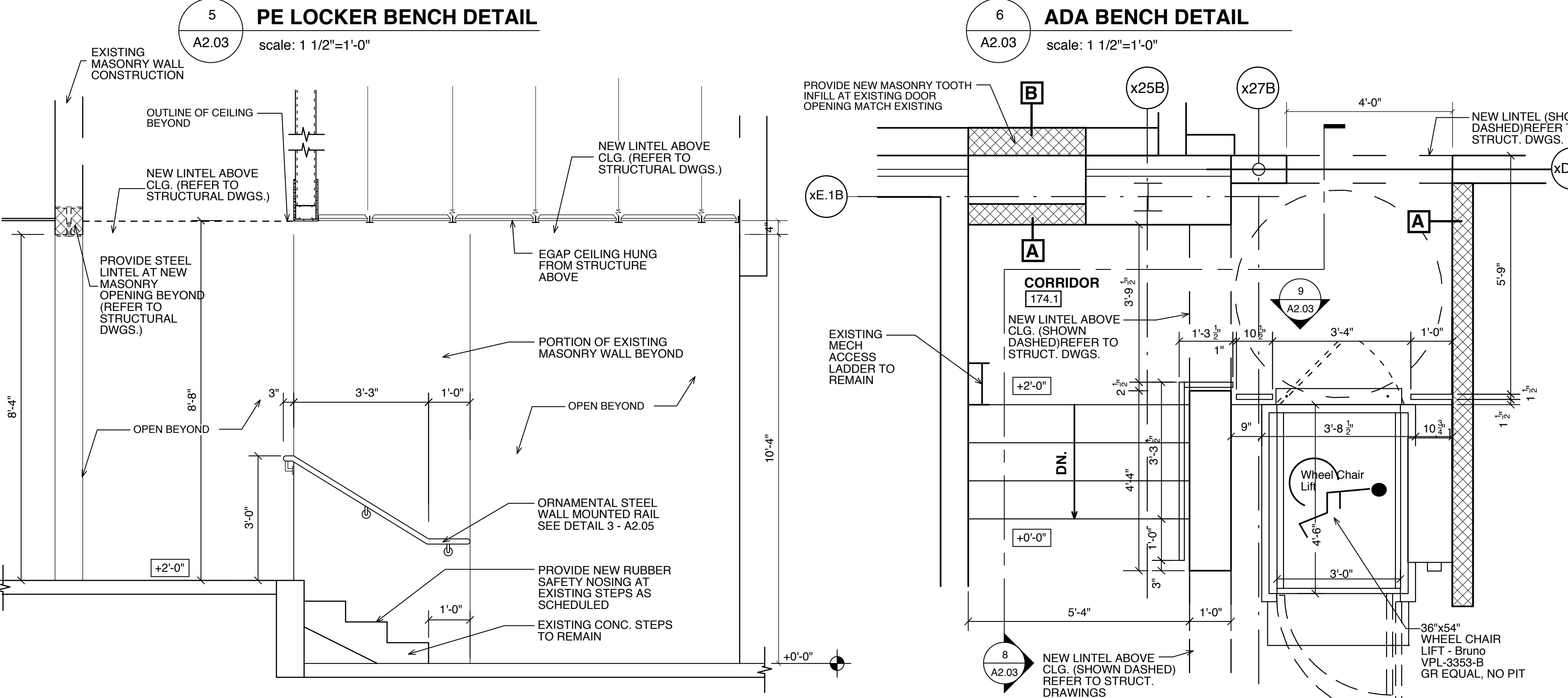
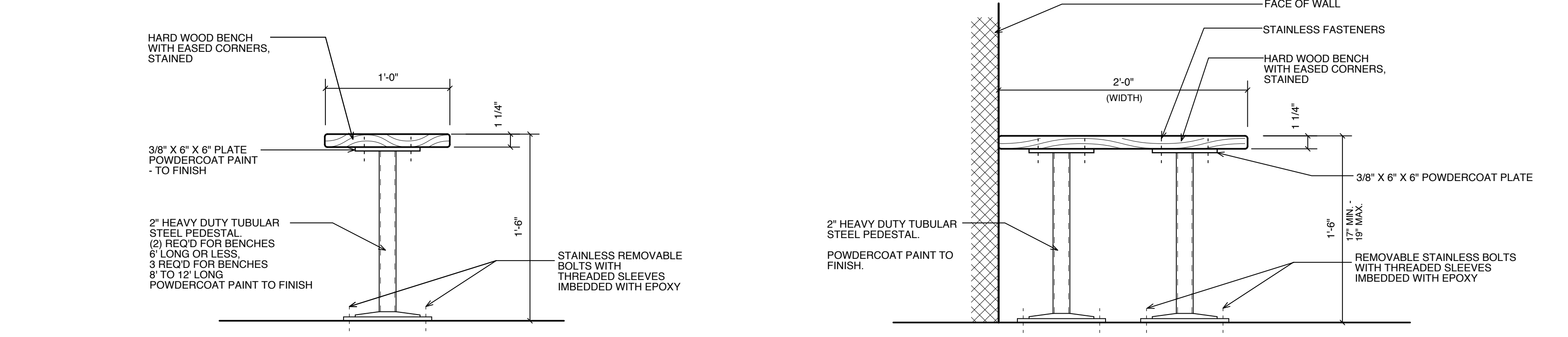
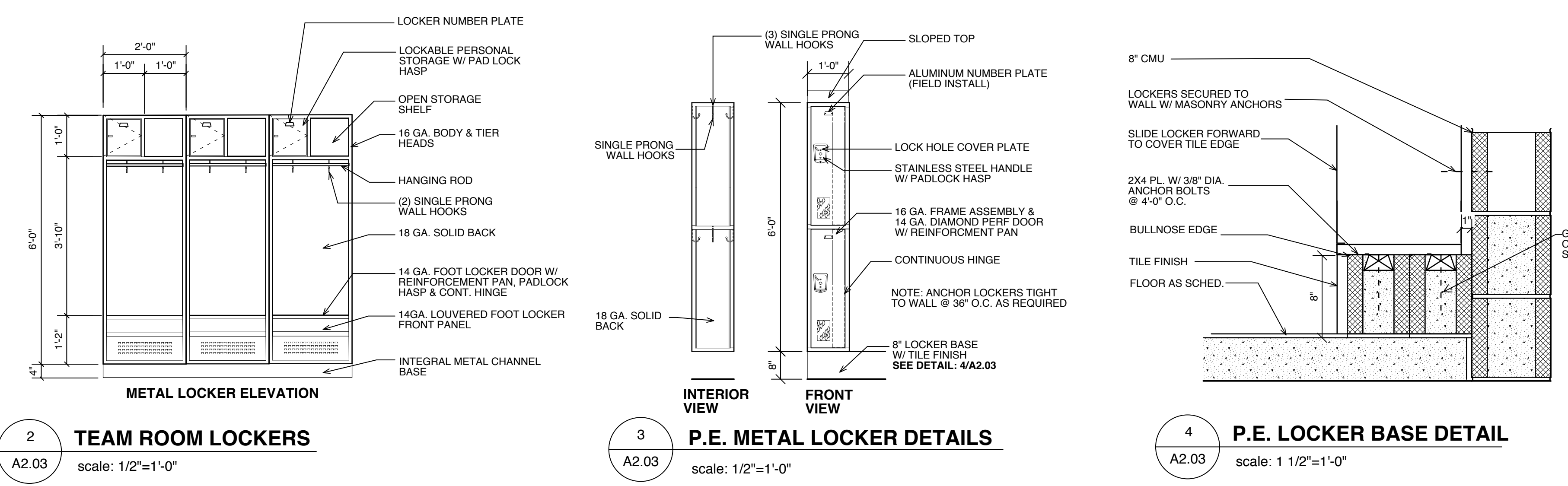
**1 Enlarged Locker Room Plan - Area B**  
A2.03 Scale: 1/4" = 1'-0"

**GENERAL NOTES:**  
SEE SHEET A2.02 FOR TYPICAL ADA MOUNTING HEIGHTS AND TYPICAL OVERHEAD BRACED PARTITION DETAILS.

**NOTE:**  
PROVIDE CMU WITH BULLNOSE AT ALL OUTSIDE CORNERS IN NEW MASONRY WALLS - TYPICAL ALL LOCATIONS.

TOILET ACCESSORIES	MNTG. HT.
T1 Handicapped Grab Bar - 36"	36"
T2 Handicapped Grab Bar - 42"	36"
T3 Vertical Handicapped Grab Bar - 18"	40"
T4 Handicapped Grab Bar - 24"	36"
T5 Handicapped Grab Bar - 48"	36"
T6 Clothes Hook	48"
T7 Frame Mirror - 2'-0" Wide x 3'-0"	40" (bottom)
T8 Full Body Mirror - 3'-0" Wide x 6'-0"	40" (bottom)
T9 Sanitary Napkin Disposal	18"
T10 Toilet Tissue Dispenser - Double Roll	18"
T11 Wall Mt. Soap Dispenser	40" (bottom)
T12 Paper Towel Dispenser	48"

NOTE: Mounting heights are to operating mechanism where applicable.



**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

**Enlarged Locker Room**  
**Plan - Area B**

JOB NUMBER  
DRAWN BY  
DP  
CHECKED BY  
JDM  
DATE  
02-04-2019  
REVISIONS  
ADDITION #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019



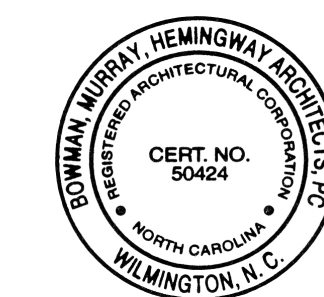


**BOWMAN  
MURRAY  
HEMINGWAY**

ARCHITECTS

514 Market Street  
Wilmington, NC 28401  
Tel - (910) 762-2621  
Fax - (910) 762-8306

Project ID # 900-9008



**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

**Mobile Classroom  
Ramps & Platform Plans**

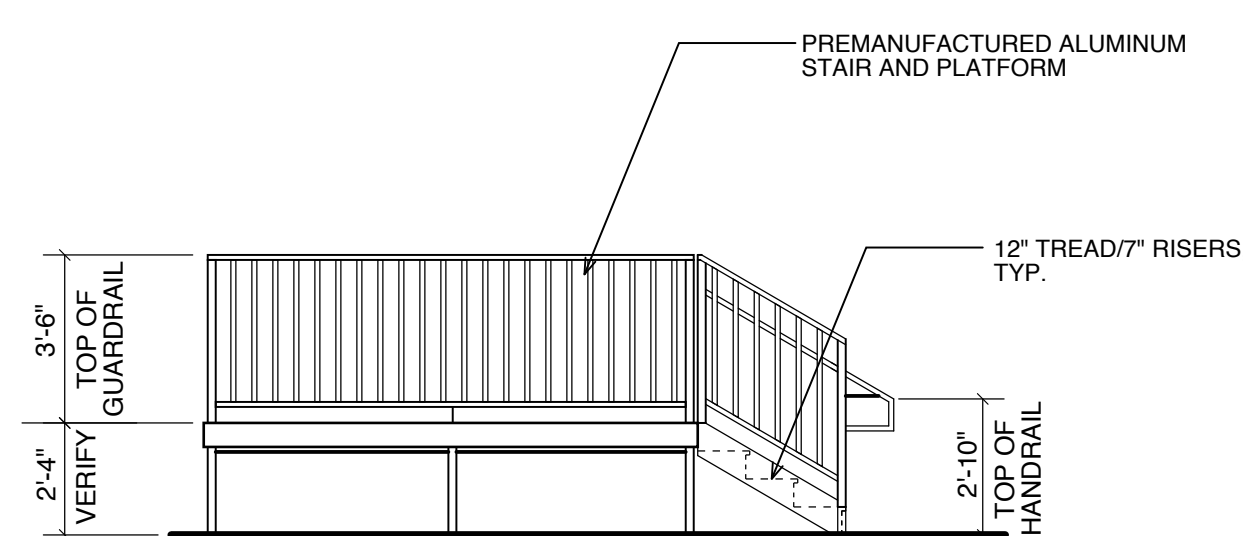
JOB NUMBER  
DRAWN BY  
CWG  
CHECKED BY  
JDM  
DATE  
02-04-2019  
REVISIONS

ADDITIONAL #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

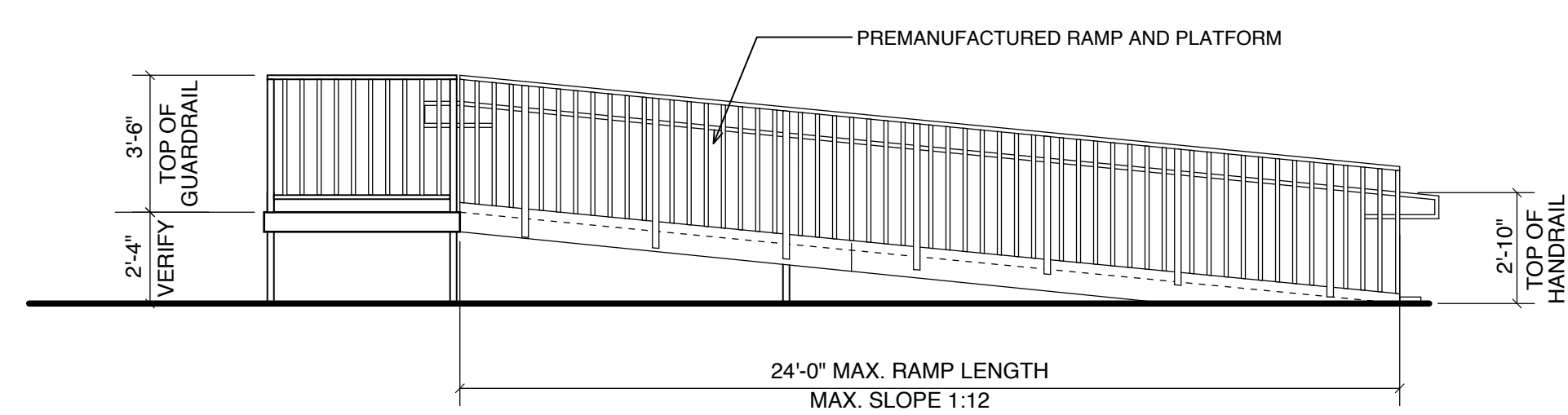
SHEET NUMBER

**A2.05**

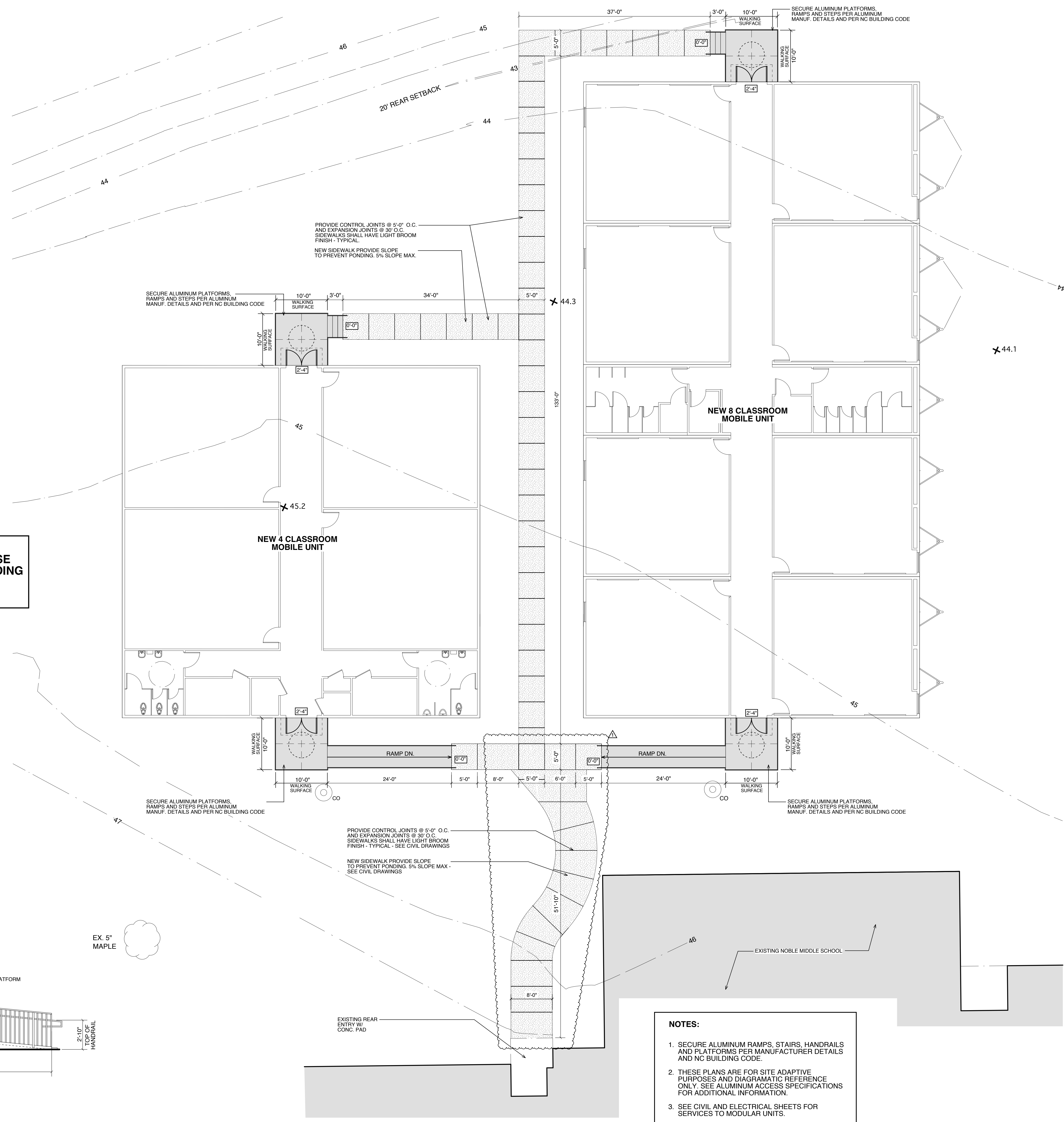
**ALTERNATE #2:  
STATE THE AMOUNT TO BE ADDED TO THE BASE  
BID TO CONSTRUCT THE MOBILE UNITS INCLUDING  
ALL REQUIRED INFRASTRUCTURE AS  
DELINEATED IN THE CONTRACT DOCUMENTS.**



**2 Enlarged Stair Elevation (Alternate #2)**  
A2.05 Scale 1/4" = 1'-0"



**3 Enlarged Ramp & Platform Elevation (Alternate #2)**  
A-2.05 Scale 1/4" = 1'-0"



**NOTES:**

1. SECURE ALUMINUM RAMPS, STAIRS, HANDRAILS AND PLATFORMS PER MANUFACTURER DETAILS AND NC BUILDING CODE.
2. THESE PLANS ARE FOR SITE ADAPTIVE PURPOSES AND DIAGRAMATIC REFERENCE ONLY. SEE ALUMINUM ACCESS SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. SEE CIVIL AND ELECTRICAL SHEETS FOR SERVICES TO MODULAR UNITS.

**1 Ramp & Platform Plan (Alternate #2)**  
A2.05 Scale 1/8" = 1'-0"





**Finish Schedule**

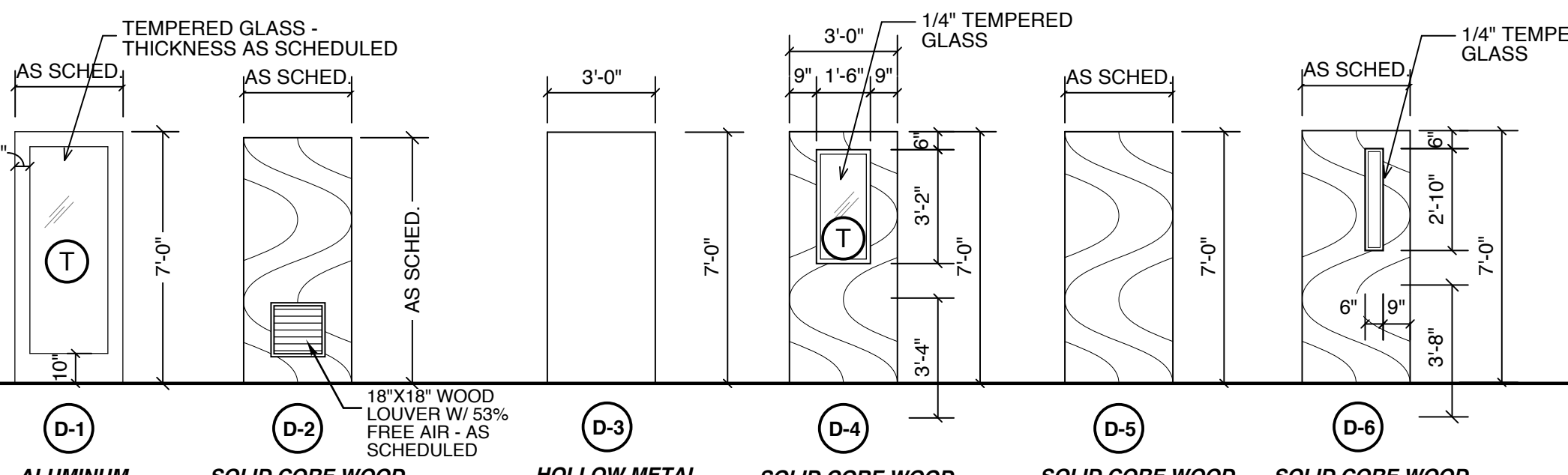
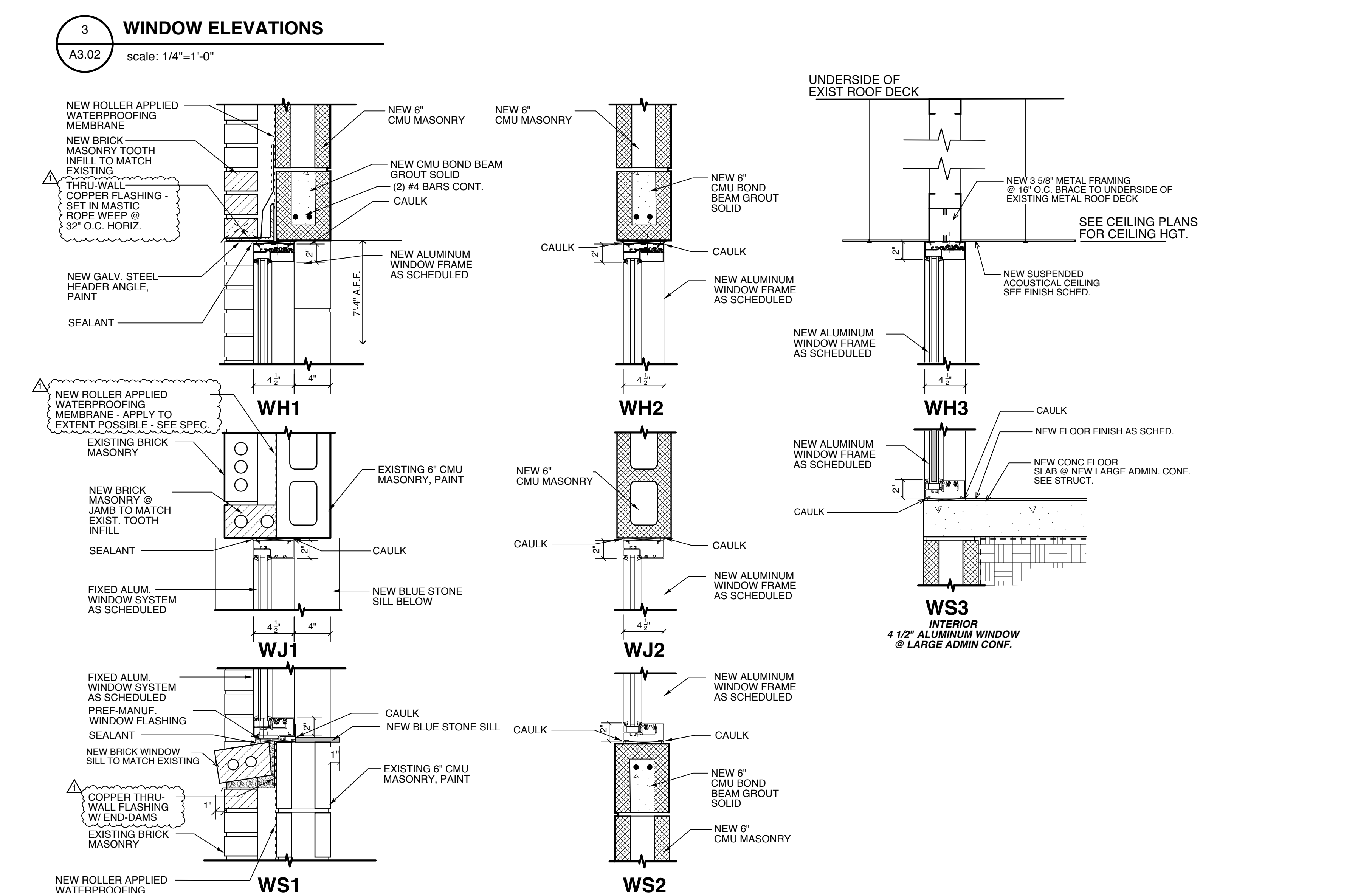
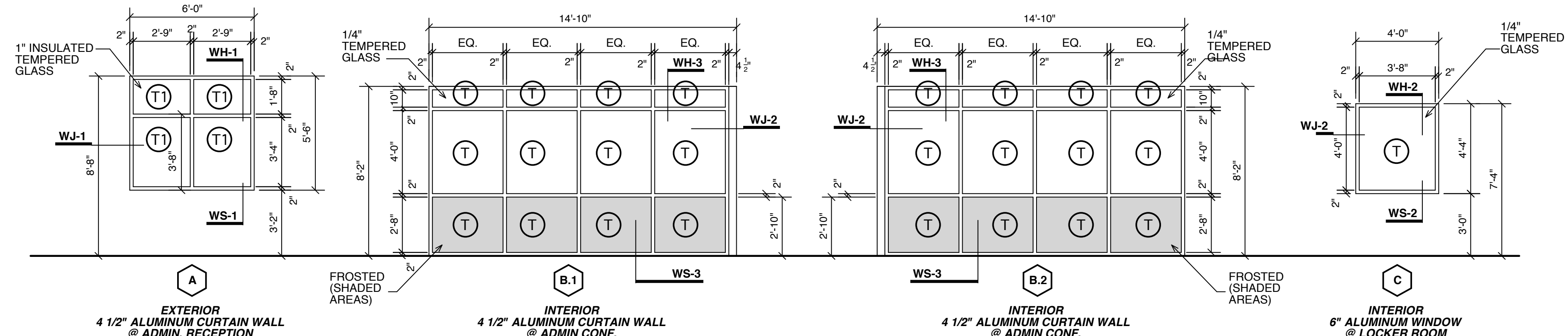
1. SCHEDULE INDICATES MATERIAL ONLY. SEE FLOOR PLANS TO DETERMINE CONDITION OF SUBSTRATE, EXISTING OR NEW.  
2. TYPICAL EXISTING CMU WALLS HAVE BEEN PAINTED. GC SHALL VERIFY AND PROVIDE APPROPRIATE PREPARATION FOR NEW FINISH AS NECESSARY.

ROOM #	ROOM NAME	FLOOR	BASE	NORTH WALL MAT/FINISH	EAST WALL MAT/FINISH	SOUTH WALL MAT/FINISH	WEST WALL MAT/FINISH	CEILING MAT/FINISH	RATED CEILING ASSEMBLY	REMARKS
001	SECURITY VESTIBULE	VCT-3,4,5	RBBS-1		PT-3			EGAP #1		
100	LOBBY	VCT-1,3,4,5	RBBS-1		PT-1,4,5			EGAP #1		
101	CORRIDOR (A)	VCT-1,3,4,5	RBBS-1	CMU / PT-1,3,4,5		CMU / PT-1,3,4,5		EGAP #1		RBTD- RUBBER STAIR TREAD. SEE DETAIL 31D-101B
102	RM40Q SOCIAL WORK	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
103	RM40 RECEPTION WAITING	VCT-1,3,4,5	RBBS-2		CMU / PT-1,4,5	CMU / PT-1,4,5	CMU / PT-1,4,5	EGAP #1		
104	RECEPTION DESK	VCT-1,4	RBBS-2		CMU / PT-1,4,5	CMU / PT-1,4,5	CMU / PT-1,4,5	EGAP #1		
105	RM40B PRINCIPAL	CPT-1&2	RBBS-3	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-3	EGAP #1		PT-2 ON 3 WALLS, PT-5 ON ACCENT WALL AT CARPET BAND
106	TOILET							EGAP #2		
107	RM40C CONFERENCE	CPT-1&2	RBBS-3	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-5	EGAP #1		PT-2 ON 3 WALLS, PT-5 ON ACCENT WALL AT CARPET BAND
108	TOILET							EGAP #2		
109	CORRIDOR (R)	VCT-1,3	RBBS-1	CMU / PT-4,2	CMU / PT-4,2	CMU / PT-4,2	CMU / PT-4,2	EGAP #1		PT-4 FOUR BLOCKS HIGH FROM FLOOR, PT-2 ABOVE
110	RM40M TOILET							EGAP #2		
111	RM40L STORAGE	VCT-1,3,4	RBBS-2	PAINT	PAINT	PAINT	PAINT	EGAP #2		
112	RM40D ASSIT. PRINCIPAL	CPT-1&2	RBBS-3	CMU / PT-2	CMU / PT-5	CMU / PT-2	CMU / PT-2	EGAP #1		PT-2 ON 3 WALLS, PT-5 ON ACCENT WALL AT CARPET BAND
113	RM40E NURSE	VCT-1,2,4	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
114	UNISEX TOILET	TL-1	TL-3	CMU / PT-2	CMU / PT-2	CMU / PT-5	CMU / PT-2	M.R. GYP.BRD. / PT-1		PT-2 ON 3 WALLS, PT-5 ON SINK WALL
115	RM40F A.P.	VCT-1,4,5	RBBS-3	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
116	STORAGE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	M.R. GYP.BRD. / PT-1		
117	RM 40G ASSIT. PRINCIPAL	CPT-1&2	RBBS-3	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-5	EGAP #1		PT-2 ON 3 WALLS, PT-5 ON ACCENT WALL AT CARPET BAND
118	RM 40H LARGE CONFERENCE	CPT-1&2	RBBS-3	CMU / PT-2	CMU / PT-4	CMU / PT-4	CMU / PT-2	EGAP #1		PT-4 ON 2 WINDOW WALLS, PT-2 ON OTHER 2 WALLS
119A	RM 40N ELEC.	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
119B	RM 40A DATA MANAGER	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
120	RM 40O LOUNGE	VCT-2	RBBS-2	CMU / PT-2	CMU / PT-5	CMU / PT-2	CMU / PT-2	EGAP #1		
121	RM 40P A.L.G.	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
122	RM 40K JANITOR	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
123	RM 40J OFFICE	VCT-1	RBBS-2	GYP. BD. / PT-2	GYP. BD. / PT-2	GYP. BD. / PT-2	GYP. BD. / PT-2	EGAP #1		
124	RM 40R PTA STORE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
126	RM 40I RESOURCE	VCT-2	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
127	RM 40S STAFF TOILET	TL-1	TL-3	CMU / PT-2	CMU / PT-2	CMU / PT-5	CMU / PT-2	EGAP #1		PT-2 ON 3 WALLS, PT-5 ON SINK WALL
128	RM 41 STUDENT DINING AREA	VCT-1,2,3,4	RBBS-1	CMU / PT-1,2,3,4,5	CMU / PT-1,2,3,4,5	CMU / PT-1,2,3,4,5	CMU / PT-1,2,3,4,5	EGAP #1/GYP.BRD. / PT-1		SEE DETAIL 3 / 1D-101B
129	RM 41B SUSPENSION							EGAP #2		
130	RM 42 KITCHEN							EGAP #3		
131	RM 42E OFFICE							EGAP #2		
132	RM 42D STORAGE						CMU / PT	EGAP #2		
133	RM 42C STORAGE							EGAP #2		
134	TOILET							EGAP #2		
135	RM 42A STORAGE							EGAP #2		
138	RM 42B STORAGE							EGAP #3		
139	RM 45 JAN. STORAGE	Exist. Conc.		CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	STRUCT.		
139.1	RM 46 RISER ROOM	Exist. Conc.		CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	STRUCT.		
140	RM 44 ELECTRICAL							STRUCT.		
141	RM 43 BOILER ROOM							STRUCT.		
142	CORRIDOR P	VCT-1,2,3,5	RBBS-1		BRICK / PT-3,4	BRICK / PT-1,3,4,5	BRICK / PT-3,5	EGAP #1		SEE DETAIL 4 / 1D-101B
143	RM 53 BOYS TOILET	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING, SEE NOTE 7
144	RM 52B BOYS TEAM LOCKER	TL-1	TL-3	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	M.R. GYP.BRD. / PT-1		
145	RM 52 BOYS P.E. LOCKER	TL-1	TL-3	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	M.R. GYP.BRD. / PT-1		
146	RM 52A STORAGE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
147	RM 52C COACH OFFICE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
148	RM 52D BOYS P.E. TOILET	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED, SEE NOTE 7
149	BOYS SHOWER	TL-2	TL-3	WLT-1	WLT-1	WLT-1	WLT-1	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
150	CORRIDOR (G)	VCT-1,4	RBBS-1	CMU / PT-5	CMU / PT-5	CMU / PT-5	CMU / PT-1,3,4,5	EGAP #1		
151	RM 38C STORAGE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
152	RM 56 LAUNDRY	TL-1	TL-3	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
152.1	RM 57 LAUNDRY STORAGE	TL-1	TL-3	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
153	RM 38 MULTI-PURPOSE GYMNASIUM	WOOD SPORTS FLR.	RUBBER (VENTED)	CMU / PT-1,3,4,5	CMU / PT-1,3,4,5	CMU / PT-1,3,4,5	CMU / PT-1,3,4,5	STRUCT.		(PT-3) 6 BLOCKS HIGH, 3 BLOCKS PT-4, 1 BLOCK PT-1, 2 BLOCKS PT-5, PT-1 ABOVE, SEE DETAIL 1A-D-101B
154	RM 38A STAGE							STRUCT.		
155	RM 38B STORAGE							EGAP #1		
156	GIRLS SHOWER	TL-2	TL-3	WLT-1	WLT-1	WLT-1	WLT-1	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
157	RM 56D GIRLS P.E. TOILET	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
158	RM 56C COACH OFFICE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #1		
159	RM 56 GIRLS P.E. LOCKER	TL-1	TL-3	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	M.R. GYP.BRD. / PT-1		
160	RM 56A STORAGE	VCT-1	RBBS-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	CMU / PT-2	EGAP #2		
161	RM 56B GIRLS TEAM LOCKER	TL-1,2	TL-3	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	CMU / PT-2,3,5	M.R. GYP.BRD. / PT-1		
162	RM 54 GIRLS TOILET	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING, SEE NOTE 7
163	CORRIDOR (N)		RBBS-1	CMU / PT-3			CMU / PT-3	EGAP #1		SEE DETAIL 4 / 1D-101B
164	RM 27 CHORAL RM.							EGAP #5		
165	RM 27B OFFICE							EGAP #1		
166	RM 26B INSTRUMENT STO.							EGAP #1		
166.1	CORRIDOR (O)							EGAP #1		
167	RM 27A MUSIC LIBRARY							EGAP #1		
168	RM 26A OFFICE							EGAP #1		
169	PRACTICE RM2							EGAP #5		
170	PRACTICE RM1							EGAP #5		
171	RM 26 BAND RM.							EGAP #5		
172	RM 26D OFFICE							EGAP #1		
173	RM 26C STO. ROOM							EGAP #2		
174	CORRIDOR (I)							EGAP #1		
174.1	CORRIDOR (S)	VCT-1,5 RBTD	RBBS-1	CMU / PT-1,3,4,5				EGAP #1		RBTD- PROVIDE RUBBER STAIR TREAD WITH INTEGRATED RISER
175	RM 25D CUSTODIAL							EGAP #1		
176	RM 25 TECH TODAY LAB							EGAP #1		
177	RM 25A OFFICE							EGAP #1		
178	RM 25B TOOLS							EGAP #2		
179	RM 25C STO.							EGAP #2		

ROOM #	ROOM NAME	FLOOR	BASE	NORTH WALL MAT/FINISH	EAST WALL MAT/FINISH	SOUTH WALL MAT/FINISH	WEST WALL MAT/FINISH	CEILING MAT/FINISH	RATED CEILING ASSEMBLY	REMARKS
180	RM 24 DRAMA ROOM							EGAP #4		CEILING TILE AND GRID (BLACK FINISH TO MATCH EXISTING)
181	RM 23B TOILET MEN							EGAP #2		
182	CORRIDOR (M)							EGAP #1		
183	RM 22B STO.							EGAP #2		
184	RM 22A IT							EGAP #2		
185	RM 23 FAMILY & CONSUMER SCIENCE CR							EGAP #1		
186	RM 22 FAMILY & CONSUMER SCIENCE CR							EGAP #1		
187	CORRIDOR (L)							EGAP #1		
188	RM 21 ART CR							EGAP #1		
189	RM 23C TOILET WOMENS							EGAP #2		
190	CORRIDOR (K)							EGAP #1		
191	GIRLS 2	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
192	BOYS 2	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
193	RM 28 CR							EGAP #1		
194	RM 29 CR							EGAP #1		
195	RM 30 CR							EGAP #1		
196	CORRIDOR (J)							EGAP #1		
197	RM 31 CR							EGAP #1		
198	RM 32 CR							EGAP #1		
199	RM 33 CR							EGAP #1		
200	RM 34 CR							EGAP #1		
201	RM 36 BUSINESS COMPUTER CR							EGAP #1		
202	RM 35A STORAGE							EGAP #2		
203	GIRLS 1	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
204	BOYS 1	TL-1,2	TL-3	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	WLT-1,2,3,4	M.R. GYP.BRD. / PT-1		CER. TILE TO FINISHED CEILING
205	RM 31A CUSTODIAL							EGAP #2		
206	RM 31B TOILET							EGAP #2		
207	RM 31C TOILET (STAFF)							EGAP #2		
208	RM 36B STORAGE							EGAP #2		
209	RM 36 SCIENCE CR							EGAP #1		
210	RM 36A WORK ROOM							EGAP #1		
211	RM 37B STORAGE							EGAP #2		
212	RM 37A OFFICE									

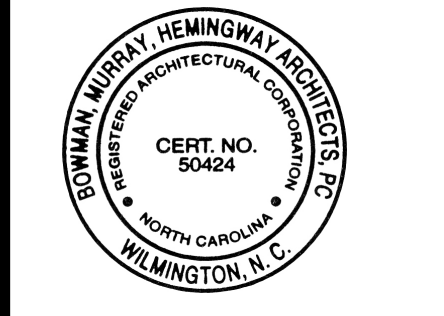
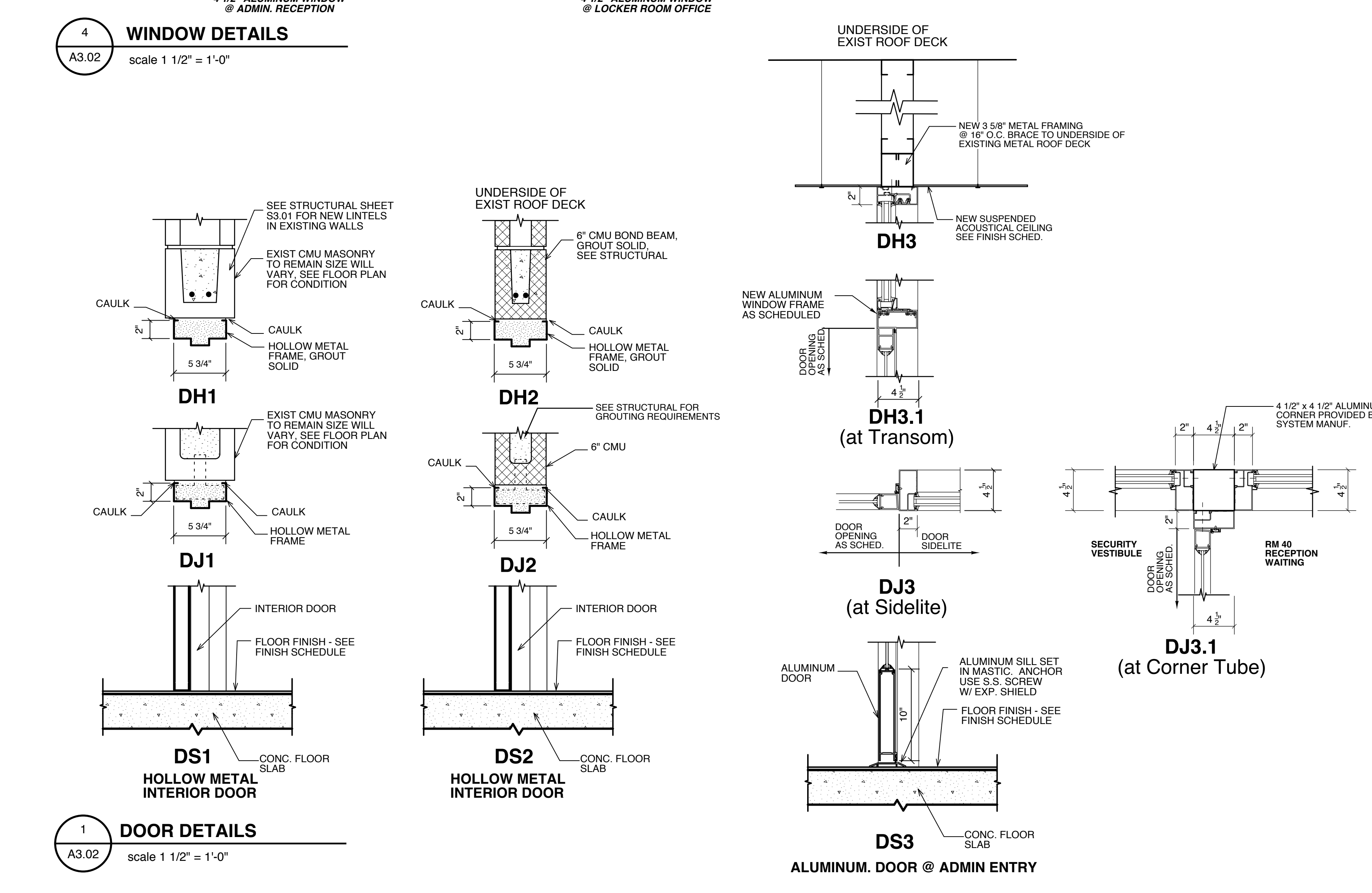
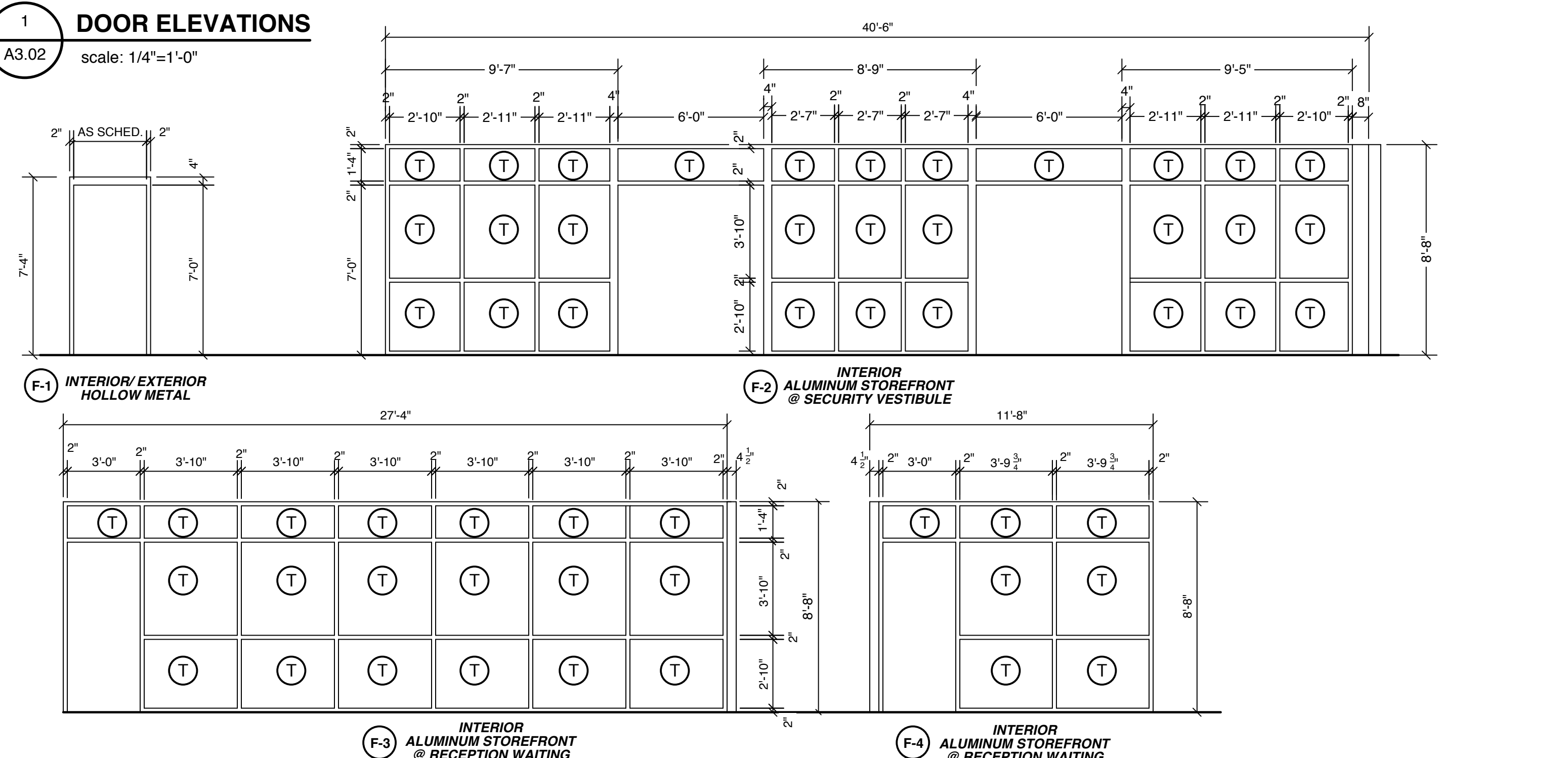
**DOOR SCHEDULE**

NO.	SIZE WxHxT	DOOR TYPE	DOOR ELEV.	FRAME ELEV.	FRAME TYPE / FIN.	HEAD/JAMB/SILL DETAIL	HDW	DOOR FINISH	RATING	GLAZING	REMARKS
001A	(2) 3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	F-2	ALUM. / FACT. FIN.	DH3/DJ3/DS3	#04	FACTORY FINISH	---	1/4" TEMP.	
001B	(2) 3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	F-2	ALUM. / FACT. FIN.	DH3/DJ3/DS3	#03	FACTORY FINISH	---	1/4" TEMP.	
102A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#15	STAIN	---	1/4" TEMP.	
103A	3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	F-3	ALUM. / FACT. FIN.	DH3/DJ3/DS3	#05	FACTORY FINISH	---	1/4" TEMP.	LOOK RELEASED BY PUSH BUTTON AT RECEPTION DESK. SEE ELECTRICAL DRAWINGS.
103B	3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	F-4	ALUM. / FACT. FIN.	DH3/DJ3/DS3	#12	FACTORY FINISH	---	1/4" TEMP.	ELECTRIC HOLD OPEN LOCKED DOWN BY PUSH BUTTON AT RECEPTION DESK. SEE ELECTRICAL DRAWINGS.
104A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#07	STAIN	---	1/4" TEMP.	
105A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP.	
105B	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#15	STAIN	---	1/4" TEMP.	
106A	2'-4" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#16	STAIN	---	1/4" TEMP.	
107A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#08	STAIN	---	1/4" TEMP.	
108A	2'-4" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#16	STAIN	---	1/4" TEMP.	
109A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#11	STAIN	---	1/4" TEMP.	
109B	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#09	STAIN	---	1/4" TEMP.	
110A	2'-4" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#16	STAIN	---	1/4" TEMP.	
111A	2'-4" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#19	STAIN	---	1/4" TEMP.	
112A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP.	
112B	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#15	STAIN	---	1/4" TEMP.	
113A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#08	STAIN	---	1/4" TEMP.	
114A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#16	STAIN	---	1/4" TEMP.	
115A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP.	
116A	2'-8" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#19	STAIN	---	1/4" TEMP.	
117A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP.	
118A	3'-0" x 7'-0" x 1 3/4"	SCW	D-4	F-1	HMPT	DH2/DJ2/DS2	#08	STAIN	---	1/4" TEMP.	
119A	3'-0" x 7'-0" x 1 3/4"	SCW	D-2	F-1	HMPT	DH1/DJ1/DS1	#21	STAIN	---	1/4" TEMP.	PROVIDE LOUVER
119B	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#15	STAIN	---	1/4" TEMP.	
120A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#13	STAIN	---	1/4" TEMP.	
120B	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#08	STAIN	---	1/4" TEMP.	
121A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#15	STAIN	---	1/4" TEMP.	
122A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#21	STAIN	---	1/4" TEMP.	
122B	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#08	STAIN	---	1/4" TEMP.	
123A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH1/DJ1/DS1	#15	STAIN	---	1/4" TEMP.	
126A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP.	
127A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#18	STAIN	---	1/4" TEMP.	
132A	3'-0" x 7'-0" x 1 3/4"	HM	D-3	F-1	HMPT	DH2/DJ2/DS2	#20	PAINT	---	1/4" TEMP.	
139A	3'-0" x 7'-0" x 1 3/4"	HM	D-3	F-1	HMPT	DH1/DJ1/DS1	#22	PAINT	---	1/4" TEMP.	
139.1A	3'-0" x 7'-0" x 1 3/4"	HM	D-3	F-1	HMPT	DH1/DJ1/DS1	#22	PAINT	---	1/4" TEMP.	
143A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#17	STAIN	---	1/4" TEMP.	
144A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#17	STAIN	---	1/4" TEMP.	
144B	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#17	STAIN	---	1/4" TEMP.	
146A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#19	STAIN	---	1/4" TEMP.	
147A	3'-0" x 7'-0" x 1 3/4"	SCW	D-4	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP.	
148A	3'-0" x 7'-0" x 1 3/4"	MRFD	D-5	F-1	HMPT	DH2/DJ2/DS2	#14	FACTORY FINISH	---	1/4" TEMP.	
150A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#06	STAIN	---	1/4" TEMP.	
151A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#20	STAIN	---	1/4" TEMP.	
152A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#10	PAINT	---	1/4" TEMP.	
152.1A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#19	PAINT	---	1/4" TEMP.	
156A	3'-0" x 7'-0" x 1 3/4"	MRFD	D-5	F-1	HMPT	DH2/DJ2/DS2	#14	FACTORY FINISH	---	1/4" TEMP.	
157A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#06	STAIN	---	1/4" TEMP.	
158A	3'-0" x 7'-0" x 1 3/4"	SCW	D-4	F-1	HMPT	DH2/DJ2/DS2	#15	STAIN	---	1/4" TEMP. GLASS	
160A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#19	STAIN	---	1/4" TEMP. GLASS	
161A	3'-0" x 7'-0" x 1 3/4"	SCW	D-6	F-1	HMPT	DH2/DJ2/DS2	#17	STAIN	---	1/4" TEMP. GLASS	
161B	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#17	STAIN	---	1/4" TEMP. GLASS	
162A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH2/DJ2/DS2	#17	STAIN	---	1/4" TEMP. GLASS	
174A	EXISTING TO REMAIN						#24				NEW AD400 LOCK - SEE ELEC.
190A	(2) 3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	EXIST. TO REMAIN			#23	FACTORY FINISH	---	1" TEMP. GLAZING	NEW AD400 LOCK - SEE ELEC. VERIFY ALL EXISTING DIMENSIONS
191A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#17	STAIN	---	1/4" TEMP.	
192A	3'-0" x 7'-0" x 1 3/4"	SCW	D-5	F-1	HMPT	DH1/DJ1/DS1	#17	STAIN	---	1/4" TEMP.	
196A	(2) 3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	EXIST. TO REMAIN			#01	FACTORY FINISH	---	1" TEMP. GLAZING	NEW AD400 LOCK - SEE ELEC. VERIFY ALL EXISTING DIMENSIONS
196B	(2) 3'-0" x 7'-0" x 1 3/4"	ALUM.	D-1	EXIST. TO REMAIN			#02	FACTORY FINISH	---	1" TEMP. GLAZING	VERIFY ALL EXISTING DIMEN.



