

EASTCHESTER UNION FREE SCHOOL DISTRICT

2021-2022 MIDDLE SCHOOL GYMNASIUMS RENOVATIONS AND MIDDLE SCHOOL ROOF REPLACEMENT PROJECT

MEMASI

2 LYON PLACE
WHITE PLAINS, NY 10601
914-915-9519
MEMASIDESIGN.COM

STRUCTURAL CONSULTANT
REILLY TARANTINO ENGINEERING
1000 PARK BOULEVARD, #209
MASSAPEQUA PARK, NY 11762
631.724.7888

MEP CONSULTANT
STANTEC
30 OAK STREET, SUITE 400
STAMFORD, CT 06905
203.352.1717
PROJECT NUMBER: 223030768

HAZARDOUS MATERIALS CONSULTANT
WSP
96 MORTON STREET, 8TH FLOOR
NEW YORK, NY 10014
212.612.7924

PLUMBING NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AND SHALL REPORT TO ENGINEER ANY DISCREPANCIES OR OMISSIONS THAT WOULD INTERFERE WITH SATISFACTORY COMPLETION OF THE WORK.
- CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- IN THE EVENT OF ANY DISCREPANCY BETWEEN THE DEMOLITION PLAN AND THE CONSTRUCTION PLANS, CONSTRUCTION PLANS AND INTENT SHALL GOVERN.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND FUNCTIONAL.
- NOTIFY BUILDING MANAGER AT LEAST 48 HOURS BEFORE NEW WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT DESIGNATED TIMES UNDER BUILDING MANAGERS SUPERVISION AND ONLY WITH THEIR APPROVAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING WITH BUILDING MANAGEMENT FOR HANDLING MATERIALS, AS WELL AS FOR ALLOWABLE WORKING HOURS AND DELIVERIES.
- PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH RESPECT TO ALL OTHER TRADES, INCLUDING STRUCTURE AND CEILING HEIGHTS. CONTRACTOR SHALL COORDINATE ALL WORK WITH ARCHITECTURAL LAYOUTS, INCLUDING CEILING HEIGHTS.
- CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AND MANUFACTURERS CUTS AND SAMPLES TO ARCHITECT AND PLUMBING ENGINEER PRIOR TO COMMENCEMENT OF SUCH WORK.
- DRAWINGS ARE NOT TO BE SCALED.
- CONTRACTOR SHALL EXERCISE EXTREME CARE IN PROTECTING AREAS ADJACENT TO CONSTRUCTION AREAS. SHALL FULLY PROTECT THEM FROM ANY DAMAGE RESULTING FROM CONTRACTORS WORKMEN, SUBCONTRACTORS OR AGENTS, AND SHALL BE RESPONSIBLE FOR REPAIRING, CLEANING OR REPLACING ANY SUCH DAMAGE.
- ALL DIMENSIONS GIVEN ARE FINISH DIMENSIONS UNLESS OTHERWISE STATED.
- UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, APURTENANCES, EQUIPMENT AND SERVICES TO COMPLETE ALL WORK AS INDICATED ON DRAWINGS AND/OR SPECIFIED ON NOTES.
