

EASTCHESTER
UNION FREE
SCHOOL DISTRICT

2022 CAPITAL PROJECT
PHASE 4

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HAZARDOUS MATERIALS CONSULTANT
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NEW YORK, NY 10014

NEW YORK STATE CODES & STANDARDS

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 FIRE CODE OF NEW YORK STATE
- 2020 PLUMBING CODE OF NEW YORK STATE
- 2020 MECHANICAL CODE OF NEW YORK STATE
- 2020 FUEL GAS CODE OF NEW YORK STATE
- 2020 NYS UNIFORM CODE SUPPLEMENT
- NYS EDUCATION DEPARTMENT 2022 MANUAL OF PLANNING STANDARDS

NEW YORK STATE ENERGY CODES

- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2016 ASHRAE 90.1

REFERENCED STANDARDS

APPLICABLE REFERENCE STANDARDS SHALL BE AS REFERENCED BY ALL STATE CODES, THE LIST BELOW IS FOR QUICK REFERENCE AND DOES NOT INCLUDE ALL APPLICABLE REFERENCE STANDARDS.

- 2016 NFPA 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

PLUMBING DRAWING LIST

Sheet Number	Sheet Title
AH P001	PLUMBING COVER SHEET
AH PD100	PLUMBING DEMOLITION PLAN - GROUND FLOOR
AH PD101	PLUMBING DEMOLITION PLAN - FIRST FLOOR
AH P100	PLUMBING PLAN - DOMESTIC WATER - GROUND FLOOR
AH P101	PLUMBING PLAN - DOMESTIC WATER - FIRST FLOOR
AH P200	PLUMBING PLAN - SANITARY AND VENT - GROUND FLOOR
AH P201	PLUMBING PLAN - SANITARY AND VENT - FIRST FLOOR
AH P500	PLUMBING RISER DIAGRAM
AH P600	PLUMBING DETAILS

PIPE, FITTING, AND JOINT MATERIAL SCHEDULE

PIPING SYSTEM	PIPING LOCATION	PIPING SIZE	PIPING SPECIFICATION	FITTING SPECIFICATION	JOINT SPECIFICATION
SANITARY/WASTE/ VENT	ABOVE GROUND	ALL	NO HUB CAST IRON	NO HUB CAST IRON	NEOPRENE RUBBER SEALING SLEEVE AND HEAVY DUTY STAINLESS STEEL CORRUGATED SHIELDS WITH A MINIMUM OF FOUR HEAVY DUTY BANDS
	BELOW GROUND	ALL	SERVICE WEIGHT HUB & SPIGOT CAST IRON	SERVICE WEIGHT HUB & SPIGOT CAST IRON	HIGH QUALITY NEOPRENE RUBBER COMPRESSION GASKET
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

FIXTURE SCHEDULE

DESIGNATION	FIXTURE SPECIFICATION			SERVICE CONNECTIONS						ADDITIONAL COMMENTS
	COMPONENT	MANUFACTURER	MODEL NUMBER	S	W	IW	V	CW	HW	
WC	WATER CLOSET	KOHLER	K-4325-0	4"	-	-	2"	1-1/2"	-	- ADA COMPLIANT, WALL HUNG, ELONGATED BOWL, HIGH EFFICIENCY FLUSH VALVE TOILET. - PROVIDE 1.28 GPF HARDWIRED FLUSH VALVE. - PROVIDE OPEN FRONT SOFT CLOSE SEAT LESS COVER. - PROVIDE CHAIR CARRIER SUPPORT.
	FLUSH VALVE	SLOAN	111-1.28 SFSM							
	SEAT	KOHLER	K-4731-GC-0							
	CARRIER	JAY R. SMITH	210 SERIES							
UR	URINAL	KOHLER	K-4904-ET	2"	-	-	1-1/2"	3/4"	-	- ADA COMPLIANT, WALL HUNG, ELONGATED BOWL, HIGH EFFICIENCY FLUSH VALVE TOILET. - PROVIDE 0.125 GPF HARDWIRED FLUSH VALVE. - PROVIDE FLOOR MOUNTED URINAL SUPPORT.
	FLUSH VALVE	SLOAN	186-0.125 SFSM							
	CARRIER	JAY R. SMITH	637 SERIES							
LAV	LAVATORY (WALL MOUNT)	KOHLER	KINGSTON K-2007	-	1-1/2"	-	1-1/2"	1/2"	1/2"	- ADA COMPLIANT, WALL HUNG, RECTANGULAR LAVATORY & BASIN. - PROVIDE CHROME PLATED BRASS LAVATORY GRID DRAIN ASSEMBLY FOR ALL TOILET ROOM LOCATION. PROVIDE OFFSET TRAP. - 0.35 GPM SENSOR TYPE HARDWIRED FAUCET. - 4" FAUCET HOLD CTRS - PROVIDE THERMOSTATIC MIXING VALVE BELOW SINK SET AT 100 DEG F. - TRUEBRO LAVGUARD2 INSULATION KIT - PROVIDE LAVATORY SUPPORT
	FAUCET	SLOAN	EAF300							
	DRAIN	MCGUIRE MANUFACTURING	PW155WC							
	P-TRAP	MCGUIRE MANUFACTURING	PW212S							
SK	SUPPLY	MCGUIRE MANUFACTURING	H170-LK	-	1-1/2"	-	1-1/2"	1/2"	1/2"	- ADA COMPLIANT, STAINLESS STEEL DROP IN SINK. COORDINATE SIZE AND DEPTH WITH ARCHITECT - PROVIDE FAUCET DRAIN ASSEMBLY TAILPIECE, SUPPLIES, STOPS - ESCUTCHEON COVER. PROVIDE BASKET STRAINER, DRAIN BOWL ASSEMBLY. FOR USE WITH ELKAY MODEL LKAD35. - PROVIDE THERMOSTATIC MIXING VALVE BELOW SINK SET AT 100 DEG F. - TRUEBRO LAVGUARD2 INSULATION KIT
	SINK (CLASSROOM)	ELKAY	LUSTERTONE SERIES							
	FAUCET	CHICAGO	895-317-E2805-SABCP							
	DRAIN	MCGUIRE MANUFACTURING	PW155WC							
DF	P-TRAP	MCGUIRE MANUFACTURING	PW212S	-	1-1/2"	-	1-1/2"	1/2"	-	- ADA COMPLIANT, WALL HUNG, REFRIGERATED WATER COOLER WITH BOTTLE FILLER - PROVIDE FILTER
	SUPPLY	MCGUIRE MANUFACTURING	H170-LK							
	SINK (CLASSROOM)	AMERICAN STANDARD	LAKEWELL CAST IRON SINK							
	FAUCET	AMERICAN STANDARD	TWO LEVER HANDLE WALL MOUNT							

NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR STANDARD AND ADA FIXTURE LOCATIONS, MOUNTING HEIGHTS, ELEVATIONS AND DETAILS.
2. INSTALL PRE-FORMED INSULATION COVER FOR ALL EXPOSED SUPPLY AND DRAINAGE PIPING SERVING ADA COMPLIANT LAVATORIES AND SINKS MANUFACTURED BY TRUEBRO, PLUMBEREX, HANDSHIELD.
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, SHOWER/TUB DRAIN & TAILPIECE ASSEMBLIES SHALL BE CHROME PLATED BRASS, (IN LOCATIONS WHERE PIPING IS TO BE COVERED W/ INSULATION, BRASS FINISHES ONLY SHOULD ONLY BE SUBSTITUTED.)
4. GRID STRAINER/BASKET STRAINER & TAILPIECE SHALL BE STAINLESS STEEL WHERE SERVING STAINLESS STEEL FIXTURES
5. STUDENT ACCESSIBLE SINKS SHALL BE ASSE COMPLIANT, MIXING VALVES SHALL BE SET AT NO GREATER THAN 100 DEG F.
6. WATER CLOSET/TOILET SEATS SHALL BE OF SMOOTH NON ABSORBENT MATERIAL: ALL SEATS TO BE HINGED OPEN FRONT TYPE W/ STAINLESS STEEL HINGE & HARDWARE. (COORDINATE SEAT COLOR WITH ARCHITECT)
7. PROVIDE FIXTURES WITH COMPATIBLE CARRIER AND/OR FACTORY FURNISHED WALL HANGER/SUPPORT BRACKET ASSEMBLY UNLESS OTHERWISE INDICATED.
8. PLUMBING FIXTURES (VITREOUS CHINA & SOLID SURFACE) SHALL BE WHITE IN COLOR UNLESS OTHERWISE INDICATED.

GENERAL NOTES

1. ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
2. 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 LINES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
3. DO NOT SCALE FROM THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
5. DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
6. THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.
7. ANY DISCREPANCIES OR INADEQUACIES WITHIN BID 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 BID SUBMISSION.
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.
9. THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.
10. THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.
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.
12. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
13. THE CONTRACTOR SHALL SUBMIT, PRIOR TO ANY FABRICATION OR INSTALLATION, ALL NECESSARY DRAWINGS, EQUIPMENT/MATERIAL, PRODUCT DATA, DOCUMENTATION, AND CALCULATIONS REQUIRED TO COMPLETE THE WORK OUTLINED IN THE CONTRACT DOCUMENTS.
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.
15. ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
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 WITH THE ARCHITECT PRIOR TO INSTALLATION.
17. WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE PROVIDED WITH REMOTE READING.
18. THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
19. THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING REQUIREMENTS WITH OTHER TRADES.
20. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. THE CONTRACTOR SHALL PROVIDE INSULATION ON ALL HORIZONTAL STORM WATER PIPING.
21. ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
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.
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 PRIMERS.
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.
25. SUDS PRESSURE ZONE REQUIREMENTS SHALL BE MET 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.
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. PLUMBING CONTRACTOR SHALL PATCH AND PAINT (TO MATCH EXISTING) ANY SURFACES/WALLS IMPACTED BY PLUMBING WORK.
30. UPON COMPLETION, EXISTING SYSTEM SHALL BE IN WORKING ORDER.
31. 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.
32. PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL WORK ASSOCIATED WITH THE PLUMBING WORK THIS INCLUDES:
 - a. CUTTING TO GAIN ACCESS TO ROUGHING UNITS.
 - b. PVC JACKET SHALL BE INSTALLED ON ANY EXPOSED PLUMBING PIPING.
 - c. 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.