**ABBREVIATIONS**

ALUM.	ALUMINUM	MIN.	MINUTE
CONC.	CONCRETE	OPNG.	OPENING
EXT.	EXTERIOR	PT.	PAINT
EXIST.	EXISTING	SCW	SOLID CORE WOOD
HM	HOLLOW METAL	SCHED.	SCHEDULED
INSUL.	INSULATED	TEMP.	TEMPERED
INT.	INTERIOR	FACT. FIN.	FACTORY FINISH
		MRFD	MOISTURE RESISTANT FLUSH DOOR



**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

**Door Schedule  
&  
Window / Door Details**

JOB NUMBER

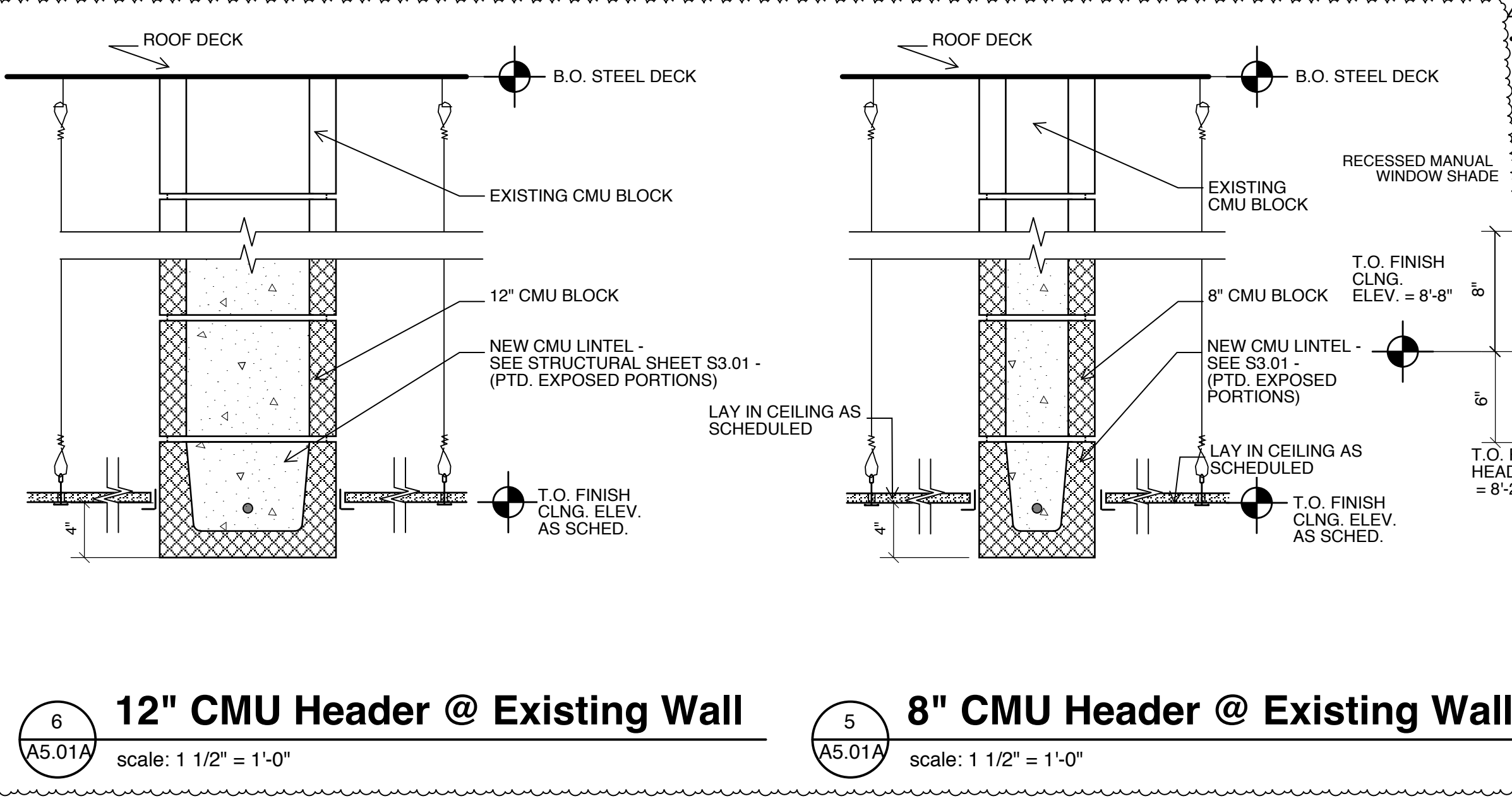
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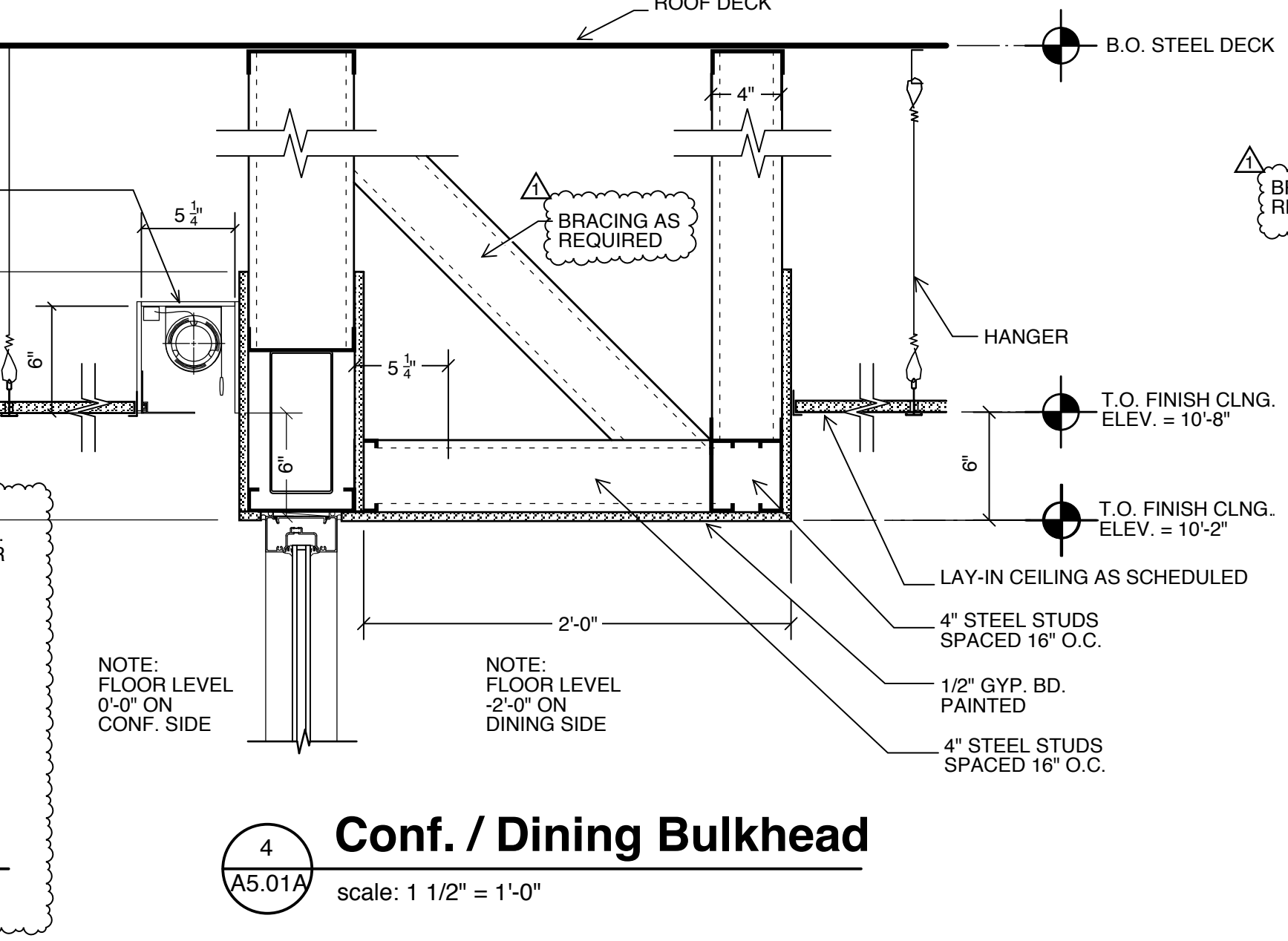
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REVISIONS

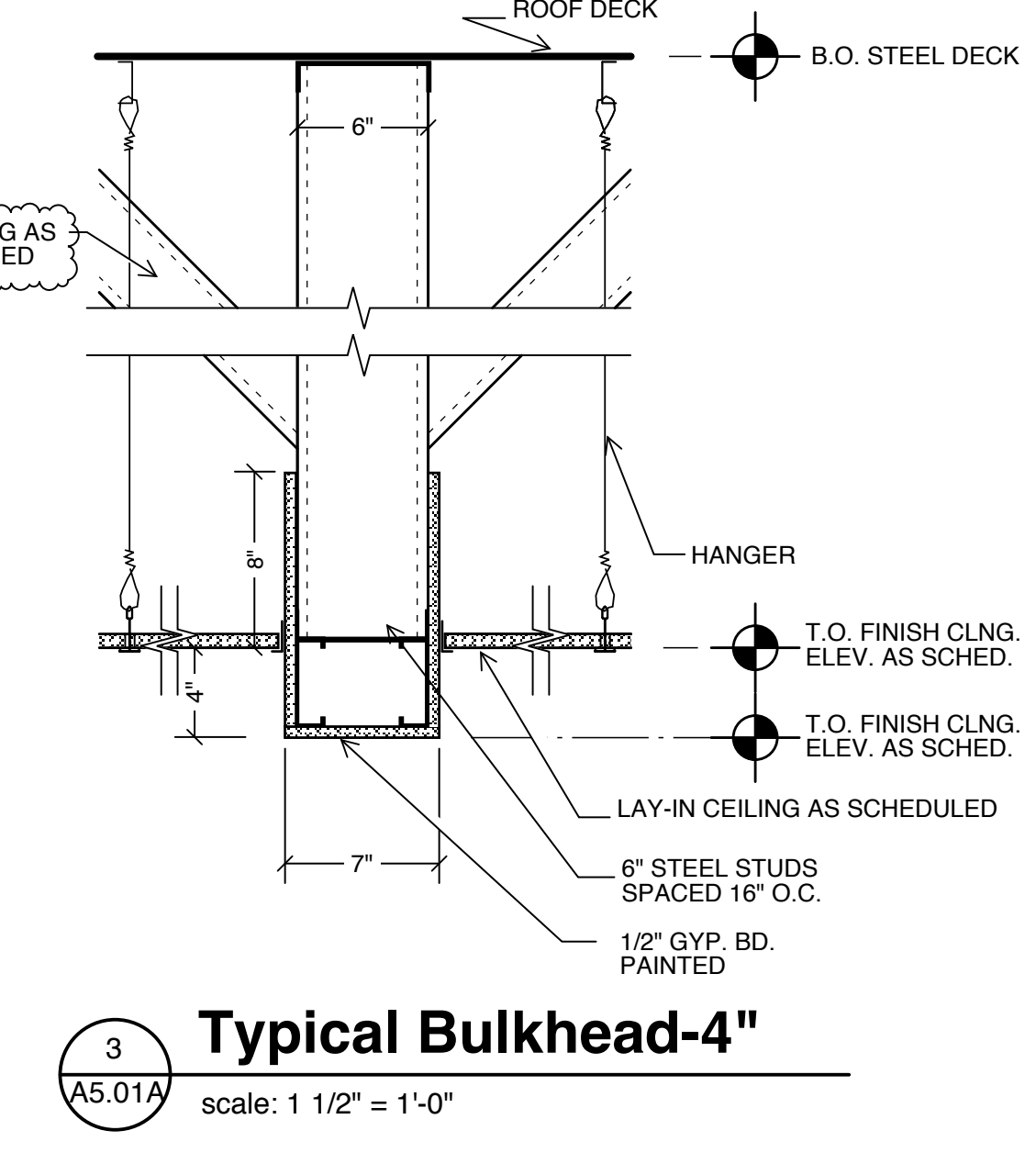
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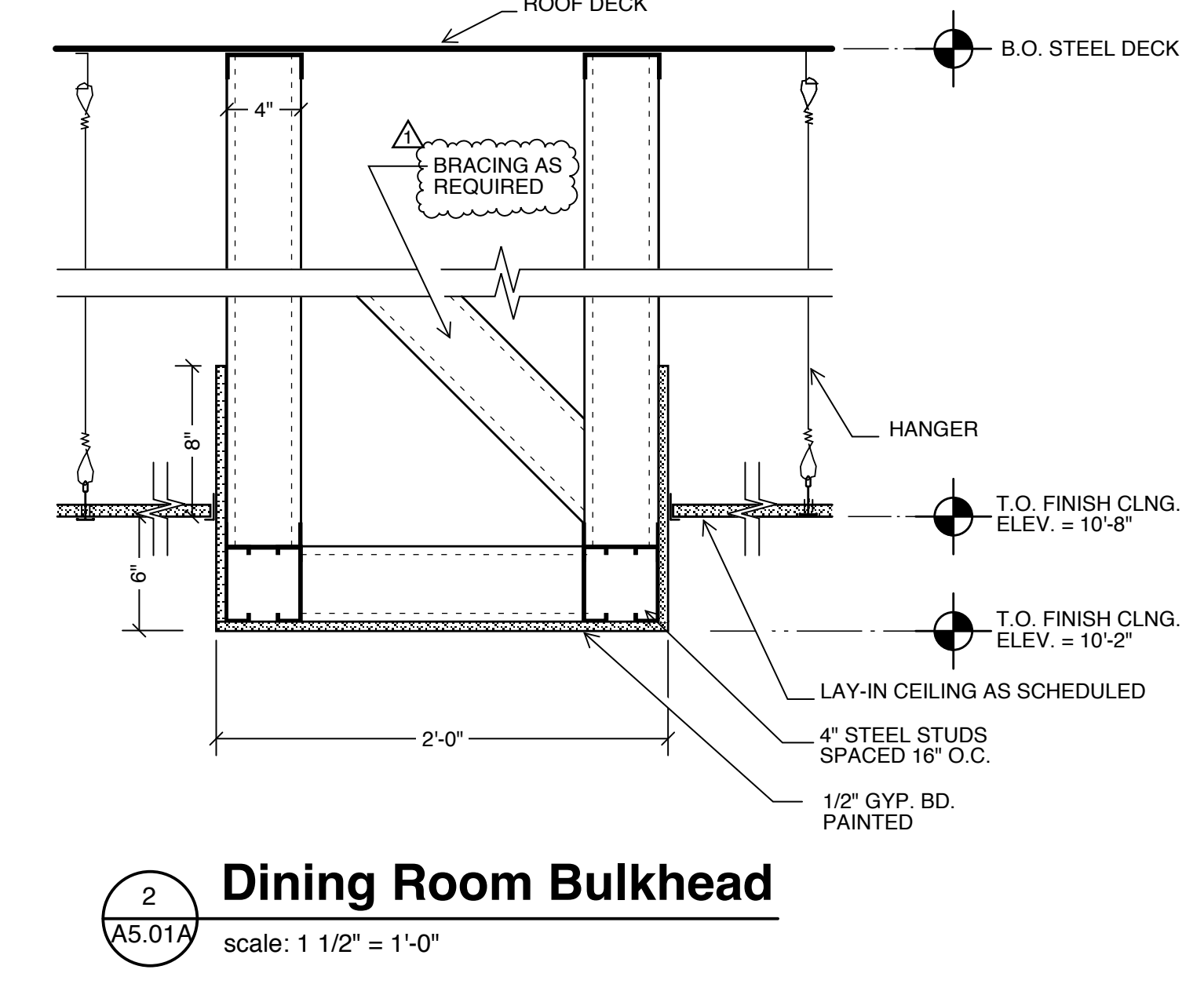
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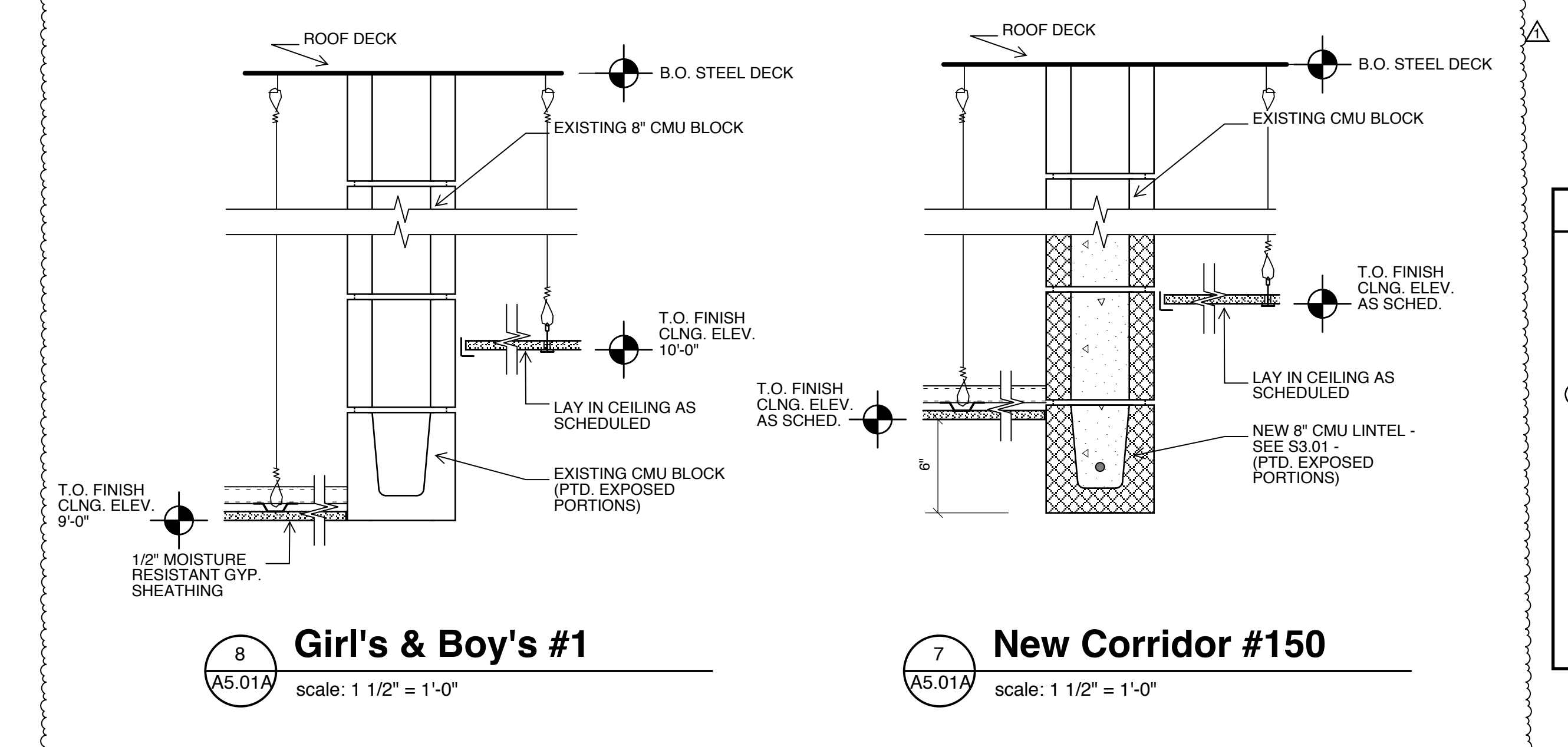
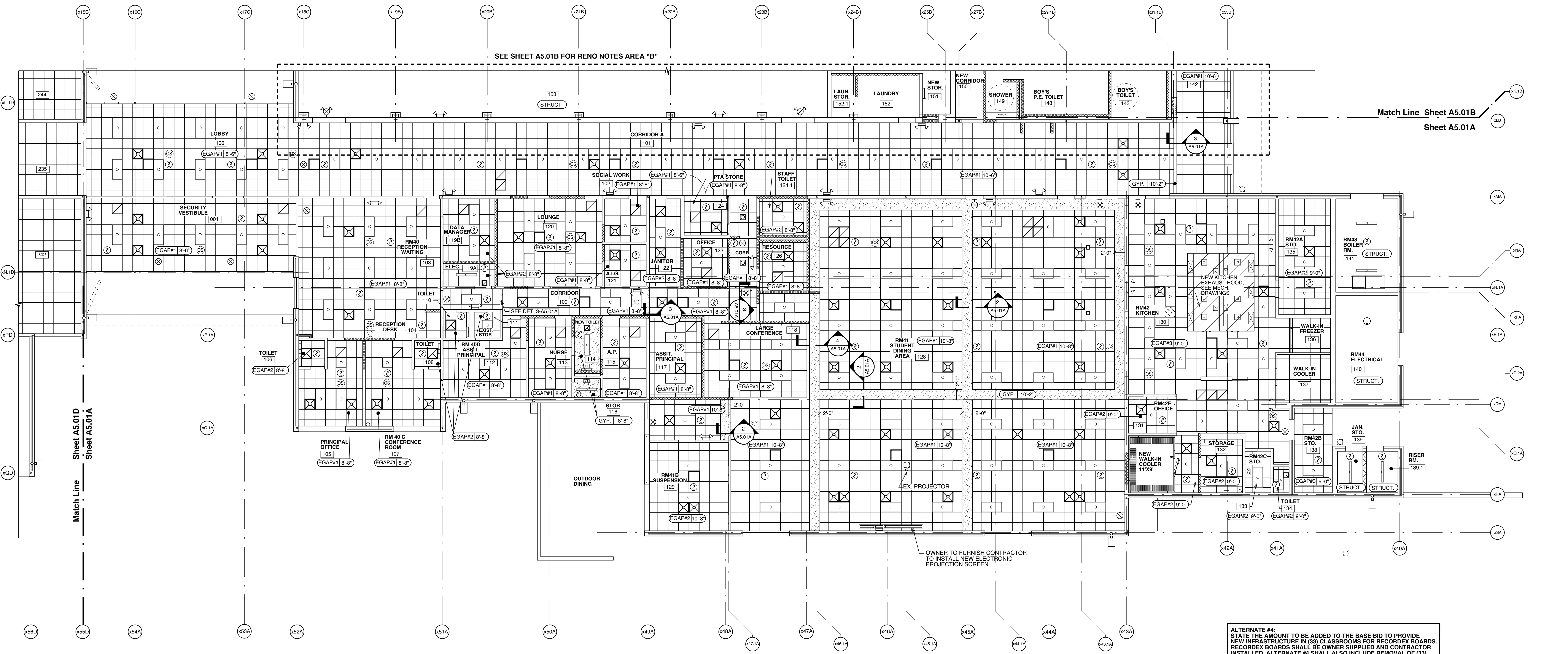


**4 Conf. / Dining Bulkhead**  
scale: 1 1/2\"/>



**3 Typical Bulkhead-4\"/>**

**2 Dining Room Bulkhead**  
scale: 1 1/2\"/>



**8 Girls's & Boy's #1**  
scale: 1 1/2\"/>

**7 New Corridor #150**  
scale: 1 1/2\"/>

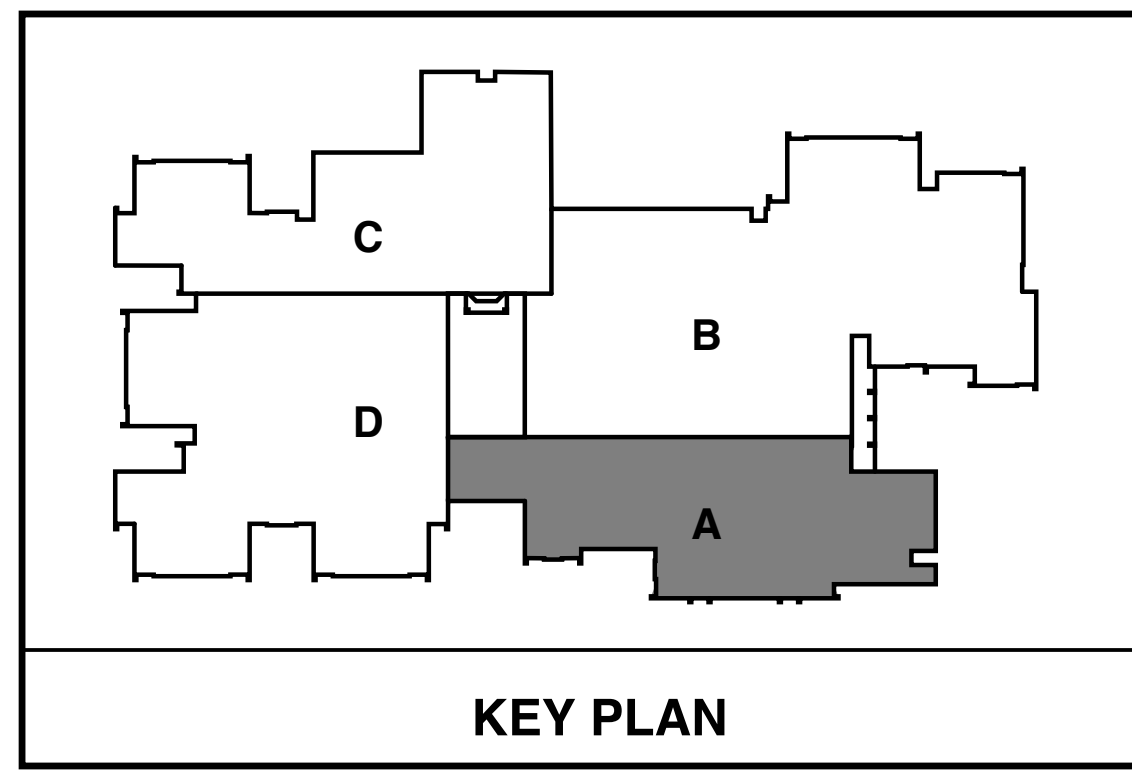
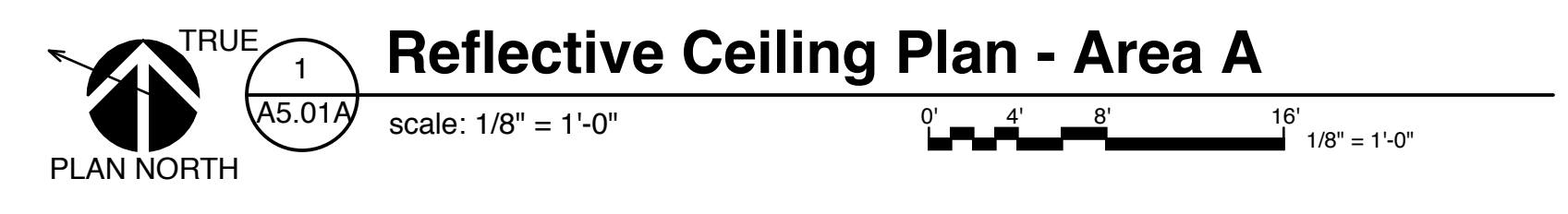
**LEGEND**

	ACoustical CEILING TILE AND GRID (NO RATING)		EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL
	GYP = GYPSUM BOARD		EXIT SIGN - SEE ELECTRICAL
	M. GYP = MOISTURE RESISTANT GYPSUM BOARD		EMERGENCY LIGHT - SEE ELECTRICAL
	CEILING TYPE / CEILING HEIGHT		SPEAKER - SEE ELECTRICAL
	GYP - GYPSUM BD. 1/2\"/>		CAMERA - SEE ELECTRICAL
	EGAP = EXPOSED GRID ACOUSTIC PANEL - SEE SPECIFICATIONS FOR TYPE		RETURN AIR - SEE MECHANICAL
	LED LIGHTING FIXTURE - SEE ELECTRICAL		AIR SUPPLY - SEE MECHANICAL
	RECESSED LIGHTING FIXTURE - SEE ELECTRICAL		SMOKE DETECTOR - SEE ELECTRICAL
	WALL MOUNTED VISUAL LIGHT FIXTURE		OCCUPANCY SENSOR - SEE ELECTRICAL
	WALL MTD. FIRE ALARM PULL STATION		CEILING MOUNTED EXHAUST FAN - SEE MECHANICAL
	FIRE PROTECTION SYMBOLS		COMM-DATA SYMBOLS

- GENERAL NOTES:**
- THE CONTRACTOR SHALL PROVIDE ADDITIONAL DEMOLITION, PATCH AND REPAIR WORK AS REQUIRED TO COMPLETE NEW WORK.
  - MAINTAIN EXISTING FIRE PARTITION RATINGS AT ALL NEW PENETRATIONS.

- REFLECTED CEILING PLAN NOTES:**
- THE CONTRACTOR SHALL CONFIRM AND COORDINATE ALL MECHANICAL AND ELECTRICAL ITEMS.
  - VERIFY CEILING CLEARANCES PRIOR TO BEGINNING GRID AND FIXTURE PLACEMENT.
  - CENTER GRID AND DEVICES WHEREVER POSSIBLE.
  - LAY-IN TILE TO HAVE 6\"/>

**ALTERNATE #4:**  
STATE THE AMOUNT TO BE ADDED TO THE BASE BID TO PROVIDE NEW INFRASTRUCTURE IN (33) CLASSROOMS FOR RECORDER BOARDS. RECORDER BOARDS SHALL BE OWNER SUPPLIED AND CONTRACTOR INSTALLED. ALTERNATE #4 SHALL ALSO INCLUDE REMOVAL OF (33) WHITE BOARDS WITH PATCH, REPAIR, AND PAINT OF FULL EXTENT OF WALL FROM WHICH BOARD IS REMOVED.  
  
BASE BID SHALL INCLUDE REINSTALLATION OF (33) SALVAGED PROJECTORS BY A VENDOR QUALIFIED BY THE MANUFACTURER OF THE EXISTING PROJECTORS TO BE SALVAGED.



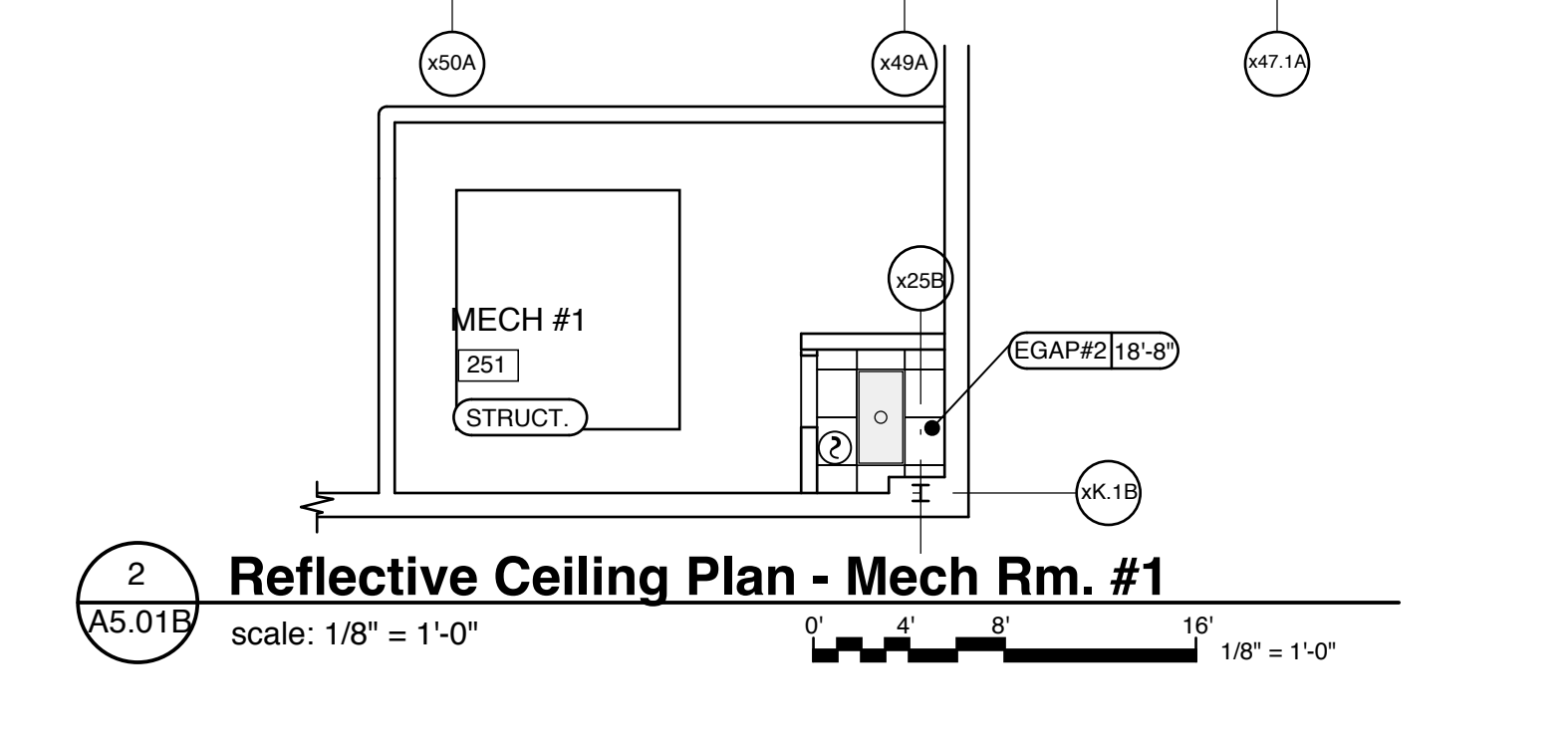
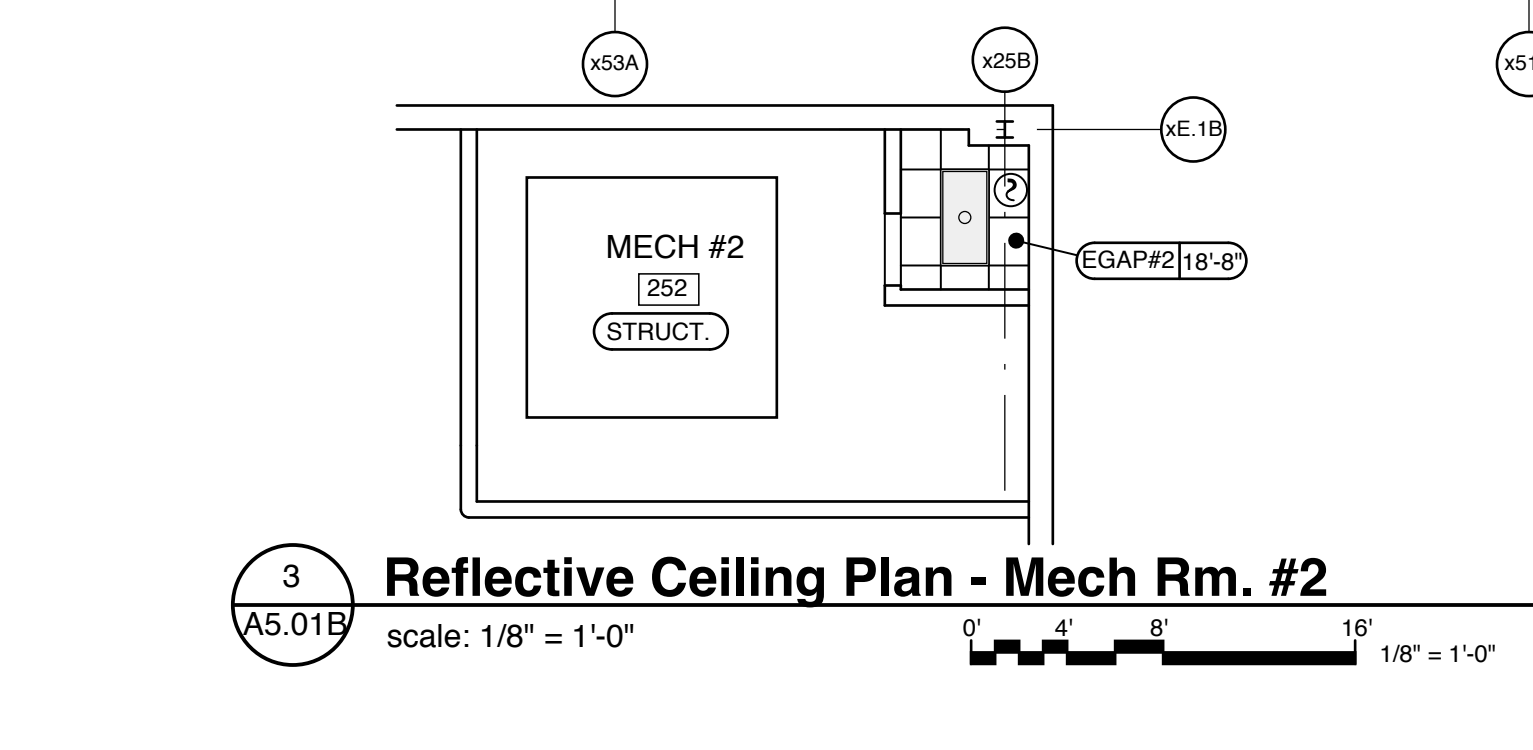
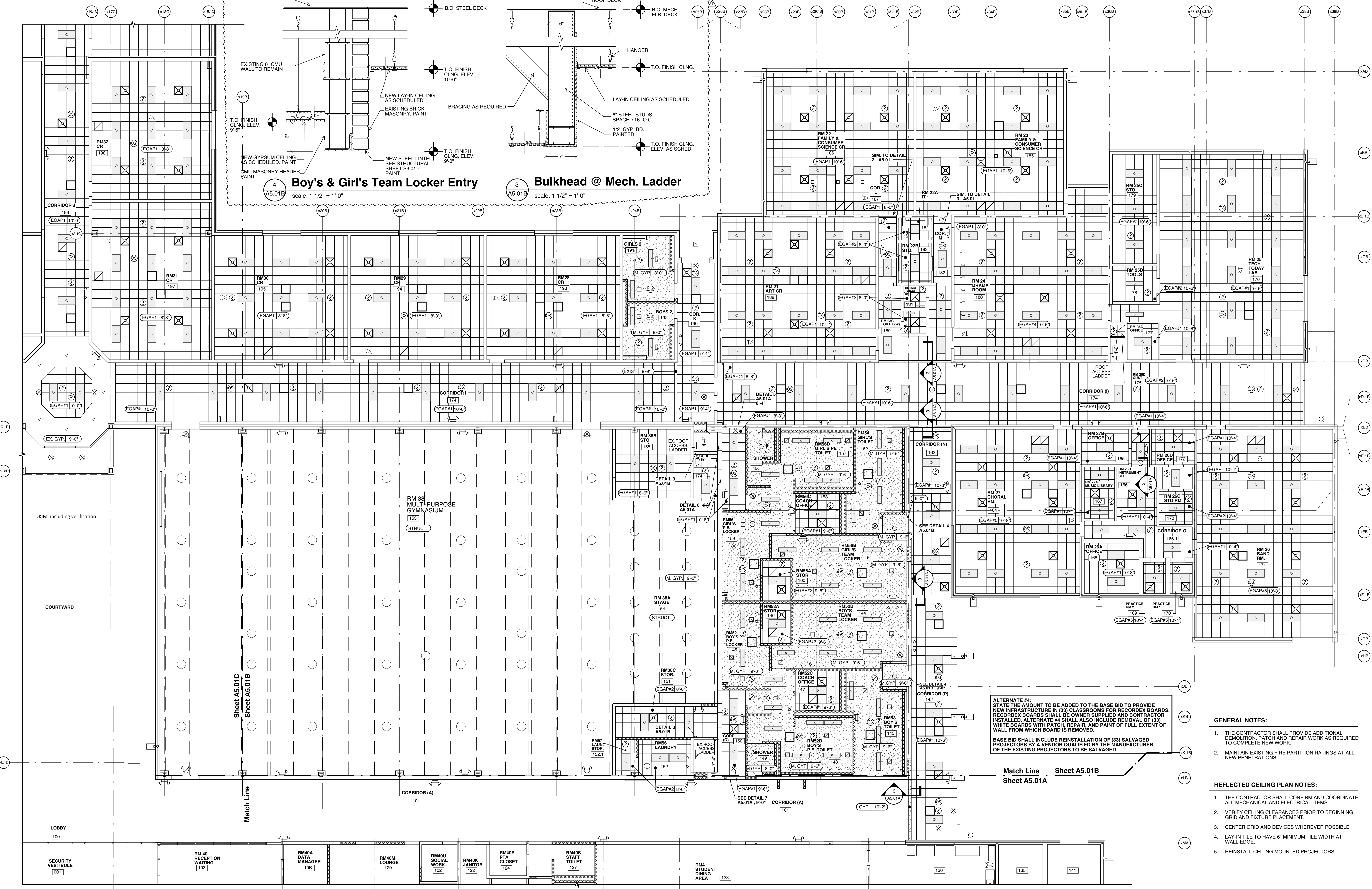
**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

**Reflective Ceiling Plan**  
- Area A

JOB NUMBER  
DRAWN BY: CWG\_rcm2l  
CHECKED BY:  
JDM  
DATE: 02-04-2019  
REVISIONS

ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019

SHEET NUMBER  
**A5.01A**



**LEGEND**

ACoustical CEILING TILE AND GRID (NO RATING)	EXIT SIGN - SEE ELECTRICAL	LED LIGHTING FIXTURE - SEE ELECTRICAL	CEILING MECHANICAL EXHAUST FAN - SEE MECHANICAL
GYP = GYPSUM BOARD M. GYP = MOISTURE RESISTANT GYPSUM BD.	EMERGENCY LIGHT - SEE ELECTRICAL	AIR SUPPLY - SEE MECHANICAL	FIRE PROTECTION SYMBOLS
GYP 12'-0" CEILING TYPE / CEILING HEIGHT	SPEAKER - SEE ELECTRICAL	CAMERA - SEE ELECTRICAL	COMM-DATA SYMBOLS
GYP = GYPSUM BD., 1/2" PAINTED EGAP = EXPOSED GRID ACOUSTIC PANEL - SEE SPECIFICATIONS FOR TYPE	RECESSED LIGHTING FIXTURE - SEE ELECTRICAL	SMOKE DETECTOR - SEE ELECTRICAL	OCCUPANCY SENSOR - SEE ELECTRICAL
EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL	WALL MOUNTED VISUAL LIGHT FIXTURE	RETURN AIR - SEE MECHANICAL	

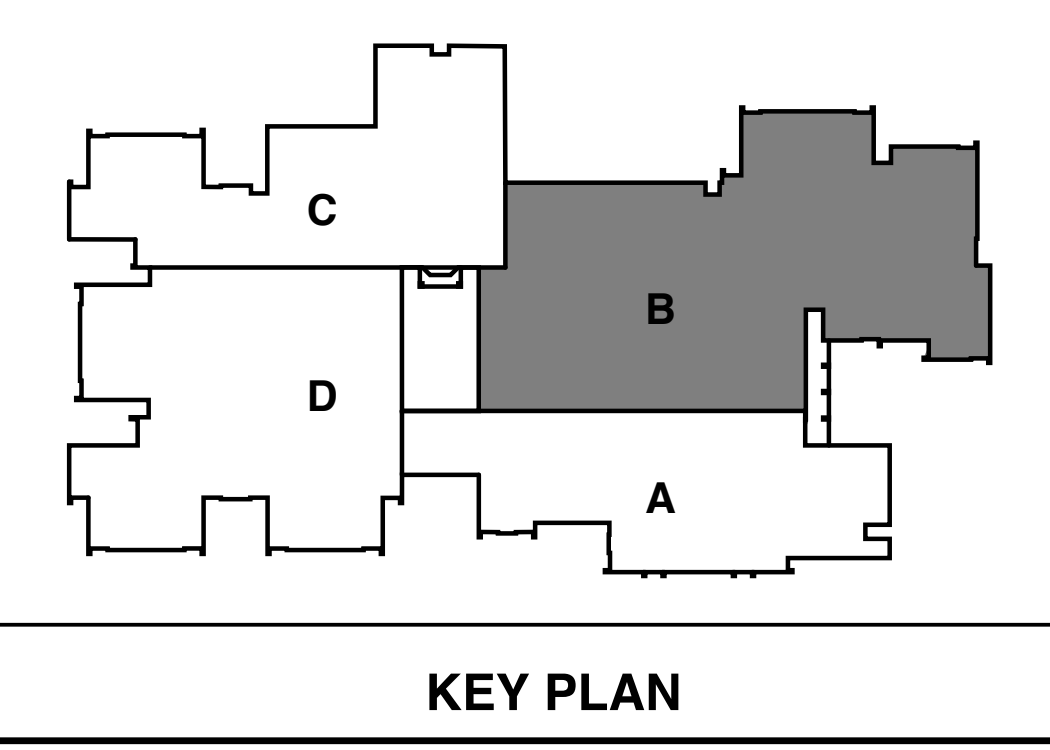
**Reflective Ceiling Plan - Area B**  
scale: 1/8" = 1'-0"  
PLAN NORTH

**ALTERNATE #4:**  
STATE THE AMOUNT TO BE ADDED TO THE BASE BID TO PROVIDE NEW INFRASTRUCTURE IN (33) CLASSROOMS FOR RECORDEX BOARDS. RECORDEX BOARDS SHALL BE OWNER SUPPLIED AND CONTRACTOR INSTALLED. ALTERNATE #4 SHALL ALSO INCLUDE REMOVAL OF (33) WHITE BOARDS WITH PATCH, REPAIR, AND PAINT OF FULL EXTENT OF WALL FROM WHICH BOARD IS REMOVED.

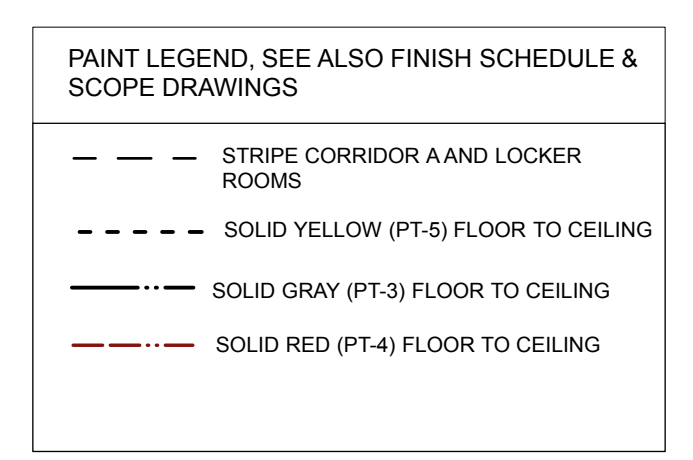
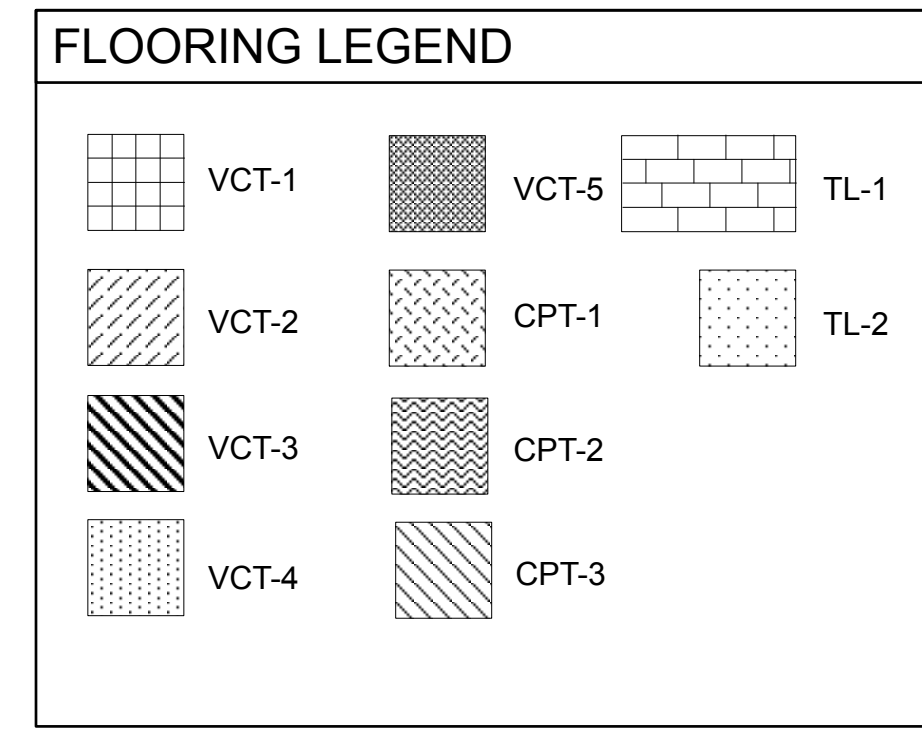
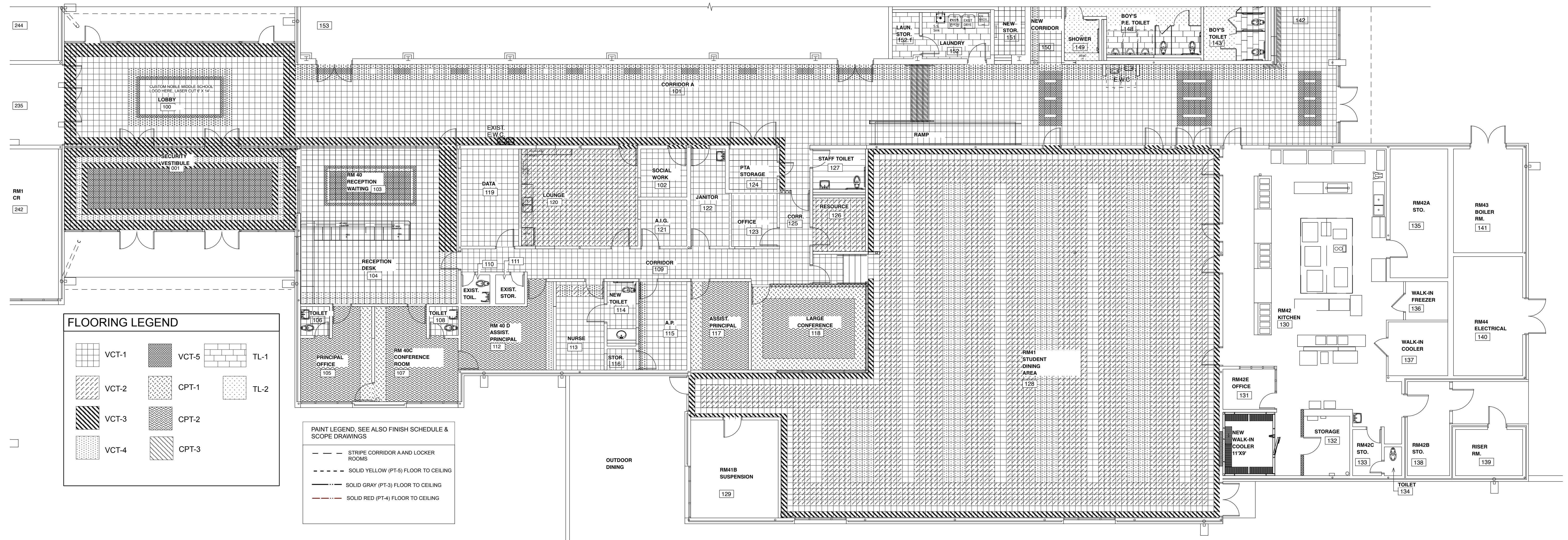
**BASE BID SHALL INCLUDE REINSTALLATION OF (33) SALVAGED PROJECTORS BY A VENDOR QUALIFIED BY THE MANUFACTURER OF THE EXISTING PROJECTORS TO BE SALVAGED.**

- GENERAL NOTES:**
1. THE CONTRACTOR SHALL PROVIDE ADDITIONAL DEMOLITION, PATCH AND REPAIR WORK AS REQUIRED TO COMPLETE NEW WORK.
  2. MAINTAIN EXISTING FIRE PARTITION RATINGS AT ALL NEW PENETRATIONS.