- UNLESS SPECIFICALLY STATED OTHERWISE, CONTRACTOR SHALL FOLLOW MANUFACTURERS' DIRECTIONS WITH APPLICABLE CODES, INSTRUCTIONS AND RECOMMENDATIONS FOR ALL MATERIALS AND PROCESSES USED IN THIS CONTRACT. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- UPON COMPLETION OF THE WORK, COMPLETELY CLEAN THE CONSTRUCTION AREA SUITABLE FOR THE OWNERS USE, INCLUDING REMOVAL OF ALL LABELS (AFTER ARCHITECTS INSPECTION), CLEANING OF ALL THE EQUIPMENT, CONSTRUCTION WORK, WINDOWS AND OTHER WORK, NEW AND OLD, IN THAT CONSTRUCTION AREA. MAINTENANCE MANUAL SHALL BE PROVIDED TO THE OWNER.
- BUILDING DEPARTMENT APPROVED PLANS SHALL BE TURNED OVER TO OWNER AT THE COMPLETION OF THE JOB.
- CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED UNDER THIS CONTRACT FOR ONE YEAR, STARTING FROM DATE OF FINAL COMPLETION OF ALL WORK.
- PROVIDE CLEANOUTS FOR CHANGES IN DIRECTION FOR ALL SANITARY PIPING.
- CONTRACTOR SHALL COORDINATE ALL FLOOR CORING SLEEVES AND FLOOR OPENINGS WITH STRUCTURAL DRAWINGS.
- ALL EXPOSED PIPING PENETRATIONS THROUGH WALLS OR CEILINGS SHALL BE PROVIDED WITH APPROPRIATE FIRE RETARDANT SEALANT AND ESCUTCHEONS.
- THE CONTRACTOR MUST MAKE ALLOWANCE FOR NECESSARY MODIFICATIONS TO EXISTING CONDITIONS TO PERFORM WORK.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THE EXACT LOCATION OF ALL EXISTING MAIN STACKS AND RISERS AND CONNECTIONS FROM EXISTING FIXTURES PRIOR TO NEW WORK.
- THE EXISTING SYSTEMS SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL NEW WORK. THE EXISTING SYSTEM SHALL REMAIN IN WORKING CONDITION DURING CONSTRUCTION.
- COORDINATE THE NEW STORM PIPING CONNECTION TO THE EXISTING. THE CONTRACTOR SHALL MAKE THE NECESSARY PIPING MODIFICATIONS REQUIRED TO ACCOMMODATE THE CONNECTIONS.
- PLATFORMS, CURBS, AND FLASHINGS FOR PLUMBING EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS, UNLESS NOTED OTHERWISE. COORDINATE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORTS FOR FURNISHED EQUIPMENT.
- PROVIDE DRAIN DRIP PANS UNDER ALL PLUMBING DRAINAGE PIPING TO BE INSTALLED WITHIN THE ELECTRICAL AND TELEPHONE EQUIPMENT, KITCHEN, PANTRY OR FOOD PREPARATION AND DINING ROOM CEILINGS. PROVIDE TELL TALE DRAINAGE PIPE AND SPILL OVER CLOSE FLOOR DRAIN OR SERVICE SINK.
- THE CONTRACTOR SHALL MAKE THE FINAL CONNECTION TO ALL GAS FIRED EQUIPMENT/APPLIANCES. REGARDLESS OF WHO PROVIDED THE EQUIPMENT/APPLIANCE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO HVAC EQUIPMENT, COOKING EQUIPMENT/APPLIANCES, EMERGENCY GENERATORS AND DOMESTIC WATER HEATERS. EACH PIECE OF EQUIPMENT/APPLIANCE SHALL BE PROVIDED WITH A DIRT LEG, LUBRICATED PLUG VALVE, UNION AND PRESSURE REGULATOR (WHERE REQUIRED).