DEMOLITION NOTES

1. 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.
2. THE CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL EXISTING PLUMBING WORK WHICH INTERFERES WITH THE NEW ARCHITECTURAL LAYOUTS. ALL SYSTEMS WHICH ARE NO LONGER REQUIRED TO FUNCTION SHALL BE REMOVED BACK TO ACTIVE LINES.
3. THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE TO FUNCTIONING PLUMBING SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
4. DEMOLITION AND REMOVAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER. THE CONTRACTOR SHALL PATCH, REPAIR OR OTHERWISE RESTORE ANY DAMAGED INTERIOR OR EXTERIOR BUILDING SURFACE TO ITS ORIGINAL CONDITION.
5. THE CONTRACTOR SHALL REMOVE ALL PIPING SUPPORTS, ETC. FROM PARTITIONS THAT ARE TO BE REMOVED WHERE THE REMOVAL OF THESE ITEMS DISRUPTS EXISTING PIPING THAT IS TO REMAIN, THE CONTRACTOR SHALL INSTALL AND PROVIDE BYPASS CONNECTIONS AS NECESSARY.
6. PORTIONS OF MAINS TO BE REMOVED OR ABANDONED AS A RESULT OF DEMOLITION WORK, BUT WHICH ARE REQUIRED TO REMAIN ACTIVE, SHALL BE CUT AT CONVENIENT LOCATIONS, REROUTED AND RECONNECTED.
7. THE CONTRACTOR SHALL NOTIFY THE BUILDING OWNER AT THE APPROPRIATE TIME OF THE PROJECTED DEMOLITION AND PHASING SCHEDULE SO THAT REMOVAL OR RELOCATION OF AFFECTED UTILITIES MAY BE CARRIED OUT IN COORDINATION WITH THE PROJECT REQUIREMENTS.
8. ALL EXISTING MATERIAL AND EQUIPMENT IN USABLE CONDITION, WHICH IS TO BE REMOVED UNDER THIS CONTRACT, SHALL REMAIN THE PROPERTY OF THE OWNER OR SHALL BE DISPOSED OF BY THE PLUMBING CONTRACTOR, AS DIRECTED BY THE OWNER.
9. THE SHUTDOWN OF EXISTING BUILDING PLUMBING SERVICES SHALL BE COORDINATED WITH THE BUILDING OWNER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.

OPENING / SLEEVE SCHEDULE

INSULATED DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING		
PIPE DIAMETER	WALL / FLOOR SLEEVE DIAMETER	BEAM OPENING DIAMETER
1/2" & 3/4"	3"	4"
1"	4"	4 1/2"
1 1/4"	4"	5"
1 1/2"	4"	5"
2" & 2 1/2"	5"	6"
3"	6"	6 1/2"
4"	8"	7 1/2"
5"	8"	8 1/2"
6"	10"	9 1/2"
UNINSULATED SANITARY, WASTE, VENT, STORM, AND GAS PIPING		
PIPE DIAMETER	WALL / FLOOR SLEEVE DIAMETER	BEAM OPENING DIAMETER
1 1/4"	3"	3"
2"	4"	3 1/2"
2 1/4"	4"	4"
3"	5"	4 1/2"
4"	6"	5 1/2"
5"	8"	6 1/2"
6"	8"	7 1/2"
8"	10"	9 1/2"
10"	12"	11 1/2"
12"	15"	13 1/2"
15"	18"	16 1/2"

DRAIN SCHEDULE

DESIGNATION	MANUFACTURER	MODEL NUMBER	DRAIN BODY SPECIFICATION								STRAINER SPECIFICATION															APPLICABLE AREAS				
			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 GRADE	HALF GRADE	FLUSH GRADE	TRACTOR GRADE		SQUARE TOP	FUNNEL TOP	DOME	EXTENSION
FD	JAY R. SMITH	2010	●	●					●	●				●					●	●	●								●	RESTROOMS
FD	JAY R. SMITH	2010	●	●					●					●					●										●	CRAWL SPACE, QUAD CLOSE TRAP SEAL 2692

NOTES:

