GENERAL NOTES		DEMOLITION NOTE	S						
<ol> <li>ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.</li> <li>THE ENTIRE INSTALLATION SHALL BE COORDINATED WITH THE WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. THE CONTRACTOR SHALL VERIFY, IN THE FIELD, THE EXACT LOCATION OF ALL EXISTING PLUMBING SYSTEMS PRIOR TO MAKING NEW CONNECTIONS TO EXISTING UNITS THE CONTRACTOR SHALL PLOYING ALL EXISTING FOR TO MAKING NEW CONNECTIONS TO EXISTING</li> </ol>	<ol> <li>THE CONTRACTOR SHALL INCLUDE IN THEIR PRICE ALL COSTS ASSOCIATED WITH REMOVALS AND RELOCATIONS OF PLUMBING WORK AS DESCRIBED ON THE DRAWINGS AND IN THE SPECIFICATIONS WITH ALLOWANCES FOR EXPECTED OR UNFORESEEN DIFFICULTIES WHEN CONCEALED WORK HAS BEEN OPENED. NO CLAIMS FOR ADDITIONAL WORK ASSOCIATED WITH DEMOLITION WILL BE ACCEPTED, EXCEPT IN CERTAIN CASES CONSIDERED JUSTIFIABLE BY THE ARCHITECT.</li> <li>THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING PLUMBING WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL LAYOUTS. ALL SYSTEMS WHICH ARE NO LONGER</li> </ol>								
LINES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION. 3. DO NOT SCALE FROM THESE DRAWINGS.	REQUIRED TO FUNCTION	EW ARCHITECTURAL LAYOUTS. ALL SYSTE SHALL BE REMOVED BACK TO ACTIVE L . PERFORM DEMOLITION AND REMOVAL V	INES.						
<ol> <li>4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.</li> </ol>	TO FUNCTIONING PLUMB RESTORED.	ING SYSTEMS. ALL AFFECTED SYSTEMS S	SHALL BE RECONNECTED AND						
5. DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.	THE CONTRACTOR SHALL	AL WORK SHALL BE PERFORMED IN A N PATCH, REPAIR OR OTHERWISE RESTOF FACE TO ITS ORIGINAL CONDITION.							
6. THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.	REMOVED. WHERE THE F	REMOVE ALL PIPING SUPPORTS, ETC. REMOVAL OF THESE ITEMS DISRUPTS EXI INSTALL AND PROVIDE BYPASS CONNEC	STING PIPING THAT IS TO REMAIN,						
7. ANY DISCREPANCIES OR INADEQUACIES WITHIN DOCUMENTS, BETWEEN THESE DOCUMENTS AND RELATED HVAC, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR DECOR, AND STRUCTURAL DOCUMENTS, OR BETWEEN THESE DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO SUBMISSION.	6. PORTIONS OF MAINS TO	BE REMOVED OR ABANDONED AS A RE O REMAIN ACTIVE, SHALL BE CUT AT CO	SULT OF DEMOLITION WORK, BUT						
8. THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF RECORD "AS BUILT" DRAWINGS INDICATING THE PRECISE LOCATION OF ALL SYSTEMS, EQUIPMENT, CONCEALED OR EMBEDDED PIPING, EXPOSED PIPING, PIPING CONNECTIONS, AND ACCESS PANELS/DOORS. THESE DRAWINGS SHALL INCLUDE ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION DOCUMENTS.	PROJECTED DEMOLITION UTILITIES MAY BE CARRII 8. ALL EXISTING MATERIAL	NOTIFY THE BUILDING OWNER AT THE AND PHASING SCHEDULE SO THAT REMO ED OUT IN COORDINATION WITH THE PRO AND EQUIPMENT IN USABLE CONDITION,	OVAL OR RELOCATION OF AFFECTED OJECT REQUIREMENTS. WHICH IS TO BE REMOVED UNDER						
9. THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.	THE PLUMBING CONTRAC	REMAIN THE PROPERTY OF THE OWNER TOR, AS DIRECTED BY THE OWNER.							
10. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.		TING BUILDING PLUMBING SERVICES SH E ARRANGEMENTS AT LEAST 5 BUSINESS							
11. THE CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND ELECTRICAL CONTRACTOR. THE CONTRACTOR SHALL FURNISH PLUMBING EQUIPMENT WIRED FOR THE VOLTAGES SHOWN IN CONTRACT DOCUMENTS AND COORDINATED WITH ELECTRICAL CONTRACTOR.	0	PENING / SLEEVE SCH	EDULE						
12. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS,		WATER, HOT WATER, AND HOT WATER RE							
TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION. 13. THE CONTRACTOR SHALL SUBMIT, PRIOR TO ANY FABRICATION OR INSTALLATION, ALL NECESSARY	PIPE DIAMETER	WALL / FLOOR SLEEVE DIAMETER	BEAM OPENING DIAMETER 4"						
DRAWINGS, EQUIPMENT/MATERIAL PRODUCT DATA, DOCUMENTATION, AND CALCULATIONS REQUIRED TO COMPLETE THE WORK OUTLINED IN THE CONTRACT DOCUMENTS.	1"	4"	4i"						
14. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION PRIOR TO ANY FABRICATION OR INSTALLATION. ALL FEES FOR PERMITS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.	1r"	4"	5"						
15. ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.	1i" 2" & 2i"	4" 5"	5"						
16. ALL EXPOSED HORIZONTAL AND VERTICAL PIPING SHALL BE INSTALLED IN A NEAT ARRANGEMENT AND IN THE MOST INCONSPICUOUS LOCATION POSSIBLE. VERTICAL DROPS SHOULD BE KEPT TO A MINIMUM AND SHOULD BE LOCATED WITHIN CHASES, WALLS, AND SOFFITS WITH OTHER MECHANICAL PIPING AND ELECTRICAL CONDUITS WHEN POSSIBLE. ALL SUCH LOCATION ARE TO BE REVIEWED	3" 4"	6" 8"	6i" 7i"						
WITH THE ARCHITECT PRIOR TO INSTALLATION. 17. WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE	5" 	8" 10"	8i" 9i"						
PROVIDED WITH REMOTE READING. 18. THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND	UNINSULATED SANITARY, WAS	I TE, VENT, STORM, AND GAS PIPING							
GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING. 19. THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING	PIPE DIAMETER	WALL / FLOOR SLEEVE DIAMETER	BEAM OPENING DIAMETER						
REQUIREMENTS WITH OTHER TRADES. 20. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL COLD WATER, HOT WATER, AND HOT WATER	1i" 	3" 4"	3" 3i"						
RECIRCULATION PIPING. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL HORIZONTAL STORM WATER PIPING.	2 2i"	4"	4"						
21. ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.	3"	5"	4i"						
22. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS/DOORS FOR ALL CLEANOUTS, VALVES, AND ANY OTHER EQUIPMENT LOCATED WITHIN WALLS, PARTITIONS, OR CEILINGS THAT REQUIRE ACCESS FOR MAINTENANCE AND/OR OPERATION.	4" 	6" 8"	5i" 6i"						
23. THE CONTRACTOR SHALL INSTALL TRAP SEAL PRIMERS ON ALL FLOOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE NECESSARY COLD WATER CONNECTION TO ALL TRAP SEAL	6"	8"	7i"						
PRIMERS.	8" 	10" 12"	9i" 11i"						
24. THE CONTRACTOR SHALL PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY, WASTE, STORM, AND VENT STACKS. CLEANOUT DECK PLATES PLATES MUST ALSO BE PROVIDED ON ALL BURIED SANITARY, WASTE, AND STORM PIPING AT INTERVALS OUTLINED IN APPLICABLE CODE.	10 12"	15"	13i"						
25. SUDS PRESSURE ZONE REQUIREMENTS SHALL BE MEET IN THE DESIGN OF THE SANITARY, WASTE, AND VENT SYSTEMS. NO CONNECTION SHALL BE MADE TO THE VERTICAL PORTION OF A SANITARY OR WASTE STACK WITHIN FORTY STACK DIAMETERS OF THE BASE FITTING. NO CONNECTION SHALL BE MADE TO THE HORIZONTAL OFFSET PORTION OF A SANITARY OR WASTE STACK WITHIN TEN STACK DIAMETERS OF THE BASE FITTINGS.	15"	18"	16i"						
26. NO DRAINAGE BRANCH SHALL BE CONNECTED TO A SANITARY OR WASTE STACK WITHIN TWO FEET ABOVE OR BELOW A HORIZONTAL OFFSET EXCEPT WHERE NO OTHER DRAINAGE BRANCH IS CONNECTED TO THE STACK AT A HIGHER STORY.									
27. THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.									
28. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO ALL EQUIPMENT AND FIXTURE INDICATED ON THE ARCHITECTURAL AND PLUMBING DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SERVICE CONNECTIONS TO HVAC AND FIRE PROTECTION EQUIPMENT.									
29. UPON COMPLETION, EXISTING SYSTEM SHALL BE IN WORKING ORDER.									

## GENERAL PLUMBING NOTES:

- 1. PLUMBING CONTRACTOR WILL RE-INSULATE ANY EXISTING DOMESTIC WATER ELBOWS AND PIPE RUNS WHICH WERE REMOVED BY THE ABATEMENT. SEE H-DRAWINGS FOR LOCATIONS AND SCOPE. ALL COSTS TO BE INCLUDED IN THE PLUMBING CONTRACTORS BASE BID.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH THE 2. PLUMBING WORK. THIS INCLUDES:
  - a. CUTTING TO GAIN ACCESS TO ROUGHING UNITS
  - b. PATCHING TO MATCH WITH LIKE MATERIALS/COLORS ANY SURFACES IMPACTED
  - c. PVC JACKET SHALL BE INSTALLED ON ANY EXPOSED PLUMBING PIPING. d. EXISTING CEILING REMOVAL/REPLACE WHERE NEEDED FOR PLUMBING WORK, EXCEPT
  - IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTIVE CEILING PLANS... e. REMOVAL AND REINSTALLATION/REPLACEMENT OF EXISTING CASEWORK IN
  - CLASSROOMS AND LABS.
  - f. IN SOME LOCATION THERE ARE PLASTER CEILINGS WHICH REMAIN ABOVE THE ACOUSTIC TILE/GRID CEILING. PLUMBING CONTRACTOR WILL CUT ACCESS HOLES WHERE NECESSARY TO ENABLE INSTALL OF HANGERS AND PIPING TO STRUCTURE ABOVE.

	SYMBOL LIST
S	SANITARY/SOIL PIPING
w	WASTE PIPING
	INDIRECT WASTE PIPING
	VENT PIPING
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT WATER RETURN PIPING
GAS	GAS PIPING
	ARROW REPRESENTS DIRECTION OF FLOW
x x x x	PIPING TO BE DEMOLISHED
	PIPE BREAK
	CAPPED OUTLET
¦ı	CLEANOUT / PLUGGED OUTLET
<b>0</b>	CLEANOUT DECK PLATE
<b></b>	P-TRAP
<b>&gt;</b>	PIPE DROP / DOWN
o	PIPE RISE / UP
<del>~~~?</del>	PIPE BOTTOM CONNECTION
	PIPE TOP CONNECTION
	PIPE SIDE CONNECTION
ę	VACUUM BREAKER
Ŷ	SHOCK ARRESTOR
Ø	DRAIN
Q	TEMPERATURE GAUGE
	CHECK VALVE
•	BALL VALVE
×	MIXING VALVE
<b>杰 法</b>	OS&Y/OS&Y WITH TAMPER SWITCH
	POINT OF DISCONNECTION FROM EXISTING PIPING
Ð	POINT OF CONNECTION TO EXISTING PIPING
₽□₽	HOT WATER BALANCING RIG

NE	EW YORK STATE C	ODES & STANDARDS
<ul> <li>202</li> <li>202</li> <li>202</li> <li>202</li> <li>202</li> <li>202</li> <li>202</li> <li>202</li> </ul>	20 BUILDING CODE OF NEW YOF 20 FIRE CODE OF NEW YORK S 20 PLUMBING CODE OF NEW YO 20 MECHANICAL CODE OF NEW YO 20 FUEL GAS CODE OF NEW YO 20 NYS UNIFORM CODE SUPPLE 3 EDUCATION DEPARTMENT 2022	TATE RK STATE YORK STATE RK STATE
	NEW YORK STAT	E ENERGY CODES
	20 ENERGY CONSERVATION CONS 16 ASHRAE 90.1	STRUCTION CODE OF NEW YORK STATE
	REFERENCE	D STANDARDS
		REFERENCED BY ALL STATE CODES. THE LIST INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

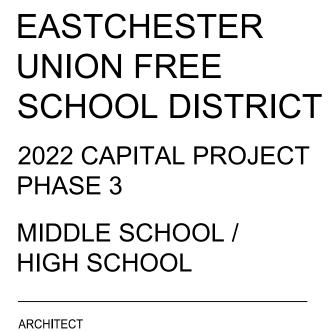
2016 NPFA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
2016 NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS • 2016 NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION

• 2017 NFPA 70 - NATIONAL ELECTRICAL CODE

• 2016 NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE

ABBREVIATIONS LIST									
FF	ABOVE FINISHED FLOOR								
LDG	BUILDING								
OP	BOTTOM OF PIPE								
0	CLEANOUT								
М	COFFEE MAKER								
LG	CEILING								
ONN	CONNECT / CONNECTION								
ONT	CONTINUE / CONTINUATION								
V	CHECK VALVE								
W	DOMESTIC COLD WATER								
IA	DIAMETER								
N	DOWN (PENETRATES FLOOR SLAB)								
R	DRAIN								
w	DISHWASHER								
WG	DRAWING								
x	EXISTING								
Al	FRESH AIR INLET								
D	FLOOR DRAIN								
C	HANDICAPPED ACCESSIBLE FIXTURE								
W	DOMESTIC HOT WATER								
WR	DOMESTIC HOT WATER RETURN								
v	INDIRECT WASTE								
ΤS	NOT TO SCALE								
FWH	NON-FREEZE WALL HYDRANT								
D	PUMP DISCHARGE								
AN	SANITARY/SOIL								
к	SINK								
PR	SPRINKLER								
YP	TYPICAL								
P	UP (PENETRATES FLOOR SLAB)								
	VENT								
В	VACUUM BREAKER								
ı	WASTE								

PLI	JMBING DRAWING LIST
Sheet	Sheet Title
MSHS P001	PLUMBING COVER SHEET
MSHS PD100-A	PLUMBING DEMOLITION PART PLAN - BASEMENT - AREA A
MSHS PD100-B	PLUMBING DEMOLITION PART PLAN - BASEMENT - AREA B
MSHS PD100-C	PLUMBING DEMOLITION PART PLAN - BASEMENT - AREA C
MSHS PD101-A	PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA A
MSHS PD101-B	PLUMBING DEMOLITION PART PLAN - FIRST FLOOR - AREA B
MSHS PD102-A	PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA A
MSHS PD102-B	PLUMBING DEMOLITION PART PLAN - SECOND FLOOR - AREA B
MSHS PD103-B	PLUMBING DEMOLITION PART PLAN - THIRD FLOOR - AREA B
MSHS P100-A	PLUMBING PART PLAN - BASEMENT - AREA A
MSHS P100-B	PLUMBING PART PLAN - BASEMENT - AREA B
MSHS P100-C	PLUMBING PART PLAN - BASEMENT - AREA C
MSHS P101-A	PLUMBING PART PLAN - FIRST FLOOR - AREA A
MSHS P101-B	PLUMBING PART PLAN - FIRST FLOOR - AREA B
MSHS P102-A	PLUMBING PART PLAN - SECOND FLOOR - AREA A
MSHS P102-B	PLUMBING PART PLAN - SECOND FLOOR - AREA B
MSHS P103-B	PLUMBING PART PLAN - THIRD FLOOR - AREA B
MSHS P501	PLUMBING RISER DIAGRAM
MSHS P601	PLUMBING SCHEDULES
MSHS P701	PLUMBING DETAILS