GENERAL NOTES

- ALL REFERENCES HEREIN TO THE CONTRACTOR SHALL REFER TO THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
- 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.
- DO NOT SCALE FROM THESE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK WITHIN A DISTANCE OF FIVE FEET FROM THE BUILDING PERIMETER.
- DO NOT MAKE ANY CHANGES OR SUBSTITUTIONS WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER.
- THE CONTRACTOR SHALL REFER TO WRITTEN SPECIFICATION IN CONJUNCTION WITH THESE DRAWINGS FOR FULL PROJECT SCOPE.
- ANY DISCREPANCIES OR INADEQUACIES WITHIN BID DOCUMENTS, BETWEEN THESE BID DOCUMENTS AND RELATED HVAC, FIRE PROTECTION, ELECTRICAL, STRUCTURAL, ARCHITECTURAL, INTERIOR DECOR, AND STRUCTURAL BID DOCUMENTS, OR BETWEEN THESE BID DOCUMENTS AND FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO BID SUBMISSION.
- 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 PANEL DOORS. THESE DRAWINGS SHALL INCLUDE ALL CHANGES AND DEVIATIONS FROM CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL SCHEDULE ALL WORK TO AVOID INTERFERENCE WITH FIRE PROOFING WORK.
- THE CONTRACTOR SHALL COORDINATE ALL UNDERGROUND PIPING LOCATIONS AND INVERTS WITH ALL UTILITIES.
- 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.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS AND ALL APPLICABLE CODES. THE CONTRACTOR SHALL PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- 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.
- 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.
- ALL ABOVE GRADE PIPING SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE. NO PIPING SHALL REST ON CEILING TILES OR CEILING STRUCTURE.
- 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.
- WATER METER SHALL BE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS AND SHALL BE PROVIDED WITH REMOTE READINGS.