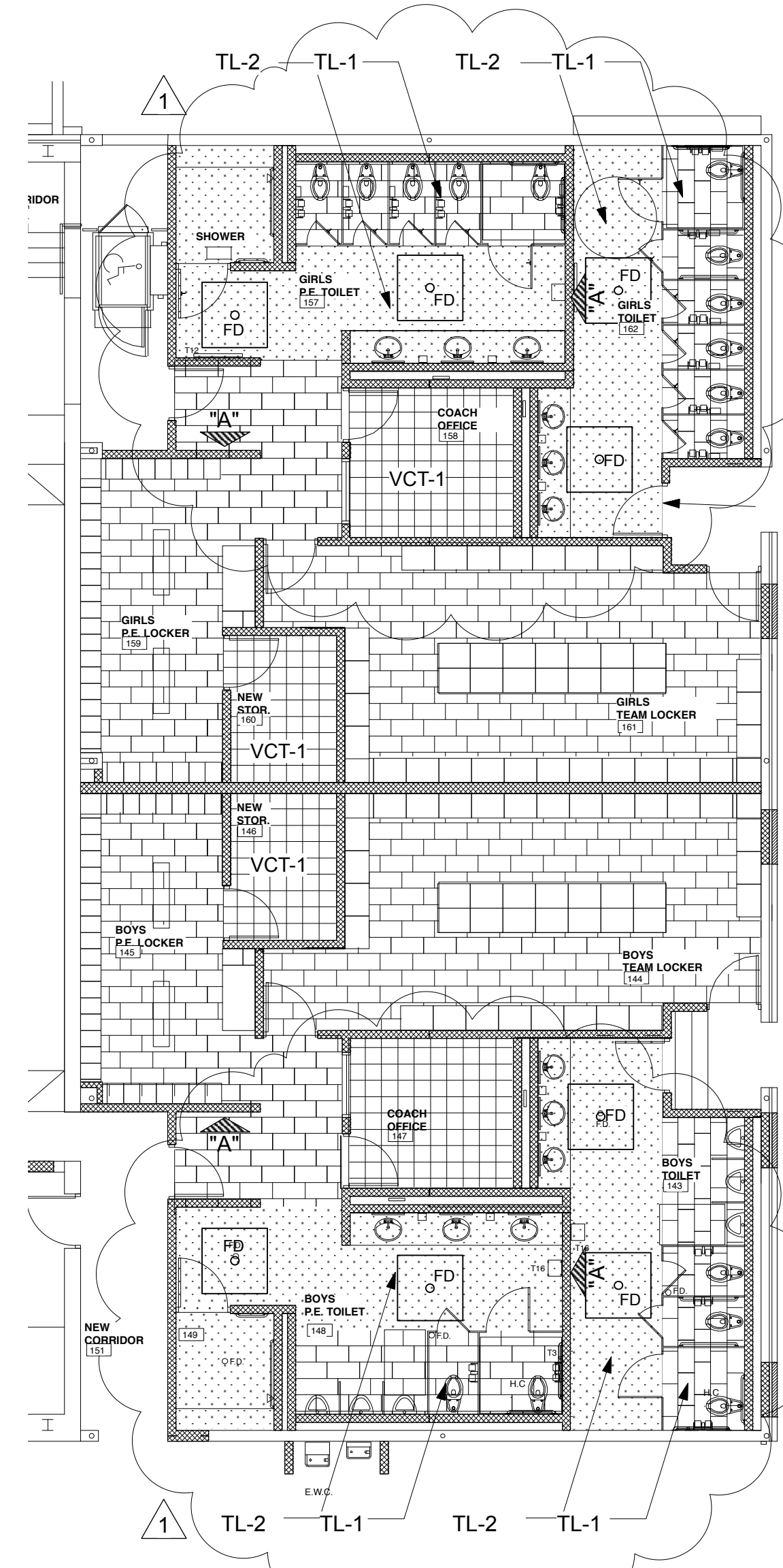
- REFLECTED CEILING PLAN NOTES:**
1. THE CONTRACTOR SHALL CONFIRM AND COORDINATE ALL MECHANICAL AND ELECTRICAL ITEMS.
  2. VERIFY CEILING CLEARANCES PRIOR TO BEGINNING GRID AND FIXTURE PLACEMENT.
  3. CENTER GRID AND DEVICES WHEREVER POSSIBLE.
  4. LAY-IN TILE TO HAVE 6" MINIMUM TILE WIDTH AT WALL EDGE.
  5. REINSTALL CEILING MOUNTED PROJECTORS.



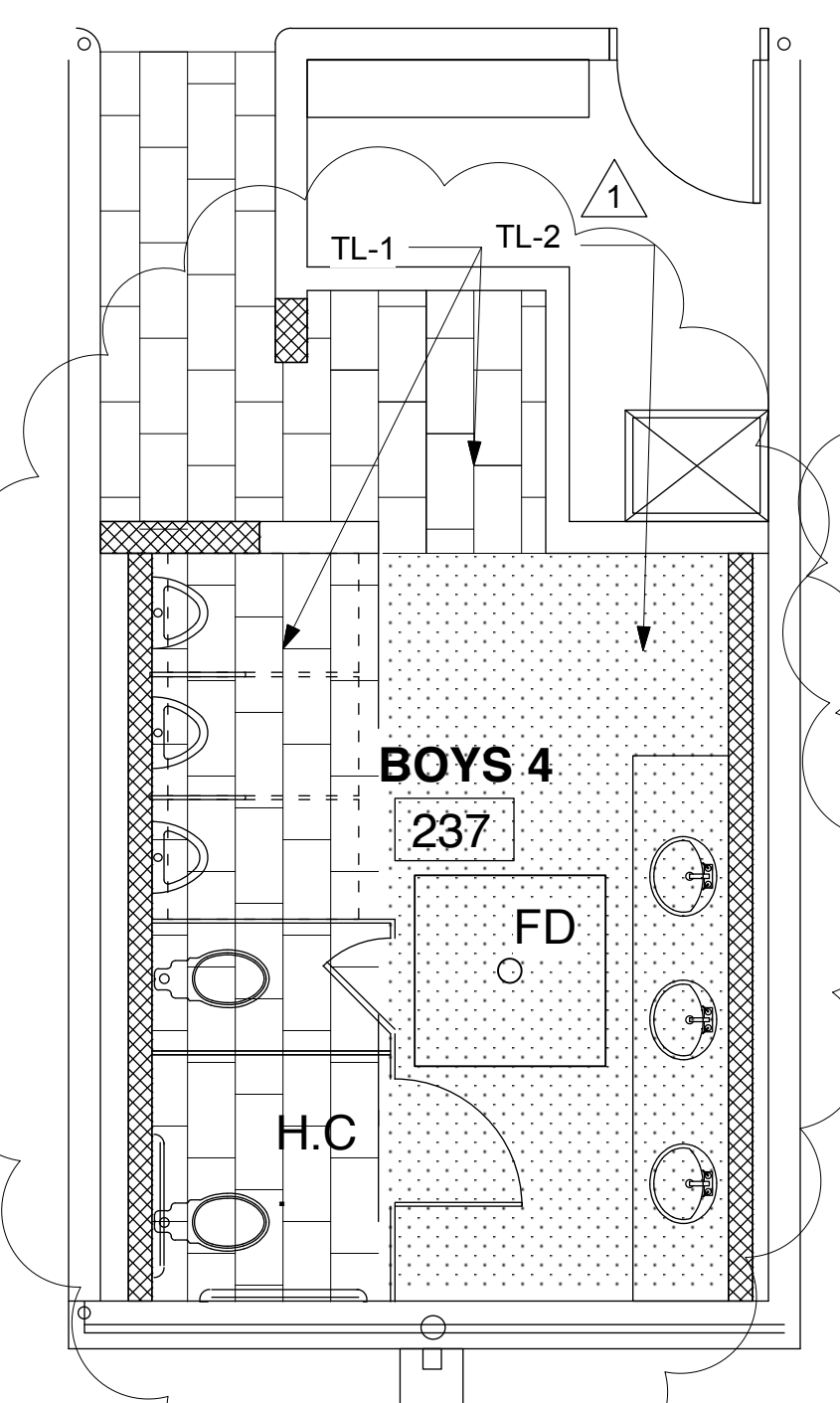




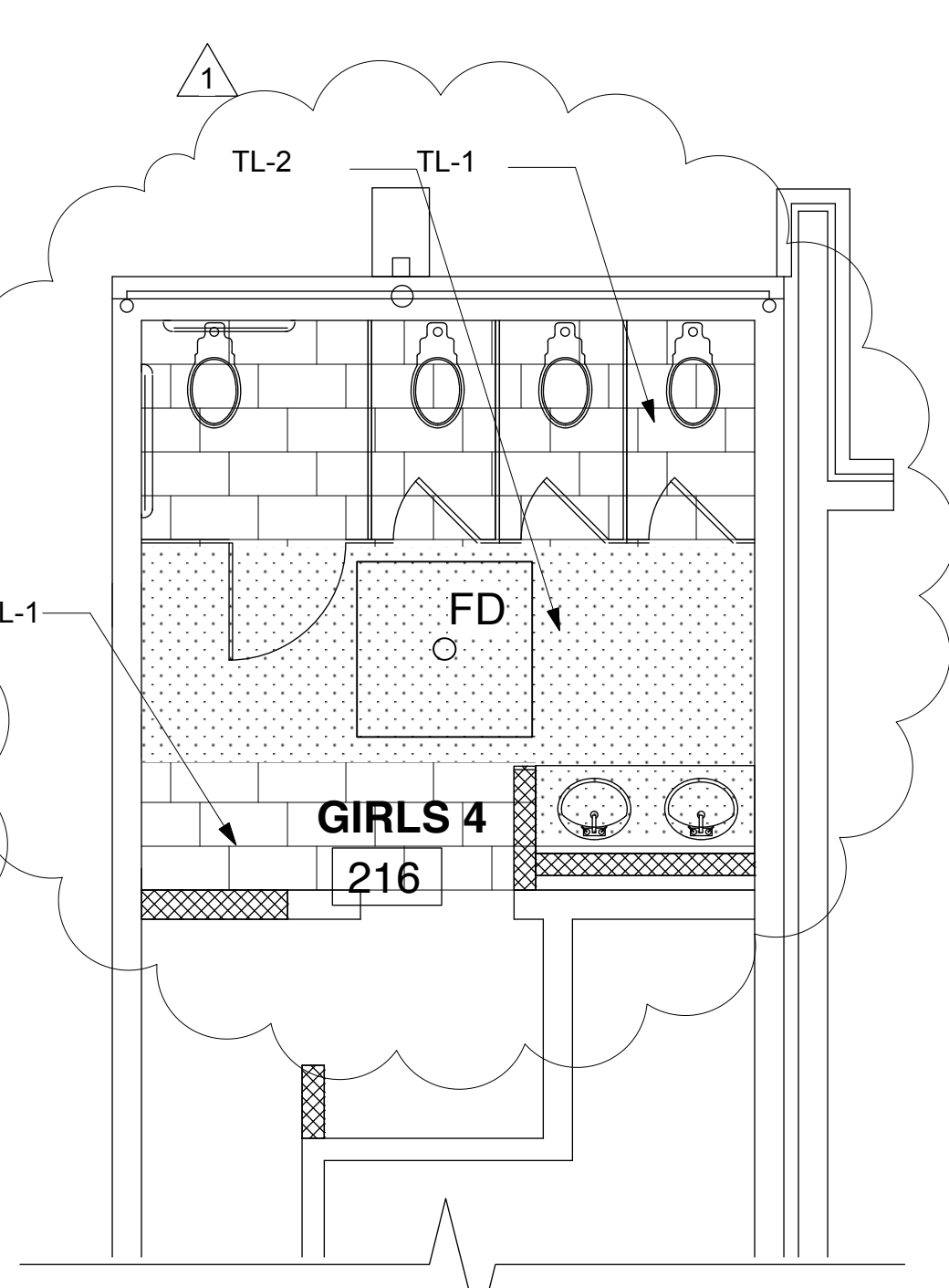
TRUE  
 PLAN NORTH  
**1 Renovation Floor Plan - Area A**  
 ID-101A scale: 1/8" = 1'-0"



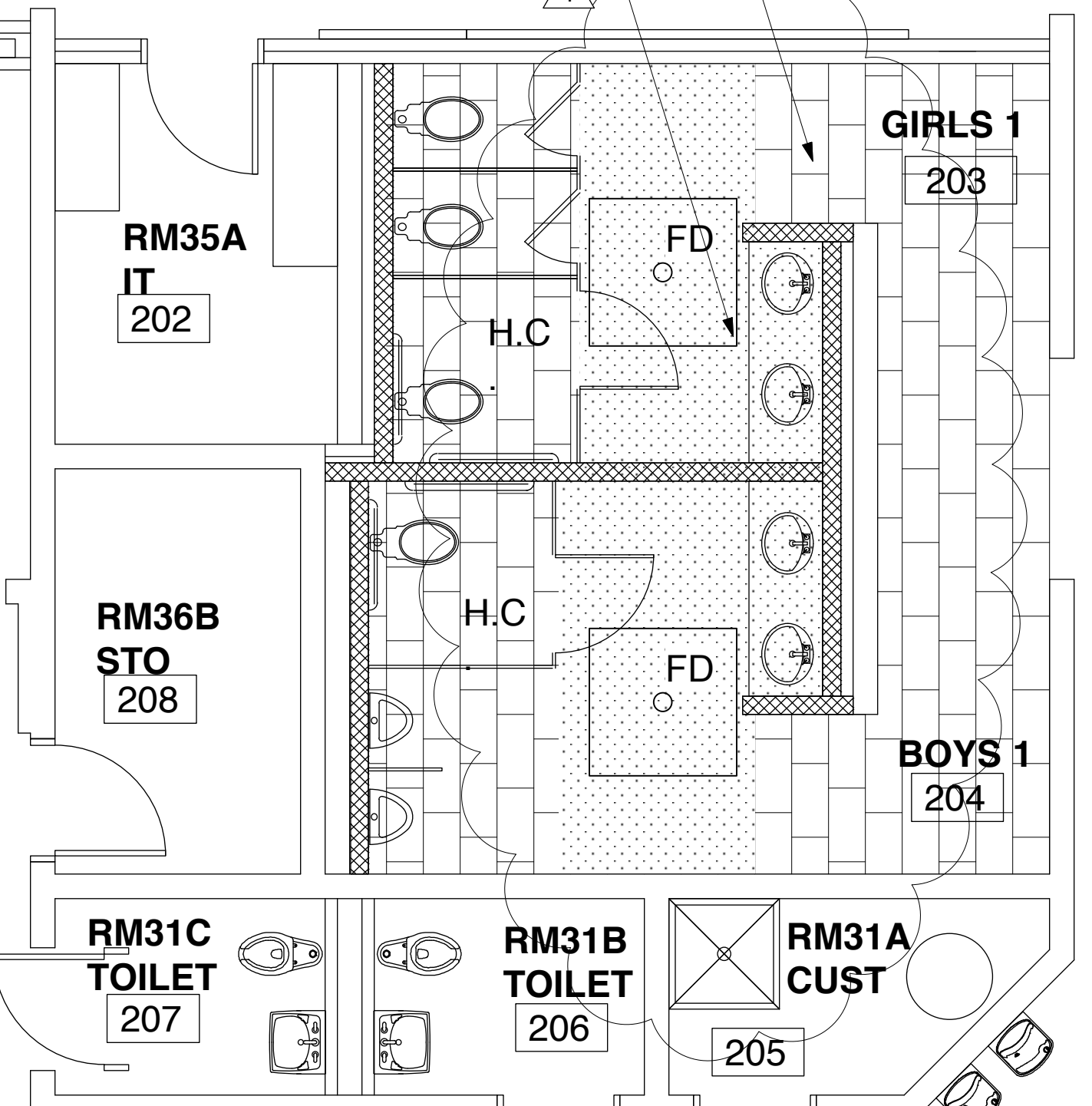
**2 Enlarged Locker & Toilet Plan & Elevation "A"**  
 ID-101A scale: 1/4" = 1'-0"



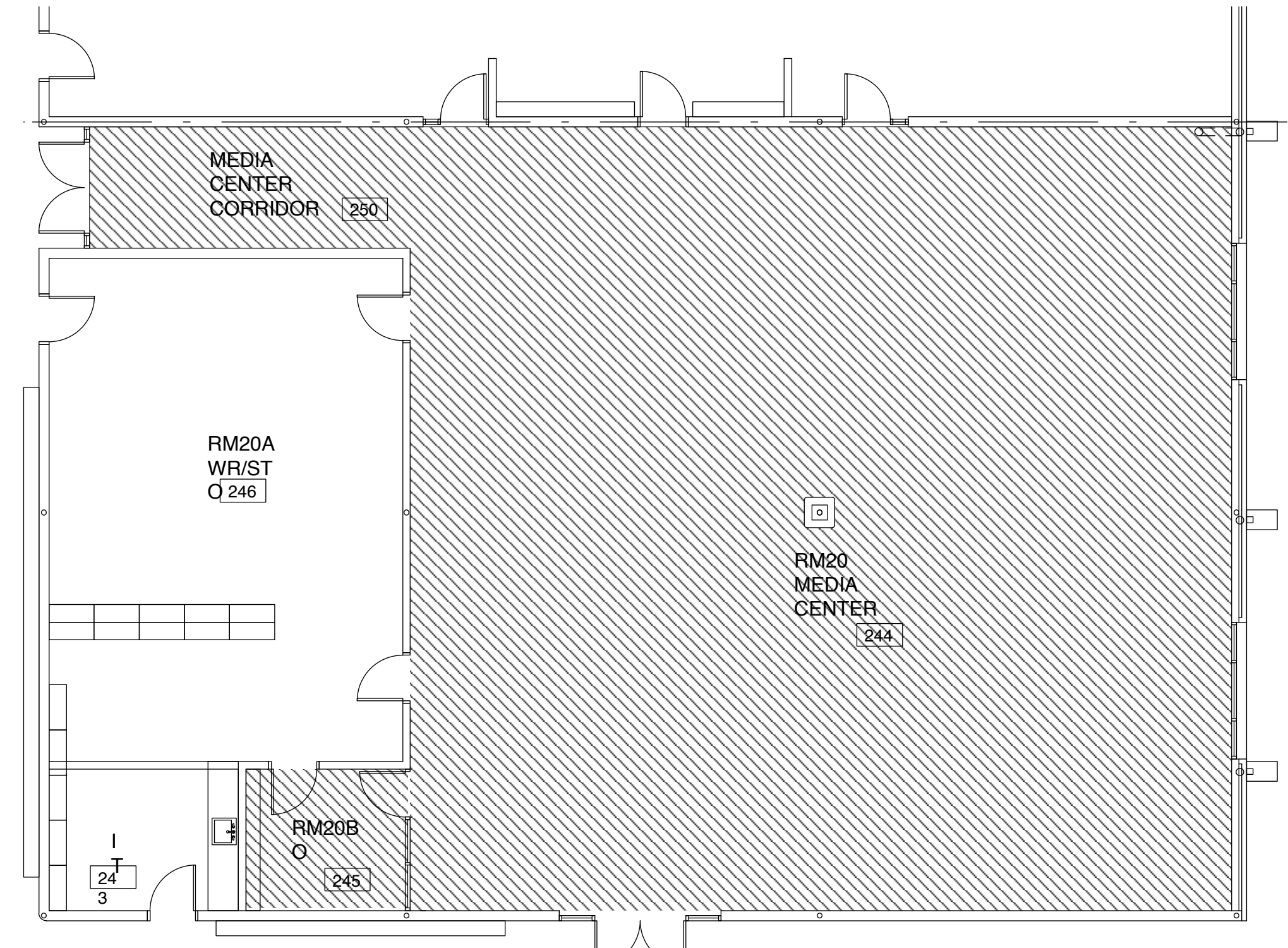
**3 Enlarged Boys 4 Plan**  
 ID-101A scale: 1/4" = 1'-0"



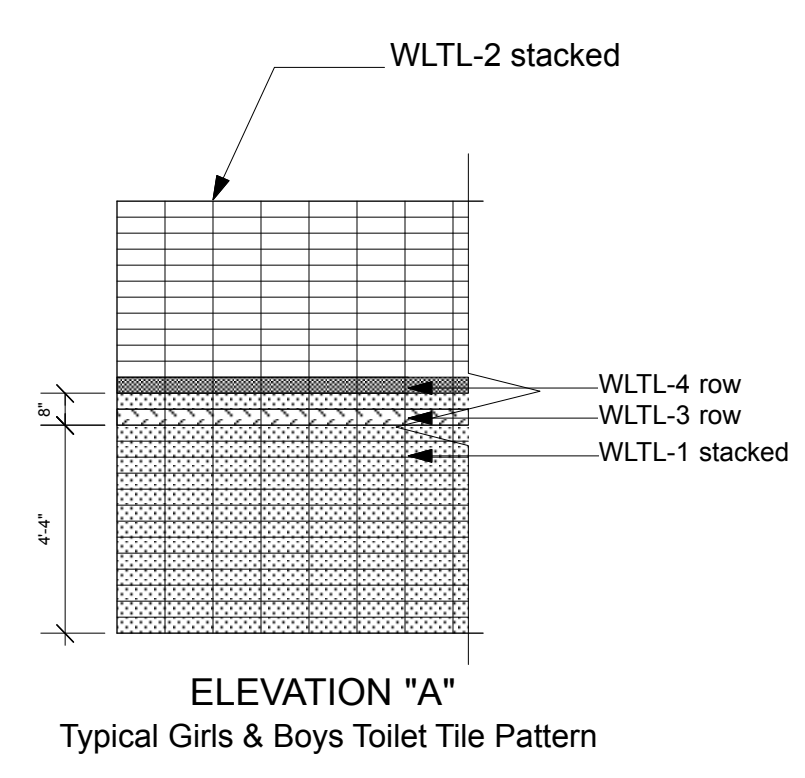
**4 Enlarged Girls 4 Plan**  
 ID-101A scale: 1/4" = 1'-0"



**5 Enlarged Boys 1 Plan**  
 ID-101A scale: 1/4" = 1'-0"



**6 Floor Pattern Plan - Media Center**  
 ID-101A scale: 1/8" = 1'-0"



**ELEVATION "A"**  
 Typical Girls & Boys Toilet Tile Pattern

Renovations and Additions to:  
**M.C.S. Noble Middle School**  
 6420 Market Street  
 Wilmington North Carolina 28405

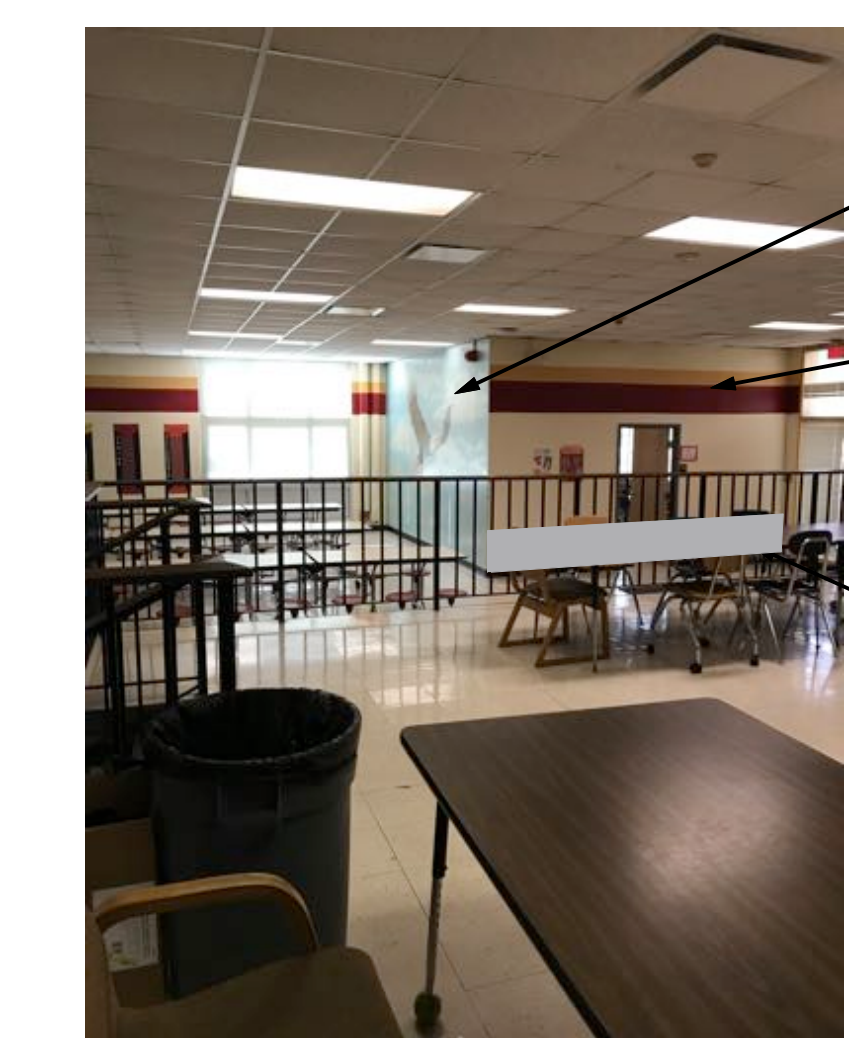
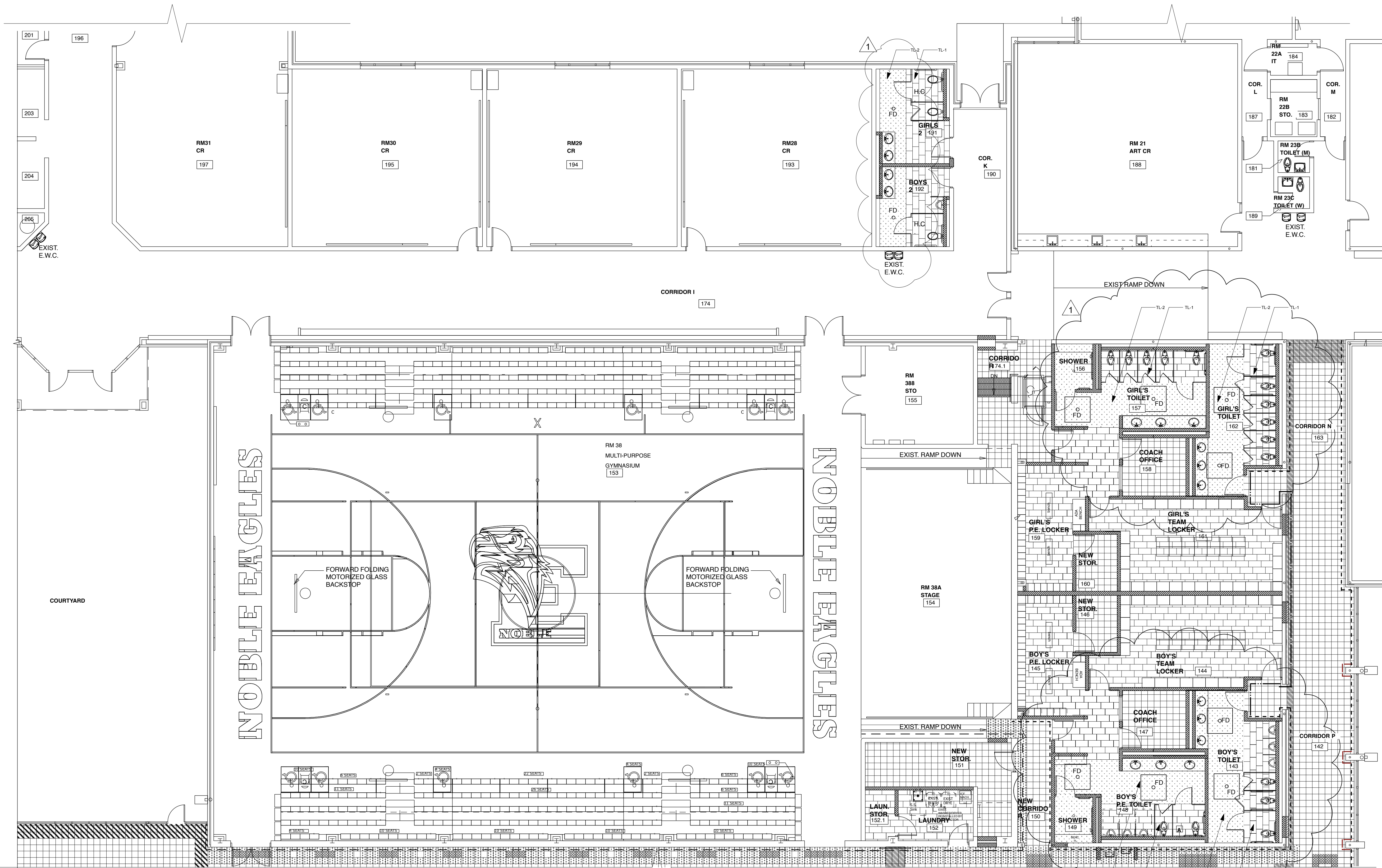
**INTERIOR DESIGN**  
**FLOOR PATTERN PLAN**  
**AREA A & ENLARGED**  
**LOCKERS & TOILETS**

JOB NUMBER  
 DRAWN BY JK/NLB  
 CHECKED BY JK  
 2-4-2019  
 REVISIONS DATE  
 ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019



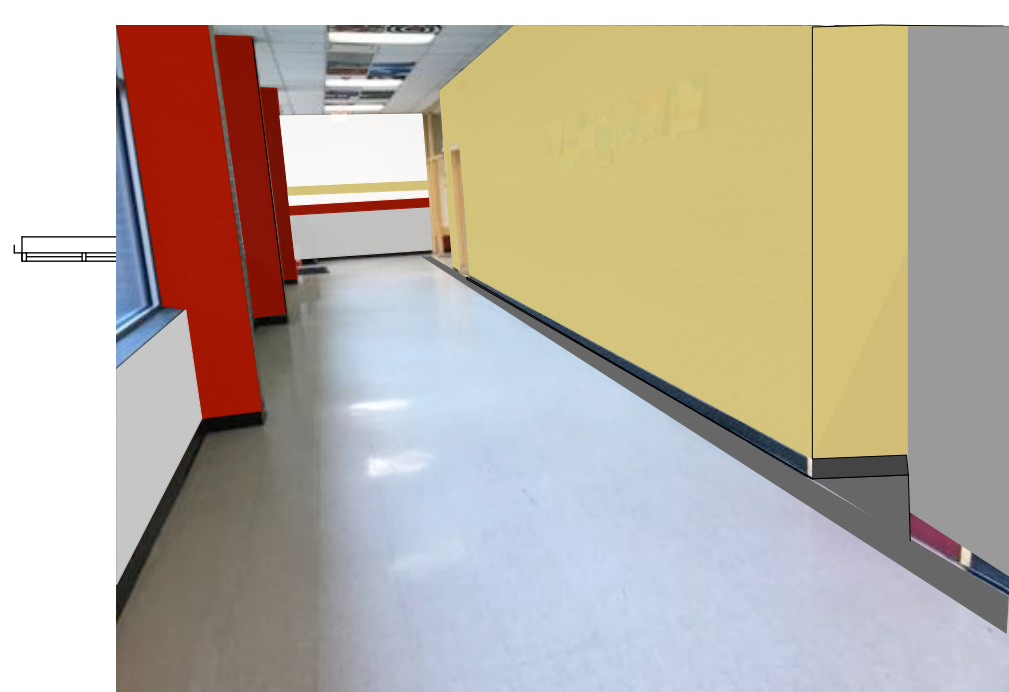
**1 Reference for GYM Painting scope**  
 ID-101B scale: 1/8" = 1'-0"

SEE NOTE UNDER REMARKS COLUMN. DESIGN INTENT IS TO REPAINT, BUT RECOGNIZING COST LIMITATIONS, WE ARE KEEPING COLOR CHANGES AT MINIMUM. EAST WALL WILL BE THE ONLY CHANGE IN PATTERN. ALL OTHER WALLS TO REMAIN THE SAME, WITH RED TO MATCH EXISTING WITH PT-1 (WHITE) ABOVE.



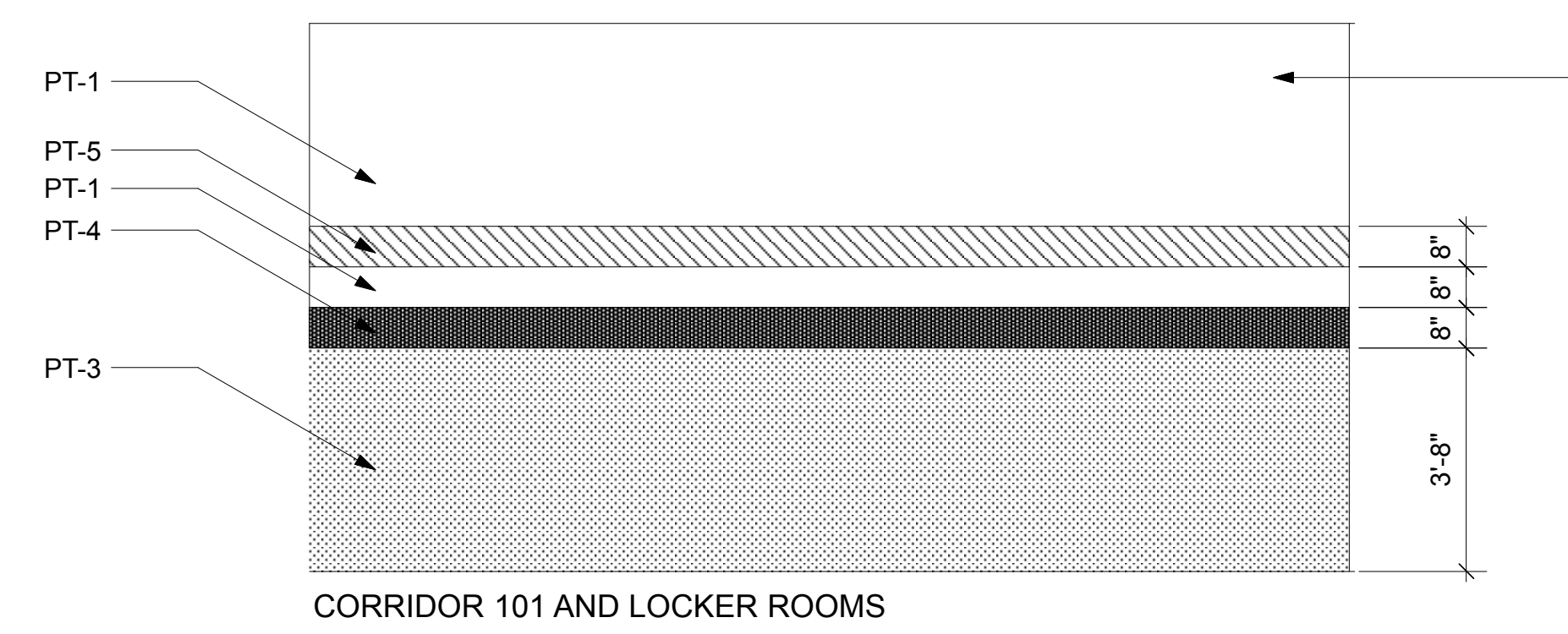
**3 Reference for Cafeteria Painting scope**  
 ID-101B not to scale

CONFIRM WITH SCHOOL TO LEAVE OR PAINT OVER MURAL.  
 PT-3 GRAY FROM FLOOR TO 40"H, THEN PT-1 WHITE BELOW RED STRIPE.

