

PLUMBING EQUIPMENT CONNECTION SCHEDULE (BJS WHOLESALE CLUB)														
ITEM NO.	DESCRIPTION	MANUFACTURER	MODEL	SUPPLIED	ROUGH IN	FINAL CONNECTION	TRIM BY	SEWER	TRAP	VENT	CW	HW	GAS	PLUMBING REMARKS
C1	OVEN	HARDT	INFERNO 3500	Bjs	PC	PC	PC	IW	--	--	--	1/2"	1"	
D4	HAND SINK	WIN-HOLT	WHWS140KV/2SS-BJKT	Bjs	PC	PC	PC	2"	1-1/2"	1-1/4"	1/2"	1/2"	--	WITH SIDE SPLASH EACH SIDE PROVIDE AND INSTALL THERMOSTATIC MIXING VALVE.
D6	1-COMPARTMENT SINK	WIN-HOLT	WS1161R1 or LD1814DP-BJKT	Bjs	PC	PC	PC	IW	--	--	1/2"	1/2"	--	SINGLE DRAIN BOARD, SEE PLAN FOR LEFT OR RIGHT IDENTITY

PLUMBING FIXTURE/EQUIPMENT SCHEDULE						
FIXTURE	MFR & MODEL	DRAIN	VENT	C.W.	H.W.	SPECIFICATIONS
FS4 FLOOR SINK	J.R. SMITH 3161-12	4"	1-1/2"	--	--	CAST IRON FLANGED RECEPTOR WITH ACID RESISTANT COATED INTERIOR AND NICKEL BRONZE RIM, WITH SEDIMENT BUCKET AND 1/2 GRATE.
FD4 FLOOR DRAIN	J.R. SMITH 2340	4"	2"	--	--	HEAVY DUTY TRACTOR GRATE FLOOR DRAIN WITH DUCTILE IRON GRATE WINIKEL BRONZE VENEER W/AJUSTABLE TOP, SEDIMENT BUCKET, PROVIDE WITH PRO-SET TRAP GUARD 1033
G1 GREASE TRAP	J.R. SMITH 8215	4"	3"	--	--	STEEL INTERCEPTOR, GRAY DUCCO COATING INSIDE AND OUTSIDE, 2 MINUTE FLOW CONTROL FITTING, 30 GPM W/30 LBS GREASE