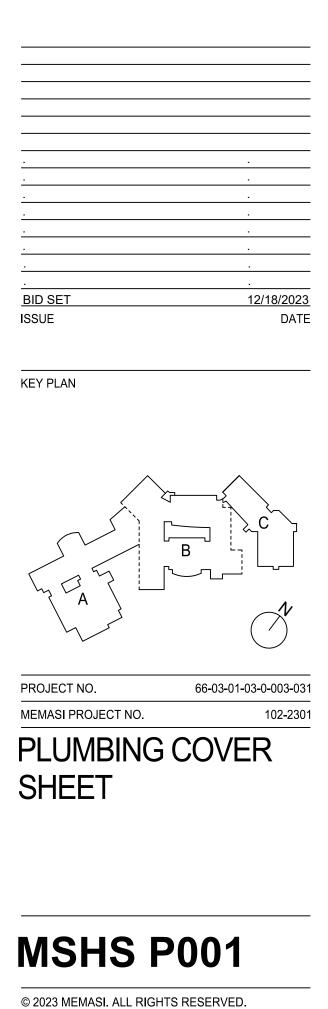


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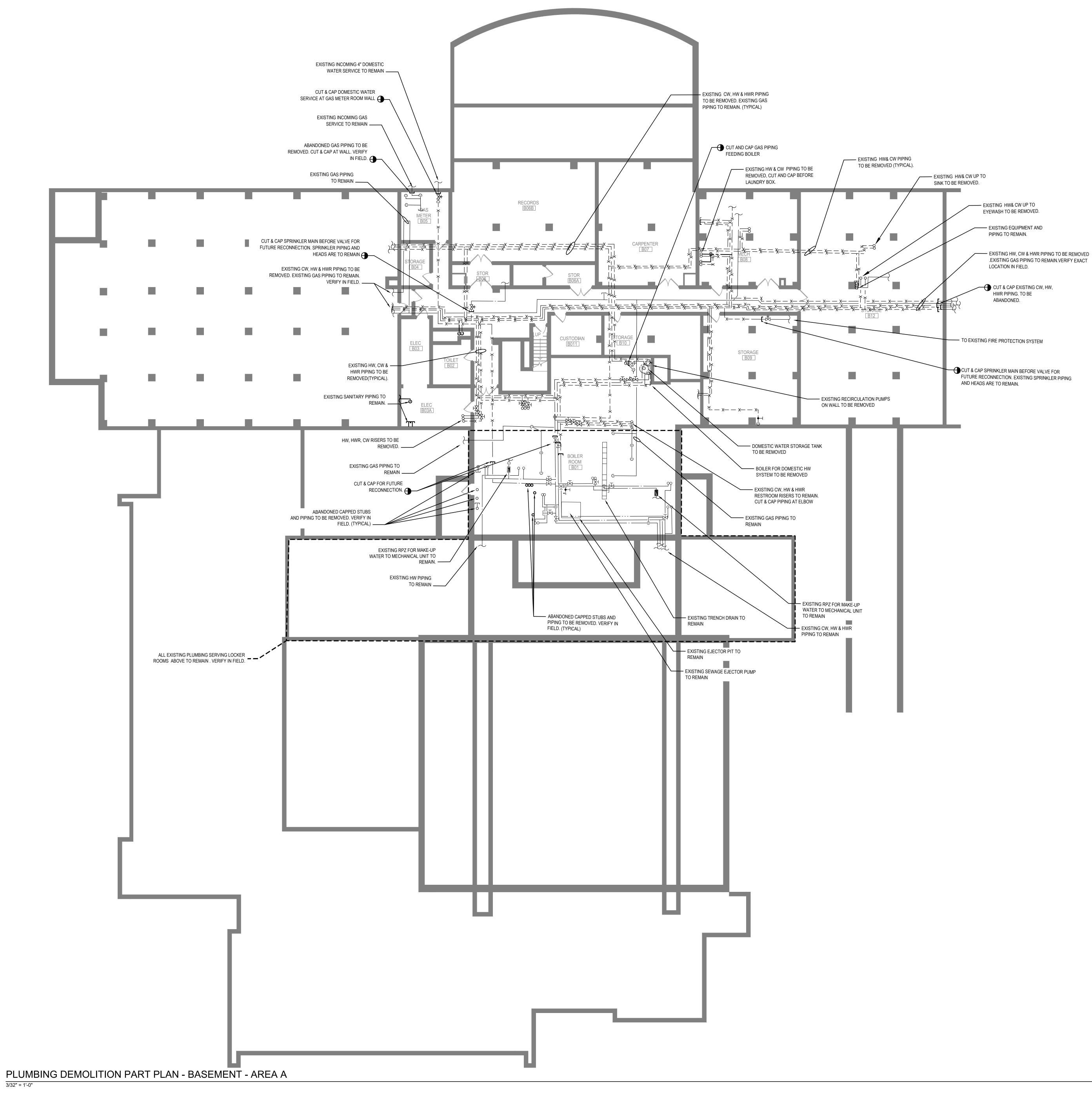
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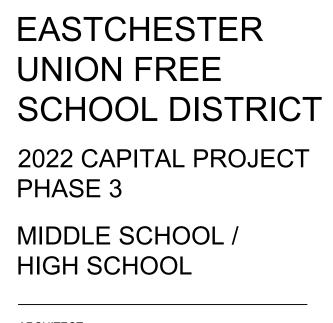
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MECHANICAL/ELECTRICAL/PLUMBING CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905



## CUT & CAP DOMESTIC WATER



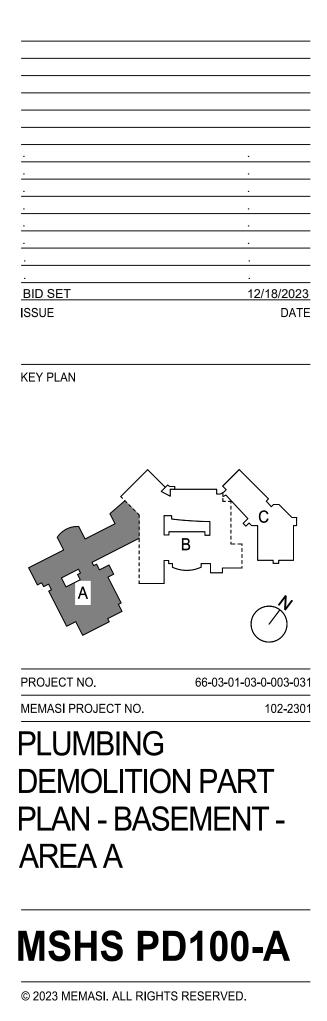


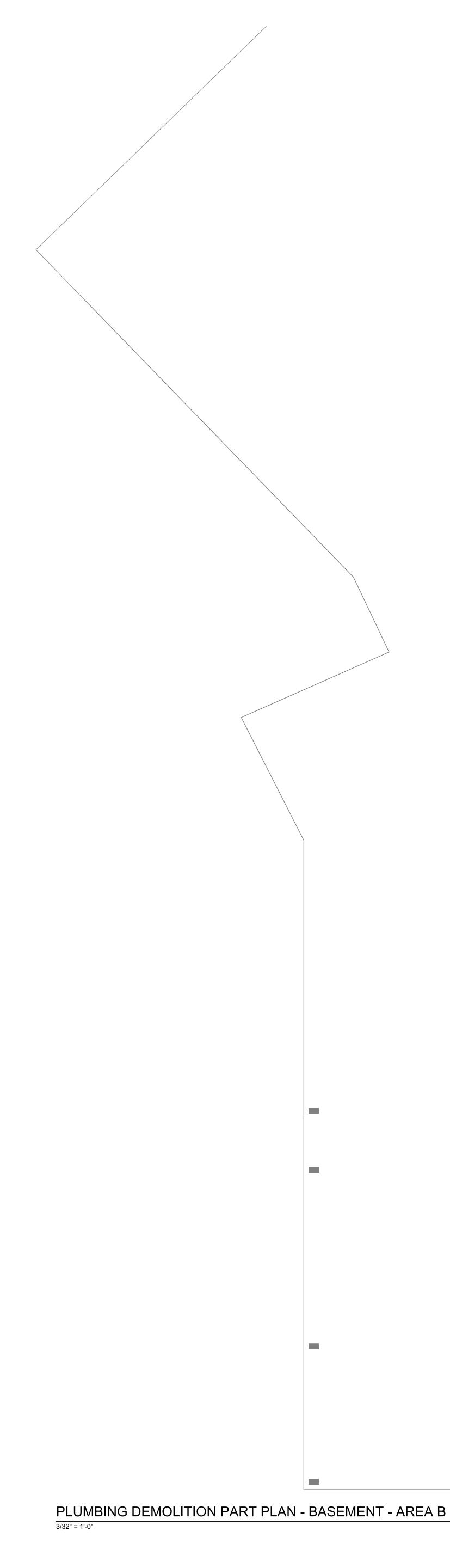
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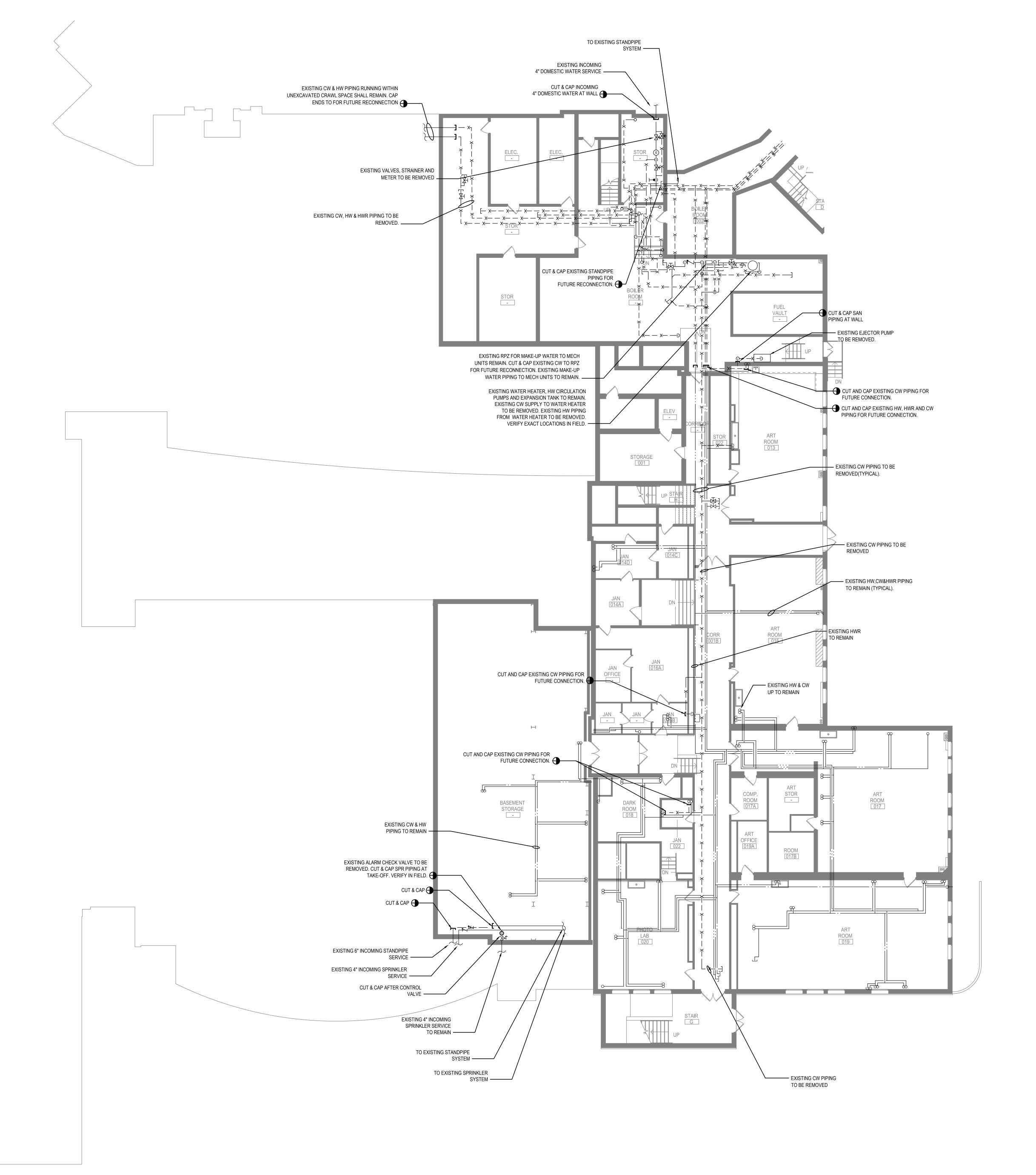
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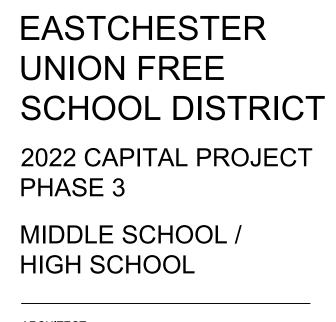
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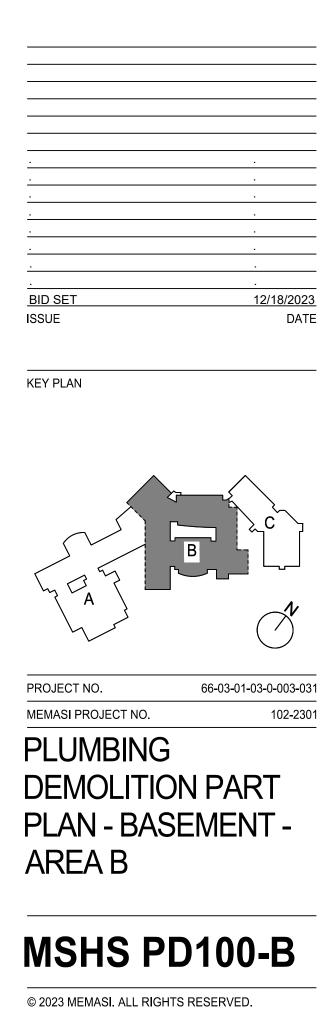


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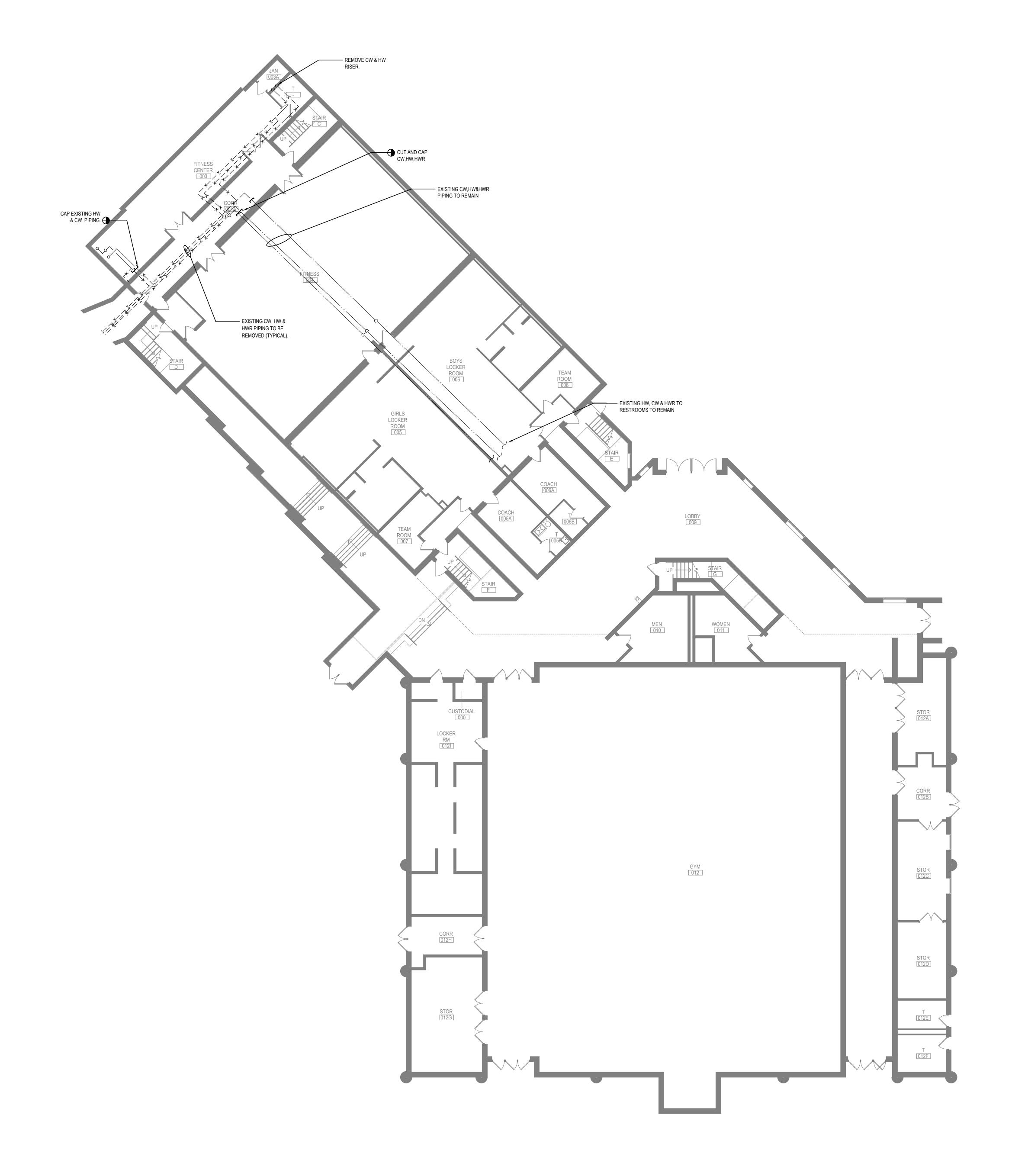
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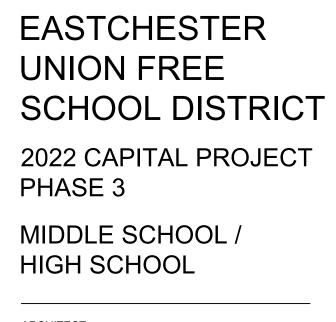
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PLUMBING DEMOLITION PART PLAN - BASEMENT - AREA C





