

GENERAL PLUMBING NOTES:

- SCOPE OF WORK: THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS DESCRIBE SCOPE OF WORK REQUIRED FOR PLUMBING SYSTEMS. LABOR AND MATERIAL SHALL BE PROVIDED AS REQUIRED FOR A COMPLETE, WORKMANLIKE INSTALLATION OF ALL SYSTEMS SHOWN ON DIAGRAMMATIC DRAWINGS AND/OR AS SPECIFIED HEREIN.
- 2. CONTRACTOR: THE WORD "CONTRACTOR", "PLUMBING CONTRACTOR", AND "P.C." AS USED HEREIN SHALL MEAN THE PLUMBING INSTALLER UNLESS OTHERWISE QUALIFIED.
- 3. DRAWINGS: DRAWINGS ARE DIAGRAMMATIC AND MAY NOT COMPLETELY DESCRIBE EVERY DETAIL OF THE INSTALLATION. HOWEVER, CONTRACTOR IS RESPONSIBLE FOR FURNISHING COMPLETE SYSTEMS INCLUDING ALL REQUIRED EQUIPMENT AND ACCESSORIES TO OBTAIN FULLY FUNCTIONING PLUMBING SYSTEMS.
- 4. CODE COMPLIANCE: COMPLY WITH THE LATEST EDITIONS OF THE FOLLOWING STANDARDS AND CODES, INSOFAR AS THEY APPLY:
- NORTH CAROLINA STATE BUILDING CODE (CODE), LATEST EDITION AND REVISIONS.
- LOCAL JURISDICTION REQUIREMENTS.
- 5. PERMITS AND INSPECTIONS: OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., REQUIRED FOR THE WORK AND PAY FOR SAME. FURNISH A FINAL CERTIFICATE OF INSPECTION AND APPROVAL FROM THE AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE OF THE WORK.
- SUPERVISION: PROVIDE SKILLED SUPERINTENDENTS TO SUPERVISE THE WORK FROM THE BEGINNING TO COMPLETION AND FINAL INSPECTION.
- PROGRESS OF WORK: PERFORM WORK IN ACCORDANCE WITH SCHEDULE AND REQUIREMENTS OF THE GENERAL CONTRACTOR. UNDER NO CIRCUMSTANCES SHALL THIS CONTRACTOR DELAY THE OVERALL PROJECT SCHEDULE.
- 8. COORDINATION: COORDINATE PLUMBING WORK WITH THE WORK OF OTHER TRADES. LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE UNLESS SPECIFICALLY DIMENSIONED. ARRANGE PLUMBING SO AS NOT TO INTERFERE WITH THE WORK OF OTHER TRADES. VERIFY ACTUAL BUILDING STRUCTURE PRIOR TO DUCT FABRICATION AND ADJUST LAYOUT AS REQUIRED. INCLUDE ALL OFFSETS IN DUCTS, FITTINGS, PIPING, ETC. AS REQUIRED TO PROPERLY INSTALL EQUIPMENT.
- EQUIPMENT LOCATIONS: DETERMINE EXACT EQUIPMENT AND MATERIALS LOCATIONS TO PROVIDE BEST ARRANGEMENT AND TO FACILITATE PROPER MAINTENANCE AND SERVICING OF EQUIPMENT.
- 10. LISTING AND LABELING: ALL EQUIPMENT SHALL BE LABELED OR LISTED BY UL OR OTHER APPROVED TESTING AGENCY WHERE REQUIRED.
- 11. STORAGE SPACE: CONSULT WITH THE GENERAL CONTRACTOR REGARDING JOB SITE STORAGE FOR PLUMBING MATERIALS TO BE INSTALLED UNDER THIS PROJECT. STORAGE SPACE MUST BE SECURED AND CONTRACTOR'S REPRESENTATIVE MUST BE ON JOB BEFORE ANY MATERIAL MAY BE RECEIVED.
- 12. CLEANUP: REMOVE ALL DEBRIS GENERATED IN THE ACCOMPLISHMENT OF WORK UNDER THIS PROJECT. CLEAN, REPLACE OR REPAIR ALL SURFACES SOILED OR DAMAGED DURING THE COURSE OF THE WORK. REMOVE DEBRIS DAILY SO TO MAINTAIN SAFE WORKING CONDITIONS.
- 13. RECORD DRAWINGS: MAINTAIN ONE SET OF "RED-LINED" RECORD DRAWINGS ON SITE AT ALL TIMES AND PROVIDE DRAWINGS TO ARCHITECT/ENGINEER PRIOR TO FINAL INSPECTION.

LOIVIL	SING ABBREVIATIONS
X)	EXISTING
F.F.	ABOVE FINISHED FLOOR
N.R.C.I.	ACID RESISTANT CAST IRON
AV	AIR ADMITTANCE VALVE
DA DZ	AMERICANS WITH DISABILITIES ACT
RZ.	BRONZE
T V	BALL VALVE
C.I.	CAST IRON
).i. 20	CLEANOUT
CONC.	CONCRETE
CW	DOMESTIC COLD WATER
DIA.	DIAMETER
E.C.I.	ENAMELED CAST IRON
EC	ELECTRICAL CONTRACTOR
WC	ELECTRIC WATER COOLER
WH	ELECTRIC WATER HEATER
-co	FLOOR CLEANOUT
-D	FLOOR DRAIN
S	FLOOR SINK
GA.	GALLON
SAL.	GALLON
GC GCO	GENERAL CONTRACTOR GRADE CLEANOUT
GPF	GALLONS PER FLUSH
SPH	GALLONS PER HOUR
SPM	GALLONS PER MINUTE
SWH	GAS-FIRED WATER HEATER
HB	HOSE BIBB
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RECIRCULATION
NCL.	INCLUDED
(S	KITCHEN SINK
_AV	LAVATORY
<u>-P</u>	LIQUID PROPANE
MS	MOP SERVICE BASIN
NAT.	NATURAL GAS
NKL.	NICKEL
D.F.L.C.	NON SIMULTANEOUS OPEN FRONT LESS COVER
OB	OUTLET BOX
DC	ON CENTER
ORDL	OVERFLOW ROOF DRAIN LEADER
PC	PLUMBING CONTRACTOR
RESS. BAL.	PRESSURE BALANCED
CVY.	RECOVERY
DL	ROOF DRAIN LEADER
SA .	WATER HAMMER ARRESTOR
Н	SHOWER
SK	SINK
SLD.	SLIDE
SS	STAINLESS STEEL
TDH	TOTAL DYNAMIC HEAD
JR ,	URINAL
/ /D	VENT
/B /C	VACUUM BREAKER VITREOUS CHINA
/C /R	VANDAL RESISTANT
/K /TR	VENT THROUGH ROOF
/ I K //	WASTE
NC	WASTE WATER CLOSET
NCO	WALL CLEANOUT
VH	WALL HYDRANT