HOLDING CAPACITY, MOUNTED IN FLOOR, PDI-G101 CERTIFIED. CONTRACTOR TO DETERMINE EXTENSION HEIGHT PER UNIT LOCATION FOR REG'D INVERT.

NOTES:  
1. ALL FIXTURES, EQUIPMENT, TRIM, FITTINGS, ETC. SHALL COMPLY WITH LOCAL, STATE AND/OR FEDERAL REGULATIONS AND CODES, INCLUDING BUT NOT LIMITED TO WATER AND ENERGY CONSERVATION CODES, AND THE AMERICANS WITH DISABILITIES ACT (ADA). THE SCHEDULE REFLECTS FIXTURES AND EQUIPMENT WHICH ARE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR CONTRACTORS BASE BID. WHERE SPECIFIED FIXTURES AND/OR EQUIPMENT ARE NOT IN COMPLIANCE WITH GOVERNING CODES AND REGULATIONS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR THE SUBSTITUTIONS OF COMPLYING FIXTURES, EQUIPMENT, FITTINGS, ETC. THE ABSENCE OF AN ALTERNATE BID SHALL BE CONSTRUED TO MEAN THAT THE CONTRACTORS BASE BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS AND CODES.  
2. ALL FIXTURES MUST BE CAULKED PER HEALTH DEPARTMENT REQUIREMENTS.

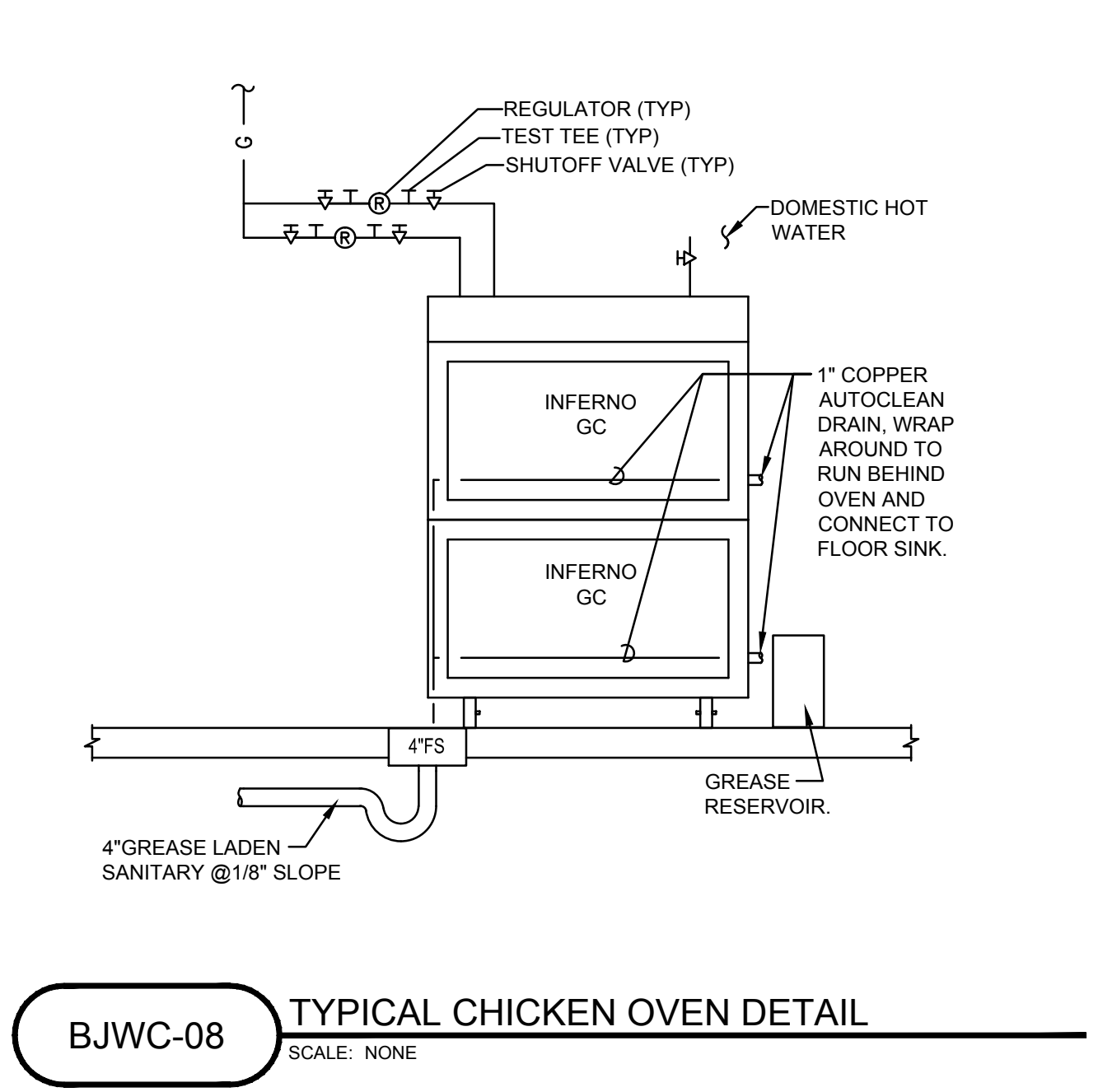
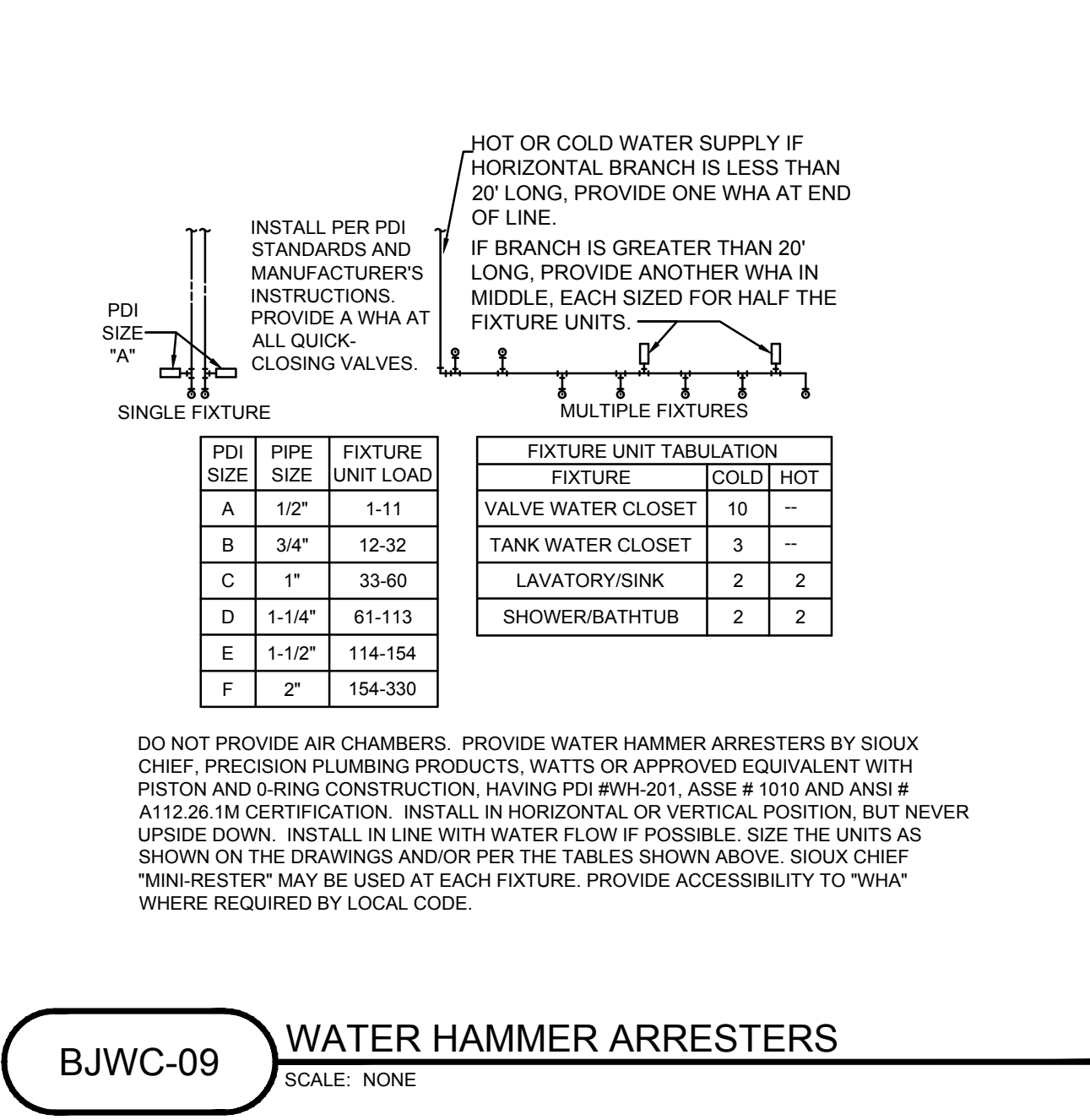
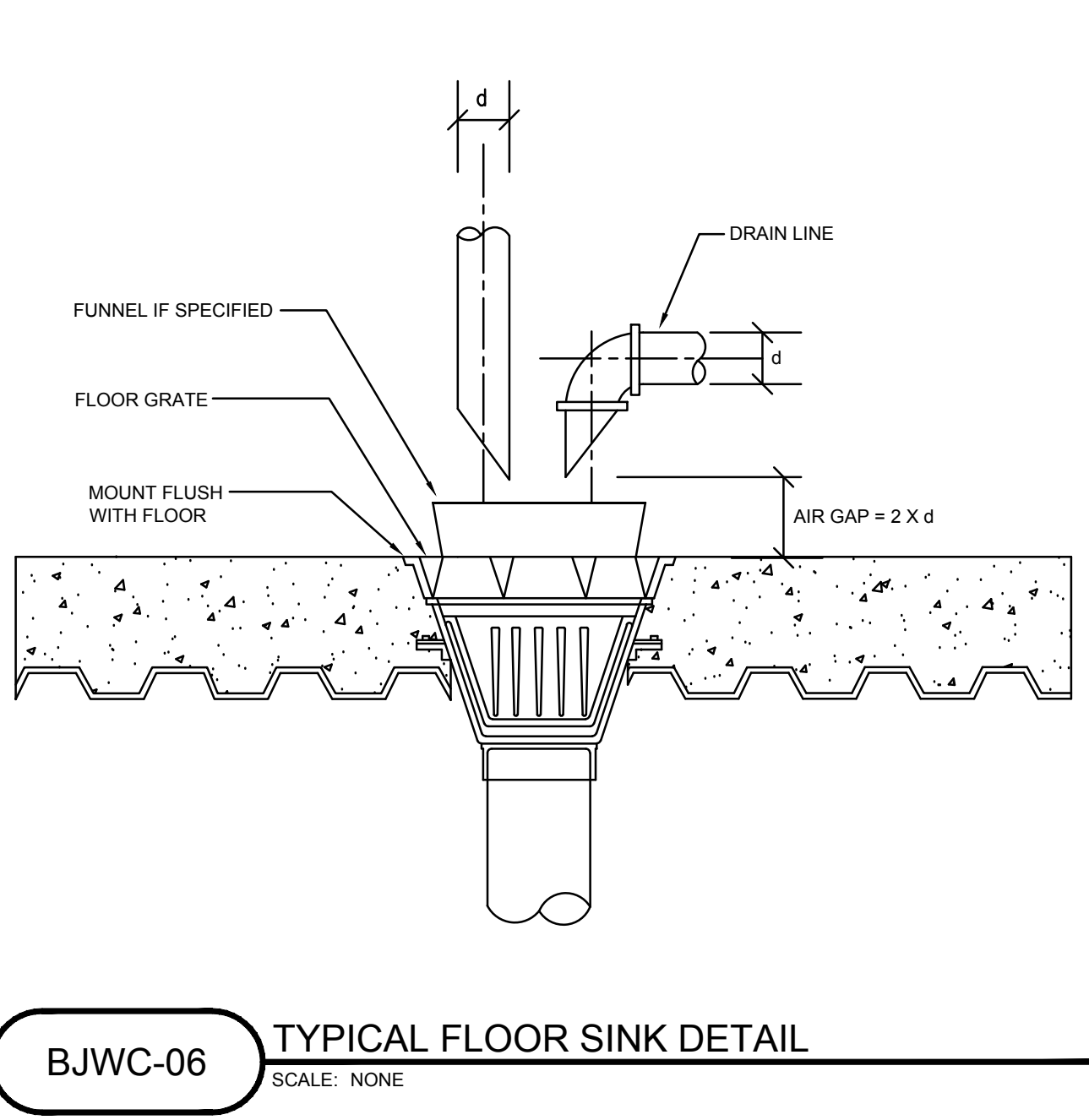
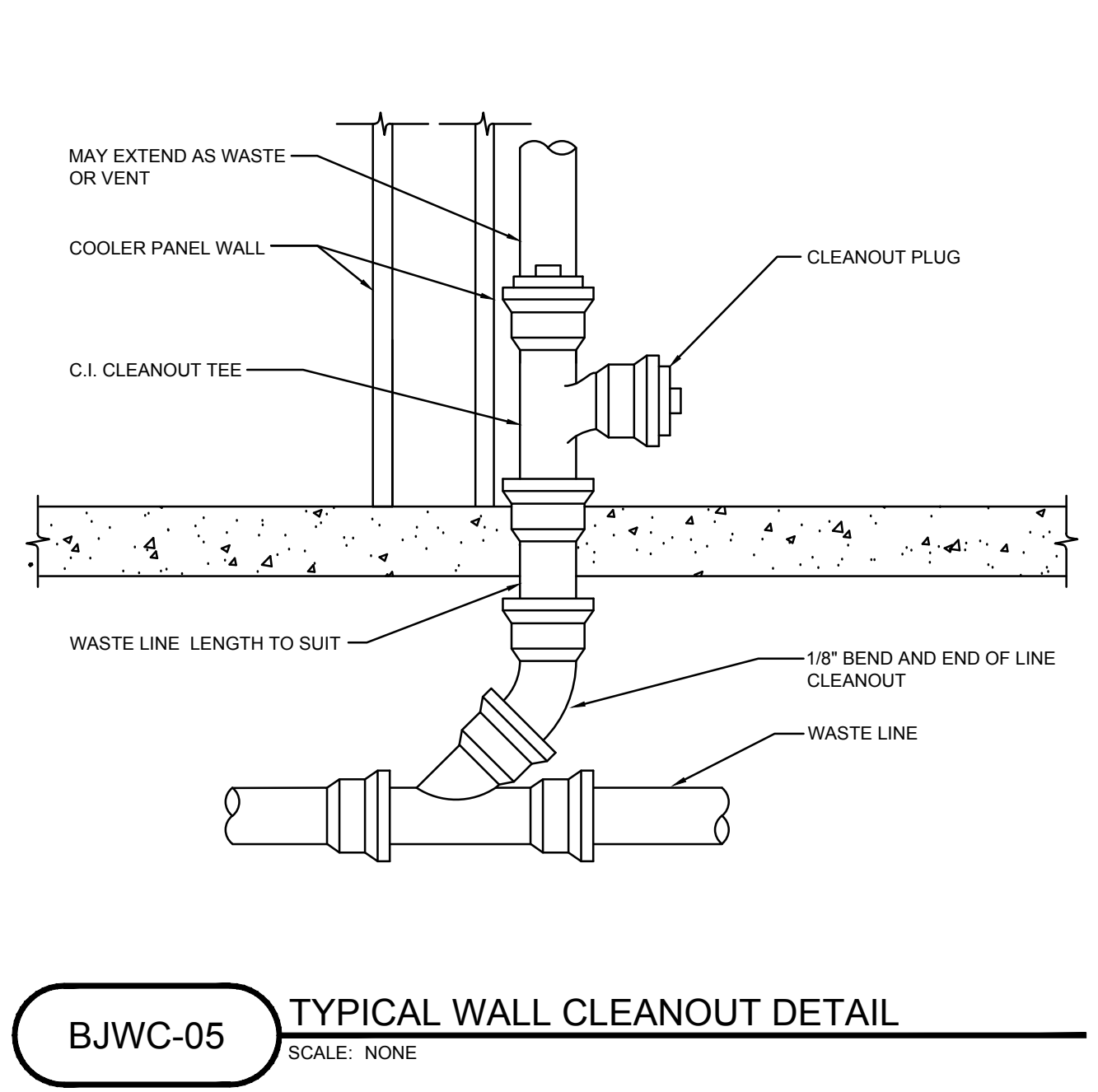
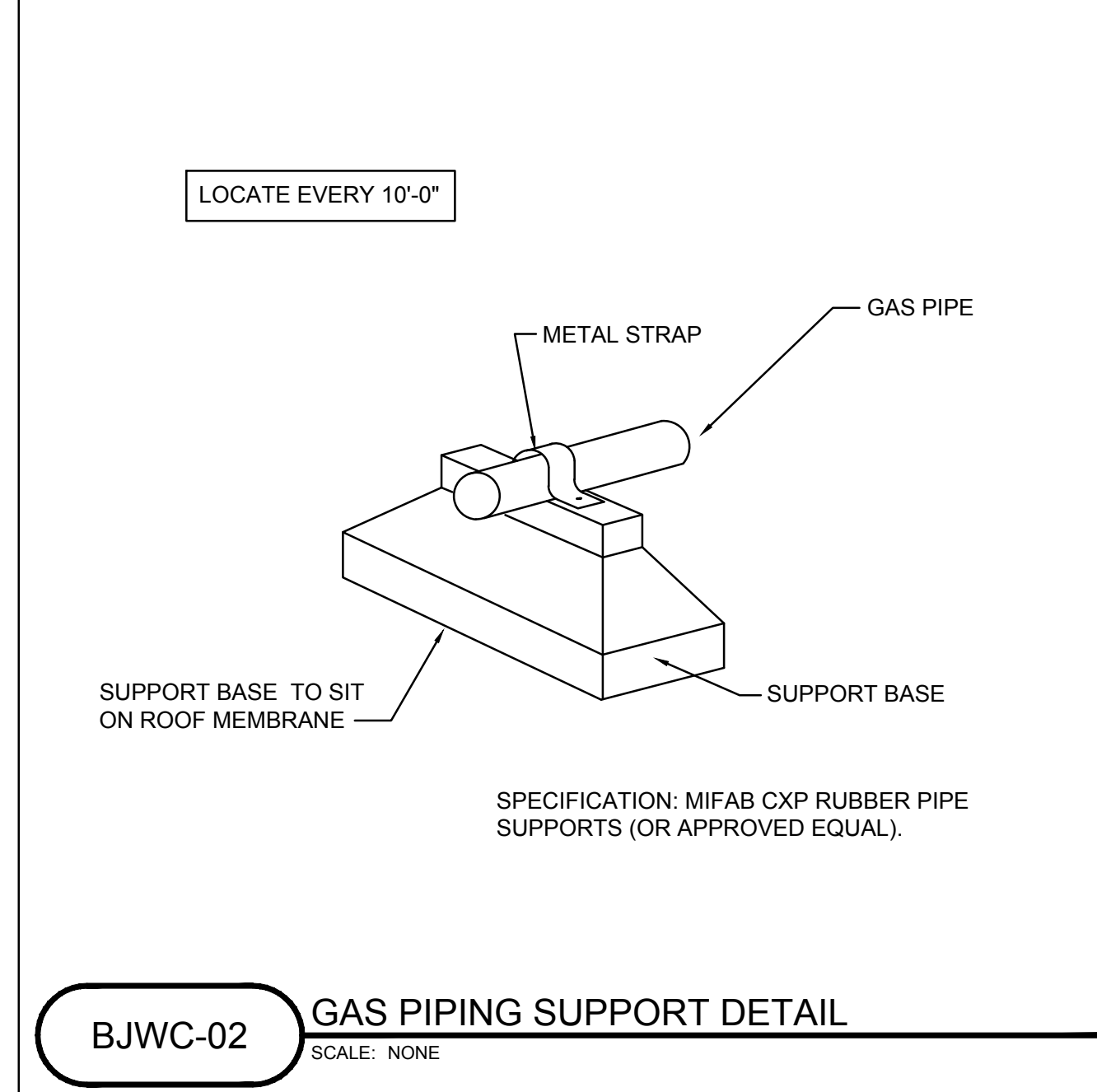
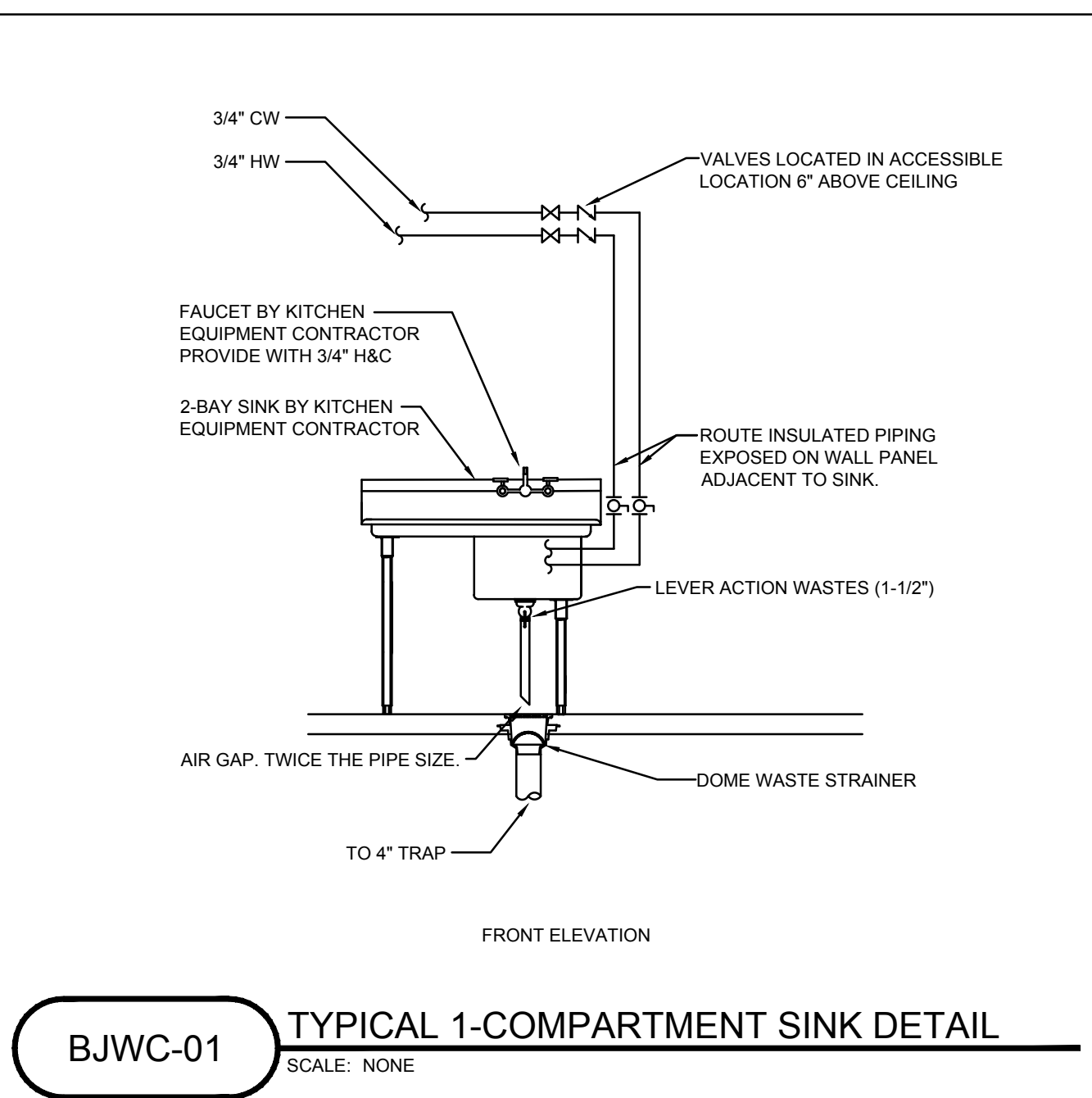