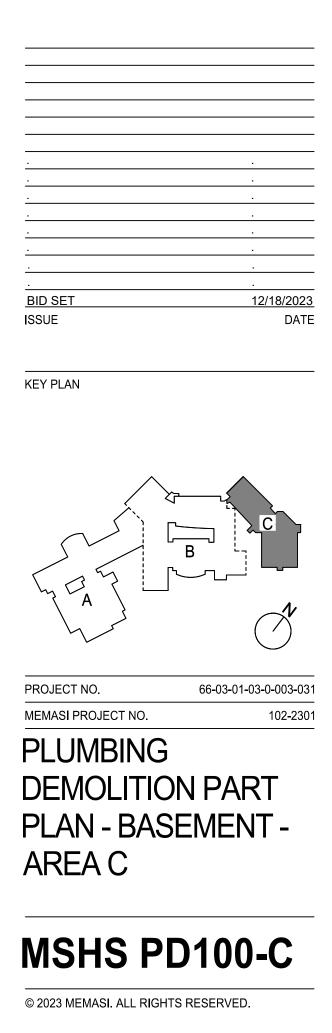
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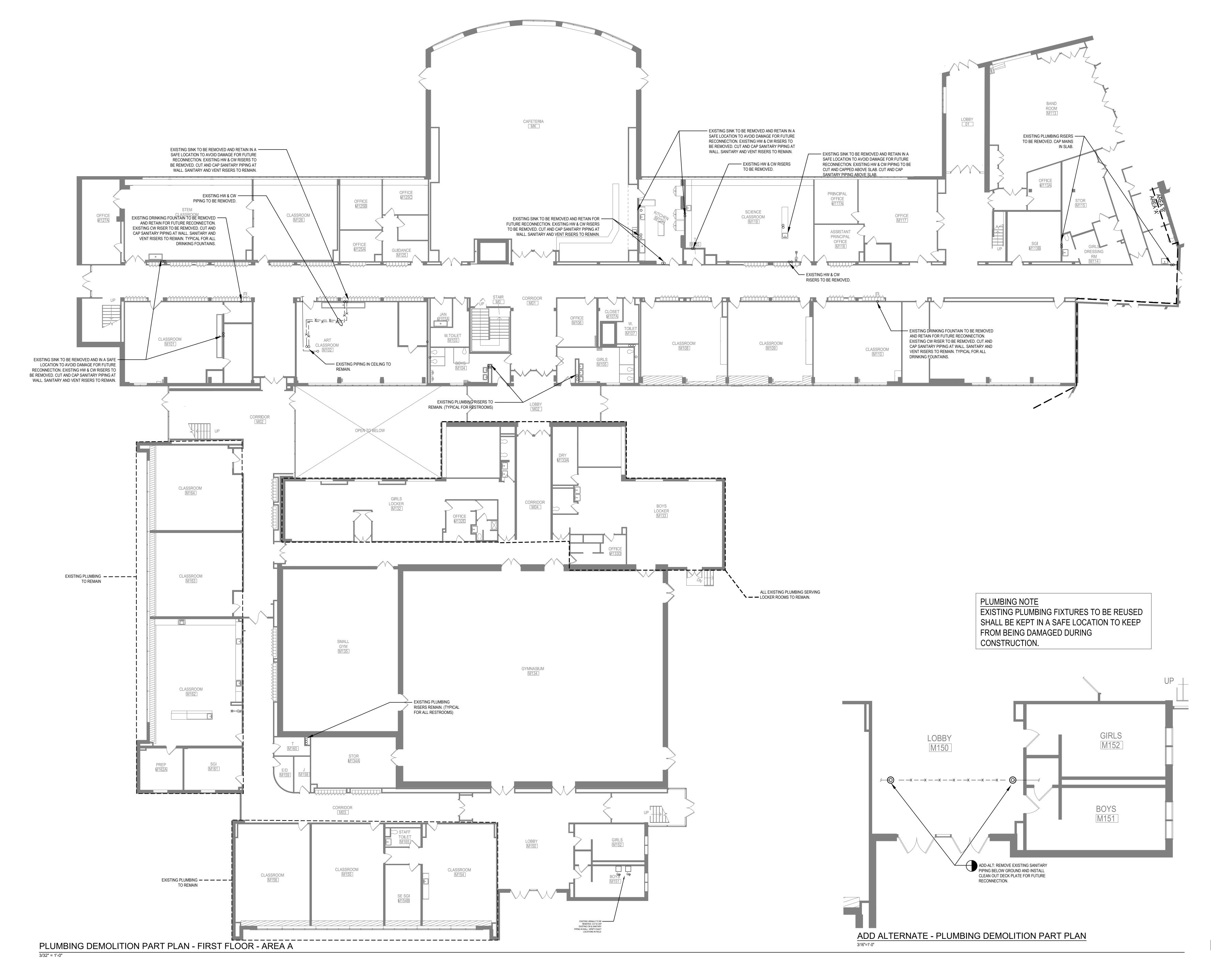
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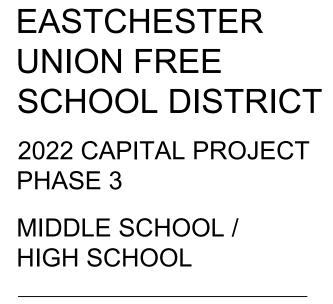
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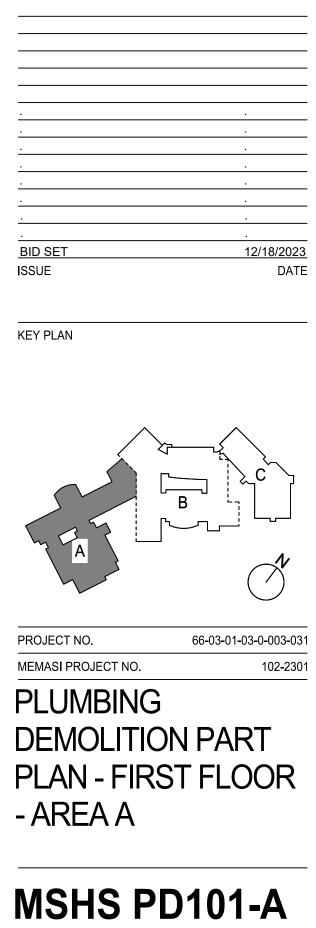


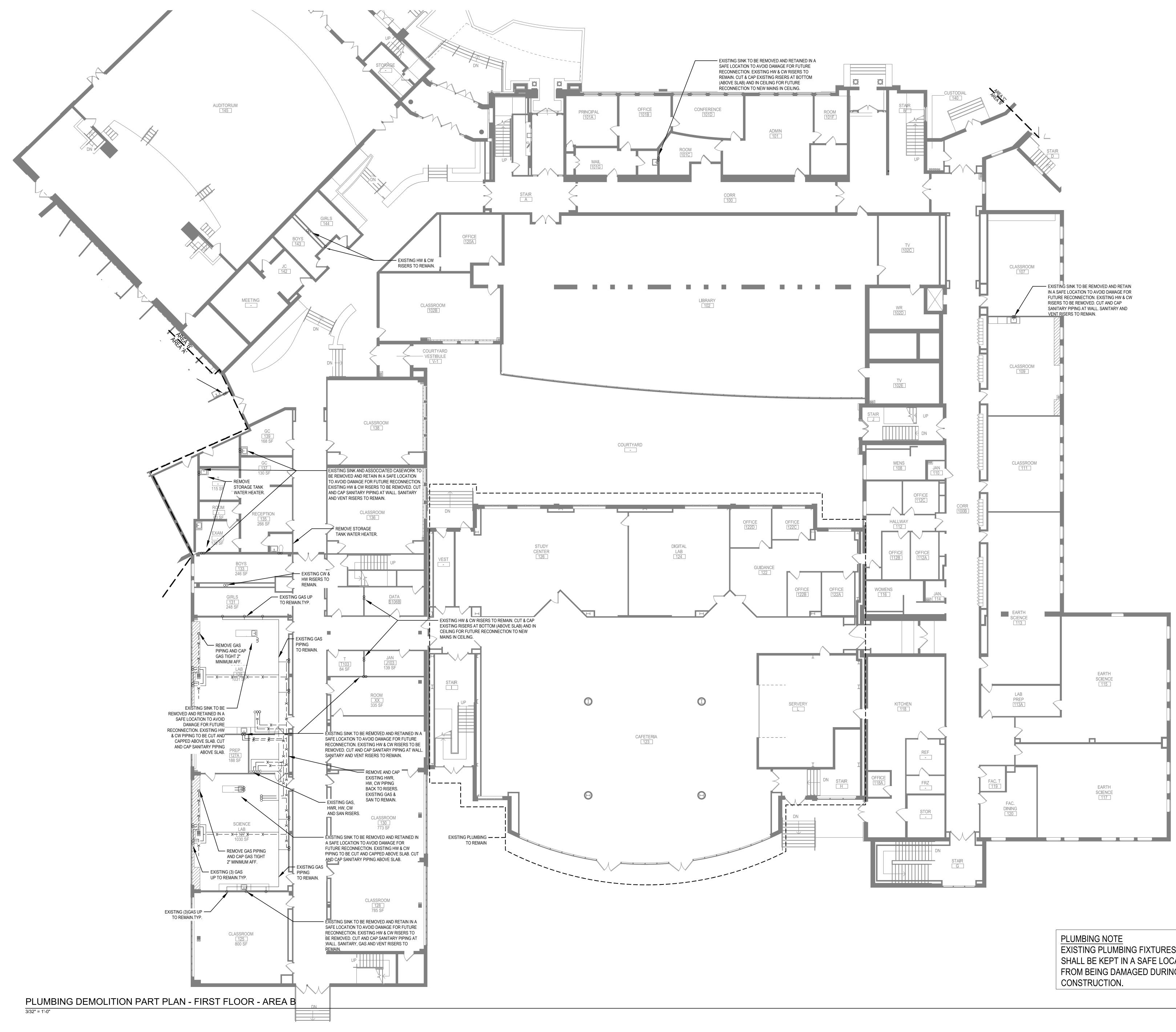
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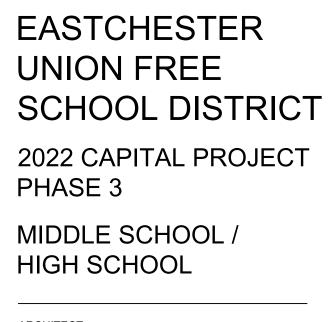
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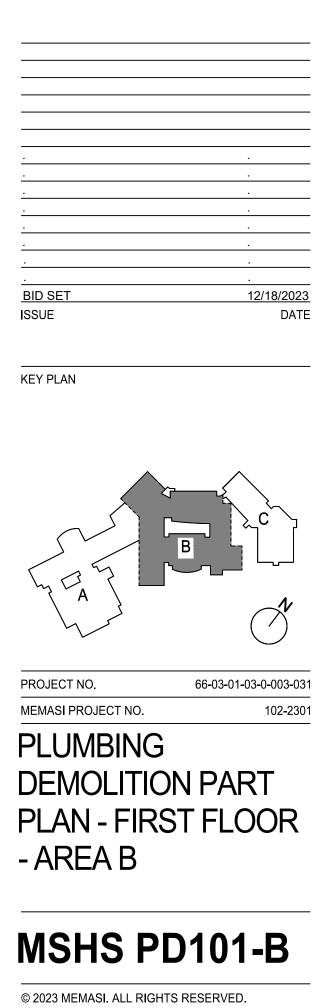


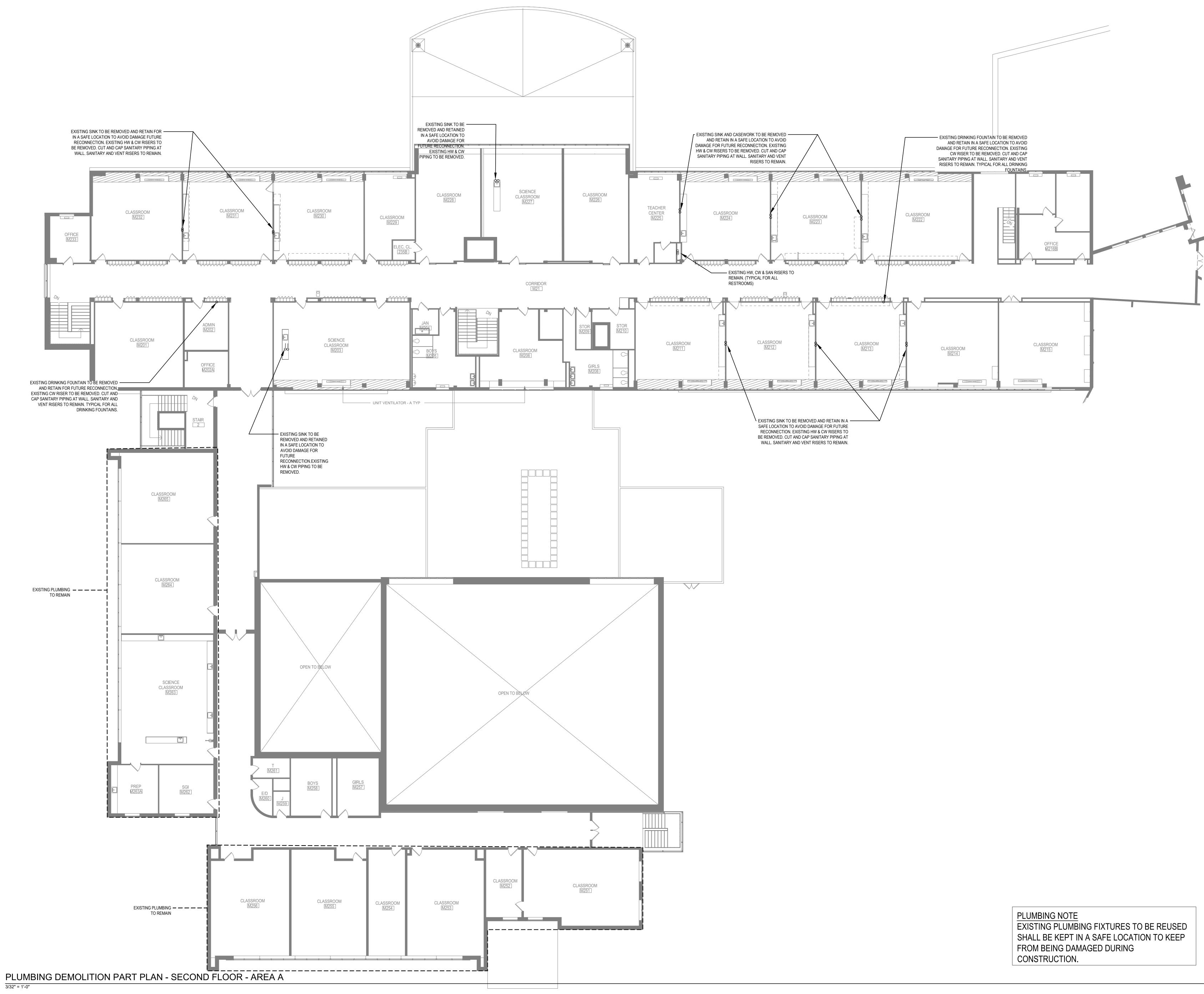
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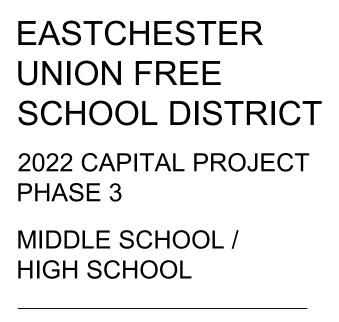
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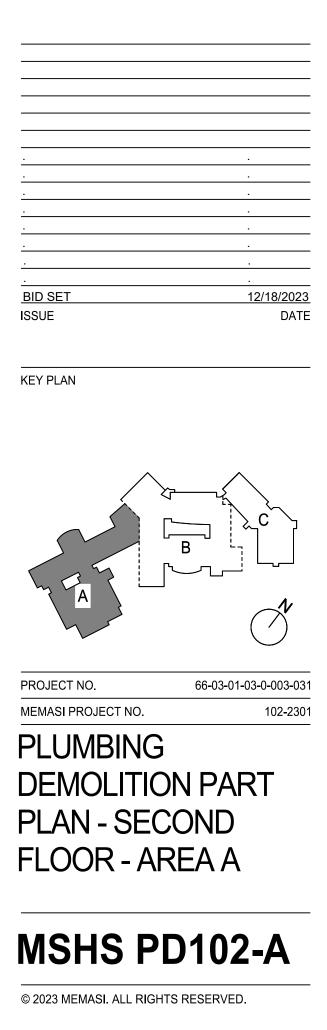