RATED WALL LEGEND

ONE HOUR RATED WALL

TWO HOUR RATED WALL

PHASE 2

6330 LAKE PARK DRIVE SE, WINNABOW, NC 28479

ADDITION -

PROJECT TITLE

ARCHITECTURE

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PRELIMINARY

NOTFOR

CONSTRUCTION

TOWN CREEK

ELEMENTARY

SCHOOL 2024

312 West Main St, Suite 300 Salisbury, MD 21801

DSP #: 100 DPI SCHOOL #: 339

ISSUED FOR DPI REVIEW

PLUMBING LEGEND, ABBREVIATIONS, GENERAL NOTES

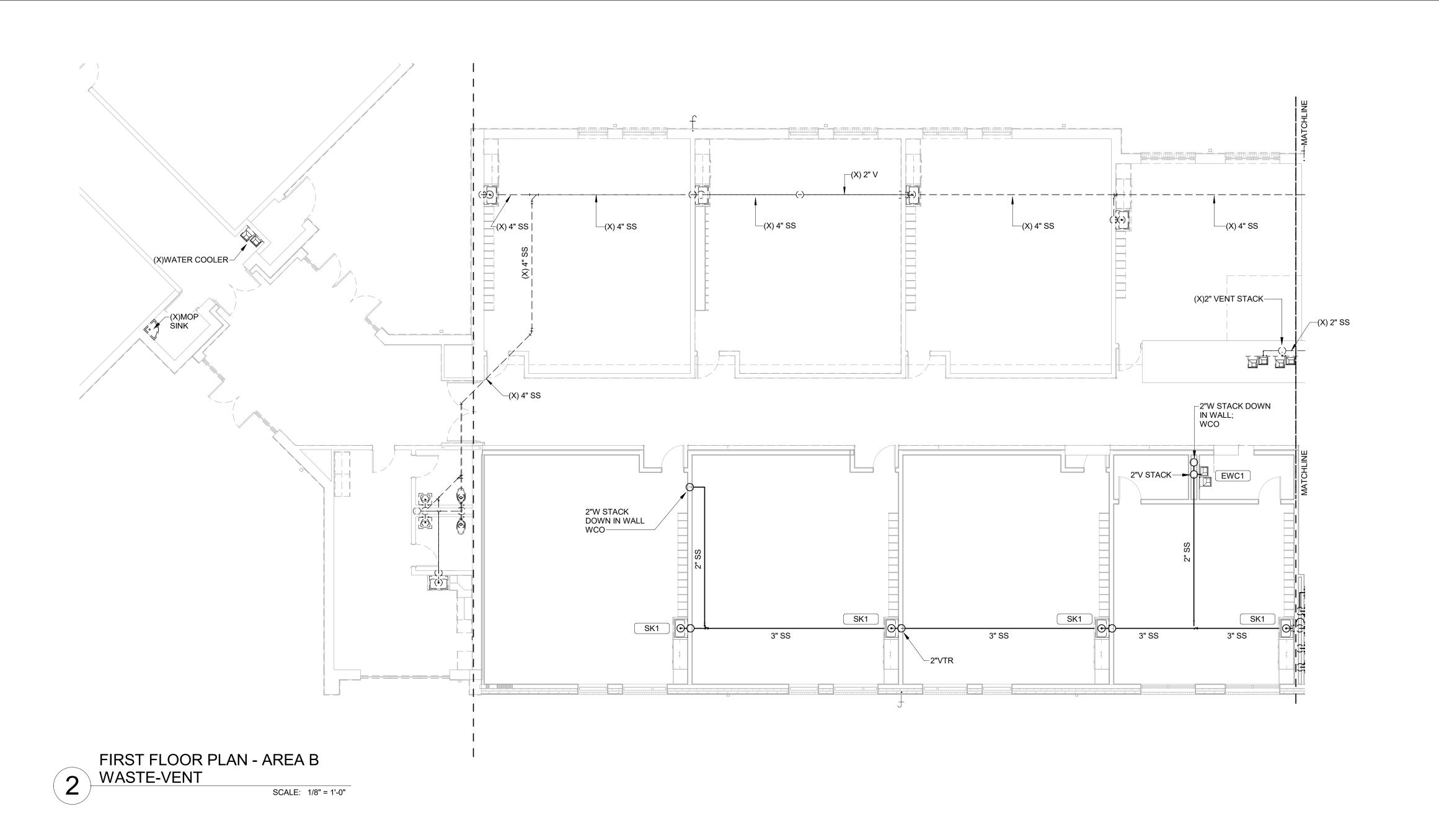
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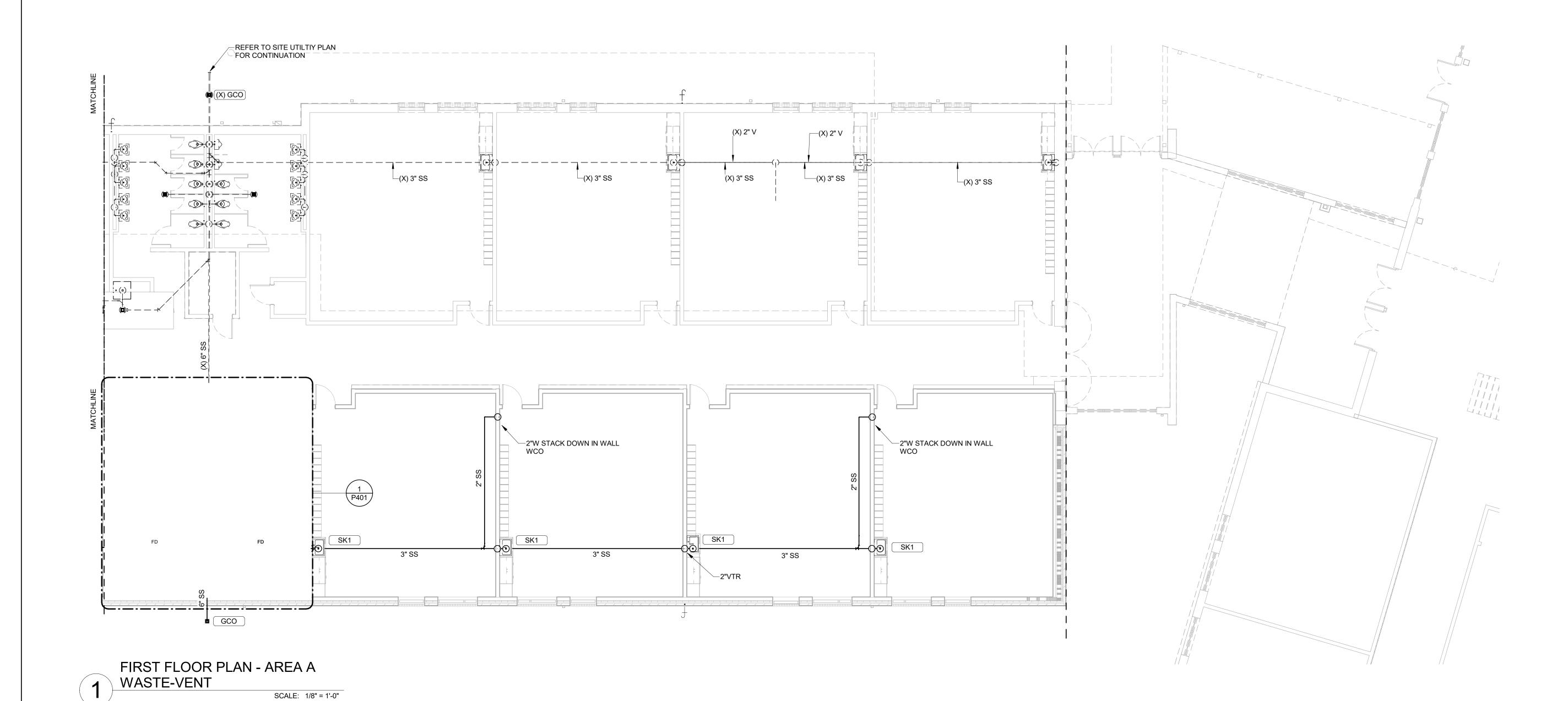
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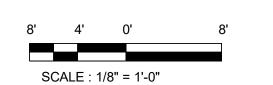
PROJECT NO: 2022264.00

P001

DRAWN BY: JBS PROJ MGR: DMH









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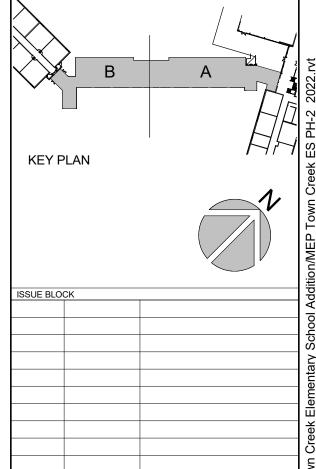
PROJECT TITLE

TOWN CREEK ELEMENTARY SCHOOL 2024 ADDITION -PHASE 2

6330 LAKE PARK DRIVE SE, WINNABOW, NC 28479

DSP #: 100 DPI SCHOOL #: 339 ISSUED FOR CONSTRUCTION

FIRST FLOOR PLAN -WASTE-VENT



Mark Date

PROJECT NO:

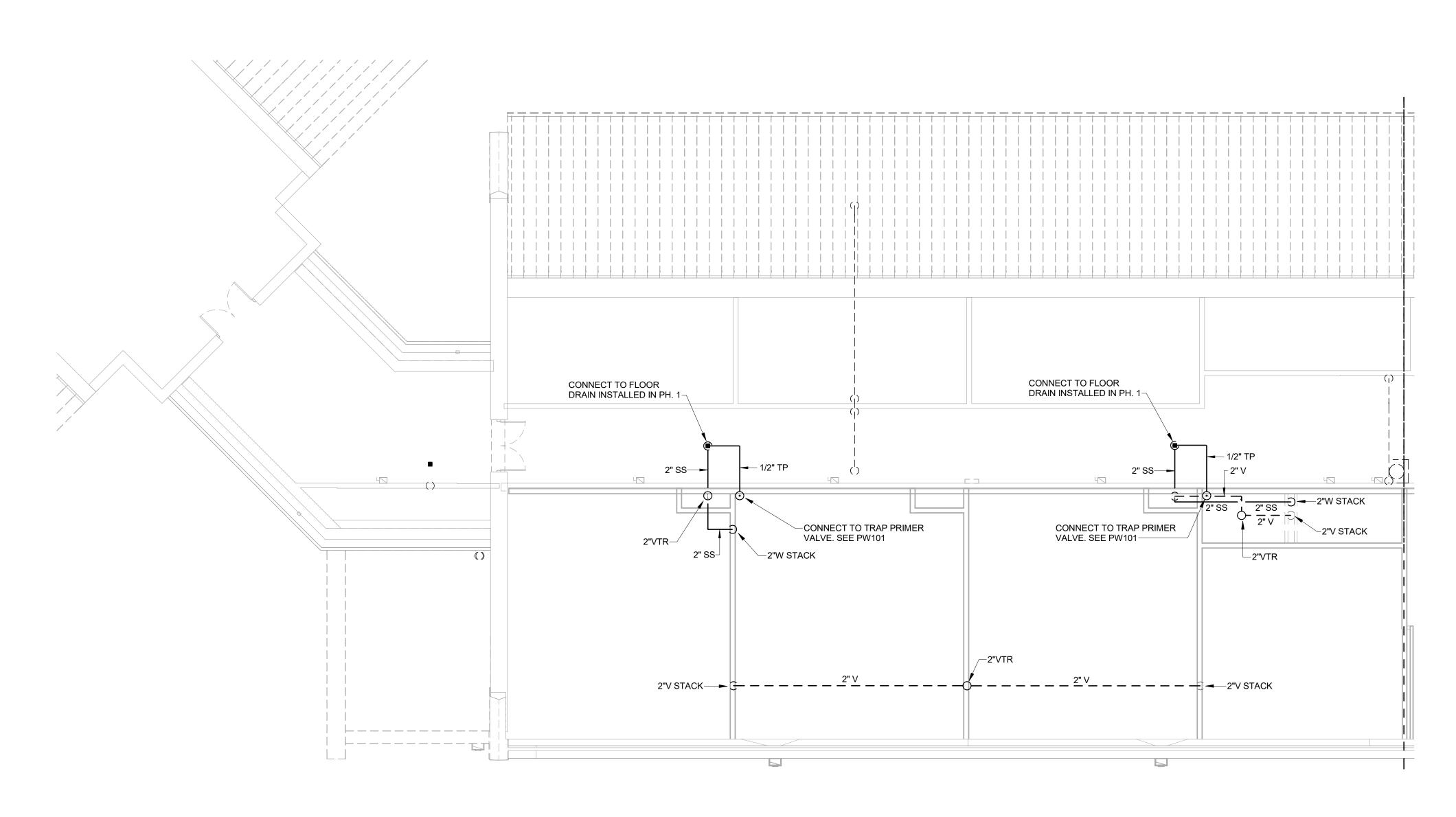
DATE:

