

PLUMBING SYMBOLS LEGEND

----	COLD WATER (CW)
----	HOT WATER (HW)
----	HOT WATER RETURN (HWR)
----	SANITARY SEWER (SAN)
----	STORM SEWER (ST)
----	OVERFLOW STORM (ST-O) (EMERGENCY)
----	VENT (V)
⊗ or 151	BALL VALVE
∇	CHECK VALVE
RD	ROOF DRAIN
⊗	BALANCING DEVICE
⊗	FLOOR DRAIN
⊗	POINT OF CONNECTION - TO DIV. 33 WORK OR EXISTING
⊗	POINT OF DISCONNECT
DEWH-	DOMESTIC ELECTRIC WATER HEATER
DHWCP-	DOMESTIC HOT WATER RECIRCULATION PUMP
VTR	VENT TERMINAL
WH	WALL HYDRANT
FWH	FREEZE-PROOF WALL HYDRANT
TMV-	THERMOSTATIC MIXING VALVE
C.I.	CAST IRON
CO	CLEAN OUT
YCO	YARD CLEAN OUT
(2CW)	EXISTING EQUIPMENT AND PIPING TO REMAIN INDICATED IN PARENTHESIS

GENERAL DEMOLITION NOTES

- ON DEMOLITION DRAWINGS, ALL EQUIPMENT AND PIPING SHOWN BOLD, DASHED OR MARKED WITH AN "X" SHALL BE REMOVED, ALONG WITH ALL ASSOCIATED ITEMS IN THEIR ENTIRETY.
- ALL PIPING, FITTINGS, HANGERS, EQUIPMENT, APPURTENANCES AND SUPPORTS MADE OBSOLETE BY THIS PROJECT SHALL BE REMOVED AND LEGALLY DISCARDED OFF SITE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED FOR THE INSTALLATION OF NEW WORK, WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- ALL EXISTING PLUMBING AND EQUIPMENT SHOWN ON THIS DRAWING WAS BASED ON ORIGINAL BID DOCUMENTS FURNISHED BY THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PLUMBING AND EQUIPMENT LOCATIONS IN AREAS BEING RENOVATED AND NEW ADDITION PRIOR TO BID AND ADJUST SCOPE OF DEMOLITION ACCORDINGLY TO ACCOMMODATE PROJECT AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING ALL WALLS, FLOORS, CEILINGS AND ROOF THAT ARE INDICATED TO REMAIN ON ARCHITECTURAL DRAWINGS WHERE DEMOLITION OF PLUMBING SYSTEMS HAVE TAKEN PLACE.
- ALL PLUMBING FIXTURES LOCATED ALONG WALLS INDICATED TO BE REMOVED. CONTRACTOR SHALL REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED ITEMS, REMOVE BRANCH DOMESTIC WATER, VENT, AND GAS PIPING (WHERE APPLICABLE) AND ALL ASSOCIATED ITEMS IN THEIR ENTIRETY. REMOVE BRANCH SANITARY LINE TO BELOW FLOOR SLAB AND CAP - UNLESS INDICATED OTHERWISE ON DWG.
- ALL PLUMBING FIXTURES BEING DEMOLISHED. LOCATED ALONG WALLS INDICATED TO REMAIN (UNLESS NOTED OTHERWISE ON DRAWING. CONTRACTOR SHALL REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED ITEMS, REMOVE BRANCH DOMESTIC WATER, VENT, AND GAS PIPING (WHERE APPLICABLE) AND ALL ASSOCIATED ITEMS IN THEIR ENTIRETY. REMOVE BRANCH SANITARY LINES TO BELOW FLOOR SLAB AND CAP. REMOVE BRANCH SANITARY EXTENDING THRU WALL TO FIXTURE SHALL BE REMOVED TO INSIDE WALL CAVITY AND CAP.

GAS PIPING GENERAL NOTES

- INSTALLATION OF ALL WORK ASSOCIATED WITH GAS PIPING AND SPECIALTIES SHALL COMPLY WITH 2021 INTERNATIONAL FUEL GAS CODE.
- CONTRACTOR IS REQUIRED TO PERFORM PRESSURE TEST, INSPECTION AND PURGING FOR NEW GAS PIPING IN ACCORDANCE WITH LATEST EDITION OF NFPA 54 CHAPTER 8. CONTRACTOR SHALL MAKE ANY NECESSARY MODIFICATIONS TO THE EXISTING AND NEW GAS PIPING AS REQUIRED TO PASS THE PRESSURE AND INSPECTION TEST. NOTIFY ARCHITECT AND OWNER PRIOR TO TESTING AND PROVIDE WRITTEN DOCUMENTATION TO OWNER. CONTRACTOR TO COORDINATE PRESSURE TEST WITH ROANOKE COUNTY. ROANOKE GAS COMPANY CONTACT PERSON: WILL JOHNSON 540.397.3269

GENERAL NOTES

- ALL INVERTS SHOWN ON PLUMBING DRAWINGS ARE BASED ON FINISHED FLOOR ELEVATION OF 0.00' UNLESS NOTED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL NEW PIPING AND EQUIPMENT REQUIRED PRIOR TO THE DEMOLITION AND REMOVAL OF EXISTING SYSTEMS.
- ALL EXISTING PLUMBING AND EQUIPMENT SHOWN ON THIS DRAWING WAS BASED ON ORIGINAL BID DOCUMENTS FURNISHED BY THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING PLUMBING AND EQUIPMENT LOCATIONS PRIOR TO CONSTRUCTION AND ADJUST INSTALLATION OF NEW WORK ACCORDINGLY AT NO ADDITIONAL COST TO OWNER.
- INSTALL FULL PORT BALL TYPE SHUT-OFF VALVES ON ALL BRANCH DOMESTIC WATER PIPING OFF MAIN.
- INSTALL CLEANOUTS AT THE BASE OF ALL RAINWATER LEADERS. CLEANOUT LOCATIONS FOR ALL LEADERS LOCATED IN CHASE WALLS SHALL BE COORDINATED WITH GENERAL CONTRACTOR PRIOR TO CONSTRUCTION.
- COORDINATE LOCATIONS OF ALL SANITARY AND STORM CLEANOUTS FOR VERTICAL RISERS IN FINISHED AREAS WITH ARCHITECT PRIOR TO CONSTRUCTION.
- INSTALL WATER HAMMER ARRESTORS AS PER MANUFACTURERS RECOMMENDATIONS. INSTALL WATER HAMMER ARRESTORS ON ALL BRANCH DOMESTIC WATER LINES SERVING FLUSH VALVES, SENSOR OPERATED FAUCETS CLOTHES WASHING MACHINES, DISHWASHING MACHINES, DRINKING FOUNTAINS, AND IN ANY QUICK CLOSING SOLENOID ACTUATED VALVE SERVING PLUMBING FIXTURES. ARRESTORS SHALL BE LOCATED ABOVE CEILINGS IN AREAS THAT ARE NOT ACCESSIBLE.
- CONTRACTOR SHALL BALANCE DOMESTIC HOT WATER SYSTEM TO FLOWS INDICATED ON DRAWING.
- BALANCING DEVICES FOR DOMESTIC HOT WATER RECIRCULATION SYSTEM SHALL BE BASED ON REQUIRED GPM FLOW, NOT SIZE OF PIPING.
- VENTS ON ROOF SHALL BE A MINIMUM OF 18" ABOVE ROOF. REFER TO P510 FOR ADDITIONAL INFORMATION.
- FOR DOWNSPOUT NOZZLE DETAIL, REFER TO P910 FOR ADDITIONAL INFORMATION.
- REFER TO ARCHITECTURAL DETAILS FOR OVERFLOW ROOF DRAIN DETAIL.
- ALL DOMESTIC WATER PIPING AND ACCESSORIES, I.E. VALVES, AND BACKFLOW PREVENTERS SHALL MEET NSF-ANSI 61 REQUIREMENTS.
- ALL GAS PIPING LOCATED ON ROOF AND OUTSIDE OF MECHANICAL ROOMS SHALL BE PREPARED WITH ONE COAT OF PRIMER AND TWO COATS OF CORROSION RESISTANT PAINT. SUBMIT TYPE OF PAINT USED TO ENGINEER FOR APPROVAL.
- ALL GAS PIPING ON ROOF SHALL BE SUPPORTED BY MICRO-PILLOW BLOCK PIPE SUPPORTS.
- INSTALLATION OF ALL WORK ASSOCIATED WITH GAS PIPING AND SPECIALTIES SHALL COMPLY WITH THE LATEST INTERNATIONAL FUEL GAS CODE.
- ROUTE DRAIN LINE FROM THE RELIEF PORT OF EACH BACKFLOW PREVENTER TO NEAREST FLOOR DRAIN AND TERMINATE WITH AN INDIRECT CONNECTION.
- DIVISION 22 CONTRACTOR SHALL COORDINATE LOCATIONS OF CEILING ACCESS PANELS WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ACCESS PANELS AS REQUIRED FOR ACCESSIBILITY TO SHUT-OFF VALVES, AND WATER HAMMER ARRESTORS ABOVE INACCESSIBLE CEILINGS.
- DURING CONSTRUCTION, ALL PIPING SHALL BE SEALED ON THE ENDS TO PREVENT EXCESS DUST AND DEBRIS FROM ENTERING THE SYSTEM. SEALING SHALL INVOLVE A PLASTIC FILM COVERING WITH AN ADHESIVE SURFACE OR ELASTIC BAND TO RETRAIN COVER.
- COORDINATE THE EXACT LOCATIONS OF FLOOR DRAINS, HUB DRAINS, FUNNEL DRAINS, KITCHEN RECEPTORS (KR) AND FLOOR SINKS WITH THE APPLICABLE EQUIPMENT PRIOR TO CONSTRUCTION.
- INSTALL VALVE HANDLE EXTENSIONS ON ALL INSULATED DOMESTIC WATER SHUT-OFF VALVES. REFER TO INSULATED VALVE STEM EXTENSION DETAIL ON DWG. P910 FOR ADDITIONAL INFORMATION.
- SLOPE ALL GRAVITY PIPING OF SIZES 3" DIAMETER AND LARGER AT 1/8" PER FOOT MINIMUM, AND SIZES 2-1/2" AND SMALLER AT 1/4" PER FOOT MINIMUM WHERE NOT OTHERWISE INDICATED.
- CONTRACTOR SHALL PROVIDE A SMOKE TEST OF THE COMPLETED SANITARY SEWAGE SYSTEM, INCLUDING FIXTURES PRIOR TO FINAL OCCUPANCY OF THE FACILITY.
- COORDINATE LOCATIONS OF FLOOR DRAINS WITH EQUIPMENT HOUSEKEEPING PADS PRIOR TO CONSTRUCTION AND ADJUST INSTALLATION OF FLOOR DRAINS ACCORDINGLY.
- REFER TO THIS SHEET FOR PLUMBING FIXTURE SCHEDULE. THIS SCHEDULE INDICATE BRANCH LINE SIZES FOR DOMESTIC AND SANITARY PIPING AND ASSOCIATED ITEMS.
- DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR TO COORDINATE EXACT INVERT ELEVATIONS, LOCATIONS OF EXISTING AND NEW SYSTEMS AND COMPONENTS IN THE FIELD.
- ALL WORK SHALL BE PERFORMED IN A NEAT, PROFESSIONAL AND SAFE MANNER AND SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES.
- ALL NEW BUILDING PENETRATIONS SHALL BE FLASHED AND SEALED PER THE SPECIFICATION REQUIREMENTS.
- ALL PIPING AND EQUIPMENT SHALL BE IDENTIFIED PER THE SPECIFICATIONS.
- SEE ARCHITECTURAL DRAWINGS FOR GRAPHIC SYMBOL, EXPLANATION OF FIRE RATINGS. PROVIDE THROUGH PENETRATION FIRE STOP SYSTEMS FOR RATED WALL PENETRATIONS. SEE SPECIFICATION SECTION 078413 FOR REQUIREMENTS.
- ALL PLUMBING MATERIALS AND WORK SHALL BE IN ACCORDANCE WITH THE 2021 INTERNATIONAL PLUMBING CODE AND LOCAL AHJ STATE CODE REQUIREMENTS.
- "EXPOSED TO VIEW" SHALL REFER TO ANY PIPING VISIBLE FROM FINISHED FLOOR LEVEL.
- ALL UNINSULATED PIPING EXPOSED TO VIEW SHALL BE PAINTED PER SPECIFICATIONS.
- ALL INSULATED PIPING EXPOSED TO VIEW SHALL BE JACKETED PER SPECIFICATIONS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION ON CEILING TYPES.
- REFER TO INTERIORS PLANS FOR ADDITIONAL INFORMATION ON REQUIRED FINISHES.