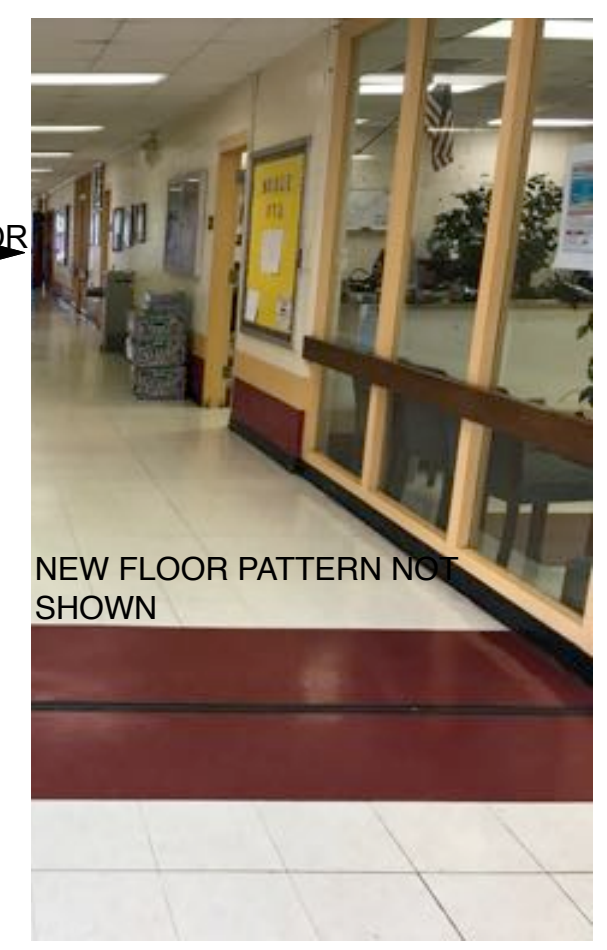


**4 Reference for Corridor P/142 Painting scope**  
 ID-101B not to scale

**2 Floor Pattern Plan - Area B**  
 ID-101B scale: 1/8" = 1'-0"



**5 Reference for Corridor A Painting scope**  
 ID-101B scale: 1/8" = 1'-0"



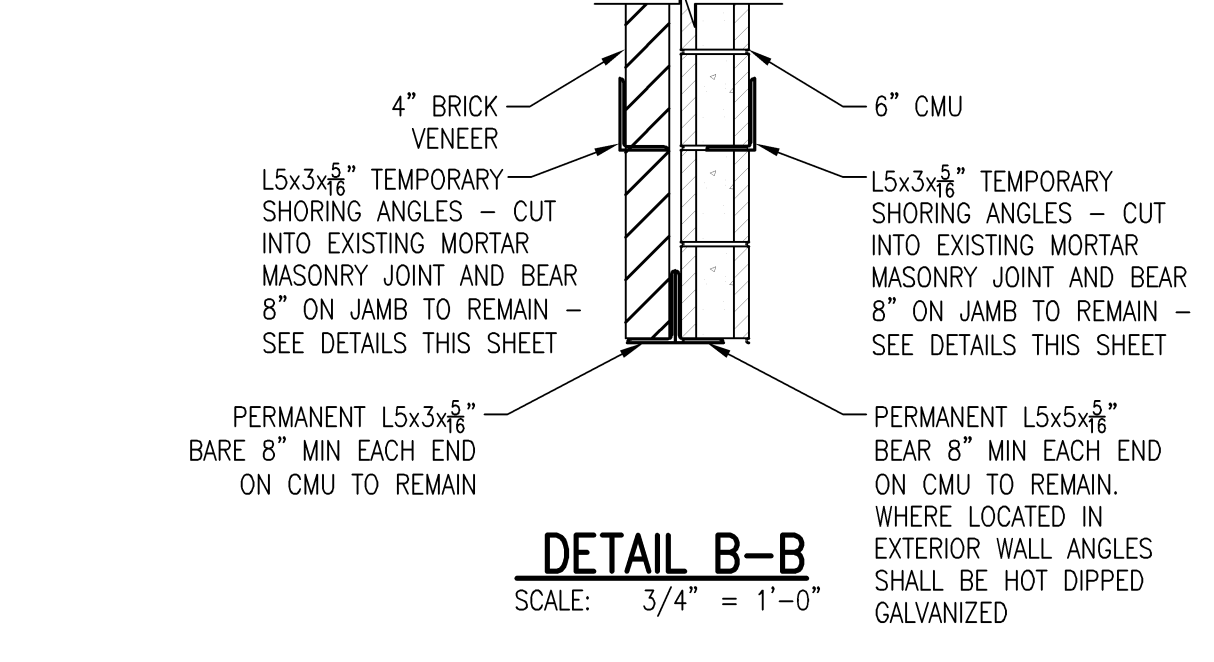
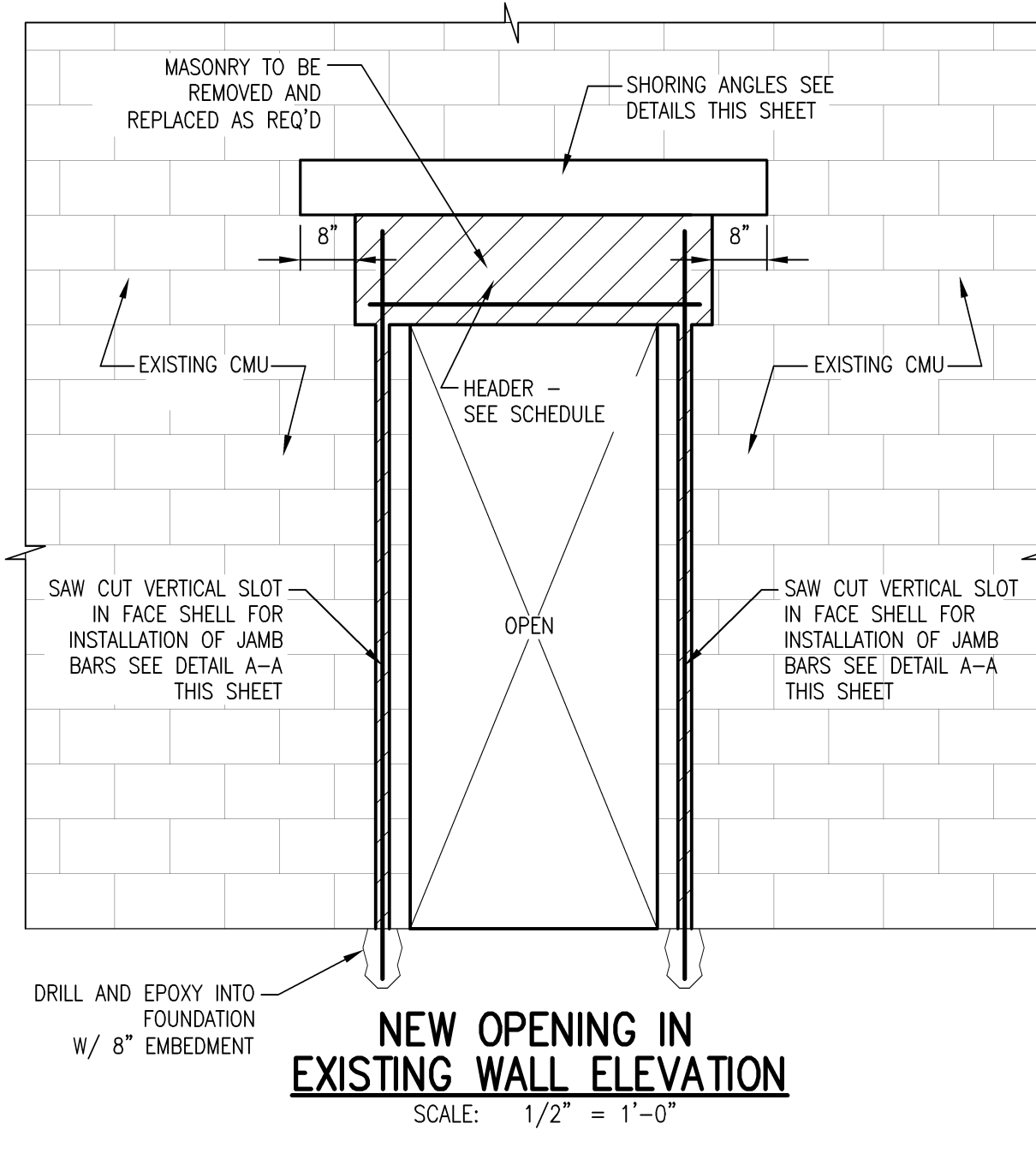
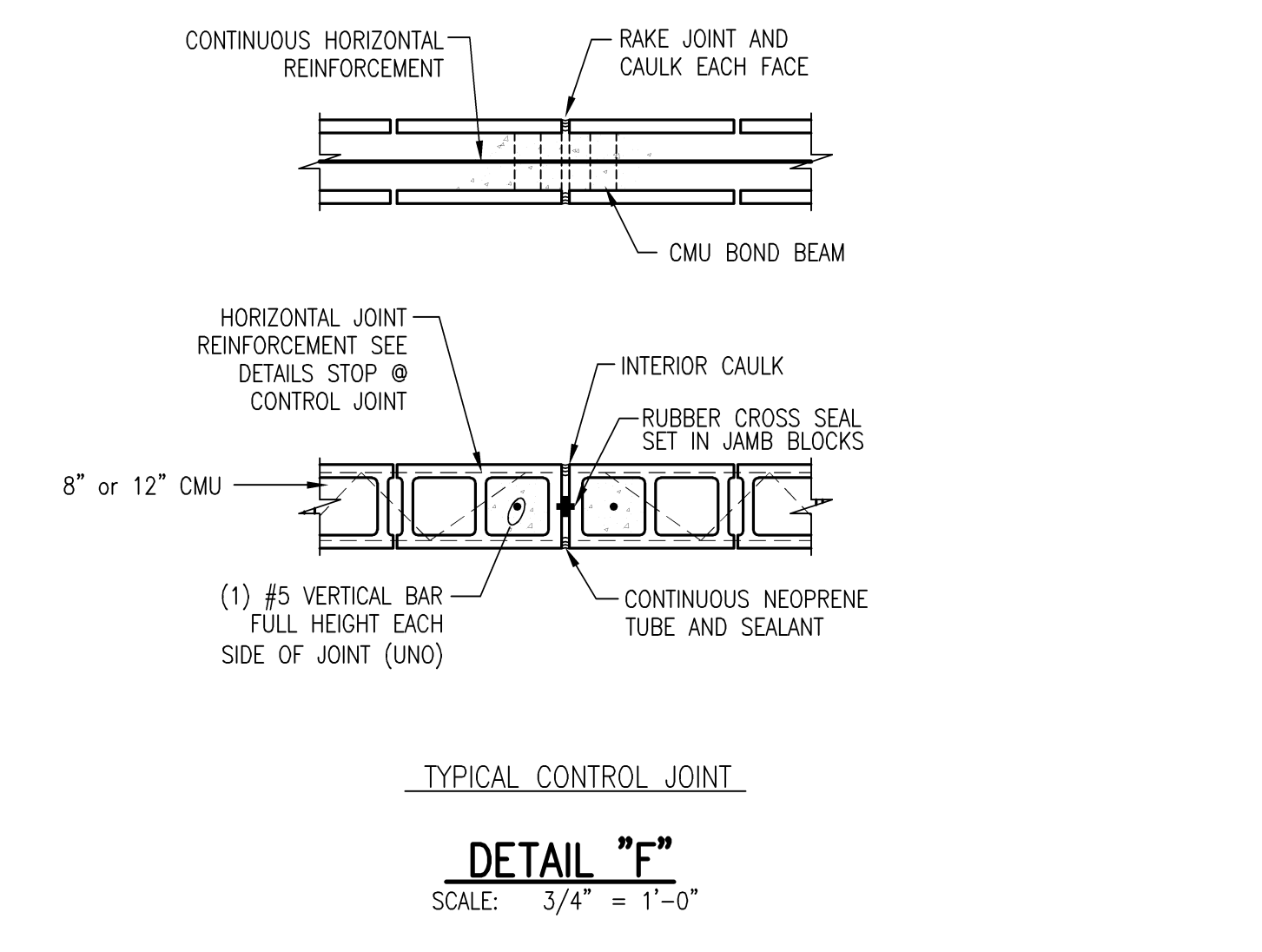
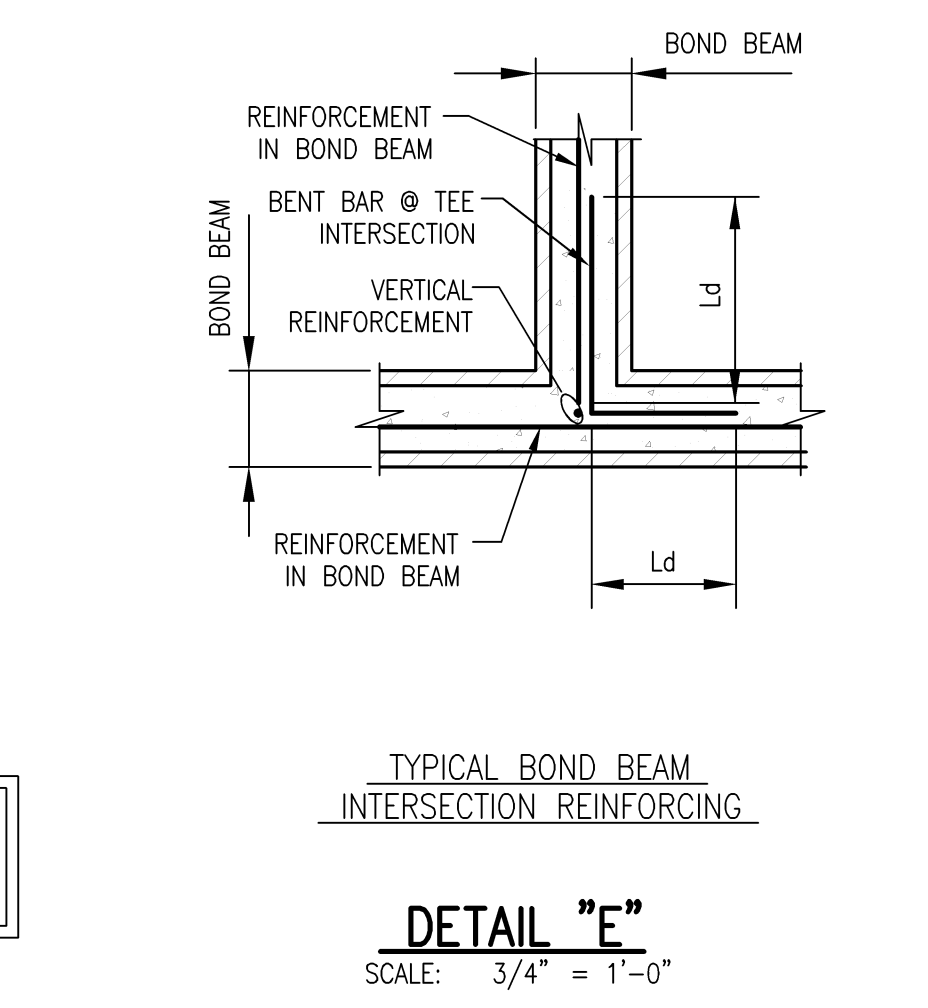
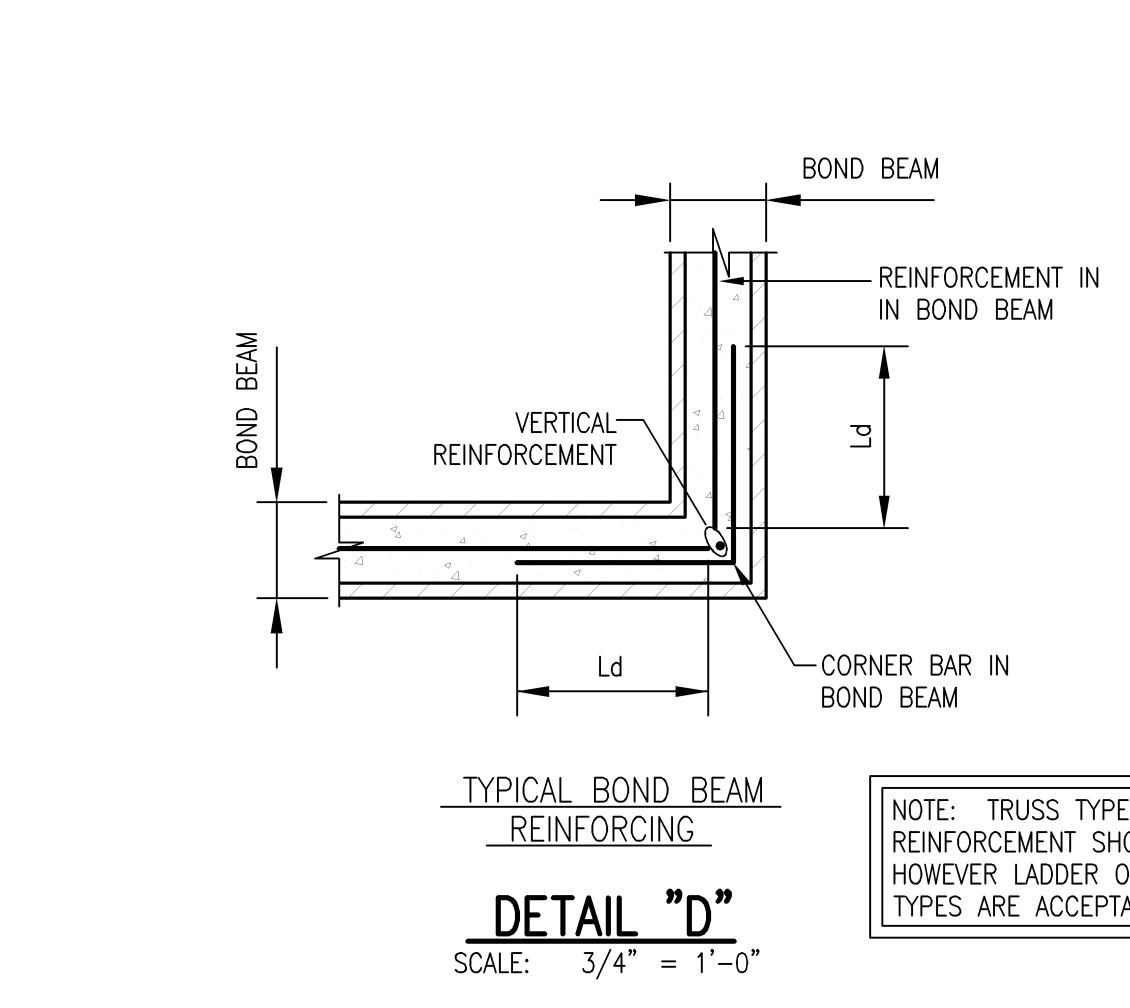
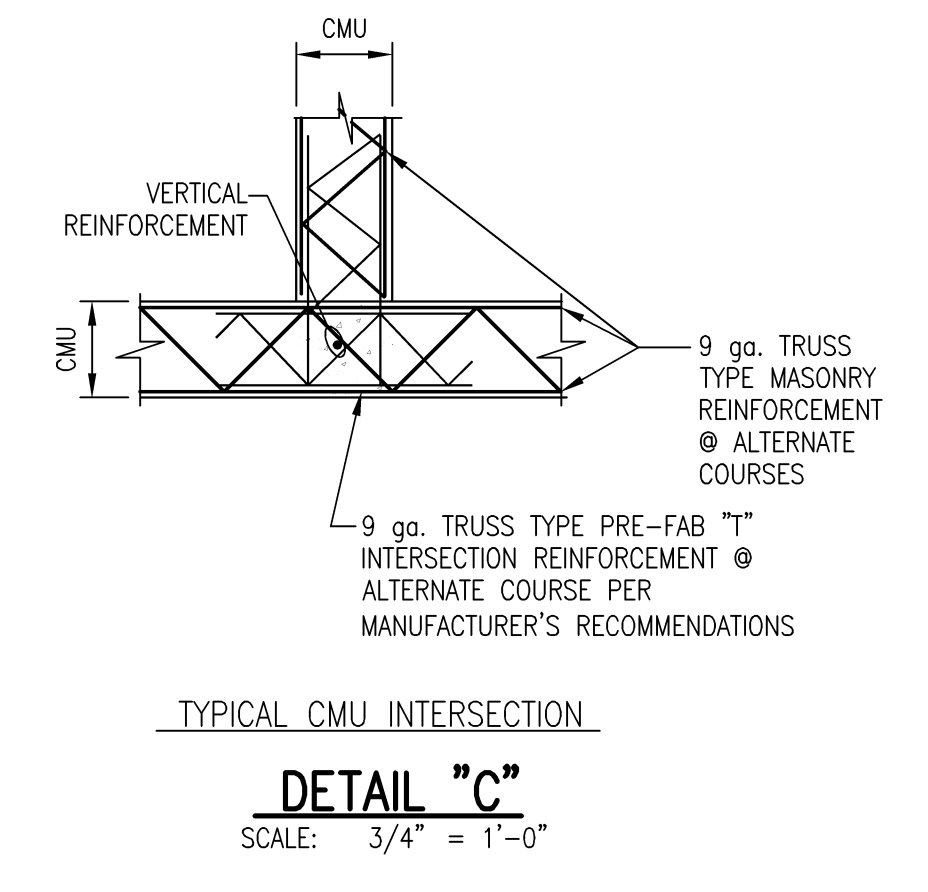
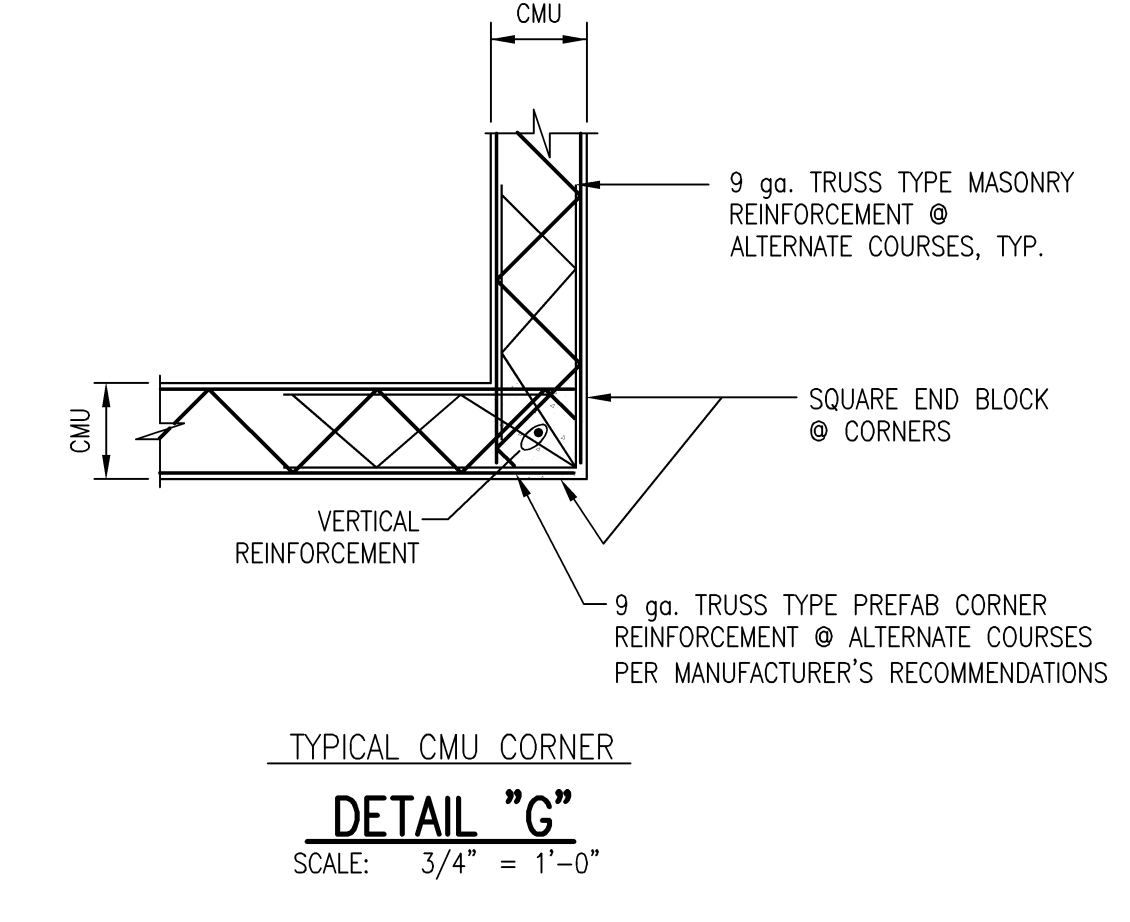
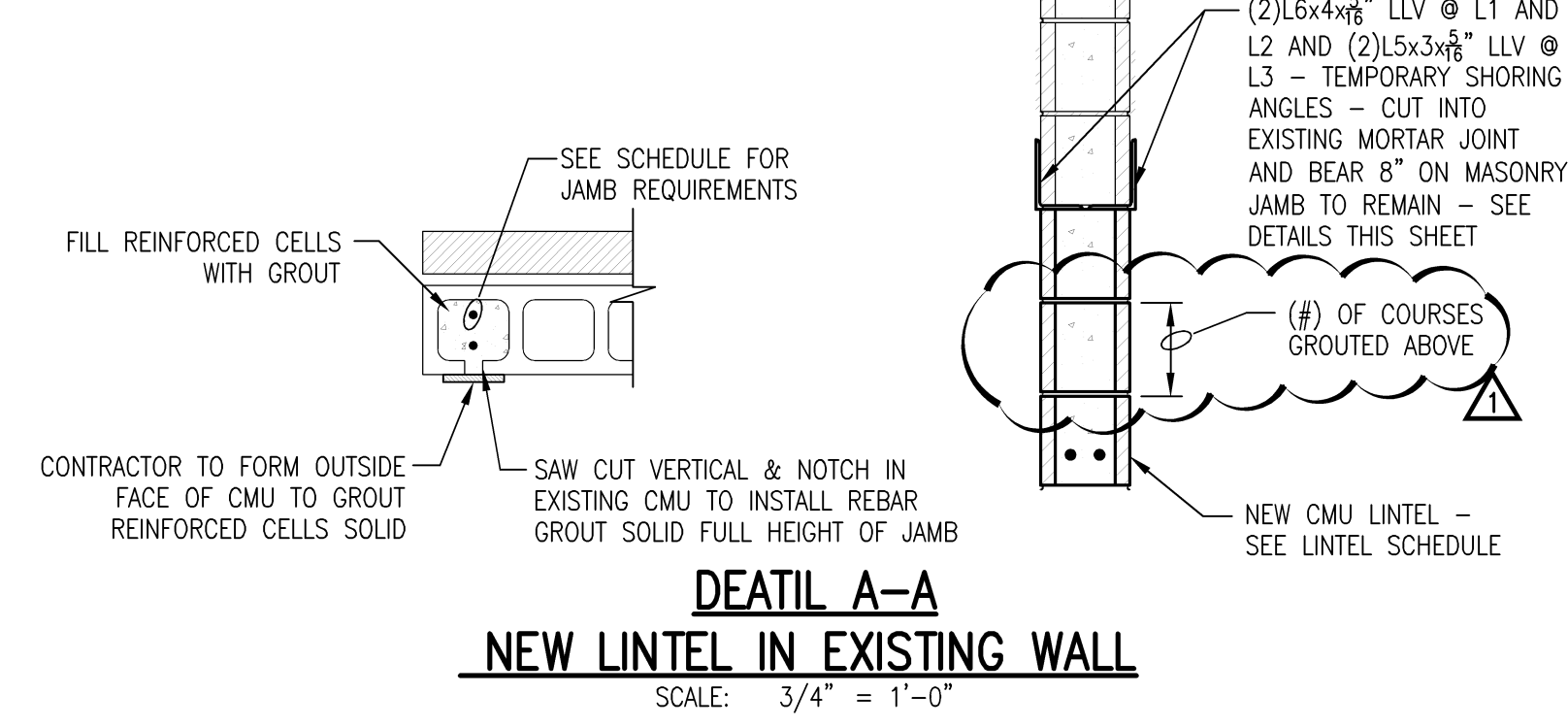
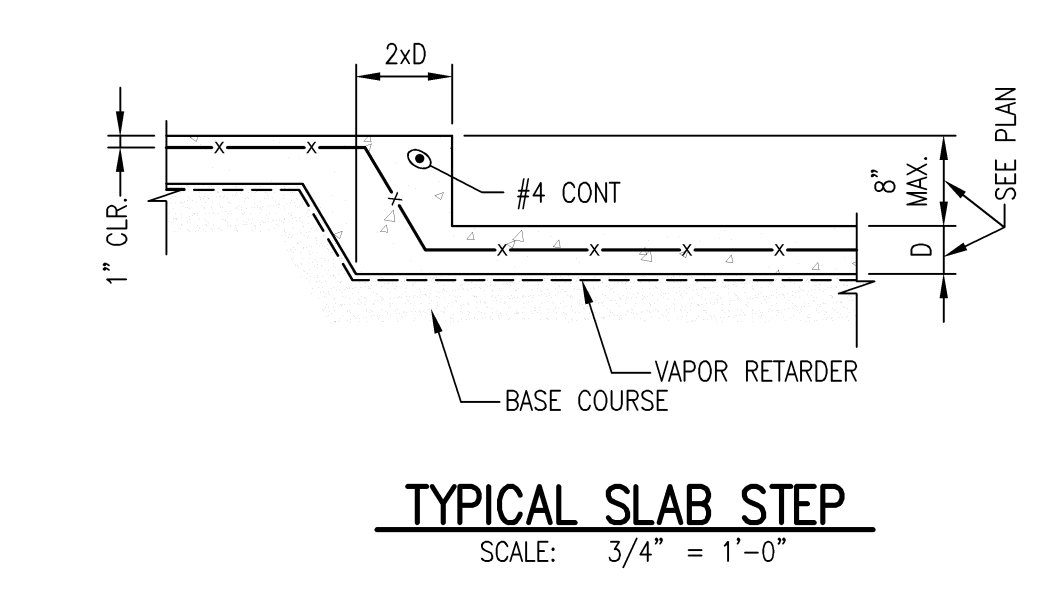
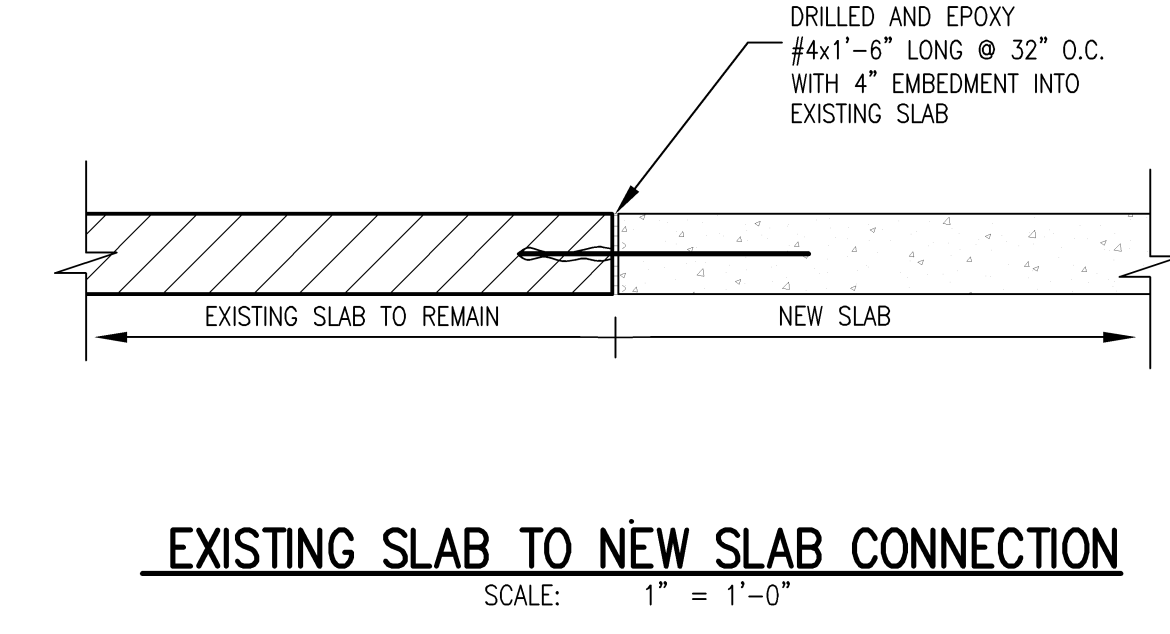
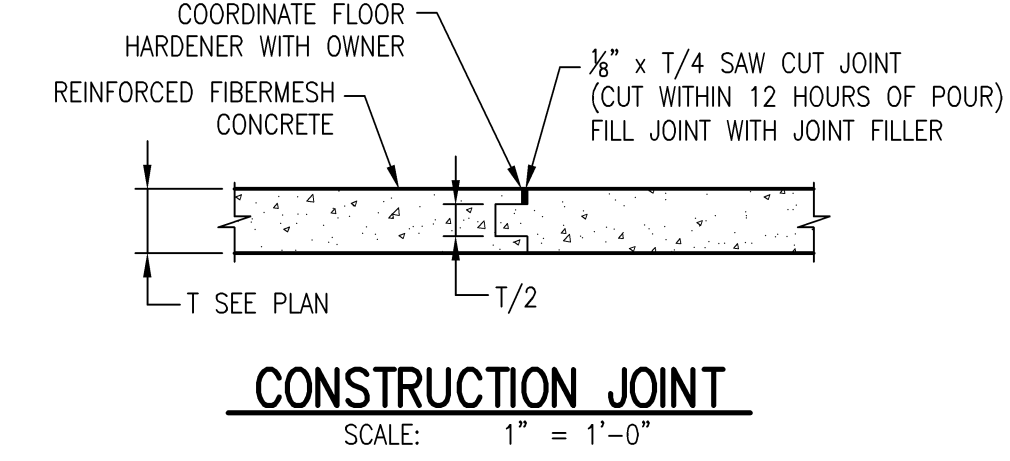
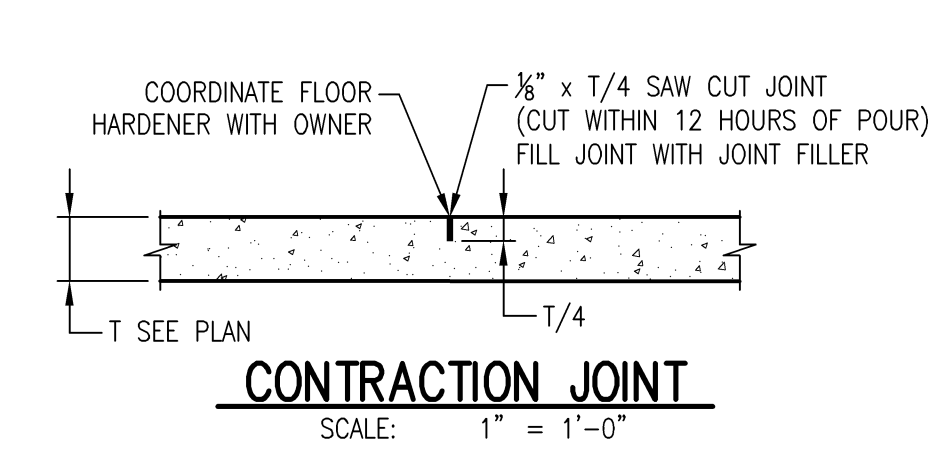
**PAINT LEGEND. SEE ALSO FINISH SCHEDULE & SCOPE DRAWINGS**

- STRIPE CORRIDOR A AND LOCKER ROOMS
- SOLID YELLOW (PT-5) FLOOR TO CEILING
- SOLID GRAY (PT-3) FLOOR TO CEILING
- SOLID RED (PT-4) FLOOR TO CEILING

**FLOORING LEGEND**

VCT-1	VCT-5	TL-1
VCT-2	CPT-1	TL-2
VCT-3	CPT-2	
VCT-4	CPT-3	





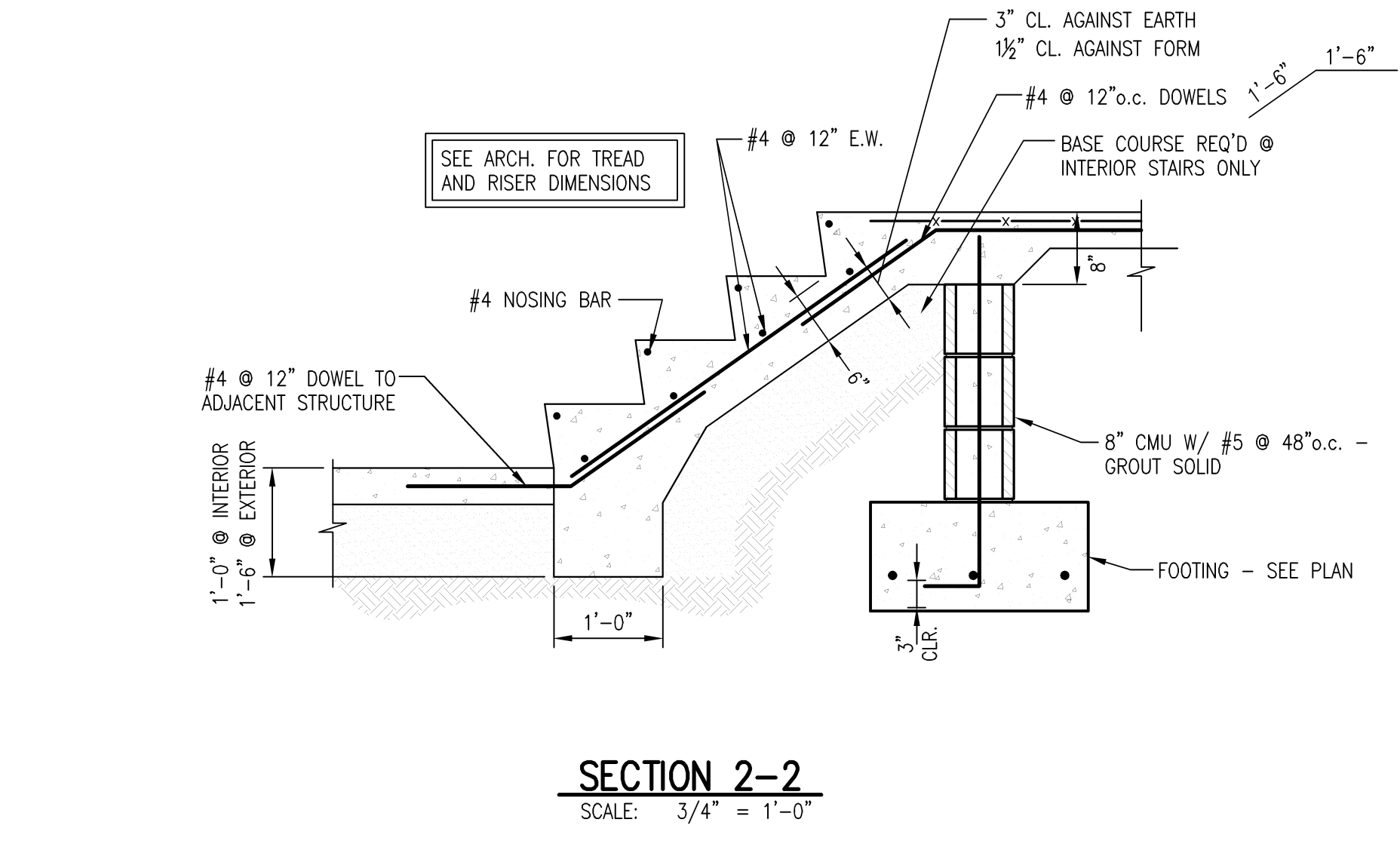
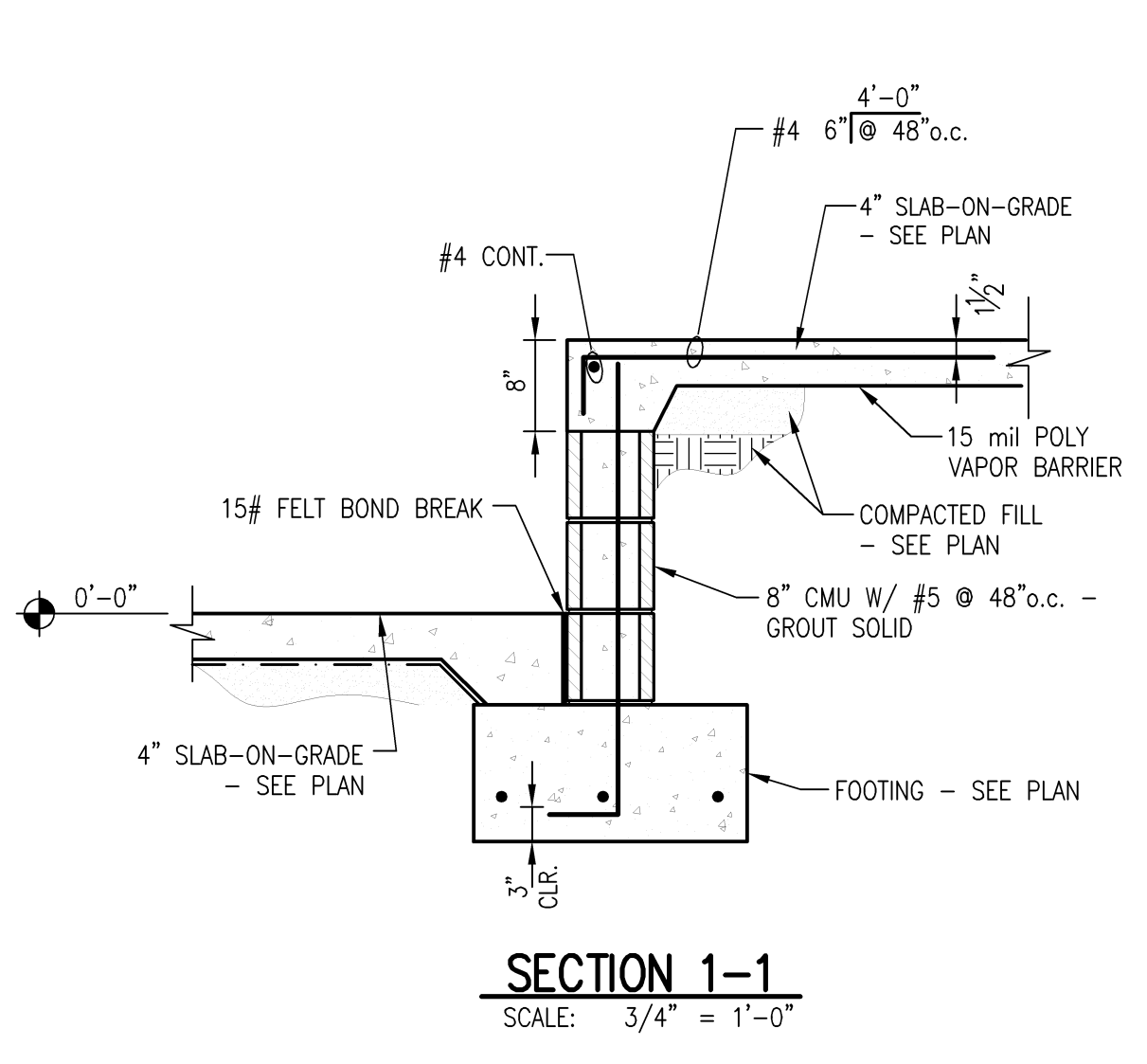
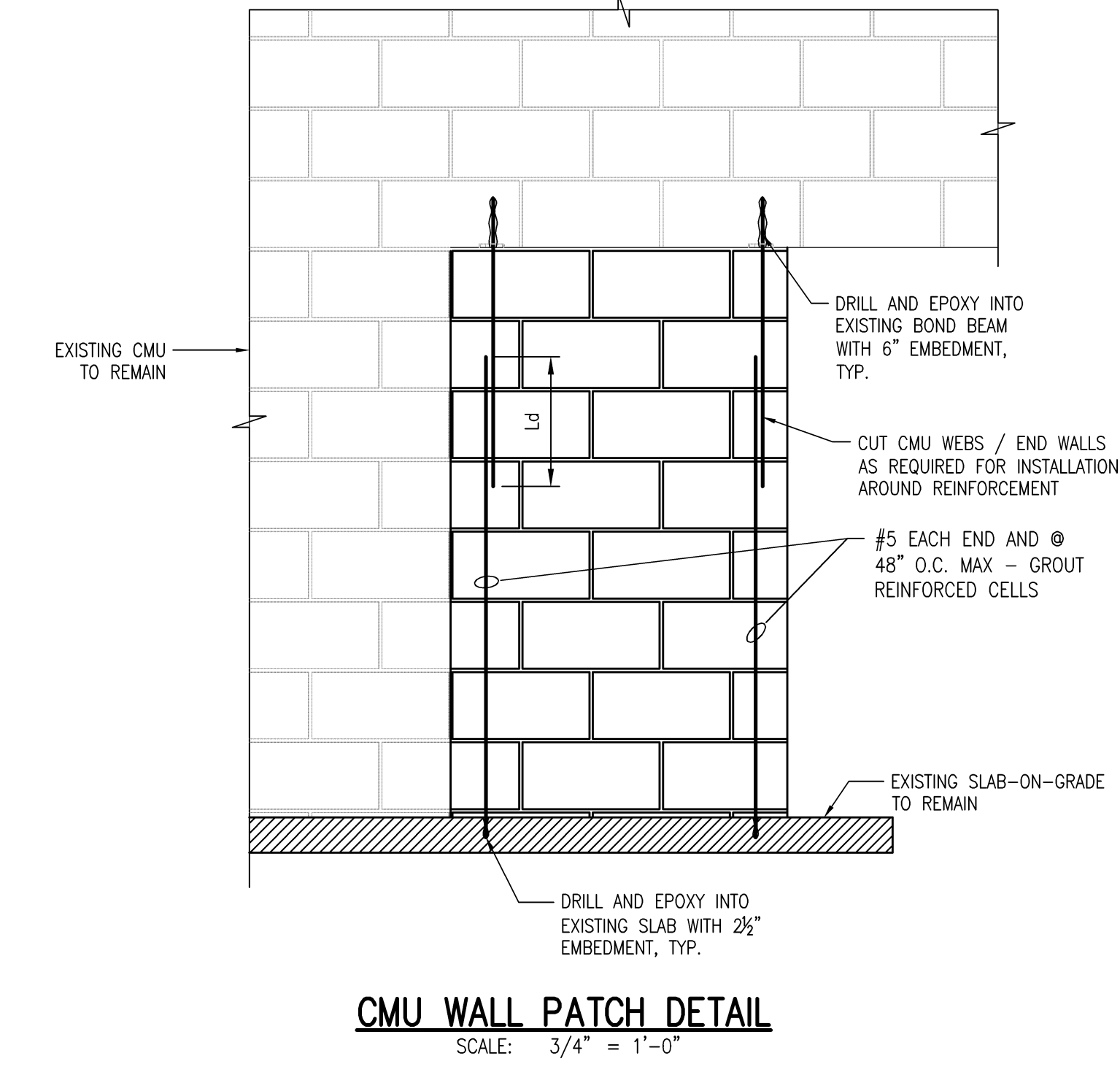
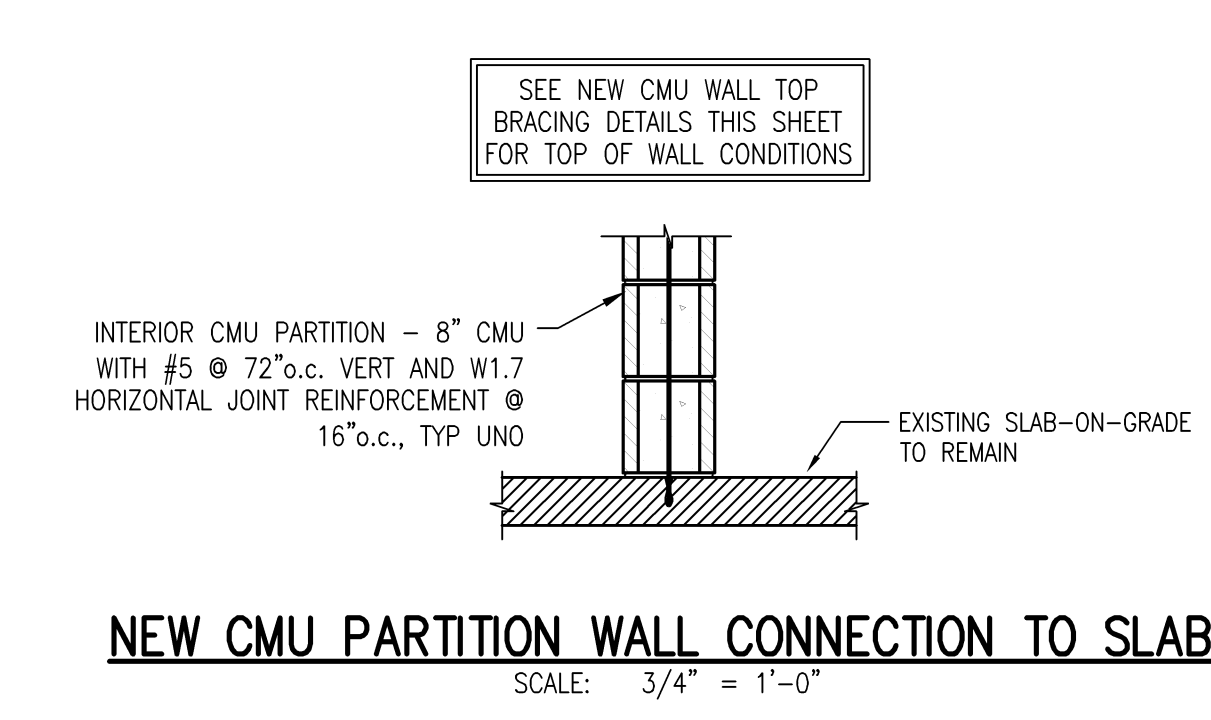
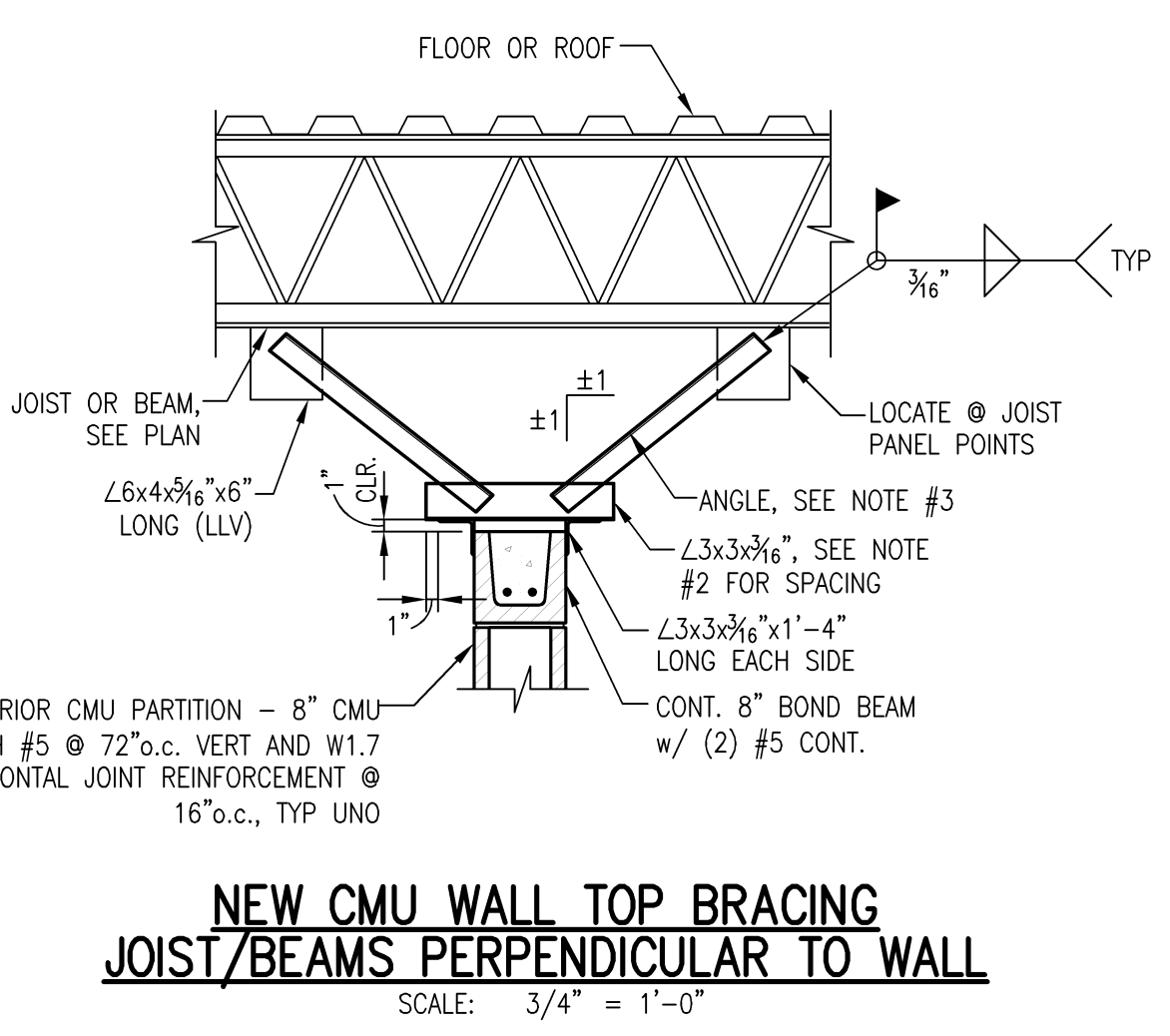
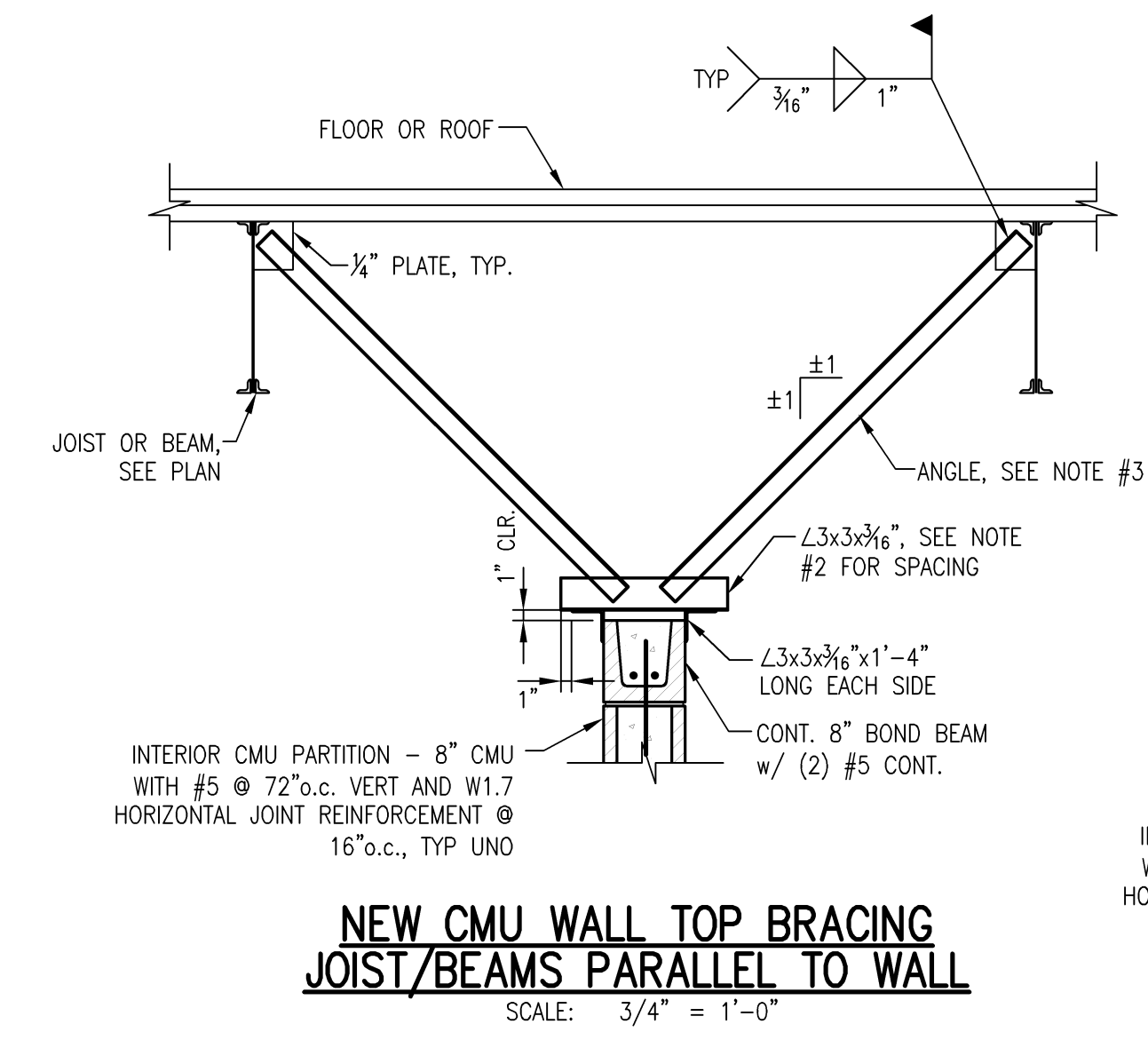
**LINTEL SCHEDULE**

MARK	WALL (Ø) THICKNESS	BOND BEAM REINFORCING	JAMB REINFORCING	# OF COURSES GROUTED ABOVE	REMARK
L1	8" CMU	(1) #5	(1) #5 INT. (2) #5 EXT.	(1)	DETAIL A-A
L2	12" CMU	(1) #5	(1) #5 INT. (2) #5 EXT.	(1)	DETAIL A-A
L3	6" CMU	(1) #5	(1) #5 INT.	(1)	DETAIL A-A
L4	6" CMU + 4" VENEER	SEE DETAIL B-B	N/A	N/A	SEE DETAIL B-B

- NOTES:  
1. 8" BEARING EACH END  
2. GROUT ALL JAMBS SOLID  
3. INT - INTERIOR WALL  
EXT - EXTERIOR WALL  
4. IF IN SITU WALL THICKNESS DIFFERS FROM SCHEDULE PLEASE NOTIFY ENGINEER OF RECORD  
5. ALL NEW LINTELS ARE ASSUMED TO BE LOCATED IN NON-LOAD BEARING WALLS BASED ON EXISTING DRAWINGS. IF ACTUAL FIELD CONDITION INDICATES WALLS ARE LOAD BEARING NOTIFY ENGINEER OF RECORD

- LOCATE CMU CONTROL JOINTS AS FOLLOWS:**
- AT MAXIMUM SPACING OF 25' OR 3 TIMES THE WALL HEIGHT. COORDINATE CONTROL JOINT LOCATIONS W/ ARCHITECTURAL PLANS.
  - AT ALL ABRUPT CHANGES IN WALL HEIGHT.
  - AT ALL CHANGES IN WALL THICKNESS, SUCH AS AT PIPE AND DUCT CHASES AND ADJACENT TO COLUMNS OR PILASTERS.
  - CENTERED OVER JOINTS IN FOUNDATIONS AND FLOORS.
  - CENTERED BELOW JOINTS IN ROOFS AND FLOORS THAT BEAR ON CMU WALLS.
  - AT A DISTANCE NOT OVER ONE-HALF THE REQUIRED JOINT SPACING FROM BONDED WALL INTERSECTIONS, CORNERS OR CHANGES IN WALL DIRECTION.
  - DO NOT PROVIDE CONTROL JOINTS IN CMU SHEAR WALLS.

- TOP OF CMU WALL BRACING NOTES:**
- THESE DETAILS APPLY WHERE THE DISTANCE BETWEEN INTERSECTING WALLS EXCEEDS 8'-0" FOR 8" CMU OR LARGER, 6'-0" FOR 6" CMU.
  - SPACE BRACES @ 10'-0" o.c. FOR 8" CMU AND 8'-0" o.c. FOR 6" CMU.
  - USE  $\angle 2 \times 2 \times \frac{3}{16}$ " FOR LENGTHS LESS THAN 6'-0", USE  $\angle 3 \times 3 \times \frac{3}{16}$ " FOR LENGTHS BETWEEN 6'-0" AND 9'-0" AND USE  $\angle 4 \times 4 \times \frac{1}{4}$ " FOR LENGTHS BETWEEN 9'-0" AND 12'-0".
  - SEE ARCHITECTURAL DRAWINGS FOR TOP OF WALL ELEVATIONS.



**NON LOAD BEARING CMU LINTEL SCHEDULE FOR NEW CMU WALLS**

CLEAR OPENING	DEPTH	REINFORCING			MIN. BRG.
		6" CMU	8" CMU	12" CMU	
0'-8" TO 3'-4"	8"	1#4	1#4	2#5	8"
3'-4" TO 4'-8"	8"	1#4	1#4	2#5	8"
4'-8" TO 6'-0"	8"	1#4	1#5	2#5	8"
6'-0" TO 8'-0"	8"	1#4	2#5	2#5	8"
8'-0" TO 10'-0"	16"	1#4	2#5	2#5	12"
10'-0" TO 12'-0"	16"	-	-	2#5	12"

- NOTES:  
1. BEAR REINFORCING 4" (MIN) EACH END.  
2. FILL BLOCK CORES WITH GROUT TO A DEPTH OF 48"(MIN) BELOW LINTEL BEARING.  
3. SEE SCHEDULE FOR LINTELS FOR CLEAR SPANS OVER 12" AND LINTELS SUPPORTING FLOOR OR ROOF LOADS.  
4. THESE LINTELS ARE NOT DESIGNED FOR MASONRY WALLS THAT CARRY FLOOR OR ROOF LOAD.

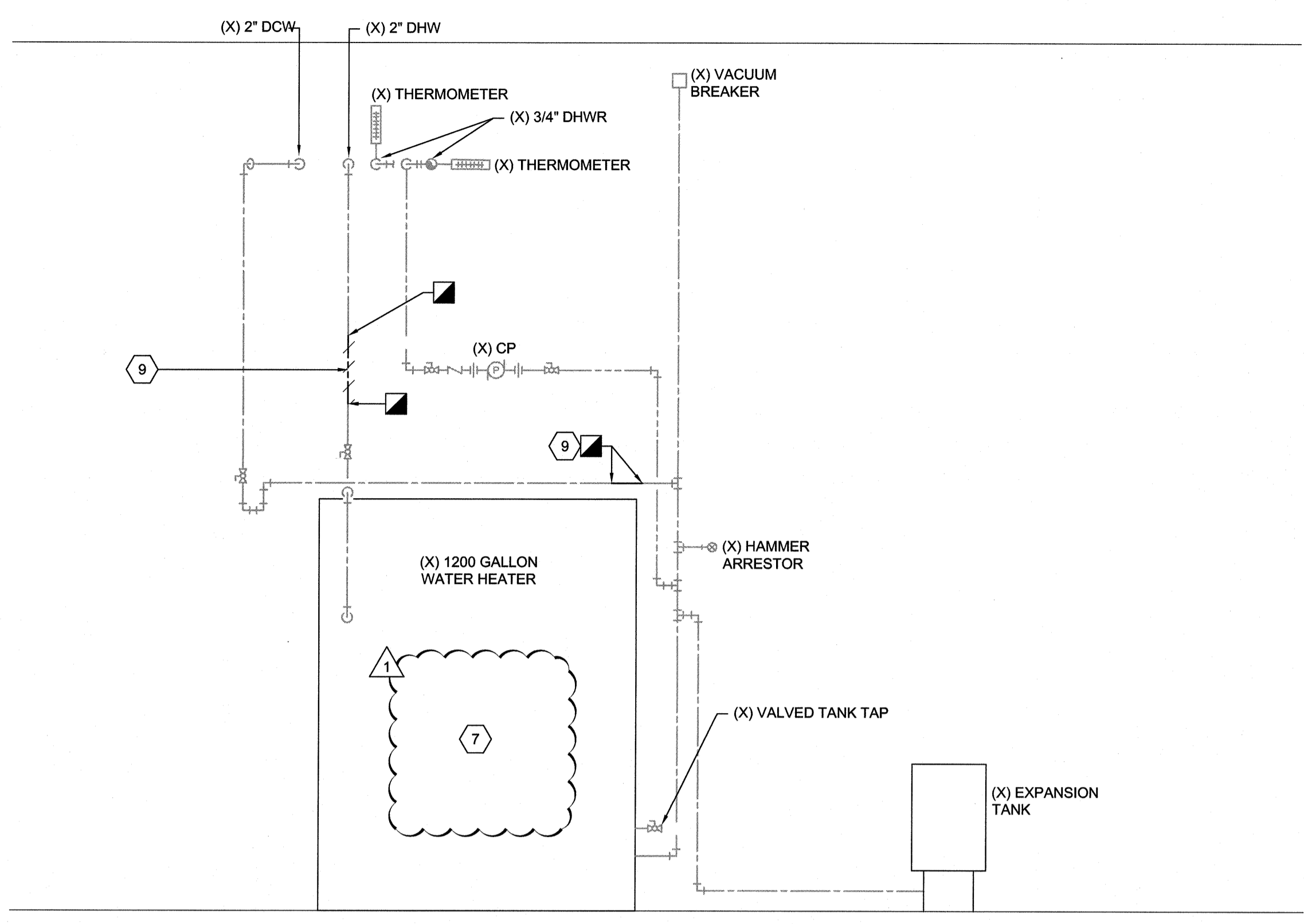
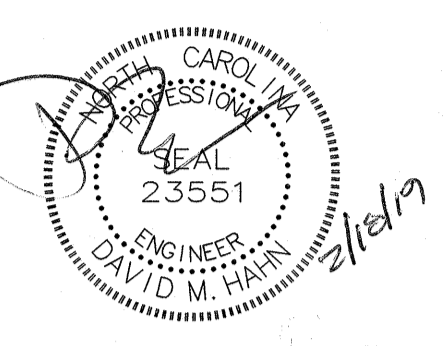
**Renovations to:**  
**M.C.S. Noble Middle School**  
**6520 Market Street**  
**Wilmington, North Carolina 28405**

CONSTRUCTION SET 12-21-2018

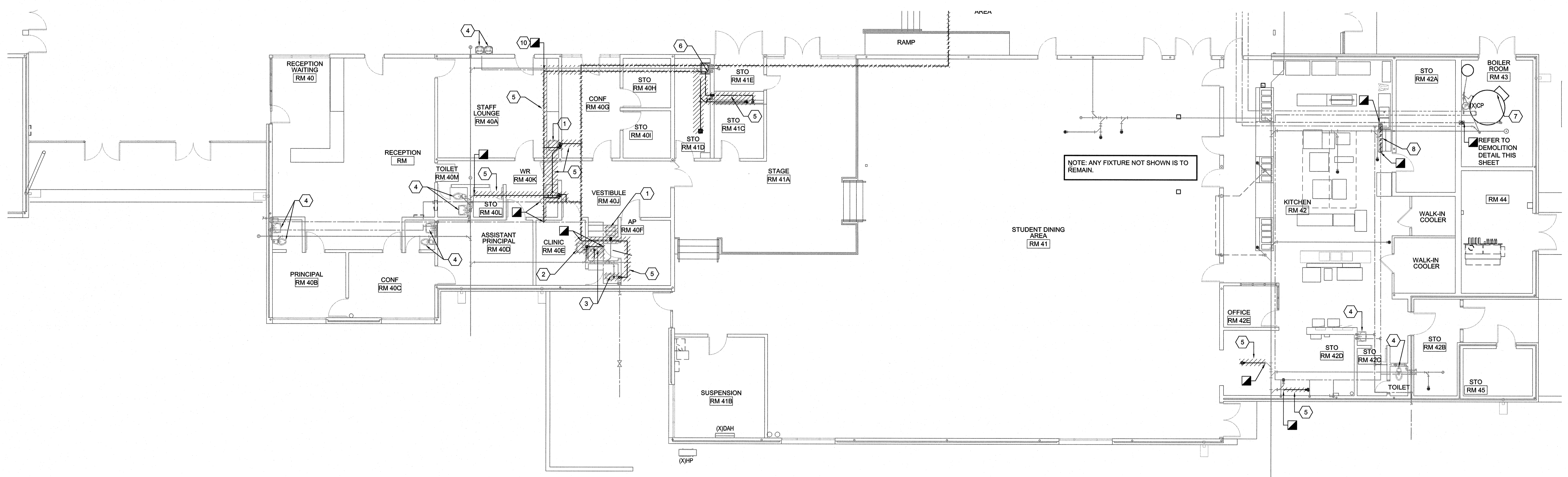
**SECTIONS & DETAILS**  
  
 JOB NUMBER  
18-2813  
 DRAWN BY  
MBK  
 CHECKED BY  
ALS  
 DATE  
2-4-19  
 REVISIONS  
 ADDENDUM #1 - CMU  
 HEADER DEPTHS  
 REVISED 2-21-2019

SHEET NUMBER

**S3.01**

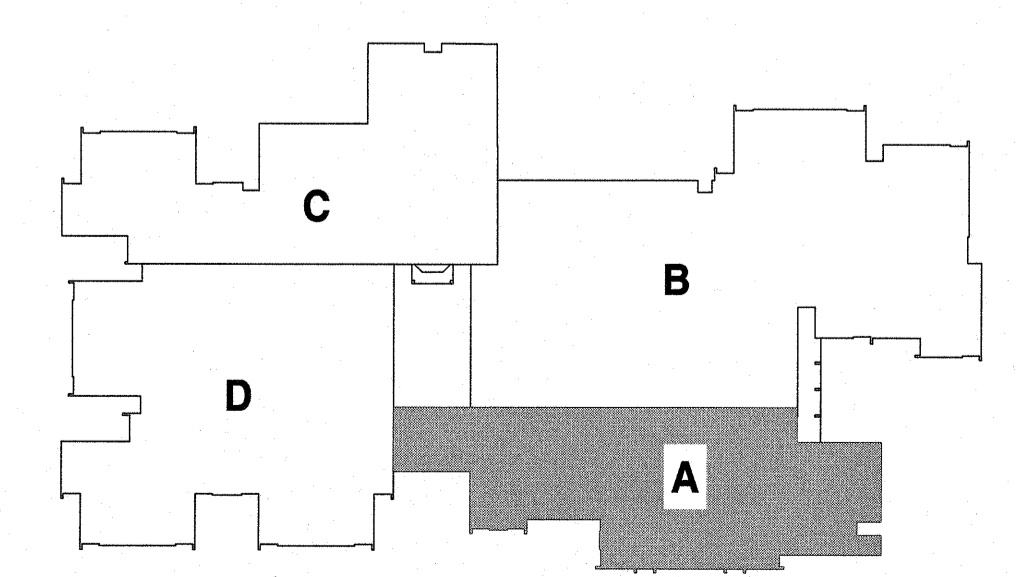


**2 WATER HEATER DEMOLITION DETAIL**  
PD1.01A Not To Scale



- DEMOLITION KEYED NOTES**
- 1 REMOVE AND DISPOSE OF EXISTING COUNTERTOP SINK AND TRIM
  - 2 REMOVE AND DISPOSE OF EXISTING WALL HUNG LAVATORY AND TRIM.
  - 3 REMOVE AND DISPOSE OF EXISTING WATER CLOSET AND TRIM.
  - 4 EXISTING FIXTURE TO REMAIN.
  - 5 REMOVE AND DISPOSE OF EXISTING SUPPLY AND/OR WASTE-VENT PIPING AS INDICATED
  - 6 EXISTING SERVICE SINK AND TRIM TO REMAIN. SUPPLY PIPING IN WALL TO REMAIN. PREPARE (X) SUPPLY PIPING FOR CONNECTION TO NEW SUPPLY PIPING HEADER.
  - 7 REMOVE AND DISPOSE OF EXISTING ELECTRIC WATER HEATER. REMOVE (X) DHW ABOVE CEILING AS INDICATED ON DRAWING. PREPARE PIPING FOR CONNECTION TO NEW PIPING. SEE DRAWING PD.01A FOR FURTHER INFORMATION.
  - 8 REMOVE SECTION OF PIPE AND PREPARE FOR NEW PIPING CONNECTION. SEE WATER HEATER PIPING DETAIL 2/P5.01 FOR FURTHER INFORMATION.
  - 9 (X) 1/2" DCW ABOVE CEILING TO (X)EWC TO REMAIN. PREPARE FOR CONNECTION TO NEW PIPING.