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

DRAWN BY: JBS PROJ MGR: DMH

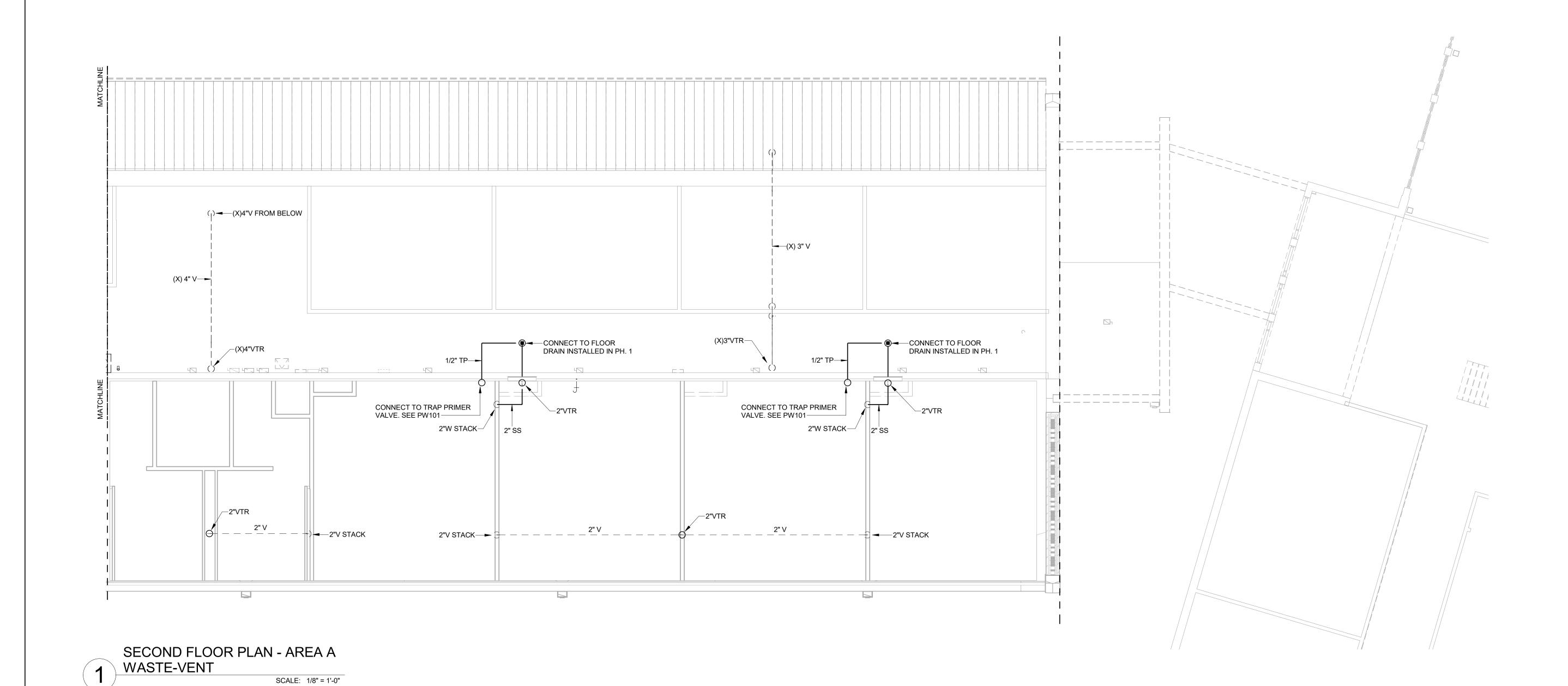
2022264.00

PS101

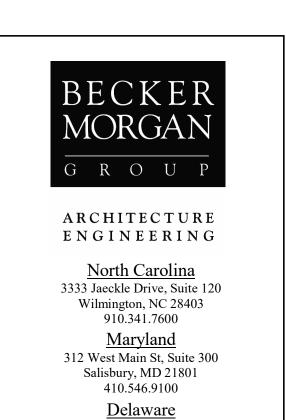


SECOND FLOOR PLAN - AREA B
WASTE-VENT

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



8' 4' 0' 8' SCALE: 1/8" = 1'-0"



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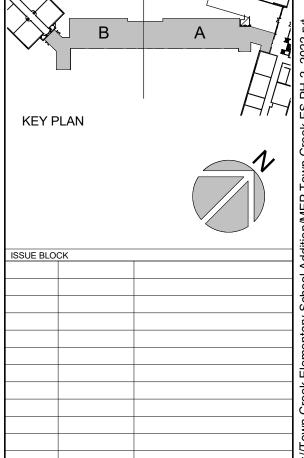
PROJECT TITLE

TOWN CREEK
ELEMENTARY
SCHOOL 2024
ADDITION PHASE 2

6330 LAKE PARK DRIVE SE, WINNABOW, NC 28479

DSP #: 100 DPI SCHOOL #: 339 ISSUED FOR CONSTRUCTION

| SECOND FLOOR | PLAN - WASTE-VENT



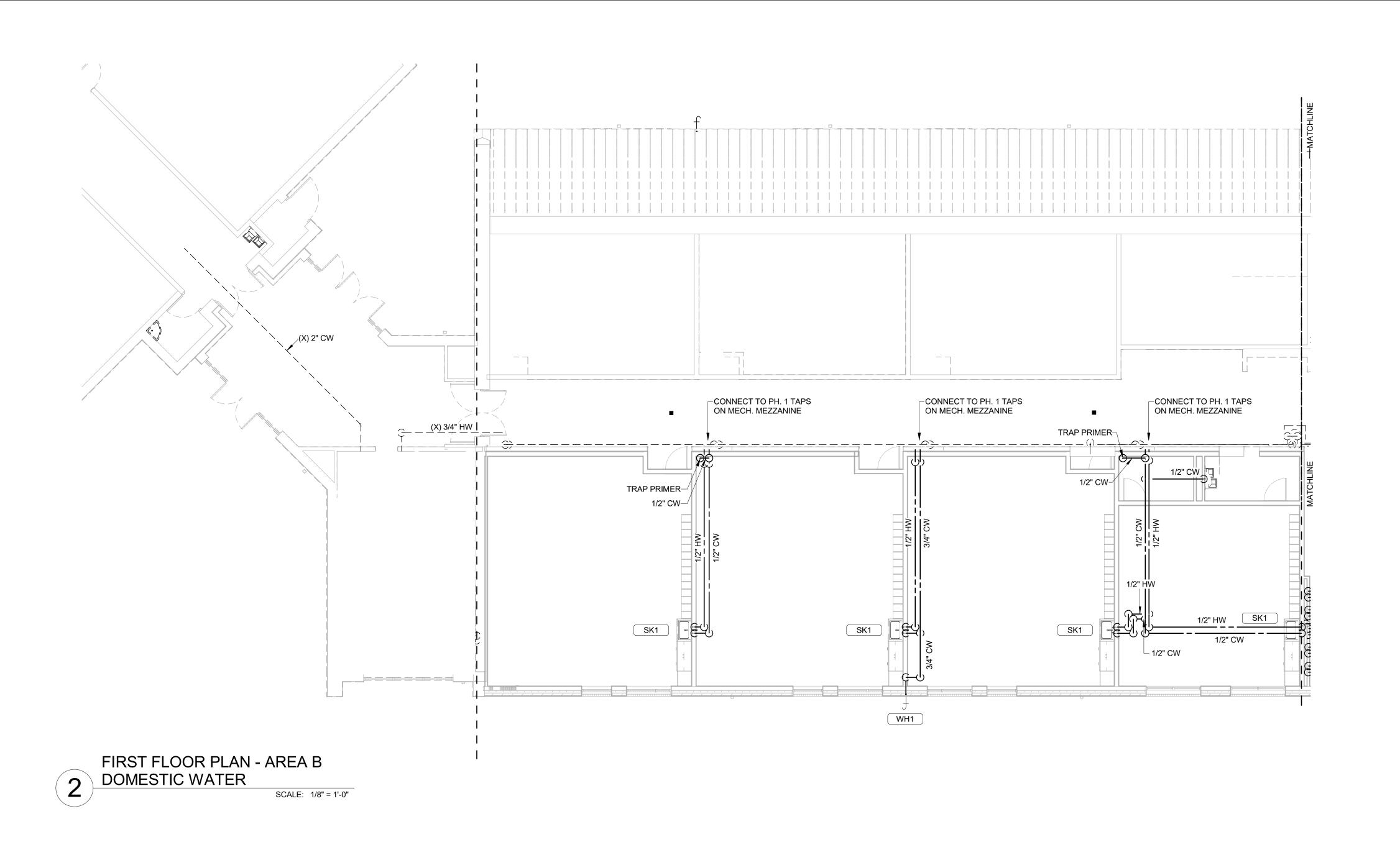
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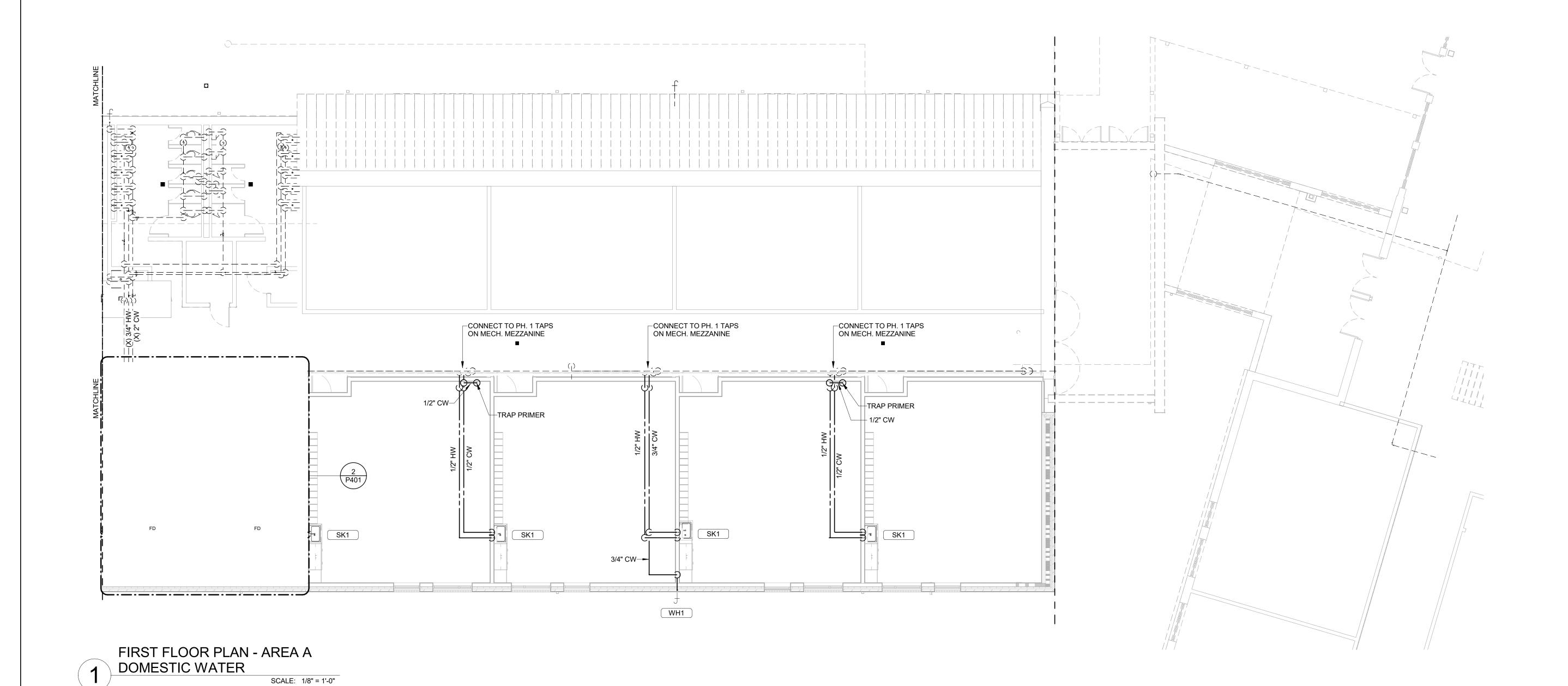
DATE: 03.14.2024