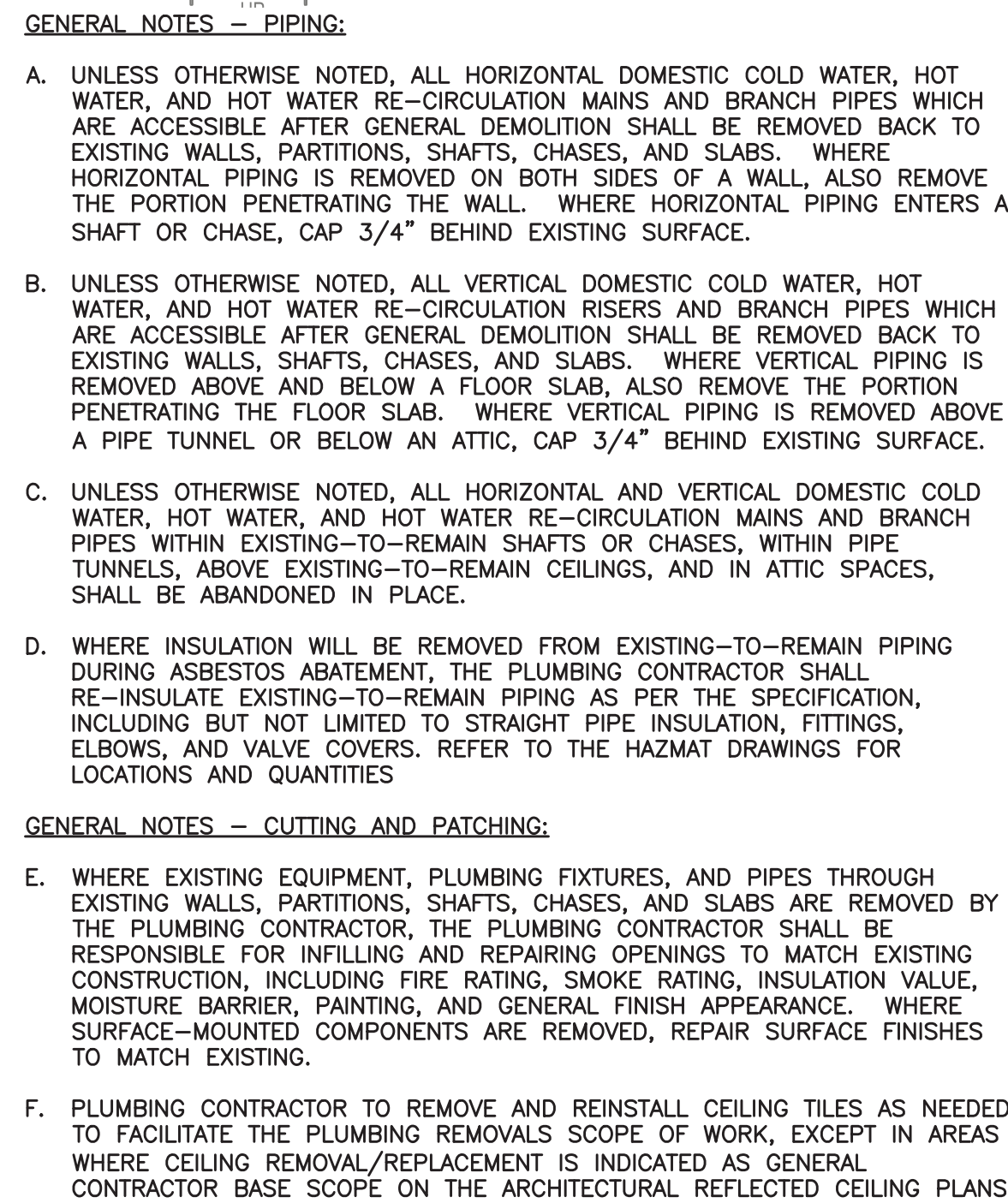
1. ALL FLOOR DRAINS IN FINISHED AREAS SHALL BE LOCATED AS PER THE ARCHITECTURAL DRAWINGS.
2. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS.
3. THE TOP OF ALL FLOOR DRAINS SHALL BE FLUSH WITH THE ADJACENT FINISHED FLOOR.
4. PROVIDE MECHANICAL BARRIER TYPE SEAL TRAP GUARDS ON ALL FLOOR DRAINS UNLESS OTHERWISE NOTED.

PROJECT NO. 66-03-01-03-0-001-024
MEMASI PROJECT NO. 102-2301

PLUMBING COVER
SHEET

AH P001

HAZARDOUS MATERIALS CONSULTANT
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PART PLAN - GROUND FLOOR - AREA 'A'

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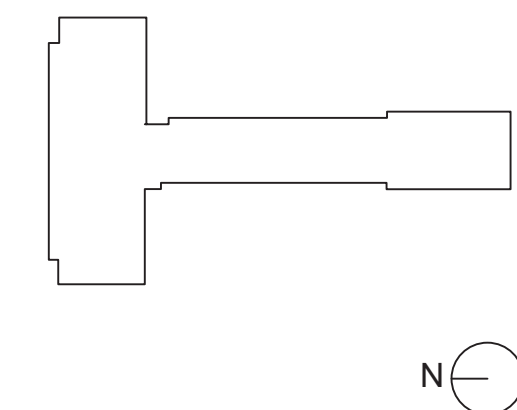
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KEY PLAN



PROJECT NO.	66-03-01-03-0-001-024
MEMASI PROJECT NO.	102-2301

PLUMBING DEMOLITION PLAN - FIRST FLOOR

AH PD101

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PART PLAN - FIRST FLOOR - AREA 'A'