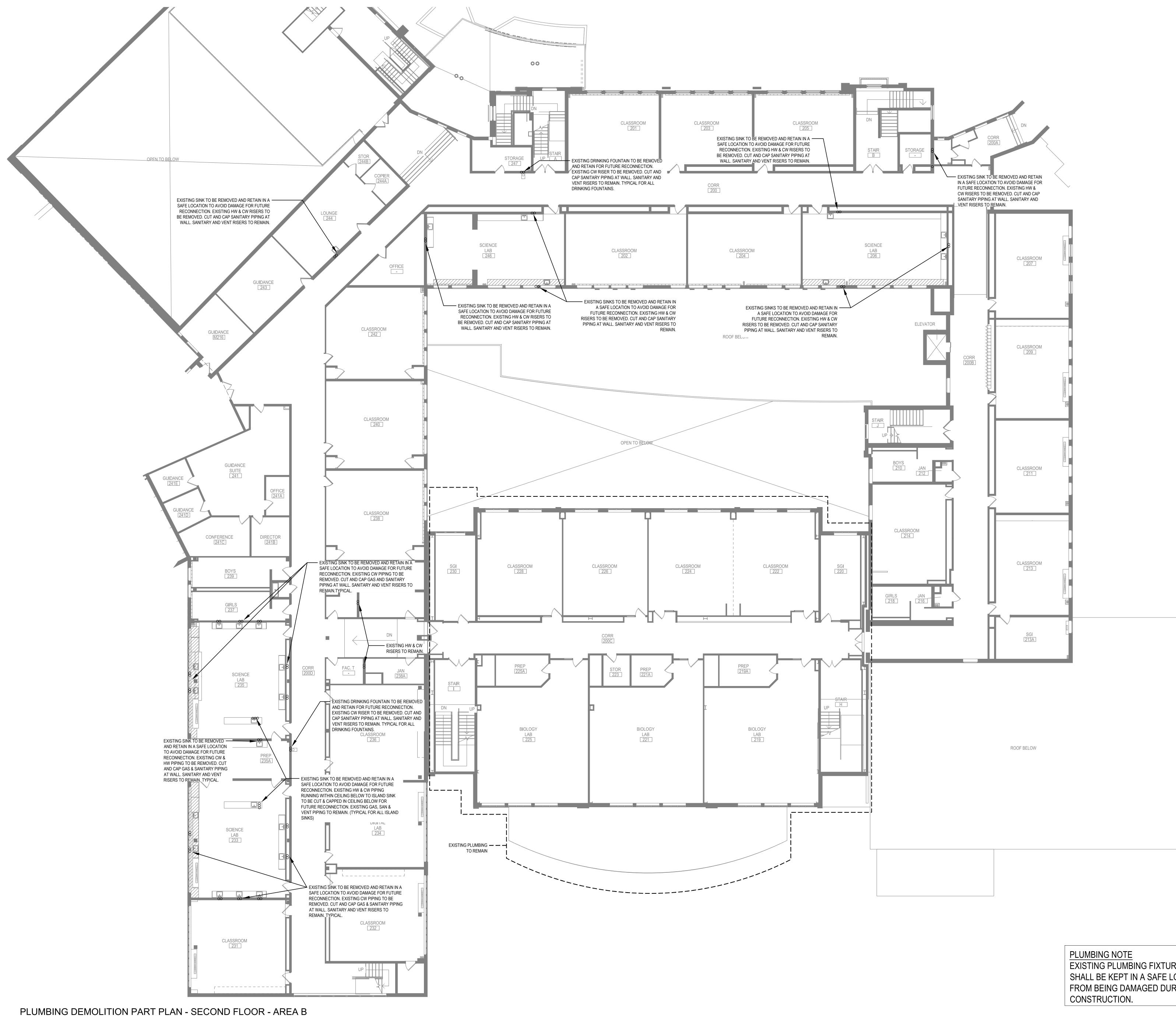


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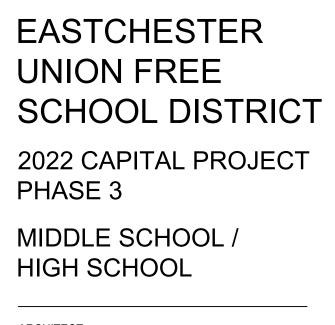
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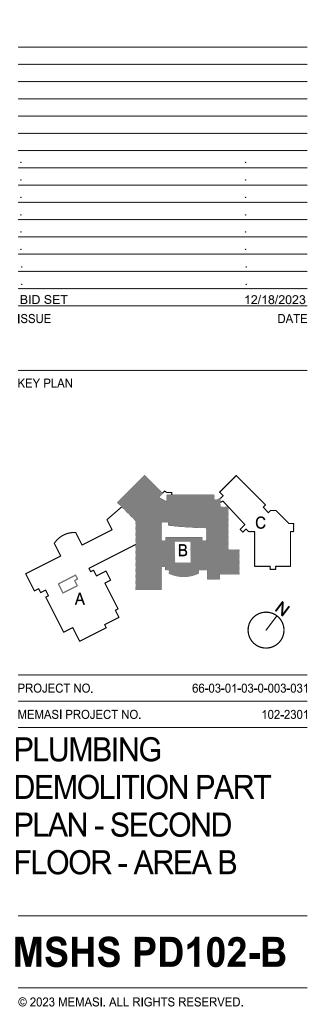


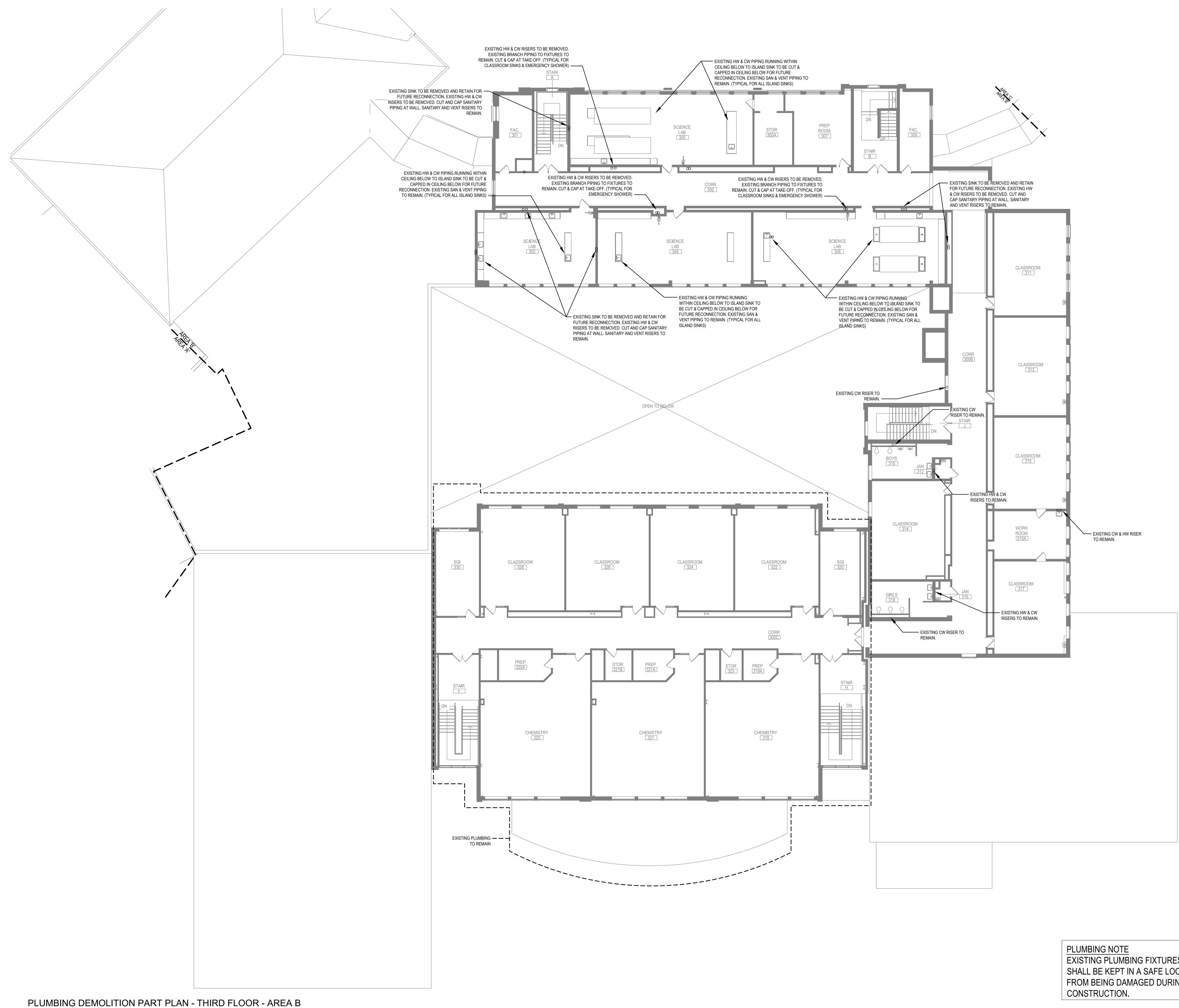
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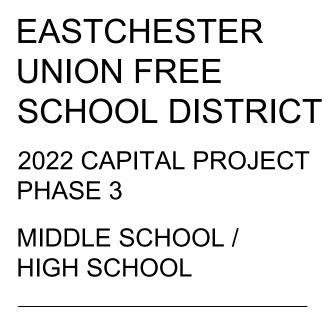
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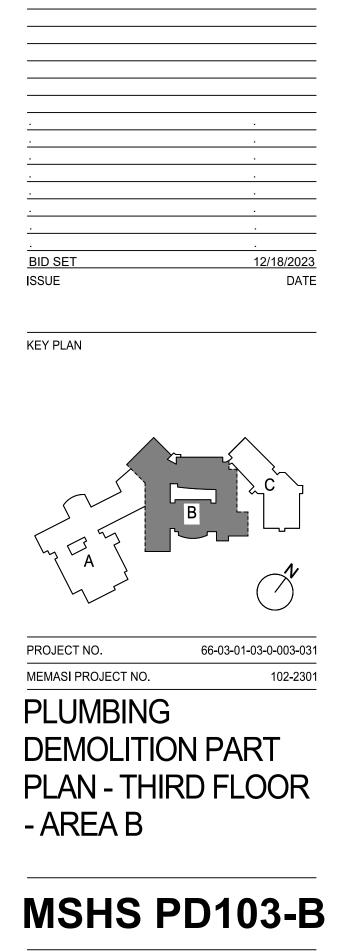
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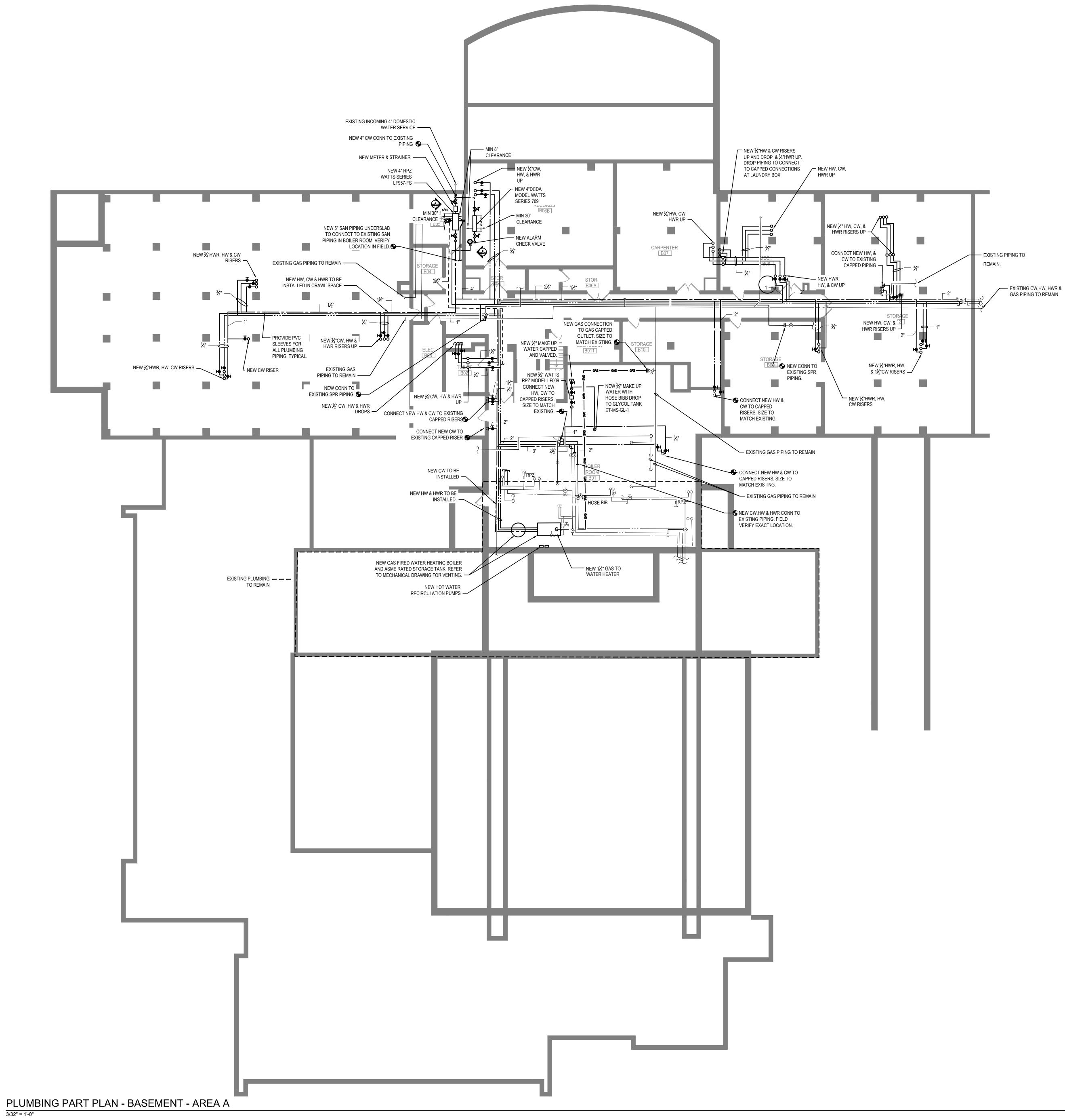
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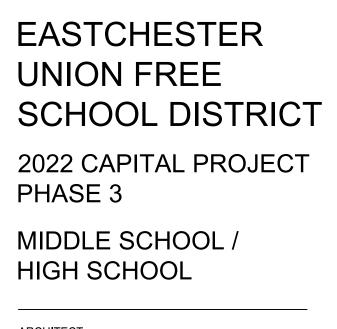
MECHANICAL/ELECTRICAL/PLUMBING CONSULTANT STANTEC 30 OAK STREET, SUITE 400 STAMFORD, CT 06905

HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014





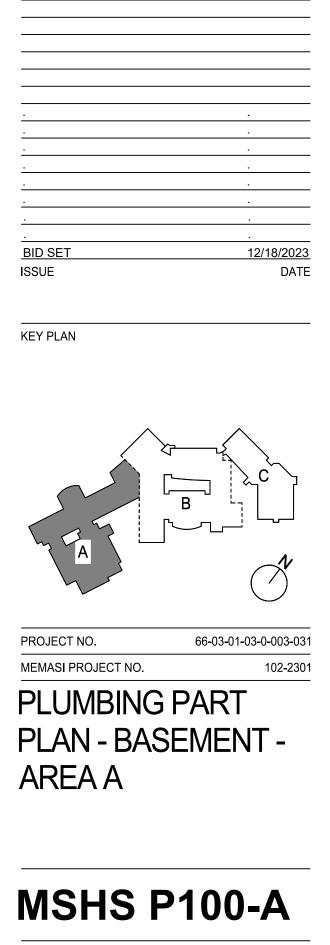
- GENERAL PLUMBING NOTES: 1. PLUMBING CONTRACTOR WILL RE-INSULATE ANY EXISTING DOMESTIC WATER ELBOWS AND PIPE RUNS WHICH WERE REMOVED BY THE ABATEMENT. SEE H-DRAWINGS FOR LOCATIONS AND SCOPE. ALL COSTS TO BE INCLUDED IN THE PLUMBING CONTRACTORS BASE BID.
- 2. PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH THE PLUMBING WORK. THIS INCLUDES: a. CUTTING TO GAIN ACCESS TO ROUGHING UNITS
- b. PATCHING TO MATCH WITH LIKE MATERIALS/COLORS ANY SURFACES IMPACTED c. PVC JACKET SHALL BE INSTALLED ON ANY EXPOSED PLUMBING PIPING.
- d. EXISTING CEILING REMOVAL/REPLACE WHERE NEEDED FOR PLUMBING WORK, EXCEPT IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTIVE CEILING PLANS..
- e. REMOVAL AND REINSTALLATION/REPLACEMENT OF EXISTING CASEWORK IN CLASSROOMS AND LABS.
- f. IN SOME LOCATION THERE ARE PLASTER CEILINGS WHICH REMAIN ABOVE THE ACOUSTIC TILE/GRID CEILING. PLUMBING CONTRACTOR WILL CUT ACCESS HOLES WHERE NECESSARY TO ENABLE INSTALL OF HANGERS AND PIPING TO
- STRUCTURE ABOVE. g. CONTRACTOR SHALL REPAIR AND REPAINT ALL WALLS IMPACTED BY PLUMBING WORK. CASEWORK SHALL BE REMOVED AND STORE IN A SAFE LOCATION TO PREVENT DAMAGE DURING CONSTRUCTION, THEN REINSTALL UPON COMPLETION OF CONSTRUCTION.