PLUMBING FIXTURE SCHEDULE							
MARK	DESCRIPTION	GAS	HW	CW	SAN.	VENT	REMARKS
P-1	WATER CLOSET	---	1-1/4"	4"	2"		15" TOILET SEAT HEIGHT, MANUAL FLUSH VALVE
P-1H	WATER CLOSET - ADA	---	1-1/4"	4"	2"		16.5" TOILET SEAT HEIGHT, MANUAL FLUSH VALVE
P-2	URINAL	---	1-1/4"	2"	1-1/2"		MANUAL FLUSH VALVE
P-2H	URINAL - ADA	---	1-1/4"	2"	1-1/2"		MANUAL FLUSH VALVE
P-3	UNDERMOUNT OVAL COUNTERTOP SINK		1/2"	1/2"	2"	1-1/2"	MANUALLY OPERATED FAUCET TRIM. ASSE 1070 THERMOSTATIC MIXING VALVE LOCATED BELOW COUNTERTOP. DIVISION 22 SHALL BE RESPONSIBLE FOR SETTING MAXIMUM TEMPERATURE OF MIXING VALVE AT 105 DEGREES FAHRENHEIT.
P-4	COUNTER TOP SINGLE BOWL SINK		1/2"	1/2"	2"	1-1/2"	MANUALLY OPERATED FAUCET TRIM. ASSE 1070 THERMOSTATIC MIXING VALVE LOCATED BELOW COUNTERTOP. DIVISION 22 SHALL BE RESPONSIBLE FOR SETTING MAXIMUM TEMPERATURE OF MIXING VALVE AT 105 DEGREES FAHRENHEIT.
P-5	KITCHENSPACE COUNTER TOP SINGLE BOWL SINK WITH SOLIDS INTERCEPTOR		1/2"	1/2"	2"	1-1/2"	MANUALLY OPERATED FAUCET. ASSE 1070 THERMOSTATIC MIXING VALVE LOCATED BELOW COUNTERTOP. DIVISION 22 SHALL BE RESPONSIBLE FOR SETTING MAXIMUM TEMPERATURE OF MIXING VALVE AT 105 DEGREES FAHRENHEIT.
P-6	BREAKROOM COUNTER TOP SINGLE BOWL SINK		1/2"	1/2"	2"	1-1/2"	MANUALLY OPERATED FAUCET. ASSE 1070 THERMOSTATIC MIXING VALVE LOCATED BELOW COUNTERTOP. DIVISION 22 SHALL BE RESPONSIBLE FOR SETTING MAXIMUM TEMPERATURE OF MIXING VALVE AT 105 DEGREES FAHRENHEIT.
P-7	ELECTRIC WATER COOLER WITH BOTTLE FILLER	---		1/2"	1-1/2"	1-1/4"	INDOOR BI-LEVEL WITH BOTTLE FILLER, WALL MOUNTED, REFRIGERATED, ADA, LEAD-FREE, NON-FILTERED.
P-8	MOP RECEPTOR		1/2"	1/2"	3"	1-1/2"	FLOOR-MOUNTED WITH DROP FRONT SINGLE BASIN

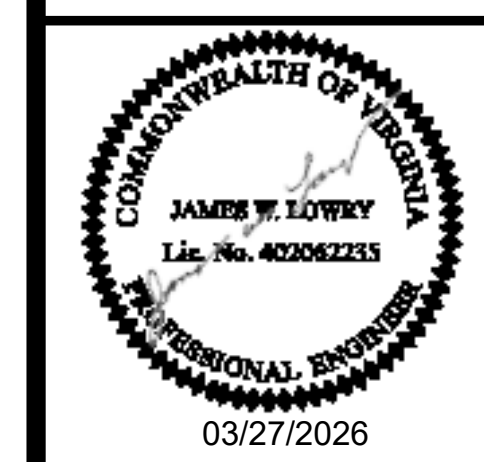
DOMESTIC WATER PUMP SCHEDULE													
MARK	MODEL NUMBER	LOCATION	SERVICE	INLINE	FLOW (GPM)	HEAD (FT)	SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	ELECTRICAL DATA - MOTOR				REMARKS
									HP	RPM	VOLTS	PHASE	
DHWCP-1	BELL AND GOSSETT NSF-25LW	MECH ELEC 124	ENTIRE FACILITY	RECIRCULATION	4.5	14	1	1	125 WATTS	2950	115	1	BAS CONTROLLED

ELECTRIC WATER HEATER SCHEDULE								
SYMBOL	LOCHINVAR MODEL NO.	LOCATION	STOR. GAL.	RECOVERY GPH 100° F TEMP. RISE	WATTS	VOLTAGE	DIA.	EXPANSION TANK
DEWH-1	LDT-40	MECH ELEC 124	40	18	4500 WATTS	208V1	21"	AMTROL# AS1-5 TANK VOLUME 2 GALLONS ACCEPTANCE VOLUME 0.9 GALLONS



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#	DESCRIPTION	DATE
1	BID / PERMIT	3/27/2026

RENOVATION AND EXPANSION TO
ROANOKE COUNTY PUBLIC LIBRARY
HOLLINS LIBRARY
6624 PETERS CREEK RD., ROANOKE VA 24019

PROJECT NO:
22017

ISSUED DATE:
MARCH 27, 2026

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

PLUMBING
SYMBOLS,
LEGENDS &
GENERAL
NOTES

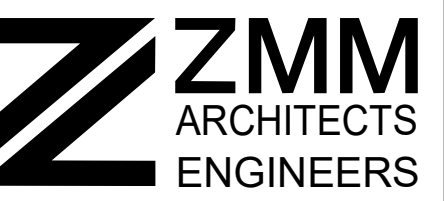
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KEYED NOTES

- 1 REMOVE ELBOW AND SECTION OF VERTICAL STORM LINE AND ALL ASSOCIATED ITEMS AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF NEW STORM LINE IN SAME LOCATION. THE REMAINING VERTICAL SECTION AND ALL ASSOCIATED PIPING DOWNSTREAM SHALL REMAIN. PREPARE END OF REMAINING PIPE FOR CONNECTION TO NEW WORK.
- 2 CUT EXISTING VERTICAL STORM STUB UP TO FINISH FLOOR. EXISTING STORM LINE UNDER GROUND SHALL REMAIN ACTIVE.
- 3 TOTAL EXISTING GAS LOAD IS 890,000 BTU/hr. THE EXISTING PRESSURE DOWNSTREAM OF GAS REGULATOR AND METER IS 7" W.C..



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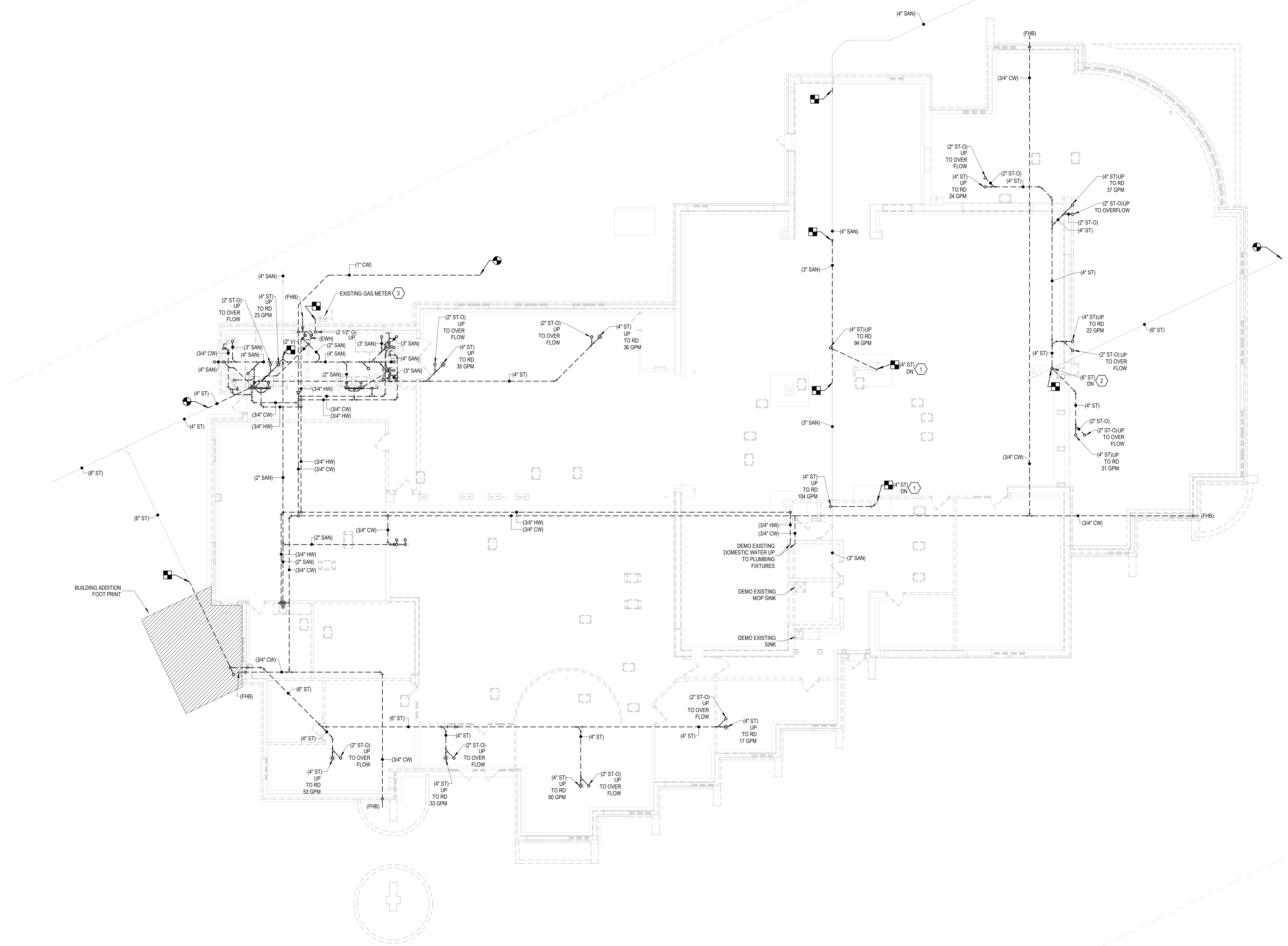
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PLUMBING
DEMOLITION
PLAN