$$\overline{3/32'' = 1'-0''}$$

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PHASE 4

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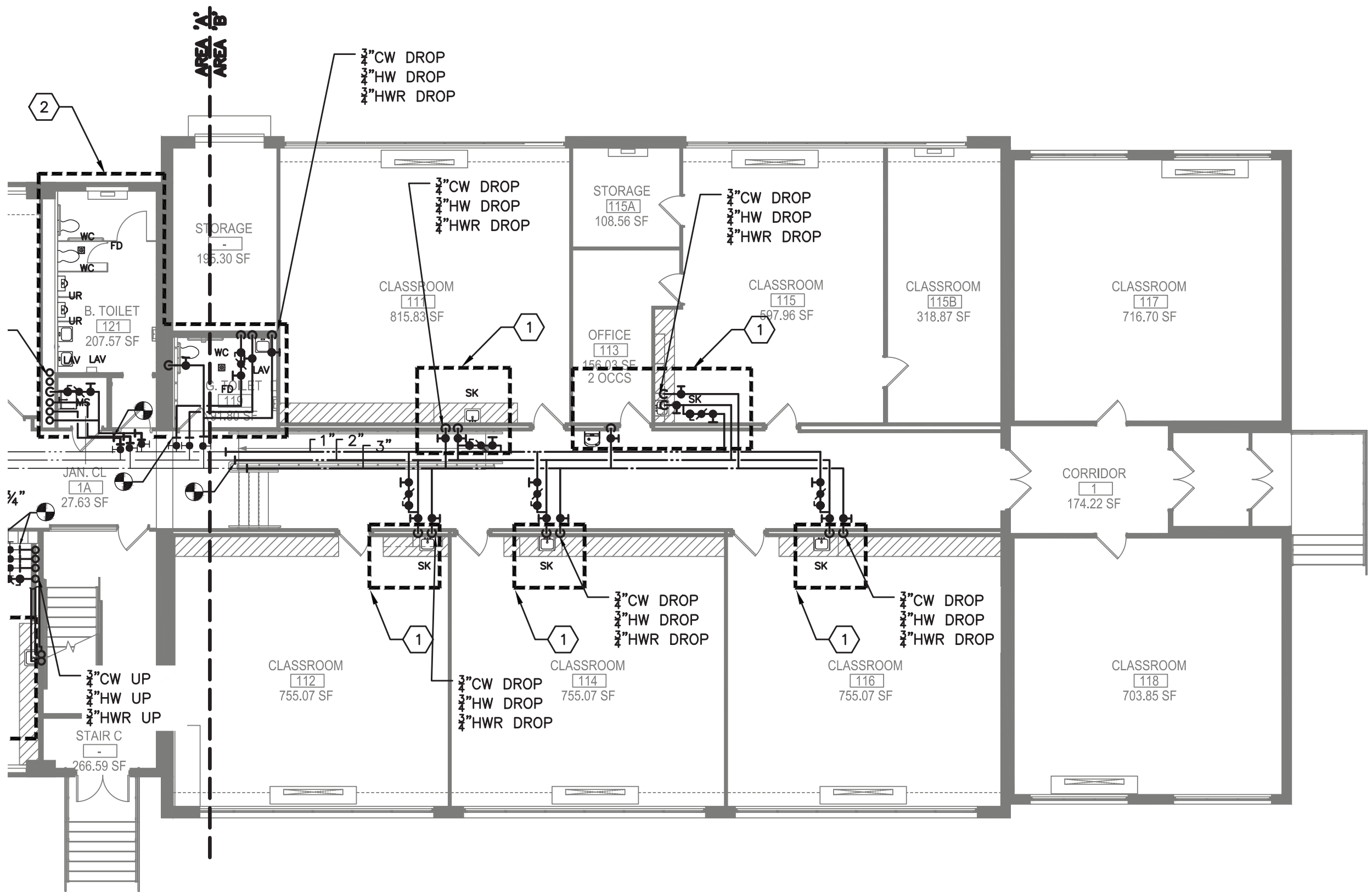
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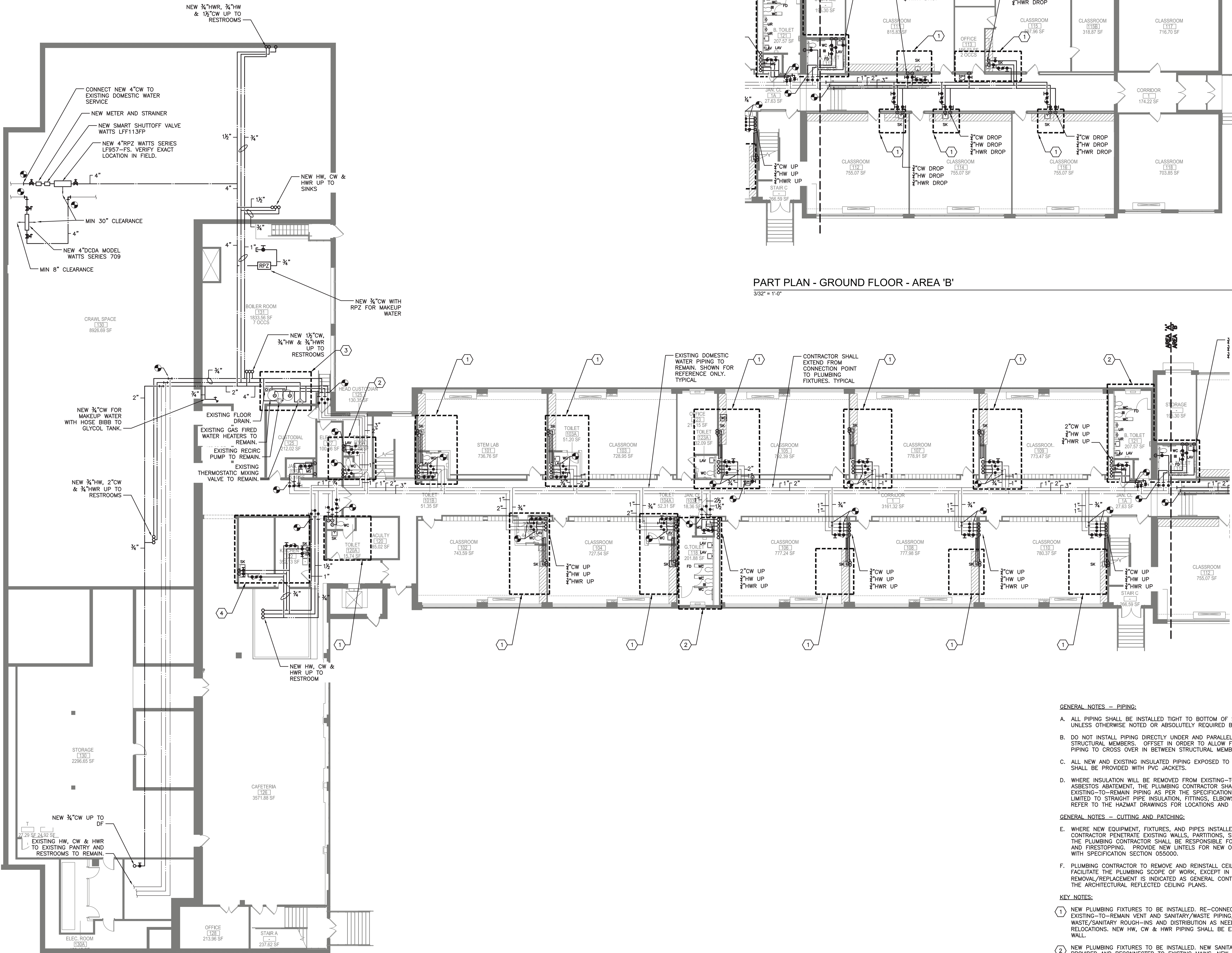
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NEW YORK, NY 10014