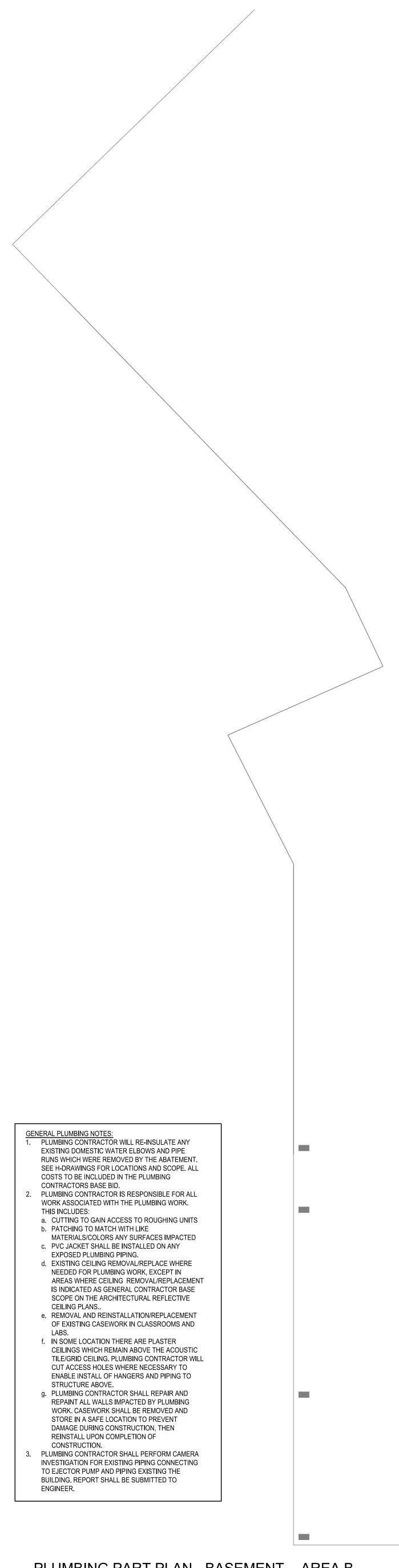
ARCHITECT  $M \equiv M \wedge S I$ 2 LYON PLACE

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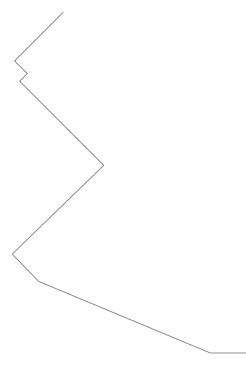
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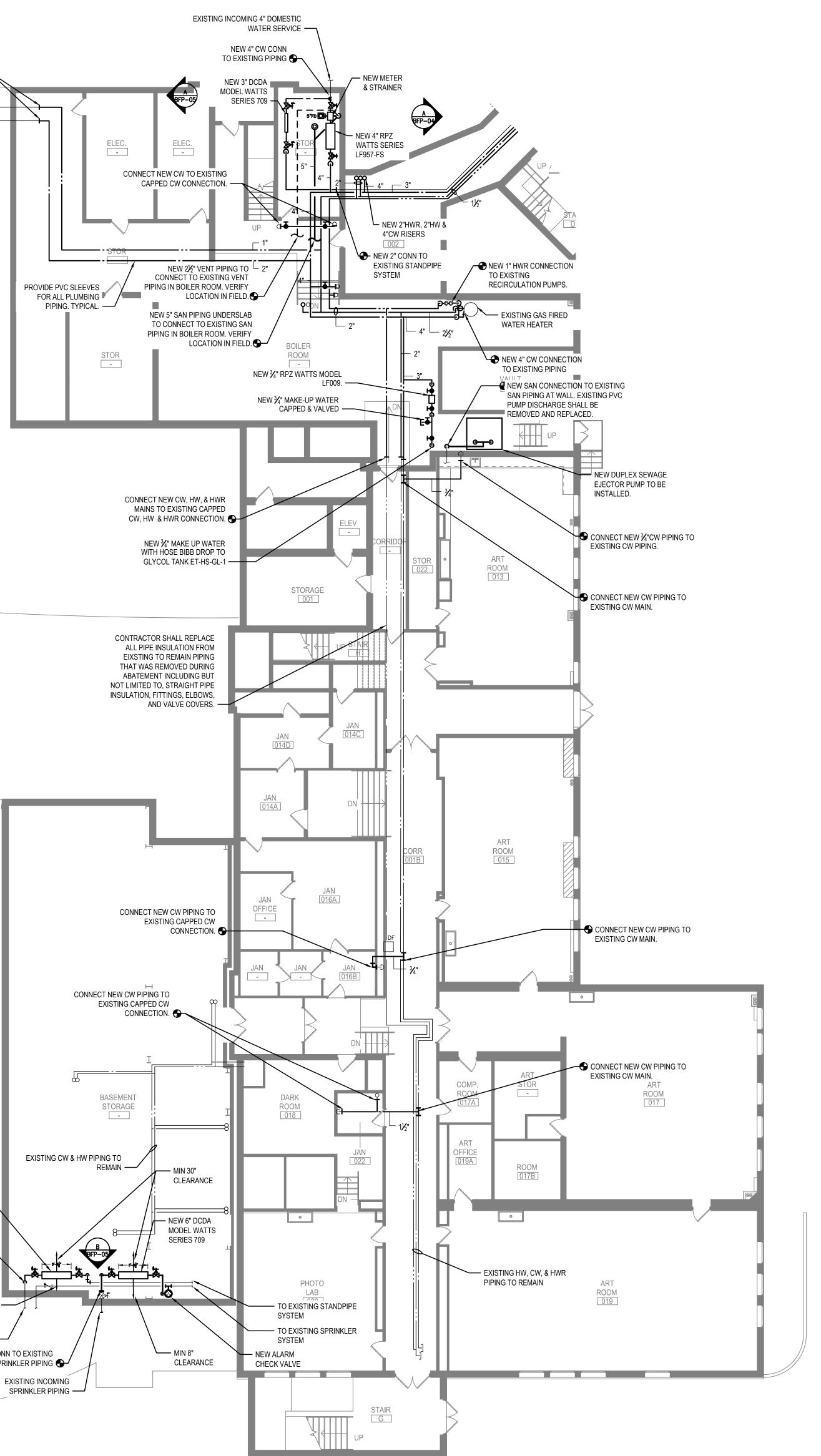
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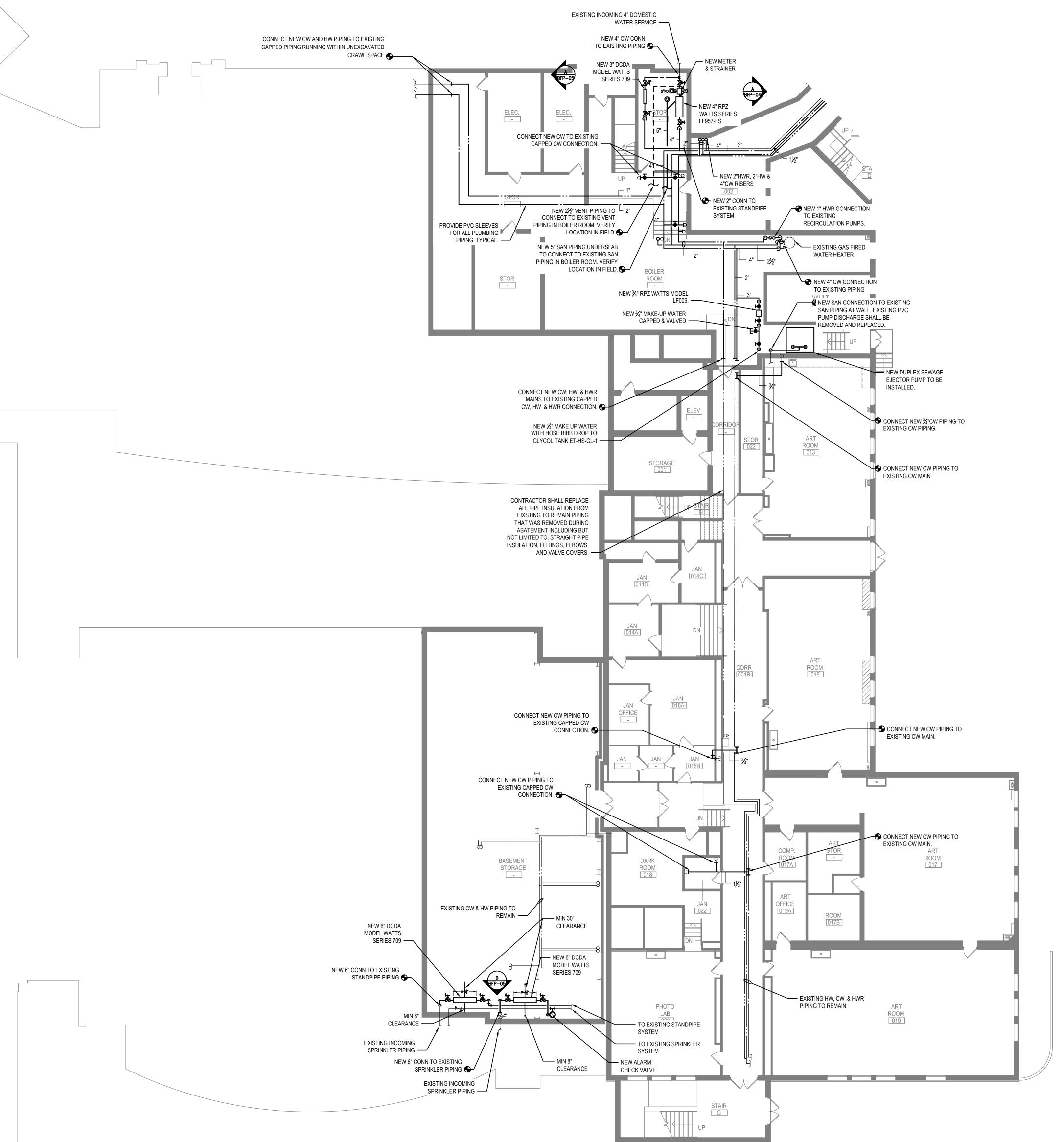


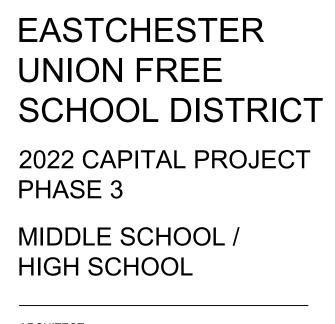
PLUMBING PART PLAN - BASEMENT - AREA B 3/32" = 1'-0"



## CONNECT NEW CW AND HW PIPING TO EXISTING CAPPED PIPING RUNNING WITHIN UNEXCAVATED CRAWL SPACE





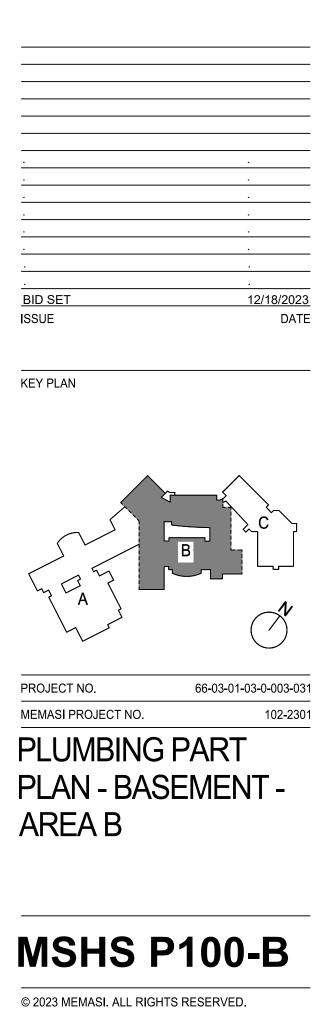


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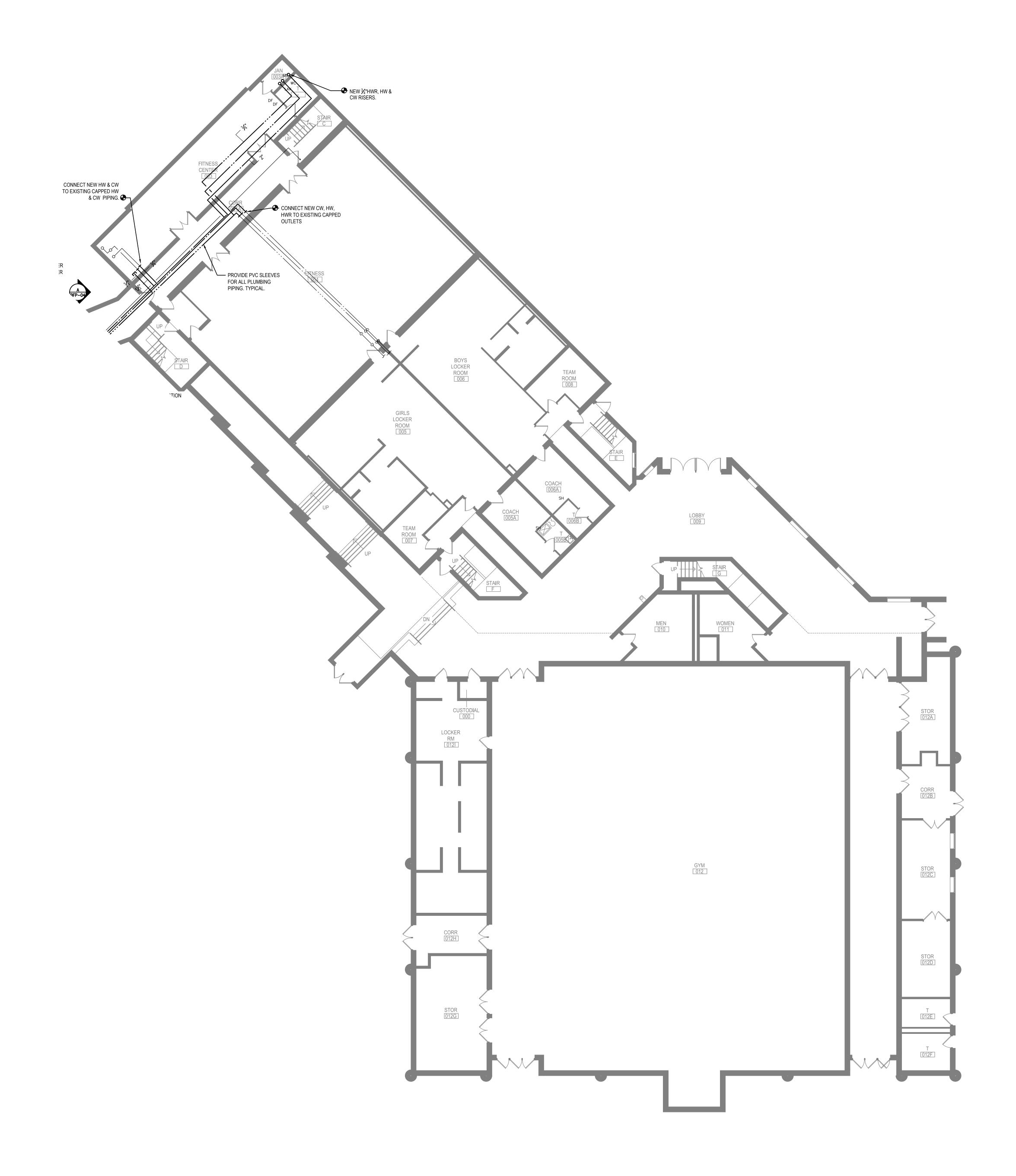
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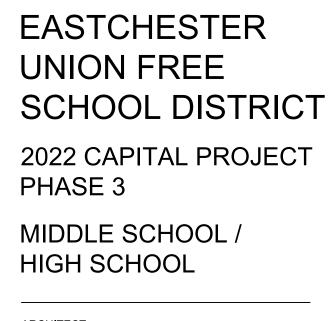


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# PLUMBING PART PLAN - BASEMENT - AREA C