**FIRE WALL LEGEND**  
EXISTING 2-HOUR RATED WALL  
2-HOUR RATED WALL

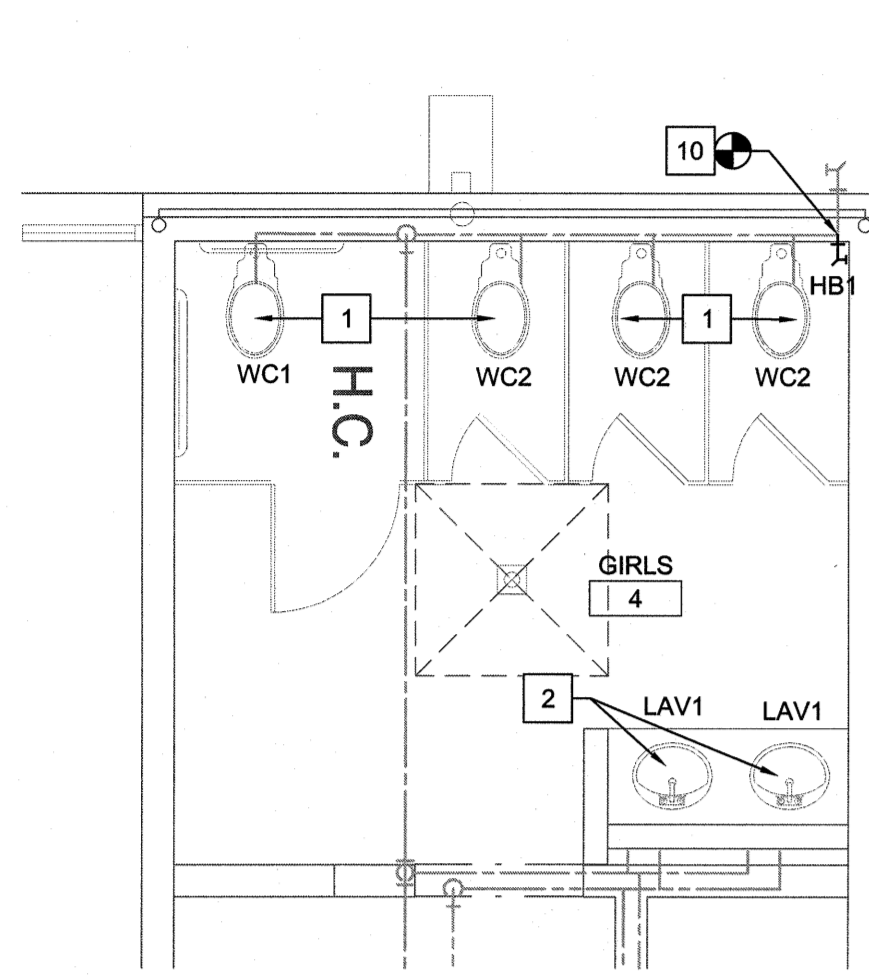
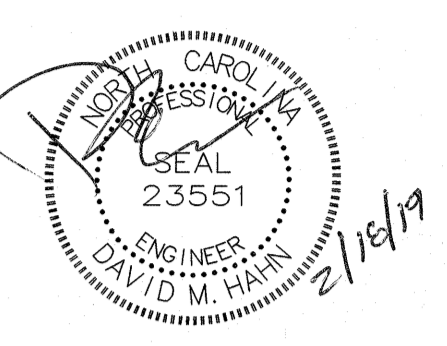


**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

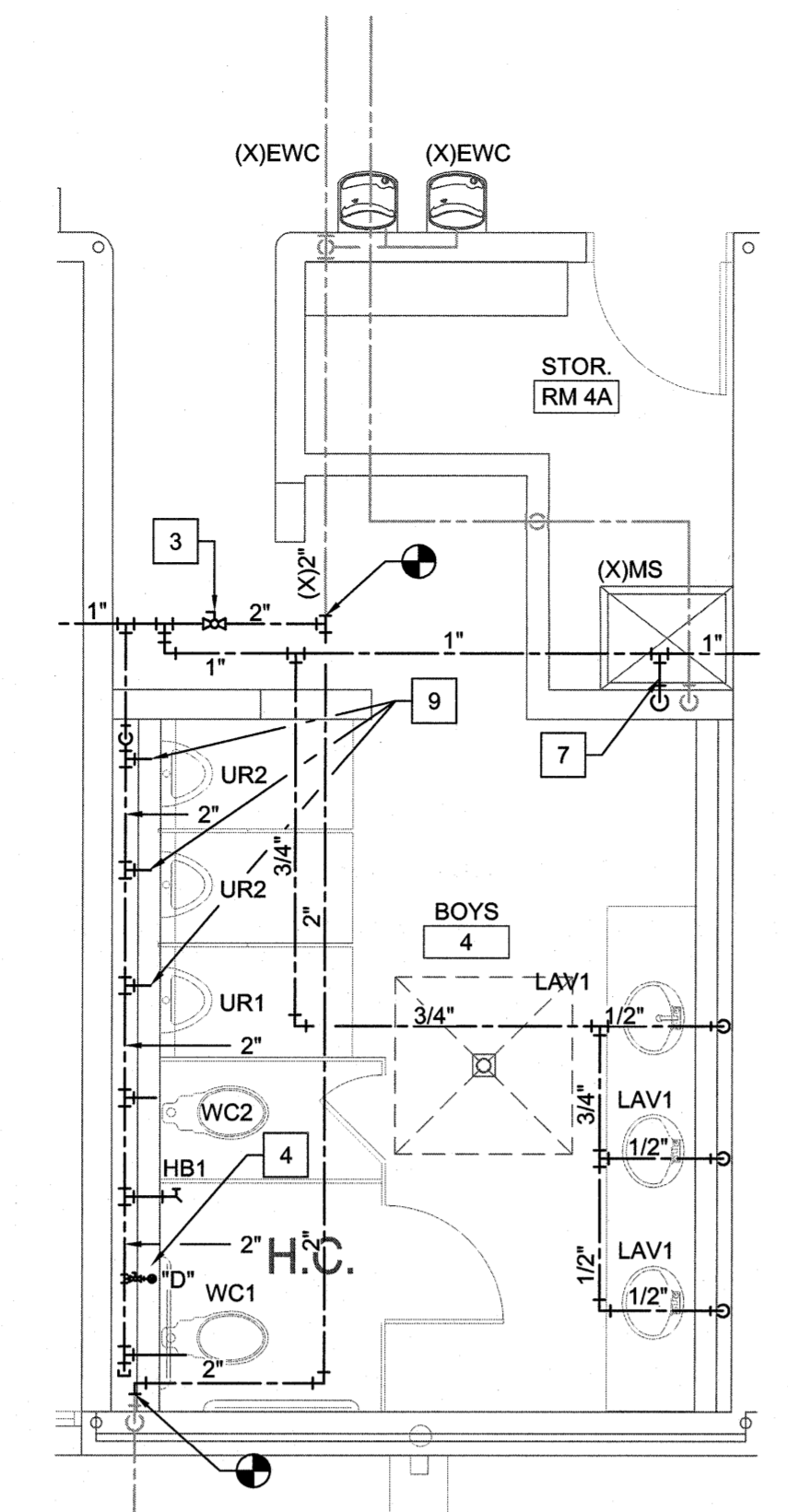
DEMOLITION FLOOR  
 PLAN - AREA A

JOB NUMBER  
18005  
 DRAWN BY  
JBS  
 CHECKED BY  
DMH  
 DATE  
02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT  
 OF PUBLIC INSTRUCTION  
 RESPONSE 2-18-19

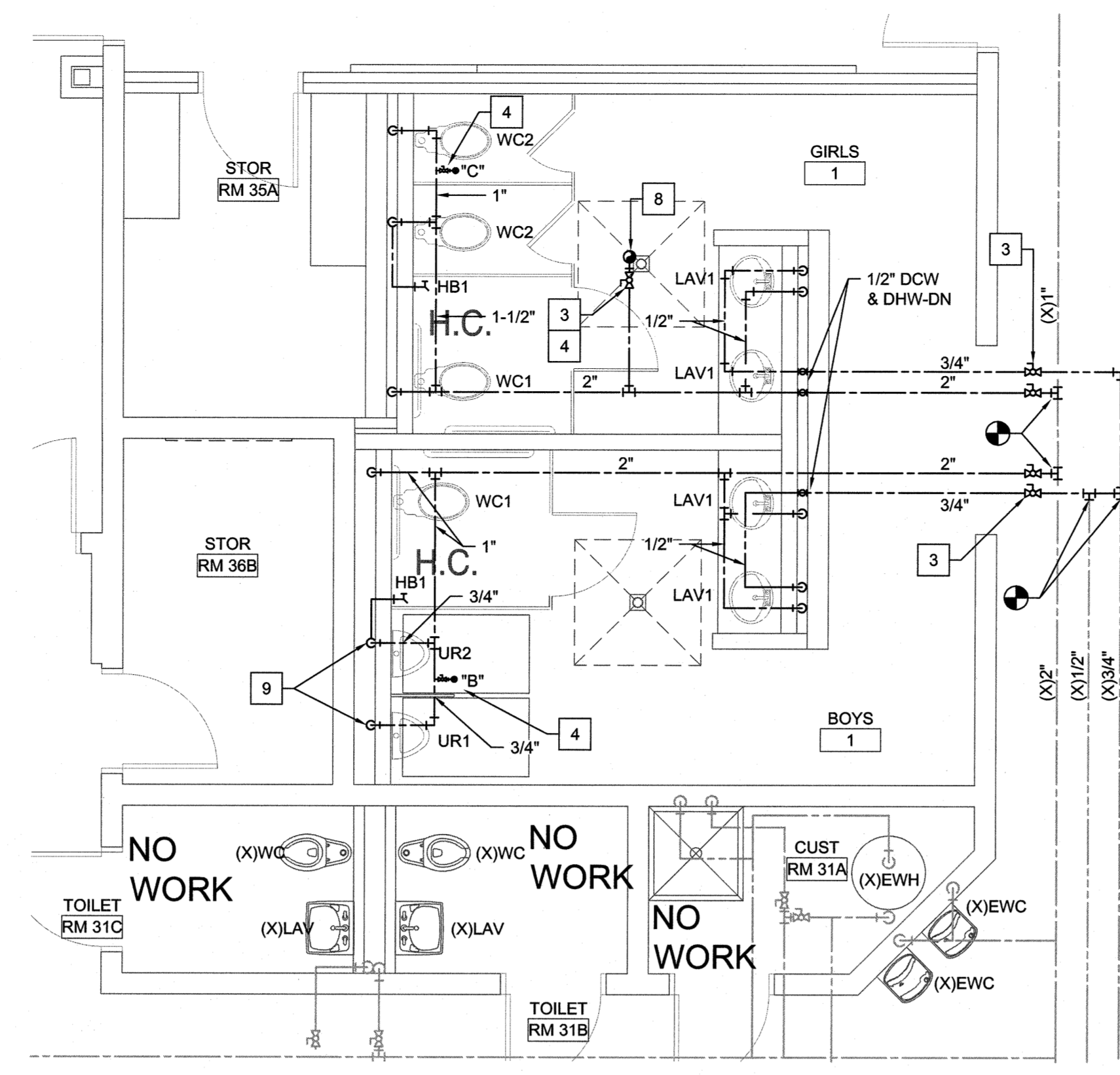




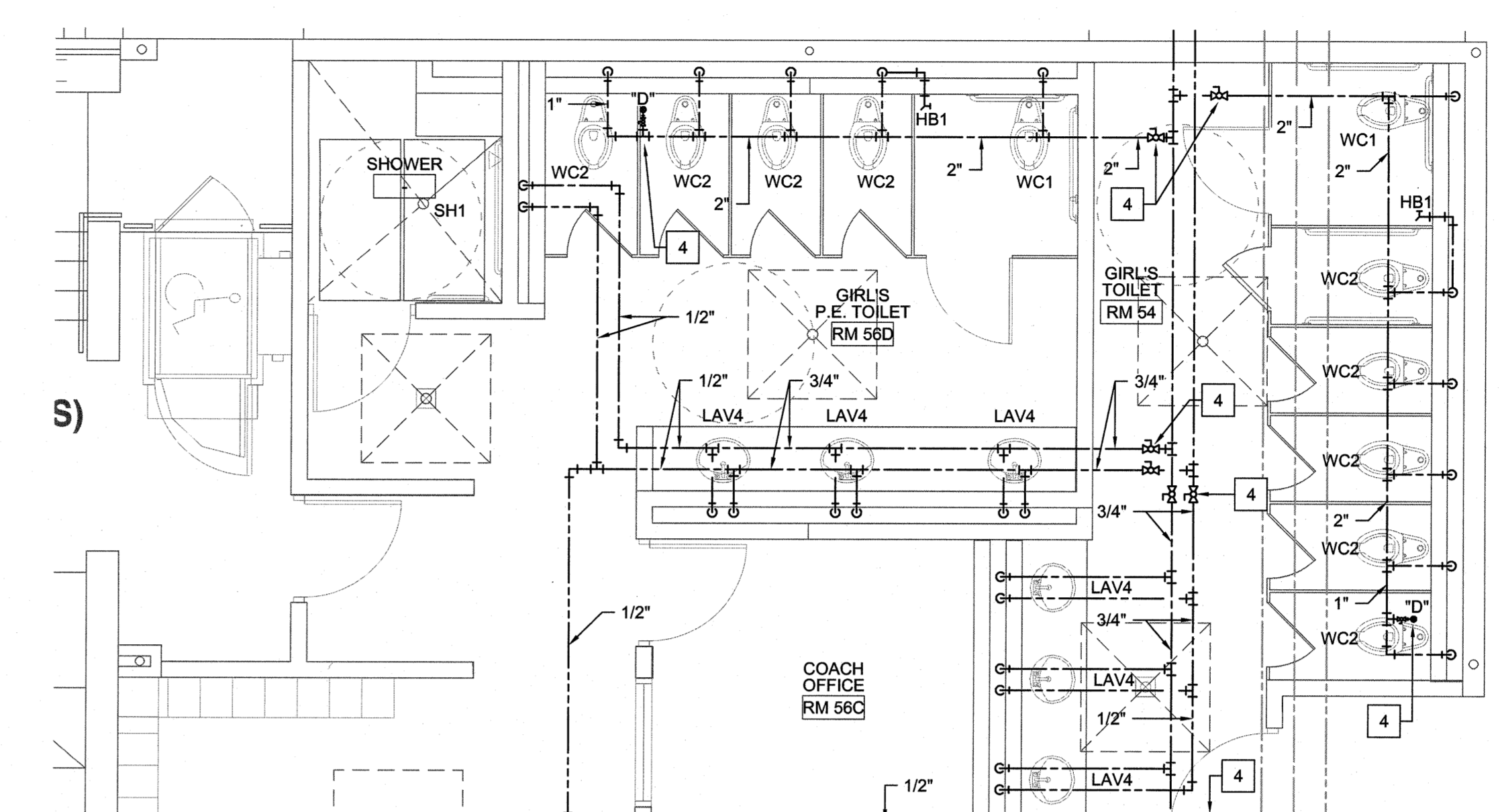
**1 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



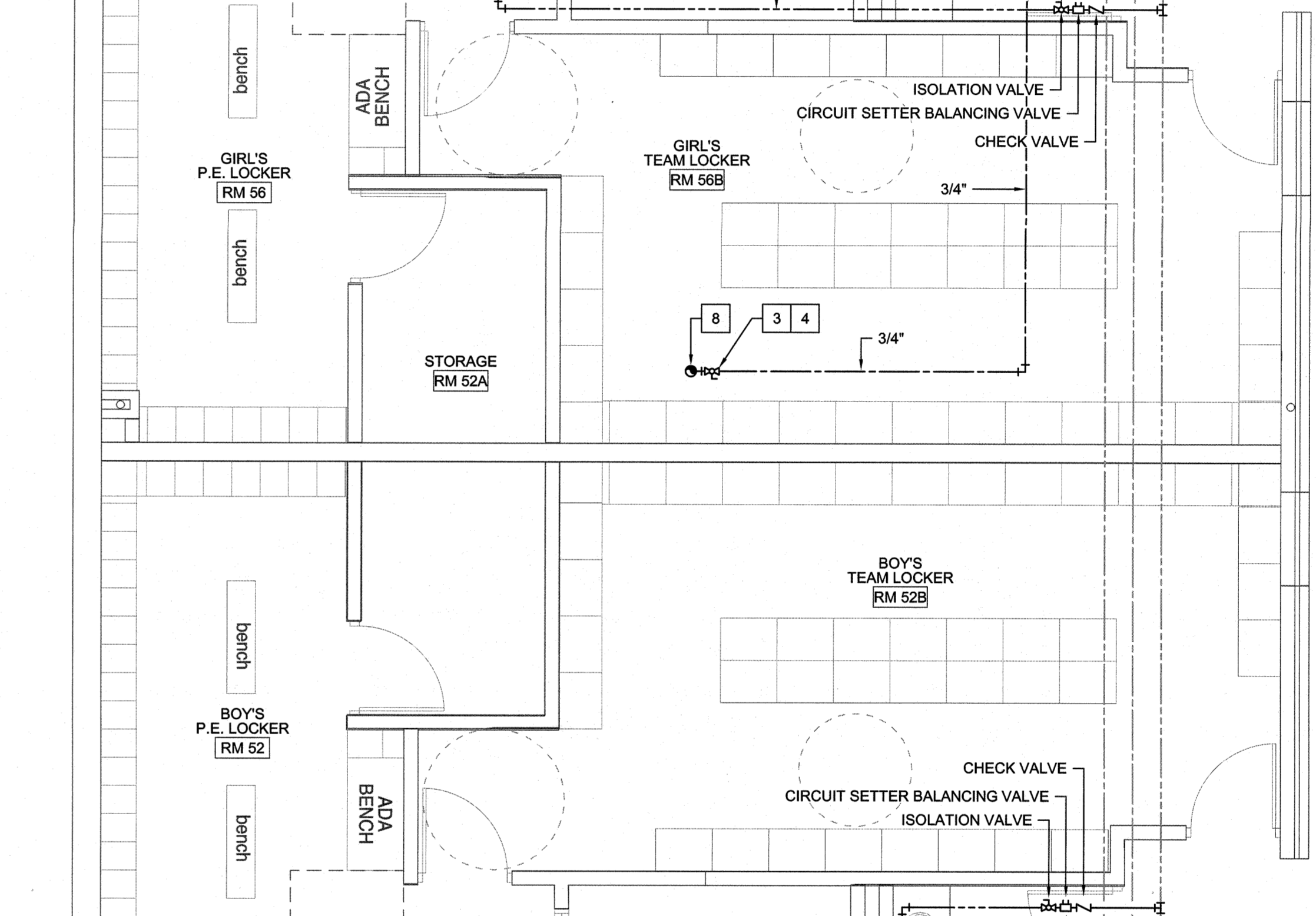
**2 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



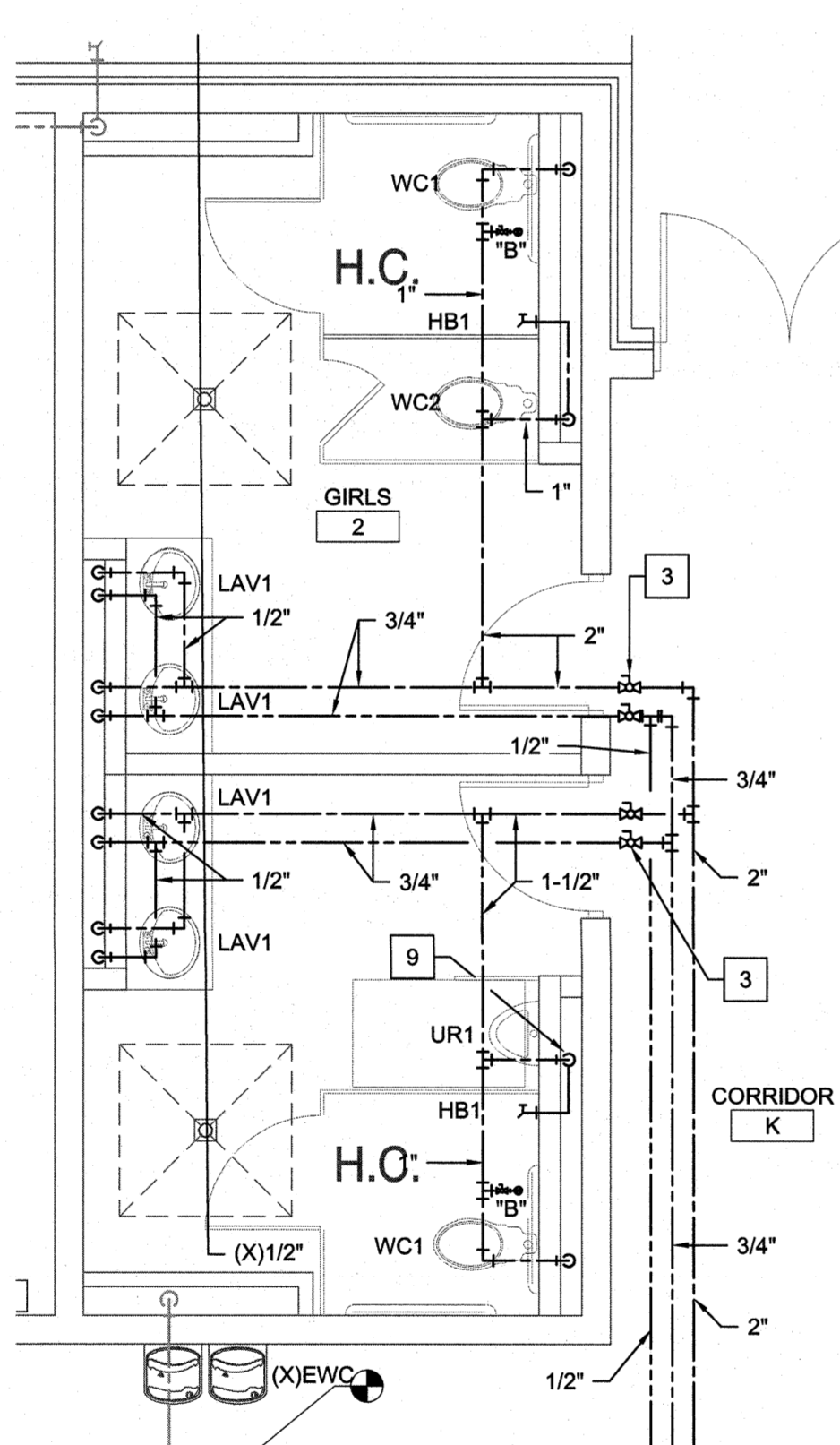
**3 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



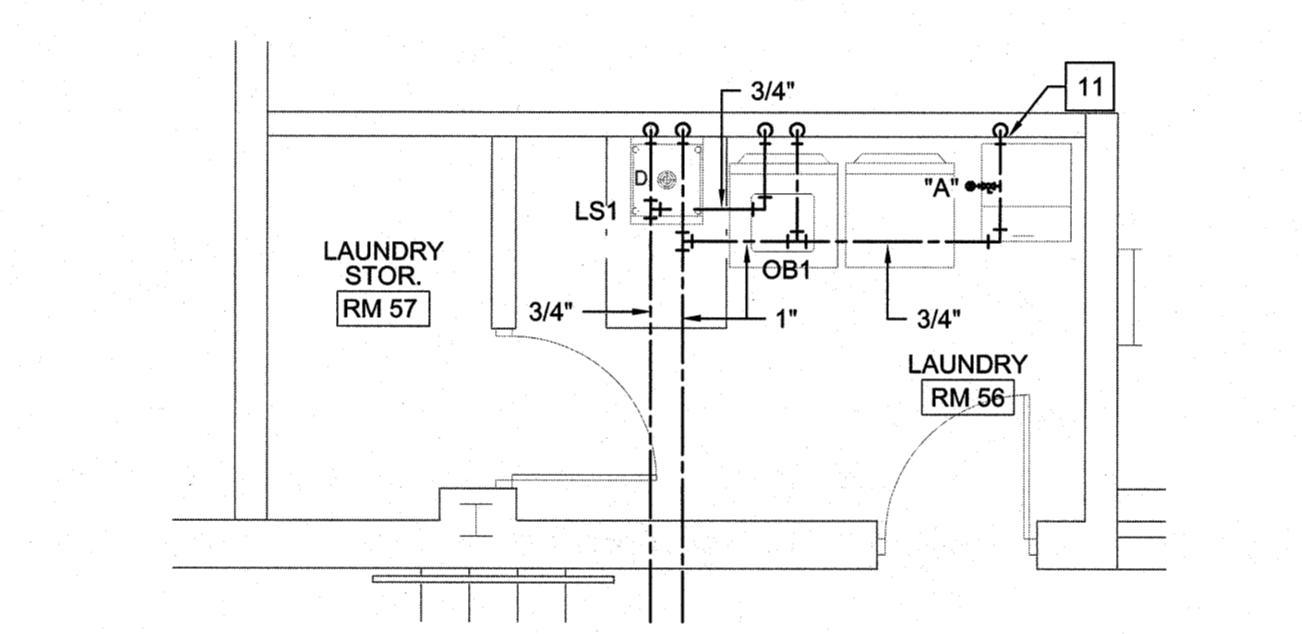
**4 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



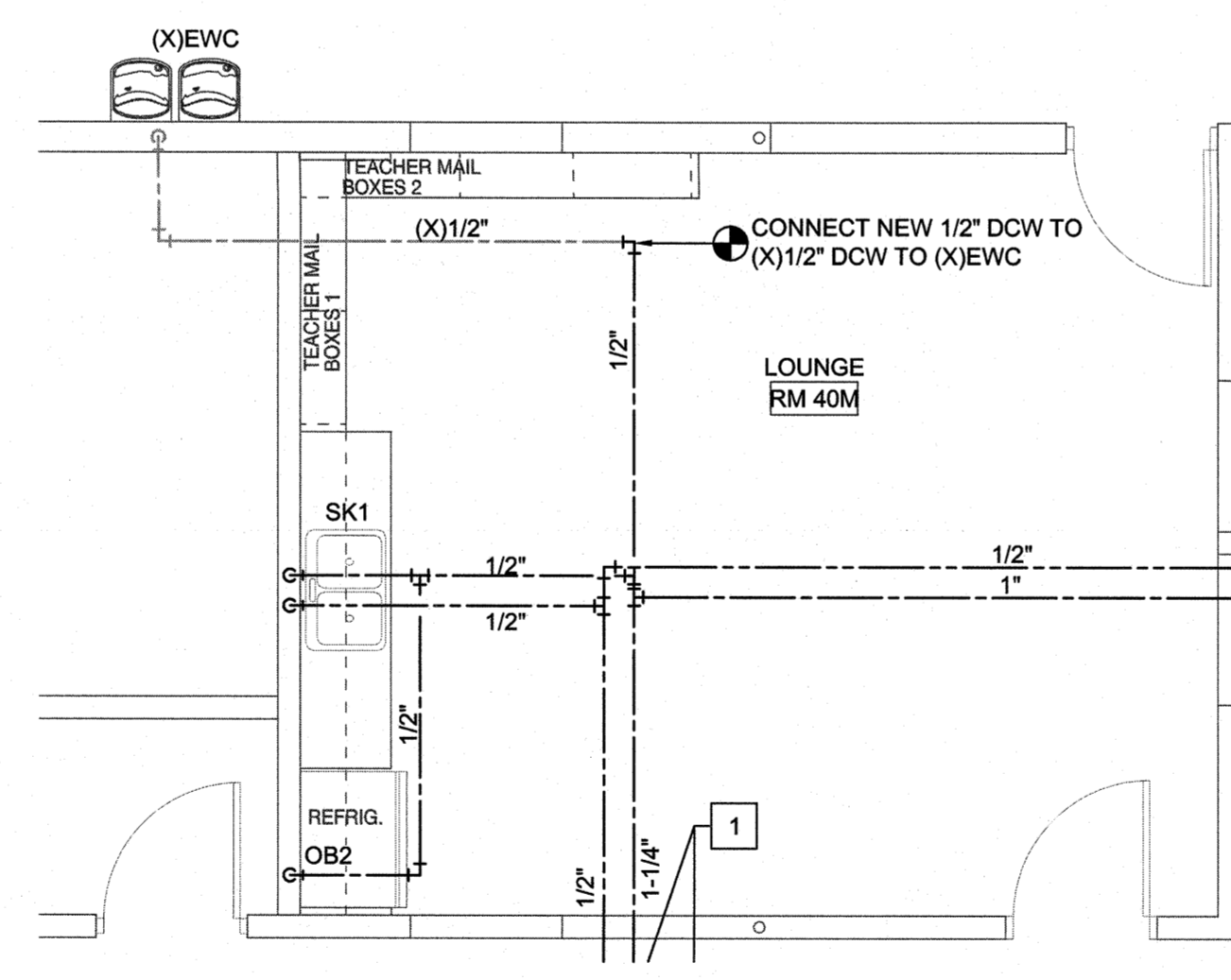
**5 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



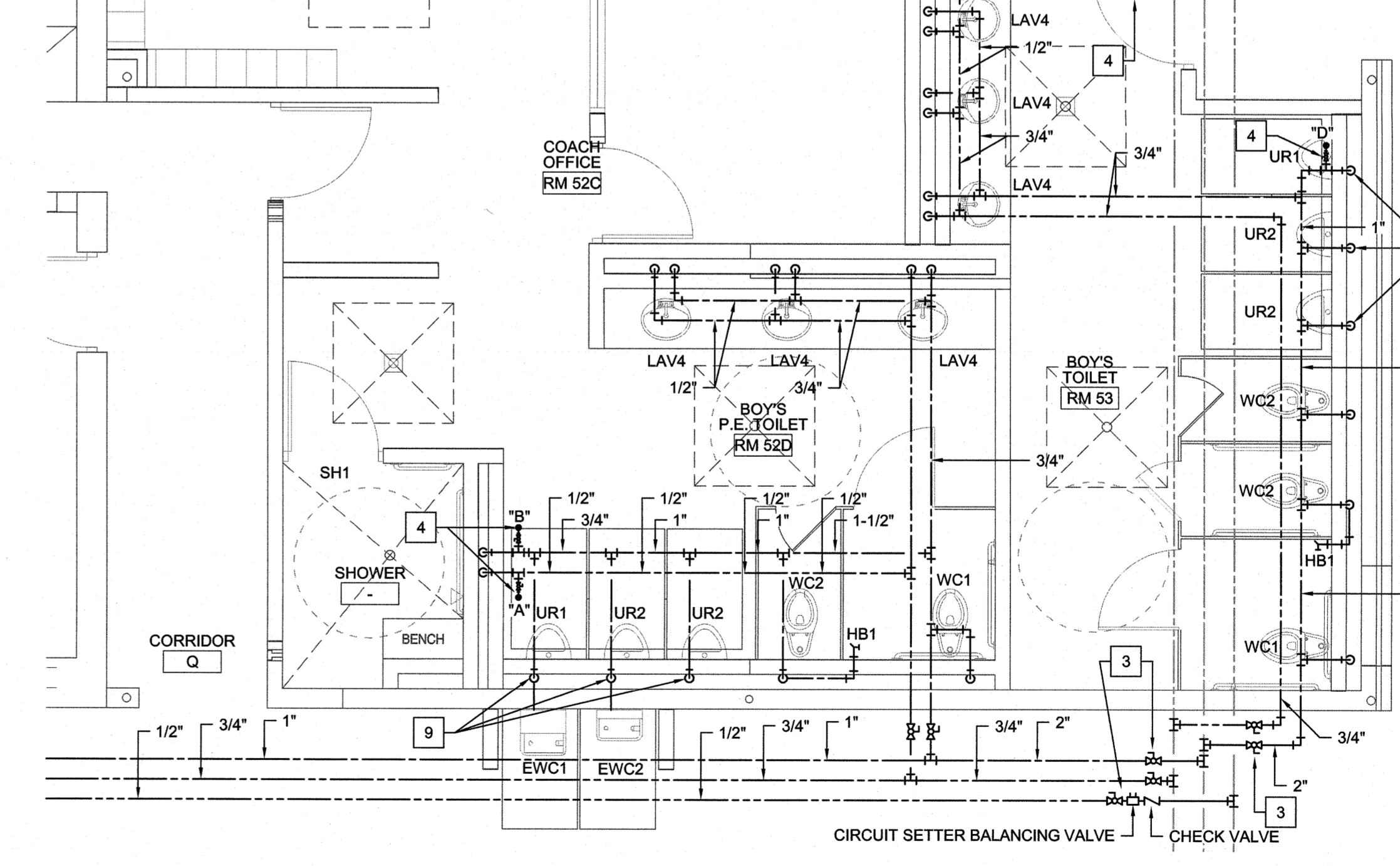
**6 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



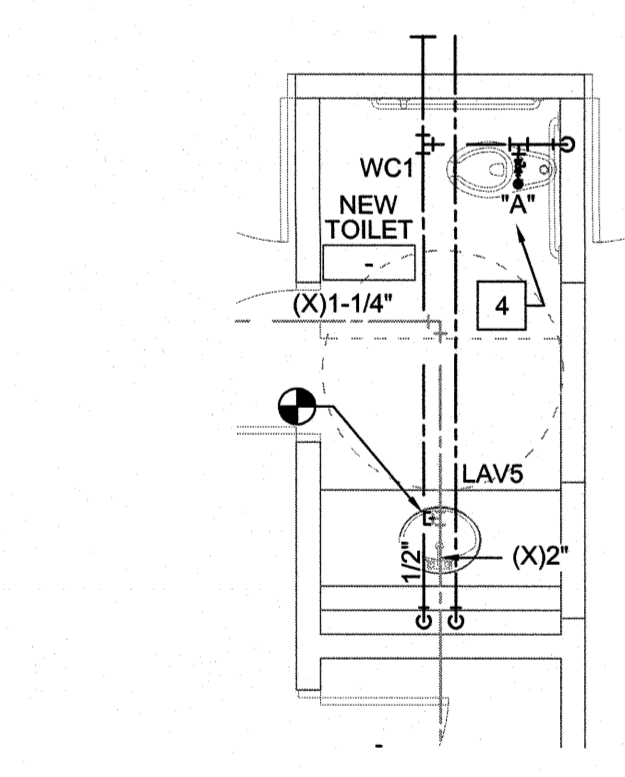
**7 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



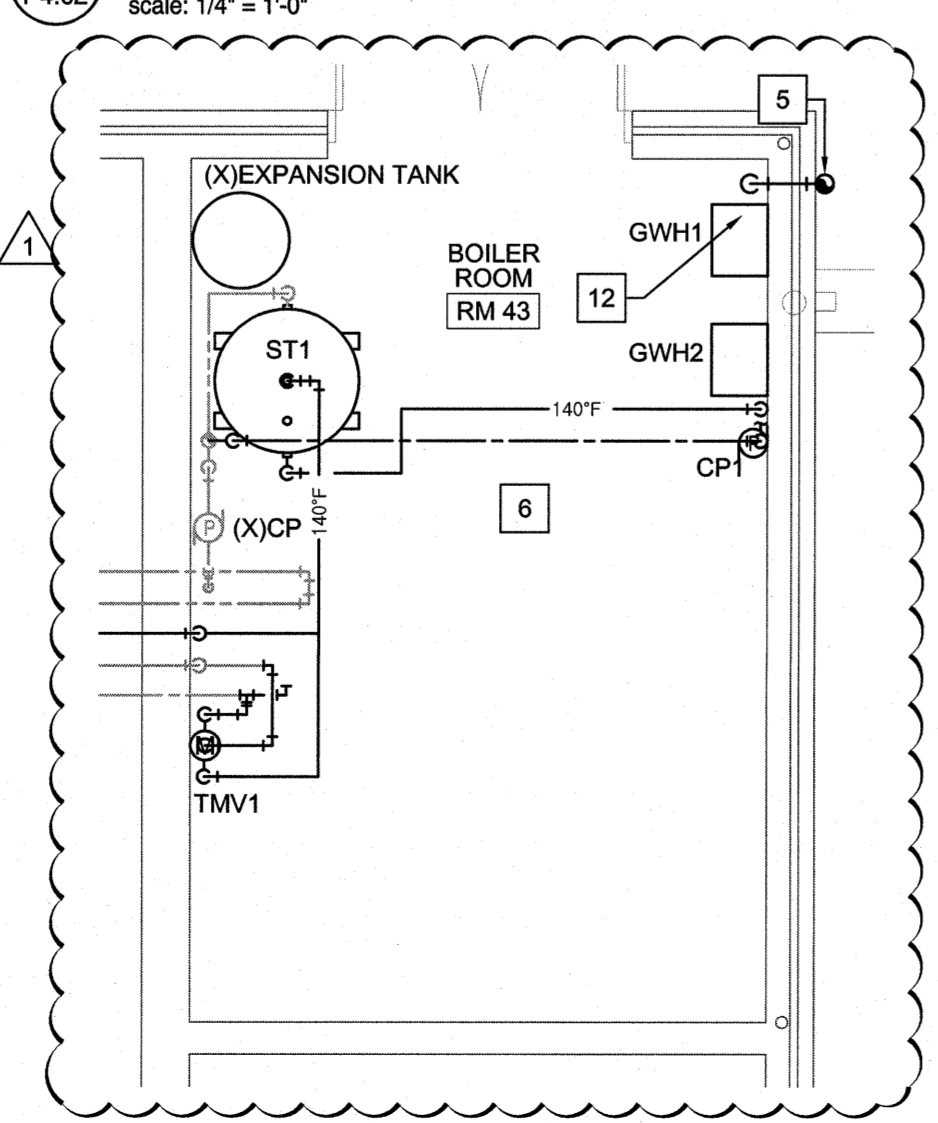
**8 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



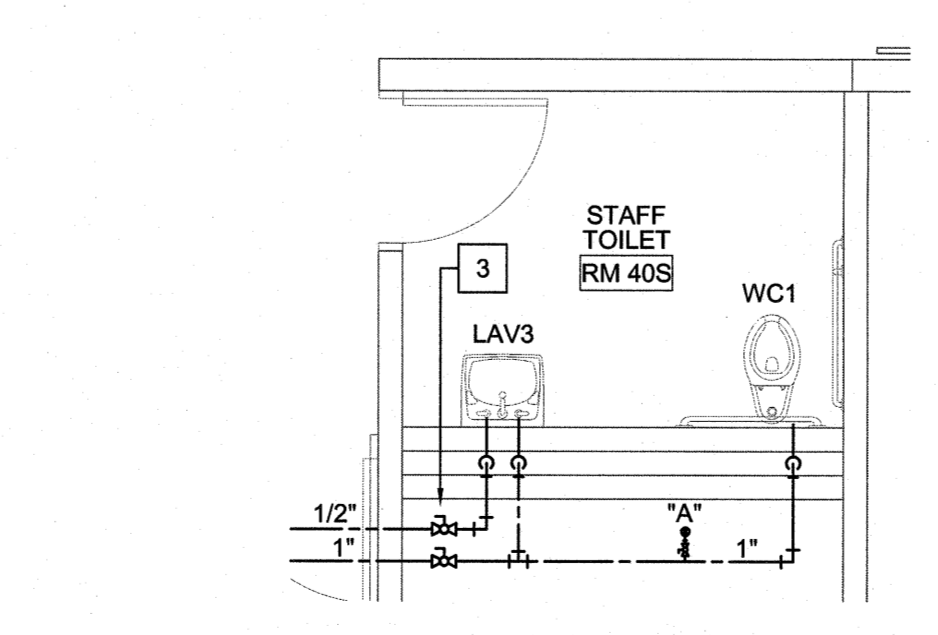
**9 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



**10 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



**11 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"



**12 Enlarged Domestic Water Plan**  
scale: 1/4" = 1'-0"

- NEW WORK KEYED NOTES**
- 1 INSTALL NEW WATER CLOSET AND TRIM. CONNECT FLUSH VALVE TO EXISTING WATER SUPPLY. FIELD MODIFY SUPPLY PIPING AS REQUIRED FOR NEW INSTALLATION.
  - 2 INSTALL NEW LAVATORY AND TRIM. CONNECT FAUCET TO EXISTING WATER SUPPLY. FIELD MODIFY SUPPLY PIPING AS REQUIRED FOR NEW INSTALLATION.
  - 3 INSTALL NEW ISOLATION VALVE ABOVE CEILING AND CEILING MARKER TO IDENTIFY VALVE LOCATION.
  - 4 INSTALL CEILING ACCESS PANEL TO PROVIDE ACCESS TO VALVE OR OTHER PIPING ACCESSORY.
  - 5 1/2" GAS FROM ROOF THRU WALL AND DOWN TO GAS WATER HEATERS.
  - 6 REFER TO WATER HEATER DETAIL 2 SH. P5.01 FOR FURTHER INFORMATION.
  - 7 INSTALL NEW DCW SUPPLY PIPE TO (X)MS.
  - 8 ROUTE 3/4" DCW UP TO ROOF HYDRANT RH1.
  - 9 PROVIDE 3/4" TAP FOR FUTURE WATER CONNECTION FOR URINAL INSIDE CHASE AND CAP.
  - 10 INSTALL NEW HOSE BIBB, HB1.
  - 11 INSTALL STOP, LEAD FREE DOUBLE CHECK AND FILTER FOR ICE MACHINE.
  - 12 INSTALL SOLENOID VALVE FOR EMERGENCY SHUTOFF. SEE DETAIL 2/P5.01 FOR FURTHER INFORMATION.

**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

ENLARGED  
DOMESTIC WATER  
PLANS

JOB NUMBER  
18005  
DRAWN BY  
JBS  
CHECKED BY  
DMH  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-19



PLUMBING FIXTURE SCHEDULE										
DRAWING CODE	FIXTURE	DESCRIPTION	MANUFACTURER	MODEL	NOTES	PIPE SIZE	DCW	DHW	WASTE	VENT
WC1	FLUSH VALVE WATER CLOSET, FLOOR MTD., 1.6GPF, ADA	BOWL	16.5" HIGH BOWL, ELONGATED, V.C., 2-1/8" TRAPWAY, TOP SPUD, MADERA	AMERICAN STANDARD	3043.001	6	1"	-	4"	2"
		FLUSH VALVE SEAT	11.5" HIGH, 1.6GPF OFLC w/ SELF-SUSTAINING S.S. CHECK HINGE, HEIGHT 17-1/2" AFF	SLOAN REGAL XL	111-1.6					
WC2	FLUSH VALVE WATER CLOSET, FLOOR MTD., 1.6GPF	BOWL	15" HIGH BOWL, ELONGATED, V.C., 2-1/8" TRAPWAY, TOP SPUD, MADERA	AMERICAN STANDARD	2234.001		1"	-	4"	2"
		FLUSH VALVE SEAT	16" HIGH, 1.6GPF OFLC w/ SELF-SUSTAINING S.S. CHECK HINGE	SLOAN REGAL XL	113-1.6					
UR1	URINAL WALL HUNG, WATERLESS, ADA	BOWL	VITREOUS CHINA, ELONGATED RIM MTD. 17 A.F.F. MAX., HYDROPHOBIC ANTIMICROBIAL GLAZE, VANDAL RESISTANT, WALL BRACKET WITH ANCHORS INCLUDED	SLOAN	WES-1000-STG	7	-	-	2"	2"
		SEAT			95C					
UR2	URINAL WALL HUNG, WATERLESS	BOWL	VITREOUS CHINA, ELONGATED RIM MTD. 21 A.F.F. MAX., HYDROPHOBIC ANTIMICROBIAL GLAZE, VANDAL RESISTANT, WALL BRACKET WITH ANCHORS INCLUDED	SLOAN	WES-1000-STG	7	-	-	2"	2"
		SEAT			95C					
LAV1	COUNTERTOP LAVATORY, ADA (COLD ONLY) (STUDENT USE)	BOWL	19" X 16" ENAMELED CAST IRON, DROP IN OVAL BOWL	KOHLER	K-2905.1	-	1/2"	-	2"	2"
		FAUCET	METERING, SINGLE HOLE DECK MOUNT, INTEGRAL CAST BRASS SPOUT, 0.35 GPM (0.20 GALLON/CYCLE MAX), PUSH HANDLE	CHICAGO	333-665E3P5HABCP					
		DRAIN	GRID STRAINER	MOGURE	155A					
LAV2	COUNTERTOP LAVATORY, 0.5GPM, ADA (STAFF) (HOT AND COLD)	BOWL	19" X 16" ENAMELED CAST IRON, DROP IN OVAL BOWL	KOHLER	K-2905.1	1,2,3,9	1/2"	1/2"	2"	2"
		FAUCET	4" CENTERSET, SINGLE LEVER HANDLE, SOLID BRASS CONSTRUCTION, CERAMIC CARTRIDGE, HIGH TEMP LIMIT STOP	CHICAGO	2200-4VPE66AABCP					
		DRAIN	GRID STRAINER	MOGURE	155A					
LAV3	LAVATORY WALL HUNG, 0.5GPM, ADA (STAFF)	BOWL	20x18 VITREOUS CHINA, RIM 34" AFF MAX.	AMERICAN STANDARD	0355.012	1,2,3,9	1/2"	1/2"	2"	2"
		FAUCET	4" CENTERSET, SINGLE LEVER HANDLE, SOLID BRASS CONSTRUCTION, CERAMIC CARTRIDGE, HIGH TEMP LIMIT STOP	CHICAGO	2200-4VPE66AABCP					
		DRAIN	GRID STRAINER	MOGURE	155A					
LAV4	COUNTERTOP LAVATORY, 0.5GPM, ADA (STUDENT) (HOT AND COLD)	BOWL	19" X 16" ENAMELED CAST IRON, DROP IN OVAL BOWL	KOHLER	K-2905.1	1,2,3,9	1/2"	1/2"	2"	2"
		FAUCET	4" CENTERSET, SINGLE LEVER HANDLE, SOLID BRASS CONSTRUCTION, CERAMIC CARTRIDGE, HIGH TEMP LIMIT STOP	CHICAGO	2200-4VPE66AABCP					
		DRAIN	GRID STRAINER	MOGURE	155A					
LAV5	COUNTERTOP LAVATORY, 0.5GPM, ADA (NURSE) (HOT AND COLD)	BOWL	19" X 16" ENAMELED CAST IRON, DROP IN OVAL BOWL	KOHLER	K-2905.1	1,2,3,9	1/2"	1/2"	2"	2"
		FAUCET	4" CENTERSET, SINGLE LEVER HANDLE, SOLID BRASS CONSTRUCTION, CERAMIC CARTRIDGE, HIGH TEMP LIMIT STOP	CHICAGO	2200-4VPE66AABCP					
		DRAIN	GRID STRAINER	MOGURE	155A					
SK1	2-COMPARTMENT COUNTERTOP SINK, ADA (HOT AND COLD WATER)	BOWL	31X22x6.5", 18 GA S.S., 34" A.F.F. MAX.	ELKAY	LRA0312265	2,4,5,9	1/2"	1/2"	2"	2"
		FAUCET	DECK MOUNTED, 4" FIXED CENTERS, CHROME PLATED, SWING GOOSENECK SPOUT, 1.5GPM, 4" WRISTBLADE HANDLES, VANDAL RESISTANT, QUARTER TURN CERAMIC CARTRIDGE	CHICAGO	895-317E350XABCP					
		DRAIN	BASKET STRAINER	ELKAY	LK35					
SH1	JOB-BUILT SHOWER, ADA	VALVE	PRESS. BALANCED MIXING VALVE, LEVER HANDLE, DIVERTER, HEAD W/ ARM, FLANGE, WALL/HAND SHOWER, FLEXIBLE METAL HOSE, IN-LINE VAC. BREAKER, 30" SLIDE BAR, 1.5GPM	MOEN	8342EP15		1/2"	1/2"	2"	2"
		DRAIN	4-3/8" DIA. NICKEL BRONZE STRAINER, PVC	SILOUX CHIEF	821					
LS1	FLOOR MOUNT LAUNDRY SINK	SINK	23-22x12 MOLDED STONE w/ GRID DRAIN	FIAT	FL-1	0,10	1/2"	1/2"	2"	2"
		FAUCET	CHROME PLATED BRASS, 4" WRIST BLADE HANDLES, VANDAL RESISTANT, CERAMIC CARTRIDGE	MOEN	74998					
EWC1	WALL HUNG WATER COOLER, ADA	FIXT	S.S. TOP, LIGHT GREY BODY, BOTTLE FILLING STATION, 8 GPH @ 50/80/90, 120V/1PH, NON-FILTERED	ELKAY		1,11	1/2"	-	2"	2"
		FIXT	S.S. TOP, LIGHT GREY BODY, 8 GPH @ 50/80/90, 120V/1PH	ELKAY						
GWH1	GAS FIRED WATER HEATER	FIXT	INSTANTANEOUS, 199MBH, 120V/180HZ, 550W, MAX 4 AMP	NAVIER	NPE-240A	8	3/4"	3/4"	-	-
		FIXT	INSTANTANEOUS, 199MBH, 120V/180HZ, 550W, MAX 4 AMP	NAVIER	NPE-240A					
CP1	HOT WATER RECIRCULATION PUMP	FIXT	IN-LINE WET ROTOR, LEAD FREE BRONZE BODY, 3-SPEED, 115V/180, 125W. BUILT IN THERMAL PROTECTION. 10GPM@10TDS	GRUNDFOS	UPS15-55SFC		-	MATCH	-	-
		FIXT	C.I. BODY, 8-1/2" TOPS, ADJUSTABLE, SCORATED, NICKEL BRONZE TOP	SILOUX CHIEF	834					
GCO	GRADE CLEANOUT	FIXT	C.I. BODY, RECESSED BRONZE PLUG	SILOUX CHIEF	877		-	-	MATCH	-
		FIXT	ROUND 3/8" ACCESS COVER & SCREW, RECESS BRONZE THRD. PLUG	SILOUX CHIEF	870					
FD1	FLOOR DRAIN	FIXT	FINISHLINE ADJUSTABLE, SCH. 40 HUB CONNECTION, ABS/PVC BASE ADAPTOR, ROUND NICKLE BRONZE STRAINER, TRAP PRIMER CONNECTION	SILOUX CHIEF	832	7	-	-	MATCH	-
		FIXT	8x8x6 A.R.C.I. RECEPTOR, MEMBRANE CLAMP, DOME STRAINER, 1/2" GRATE	SILOUX CHIEF	881					
RH1	ROOF HYDRANT	FIXT	FREEZELESS, ANTI-SIPHON, VACUUM BREAKER, 3/4" HOSE THREAD	WOODFORD	RHY2	13	3/4"	-	1/8"	-
		FIXT	LOOSE KEY WALL FAUCET MOUNTED INSIDE COMPOSITE BOX WITH 1/4GA. STAINLESS STEEL DOOR	WOODFORD	MB24					
OB1	WASHER CONNECTION BOX	FIXT	ABS HOUSING, 1/4 TURN BALL VALVE, CHROME PLATED BRASS, SHOCK ARRESTORS	SILOUX CHIEF	696		1/2"	1/2"	2"	2"
		FIXT	ABS HOUSING, 1/4 TURN BALL VALVE, CHROME PLATED BRASS, SHOCK ARRESTORS	SILOUX CHIEF	696					
MX1	MIXING VALVE	FIXT	LEAD FREE THERMOSTATIC MIXING VALVE - SETPOINT = 90°F INSTALL ON HOT WATER SUPPLY, ASSE 1070	CASH-ACME	HG-135	12	1/2"	1/2"	-	-
		FIXT	THERMOSTATIC MIXING VALVE WITH THERMOMETER AND SHUT OFF VALVE	LAWLER	801					
ST1	POTABLE WATER STORAGE TANK	FIXT	FACTORY JACKETED, GLASSLINED, VERTICAL STORAGE TANK	AO SMITH	T3V-250A		2"	2"	-	-
		FIXT								

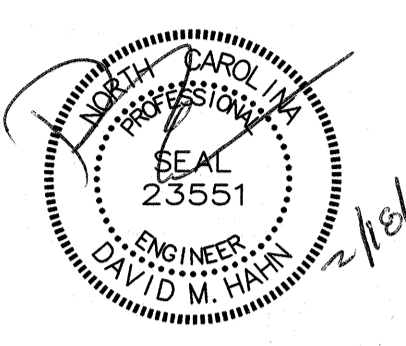
- NOTES
1. PROVIDE MATCHING CAST IRON AND STEEL FLOOR SUPPORT CARRIER WITH BEARING PLATE AND WALL HANGER.
  2. PROVIDE BRASS 1-1/2" TALLPIECE, CAST BRASS SLIP JOINT P-TRAP WITH CLEANOUT; PROVIDE ADA OFFSET ARRANGEMENT WHERE REQUIRED.
  3. PROVIDE ADA INSULATION KIT
  4. COORDINATE WITH MILLWORK.
  5. COORDINATE ADA MILLWORK ENCLOSURE FOR WATER AND DRAIN PIPING UNDER SINK.
  6. TRIP LEVER OR FLUSH HANDLE TO BE LOCATED ON WIDE SIDE OF STALL OR TOILET ROOM.
  7. PROVIDE WITH CARTRIDGE AND SIX ADDITIONAL CARTRIDGES PER URINAL TO BE TURNED OVER TO MAINTENANCE DEPARTMENT
  8. FIELD ROUTE 3/4" CONDENSATE DRAIN PIPING THRU CONDENSATE NEUTRALIZER AND SPILL W/INDIRECT TO FLOOR DRAIN. NAVIER NEUTRALIZER KIT NGX0001324 OR EQUAL. ONE REQUIRED FOR TWO UNITS.
  9. PROVIDE 1/2" IPS X 3/8" OD ANGLE BRASS STOP(S) WITH RIGID COPPER RISERS. ALL EXPOSED PIPING SHALL BE CHROME PLATED.
  10. PROVIDE INLINE CHECK VALVES FOR WATER SUPPLY LINES.
  11. PROVIDE 1/2" IPS X 3/8" O.D. BRASS STOP CONCEALED BEHIND CABINET.
  12. INSTALL UNDER HAND WASH SINKS IN KITCHEN
  13. FIELD ROUTE DRAIN FROM HYDRANT TO NEAREST INDIRECT DRAIN LOCATION.