PART PLAN - GROUND FLOOR - AREA 'B'

3/32" = 1'-0"



GENERAL NOTES - PIPING:

- ALL PIPING SHALL BE INSTALLED TIGHT TO BOTTOM OF STRUCTURAL MEMBERS UNLESS OTHERWISE NOTED OR ABSOLUTELY REQUIRED BY FIELD CONDITIONS.
- DO NOT INSTALL PIPING DIRECTLY UNDER AND PARALLEL TO THE WEB OF STRUCTURAL MEMBERS. OFFSET IN ORDER TO ALLOW FUTURE DUCTWORK AND PIPING TO CROSS OVER IN BETWEEN STRUCTURAL MEMBERS.
- ALL NEW AND EXISTING INSULATED PIPING EXPOSED TO VIEW IN FINISHED SPACES SHALL BE PROVIDED WITH PVC JACKETS.
- WHERE INSULATION WILL BE REMOVED FROM EXISTING-TO-REMAIN PIPING DURING ASBESTOS ABATEMENT, THE PLUMBING CONTRACTOR SHALL RE-INSULATE EXISTING-TO-REMAIN PIPING AS PER THE SPECIFICATION, INCLUDING BUT NOT LIMITED TO STRAIGHT PIPE INSULATION, FITTINGS, ELBOWS, AND VALVE COVERS. REFER TO THE HAZMAT DRAWINGS FOR LOCATIONS AND QUANTITIES

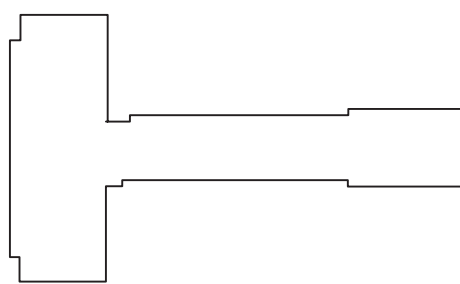
GENERAL NOTES - CUTTING AND PATCHING:

- WHERE NEW EQUIPMENT, FIXTURES, AND PIPES INSTALLED BY THE PLUMBING CONTRACTOR PENETRATE EXISTING WALLS, PARTITIONS, SHAFTS, CHASES, AND SLABS, THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING NEW OPENINGS AND FIRESTOPPING. PROVIDE NEW LINTELS FOR NEW OPENINGS IN ACCORDANCE WITH SPECIFICATION SECTION 055000.
- PLUMBING CONTRACTOR TO REMOVE AND REINSTALL CEILING TILES AS NEEDED TO FACILITATE THE PLUMBING SCOPE OF WORK, EXCEPT IN AREAS WHERE CEILING REMOVAL/REPLACEMENT IS INDICATED AS GENERAL CONTRACTOR BASE SCOPE ON THE ARCHITECTURAL REFLECTED CEILING PLANS.

KEY NOTES:

- NEW PLUMBING FIXTURES TO BE INSTALLED. RE-CONNECT NEW FIXTURES TO EXISTING-TO-REMAIN VENT AND SANITARY/WASTE PIPING, AND MODIFY VENT AND WASTE/SANITARY ROUGH-INS AND DISTRIBUTION AS NEEDED FOR FIXTURE RELOCATIONS. NEW HW, CW & HWR PIPING SHALL BE EXTENDED TO FIXTURE WITHIN WALL.
- NEW PLUMBING FIXTURES TO BE INSTALLED. NEW SANITARY AND VENT PIPING TO BE PROVIDED AND RECONNECTED TO EXISTING MAINS. NEW HW, CW & HWR PIPING SHALL BE EXTENDED TO FIXTURES WITHIN WALL.
- EXISTING GAS-FIRED DOMESTIC HOT WATER HEATERS, HOT WATER CIRCULATION PUMP AND ASSOCIATED MIXING VALVES SHALL NOT BE MODIFIED UNDER THIS PROJECT.
- EXISTING PLUMBING FIXTURES TO BE CONNECTED TO EXISTING-TO-REMAIN VENT AND SANITARY/WASTE ROUGH-INS. MODIFY VENT AND WASTE/SANITARY ROUGH-INS AS REQUIRED. NEW HW, CW & HWR PIPING SHALL BE EXTENDED TO FIXTURE WITHIN WALL.