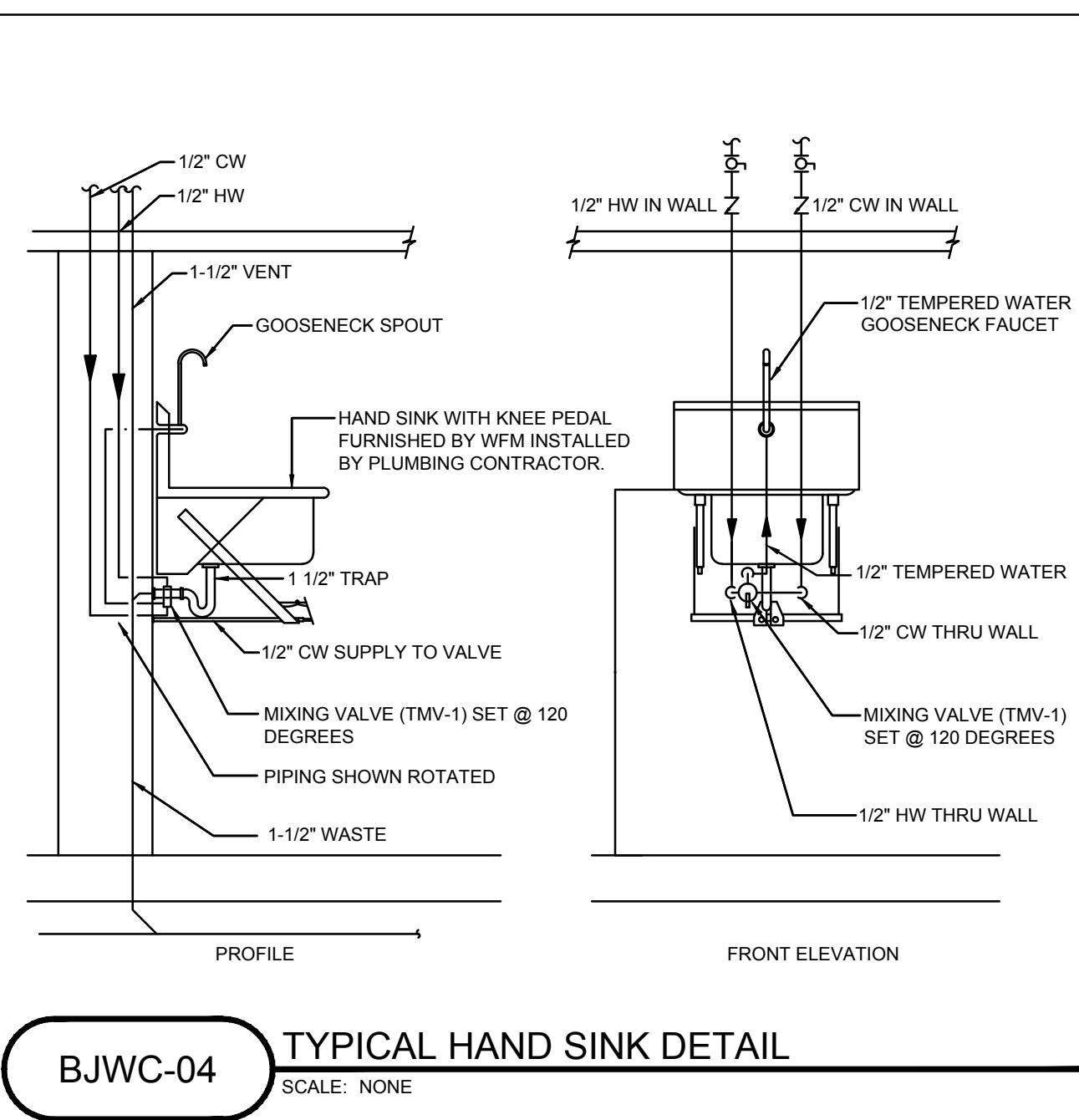
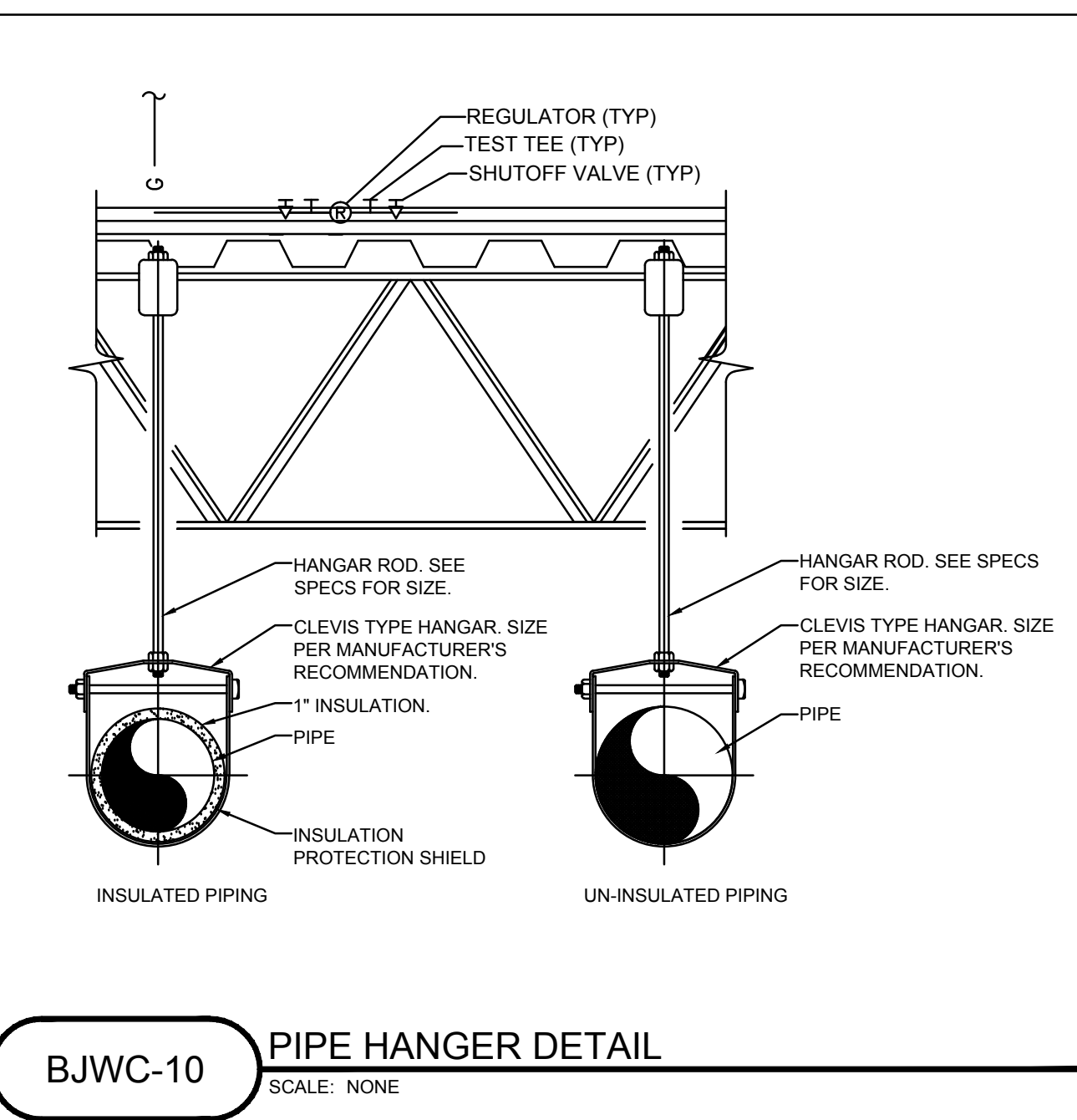
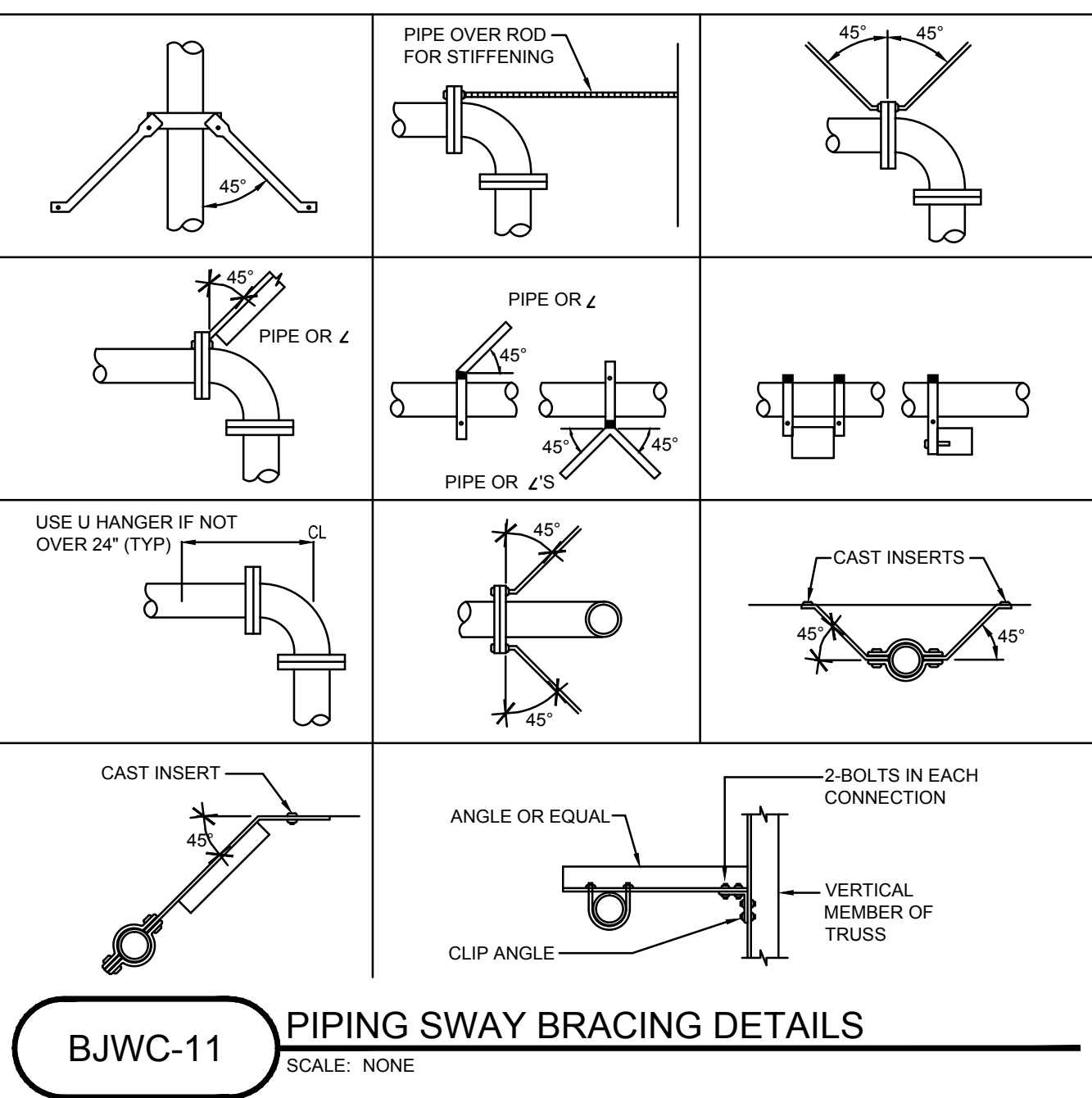
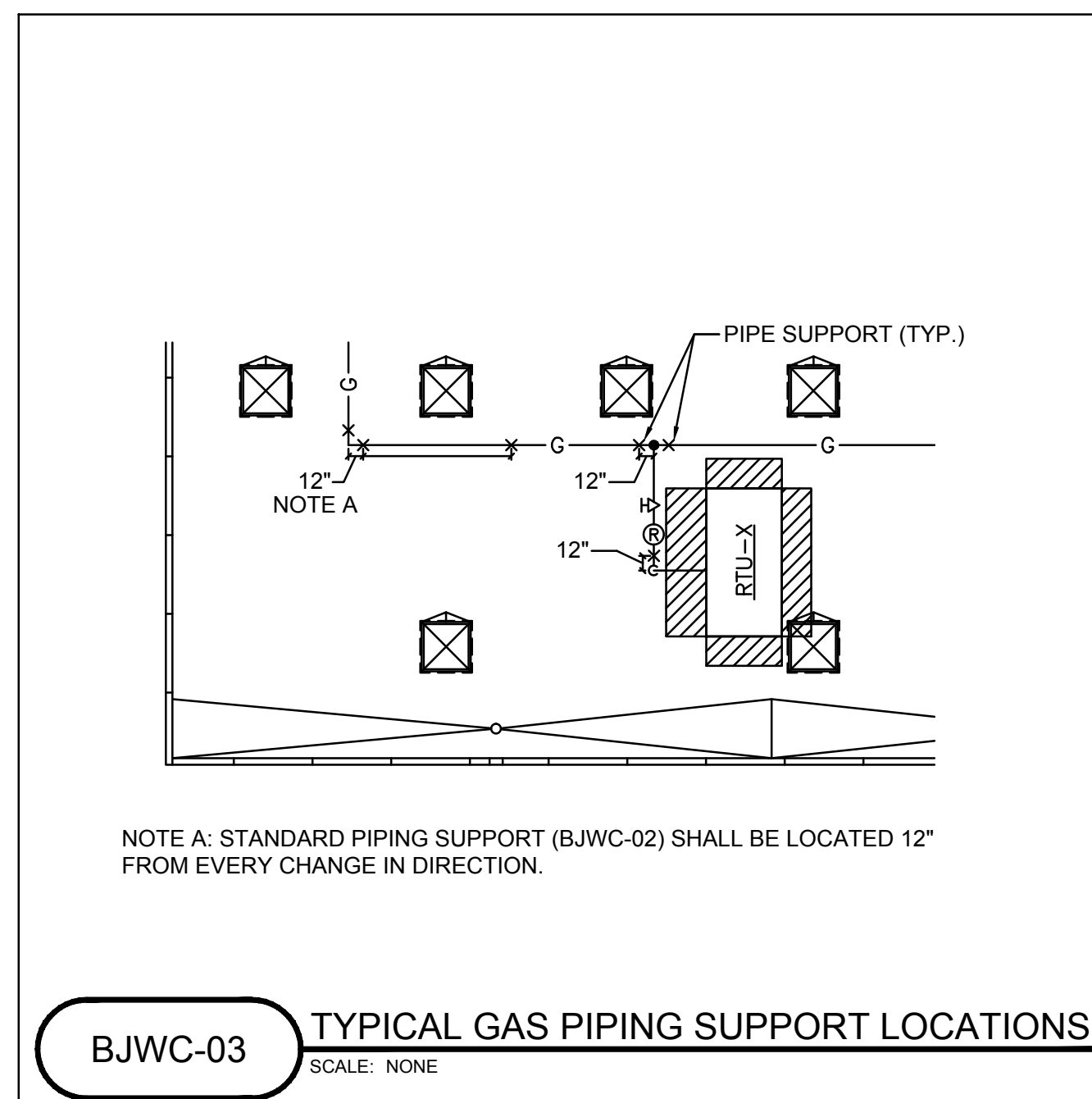
PLUMBING LEGEND	
-----	BOLD HIDDEN LINE INDICATES NEW UNDERGROUND PIPING ON NEW PLAN AND WORK TO BE REMOVED ON DEMOLITION PLAN. FADED HIDDEN LINE INDICATES EXISTING UNDERGROUND PIPING TO REMAIN ON NEW AND DEMOLITION PLANS
-----S	SANITARY/WASTE PIPING, S, W
-----FD	DEDICATED FLOOR DRAIN PIPING, FD
-----HD	DEDICATED HUB DRAIN (CONDENSATE) PIPING, HD
-----GW	GREASE WASTE DRAIN PIPING, GW
-----V	VENT, V
-----FW	FILTERED WATER PIPING, FW