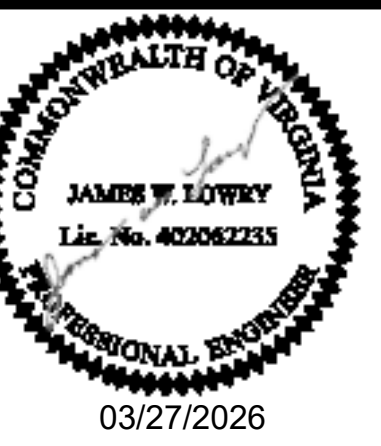
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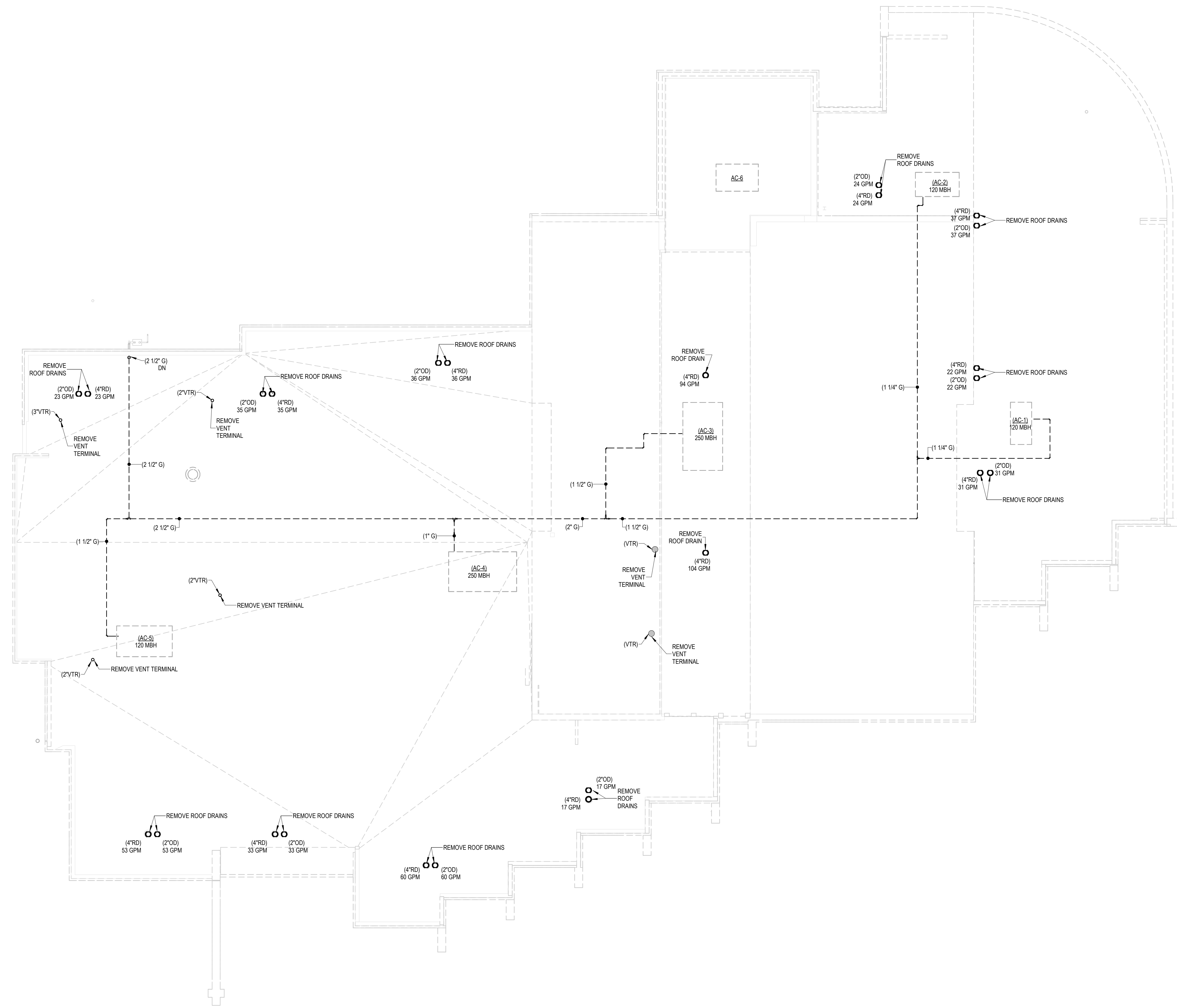
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PLUMBING DEMOLITION PLAN
1/8" = 1'-0"



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PLUMBING
ROOF
DEMOLITION
PLAN

P1.12

ROOF DEMOLITION PLAN
1/8" = 1'-0"

KEYED NOTES

1. INSTALL STRIEM SIDEKICK SOLIDS INTERCEPTOR BELOW COUNTER. MAINTAIN MANUFACTURER'S REQUIRED SERVICE CLEARANCE IN FRONT OF UNIT. SUPPORT SOLIDS INTERCEPTOR INDEPENDENT OF PIPING. REFER TO P510 PLUMBING DETAIL FOR PIPING ARRANGEMENT AND SOLIDS INTERCEPTOR'S LAYOUT UNDER THE SINK.
2. COORDINATE EQUIPMENT HOUSEKEEPING PADS WITH FLOOR DRAIN LOCATIONS PRIOR TO CONSTRUCTION.
3. PROVIDE SOLIDS INTERCEPTOR. INSTALL PER MANUFACTURER'S REQUIREMENTS.
4. CONNECT TO DOWNSPOUT NOZZLE AS REQUIRED. REFER TO ARCHITECTURAL FOR CEILING ELEVATIONS.
5. EXISTING UNDERGROUND STORM LINE ROUTED THRU NEW ADDITION SHALL REMAIN ACTIVE AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. FIELD VERIFY EXISTING INVERT ELEVATIONS OF PIPING WITH NEW FOOTER LOCATIONS IN THIS AREA. COORDINATE NEW FOOTING DEPTHS REQUIRED TO ACCOMMODATE EXISTING STORM LINE WITH GENERAL CONTRACTOR PRIOR TO CONSTRUCTION.
6. REMOVE SECTION OF EXISTING 3" SANITARY LINE TO ACCOMMODATE INSTALLATION OF NEW 4" SANITARY LINE. FIELD VERIFY EXACT LOCATION AND INVERT PRIOR TO CONSTRUCTION AND ADJUST INSTALLATION OF NEW WORK ACCORDINGLY.
7. PROVIDE CAP BELOW FINISH FLOOR LINE. EXISTING STORM LINE UNDER GROUND SHALL REMAIN ACTIVE.
8. ROUTE DOWNSPOUT DRAIN LINE TO SINK TAILPIECE.
9. TRANSITION TO DOWNSPOUT BOOT AS REQUIRED.



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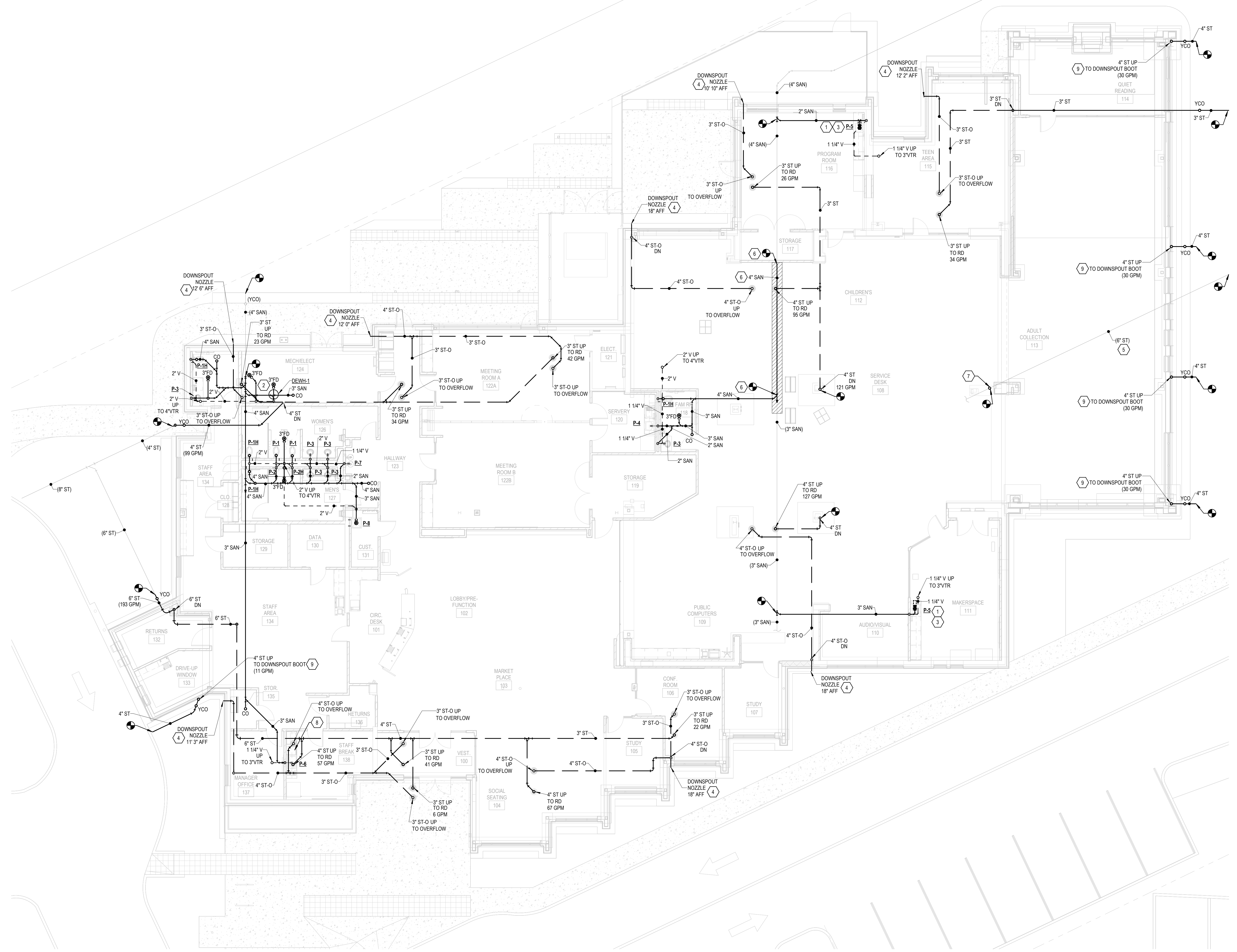
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STORM AND
SANITARY
PLUMBING
PLAN