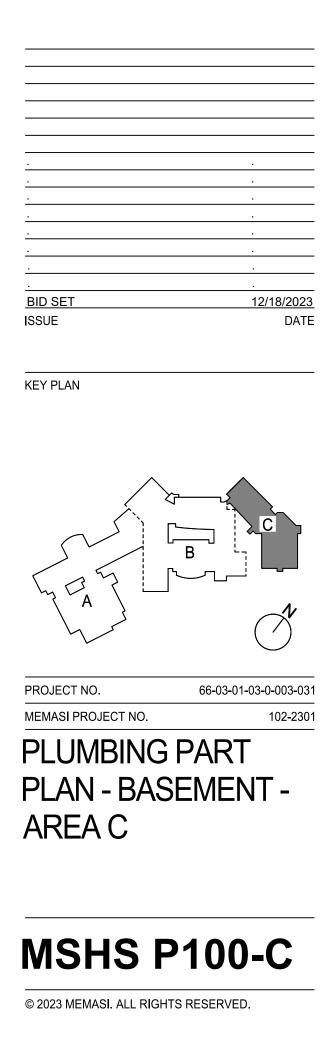


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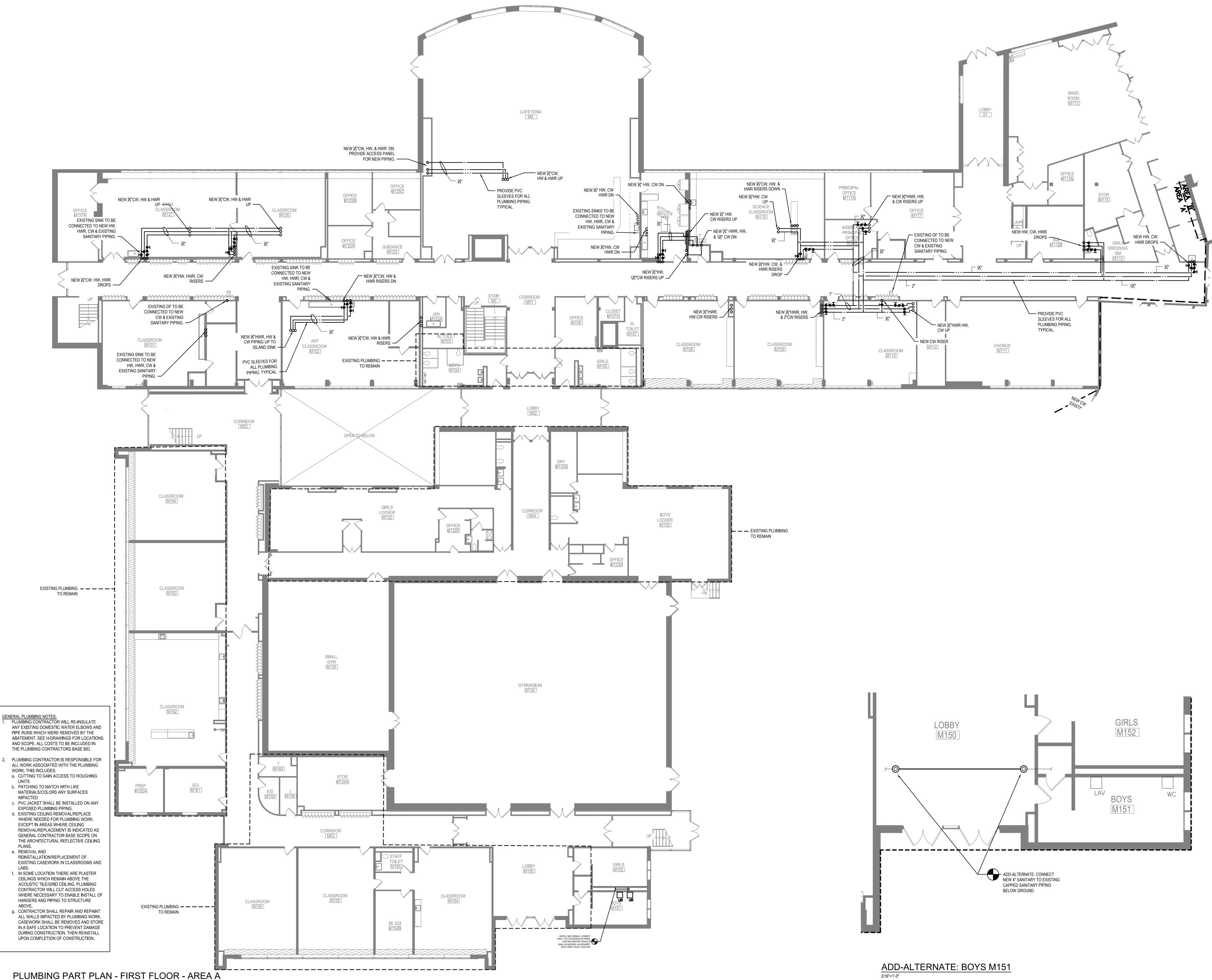
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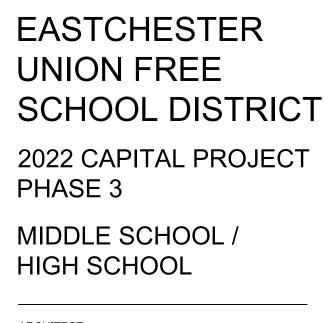
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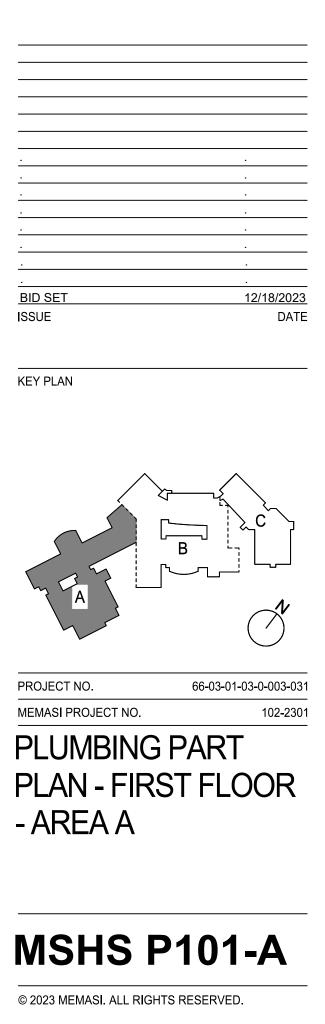


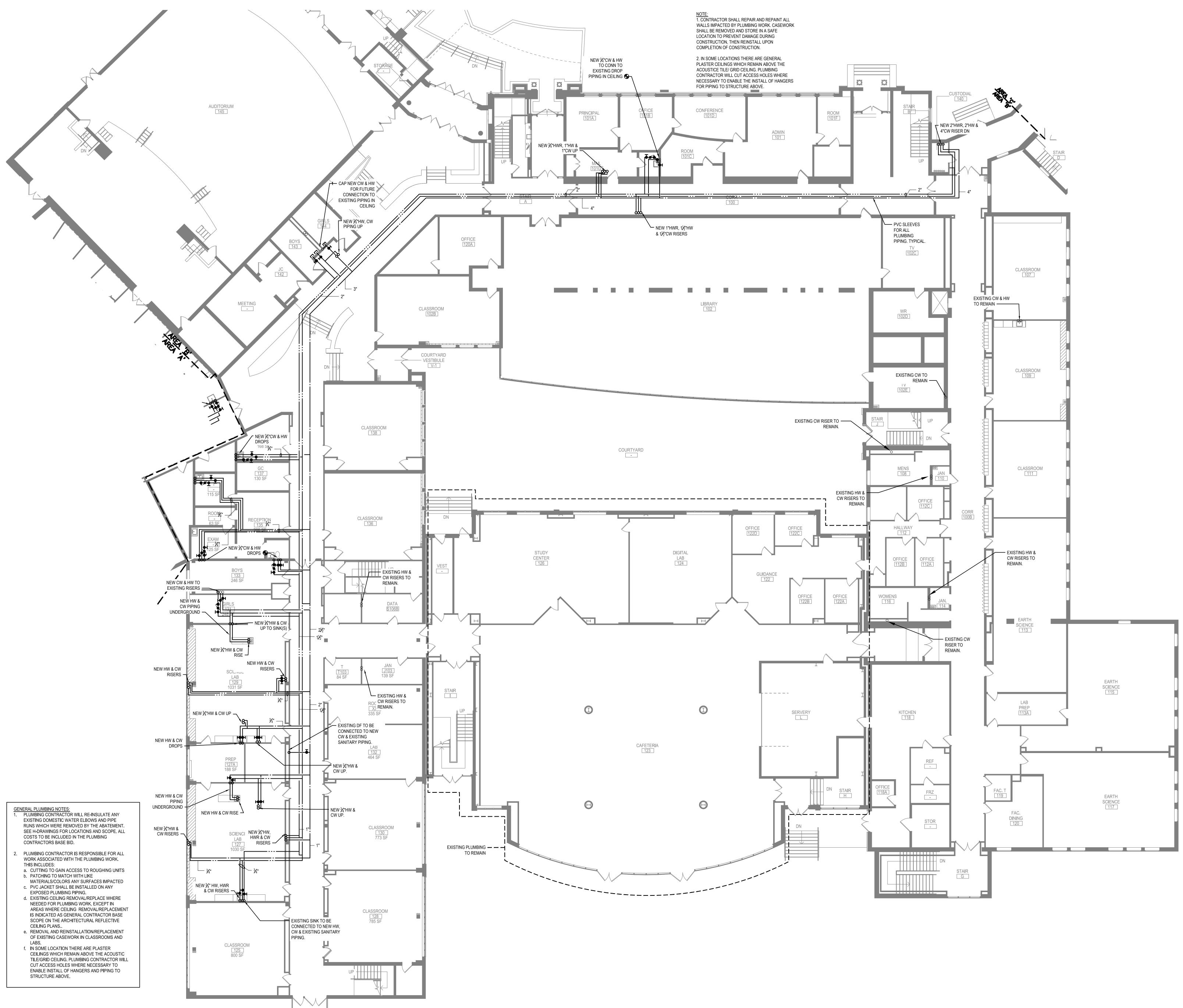
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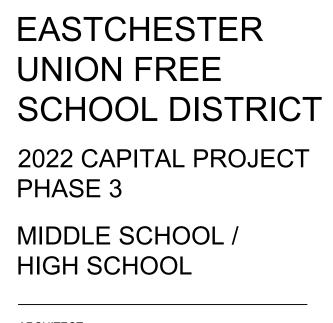
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PLUMBING PART PLAN - FIRST FLOOR - AREA B

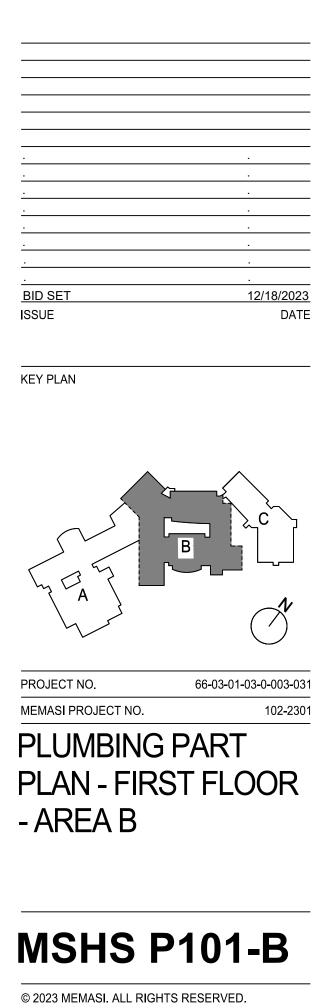


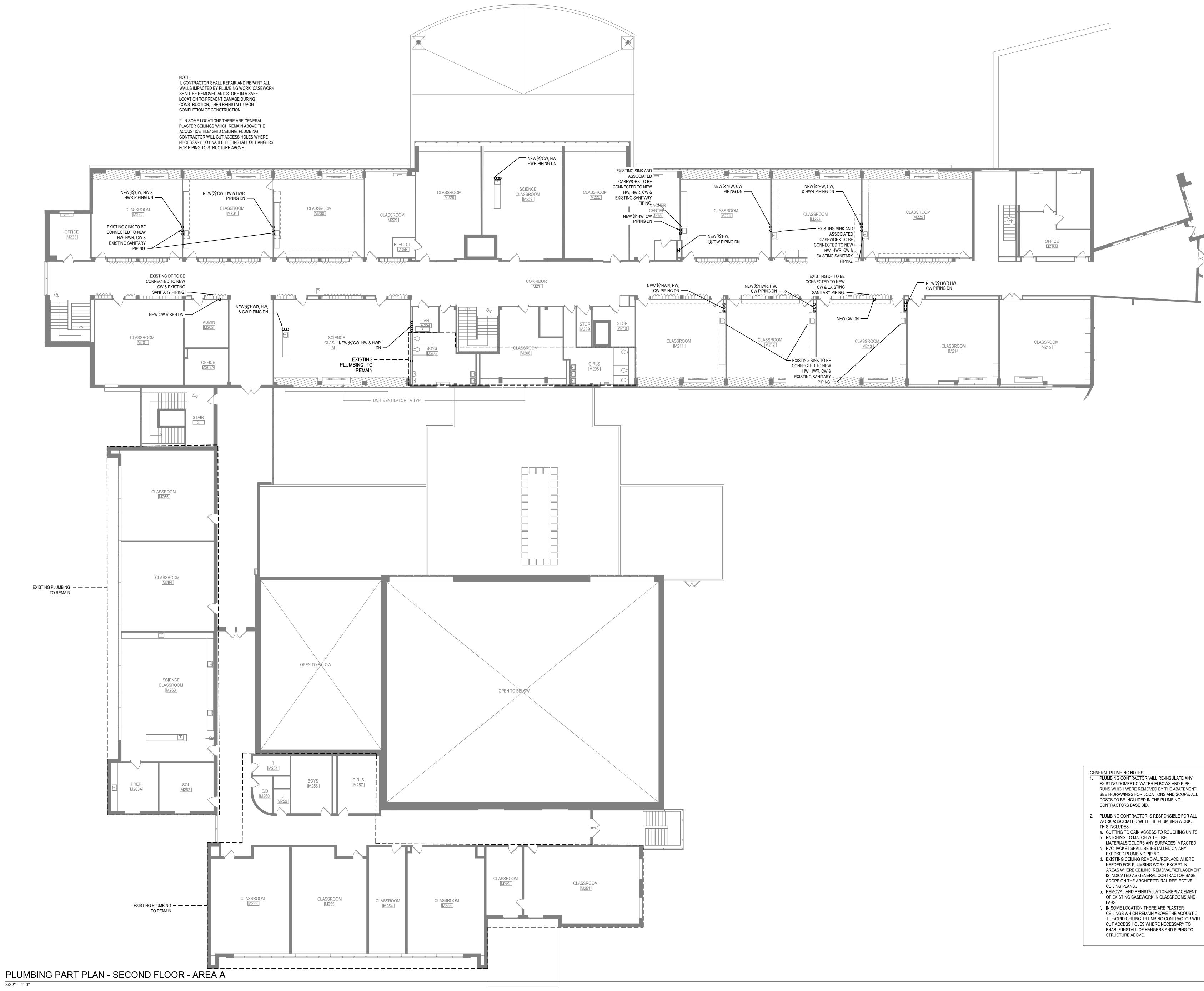
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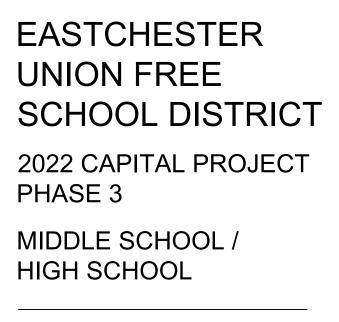
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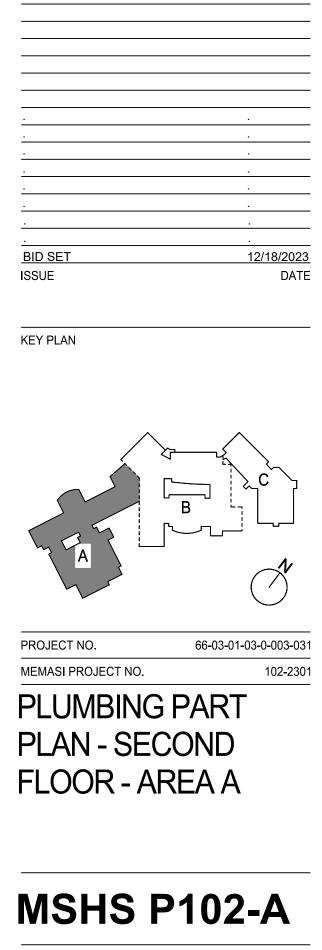
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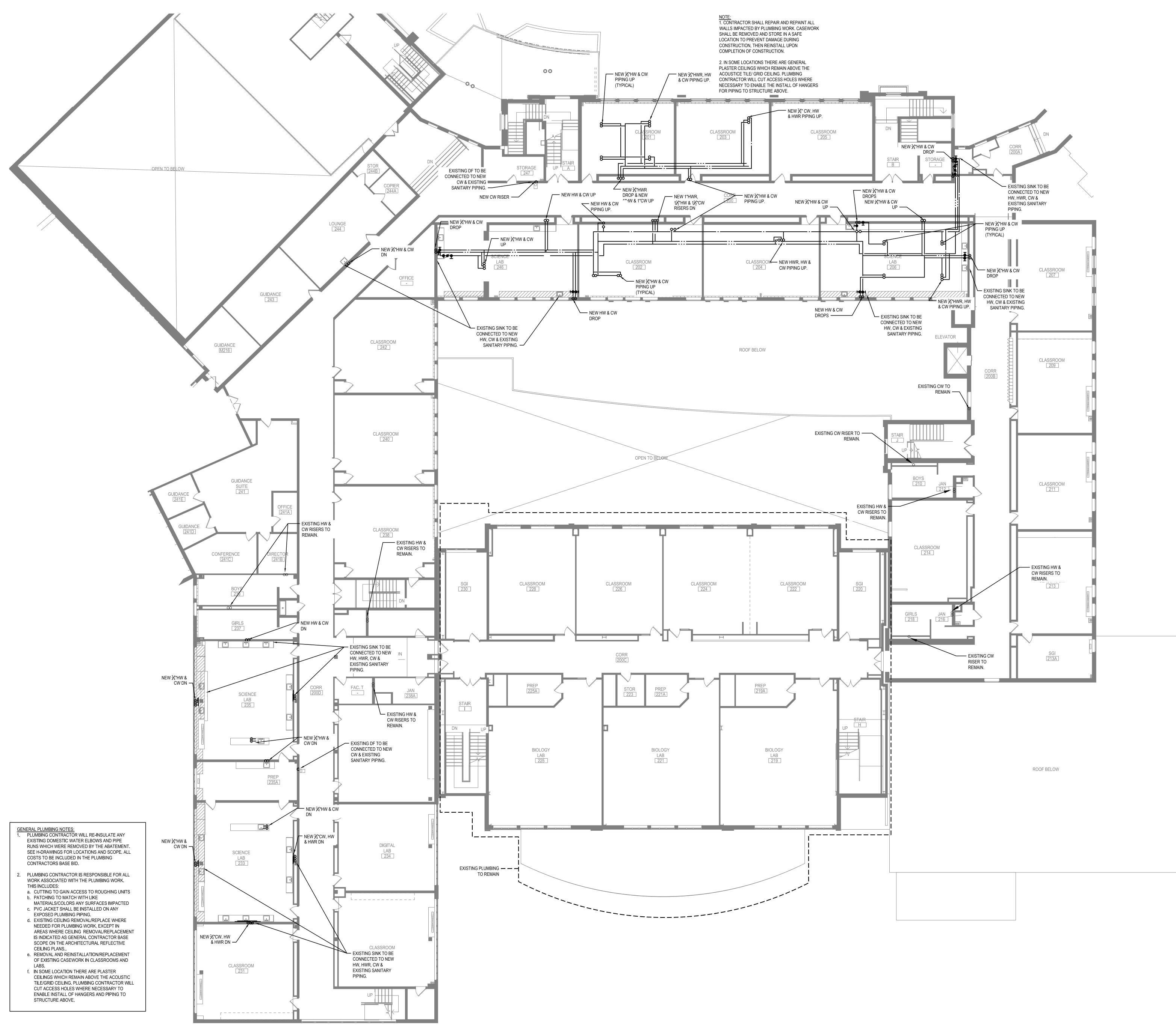
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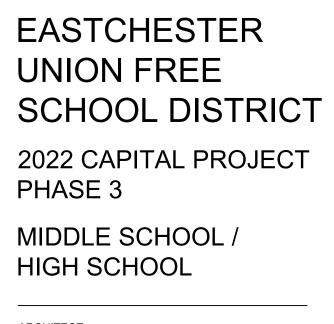
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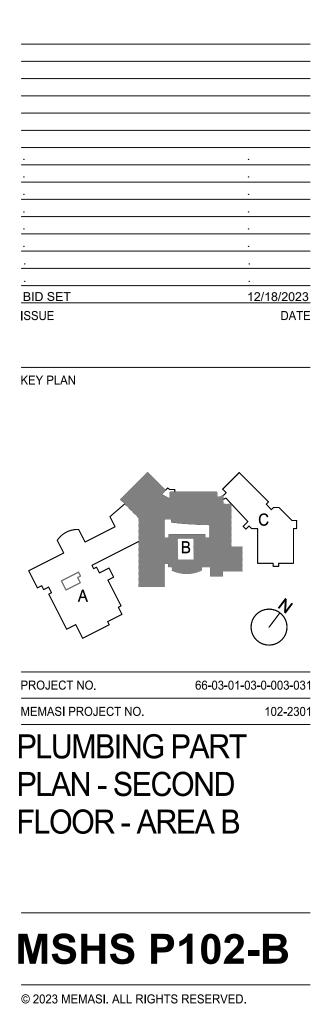
PLUMBING PART PLAN - SECOND FLOOR - AREA B