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

DRAWN BY: JBS PROJ MGR: DMH

PS102





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



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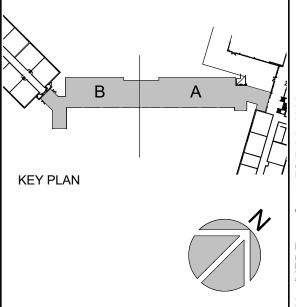
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TOWN CREEK
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SCHOOL 2024
ADDITION PHASE 2

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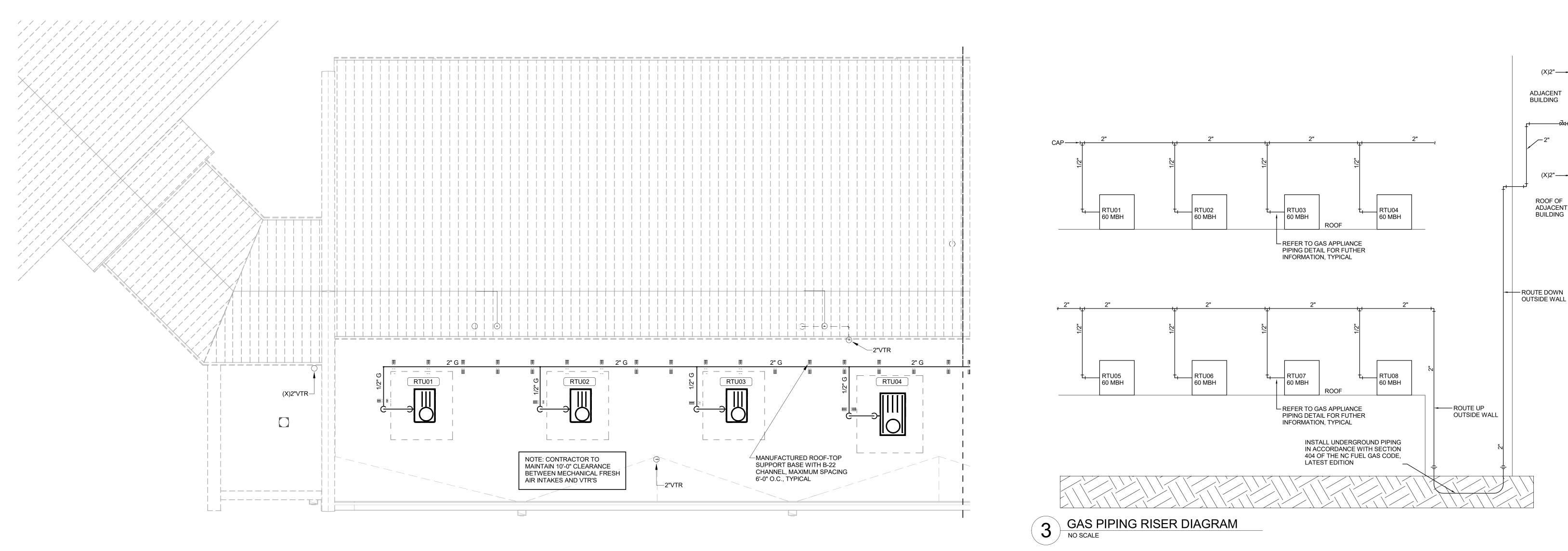
FIRST FLOOR PLAN -DOMESTIC WATER



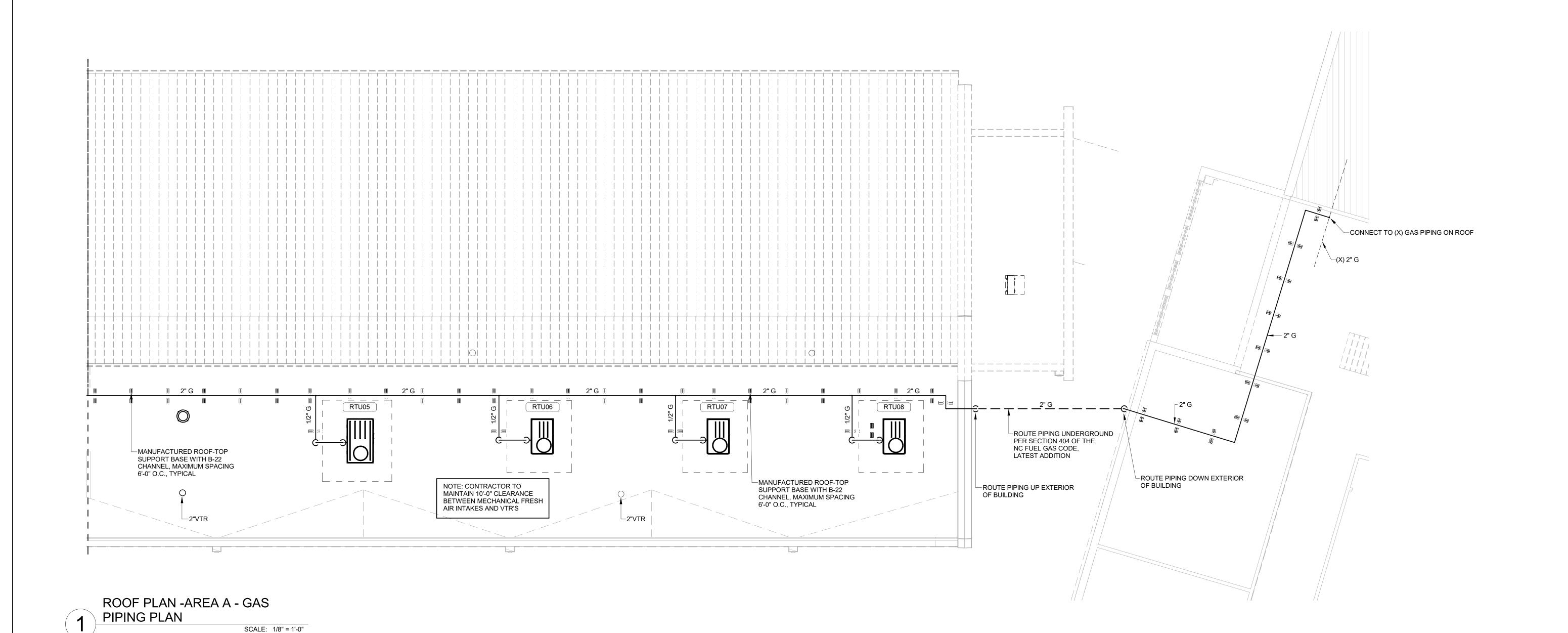
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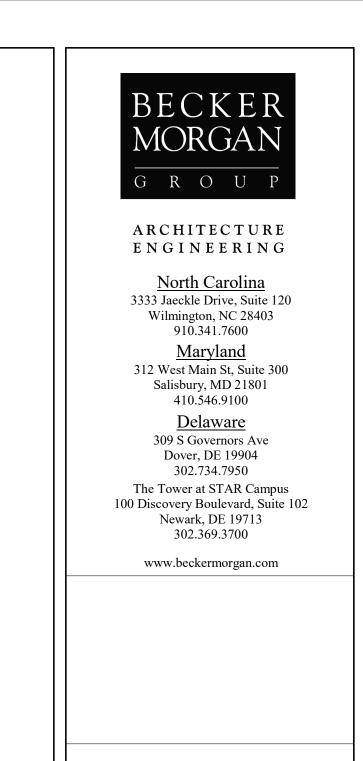
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1/8" = 1'-0"