KEY PLAN



N

PROJECT NO. 06-03-01-03-0-001-024
MEMASI PROJECT NO. 102-2301

PLUMBING PLAN -
DOMESTIC WATER -
GROUND FLOOR

AH P100

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PART PLAN - GROUND FLOOR - AREA 'A'

3/32" = 1'-0"

ANNE HUTCHINSON
ELEMENTARY SCHOOL

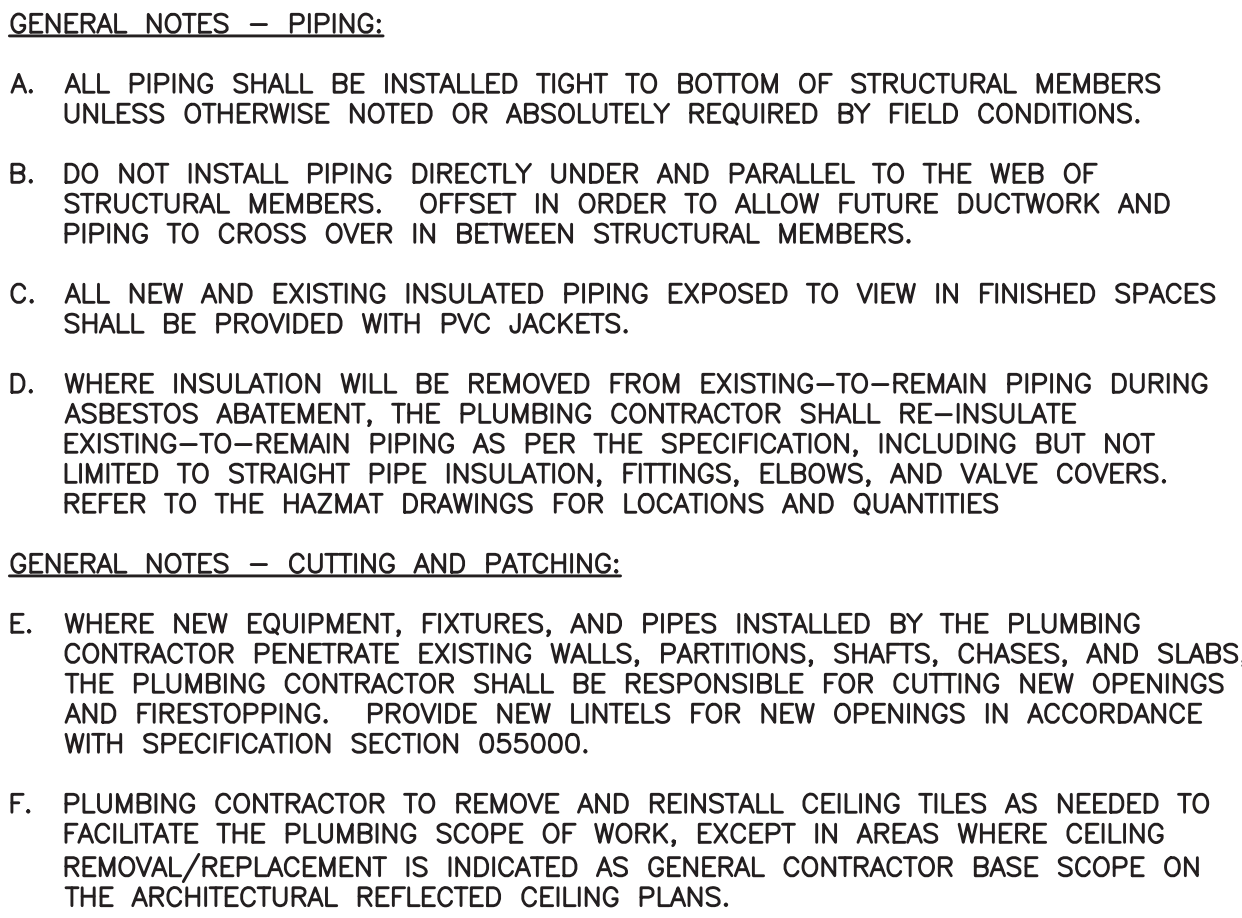
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HAUPPAUGE, NY 11762

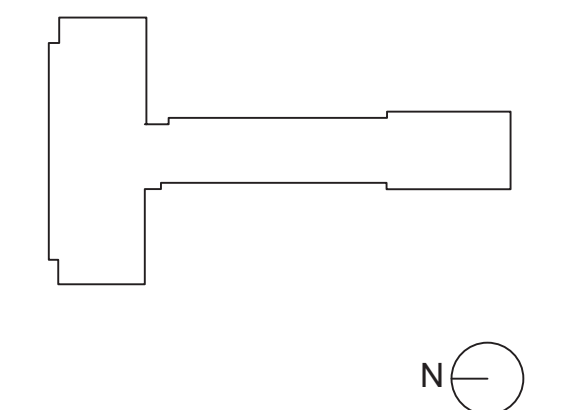
STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
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MASSAPEQUA PARK, NY 11762

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STAMFORD, CT 06905

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

[illegible]

KEY PLAN



PROJECT NO.	66-03-01-03-0-001-024
MEMASI PROJECT NO.	102-2301

PLUMBING PLAN - DOMESTIC WATER - FIRST FLOOR

AH P101

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PART PLAN - FIRST FLOOR - AREA 'A'

$$\overline{3/32'' = 1'-0''}$$

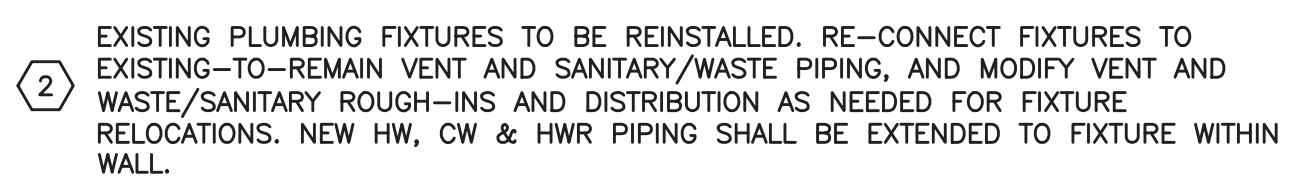
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PART PLAN - GROUND FLOOR - AREA 'A'