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**bmm**  
BOWMAN  
MURRAY  
HEMINGWAY  
ARCHITECTS

514 Market Street  
Wilmington, NC 28401  
Tel - (910) 782-2821  
Fax - (910) 782-8506

GAS LOAD SCHEDULE			
FIXTURE TAG	DESCRIPTION	BTUH RATING	QUANTITY
GWH1	GAS WATER HEATER	1	199999
GWH2	GAS WATER HEATER	1	199999
KU01-SF	KITCHEN HOOD MAKE-UP UNIT	1	311656
TOTAL LOAD			711,654
BUILDING SERVICE GAS PRESSURE			2 psf

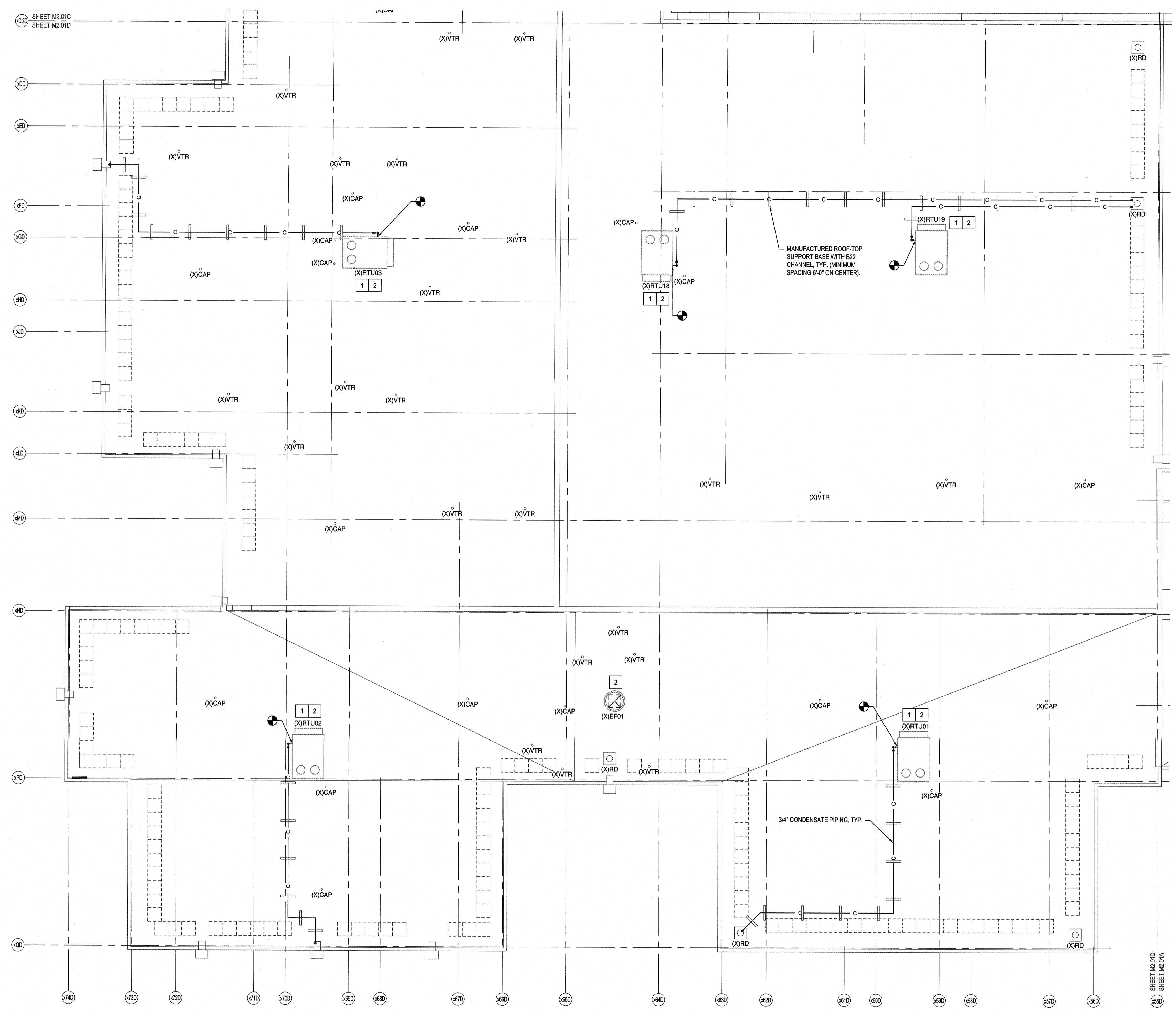
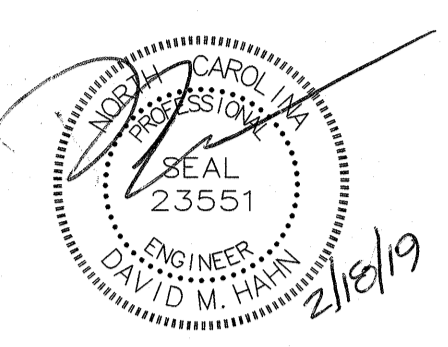


Renovations to:  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

PLUMBING  
 SCHEDULES

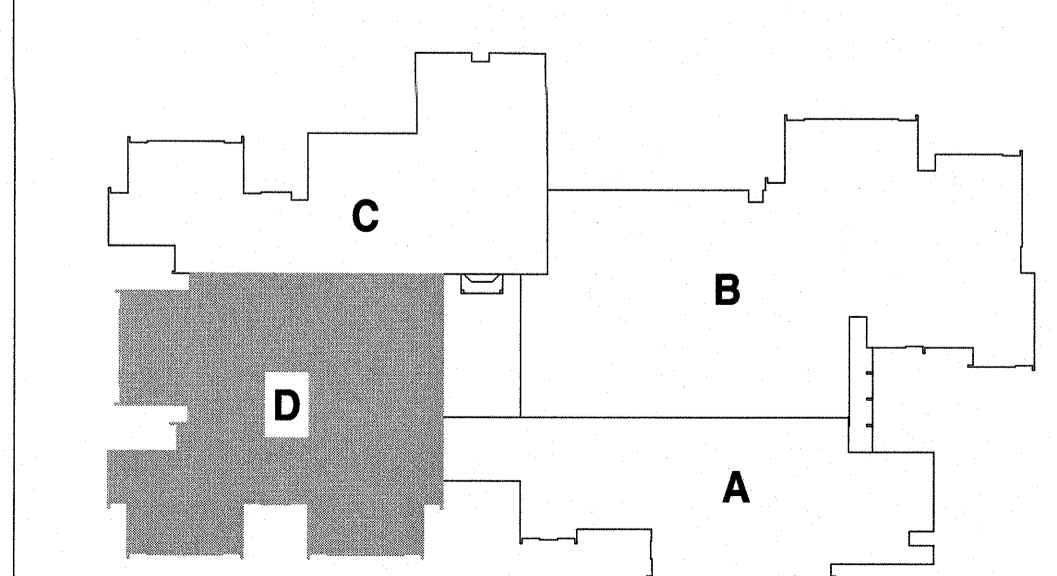
JOB NUMBER  
 18005  
 DRAWN BY  
 JBS  
 CHECKED BY  
 DMH  
 DATE  
 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT OF  
 PUBLIC INSTRUCTION RESPONSE  
 2-18-19

SHEET NUMBER  
**P6.01**



**KEYED NOTES**

- 1 PROVIDE MODIFIED SHEAVE PACKAGE TO ACHIEVE SCHEDULED AIRFLOWS.
- 2 CONTRACTOR SHALL TEMPORARILY RAISE CURB MOUNTED EQUIPMENT A MINIMUM HEIGHT NECESSARY TO INSTALL NEW ROOF MEMBRANE AND FLASH EXISTING CURBS. CONTRACTOR SHALL DISCONNECT UTILITIES (POWER, GAS, DUCTWORK, ETC.) AS NECESSARY AND RECONNECT FOR A COMPLETE, FULLY OPERATIONAL INSTALLATION.



TRUE PLAN NORTH  
 1/2.017  
**Renovation Roof Plan - Area D**  
 scale: 1/8" = 1'-0" 1/8" = 1'-0"

**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

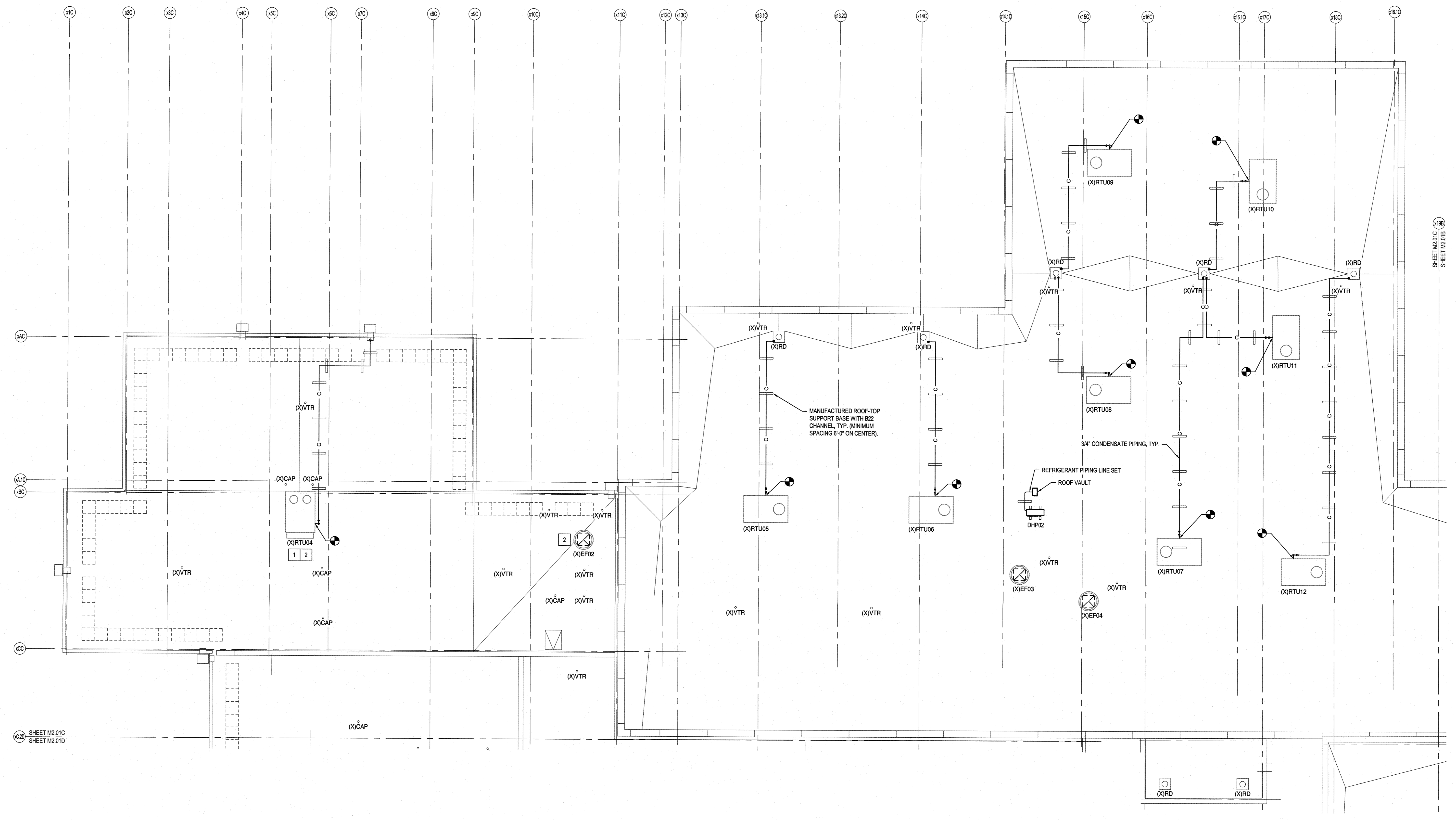
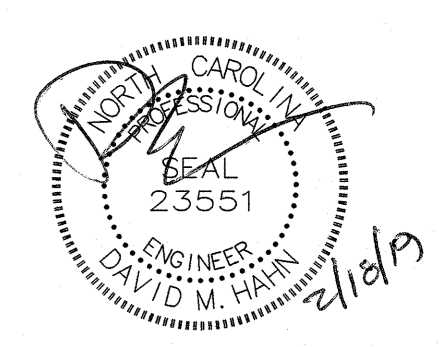
RENOVATION ROOF  
 PLAN - AREA D

JOB NUMBER  
 18005  
 DRAWN BY  
 GRM  
 CHECKED BY  
 DMH  
 DATE  
 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT  
 OF PUBLIC INSTRUCTION  
 RESPONSE 2-18-2019

SHEET NUMBER  
**M2.01D**

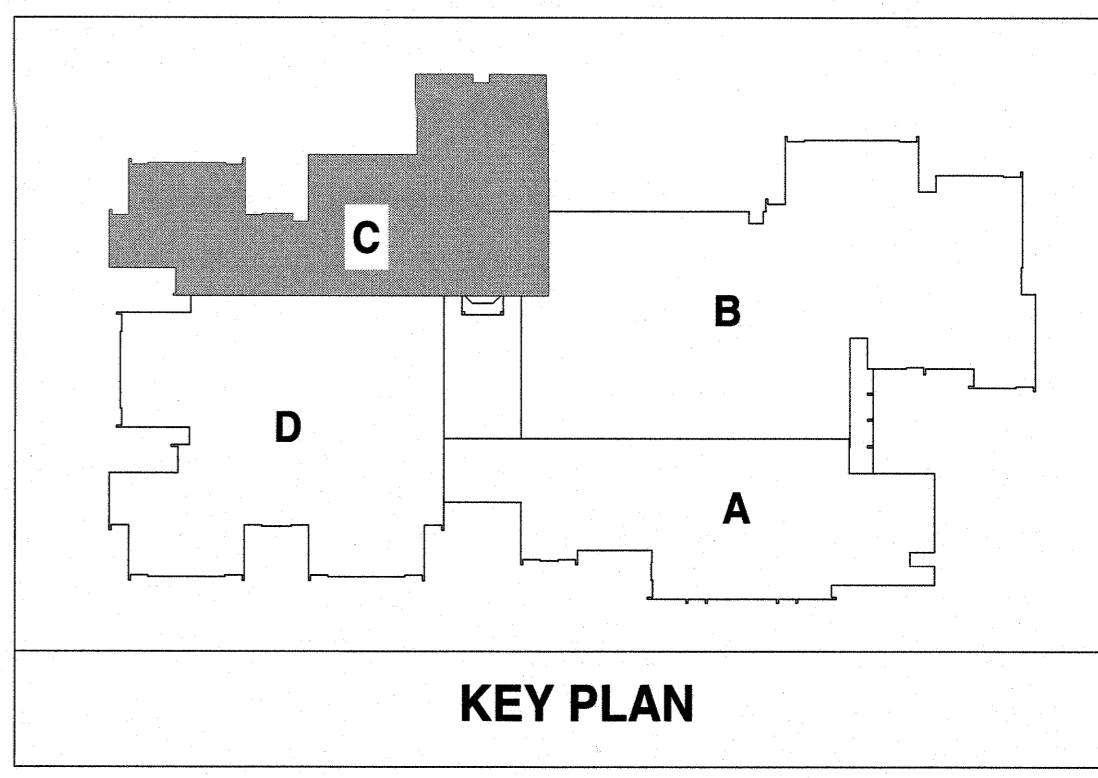






**KEYED NOTES**

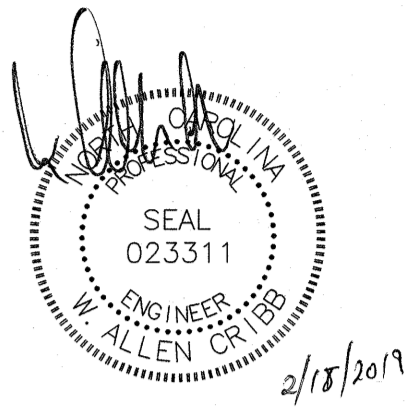
- 1 PROVIDE MODIFIED SHEAVE PACKAGE TO ACHIEVE SCHEDULED AIRFLOWS.
- 2 CONTRACTOR SHALL TEMPORARILY RAISE CURB MOUNTED EQUIPMENT A MINIMUM HEIGHT NECESSARY TO INSTALL NEW ROOF MEMBRANE AND FLASH EXISTING CURBS. CONTRACTOR SHALL DISCONNECT UTILITIES (POWER, GAS, DUCTWORK, ETC.) AS NECESSARY AND RECONNECT FOR A COMPLETE, FULLY OPERATIONAL INSTALLATION.



**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

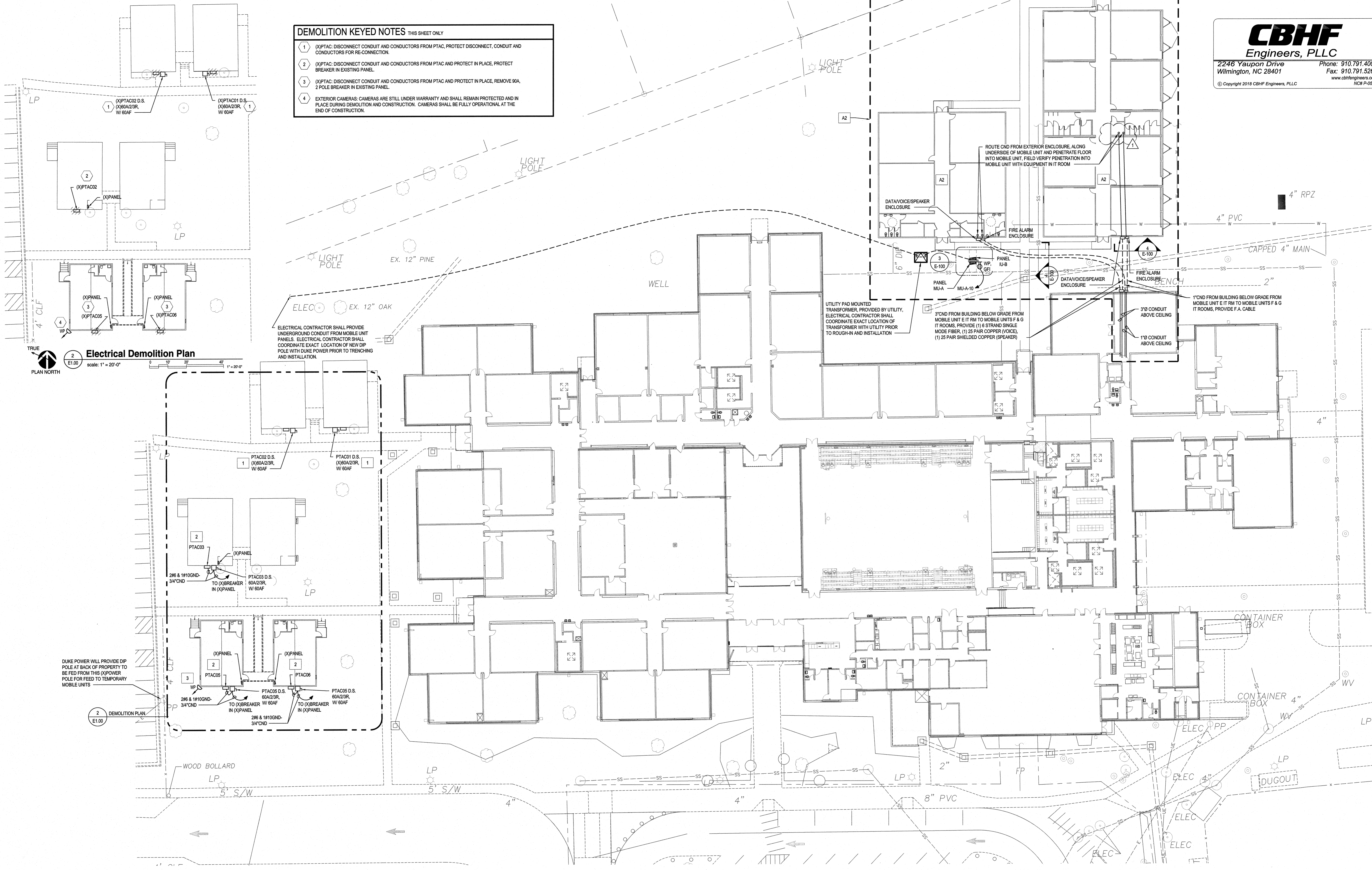
RENOVATION ROOF  
 PLAN - AREA C

JOB NUMBER  
 18005  
 DRAWN BY  
 GRM  
 CHECKED BY  
 DMH  
 DATE  
 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT  
 OF PUBLIC INSTRUCTION  
 RESPONSE 2-18-2019



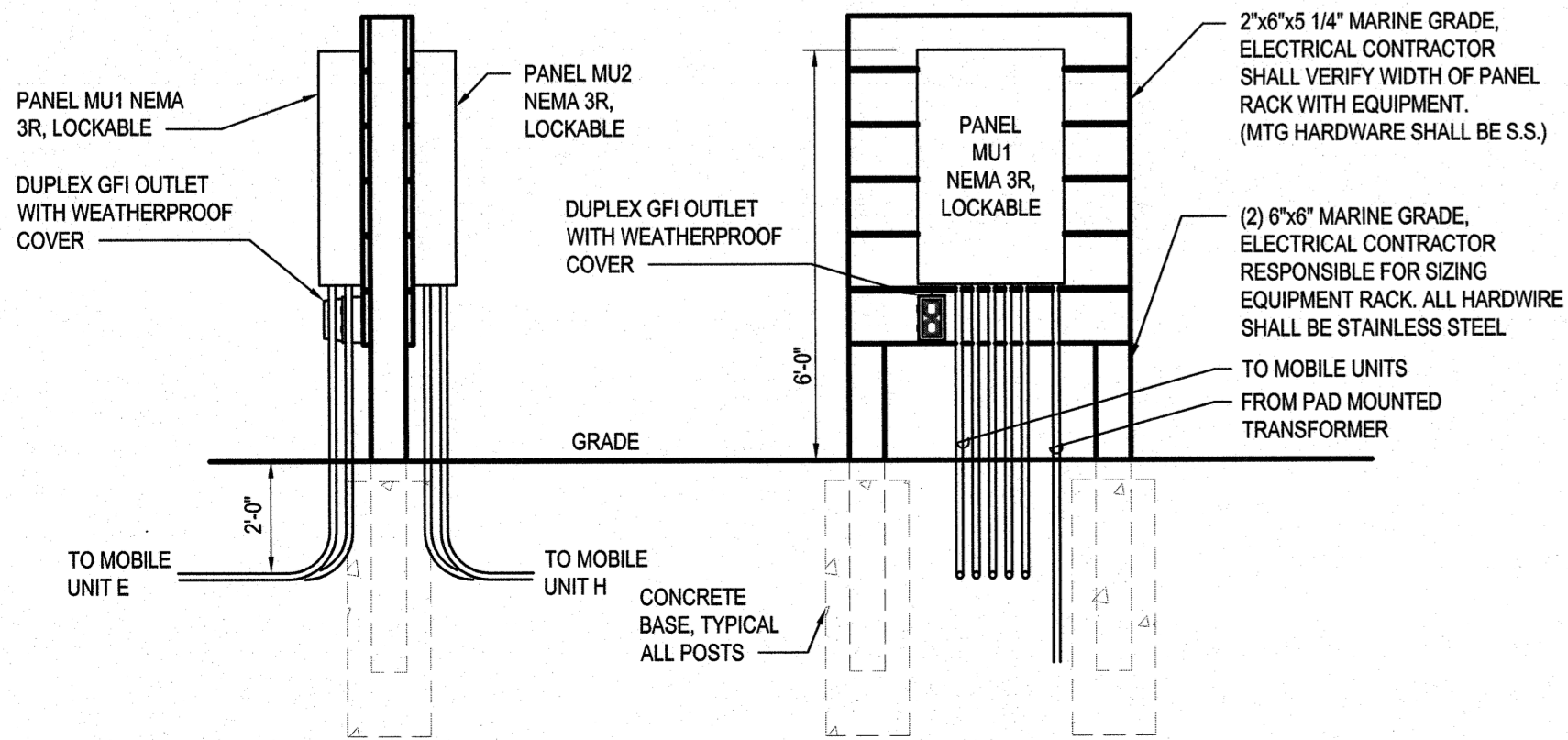
**DEMOLITION KEYED NOTES THIS SHEET ONLY**

- (X)PTAC: DISCONNECT CONDUIT AND CONDUCTORS FROM PTAC, PROTECT DISCONNECT, CONDUIT AND CONDUCTORS FOR RE-CONNECTION.
- (X)PTAC: DISCONNECT CONDUIT AND CONDUCTORS FROM PTAC AND PROTECT IN PLACE, PROTECT BREAKER IN EXISTING PANEL.
- (X)PTAC: DISCONNECT CONDUIT AND CONDUCTORS FROM PTAC AND PROTECT IN PLACE, REMOVE 60A, 2 POLE BREAKER IN EXISTING PANEL.
- EXTERIOR CAMERAS: CAMERAS ARE STILL UNDER WARRANTY AND SHALL REMAIN PROTECTED AND IN PLACE DURING DEMOLITION AND CONSTRUCTION. CAMERAS SHALL BE FULLY OPERATIONAL AT THE END OF CONSTRUCTION.

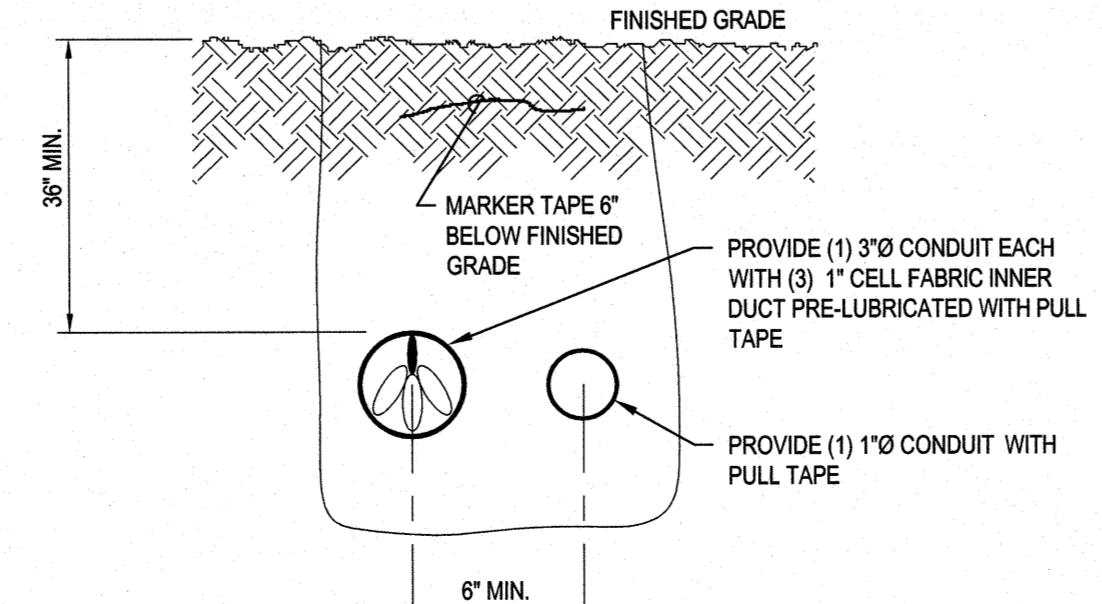


**Electrical Demolition Plan**  
E1.00  
scale: 1" = 20'-0"

DUKE POWER WILL PROVIDE DIP POLE AT BACK OF PROPERTY TO BE FED FROM THIS (X)POWER POLE FOR FEED TO TEMPORARY MOBILE UNITS



**3 EQUIPMENT RACK DETAIL**  
E1.00 Not To Scale



**4 TELECOM DUCTBANK SECTION**  
E1.00 Not To Scale

**KEYED NOTES THIS SHEET ONLY**

- PTAC: CONNECT CONDUIT AND CONDUCTORS REMOVED AND PROTECTED DURING DEMOLITION.
- PTAC: PROVIDE 60A, 2 POLE BREAKER IN EXISTING PANEL, CONNECT CONDUIT AND CONDUCTORS REMOVED AND PROTECTED DURING DEMOLITION.
- EXTERIOR CAMERAS: CONTRACTOR SHALL VERIFY CAMERA IS OPERATIONAL.

**ALTERNATE KEYED NOTE**

A2 MOBILE UNITS: ALL SYSTEMS SECURITY INFRASTRUCTURE SHALL BE INCLUDED IN ALTERNATE #2.

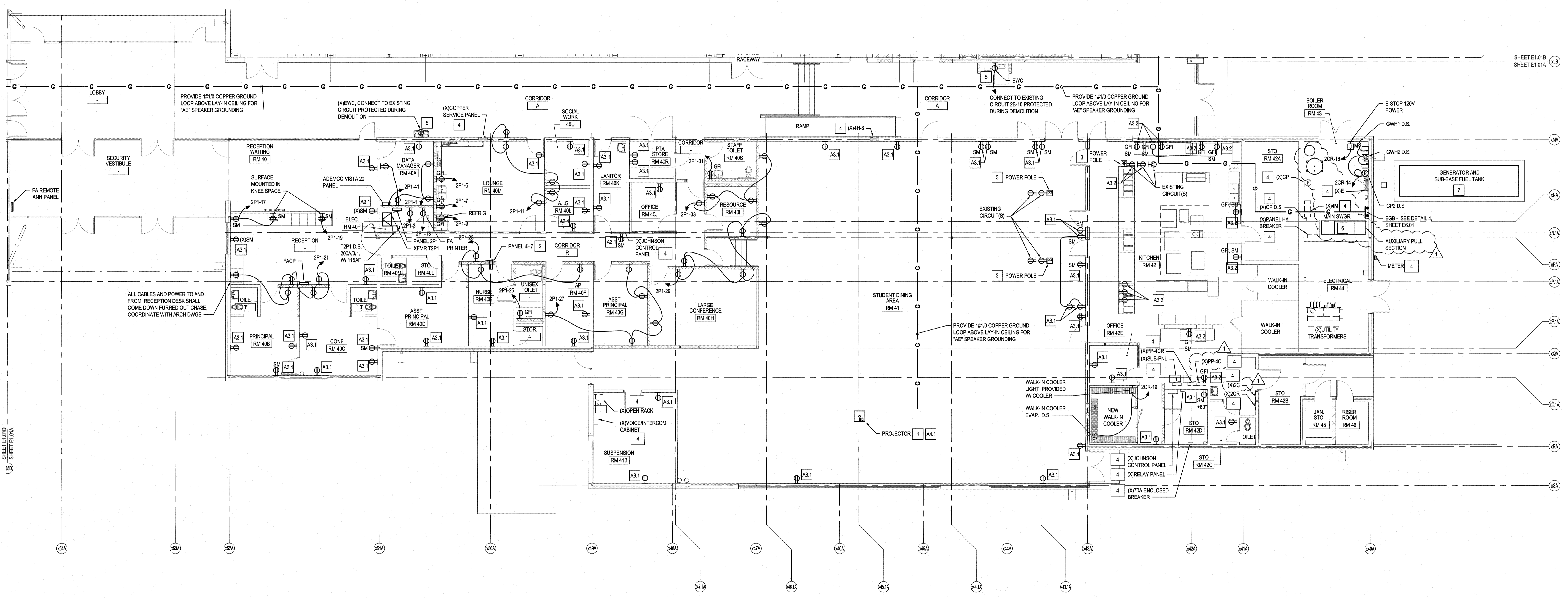
**Site Plan - Electrical**  
E1.00  
scale: 1" = 20'-0"

**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

**SITE PLAN - ELECTRICAL  
DEMOLITION, NEW WORK  
AND DETAILS**

JOB NUMBER  
18005  
DRAWN BY  
HGH  
CHECKED BY  
WAC  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

SHEET NUMBER  
**E1.00**



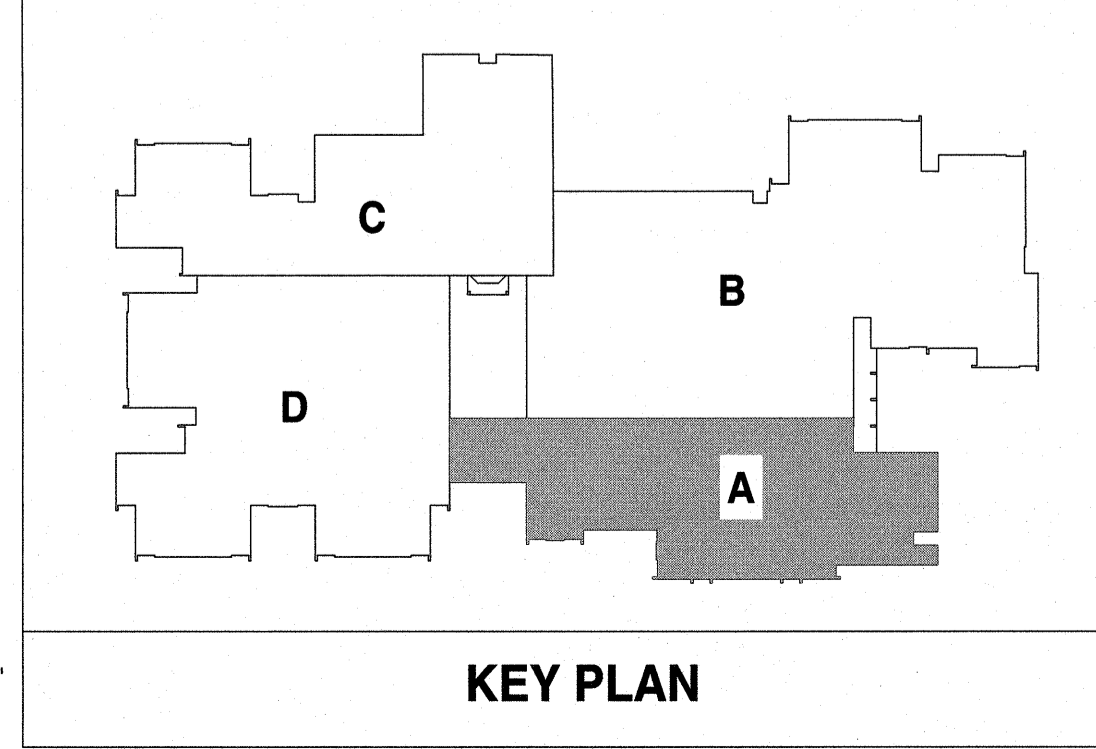
KEYED NOTES THIS SHEET ONLY	
1	PROJECTOR: PROVIDE 2#12 & #12GND, 3/4" CND AND EXTEND CIRCUIT TO PROJECTOR PAN IN LOCATION INDICATED. RECONNECT DUPLEX RECEPTACLE IN PROJECTOR PAN.
2	PROVIDE JUNCTION BOX, (1) ABOVE CEILING AS REQUIRED TO EXTEND PANEL CONDUIT AND CONDUCTORS TO PANEL 4H7 NEW LOCATION, SEE RISER DIAGRAM
3	POWER POLE: CONNECT RECEPTABLES TO CONDUCTORS REMOVED AND PROTECTED ABOVE CEILING DURING DEMOLITION.
4	EQUIPMENT: EQUIPMENT SHALL BE OPERATIONAL AFTER DEMOLITION AND CONSTRUCTION.
5	EWC: ELECTRICAL CONTRACTOR SHALL TRACE EXISTING EWC CIRCUIT AND REPLACE BREAKER WITH GFI BREAKER. PROVIDE DUPLEX RECEPTACLE AND PROVIDE ALL NEW CONDUCTORS FROM GFI BREAKER TO RECEPTACLE. NEUTRAL CONDUCTORS SHALL BE DEDICATED PER BREAKER AND NOT SHARED.
6	MAIN SWGR: SEE RISER DIAGRAM. RECONNECT BRANCH CIRCUITS REMOVED AND PROTECTED DURING DEMOLITION.
7	GENERATOR AND MTS: GENERATOR AND MTS IS THE PROPERTY OF NEW HANOVER COUNTY. PROTECT GENERATOR IN PLACE, REMOVE MTS AND DELIVER TO NEW HANOVER COUNTY SCHOOLS FOR STORAGE. NEW HANOVER COUNTY SCHOOLS WILL DELIVER TO NEW HANOVER COUNTY AT A LATER DATE.

ALTERNATE KEYED NOTES	
A3.1	ELECTRICAL CONTRACTOR SHALL PROVIDE RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
A3.2	ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
A4.1	PROJECTOR: EXISTING PROJECTOR CEILING PAN STORED DURING DEMOLITION SHALL BE LOCATED AS SHOWN. CONNECT EXISTING RECEPTABLE IN PROJECTOR CEILING PAN TO EXISTING RECEPTACLE CIRCUIT PROTECTED DURING DEMOLITION.

NOTE: IF ALTERNATE TAKEN TO INSTALL INTERACTIVE FLAT PANEL DISPLAY, PRIOR TO ANY ROUGH-IN AND INSTALLATION THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH NEW HANOVER COUNTY SCHOOLS AND GET APPROVAL FOR ALL FINAL LOCATIONS OF INTERACTIVE FLAT PANEL DISPLAYS AND TEACHER DESKS IN EACH CLASSROOM.

NOTE	
1.	ELECTRICAL CONTRACTOR SHALL SECURE ALL CABLES, CONDUIT AND BOXES LOCATED ABOVE CEILING IN PLACE THAT ARE TO REMAIN OR TO BE REUSED AND FASTENED PER NEC.
2.	ELECTRICAL CONTRACTOR SHALL REMOVE ALL ABANDONED SURFACE MOUNTED RACEWAY ON WALLS AND FLOORS.
3.	ATTEMPT HAS BEEN MADE TO LOCATE AND SHOW ALL RECEPTACLE AND DATA DEVICES ON THESE PLANS AND ARE BELIEVED TO BE CORRECT. NOTWITHSTANDING, THE CONTRACTOR SHALL VERIFY ALL DEVICE LOCATIONS, CIRCUITS, AND WIRING ASSOCIATED WITH WORK FOR THIS PROJECT AND REPLACE ALL DEVICES EVEN IF NOT INDICATED ON PLANS.

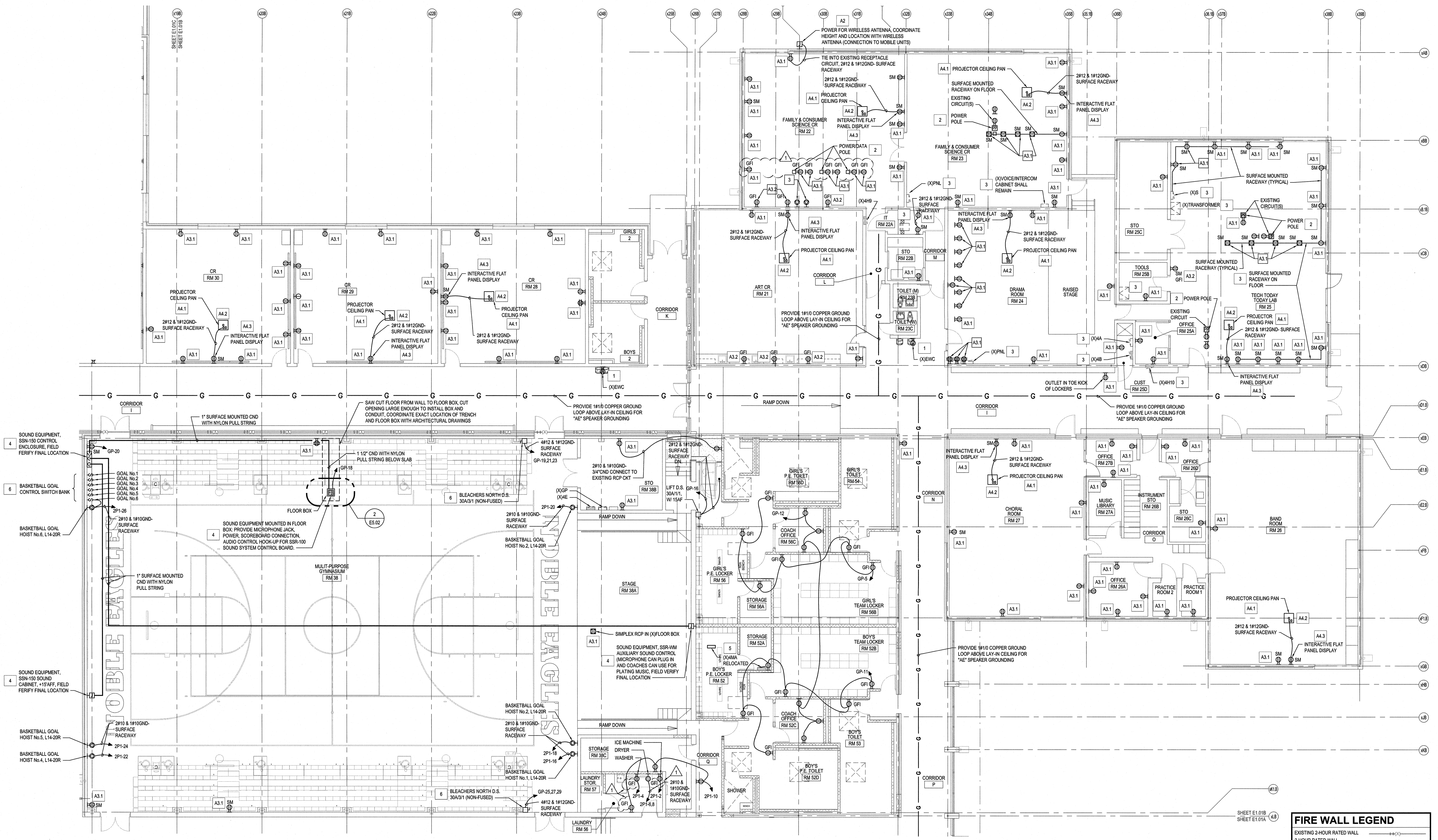
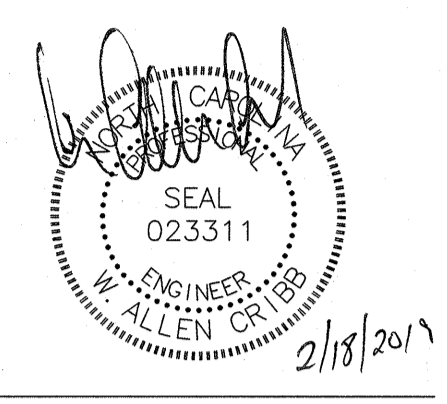
FIRE WALL LEGEND	
EXISTING 2-HOUR RATED WALL	---
2-HOUR RATED WALL	---



**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

POWER FLOOR PLAN -  
 AREA A

JOB NUMBER  
 18005  
 DRAWN BY  
 GH  
 CHECKED BY  
 WAC  
 DATE  
 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT  
 OF PUBLIC INSTRUCTION  
 RESPONSE 2-18-2019



**KEYED NOTES** THIS SHEET ONLY

- 1 EWC: ELECTRICAL CONTRACTOR SHALL TRACE EXISTING EWC CIRCUIT AND REPLACE BREAKER WITH GFI BREAKER. PROVIDE DUPLEX RECEPTACLE AND PROVIDE ALL NEW CONDUCTORS FROM GFI BREAKER TO RECEPTACLE. NEUTRAL CONDUCTORS SHALL BE DEDICATED PER BREAKER AND NOT SHARED.
- 2 POWER POLE: CONNECT RECEPTACLES TO CONDUCTORS REMOVED AND PROTECTED ABOVE CEILING DURING DEMOLITION.
- 3 EQUIPMENT: EQUIPMENT SHALL BE OPERATIONAL AFTER DEMOLITION AND CONSTRUCTION. RECEPTACLE CIRCUITS SHALL REMAIN AS CIRCUITED PRIOR TO DEMOLITION UNLESS SPECIFICALLY NOTED OTHERWISE.
- 4 SOUND EQUIPMENT: SOUND SYSTEM PURCHASED BY NEW HANOVER COUNTY. SYSTEM SHALL BE WIRELESS WITH REDUNDANT HARDWARE CONNECTIONS SIMILAR TO DAKTRONICS. SOUND SYSTEM AND ALL HARDWARE CONNECTIONS AND RACEWAY SHALL BE INSTALLED BY THE AV CONTRACTOR.
- 5 (X)PANEL 4MA: REWORK EXISTING FEEDER CONDUIT AND CONDUCTORS TO ROUTE TO NEW LOCATION OF PANEL 4MA. SEE PLAN ON SHEET E1.01B. PROVIDE JUNCTION BOX ABOVE CEILING AS REQUIRED TO EXTEND BRANCH CIRCUIT CONDUIT AND CONDUCTORS TO PANEL 4MA NEW LOCATION. SEE RISER DIAGRAM
- 6 INTERCONNECT BLEACHER CONTROLS AND CROSS-COURT BACKBOARDS SUCH THAT WHEN BLEACHERS ARE EXTENDED CROSS-COURT BACKBOARDS CANNOT BE LOWERED AND WHEN BACKBOARDS ARE LOWERED, BLEACHERS CANNOT BE EXTENDED. PROVIDE ALL RELAYS, CONTACTS AND WIRING REQUIRED TO PROVIDE

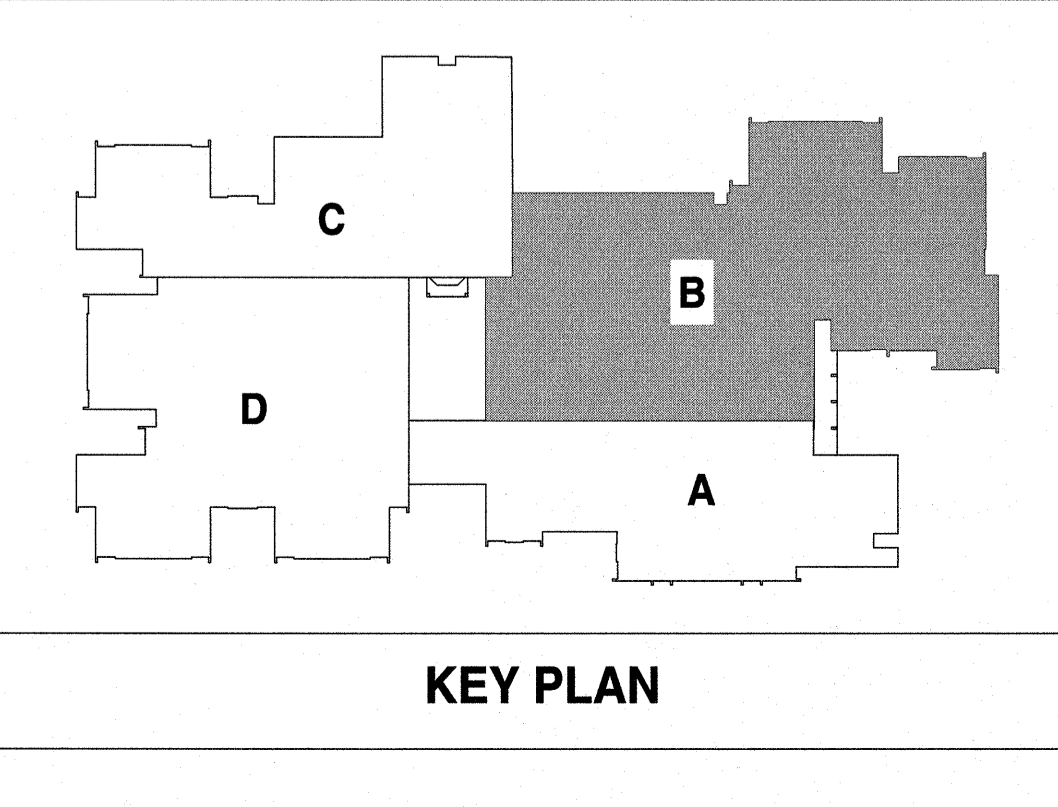
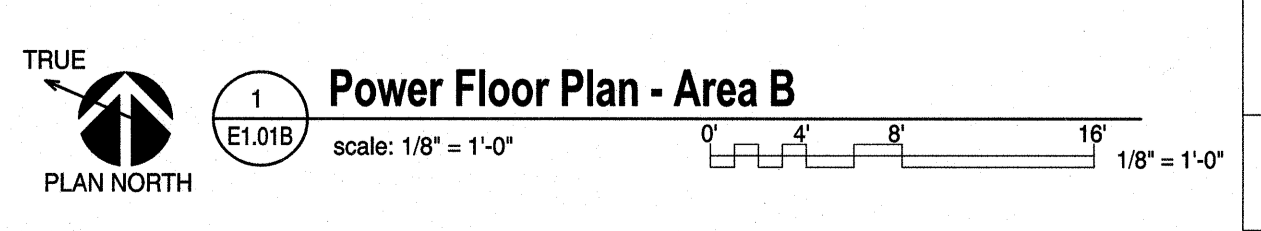
**ALTERNATE KEYED NOTES**

- A2 MOBILE LATE DEMOLITION SYSTEMS SHALL BE REMOVED FROM THE 2ND FLOOR LOCKER ROOMS DISTRIBUTION PANEL, FIRE ALARM, SECURITY, DATA, ETC.
- A3.1 ELECTRICAL CONTRACTOR SHALL PROVIDE RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
- A3.2 ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
- A4.1 EXISTING PROJECTOR CEILING PAN STORED DURING DEMOLITION SHALL BE LOCATED AS SHOWN, CONNECT EXISTING RECEPTACLE IN PROJECTOR CEILING PAN TO EXISTING RECEPTACLE CIRCUIT PROTECTED DURING DEMOLITION. SEE DETAIL 4, SHEET E5.02.
- A4.2 EA SPEAKER LOCATE SPEAKER LOCATION INDICATED. CONNECT SPEAKER CABLE FROM 3 SMM JACK LOCATED IN SURFACE BOX AT TEACHERS STATION. POWER SPEAKER FROM RECEPTACLE MOUNTED IN PROJECTOR CEILING PAN. SEE DETAIL 4, SHEET E5.02.
- A4.3 INTERACTIVE FLAT PANEL DISPLAY: PROVIDE SURFACE MOUNTED DUPLEX RECEPTACLE ABOVE SCREEN, SEE DETAIL 4, SHEET E5.02

NOTE: IF ALTERNATE TAKEN TO INSTALL INTERACTIVE FLAT PANEL DISPLAY. PRIOR TO ANY ROUGH-IN AND INSTALLATION THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH NEW HANOVER COUNTY SCHOOLS AND GET APPROVAL FOR ALL FINAL LOCATIONS OF INTERACTIVE FLAT PANEL DISPLAYS AND TEACHER DESKS IN EACH CLASSROOM.