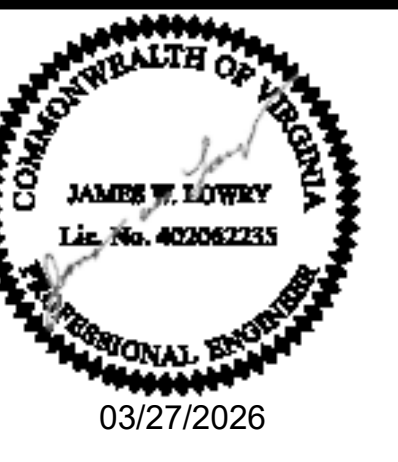
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STORM AND SANITARY PLUMBING PLAN
1/8" = 1'-0"

KEYED NOTES

- 1 1/2" BRANCH DOMESTIC COLD WATER PIPING DOWN TO REFRIGERATOR SUPPLY BOX AND CONNECT. INSTALL REFRIGERATOR SUPPLY BOX-SEE DETAIL.
- 2 3/4" BRANCH DOMESTIC COLD WATER LINE DOWN TO FREEZEPROOF WALL HYDRANT.
- 3 ROUTE 3/4" BRANCH DOMESTIC COLD WATER LINE UP TO FREEZE PROOF ROOF HYDRANT INSTALLED INSIDE ENCLOSURE ON ROOF. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION ON ENCLOSURE.
- 4 PROVIDE WALL MOUNTED IN-LINE WATER FILTER. CONTRACTOR SHALL COORDINATE WITH ARCHITECT/OWNER FOR FINAL LOCATION. REFER TO PLUMBING DETAIL SHOWN ON P510.
- 5 REFER TO DOMESTIC WATER SERVICE DIAGRAM ON DWG. P510 FOR PIPE SIZES, PIPING, VALVES, ACCESSORIES, AND PIPING ARRANGEMENTS.
- 6 DOUBLE CHECK VALVE ASSEMBLY SHALL BE ZURN MODEL 350 (OR APPROVED EQUAL).
- 7 REFER TO ELECTRIC WATER HEATER WITH RECIRC PUMP DETAIL ON DWG P510 FOR PIPE SIZES, PIPING, AND VALVE ARRANGEMENTS, ACCESSORIES, AND ASSOCIATED EQUIPMENTS.
- 8 TOTAL NEW GAS LOAD IS 830,000 BTU/H. THE EXISTING PRESSURE DOWNSTREAM OF GAS REGULATOR AND METER IS 7" W.C.
- 9 PROVIDE GAS CONNECTION TO FIRE PLACE INSERT PER MANUFACTURERS REQUIREMENT.
- 10 PROVIDE VENT FROM THE UTILITY COMPANY'S GAS REGULATOR AND ROUTE THE VENT INSIDE THE BUILDING AND TERMINATE TO THE ROOF WITH TURNED DOWN ELBOW AND INSECT SCREEN.



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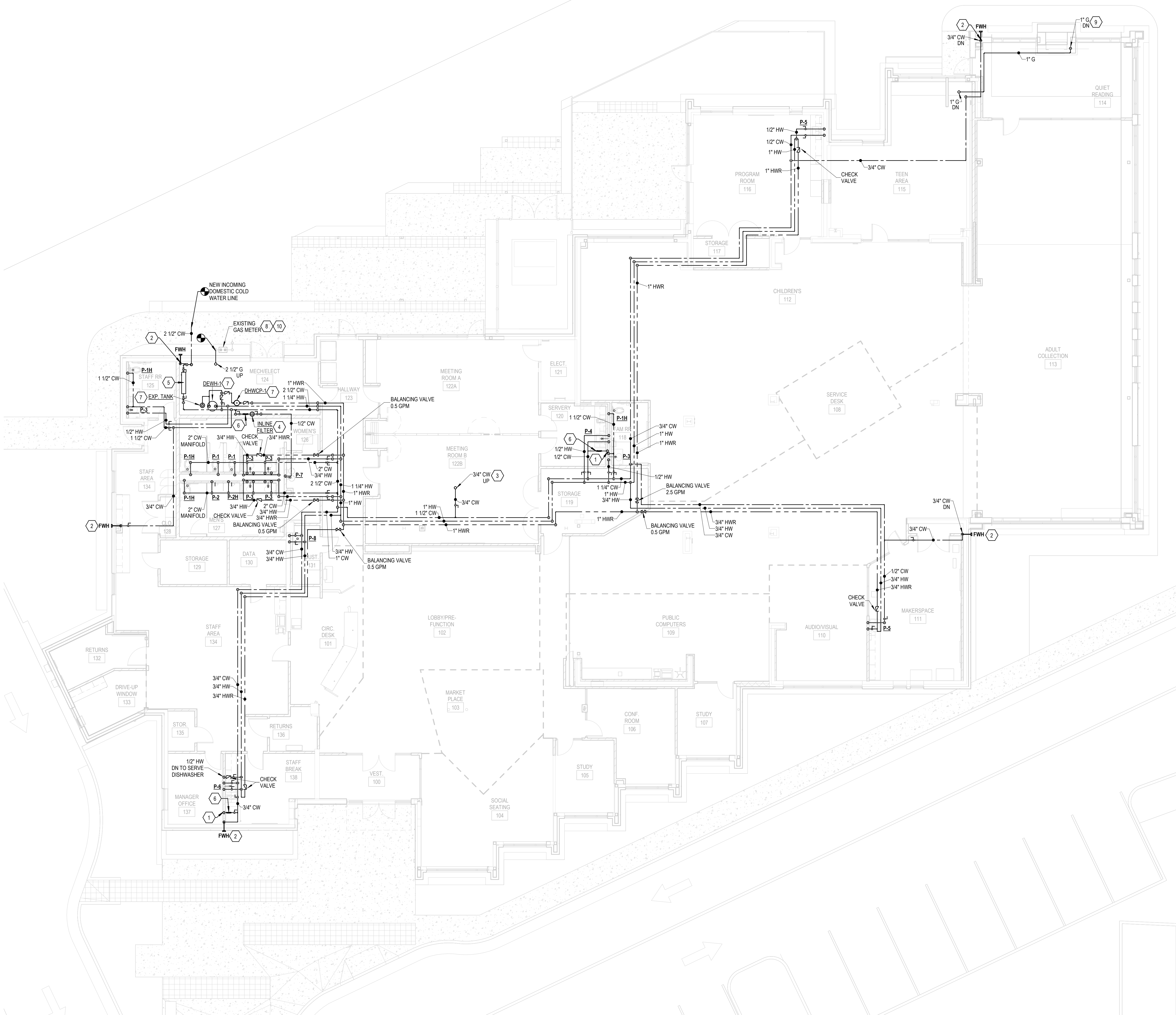
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DOMESTIC
WATER
PLUMBING
PLAN

P1.40

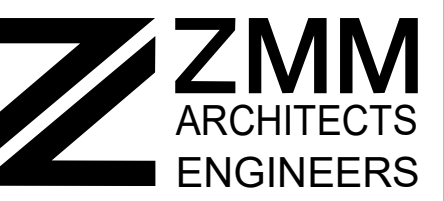
DOMESTIC WATER PLUMBING PLAN

1/8" = 1'-0"



KEYED NOTES

- 1 PROVIDE GAS PIPING CONNECTION PER PLUMBING DETAILS SHOWN ON P510.
- 2 OVERFLOW ROOF DRAIN. REFER TO OVERFLOW ROOF DRAIN DETAIL ON DWG. P510 FOR ADDITIONAL INFORMATION.
- 3 3/4" BRANCH DOMESTIC COLD WATER LINE UP TO FREEZEPROOF WALL HYDRANT INSIDE ENCLOSURE ON ROOF. REFER TO ARCHITECTURAL ROOF DETAILS FOR ADDITIONAL INFORMATION ON ENCLOSURE.