ROOF PLAN -AREA B - GAS





(X)2"——

(X)2"——

ROOF OF

ADJACENT BUILDING

ADJACENT

BUILDING





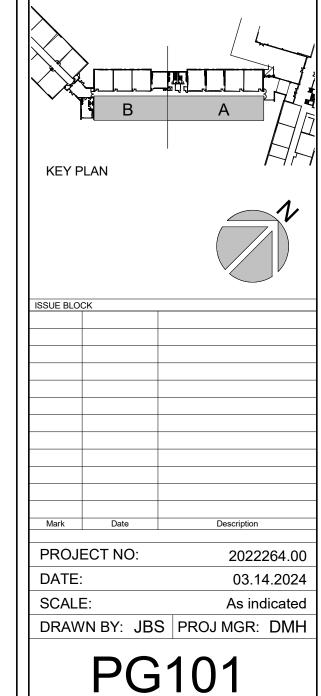
PROJECT TITLE

TOWN CREEK ELEMENTARY SCHOOL 2024 ADDITION -PHASE 2

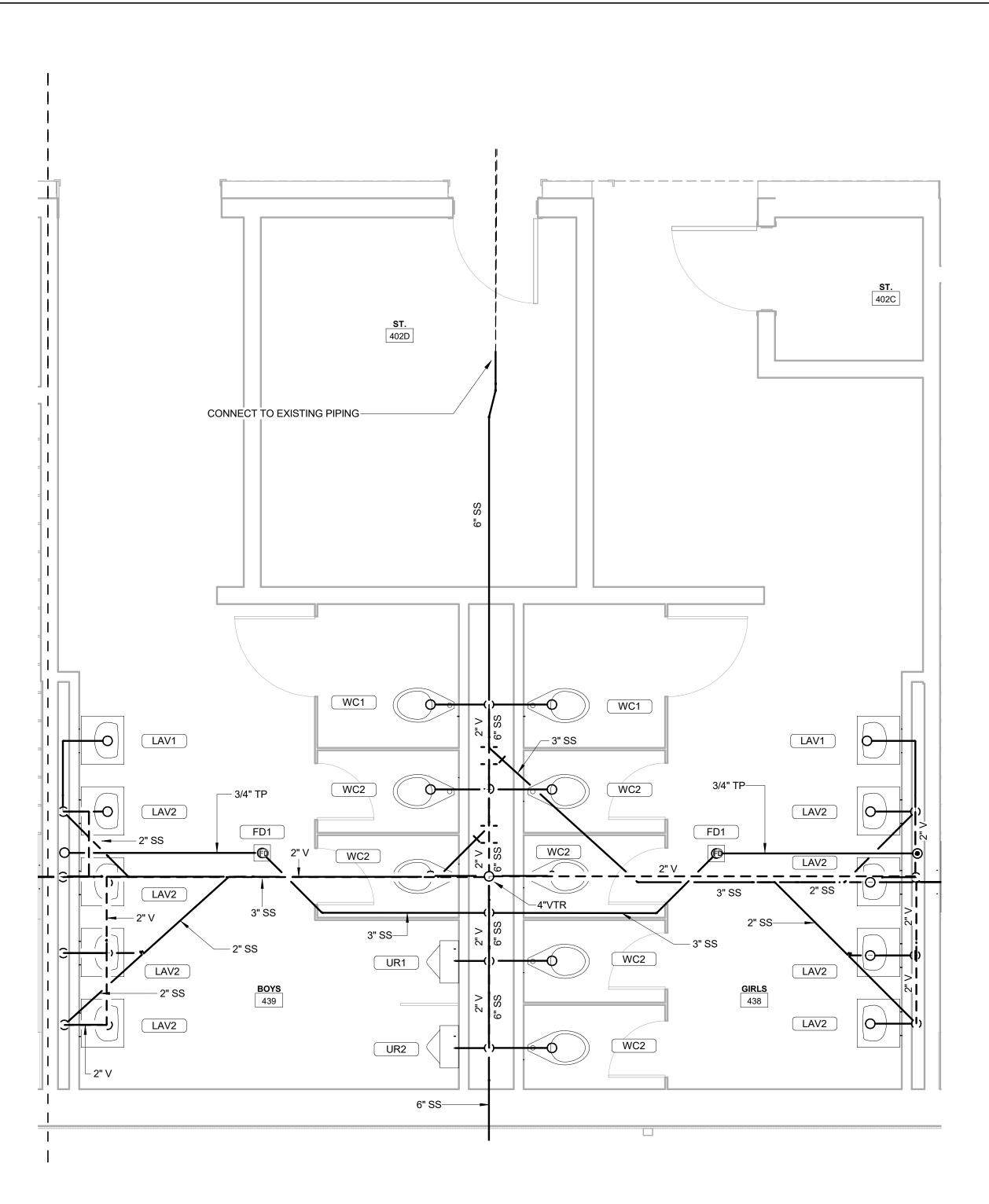
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DSP #: 100 DPI SCHOOL #: 339 ISSUED FOR DPI REVIEW

NAT. GAS PIPING PLANS AND GAS

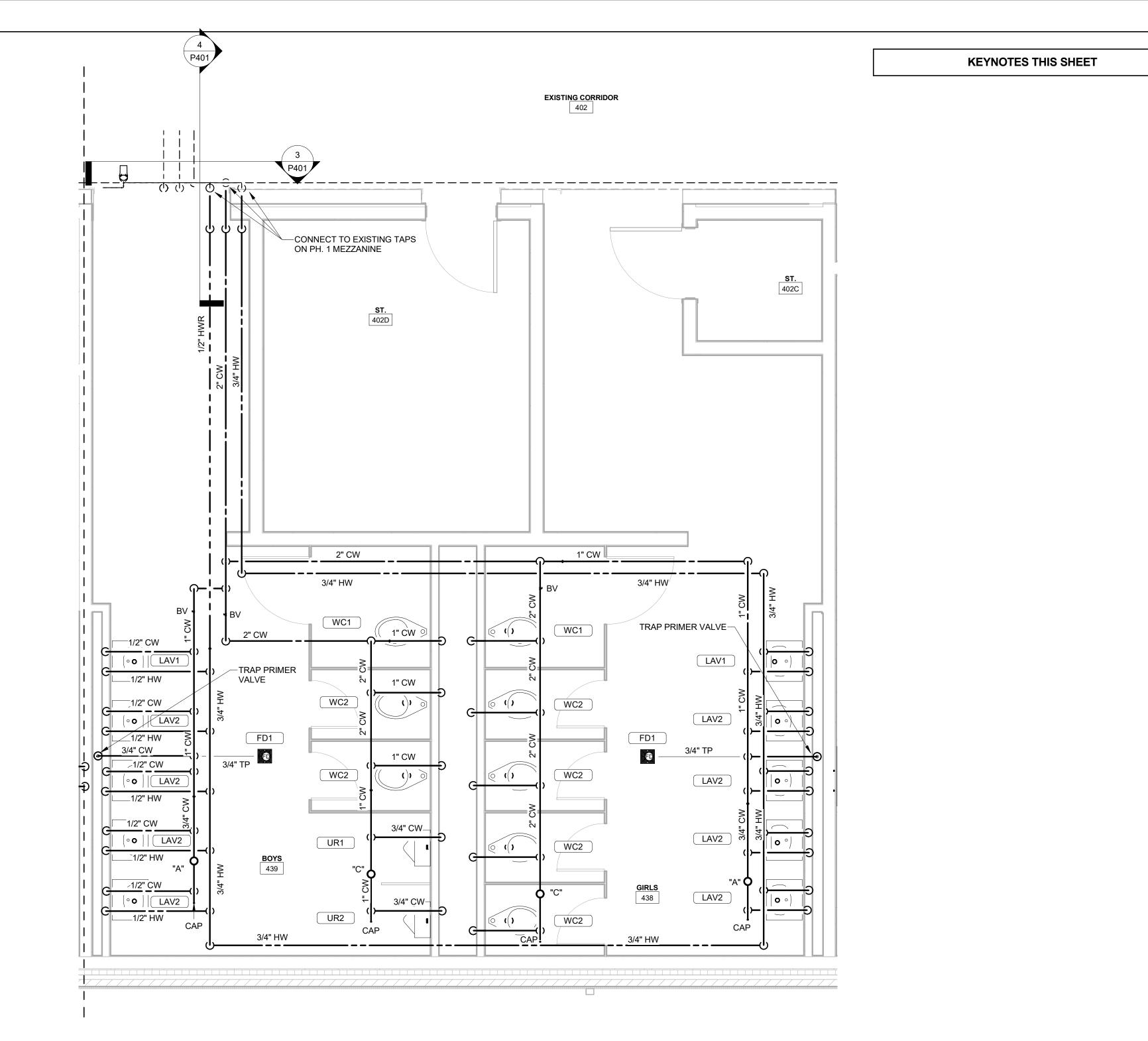


SCALE: 1/8" = 1'-0"