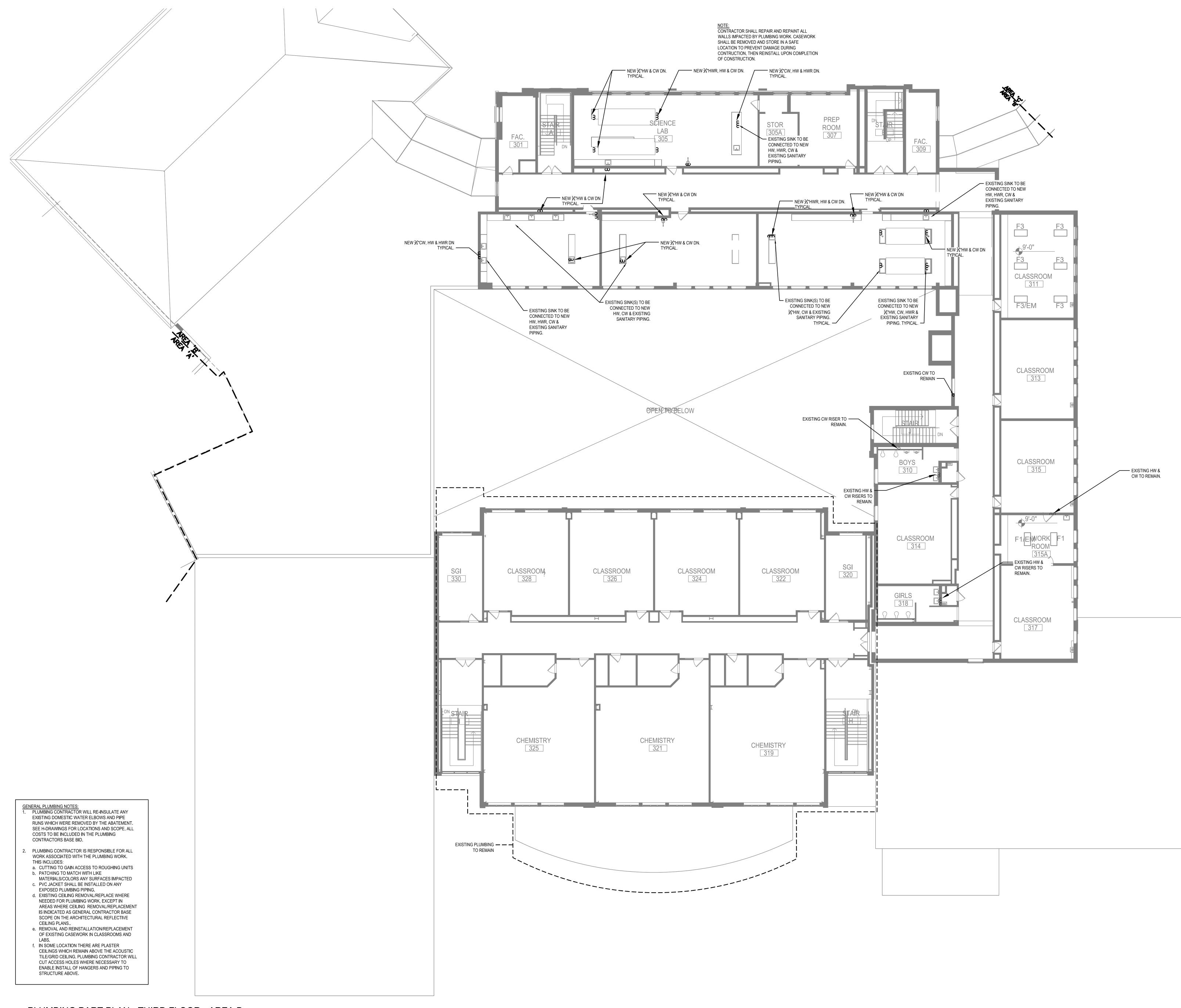


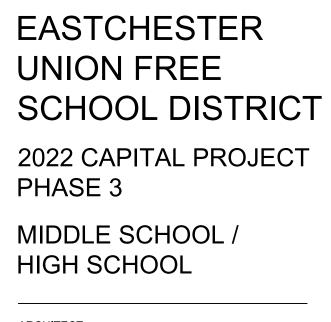
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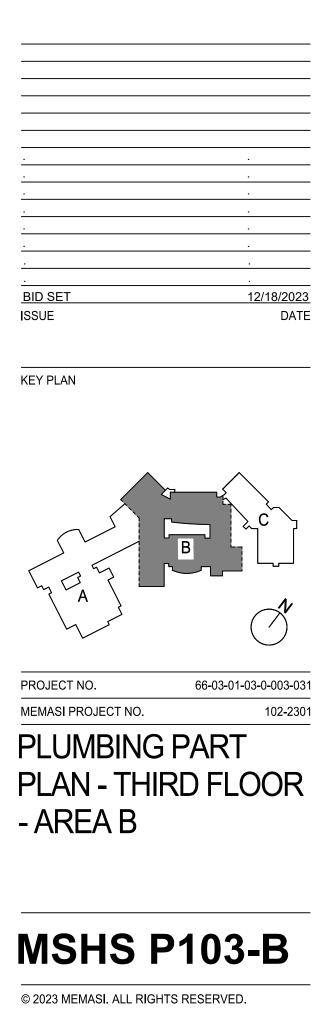


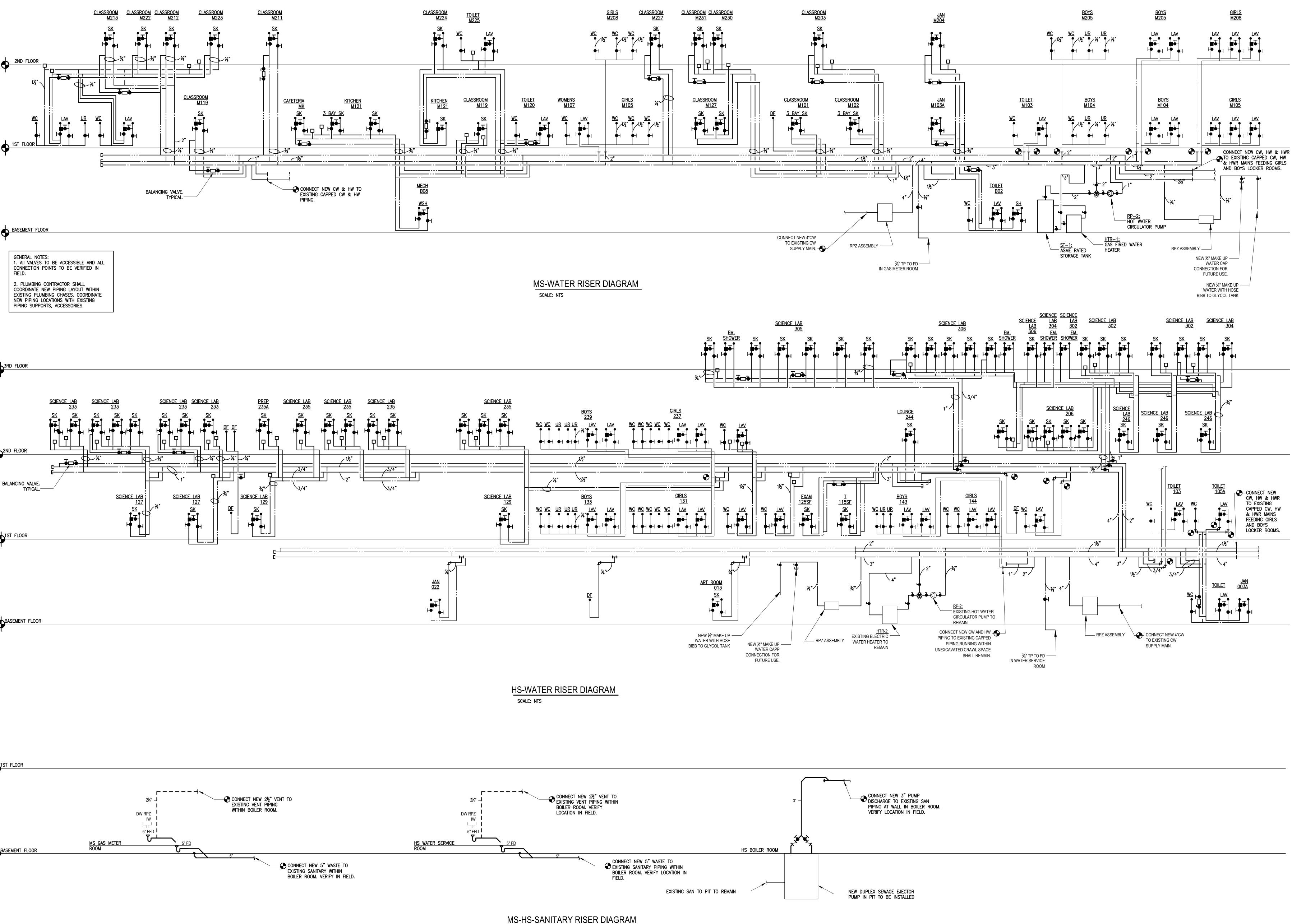


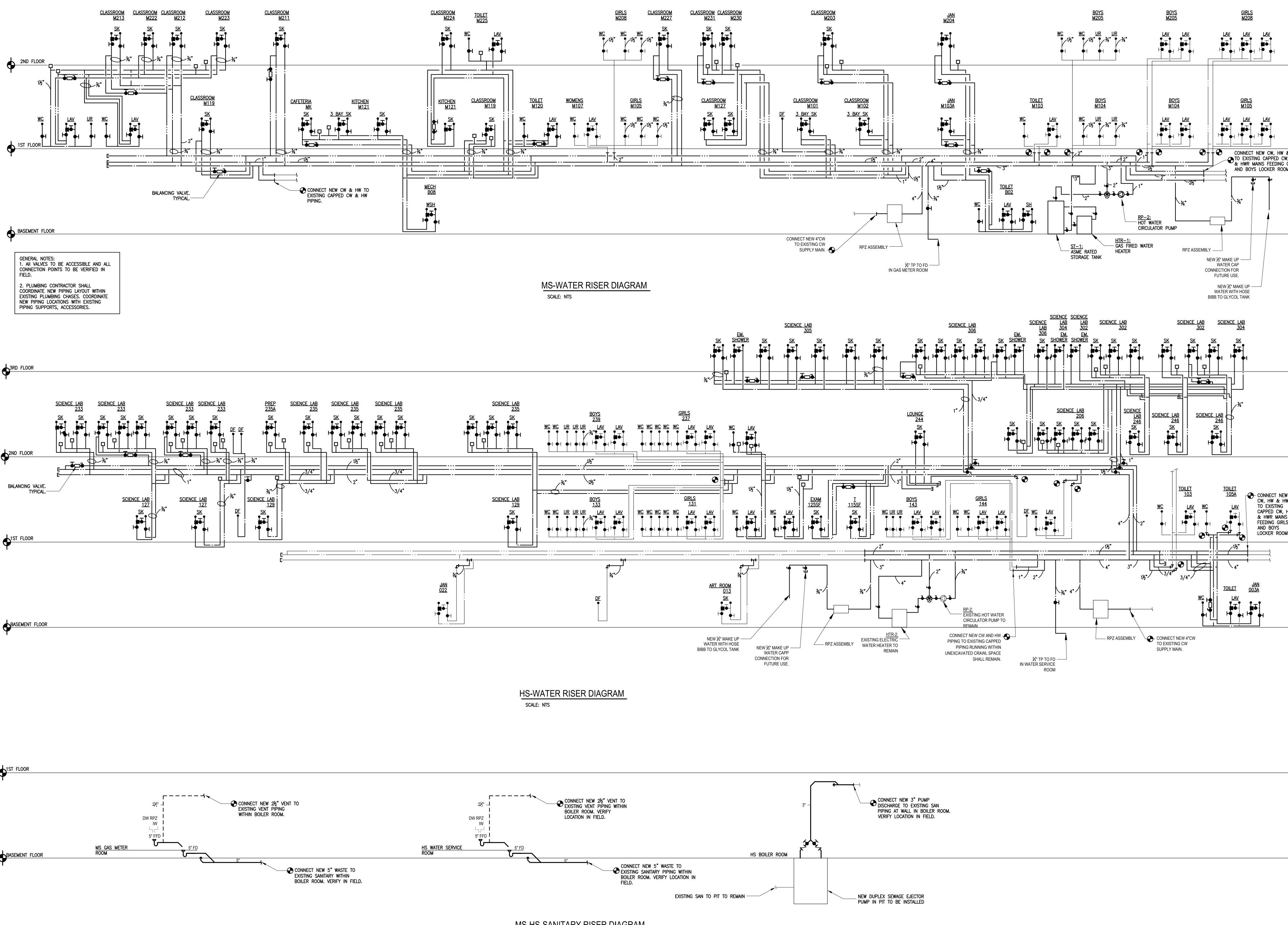
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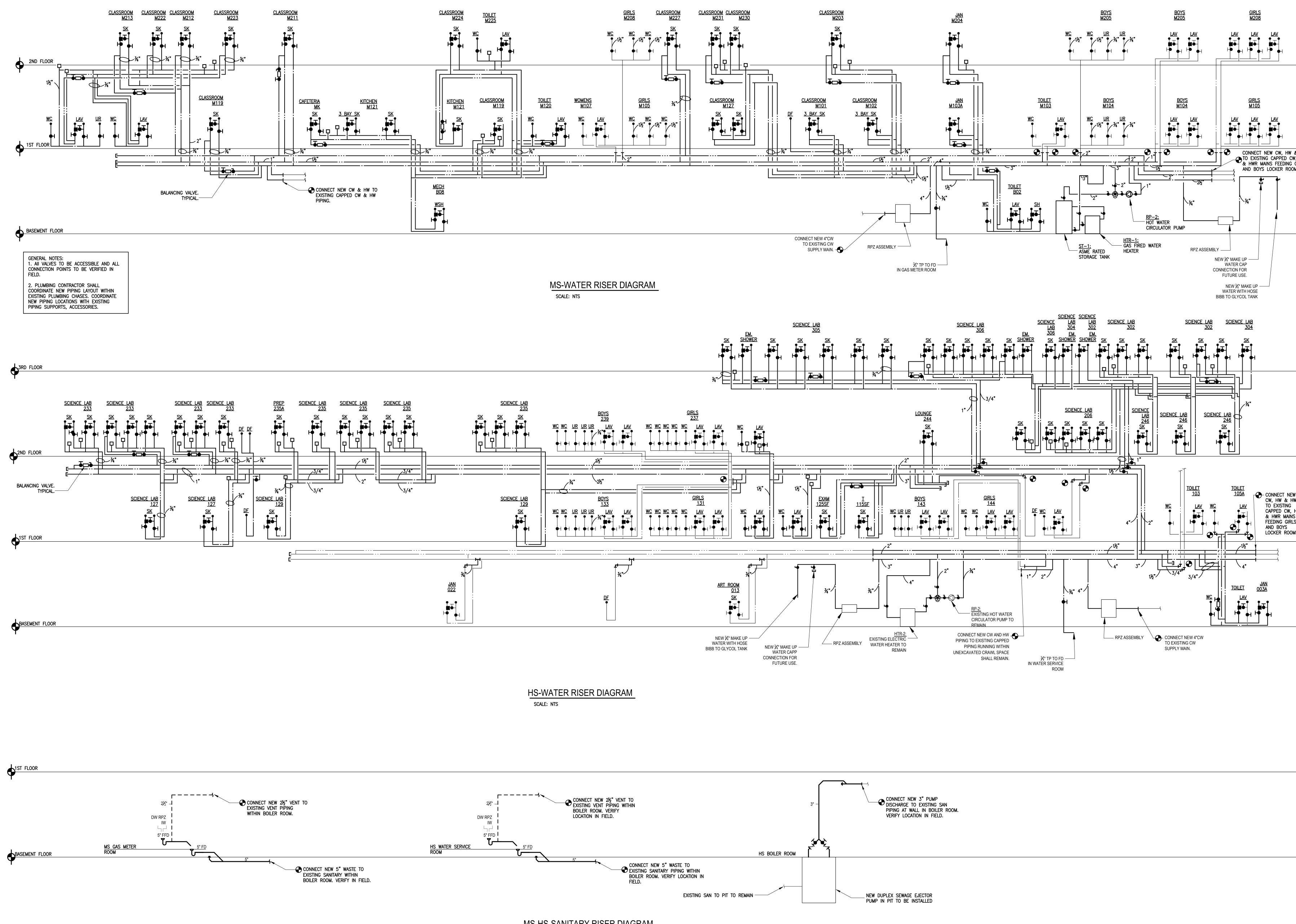
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SCALE: NTS