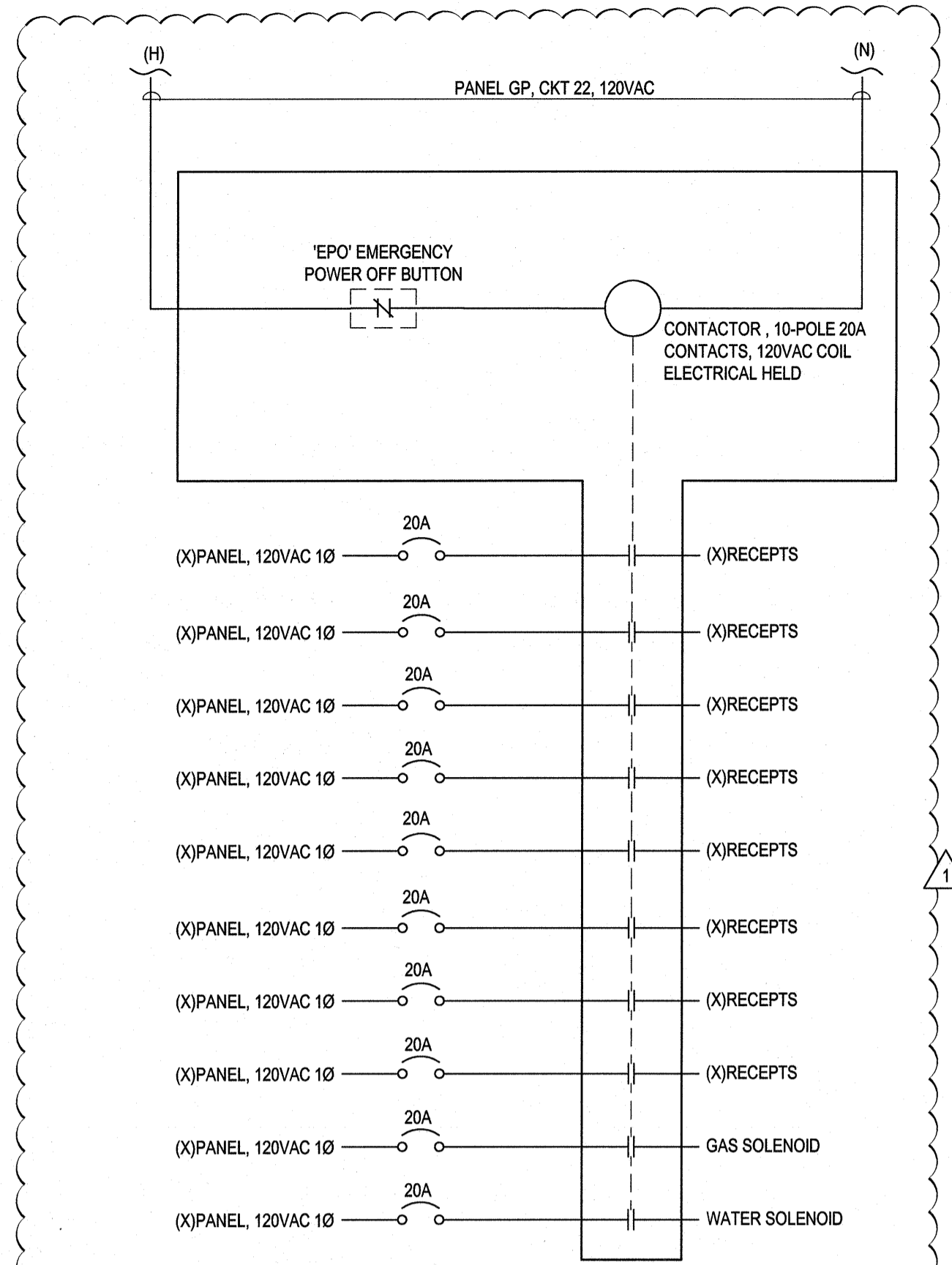
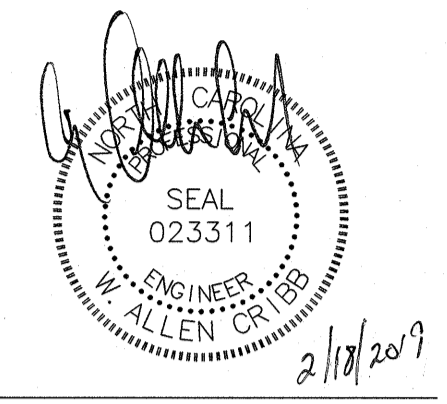
**NOTE**

1. ELECTRICAL CONTRACTOR SHALL SECURE ALL CABLES, CONDUIT AND BOXES LOCATED ABOVE CEILING IN PLACE THAT ARE TO REMAIN OR TO BE REUSED AND FASTENED PER NEC.
2. ELECTRICAL CONTRACTOR SHALL REMOVE ALL ABANDONED SURFACE MOUNTED RACEWAY ON WALLS AND FLOORS.
3. ATTEMPT HAS BEEN MADE TO LOCATE AND SHOW ALL RECEPTACLE AND DATA DEVICES ON THESE PLANS AND ARE BELIEVED TO BE CORRECT. NOTWITHSTANDING, THE CONTRACTOR SHALL VERIFY ALL DEVICE LOCATIONS, CIRCUITS, AND WIRING ASSOCIATED WITH WORK FOR THIS PROJECT AND REPLACE ALL DEVICES EVEN IF NOT INDICATED ON PLANS.

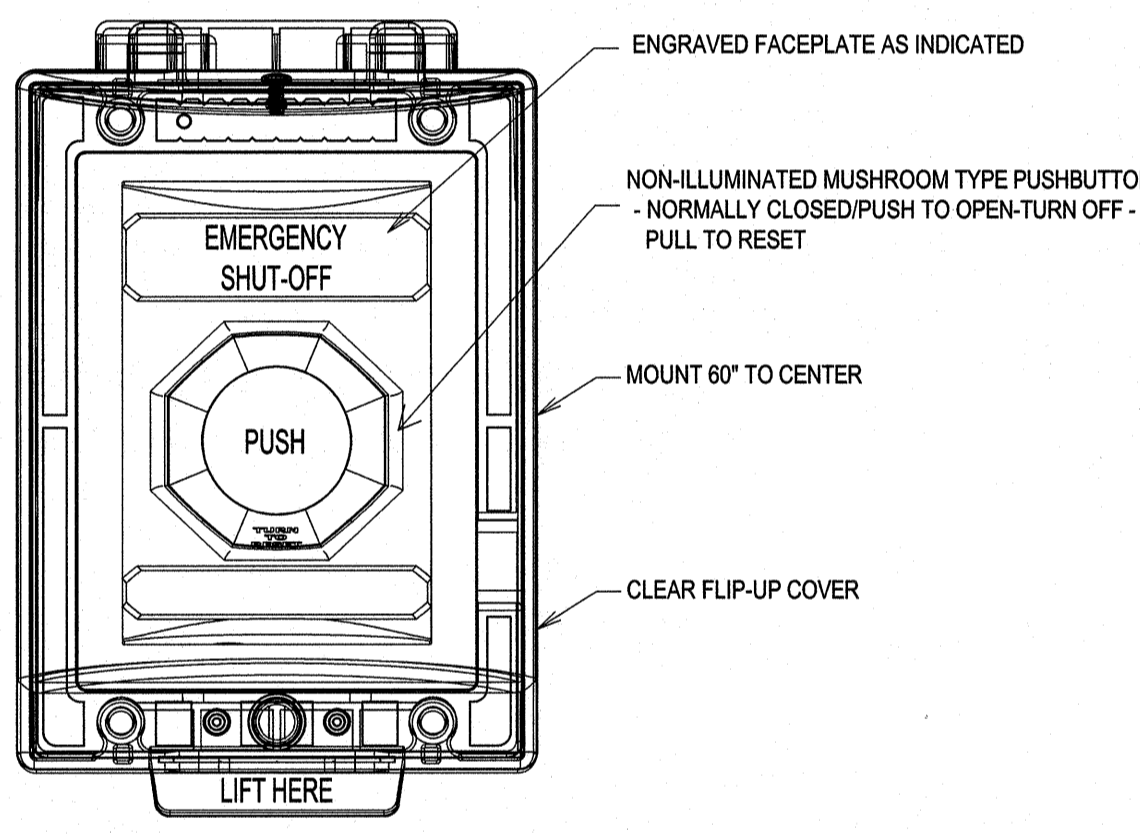


**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

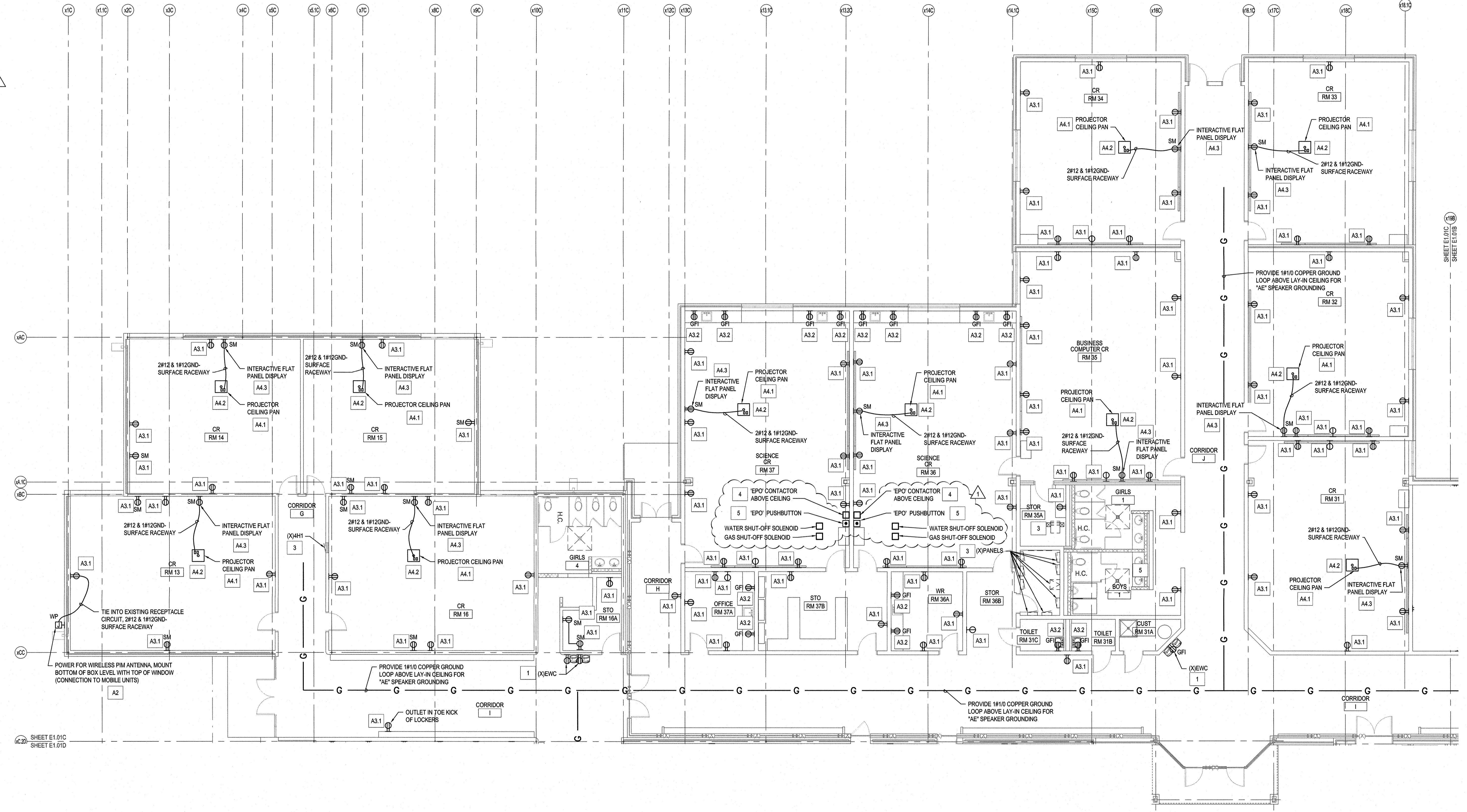
**POWER FLOOR PLAN - AREA B**  
 JOB NUMBER 19005  
 DRAWN BY HGH  
 CHECKED BY WAC  
 DATE 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019  
 SHEET NUMBER **E1.01B**



**EPO CONTACTOR, CLASSROOMS CR36, CR37, CR9, CR10, CR11 and CR12**  
E1.01C Not To Scale



**EMERGENCY POWER OFF "EPO" BUTTON DETAIL**  
E1.01C Not To Scale



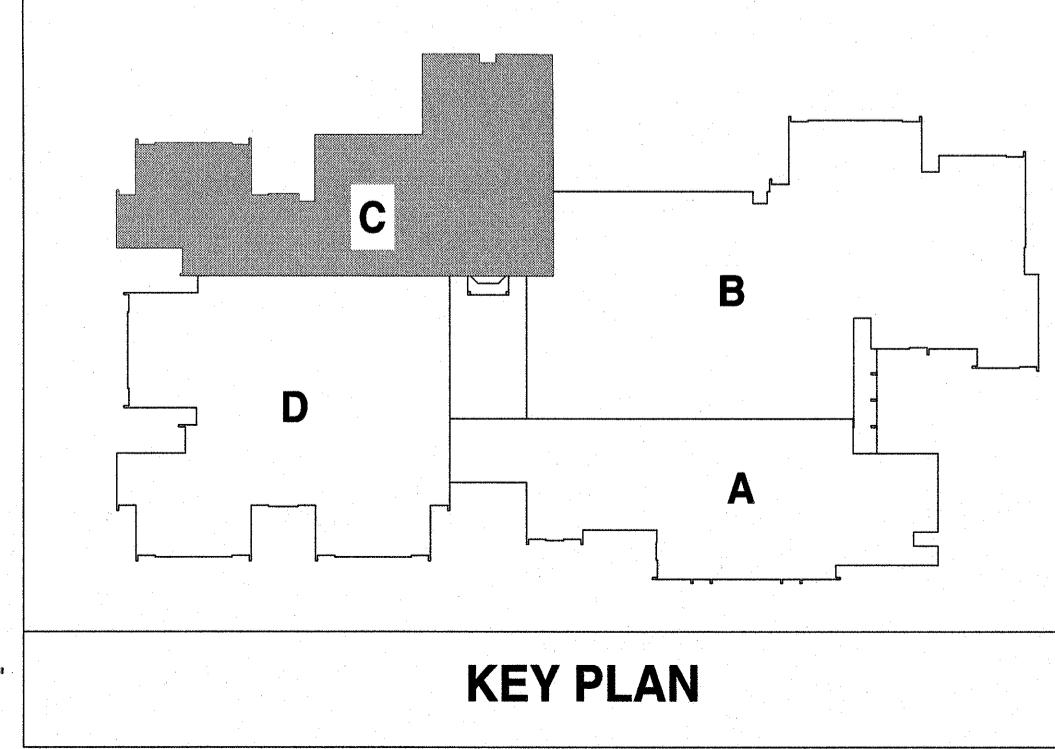
KEYED NOTES THIS SHEET ONLY	
1	EWG: ELECTRICAL CONTRACTOR SHALL TRACE EXISTING EWG CIRCUIT AND REPLACE BREAKER WITH GFI BREAKER. PROVIDE DUPLEX RECEPTACLE AND NEW CONDUCTORS. NEUTRAL CONDUCTORS SHALL BE DEDICATED PER BREAKER AND NOT SHARED.
2	NOT USED
3	EQUIPMENT: EQUIPMENT SHALL BE OPERATIONAL AFTER DEMOLITION AND CONSTRUCTION.
4	EPO CONTACTOR: EXISTING RECEPTACLE CIRCUITS, WATER AND GAS SHUT-OFF SOLENOIDS SHALL BE ROUTED THROUGH EPO CONTACTOR LOCATED ABOVE CEILING. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING CIRCUITS. SEE DETAIL 2, E1.01C
5	EPO PUSHBUTTON: SEE DETAIL 3, SHEET E1.01C FIELD VERIFY EXACT LOCATION WITH ARCHITECT/TOWNER.

ALTERNATE KEYED NOTES	
A2	MOBILE UNITS: ALL INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO UTILITY POWER, DISTRIBUTION PANEL, FIRE ALARM, SECURITY, DATA, PA ETC.
A3.1	ELECTRICAL CONTRACTOR SHALL PROVIDE RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
A3.2	ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
A4.1	EXISTING PROJECTOR CEILING PAN STORED DURING DEMOLITION SHALL BE LOCATED AS SHOWN, CONNECT EXISTING RECEPTACLE IN PROJECTOR CEILING PAN TO EXISTING RECEPTACLE CIRCUIT PROTECTED DURING DEMOLITION SEE DETAIL 4, SHEET E5.02.
A4.2	EA SPEAKER: LOCATE SPEAKER IN LOCATION INDICATED. CONNECT SPEAKER CABLE FROM 3.5MM JACK LOCATED IN SURFACE BOX AT TEACHERS STATION. POWER SPEAKER FROM RECEPTACLE MOUNTED IN PROJECTOR CEILING PAN. SEE DETAIL 4, SHEET E5.02.
A4.3	INTERACTIVE FLAT PANEL DISPLAY: PROVIDE SURFACE MOUNTED DUPLEX RECEPTACLE ABOVE SCREEN, SEE DETAIL 4, SHEET E5.02.
A4.4	INTERACTIVE FLAT PANEL DISPLAY: UTILIZE EXISTING SURFACE MOUNTED DUPLEX RECEPTACLE ABOVE SCREEN, ADJUST RECEPTACLE LOCATION TO ACCOMMODATE INTERACTIVE FLAT PANEL DISPLAY LOCATION, SEE DETAIL 4, SHEET E5.02.

NOTE: IF ALTERNATE TAKEN TO INSTALL INTERACTIVE FLAT PANEL DISPLAY, PRIOR TO ANY ROUGH-IN AND INSTALLATION THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH NEW HANOVER COUNTY SCHOOLS AND GET APPROVAL FOR ALL FINAL LOCATIONS OF INTERACTIVE FLAT PANEL DISPLAYS AND TEACHER DESKS IN EACH CLASSROOM.

NOTE	
1.	ELECTRICAL CONTRACTOR SHALL SECURE ALL CABLES, CONDUIT AND BOXES LOCATED ABOVE CEILING IN PLACE THAT ARE TO REMAIN OR TO BE REUSED AND FASTENED PER NEC.
2.	ELECTRICAL CONTRACTOR SHALL REMOVE ALL ABANDONED SURFACE MOUNTED RACEWAY ON WALLS AND FLOORS.
3.	ATTEMPT HAS BEEN MADE TO LOCATE AND SHOW ALL RECEPTACLE AND DATA DEVICES ON THESE PLANS AND ARE BELIEVED TO BE CORRECT. NOTWITHSTANDING, THE CONTRACTOR SHALL VERIFY ALL DEVICE LOCATIONS, CIRCUITS, AND WIRING ASSOCIATED WITH WORK FOR THIS PROJECT AND REPLACE ALL DEVICES EVEN IF NOT INDICATED ON PLANS.

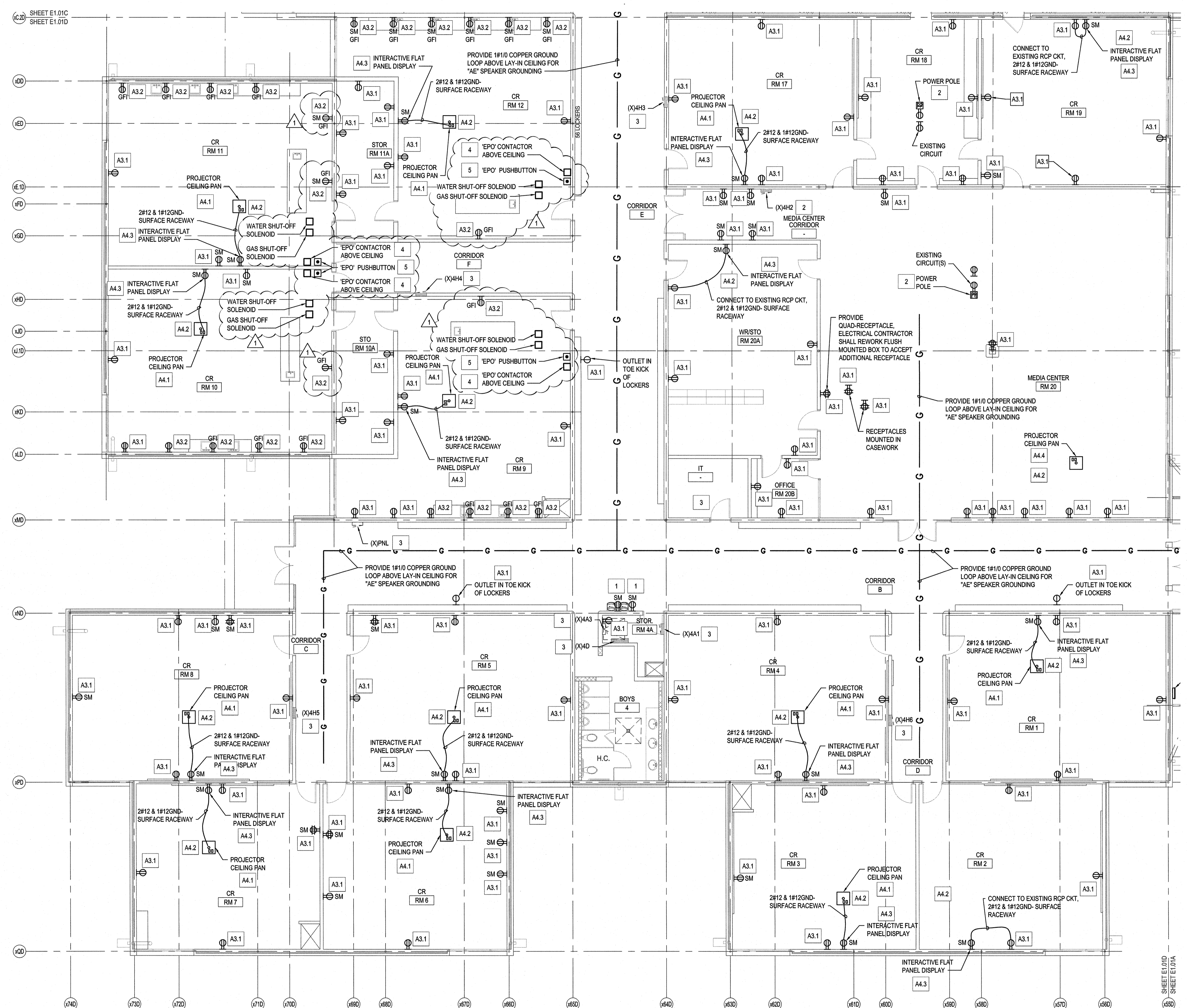
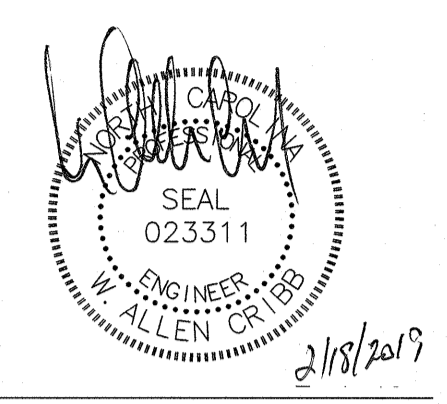
FIRE WALL LEGEND	
EXISTING 2-HOUR RATED WALL	
2-HOUR RATED WALL	



**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

POWER FLOOR PLAN - AREA C

JOB NUMBER: 18005  
DRAWN BY: HGH  
CHECKED BY: WAC  
DATE: 02-04-2019  
REVISIONS:  
ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019

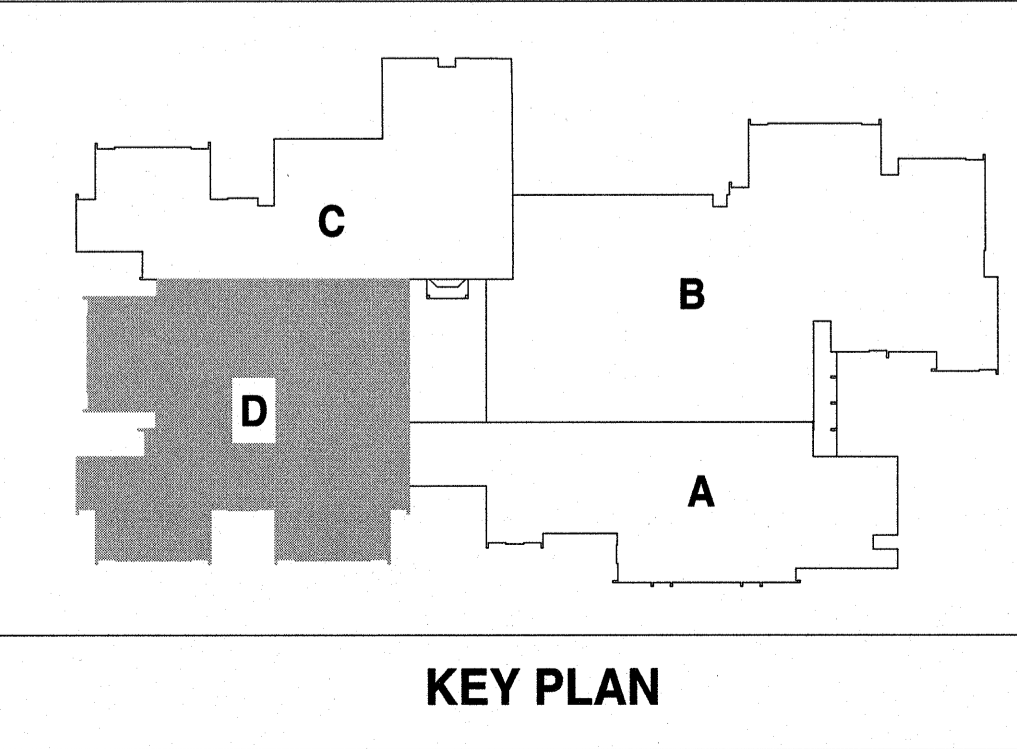


KEYED NOTES THIS SHEET ONLY	
1	EVC: ELECTRICAL CONTRACTOR SHALL TRACE EXISTING EVC CIRCUIT AND REPLACE BREAKER WITH GFI BREAKER, PROVIDE DUPLEX RECEPTACLE AND NEW CONDUCTORS. NEUTRAL CONDUCTORS SHALL BE DEDICATED PER BREAKER AND NOT SHARED.
2	POWER POLE: CONNECT RECEPTACLES TO CONDUCTORS REMOVED AND PROTECTED ABOVE CEILING DURING DEMOLITION.
3	EQUIPMENT: EQUIPMENT SHALL BE OPERATIONAL AFTER DEMOLITION AND CONSTRUCTION.
4	EPO CONTACTOR: EXISTING RECEPTACLE CIRCUITS, WATER AND GAS SHUT-OFF SOLENOIDS SHALL BE ROUTED THRU EPO CONTACTOR LOCATED ABOVE CEILING. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING CIRCUITS. SEE DETAIL 2, E1.01C
5	EPO PUSHBUTTON: SEE DETAIL 3, SHEET E1.01C FIELD VERIFY EXACT LOCATION WITH ARCHITECT/OWNER.

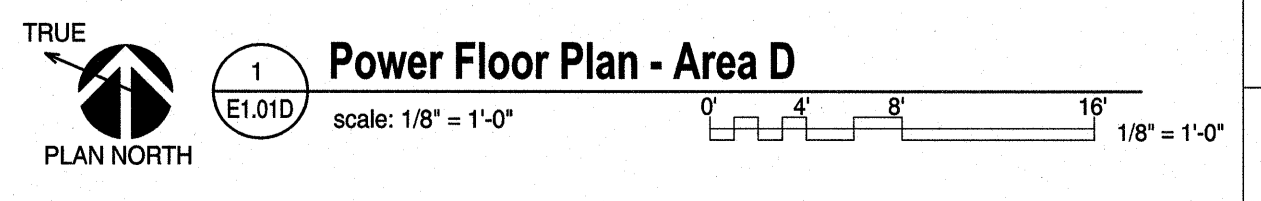
ALTERNATE KEYED NOTES	
A3.1	ELECTRICAL CONTRACTOR SHALL PROVIDE RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
A3.2	ELECTRICAL CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE AND FACEPLATE IN EXISTING BOX, CONNECT TO EXISTING CIRCUIT REMOVED AND PROTECTED DURING DEMOLITION.
A4.1	EXISTING PROJECTOR CEILING PAN STORED DURING DEMOLITION SHALL BE LOCATED AS SHOWN, CONNECT EXISTING RECEPTACLE IN PROJECTOR CEILING PAN TO EXISTING RECEPTACLE CIRCUIT PROTECTED DURING DEMOLITION SEE DETAIL 4, SHEET E5.02.
A4.2	EA SPEAKER: LOCATE SPEAKER IN LOCATION INDICATED, CONNECT SPEAKER CABLE FROM 3.5MM JACK LOCATED IN SURFACE BOX AT TEACHERS STATION. POWER SPEAKER FROM RECEPTACLE MOUNTED IN PROJECTOR CEILING PAN, SEE DETAIL 4, SHEET E5.02.
A4.3	INTERACTIVE FLAT PANEL DISPLAY: PROVIDE SURFACE MOUNTED DUPLEX RECEPTACLE ABOVE SCREEN, SEE DETAIL 4, SHEET E5.02.
A4.4	PROJECTOR: EXISTING PROJECTOR CEILING PAN STORED DURING DEMOLITION SHALL BE LOCATED AS SHOWN, CONNECT EXISTING RECEPTACLE IN PROJECTOR CEILING PAN TO EXISTING RECEPTACLE CIRCUIT PROTECTED DURING DEMOLITION.

NOTE	
1.	ELECTRICAL CONTRACTOR SHALL SECURE ALL CABLES, CONDUIT AND BOXES LOCATED ABOVE CEILING IN PLACE THAT ARE TO REMAIN OR TO BE REUSED AND FASTENED PER NEC.
2.	ELECTRICAL CONTRACTOR SHALL REMOVE ALL ABANDONED SURFACE MOUNTED RACEWAY ON WALLS AND FLOORS.
3.	ATTEMPT HAS BEEN MADE TO LOCATE AND SHOW ALL RECEPTACLE AND DATA DEVICES ON THESE PLANS AND ARE BELIEVED TO BE CORRECT. NOTWITHSTANDING, THE CONTRACTOR SHALL VERIFY ALL DEVICE LOCATIONS, CIRCUITS, AND WIRING ASSOCIATED WITH WORK FOR THIS PROJECT AND REPLACE ALL DEVICES EVEN IF NOT INDICATED ON PLANS.

FIRE WALL LEGEND	
EXISTING 2-HOUR RATED WALL	
2-HOUR RATED WALL	



NOTE: IF ALTERNATE TAKEN TO INSTALL INTERACTIVE FLAT PANEL DISPLAY, PRIOR TO ANY ROUGH-IN AND INSTALLATION THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH NEW HANOVER COUNTY SCHOOLS AND GET APPROVAL FOR ALL FINAL LOCATIONS OF INTERACTIVE FLAT PANEL DISPLAYS AND TEACHER DESKS IN EACH CLASSROOM.

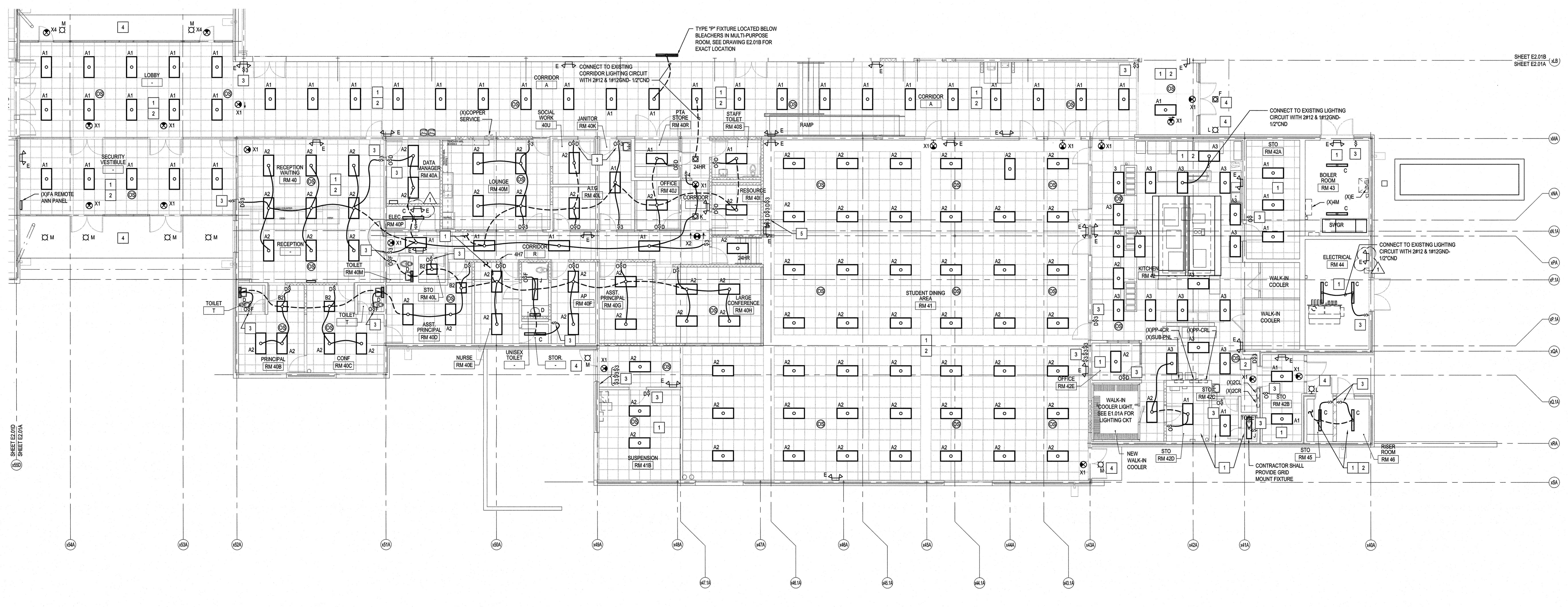
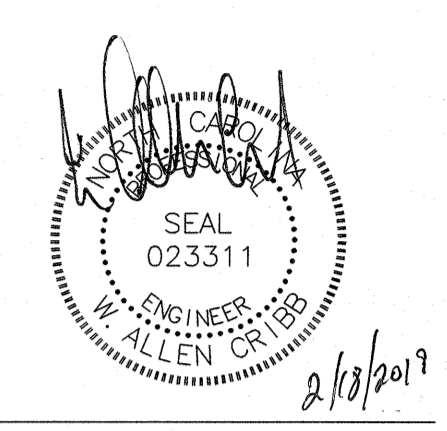


**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

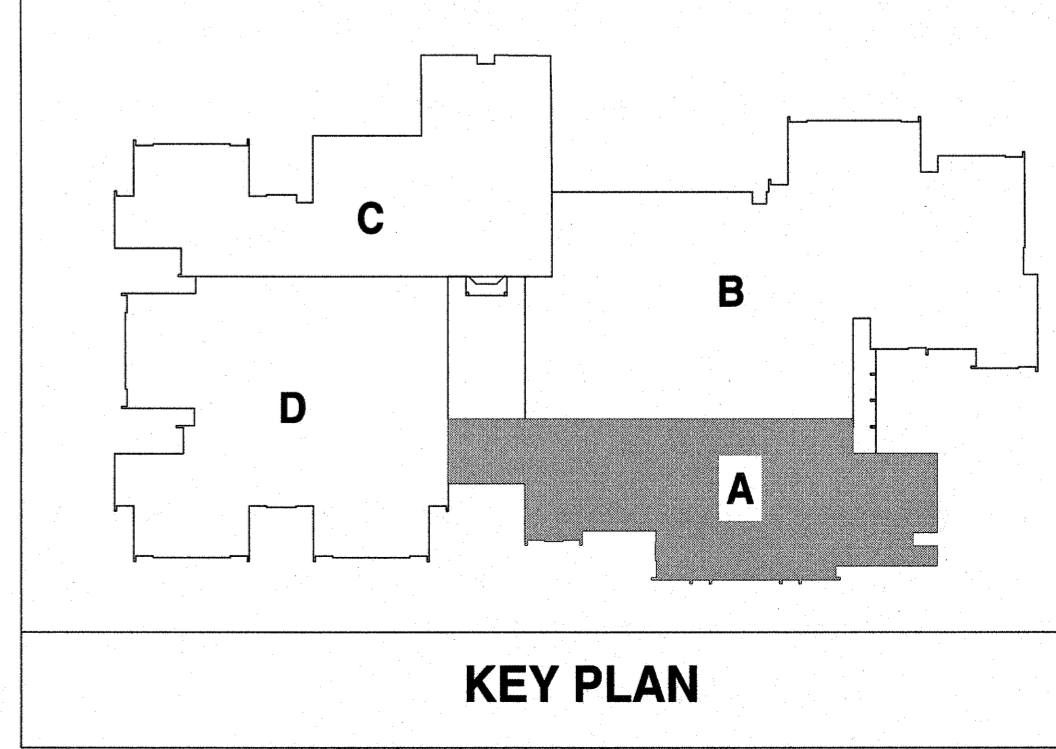
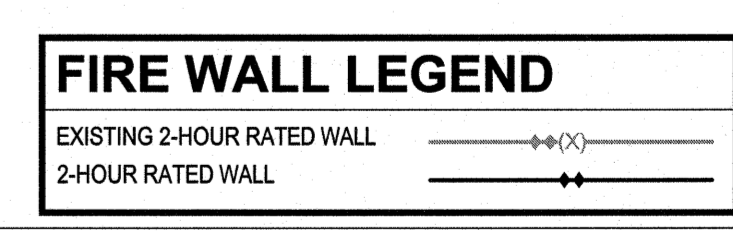
POWER FLOOR PLAN -  
 AREA D

JOB NUMBER  
 18005  
 DRAWN BY  
 HGH  
 CHECKED BY  
 WAC  
 DATE  
 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT  
 OF PUBLIC INSTRUCTION  
 RESPONSE 2-18-2019

SHEET NUMBER  
**E1.01D**



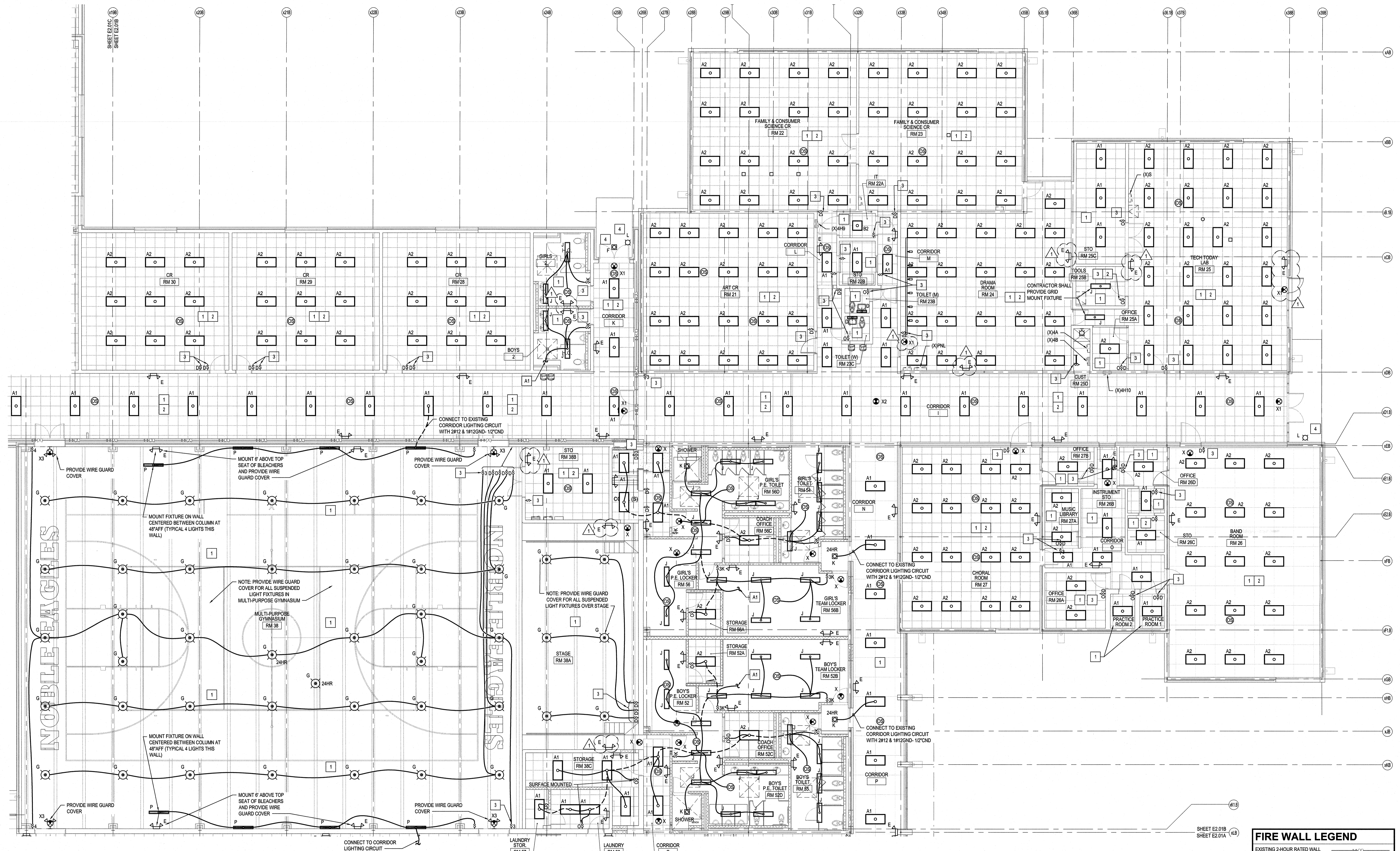
- KEYED NOTES**
- 1 INTERIOR LIGHTS: CONNECT FIXTURES TO EXISTING LIGHTING CIRCUIT UTILIZED PRIOR TO DEMOLITION IN EACH AREA.
  - 2 POWER SUPPLY(S) AND OCC SENSOR(S): SEE DETAILS ON E.03 FOR CONNECTION DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - 3 SWITCH: UTILIZE EXISTING CONDUIT AND FLUSH MOUNTED BOX FOR INSTALLATION OF LV SWITCH AND CABLE. SEE DETAILS ON E.03 FOR SWITCHING DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - 4 EXTERIOR EGRESS LIGHT: CONNECT TO EXISTING LIGHTING CKT PROTECTED DURING DEMOLITION. PROVIDE 2#12 & 1#12GND EXISTING CONDUIT. PROVIDE 3/4\"/>



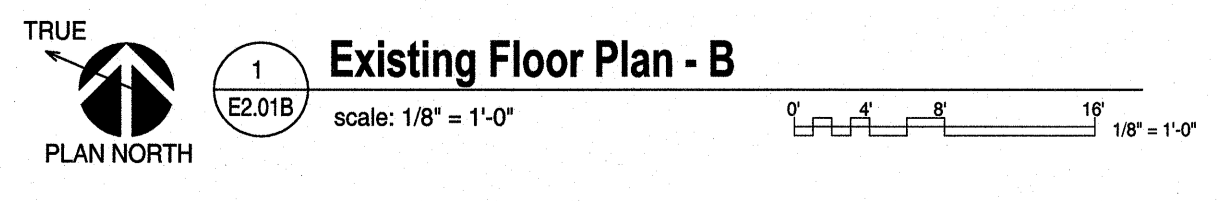
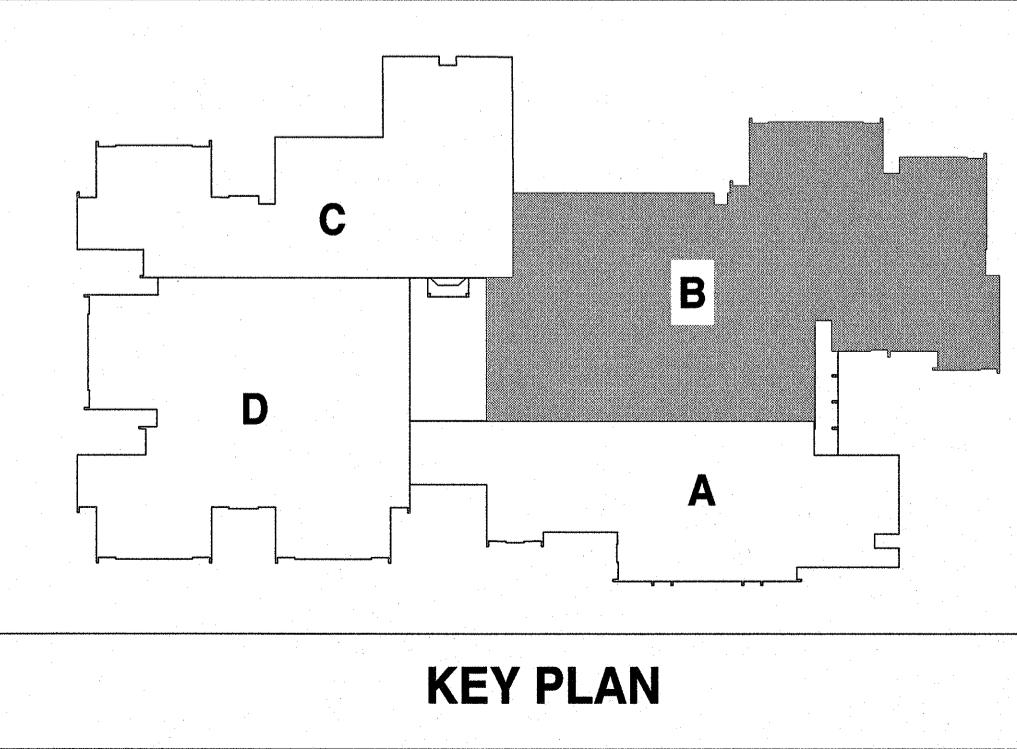
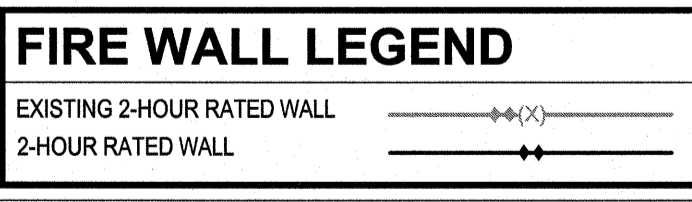
**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

ELECTRICAL FLOOR PLAN -  
 LIGHTING FLOOR PLAN -  
 AREA A

JOB NUMBER: 19005  
 DRAWN BY: GH  
 CHECKED BY: WAC  
 DATE: 02-04-2019  
 REVISIONS:  
 ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019



- KEYED NOTES**
- INTERIOR LIGHTS: CONNECT FIXTURES TO EXISTING LIGHTING CIRCUIT UTILIZED PRIOR TO DEMOLITION IN EACH AREA.
  - POWER SUPPLIES AND OCC SENSOR(S): SEE DETAILS ON E.03 FOR CONNECTION DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - SWITCH: UTILIZE EXISTING CONDUIT AND FLUSH MOUNTED BOX FOR INSTALLATION OF LV SWITCH AND CABLE. SEE DETAILS ON E.03 FOR SWITCHING DIAGRAMS. PROVIDE BLANK PLATE COVER ON BOXES NO LONGER IN USE OR NEEDED. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - EXTERIOR EGRESS LIGHT: CONNECT TO EXISTING LIGHTING CKT PROTECTED DURING DEMOLITION. PROVIDE 2#12 & 1#12GND EXISTING CONDUIT. PROVIDE 3/4\"/>



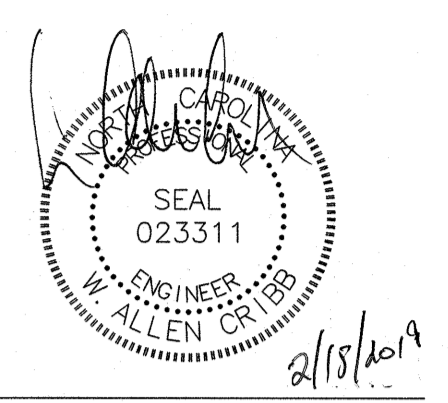
**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

ELECTRICAL FLOOR PLAN -  
AREA B

JOB NUMBER  
18005  
DRAWN BY  
GHM  
CHECKED BY  
WAC  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