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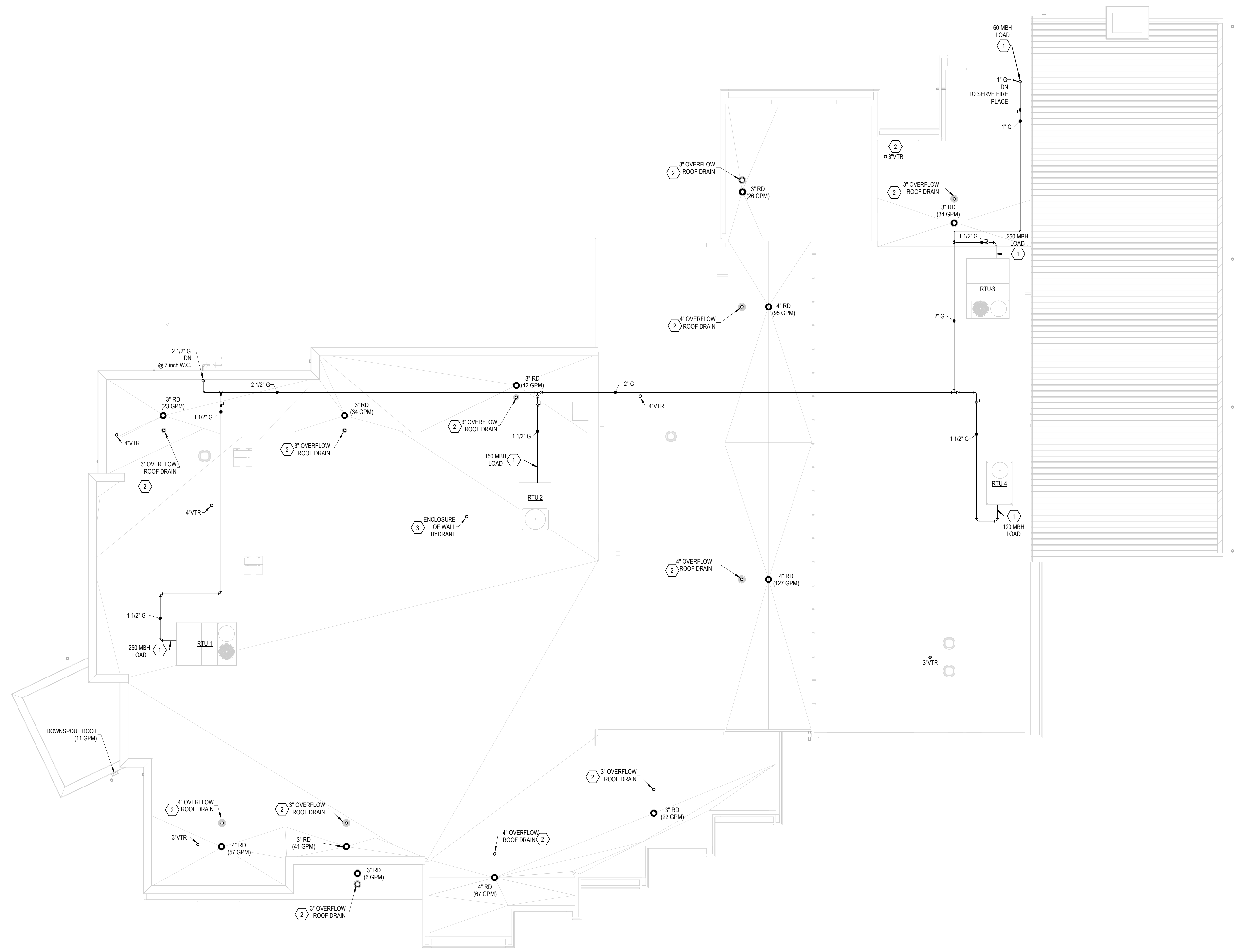
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PLUMBING
ROOF PLAN

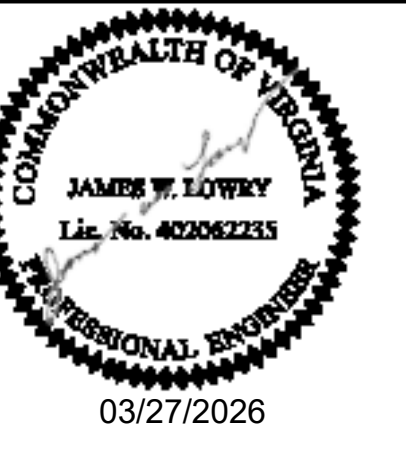
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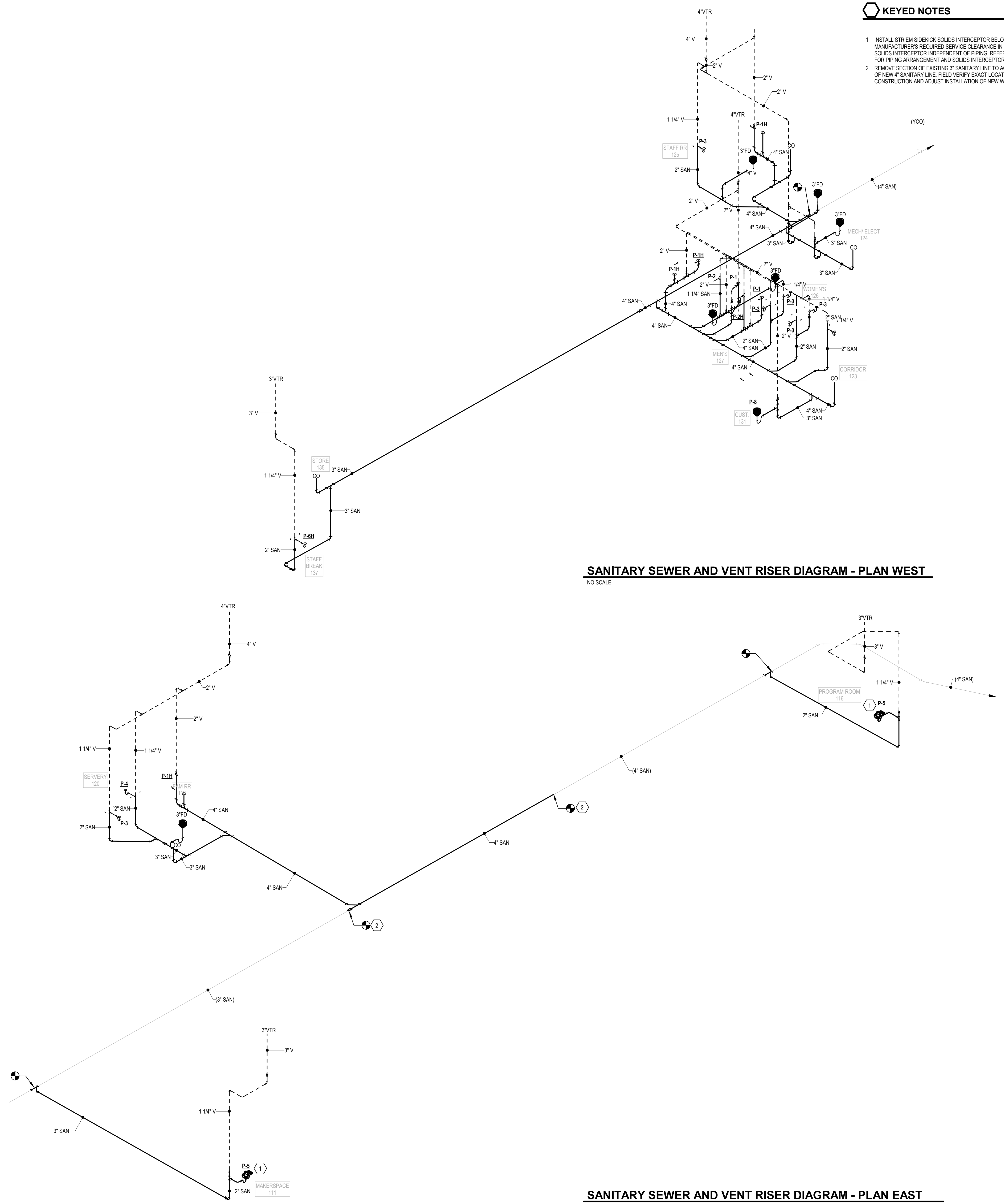


PLUMBING ROOF PLAN
1/8" = 1'-0"



KEYED NOTES

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2. REMOVE SECTION OF EXISTING 3" SANITARY LINE TO ACCOMMODATE INSTALLATION OF NEW 4" SANITARY LINE. FIELD VERIFY EXACT LOCATION AND INVERT PRIOR TO CONSTRUCTION AND ADJUST INSTALLATION OF NEW WORK ACCORDINGLY.