EASTCHESTER UNION FREE SCHOOL DISTRICT 2022 CAPITAL PROJECT PHASE 3 MIDDLE SCHOOL / HIGH SCHOOL

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HAZARDOUS MATERIALS CONSULTANT WSP ONE PENN PLAZA 250 W 34TH ST., 4TH FLOOR NEW YORK, NY 10014

12/18/2023 DATE BID SET KEY PLAN Y TA PROJECT NO. 66-03-01-03-0-003-031 MEMASI PROJECT NO. 102-2301 PLUMBING RISER DIAGRAM

**MSHS P501** 

	WATER HEATER SCHEDULE													
									GAS DATA					
DESIGNATION	QTY	MANUFACTURER	MODEL NUMBER	WATER STORAGE TEMPERATURE (°F)	WATER STORAGE CAPACITY (GAL)	RECOVERY RATE	TEMPERATURE RISE (°F)	THERMAL EFFICIENCY (%)	BTU/HOUR INPUT	LOCATION	COMMENTS			
HTR-1	1	LOCHINVAR	CFN402PM	-	-	-	100	85	399,000	MIDDLE SCHOOL BOILER ROOM	GAS FIRE WATER HEATER			
ST-1	1	AOSMITH	HDVJ*30-250A	145	257	-	-	_	-	MIDDLE SCHOOL BOILER ROOM	ASME RATED STORAGE TANK			

											С	RA	IN S	SCH	HED	DUL	E														
				1	DRAIN	N BOD	)Y SPI	ECIFIC	ATION										STR	AINER	SPE	CIFICA	ΓΙΟΝ				1			1	-
DESIGNATION	MANUFACTURER	MODEL NUMBER	BRONZE	CAST IRON	GALVANIZED	STAINLESS STEEL	CLAMPING DEVICE	SECONDARY CLAMP	SUMP RECEIVER	ACID RESISTANT COATING	TRAP PRIMER CONNECTION	BRONZE	CAST IRON	GALVANIZED	NICKEL BRONZE	STAINLESS STEEL	CHROME PLATED	POLISHED FINISH	SATIN FINISH	SECONDARY STRAINER	SEDIMENT BUCKET	LESS GRATE	HALF GRATE	FLUSH GRATE	TRACTOR GRATE	SQUARE TOP	FUNNEL TOP	DOME	EXTENSION	ADJUSTABLE	APPLICABLE AREAS
4"FD	JAY R. SMITH	2010		•						•	•				•						•		•							•	WATER SERVICE ROOMS

NOTES:

ALL FLOOR DRAINS IN FINISHED AREAS SHALL BE LOCATED AS PER THE ARCHITECTURAL DRAWINGS.
 ALL FLOOR DRAINS IN MECHANICAL EQUIPMENT ROOMS, BOILER ROOMS, FAN ROOMS ETC., SHALL BE LOCATED IN COORDINATION WITH THE MECHANICAL CONTRACTOR.

3. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED ROOFING AND/OR WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS. 4. THE TOP OF ALL FLOOR DRAINS SHALL BE FLUSH WITH THE ADJACENT FINISHED FLOOR. 5. PROVIDE MECHANICAL SEAL TRAP GUARDS ON ALL FLOOR DRAINS UNLESS OTHERWISE NOTED.

	PIPE, FITTING, AND JOINT MATERIAL SCHEDULE													
PIPING SYSTEM	PIPING LOCATION	PIPING SIZE	PIPING SPECIFICATION	FITTING SPECIFICATION	JOINT SPECIFICATION									
SANITARY/WASTE/ VENT/STORM	ABOVE GROUND	ALL	SERVICE WEIGHT HUBLESS CAST IRON	SERVICE WEIGHT HUBLESS CAST IRON	NEOPRENE RUBBER SEALING SLEEVE AND HEAVY DUTY STAINLESS STEEL CORRUGATED SHIELDS WITH A MINIMUM OF FOUR HEAVY DUTY BANDS									
INDIRECT WASTE	ABOVE GROUND	ALL	TYPE DWV COPPER TUBING	WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER									
COLD WATER/HOT WATER/ HOT WATER CIRCULATION	DISTRIBUTION	ALL	TYPE L HARD DRAWN COPPER TUBING	WROUGHT COPPER WITH SOLDER ENDS	95.5 TIN / 4.0 COPPER / 0.5 SILVER SOLDER									

	PUMP SCHEDULE														
	DECIONATION	SIMPLEX SYSTEM	DUPLEX SYSTEM	TRIPLEX SYSTEM	EMERGENCY POWER	CAPACITY (EA	-		ELECTRICAL	DATA (EAC				SPECIFICATION	
SERVICE	DESIGNATION			•		FLOW RATE	HEAD	HP	RPM	V	PH	HZ	MANUFACTURER	MODEL NUMBER	REMARKS
HOT WATER CIRCULATOR PUMP	RP-1	•				2 GPM	17 FT	1/6	1725	115	1	60	BELL & GOSSETT	SERIES PR	INSTALL TWO IN MIDDLE SCHOOL BOILER ROOM
SEWAGE EJECTOR PUMP	EJ-1		•			400 GPM	25 FT	7.4	1740	208	3	60	WILO	6101T	EXISTING PIT SHALL BE INCREASE TO 4'x4'x5' WITH AIR TIGHT COVER.
NOTES															

NOTES:

1. PLUMBING CONTRACTOR SHALL PERFORM CAMERA INVESTIGATION FOR EXISTING PIPING CONNECTING TO EJECTOR PUMP AND PIPING EXISTING THE BUILDING. REPORT SHALL BE SUBMITTED TO ENGINEER.

			PLU	JMBI	NG FI	XTUR	E SC	HEDU	LE	
	FIXTURE SPECIFICATION		S	ERVICE C	ONNECTIO	NS				
COMPONENT	MANUFACTURER	MODEL NUMBER	S	w	IW	v	CW	HW	G	ADDITIONAL COMMENTS
SINK	WATTS	ARLS-14-ADA								
FAUCET	CHICAGO	LCF2-A-A11		41011		41011	1211		121	<ul> <li>ADA COMPLIANT, CORROSION RESISTANT LABBRATORY UNDERMOUNT SINK.</li> <li>PROVIDE FAUCET DRAIN ASSEMBLY TAILPIECE, SUPPLUES, STOPS ESCUTCHEON</li> </ul>
P-TRAP	MCGUIRE MANUFACTURING	PW8912		11⁄2"	-	11⁄2"	1/2"	-	1/2"	COVER. – PROVIDE GAS/WATER COMBINATION FAUCET WITH VACUUM BREAKER AND 2.2 GPM
SUPPLY	MCGUIRE MANUFACTURING	H170–LK								AERATOR.
NOTES		1			1	1				

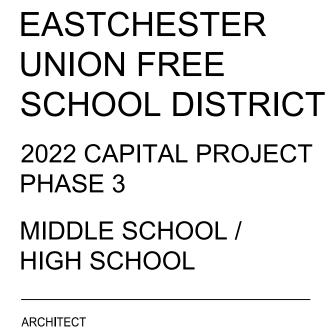
NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS, MOUNTING HEIGHTS, ELEVATIONS AND DETAILS.

2. INSTALL PRE-FORMED INSULATION COVER FOR ALL EXPOSED SUPPLY AND DRAINAGE PIPING SERVING ADA COMPLIANT SINKS MANUFACTURED BY TRUEBRO, PLUMBEREX, HANDYSHIELD.

3. PLUMBING FIXTURE SHALL HAVE CHROME PLATED BRASS SUPPLIES, STOPS, ESCUTCHEON COVERS, P-TRAP, GRID DRAIN, POP-UP DRAINS W/ PUSH ROD, OFFSET DRAIN, CONTINUOUS DRAINS CONNECTION, (IN LOCATIONS WHERE PIPING IS TO BE COVERED W/ INSULATION, BRASS FINISHES ONLY SHOULD ONLY BE SUBSTITUTED.)

4. SCIENCE LAB SINK FAUCETS SHALL HAVE VACUUM BREAKER & CHECK VALVES ON CW & GAS SUPPLIES EITHER INTEGRAL TO FAUCET OR PROVIDE ON CW & GAS PIPES FEEDING THE FAUCET.

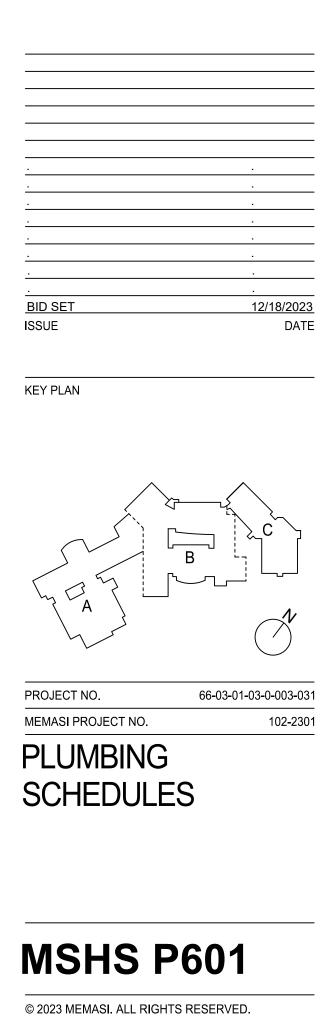


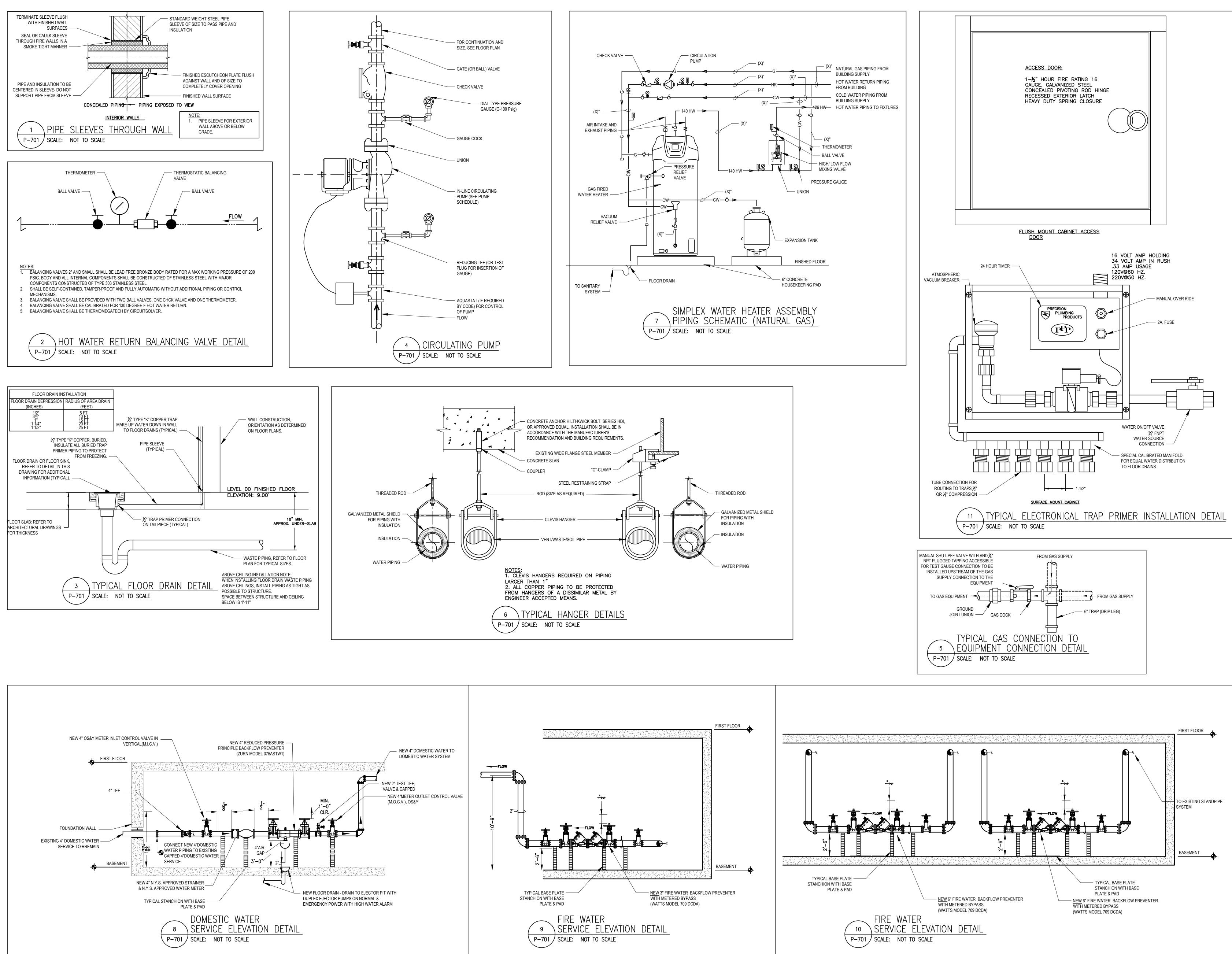
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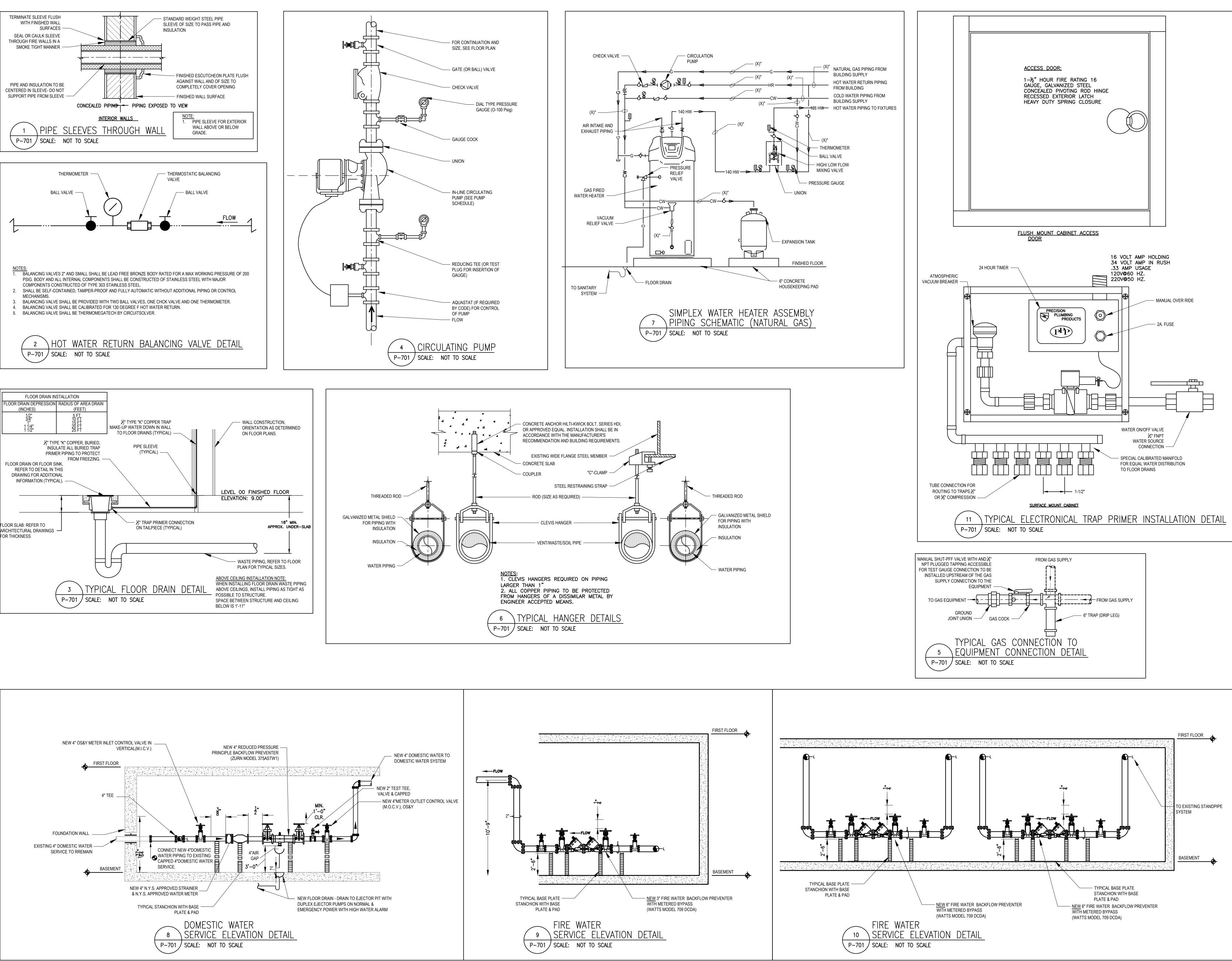
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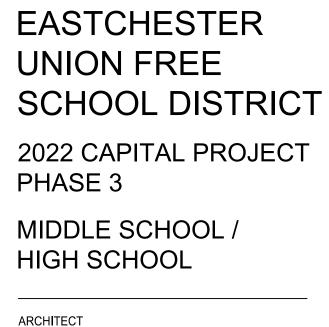
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