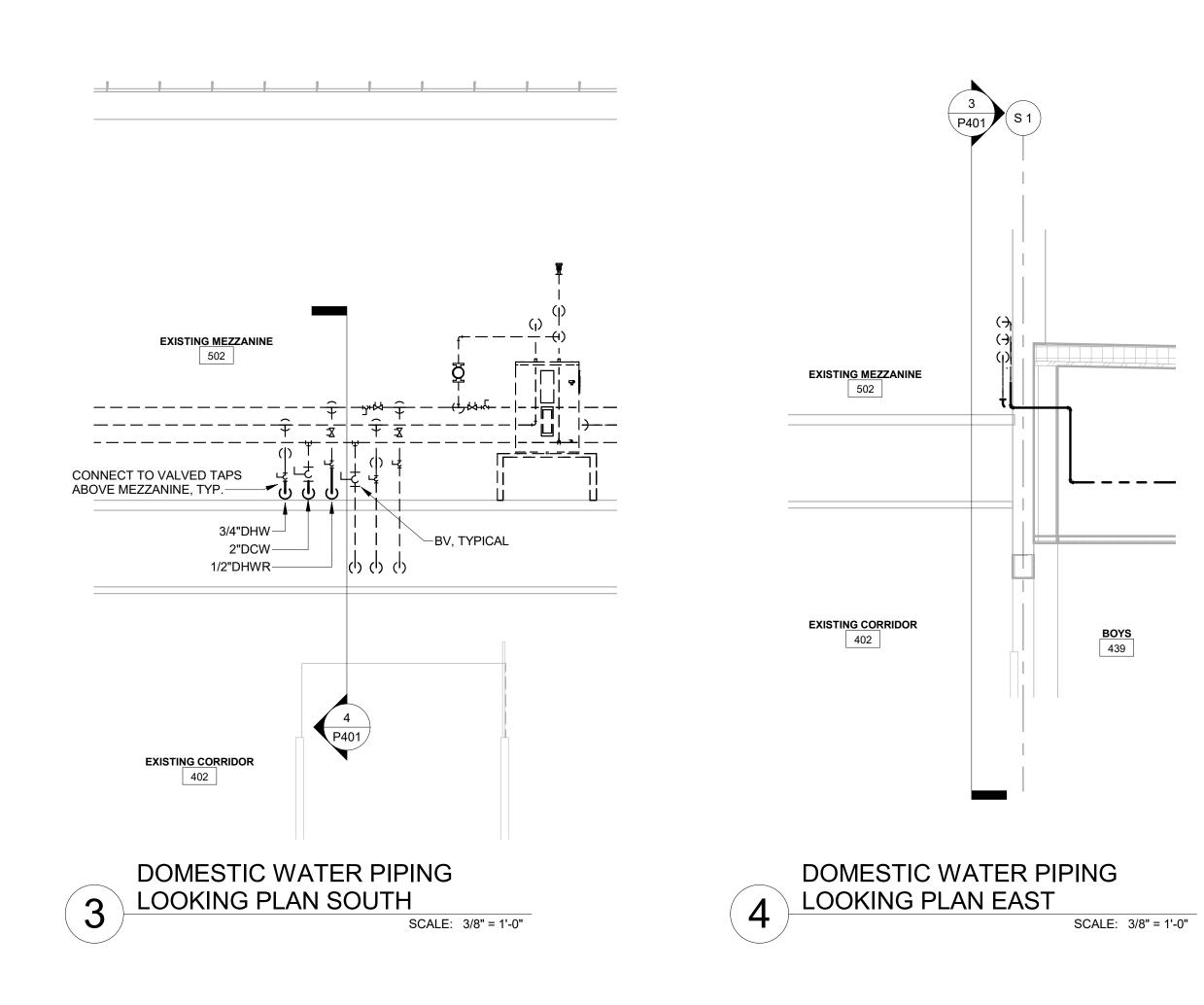
ENLARGED GANG TOILET
WASTE VENT PLAN

SCALE: 3/8" = 1'-0"



ENLARGED GANG TOILET
DOMESTIC WATER PLAN

SCALE: 3/8" = 1'-



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GROUP

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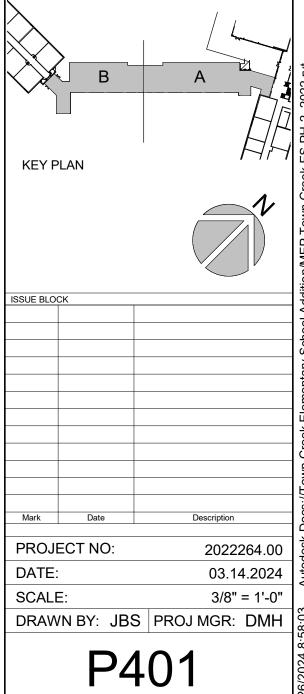
PROJECT TITLE

TOWN CREEK ELEMENTARY SCHOOL 2024 ADDITION -PHASE 2

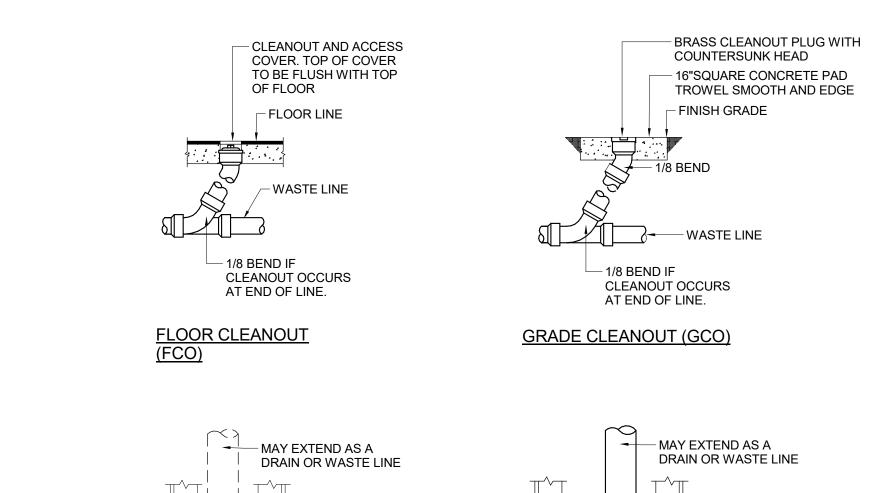
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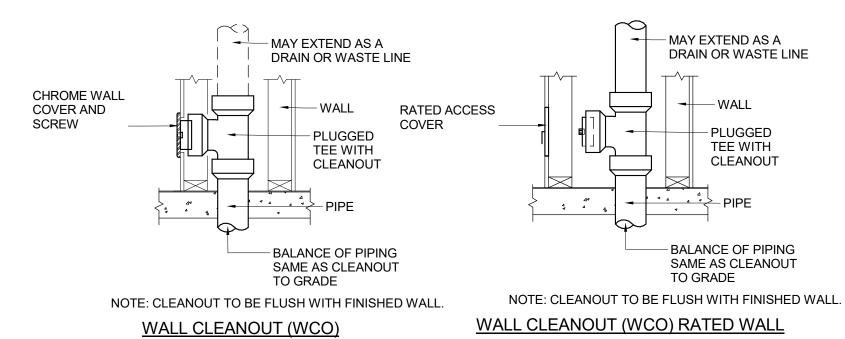
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ENLARGED
PLUMBING PLANS
AND SECTIONS

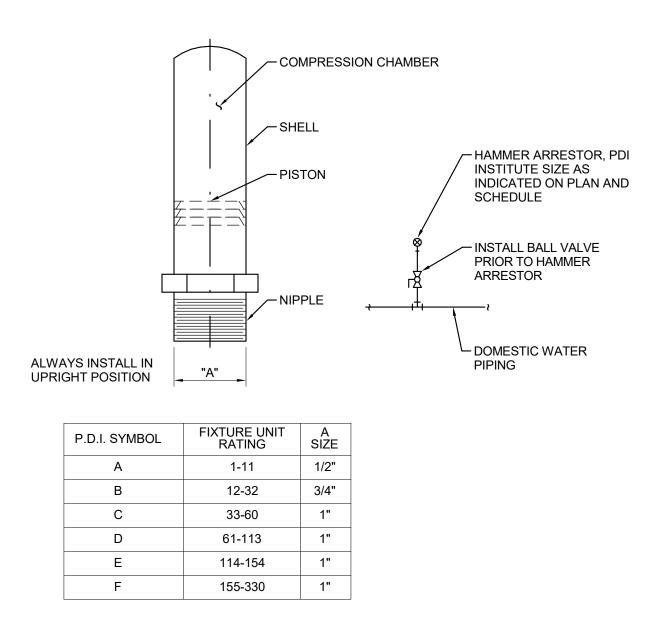


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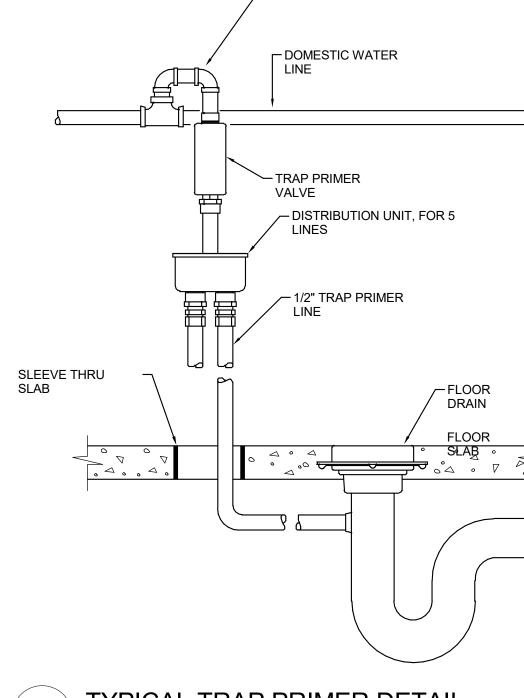






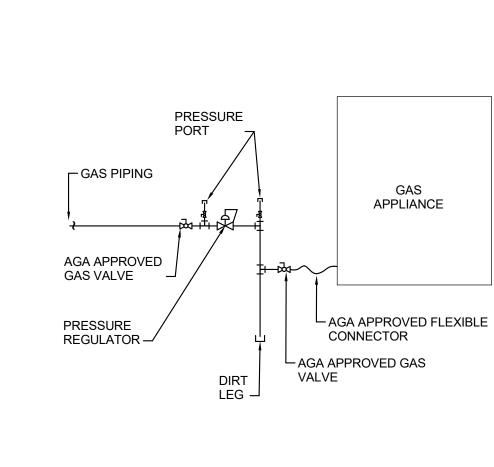






/- 1/2" TRAP PRIMER SUPPLY





GAS APPLIANCE CONNECTION
DETAIL
NO SCALE



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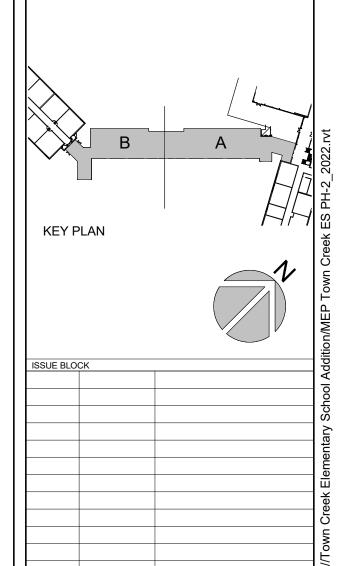
TOWN CREEK ELEMENTARY SCHOOL 2024 ADDITION -PHASE 2