SANITARY SEWER AND VENT RISER DIAGRAM - PLAN WEST
NO SCALE

SANITARY SEWER AND VENT RISER DIAGRAM - PLAN EAST
NO SCALE

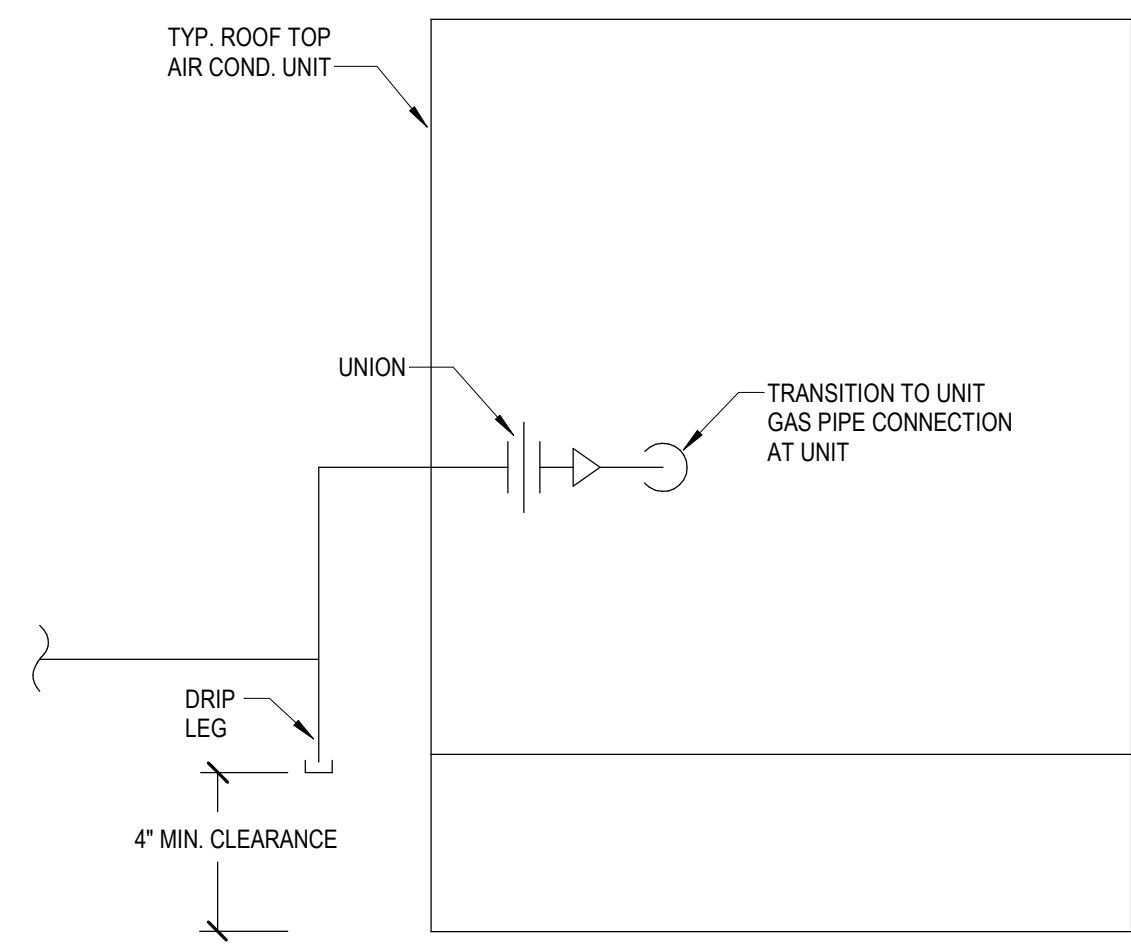
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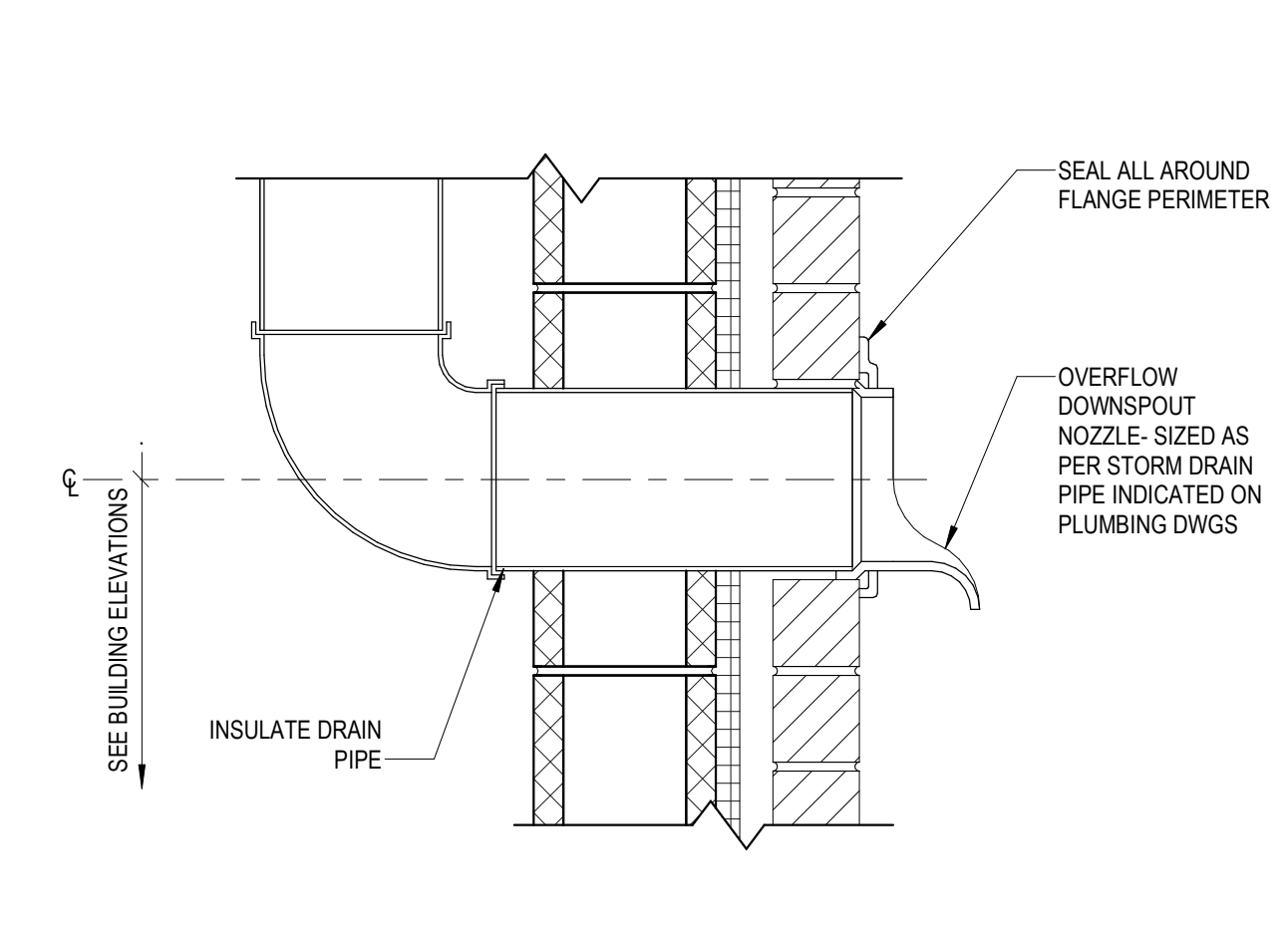
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SCALE:

RISER
DIAGRAMS

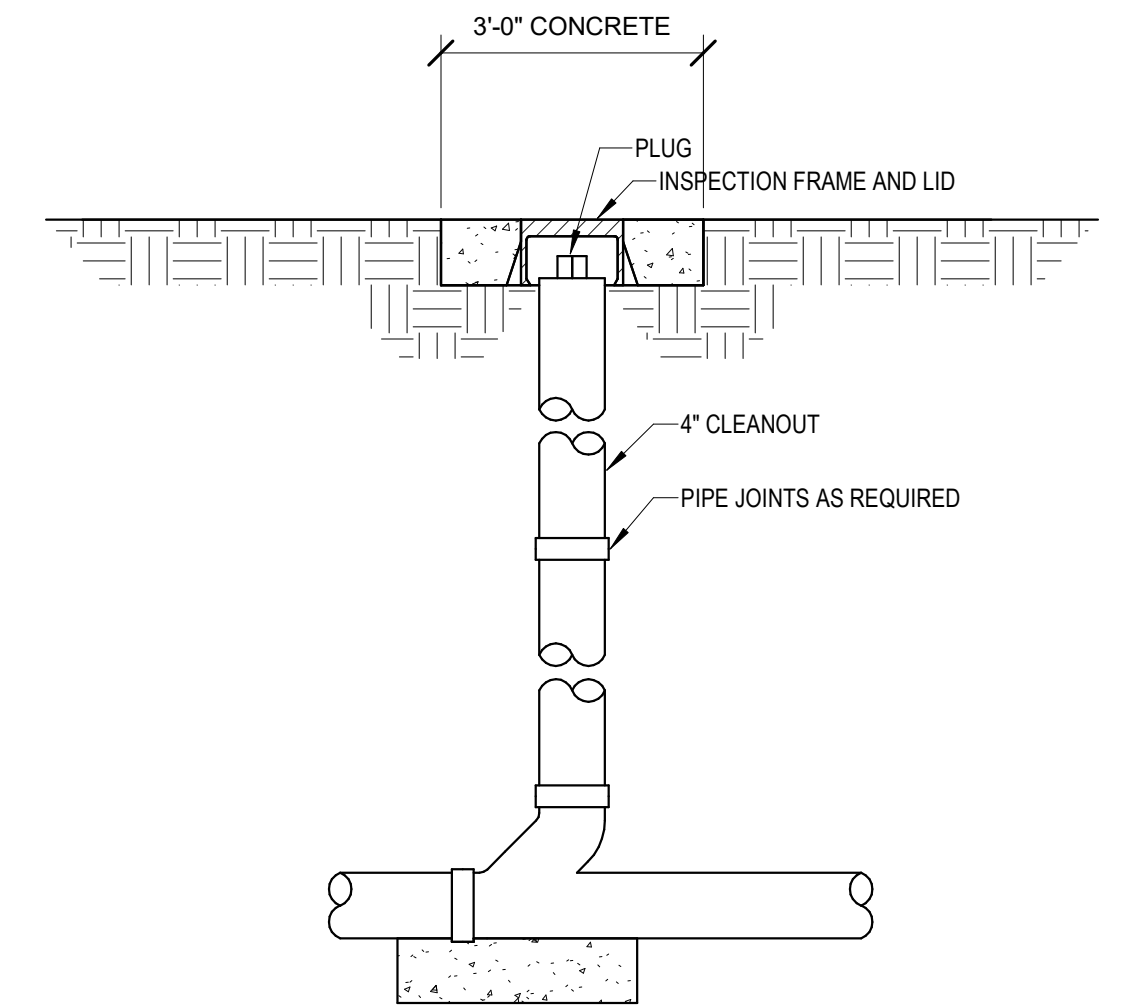
P4.40



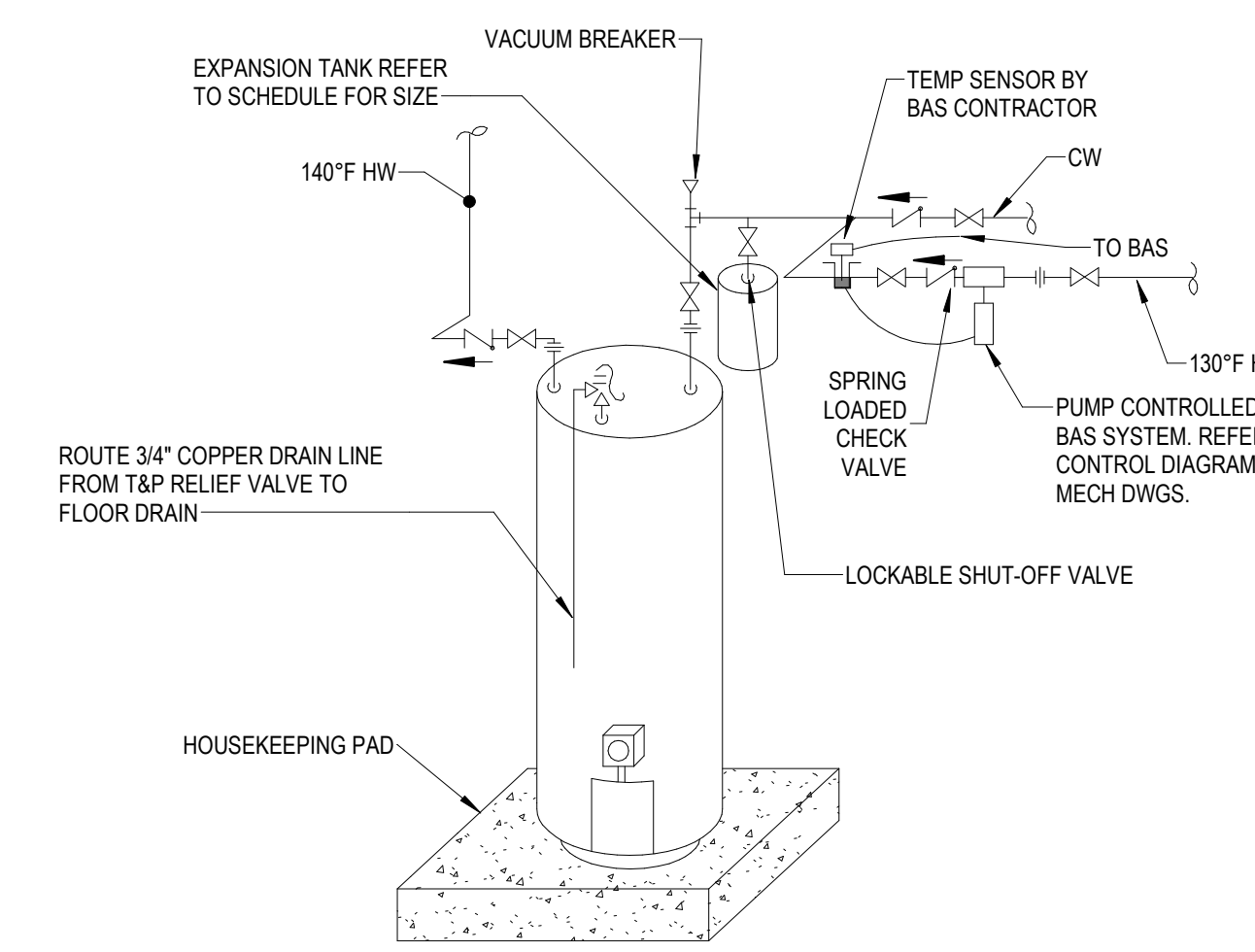
10 TYPICAL GAS PIPING CONNECTION DETAIL FOR ROOF TOP EQPT.
NO SCALE



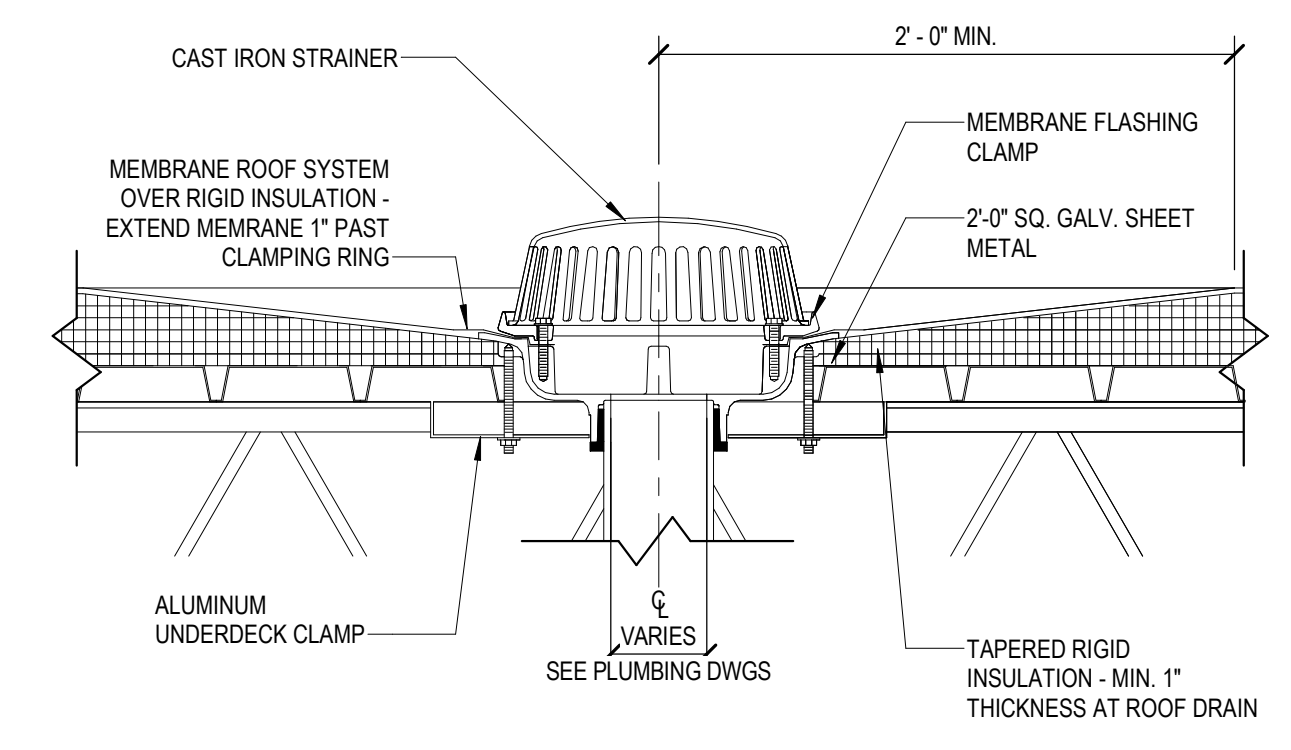
5 DOWNSPOUT NOZZLE DETAIL
NO SCALE



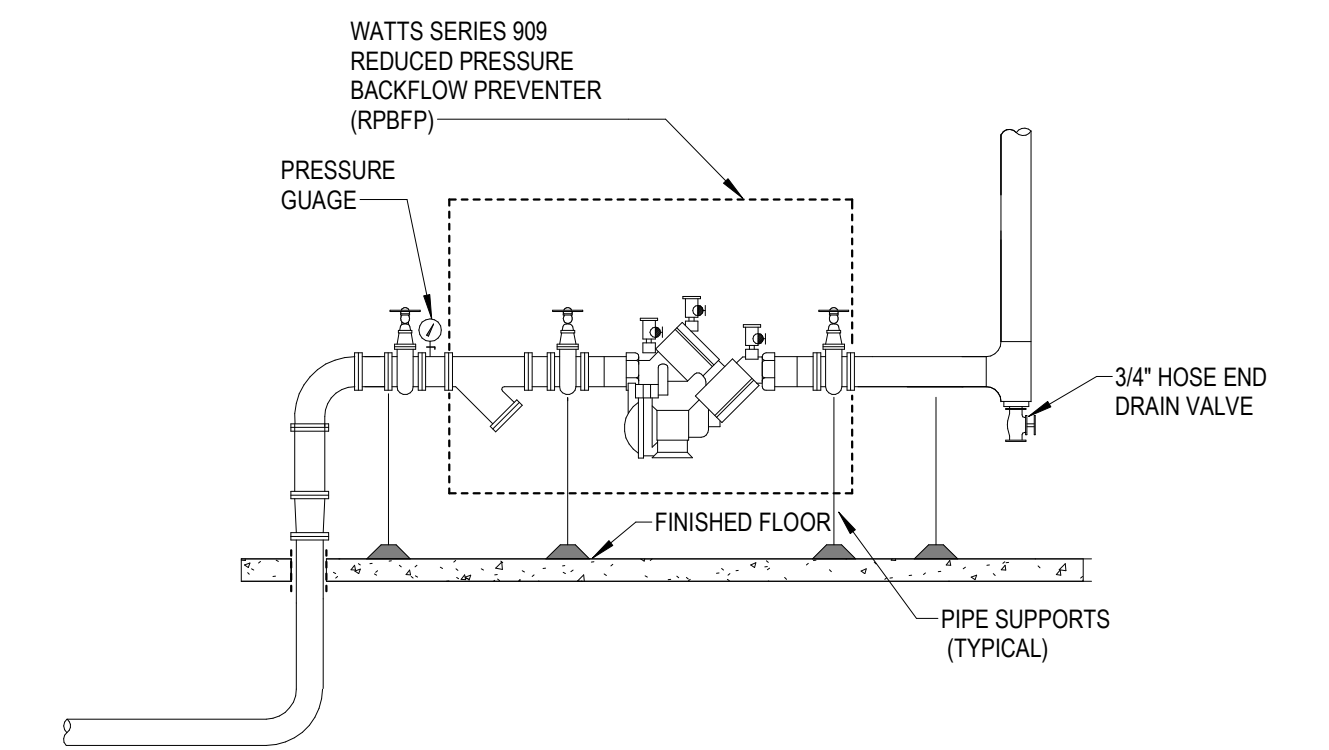
1 TYPICAL YARD CLEAN OUT DETAIL
NO SCALE



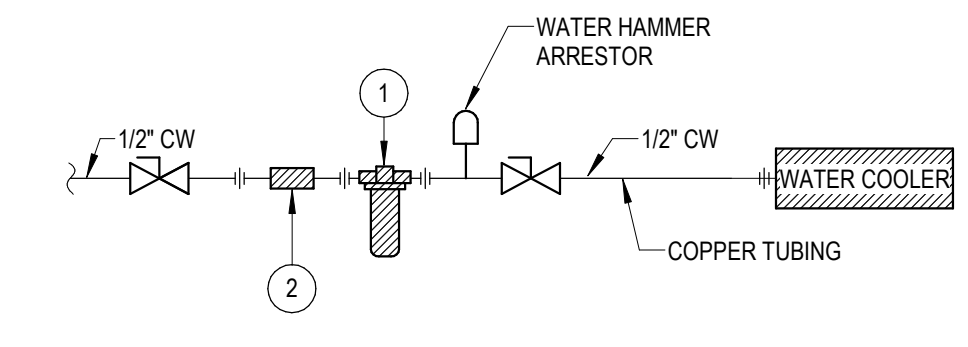
11 ELECTRIC WATER HEATER WITH RECIRC PUMP
NO SCALE



6 ROOF DRAIN
NO SCALE



2 DOMESTIC WATER SERVICE DIAGRAM
3/4\"/>



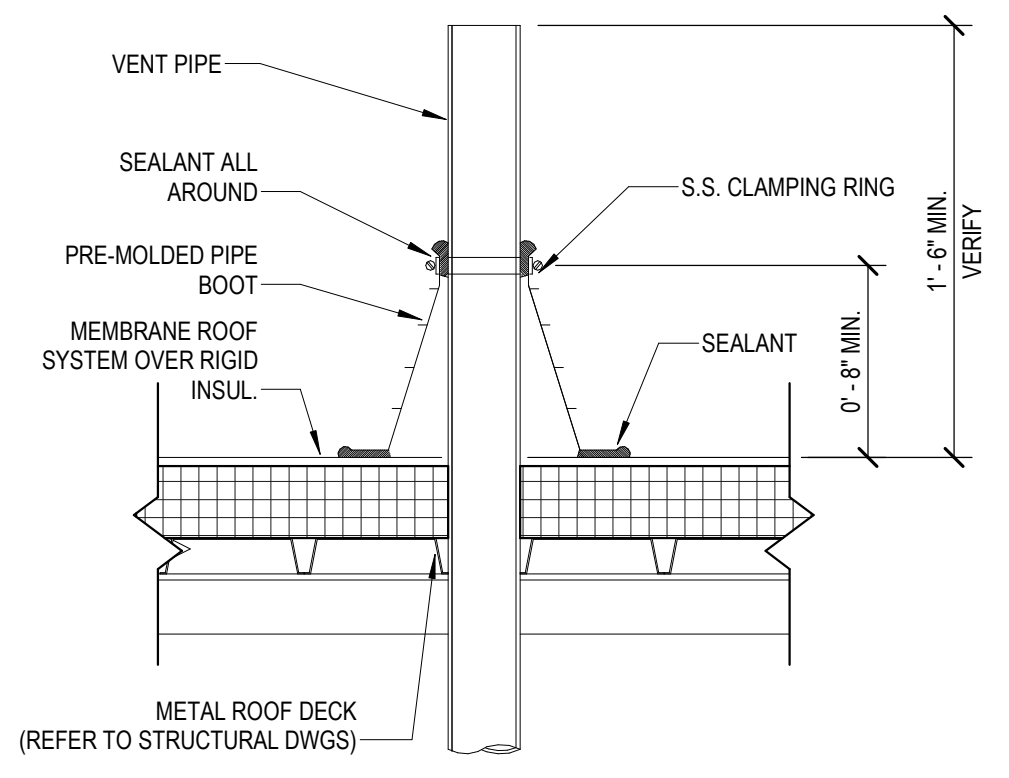
LEGEND:

- AQUA-PURE SINGLE CARTRIDGE FILTER MODEL SST14 WITH STAINLESS STEEL HOUSING W/ BRASS HEAD, CARBON TYPE 1-50 MICRONS CARTRIDGE FILTER. INSTALL IN ACCESSIBLE LOCATION OR APPROVED EQUAL.
- ZURN MODEL 350 DOUBLE CHECK ASSEMBLY

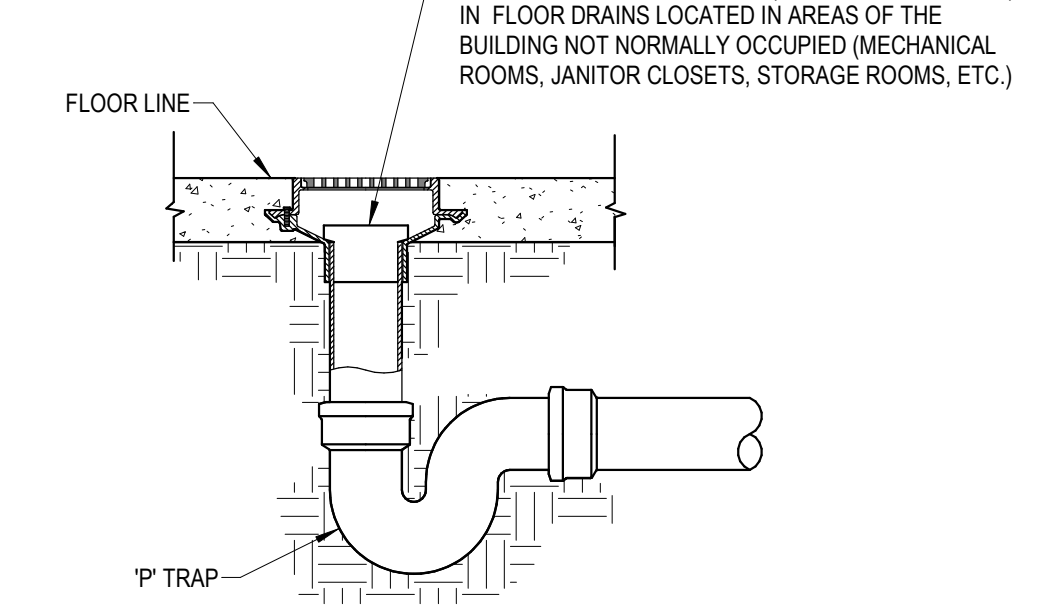
NOTES:

- COORDINATE ALL FINAL APPLIANCE SCHEDULE TYPE AND LOCATION WITH ARCHITECTURAL DRAWINGS.

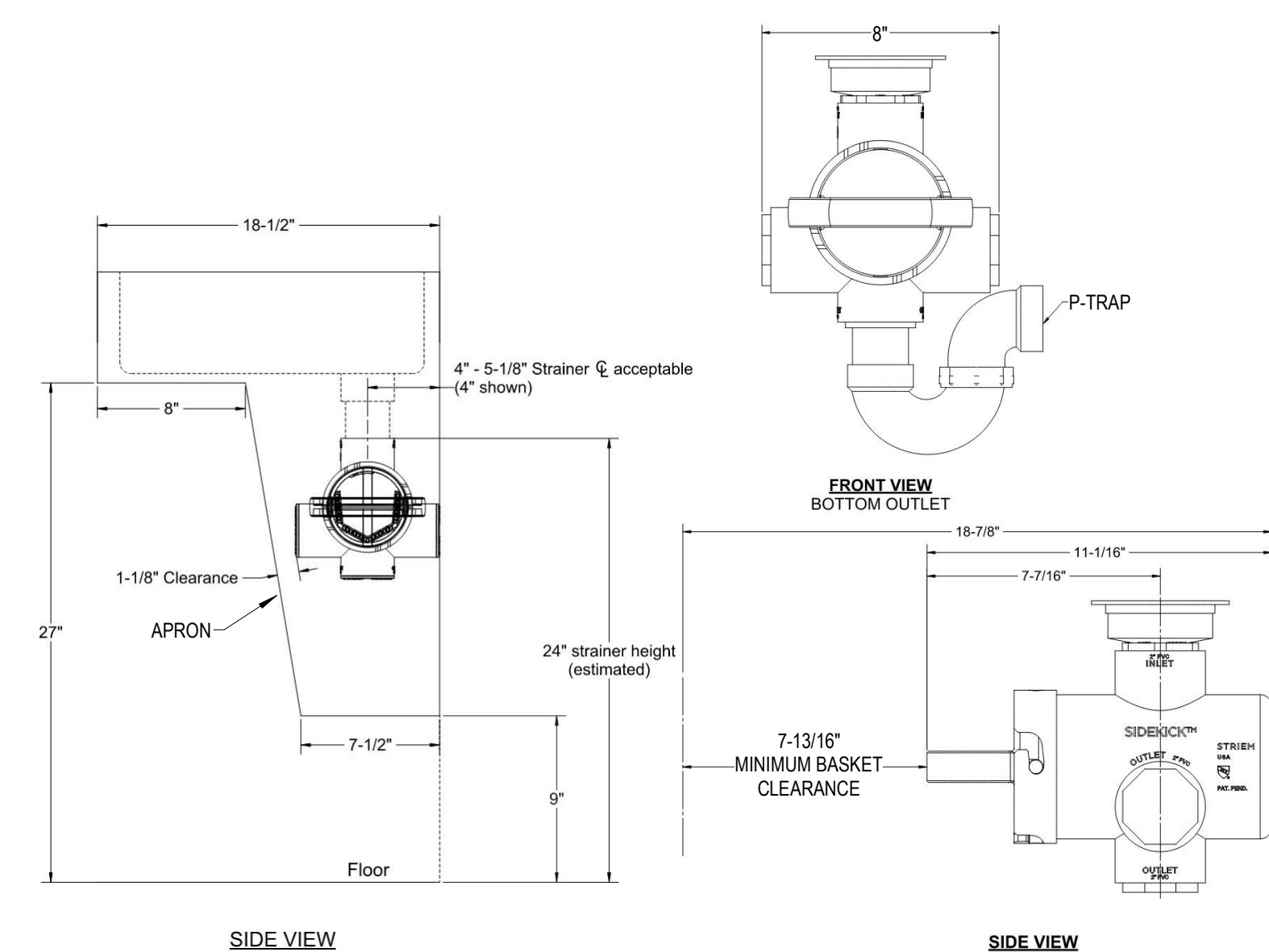
12 WATER FILTER/ APPLIANCE
NO SCALE



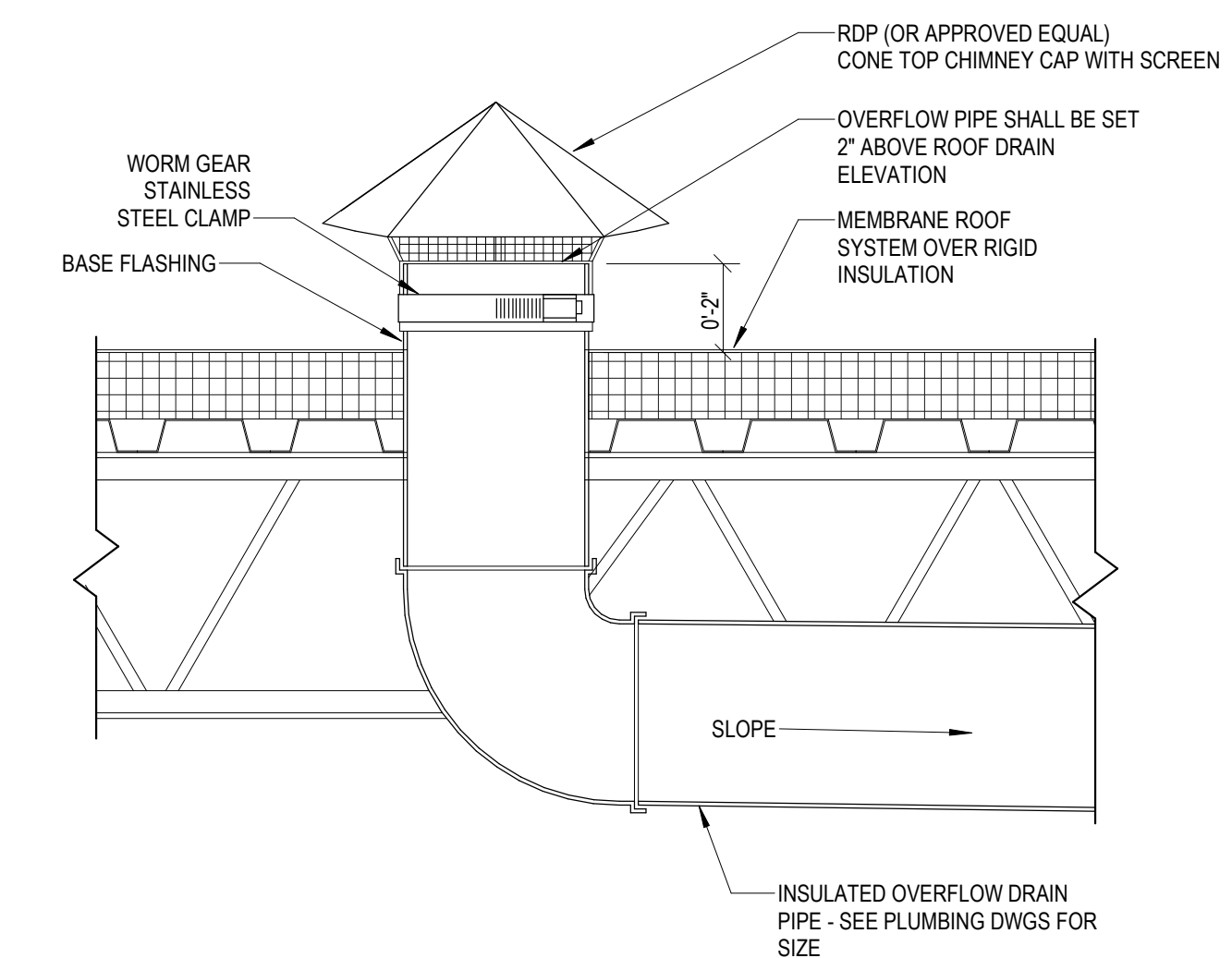
7 ROOF VENT
NO SCALE



3 TYPICAL FLOOR DRAIN DETAIL
NO SCALE



8 SOLIDS INTERCEPTOR UNDER SINK DETAIL
NO SCALE



4 OVERFLOW ROOF DRAIN DETAIL
NO SCALE

#	DATE	DESCRIPTION
1	3/27/2026	BID / PERMIT