- THE CONTRACTOR SHALL PROVIDE ALL CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS, AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
- THE CONTRACTOR SHALL COORDINATE ALL ROOF PENETRATIONS AND ASSOCIATED FLASHING REQUIREMENTS WITH OTHER TRADES.
- 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.
- ALL PLUMBING FIXTURES/APPLIANCES SHALL HAVE THEIR OWN SHUTOFF VALVES INSTALLED IN AN EASILY ACCESSIBLE AND CONVENIENT LOCATION.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL PROVIDE REDUCING FITTING AT ALL CHANGES IN DIAMETER OF SANITARY, WASTE, AND STORM PIPING.
- 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.
- UPON COMPLETION, EXISTING SYSTEM SHALL BE IN WORKING ORDER.

PLUMBING DRAWING LIST

SHEET NUMBER	SHEET TITLE
MS P001	COVER SHEET
MS P101	PART PLANS

PLUMBING SYMBOL LIST

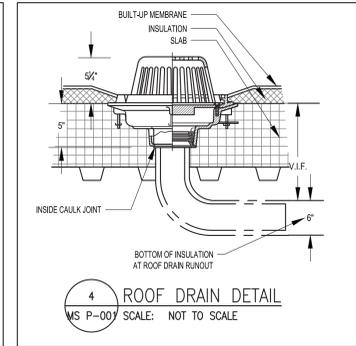
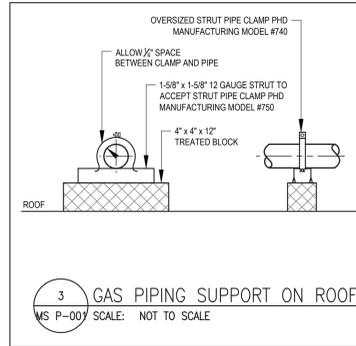
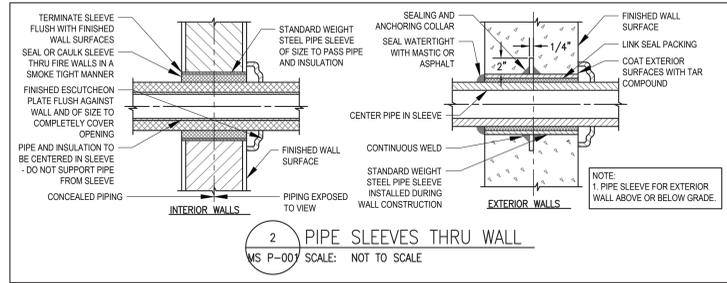
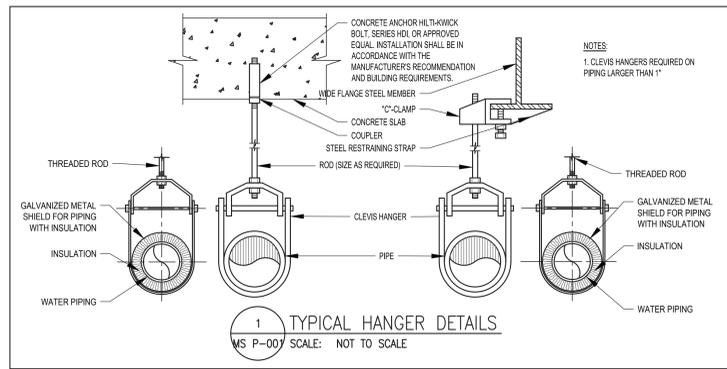
-- X -- X -- X -- X -- X --	EXISTING PIPING TO BE REMOVED
--- ST ---	STORM DRAINAGE PIPING (ST)
--- ST ---	EXISTING STORM DRAINAGE PIPING (ST)
--- OD ---	OVERFLOW STORM DRAINAGE PIPING (OD)
--- OD ---	EXISTING OVERFLOW STORM DRAINAGE PIPING (OD)
--- G ---	GAS PIPING (G)
--- G ---	EXISTING GAS PIPING (G)
(P)	SANITARY OR PLUMBING RISER
(XXX 400)	DETAIL REFERENCE IN 400 SERIES
--- ST ---	STORM STACK
(O)	POINT OF DISCONNECT
(C)	CONNECT NEW PIPING TO EXISTING
(CO)	CLEANOUT (CO)
(A)	AREA, FLOOR OR ROOF DRAIN
(V)	GAS VALVE
(F)	DIRECTION OF FLOW
(U)	PIPE UP
(D)	PIPE DROP OR DOWN
(T)	TOP CONNECTION
(B)	BOTTOM CONNECTION
(C)	CAPPED CONNECTION
(T)	TRAP
(B)	BREAK
(T)	NEW TEE CONNECTION
(E)	NEW ELBOW CONNECTION
(N)	NEW CONNECTION POINT
(U)	UNION
(V)	VALVE ON RISE