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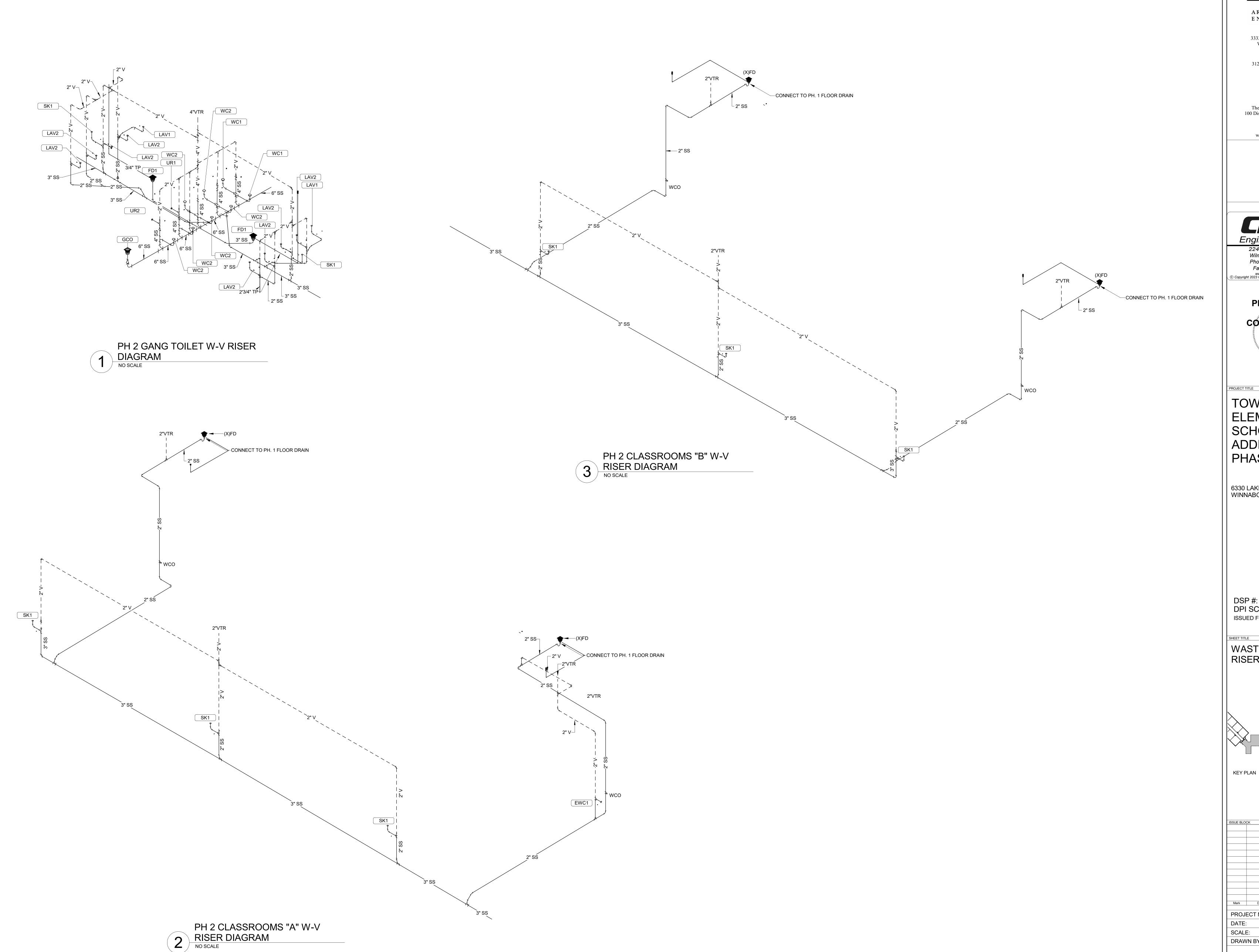
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PLUMBING DETAILS



P501

DRAWN BY: JBS PROJ MGR: DMH





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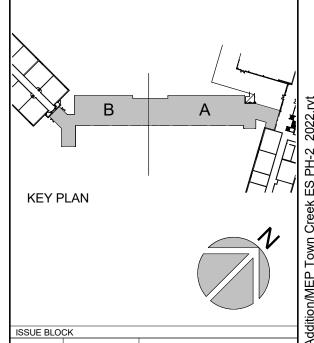
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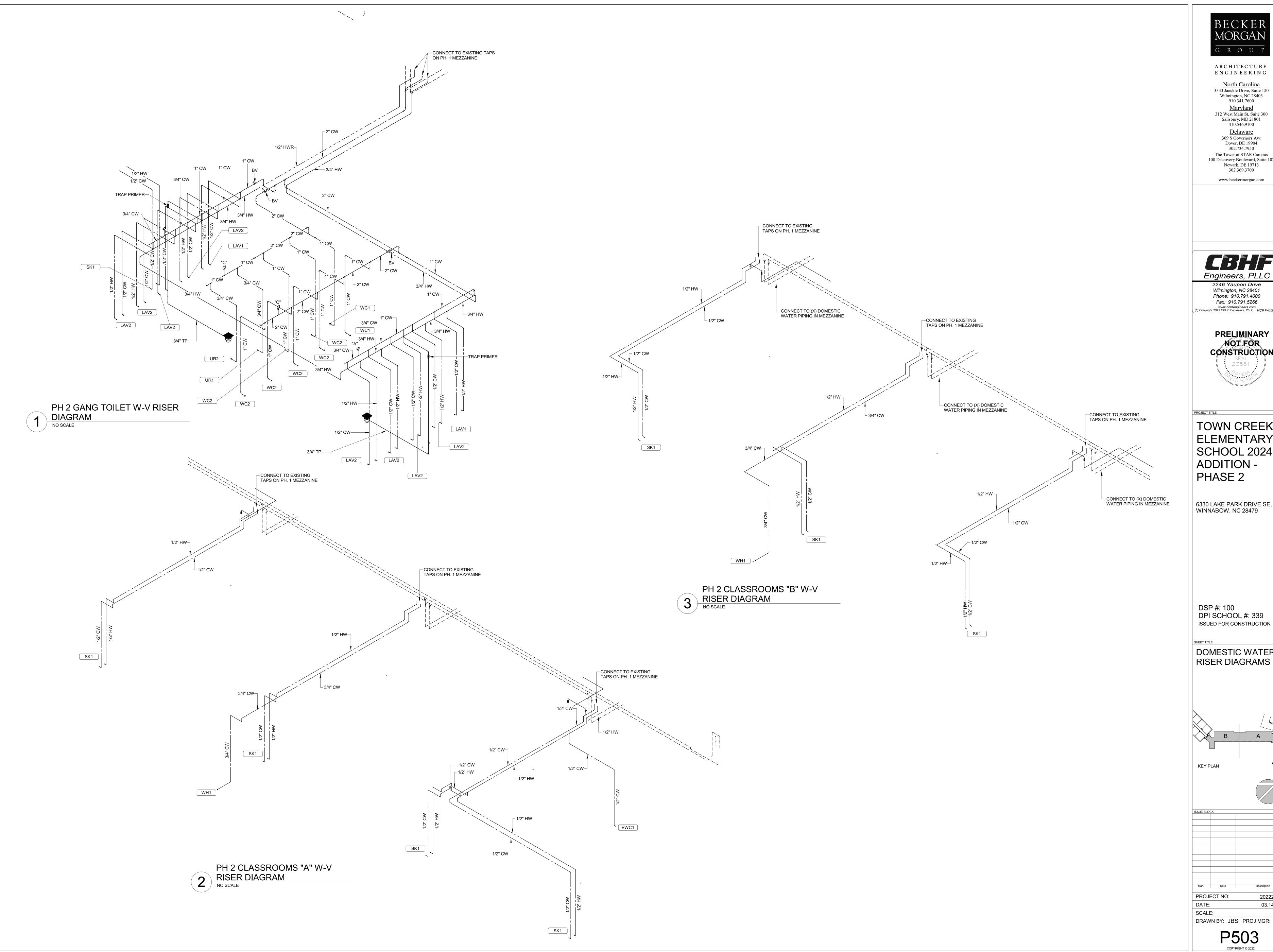
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DSP #: 100 DPI SCHOOL #: 339 ISSUED FOR CONSTRUCTION

WASTE & VENT RISER DIAGRAMS



P502



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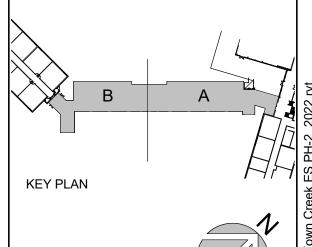
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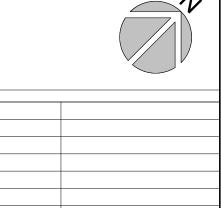
TOWN CREEK ELEMENTARY SCHOOL 2024 ADDITION -PHASE 2