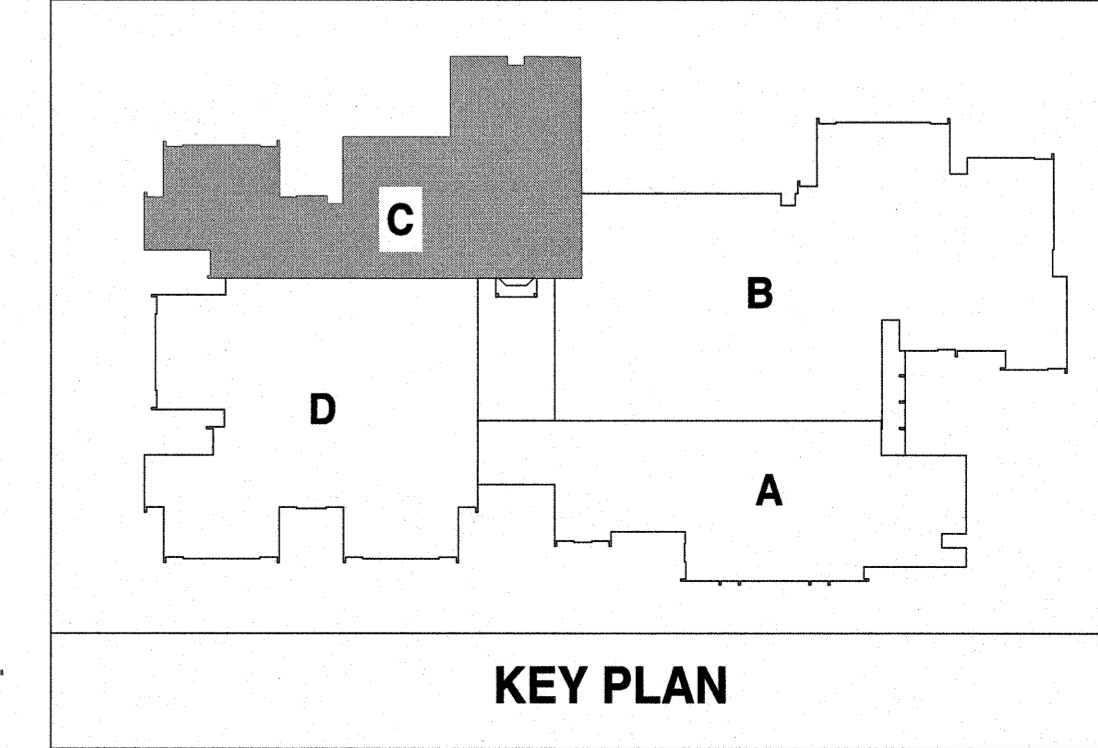
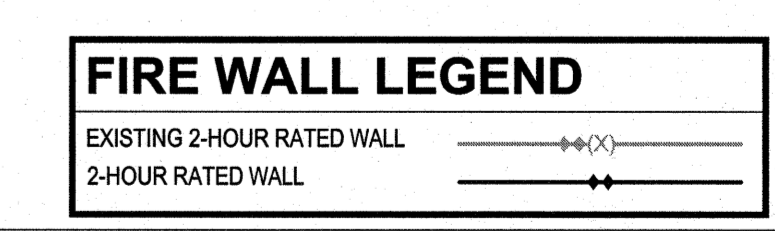
SHEET NUMBER  
**E2.01B**





SHEET E2.01C  
 SHEET E2.01D

- KEYED NOTES**
- 1 INTERIOR LIGHTS: CONNECT FIXTURES TO EXISTING LIGHTING CIRCUIT UTILIZED PRIOR TO DEMOLITION IN EACH AREA.
  - 2 POWER SUPPLY(S) AND OCC SENSOR(S): SEE DETAILS ON E.03 FOR CONNECTION DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - 3 SWITCH: UTILIZE EXISTING CONDUIT AND FLUSH MOUNTED BOX FOR INSTALLATION OF LV SWITCH AND CABLE. SEE DETAILS ON E.03 FOR SWITCHING DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - 4 EXTERIOR EGRESS LIGHT: CONNECT TO EXISTING LIGHTING OKT PROTECTED DURING DEMOLITION, PROVIDE #12 & #12GND EXISTING CONDUIT. PROVIDE 3/4" CONDUIT WHERE REQUIRED FOR NEW FIXTURES

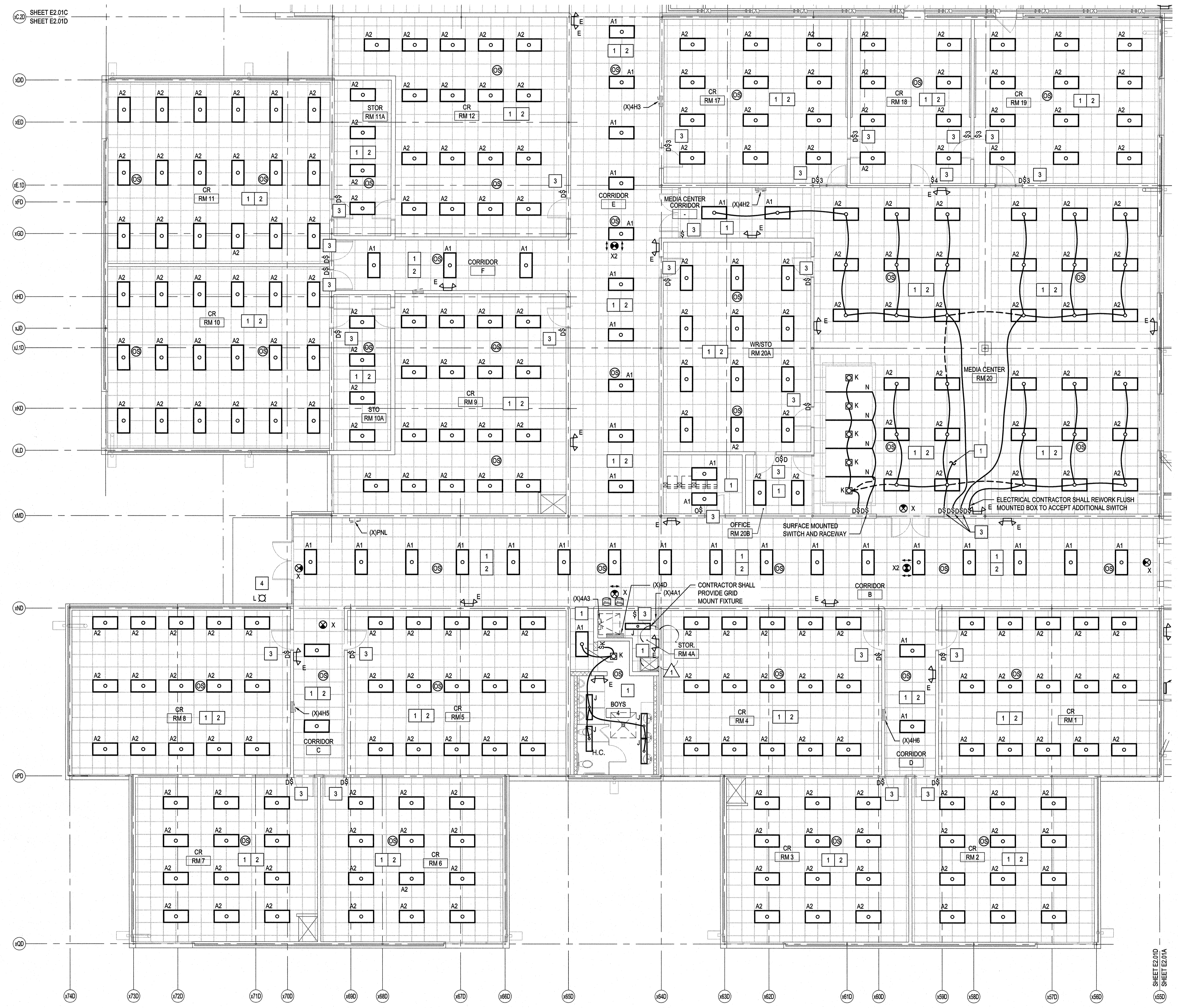
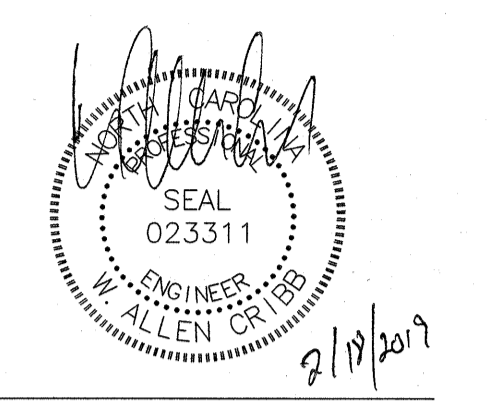


**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

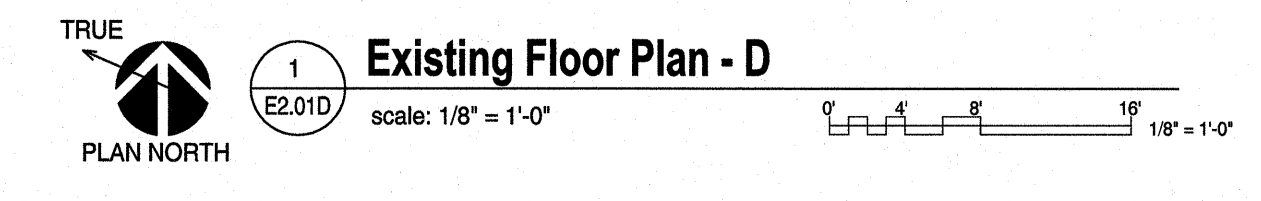
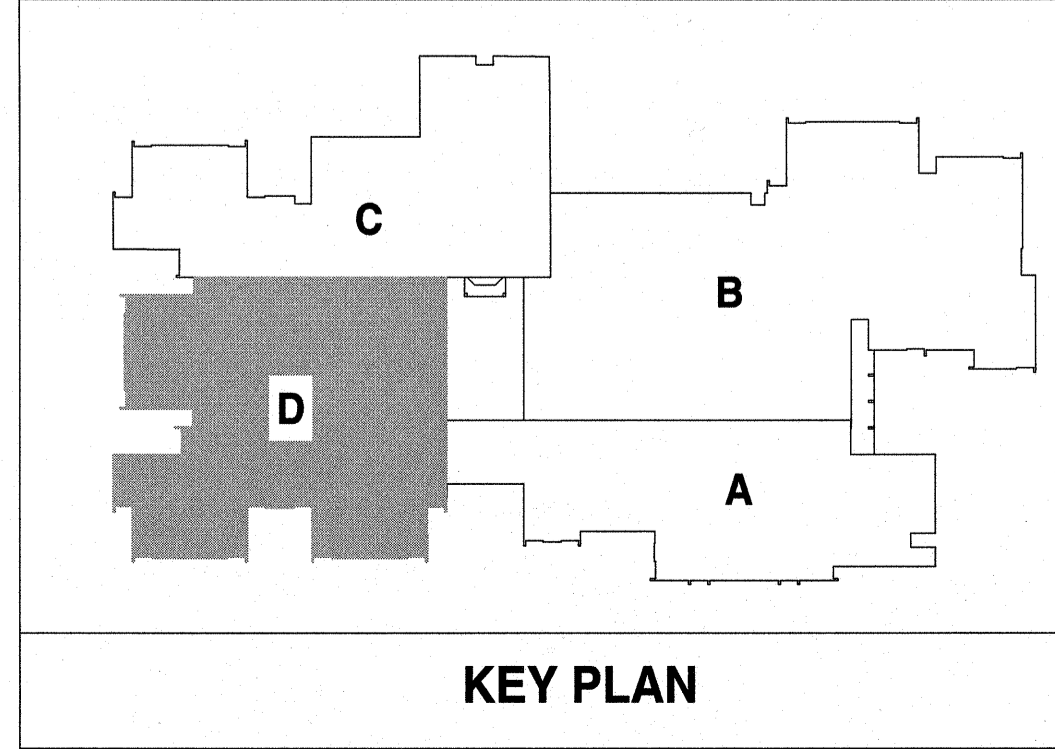
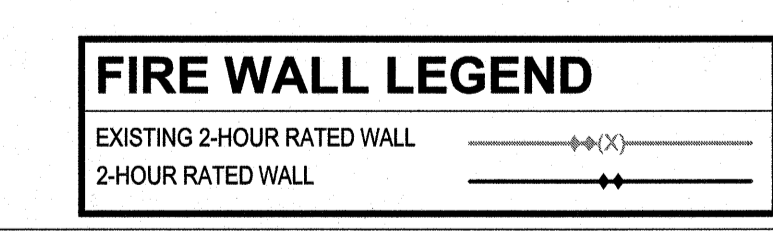
**ELECTRICAL LIGHTING FLOOR PLAN - AREA C**

JOB NUMBER  
 18005  
 DRAWN BY  
 HGH  
 CHECKED BY  
 WAC  
 DATE  
 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019

SHEET NUMBER  
**E2.01C**



- KEYED NOTES**
- 1 INTERIOR LIGHTS: CONNECT FIXTURES TO EXISTING LIGHTING CIRCUIT UTILIZED PRIOR TO DEMOLITION IN EACH AREA.
  - 2 POWER SUPPLIES AND OCC SENSORS: SEE DETAILS ON E.03 FOR CONNECTION DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - 3 SWITCH: UTILIZE EXISTING CONDUIT AND FLUSH MOUNTED BOX FOR INSTALLATION OF LV SWITCH AND CABLE. SEE DETAILS ON E.03 FOR SWITCHING DIAGRAMS. CONTRACTOR SHALL PROVIDE A LABEL ON THE CEILING GRID T-BAR IDENTIFYING THE LOCATION ABOVE FOR LIGHTING CONTROL COMPONENTS. COORDINATE LABEL TYPE AND COLOR WITH ARCHITECT.
  - 4 EXTERIOR EGRESS LIGHT: CONNECT TO EXISTING LIGHTING CKT PROTECTED DURING DEMOLITION, PROVIDE 2#12 & 1#12GND EXISTING CONDUIT. PROVIDE 3/4" CONDUIT WHERE REQUIRED FOR NEW FIXTURES.

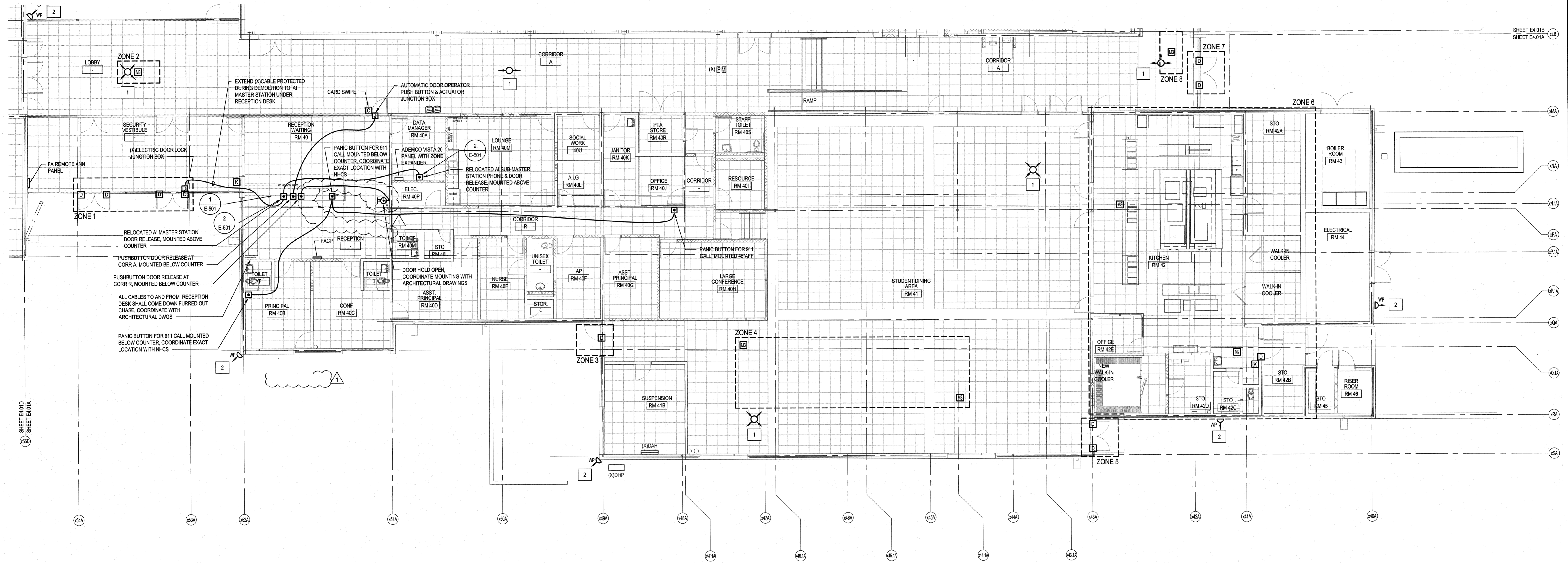
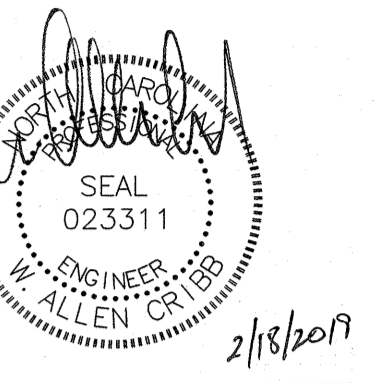


**Renovations to:**  
**M.C.S. Noble Middle School**  
 6520 Market Street  
 Wilmington, North Carolina 28405

**ELECTRICAL LIGHTING FLOOR PLAN - AREA D**

JOB NUMBER 18005  
 DRAWN BY HGH  
 CHECKED BY WAC  
 DATE 02-04-2019  
 REVISIONS  
 ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019

SHEET NUMBER **E2.01D**

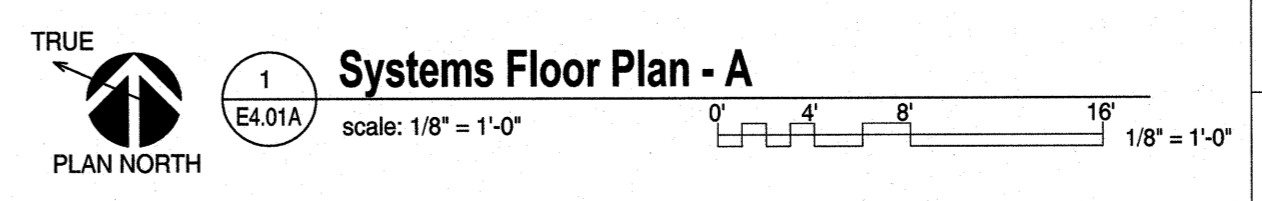
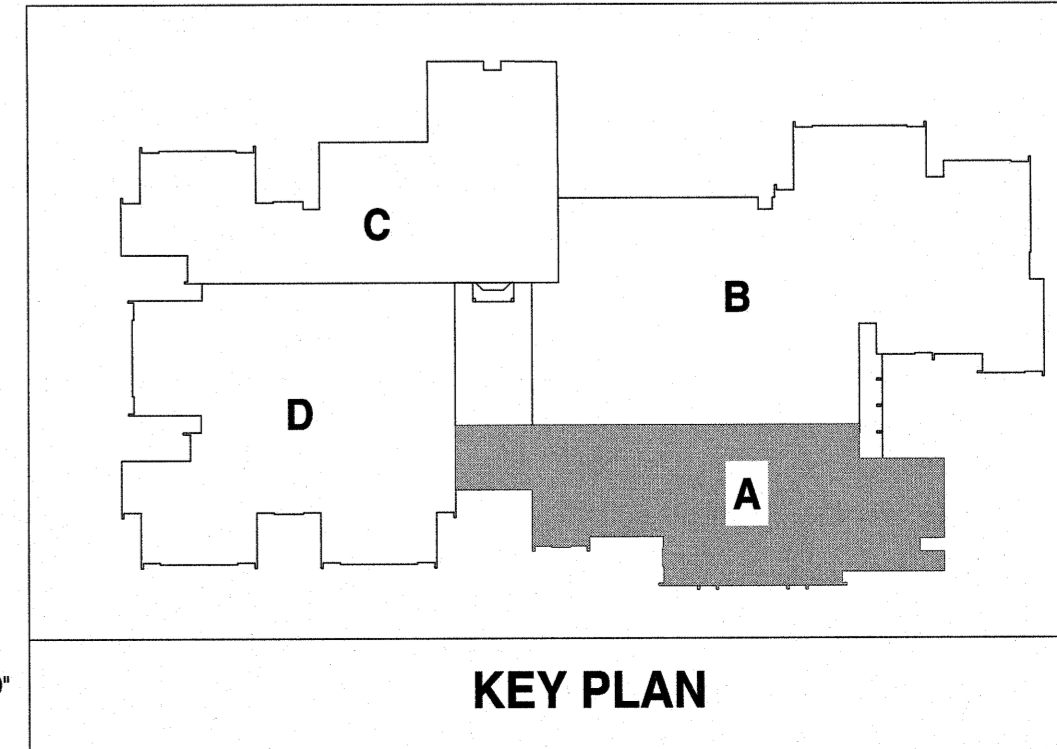


**KEYED NOTES THIS SHEET ONLY**

1	WALL/CEILING MOUNTED CAMERAS: CAMERA SHALL BE RE-INSTALLED IN ROOM PER LABEL ON CAMERA AND MOUNTED IN SAME LOCATION INSTALLED PRIOR TO DEMOLITION. RECONNECT TO EXISTING CABLE AND CONDUIT PROTECTED DURING DEMOLITION.
2	EXTERIOR CAMERAS: CONTRACTOR SHALL VERIFY CAMERA IS OPERATIONAL.

**FIRE WALL LEGEND**

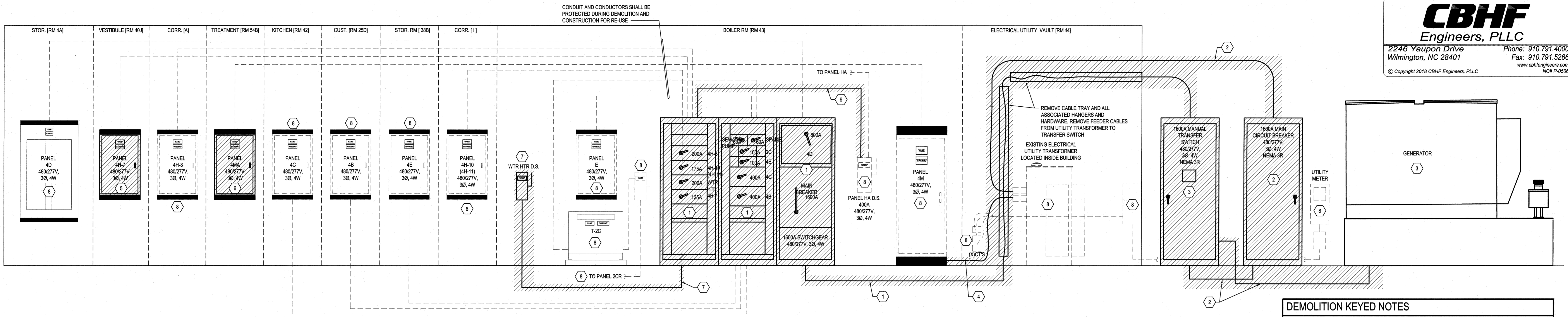
EXISTING 2-HOUR RATED WALL	---
2-HOUR RATED WALL	---



**Renovations to:**  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

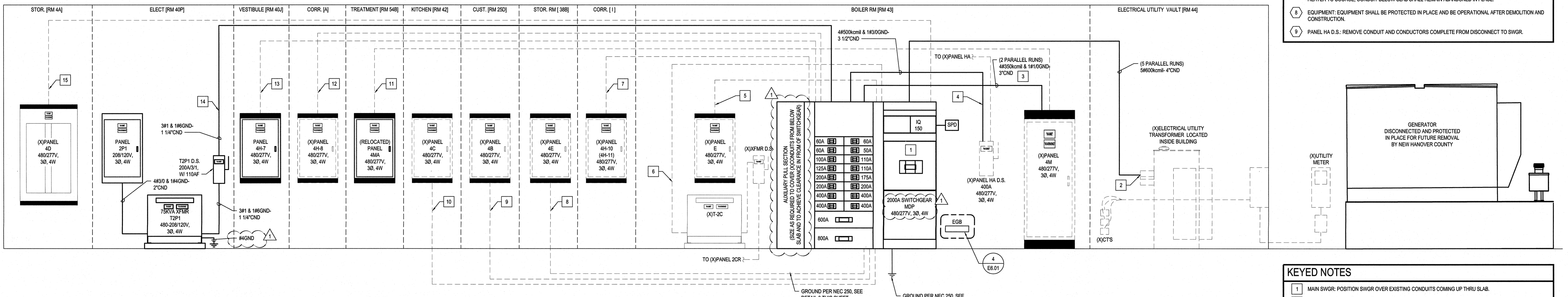
SYSTEMS FLOOR PLAN - AREA A

JOB NUMBER: 18005  
DRAWN BY: GHG  
CHECKED BY: WAC  
DATE: 02-04-2019  
REVISIONS: ADDENDUM #1: DEPARTMENT OF PUBLIC INSTRUCTION RESPONSE 2-18-2019



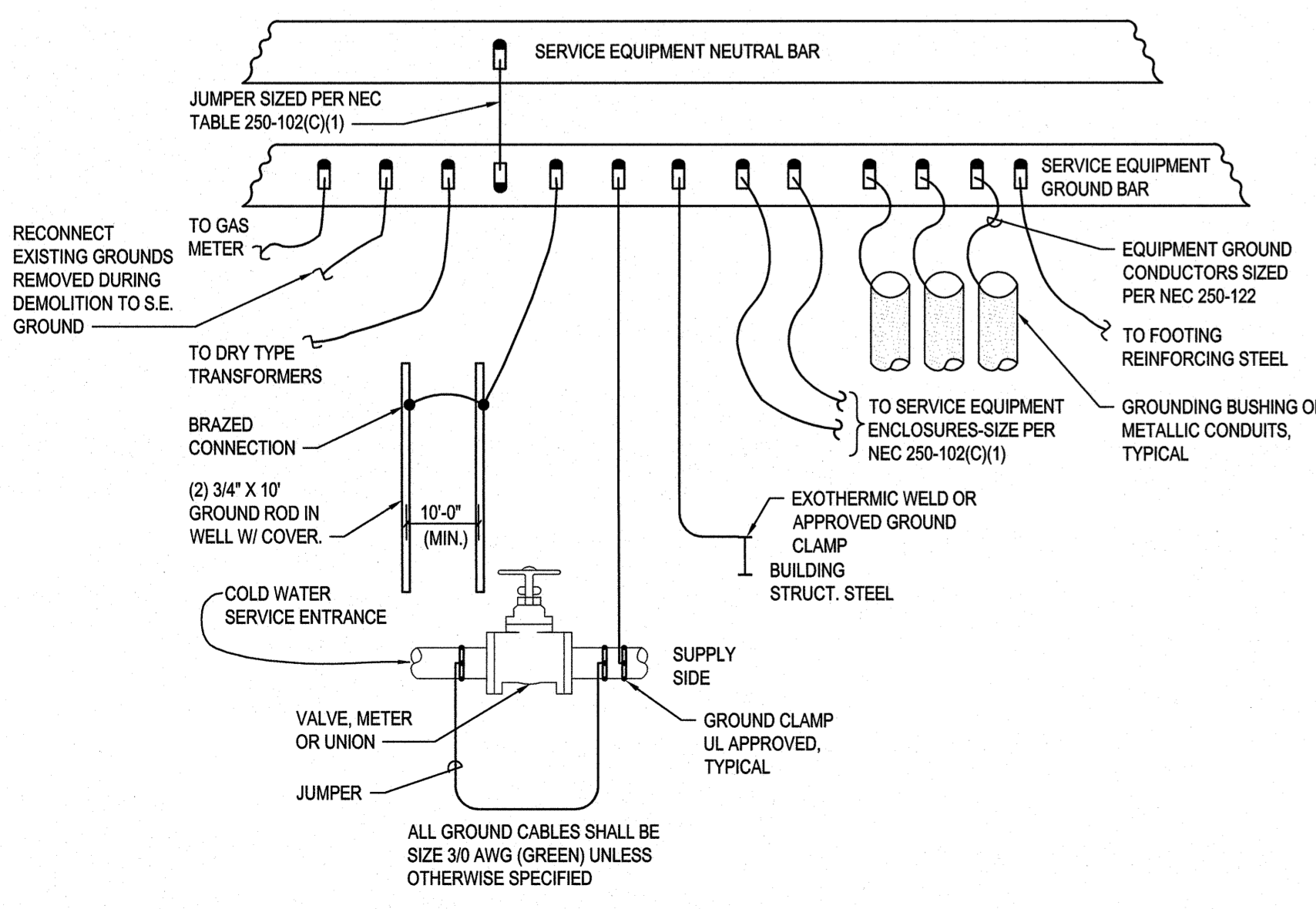
**1 Riser Diagram - Demolition**  
E6.01 Not To Scale

- DEMOLITION KEYED NOTES**
- 1 MAIN SWGR: REMOVE MAIN SWGR. REMOVE CONDUIT AND CONDUCTORS FROM UTILITY. LABEL ALL BRANCH CIRCUITS PRIOR TO DISCONNECTION FROM MAIN SWGR AND PROTECT IN PLACE UNLESS LOAD IS SPECIFICALLY NOTED ON PLAN TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH OWNER THE REMOVAL OF BREAKERS PRIOR TO DEMOLITION. ELECTRICAL CONTRACTOR SHALL DELIVER BREAKERS TO OWNER SELECTED TO BE SALVAGED.
  - 2 MAIN CIRCUIT BREAKER: REMOVE CIRCUIT BREAKER, CONDUIT AND CONDUCTORS COMPLETE FROM UTILITY TO MANUAL TRANSFER SWITCH. CONCEALED UNDERGROUND CONDUIT SHALL REMAIN ABANDONED IN PLACE.
  - 3 GENERATOR AND MTS: GENERATOR AND MTS IS THE PROPERTY OF NEW HANOVER COUNTY. PROTECT GENERATOR IN PLACE. REMOVE MTS AND DELIVER TO NEW HANOVER COUNTY SCHOOLS FOR STORAGE. NEW HANOVER COUNTY SCHOOLS WILL DELIVER TO NEW HANOVER COUNTY AT A LATER DATE.
  - 4 PANELBOARD: REMOVE CONDUIT AND CONDUCTORS COMPLETE FROM UTILITY TO CIRCUIT BREAKER. CONDUIT AND CONDUCTORS FROM CIRCUIT BREAKER TO MAIN SWGR SHALL REMAIN PROTECTED IN PLACE.
  - 5 FLUSH PANELBOARD: REMOVE PANELBOARD. LABEL ALL BRANCH CIRCUITS PRIOR TO DISCONNECTION FROM PANEL AND PROTECT IN PLACE UNLESS LOAD IS SPECIFICALLY NOTED ON PLAN TO BE REMOVED. BRANCH CIRCUIT CONDUCTORS SHALL BE RECONNECTED TO NEW PANEL LOCATION.
  - 6 SURFACE PANELBOARD: REMOVE AND PROTECT PANEL FOR RELOCATION. LABEL ALL BRANCH CIRCUITS PRIOR TO DISCONNECTION FROM PANEL AND PROTECT IN PLACE UNLESS LOAD IS SPECIFICALLY NOTED ON PLAN TO BE REMOVED. PANELBOARD FEEDERS AND BRANCH CIRCUITS SHALL BE EXTENDED TO NEW PANEL LOCATION.
  - 7 WATER HEATER: REMOVE DISCONNECT. REMOVE CONDUIT AND CONDUCTORS COMPLETE FROM WATER HEATER TO SOURCE. CONDUIT BELOW SLAB SHALL REMAIN ABANDONED IN PLACE.
  - 8 EQUIPMENT: EQUIPMENT SHALL BE PROTECTED IN PLACE AND BE OPERATIONAL AFTER DEMOLITION AND CONSTRUCTION.
  - 9 PANEL HA D.S.: REMOVE CONDUIT AND CONDUCTORS COMPLETE FROM DISCONNECT TO SWGR.

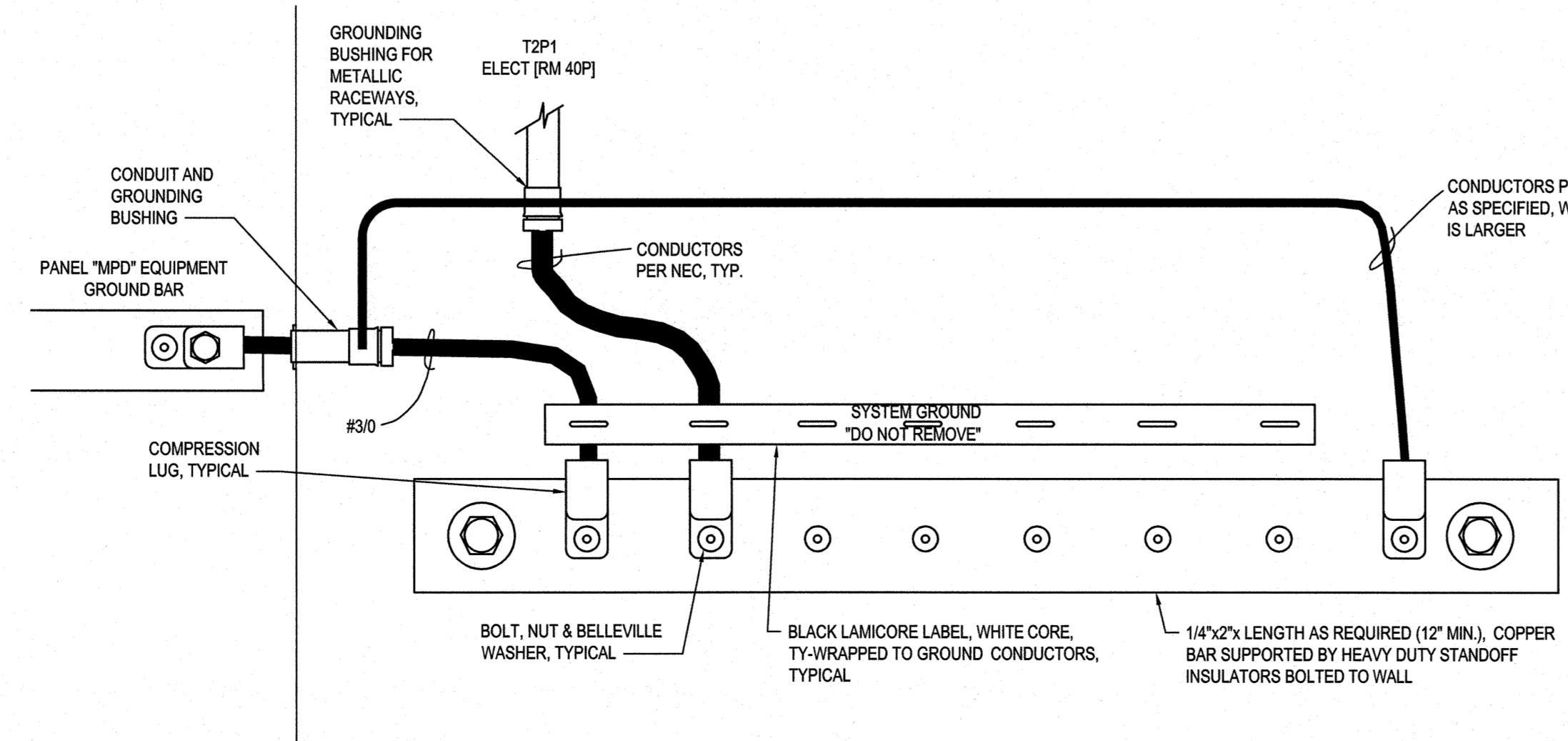


**2 Riser Diagram**  
E6.01 Not To Scale

- KEYED NOTES**
- 1 MAIN SWGR: POSITION SWGR OVER EXISTING CONDUITS COMING UP THRU SLAB.
  - 2 PRIMARY FEEDER CONDUCTORS: PROVIDE AND INSTALL CONDUIT AND CONDUCTORS INDICATED, CONNECT TO EXISTING UTILITY TRANSFORMER AND TO MAIN SWGR. PER DUKE COORDINATION AND DIRECTION.
  - 3 (X)PANEL 4M: PROVIDE AND INSTALL CONDUIT AND CONDUCTORS INDICATED, CONNECT TO MAIN SWGR.
  - 4 (X)PANEL HA D.S.: PROVIDE AND INSTALL CONDUIT AND CONDUCTORS INDICATED.
  - 5 (X)PANEL E: RECONNECT #3 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 6 (X)PANEL 2C: RECONNECT #3 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 7 (X)PANEL 4H-10 (4H-11): RECONNECT #20 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 8 (X)PANEL E: RECONNECT #3 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 9 (X)PANEL 4C: RECONNECT (X)8500cmil CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 10 (X)PANEL 4M: RECONNECT (X)30 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 11 (X)PANEL 4M: RECONNECT (X)30 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 12 (X)PANEL 4H-8: RECONNECT (X)30 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 13 (X)PANEL 4H-7: RECONNECT (X)30 CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.
  - 14 PANEL 2P1: PROVIDE AND INSTALL CONDUIT AND CONDUCTORS INDICATED, CONNECT TO MAIN SWGR.
  - 15 (X)PANEL 4D: RECONNECT (X)PARALLEL RUNS OF #500cmil CONDUCTORS AND CONDUIT REMOVED AND PROTECTED DURING DEMOLITION. REWORK CONDUIT AS REQUIRED TO CONNECT TO SWGR.



**3 Service Grounding Detail**  
E6.01 Not To Scale

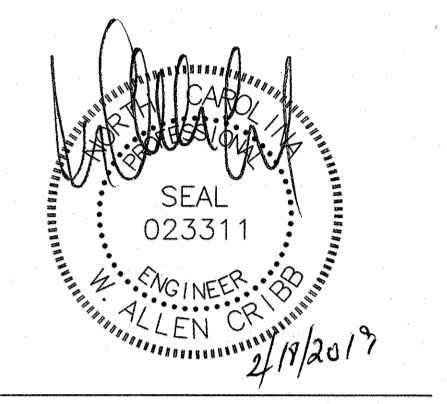


**4 Ground Bar "EGB" Detail**  
E6.01 Not To Scale

**CBHF**  
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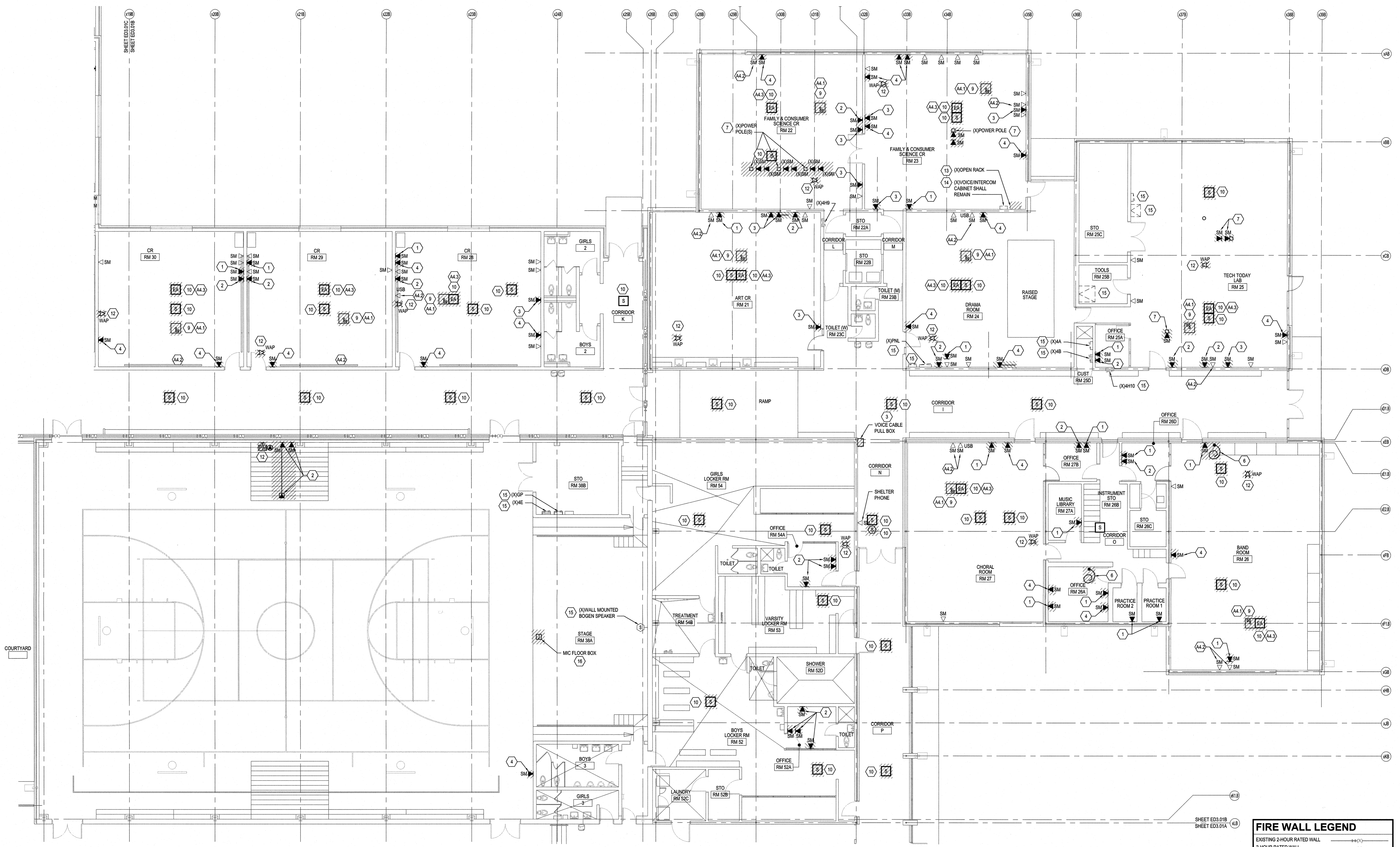
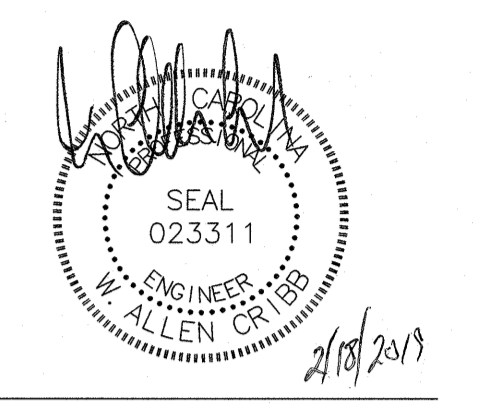
Renovations and Additions  
**M.C.S. Noble Middle School**  
6520 Market Street  
Wilmington, North Carolina 28405

ELECTRICAL  
DEMOLITION RISER  
RISER DIAGRAM AND  
DETAILS

JOB NUMBER  
19005  
DRAWN BY  
HGH  
CHECKED BY  
MAC  
DATE  
12/21/2018  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

SHEET NUMBER  
**E6.01**



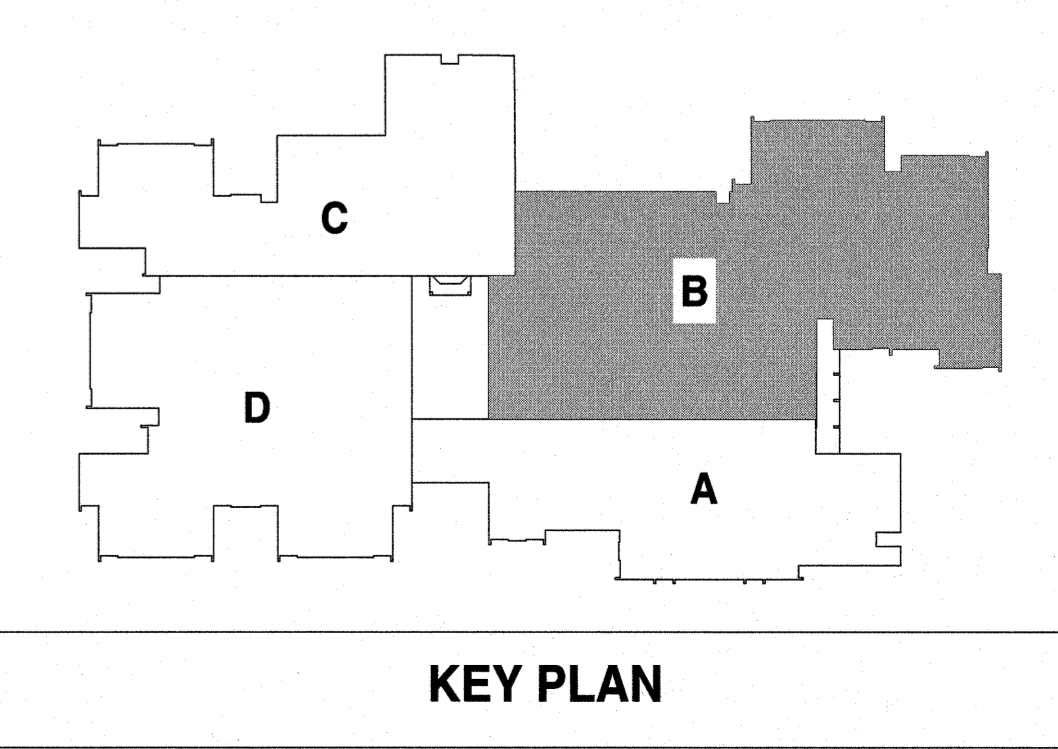
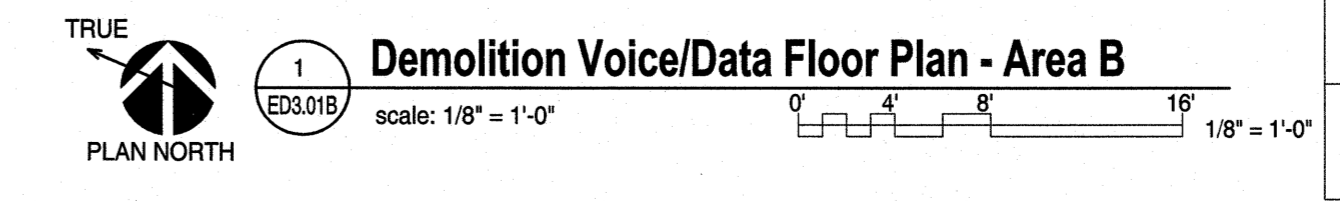
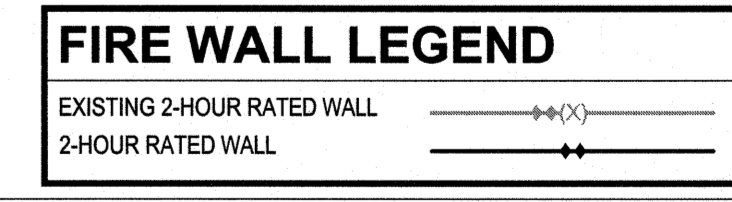


- DEMOLITION KEYED NOTES**
- REMOVE VOICE CABLE COMPLETE TO SOURCE. REMOVE RJ45 CONNECTOR AND PROVIDE BLANK IN OPEN RJ45 SPACE. CONTRACTOR SHALL VERIFY EXISTING REMAINING CAT6 DATA CABLES ARE OPERATIONAL AFTER DEMOLITION
  - REMOVE SURFACE RACEWAY AND BOX. REMOVE CABLE COMPLETE TO SOURCE.
  - REMOVE SURFACE RACEWAY.
  - REMOVE SURFACE RACEWAY AND BOX.
  - REMOVE SURFACE RACEWAY AND TOKEN RING CABLE.
  - REMOVE CABLE HANGING FROM CEILING COMPLETE TO SOURCE.
  - POWER POLE: REMOVE AND COIL DATA CABLES ABOVE CEILING AND PROTECT FOR RE-INSTALLATION. REMOVE POWER/DATA POLE.
  - REMOVE COVER AND PROVIDE BRUSHED STAINLESS BLANK COVER.
  - PROJECTOR: PROJECTOR SHALL BE REMOVED, STORED AND PROTECTED DURING DEMOLITION AND CONSTRUCTION BY A QUALIFIED VENDOR. PROJECTOR CEILING PAN SHALL BE STORED FOR INSTALLATION IN NEW CEILING GRID. PROTECT ALL CABLES FROM WALL BOX TO PROJECTOR CEILING PAN FOR RELOCATION.

- ALTERNATE KEYED NOTES**
- CEILING MOUNTED SPEAKERS: PRIOR TO DEMOLITION LABEL SPEAKER WITH CURRENT ROOM LOCATION. REMOVE SPEAKER AND PROTECT FOR RE-INSTALLATION. PROTECT CABLE AND CONDUIT IN PLACE FOR RECONNECTION.
  - WALL MOUNTED PIM DEVICE: PRIOR TO DEMOLITION COORDINATE WITH NEW HANOVER COUNTY SCHOOLS SECURITY DEPT (JAMES DILLOW). NEW HANOVER COUNTY SCHOOLS SECURITY DEPT. SHALL REMOVE AND STORE PIMs DEVICES AND EQUIPMENT DURING DEMOLITION AND CONSTRUCTION.
  - WAP: PRIOR TO DEMOLITION COORDINATE WITH NEW HANOVER COUNTY SCHOOLS IT DEPT (JAMES BLACKBURN). NEW HANOVER COUNTY SCHOOLS SECURITY DEPT. SHALL REMOVE AND STORE WAP DEVICES AND EQUIPMENT DURING DEMOLITION AND CONSTRUCTION.
  - REMOVE ABANDONED WALL CABINET.
  - REMOVE VOICE CABLE ONLY. INTERCOM CABLE AND WALL MOUNTED CABINET SHALL REMAIN OPERATIONAL.
  - EQUIPMENT: PROTECT IN PLACE. EQUIPMENT SHALL BE OPERATIONAL AFTER DEMOLITION AND CONSTRUCTION.
  - FLOOR MIC: REMOVE CONNECTOR AND CABLE COMPLETE TO SOURCE. PROVIDE BRASS BLANK COVER PLATE.

- ALTERNATE KEYED NOTES**
- PROJECTOR: PROJECTOR SHALL BE REMOVED BY A QUALIFIED VENDOR AND TURNED OVER TO OWNER. PROJECTOR CEILING PAN MOUNT SHALL BE STORED FOR INSTALLATION IN NEW CEILING GRID. REMOVE ALL AV CABLES FROM PROJECTOR CEILING PAN TO WALL MOUNTED AV BOXES. REMOVE PROJECTOR EXTENSION POLE AND PROVIDE BLANK COVER IN PROJECTOR CEILING PAN.
  - TEACHERS STATION: SMART BOARD SHALL BE REMOVED BY QUALIFIED VENDOR AND TURNED OVER TO OWNER. REMOVE ALL AV CABLING, AND CONNECTIONS IN EXISTING AV BOXES ASSOCIATED WITH TEACHERS STATION. PROVIDE BLANK FACEPLATE FOR REMAINING BOX. EXISTING DATA CABLES, DATA FACEPLATES AND RACEWAY SHALL REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. NOTE: NOT ALL CONDITIONS AT TEACHERS STATION ARE TYPICAL. PRIOR TO DEMOLITION CONTRACTOR SHALL VERIFY EACH TEACHERS STATION LOCATION WITH N.H. Co. IT DEPARTMENT.
  - EA SPEAKER: DISCONNECT AND REMOVE SPEAKER. REMOVE SPEAKER CABLE FROM SPEAKER TO SURFACE MOUNTED BOX AT TEACHERS STATION.

- DEMOLITION NOTES**
- FINISHES IN AREAS AROUND DEVICES SHALL BE REPAIRED/REPLACED TO MATCH EXISTING AREAS (EX. NEW CEILING TILE WHERE DEVICE AND BOX IS REMOVED, ETC).
  - PROTECT ALL EXISTING DATA AND PUBLIC ADDRESS SYSTEMS AND MAINTAIN THEM IN OPERATION THROUGHOUT THE PROCESS OF THE WORK. NOTIFY THE OWNER AND ENGINEER IN WRITING IF SHUTDOWNS ARE REQUIRED PRIOR TO ANY OUTAGE OF SERVICE. WHERE THE DURATION OF A PROPOSED OUTAGE CANNOT BE TOLERATED BY THE OWNER, PROVIDE TEMPORARY CONNECTIONS AS REQUIRED TO MAINTAIN SERVICE.
  - ATTEMPT HAS BEEN MADE TO LOCATE AND SHOW ALL RECEPTACLE AND DATA DEVICES ON THESE PLANS AND ARE BELIEVED TO BE CORRECT. NOTWITHSTANDING, THE CONTRACTOR SHALL VERIFY ALL DEVICE LOCATIONS, CIRCUITS, AND WIRING ASSOCIATED WITH WORK FOR THIS PROJECT AND REPLACE ALL DEVICES EVEN IF NOT INDICATED ON PLANS.



**Renovations to:**  
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Wilmington, North Carolina 28405

DEMOLITION VOICE/DATA  
FLOOR PLAN - AREA B

JOB NUMBER  
18005  
DRAWN BY  
HGH  
CHECKED BY  
WAC  
DATE  
02-04-2019  
REVISIONS  
ADDENDUM #1: DEPARTMENT  
OF PUBLIC INSTRUCTION  
RESPONSE 2-18-2019

SHEET NUMBER  
**ED3.01B**