SYMBOLS LIST IS PROVIDED FOR CONVENIENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED IN THIS PROJECT.

PLUMBING ABBREVIATIONS

AF	ABOVE FINISHED FLOOR
BOP	BOTTOM OF PIPE
CL	CENTERLINE
CG	CEILING
CO	CLEAN OUT
DFU	DRAINAGE FIXTURE UNIT
DIP	DUCTILE IRON PIPE
DN	DOWN
DR	DRAIN
DWG	DRAWING
EHCI	EXTRA HEAVY CAST IRON
EL	ELEVATION
EX	EXISTING
FD	FLOOR DRAIN
FT	FOOT, FEET
FU	FIXTURE UNITS
G	GAS
HR	HR
HVAC	HEATING, VENTILATION & AIR CONDITIONING
L.LDR	LEADER
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
RD	ROOF DRAIN
SF	SQUARE FEET
TBR	TO BE REMOVED
TYP	TYPICAL
VTR	VENT THROUGH ROOF
WSFU	WATER SUPPLY FIXTURE UNIT
XHCI	EXTRA HEAVY CAST IRON

ABBREVIATIONS LIST IS PROVIDED FOR CONVENIENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED IN THIS PROJECT.



PLUMBING DEMOLITION NOTES

- EACH BIDDER SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.
- DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT.
- VERIFY ALL GOVERNING DIMENSIONS, PIPE SIZES AND LOCATION OF THE PIPING AND EQUIPMENT TO BE REMOVED.
- NOTIFY BUILDING OWNER AND CONSTRUCTION MANAGER AT LEAST 48 HOURS BEFORE DEMOLITION WORK OR BEFORE SHUT DOWN OF EXISTING SERVICES. RISER SHUT DOWNS SHALL BE PERFORMED AT TENANTS COST, AT DESIGNATED TIMES UNDER BUILDING MANAGERS SUPERVISION AND ONLY WITH HIS APPROVAL.
- ALL FIXTURES, EQUIPMENT, PIPING, ETC. TO BE REMOVED, SHALL BE DISPOSED OF, RELOCATED, TURNED OVER TO THE OWNER OR SALVAGE AS DIRECTED BY THE ARCHITECT.
- UPON COMPLETION OF ALL NEW WORK NO ABANDONED PIPING SHALL REMAIN.
- THE EXISTING SYSTEM SHALL BE LEFT IN PERFECT WORKING ORDER UPON COMPLETION OF ALL WORK.
- LOCATIONS AND SIZES OF EXISTING PIPING ARE APPROXIMATE. EXACT SIZE AND LOCATIONS OF ALL EXISTING PIPING SHALL BE VERIFIED AT THE SITE.
- NO REMOVED EXISTING PIPING FITTINGS, VALVES, FIXTURES, ETC. SHALL BE REUSED UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL CEILING HEIGHTS.
- UNDER NO CIRCUMSTANCES WILL THIS CONTRACTOR OR HIS WORKPEOPLE BE PERMITTED TO USE ANY PART OF THE BUILDING AS A SHOP, EXCEPT PART DESIGNATED BY THE OWNER FOR SUCH PURPOSES.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL FROM THE PREMISES ALL DEBRIS RESULTING FROM PLUMBING WORK, UNNECESSARY NOISE SHALL BE AVOIDED AT ALL TIMES AND NECESSARY NOISE SHALL BE REDUCED TO A MINIMUM.
- ANY AND ALL REQUIRED DEMOLITION WORK TO BE PERFORMED ABOVE EXISTING SUSPENDED CEILING AND FURRED OUT WALLS SHALL BE DONE AT THE TIME WHEN THE EXISTING CEILING AND FURRED OUT WALLS ARE REMOVED BY THE GENERAL CONTRACTOR.
- ALL EQUIPMENT AND INSTALLATIONS MUST BE EQUAL TO THE STANDARDS OF THE BASE BUILDING. ANY DEVIATION FROM BUILDING STANDARDS WILL BE PERMITTED ONLY IF INDICATED OR SPECIFIED ON THESE PLANS AND SPECIFICATIONS AND APPROVED.
- TO ENSURE CONTINUOUS OPERATION, MAKE ALL NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING ALL COST RESULTING FROM TEMPORARY SHUTDOWNS SHALL BE BORNE BY THE CONTRACTOR.

DEMOLITION NOTES

- 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.
- THE CONTRACTOR SHALL PERFORM DEMOLITION AND REMOVAL WORK WITH MINIMUM INTERFERENCE TO FUNCTIONING PLUMBING SYSTEMS. ALL AFFECTED SYSTEMS SHALL BE RECONNECTED AND RESTORED.
- 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.
- 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 STRAP CONNECTIONS AS NECESSARY.
- 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.
- THE CONTRACTOR SHALL NOTIFY THE BUILDING OWNER AND CONSTRUCTION MANAGER 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.
- 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.
- THE SHUTDOWN OF EXISTING BUILDING PLUMBING SERVICES SHALL BE COORDINATED WITH THE BUILDING OWNER AND CONSTRUCTION MANAGER. MAKE ARRANGEMENTS AT LEAST 5 BUSINESS DAYS PRIOR TO A SHUTDOWN.
- NO ABANDONED PIPING SHALL REMAIN.