2022 CAPITAL PROJECT PHASE 4

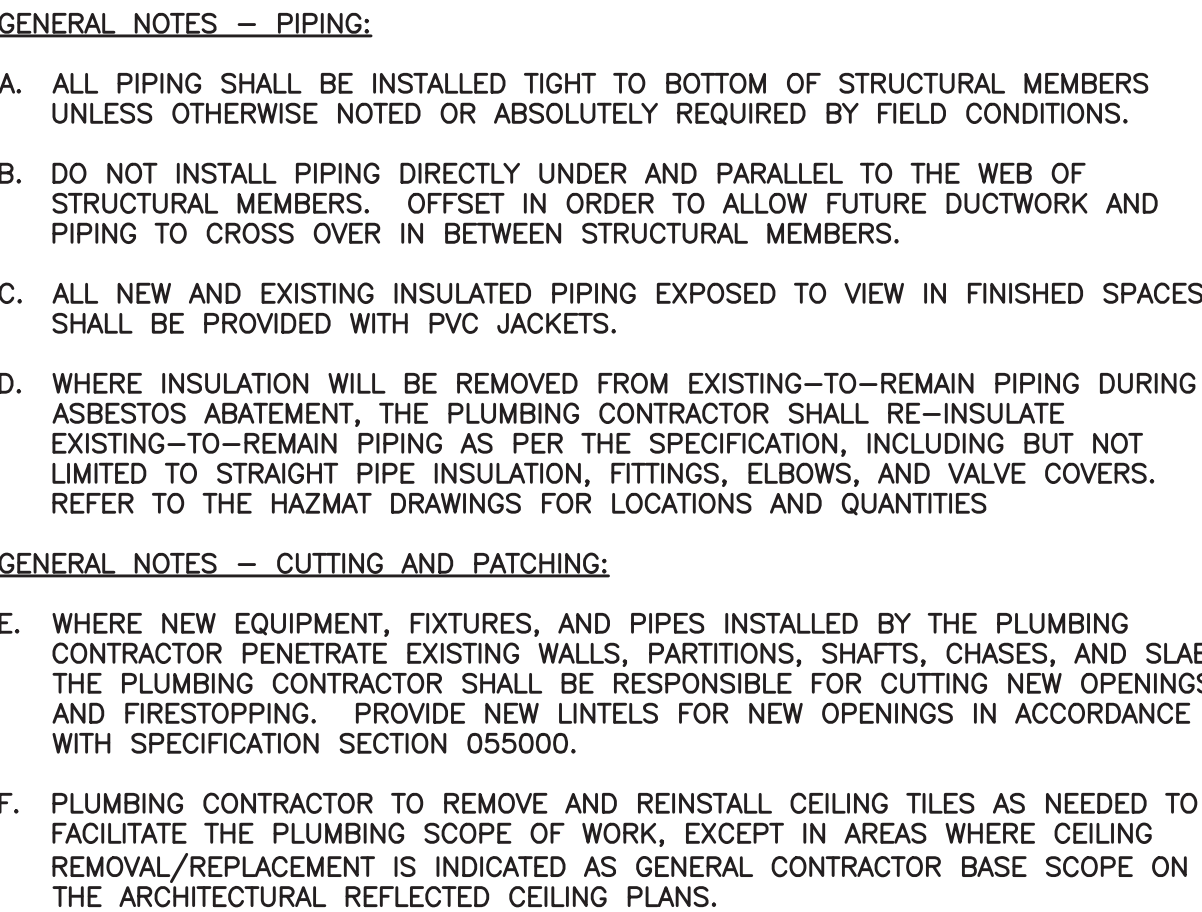
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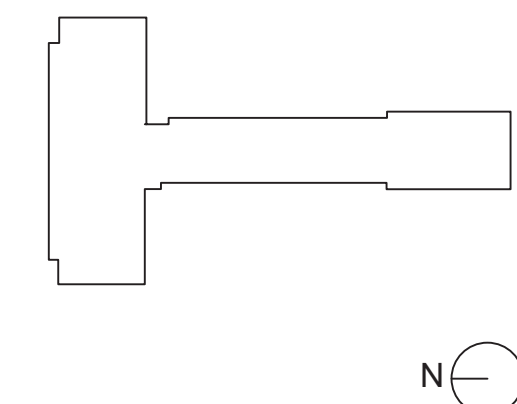


KEY NOTES:

NEW PLUMBING FIXTURES TO BE INSTALLED. RE-CONNECT NEW FIXTURES TO EXISTING-TO-REMAIN VENT AND SANITARY/WASTE PIPING, AND MODIFY VENT AND WASTE/SANITARY ROUGH-INS AND DISTRIBUTION AS NEEDED FOR FIXTURE RELOCATIONS. NEW HW, CW & HWR PIPING SHALL BE EXTENDED TO FIXTURE WITHIN WALL.

ISSUED FOR BID	11/06/2024
ISSUE	DATE

KEY PLAN



PROJECT NO.	66-03-01-03-0-001-024
MEMASI PROJECT NO.	102-2301

PLUMBING PLAN -
SANITARY AND VENT
- FIRST FLOOR

AH P201

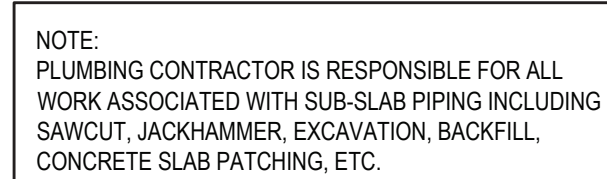
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KEY PLAN



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