6330 LAKE PARK DRIVE SE, WINNABOW, NC 28479

DSP #: 100 DPI SCHOOL #: 339

DOMESTIC WATER RISER DIAGRAMS





2022264.00 PROJECT NO: 03.14.2024

DRAWN BY: JBS PROJ MGR: DMH P503

	MBING FIXTURE SCHEDULE			I	T	1		_			
DRAWIN CODE	FIXTURE		DESCRIPTION	MANUFACTURER	MODEL	ALTERNATE APPROVED MANUFACTURERS	NOTES	DCW		SIZE WASTE	VEN
		BOWL	16.5" HIGH BOWL, ELONGATED, V.C., 2-1/8" TRAPWAY; TOP SPUD; MADERA	AMERICAN STANDARD	3043.001	ZURN, KOHLER					
VC1	FLUSH VALVE WATER CLOSET, FLOOR MTD., 1.6GPF,		11.5" HIGH, 1.6GPF	ZURN	Z6000PSWS1	SLOAN, TEC	6,12	2	-	4"	2"
	AUA	SEAT	OFLC w/ SELF-SUSTAINING S.S. CHECK HINGE; HEIGHT 17-19" AFF	PROFLO	PFTSCOFE2000WH	BEMIS, OLSONITE					
		BOWL	15" HIGH BOWL, ELONGATED, V.C., 2-1/8" TRAPWAY; TOP SPUD; MADERA	AMERICAN STANDARD	2234.001	ZURN, CRANE					
VC2	FLUSH VALVE WATER CLOSET, FLOOR MTD, 1.6GPF	FLUSH VALVE	16" HIGH, 1.6GPF	ZURN	Z6000PSWS1	SLOAN, TEC	12	1"	-	4"	2"
		SEAT	OFLC w/ SELF-SUSTAINING S.S. CHECK HINGE	PROFLO	PFTSCOFE2000WH	BEMIS, OLSONITE					
IR1	URINAL WALL HUNG, 0.125GPF, ADA	BOWL	VITREOUS CHINA, WASHOUT, ELONGATED RIM MTD. 17 A.F.F. MAX., 3/4"TOP SPUD	AMERICAN STANDARD	6590.001	ZURN, KOHLER	1 12	3//"		2"	2"
/IX I	ONINAL WALL HONG, 0.123GF1, ADA	FLUSH VALVE	11.5 HIGH	ZURN	Z6003PLULF	SLOAN, TEC	1,12	3/4			
R2	URINAL, WALL HUNG, 0.125GPF	BOWL		AMERICAN STANDARD	6590.001	ZURN, KOHLER	1 12	3/4"	_	2"	2"
	ONIVAL, WALL HONG, 0.123011			ZURN	Z6003PLULF	SLOAN, TEC	1,12	5/-4			
		BOWL	,	AMERICAN STANDARD	0954.004EC / 0059.020EC	,					
AV1	LAVATORY WALL HUNG, 0.5GPM, ADA	FAUCET	· · · · · · · · · · · · · · · · · · ·	MOEN	8884	ZURN, DELTA	1 2 3 9 12	1/2"	1/2"	2"	2"
	ENVIORE WILL HONG, G.S.S. MI, N.S.Y.	DRAIN	· · · · · · · · · · · · · · · · · · ·	MCGUIRE	155A	DEARBORN, DELTA	1,2,0,0,12	172	1,72		_
			, ,	CASH ACME	HG-135	LEONARD, WATTS					
		BOWL		AMERICAN STANDARD	0954.004EC / 0059.020EC	,				2"	
V2	LAVATORY WALL HUNG, 0.5GPM	FAUCET		MOEN	8884	ZURN, DELTA	1,2,3,9,12	1/2"	1/2"		2"
		DRAIN	CAST BRASS, CHROME PLATED, OPEN GRID STRAINER P.O. PLUG WITH BRASS TAILPIECE	MCGUIRE		DEARBORN, DELTA					
		MIXING VALVE BOWL	, ,	CASH ACME ELKAY	LRAD312265	JUST, ACORN					
			8" WIDESPREAD, WRISTBLADE HANDLES, GOOSENECK, BRASS CONSTRUCTION, CHROME FINISH, VANDAL RESISTANT TORX HEAD SCREWS, 1.2								
K1	1-COMPARTMENT COUNTERTOP SINK, ADA	FAUCET	GPM	MOEN	8248SMF12	DELTA, ZURN	2,4,5,9	1/2"	1/2"	2"	2"
	· ·	MIXING VALVE	LEAD FREE THERMOSTATIC MIXING VALVE - SETPOINT = 105%%DF INSTALL ON HOT WATER SUPPLY, ASSE 1070	CASH ACME	HG-135	LEONARD, WATTS					
		DRAIN	WROUGHT BRASS CHROME PLATED STRAINER, BRASS TAILPIECE	MCGUIRE	152N	ZURN, MOEN					
WC1	WALL HUNG WATER COOLER, ADA	FIXT	SPLIT LEVEL, S.S. TOP, LIGHT GREY BODY, BOTTLE FILLING STATION, 8 GPH @ 50/80/90, 120V/1PH WITH FILTER	ELKAY	LZSTL8WSLK	HALSEY TAYLOR, OASIS	1,11	1/2"	-	2"	2"
WC2	WALL HUNG WATER COOLER	FIXT	SINGLE STATION, S.S. TOP, LIGHT GREY BODY, 8 GPH @ 50/80/90, 120V/1PH	ELKAY	LZS8L	HALSEY TAYLOR, OASIS	1,11	1/2"	-	2"	2"
	ELECTRIC WATER LIEATER AS CALL	FIXT	GLASS-LINED TANK, DUAL 4500W, 480V/1PH, NON-SIMULT.		DEL-40	BRADFORD-WHITE,	•	0 / 4 !!	0/48	-	-
WH1	ELECTRIC WATER HEATER, 40 GAL	EXP TANK	2 GAL DIAPHRAGM	A.O. SMITH	PMC-5	RHEEM	8	3/4"	3/4"	_	l -
P1	HOT WATER RECIRCULATION PUMP	FIXT	IN-LINE WET ROTOR, STAINLESS STEEL VOLUTE, 3-SPEED, 115/1/60, 125W. BUILT IN THERMAL PROTECTION.	GRUNDFOS	UPS 15	B&G, MYERS		-	MATCH	-	-
CO	GRADE CLEANOUT	FIXT	4"SCH. 40 HUB, PVC BASE ADAPTER, ROUND NICKEL-BRONZE COVER, VANDAL RESISTANT SCREWS	SIOUX CHIEF	851-44NV	ZURN, SMITH		-	-	MATCH	. -
/CO	WALL CLEANOUT	FIXT		SIOUX CHIEF	870	ZURN, SMITH		-	-	MATCH	. -
D1	FLOOR DRAIN	FIXT	FINISHLINE ADJUSTABLE, SCH. 40 HUB CONNECTION, ABS/PVC BASE ADAPTER, SQUARE NICKEL BRONZE STRAINER, TRAP PRIMER CONNECTION	SIOUX CHIEF	832	ZURN, SMITH	7	-	-	MATCH	-
D2	FLOOR DRAIN	FIXT	FINISHLINE ADJUSTABLE, SCH. 40 HUB CONNECTION, ABS/PVC BASE ADAPTER, SQUARE NICKEL BRONZE STRAINER, TRAP PRIMER CONNECTION	SIOUX CHIEF	832	ZURN, SMITH	7	-	-	MATCH	-
B1	INTERIOR HOSE BIBB	FIXT	POLISHED CHROME, VACUUM BREAKER, [WHEEL][REMOVABLE TEE] HANDLE, 3/4" HOSE THREAD	WOODFORD	24	ZURN, WATTS		1/2"	-	-	-
/H1	WALL HYDRANT	FIXT	CHROME PLATED BRASS, ANTI-SIPHON, VACUUM BREAKER, REMOVABLE TEE HANDLE, 3/4" HOSE THREAD	WOODFORD	65	ZURN, WATTS		,4,5,9 1/2" 1/2" ,11 1/2" - ,11 1/2" - 3/4" 3/4" - MAT	-	-	-
)B1	ICE MAKER BOX	FIXT	ABS HOUSING, 1/4 TURN BALL VALVE, CHROME PLATED BRASS, SHOCK ARRESTORS	SIOUX CHIEF	696	OATEY, IPS		1/2"	-	-	-
OTES	*		WITH BEARING PLATE AND WALL HANGER. TH CLEANOUT; PROVIDE ADA OFFSET ARRANGEMENT WHERE REQUIRED.								
	3. PROVIDE ADA INSULATION KIT										
	4 COORDINATE MUTUANULINICES										

PROVIDE ADA INSULATION KIT
 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 TRAP PRIMER8. NOT USED.

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. NOT USED.

11. PROVIDE 1/2"IPS x 3/8" O.D. BRASS STOP CONCEALED BEHIND CABINET.

12. REFER TO ARCHITECTURAL DRAWING A401 FOR MOUNTING HEIGHT DETAILS.

FIXTURE TAG	DESCRIPTION	BTUH RATING	QUANTITY	TOTAL			
RTU01	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU02	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU03	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU04	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU05	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU06	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU07	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
RTU08	PACKAGED ROOFTOP GAS PACK	60,000	1	60,000			
TOTAL LOAD							
BUILDING SER	VICE GAS PRESSURE			2 ps			

FIXTURE	OCCUPANCY	TYPE OF CONTROL	QUANTITY	DOMESTIC WATER SYSTEM (W.S.F.U.)					WASTE & VENT SYSTEM		
				INDIVIDUAL FIXTURE UNITS		TOTAL FIXTURE UNITS			(D.F.U.)		
				COLD	HOT	TOTAL	COLD	HOT	TOTAL	EACH	TOTAL
CLASSROOM SINK	PRIVATE	FAUCET	8	1.0	1.0	1.4	8.0	8.0	11.2	2.0	16.0
LAVATORY	PUBLIC	FAUCET	10	1.5	1.5	2.0	15.0	15.0	20.0	1.0	10.0
URINAL	PUBLIC	3/4"FLUSH VALVE	2	5.00	0.00	5.00	10.0	0.0	10.0	2.0	4.0
WATER CLOSET	PUBLIC	FLUSH VALVE	8	10.00	0.00	10.00	80.0	0.0	80.0	4.0	32.0
TOTALS				•	•		113.0	23.0	121.2		62.0

BASED ON AN ESTIMATED DEMAND OF 121.2 W.S.F.U.(73 GPM), PROVIDE A 2" INCOMING WATER LINE. BASED ON A WASTE COUNT OF 76.5 D.F.U., PROVIDE A 6" OUTGOING WASTE LINE.

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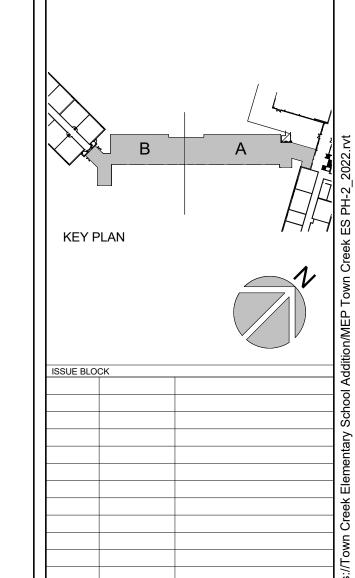
PROJECT TITLE

TOWN CREEK
ELEMENTARY
SCHOOL 2024
ADDITION PHASE 2

6330 LAKE PARK DRIVE SE, WINNABOW, NC 28479

DSP #: 100 DPI SCHOOL #: 339 ISSUED FOR CONSTRUCTION

PLUMBING SCHEDULES



P601

DRAWN BY: JBS PROJ MGR: DMH

03.14.2024