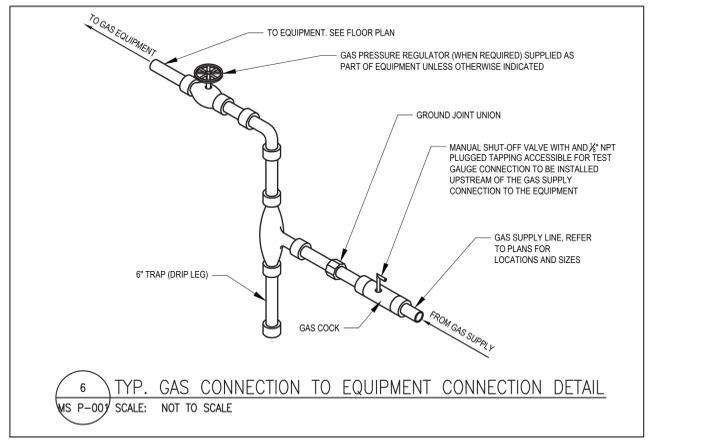
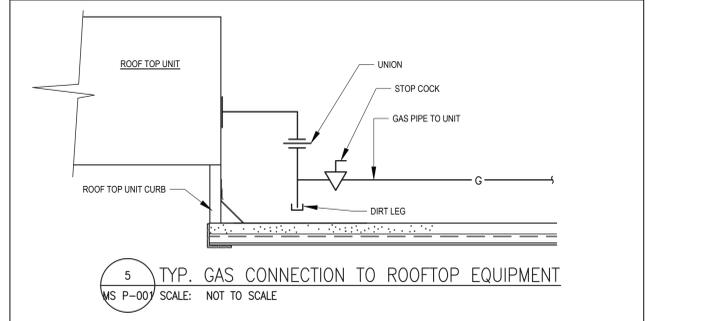
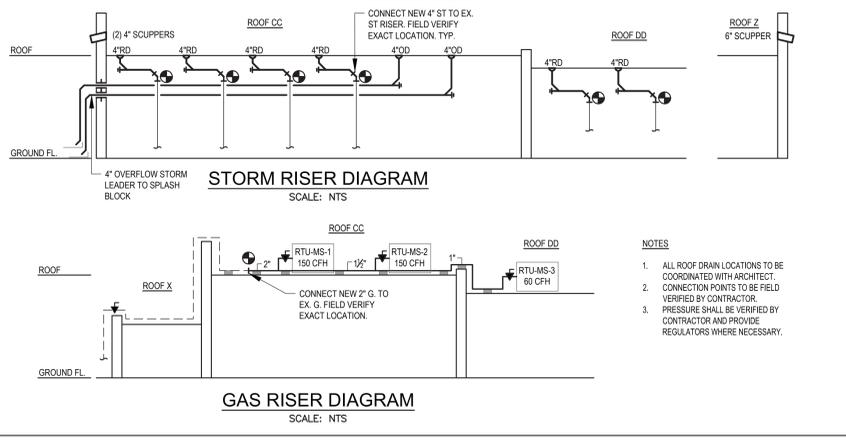
DRAIN SCHEDULE

DESIGNATION	REQUIRED	BODY	STRAINER	REMARKS	
RD	Z-100	ZIRN CAST IRON LACQUER COATED STAINLESS STEEL ALL BRONZE NICKEL BRONZE POLYMER CONCRETE 45 OUTLET 40 OUTLET OTHER OUTLET SIDE OUTLET OTHER OUTLET CLAMPING DEVICE BACK WATER VALVE THREADED OUTLET NO HUB RD, RECYCLER PLATE ACID RESISTANT COATED INSIDE GASKET CAST IRON LACQUER COATED STAINLESS STEEL DUCTILE IRON DUCTILE IRON (304 LINED) SEMI-DUCTILE SECONDARY STRAINER BRONZE NICKEL BRONZE CHROME PLATED SATIN FINISH (STAINLESS STEEL) TRAP COVER FLAT TOP HEEL ROOF GRATE HIGH DOME LOW DOME EXTENSION PIECE VERTICAL ADJUSTMENT TOP SIZE ANGLE TYPE RANKED UP MESH SCREEN OVER DOME GENERAL AREA ON LOCATION			ROOF

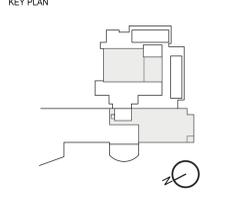
NOTES:
1. ALL FLOOR DRAINS IN FINISHED AREAS AND ALL ROOF DRAINS SHALL BE LOCATED AS PER THE ARCHITECTURAL DRAWINGS.
2. THE CONTRACTOR SHALL VERIFY THE COMPATIBILITY OF THE DRAINS WITH THE APPROVED ROOFING AND/OR WATER PROOFING SYSTEMS PRIOR TO SUBMITTING SHOP DRAWINGS.

MATERIAL SCHEDULE

SYSTEMS	PIPE	FITTINGS	JOINTS
LEADERS STACKS (10\"/>			



SEAL	
ISSUED FOR BID	12/10/2021
SEA SUBMISSION	10/06/2021
ISSUE	DATE



PROJECT NO.	66-03-01-03-0-003-026
MEMASI PROJECT NO.	102-2101

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 1988 MANUAL OF PLANNING STANDARDS

NEW YORK STATE ENERGY CODES

- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE

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

COVER SHEET

MS P001

12/20/2021 2:22 PM Avtron, Avn U:\223030768D_WORKING_FILES\MS_P001_CAD\MEMASI EASTCHESTER MS TUIS\SHSHEET\223030768P-001.DWG