-----RO	REVERSE OSMOSIS WATER, RO
-----CW	COLD WATER PIPING, CW
-----HW	HOT WATER PIPING, HW
-----HWR	HOT WATER RETURN PIPING, HWR
-----ST	STORM PIPING
-----G	GAS PIPE, G
-----	FADED LINE INDICATES EXISTING WORK TO REMAIN OR WORK BY OTHERS
-----	SHUT-OFF BALL VALVE
-----	CHECK VALVE, BACKFLOW PREVENTION DEVICE
-----	RISER NUMBER
-----VTR	VENT THRU ROOF
-----I.E.	INVERT ELEVATION
-----RD	ROOF DRAIN
-----OD	OVERFLOW DRAIN
-----DS	DOWNSPOUT
-----PC	PLUMBING CONTRACTOR
-----F.F.E.	FINISHED FLOOR ELEVATION
-----	SPRINKLER O&B VALVE WITH TAMPER SWITCH, ALARM CHECK VALVE WITH FLOW SWITCH
-----FDC	FIRE DEPARTMENT CONNECTION

- GENERAL NOTES:**
- THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT. APPURTENANCES AND CONTROLS COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED TO. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, LOCAL AUTHORITIES AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. THE WORD "PROVIDE" SHALL MEAN FURNISH AND INSTALL. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
  - ANY CONFLICTS OF WORK SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION BY THE PLUMBING CONTRACTOR PRIOR TO PURCHASE OF EQUIPMENT OR COMMENCEMENT OF WORK.
  - COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC. TO AVOID INTERFERENCE WITH EQUIPMENT, PIPING, DUCT WORK, LIGHTS, CONDUIT, STRUCTURAL MEMBERS, ETC. ALL INVERTS SHALL BE VERIFIED IMMEDIATELY FOLLOWING AWARD OF CONTRACT. ALL INVERTS SHALL BE COORDINATED WITH STRUCTURAL FOOTINGS. SEE NOTE 9.
  - COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. COORDINATE THE EXACT SIZE AND LOCATION OF ALL SLEEVES WITH STRUCTURAL ENGINEER. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
  - PROVIDE ACCESS PANELS FOR SHOCK ABSORBERS, TRAP PRIMERS AND ALL VALVES LOCATED ABOVE NON-ACCESSIBLE CEILING AND INSIDE PIPE CHASES. EXACT LOCATION MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
  - ALL DRAINAGE PIPING AND POTABLE WATER PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASES OR ABOVE CEILING AS HIGH AS POSSIBLE. EXPECT AT COOLER PANEL WALLS. PIPE MUST NOT BE VISIBLE TO CUSTOMERS.
  - ALL SANITARY WASTE PIPING GREATER THAN 2" DIA. SHALL SLOPE AT 1/8 INCH PER FOOT UNLESS OTHERWISE NOTED. ALL SANITARY 2" OR LESS SHALL SLOPE AT 1/4 INCH PER FOOT UNLESS OTHERWISE NOTED.
  - REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION OF ALL PLUMBING FIXTURES. EXACT LOCATION OF ALL PLUMBING FIXTURES MUST BE VERIFIED IN FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
  - PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTION TO ALL EQUIPMENT INDICATED ON DRAWINGS. FINAL CONNECTION SHALL INCLUDE ANY ADAPTERS, NIPPLES SHUT-OFF VALVES, PRESSURE REGULATING VALVES, SHOCK ABSORBERS, BACKFLOW PREVENTION DEVICES, ETC.
  - DO NOT RUN PLUMBING PIPING THROUGH TRANSFORMER VAULTS, ELECTRICAL CLOSETS, ELECTRICAL SWITCHGEAR ROOMS, ELEVATOR EQUIPMENT ROOMS, COMPUTER ROOMS OR TELEPHONE ROOMS.
  - PROVIDE BASE CLEANOUT AT LOWEST FLOOR LEVEL OF ALL SANITARY STACKS, AND WASTE STACKS. EXACT LOCATION OF ALL CLEANOUTS MUST BE COORDINATED AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
  - PROVIDE A BACKFLOW PREVENTION DEVICE AT ALL CONNECTIONS TO CHEMICAL STATIONS @ SINKS AS REQUIRED BY CODE AND LOCAL AUTHORITIES. CONTRACTOR IS TO VERIFY WITH THE LOCAL AUTHORITY THE TYPE OF BACKFLOW PREVENTION DEVICE REQUIRED FOR ALL APPLICATIONS PRIOR TO INSTALLATION.
  - PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS SUBJECT TO EVAPORATION LOSS.
  - ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKOUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD BY THE CONTRACTOR IN RELATION TO THE REQUIREMENTS OF FINAL EQUIPMENT AND FIXTURES SELECTED.
  - COORDINATE ALL FLOOR SINK GRATE ORIENTATIONS AND REQUIRED OPEN SPACES (1/2 GRATE, 12" INCH GRATE, ETC.).
  - PROVIDE AN EXPANSION JOINT OR FABRICATED EXPANSION LOOP ON ALL PIPING SYSTEMS THAT CROSS BUILDING EXPANSION JOINTS.
  - THE USE OF RISER CLAMPS TO SUPPORT VERTICAL PIPE ALONG WALLS, OR COLUMNS IS PROHIBITED. PROVIDE B-LINE 22 STRUT & B-2000 PIPE CLAMPS ON 8'-0" CENTERS & SUPPORT ALL PIPE RISERS AT BASE OF RISER.
  - PLUMBING CONTRACTOR SHALL VERIFY VOLTAGE, PHASE AND WIRE SIZE OF PLUMBING EQUIPMENT REQUIRING ELECTRICAL CONNECTION WITH ELECTRICAL CONTRACTOR PRIOR TO PURCHASE OF EQUIPMENT.
  - SANITARY VENTS MUST TERMINATE A MINIMUM OF 10 FT. FROM OR 2 FT. ABOVE AIR INTAKES, WINDOWS OR VENT SHAFTS.
  - INDIRECT WASTE RECEPTORS MUST BE LOCATED WHERE READILY ACCESSIBLE FOR INSPECTION AND CLEANING.
  - ALL INDIRECT WASTE PIPING SHALL DISCHARGE THROUGH AN AIR GAP OR AIR BREAK INTO A WASTE RECEPTOR. ALL INDIRECT WASTE PIPING THAT EXCEEDS TWO (2) FEET IN DEVELOPED LENGTH MEASURED HORIZONTALLY OR FOUR (4) FEET IN TOTAL DEVELOPED LENGTH, SHALL BE TRAPPED.
  - CONTRACTOR SHALL HANG ALL PIPING FROM THE STRUCTURAL MEMBERS (W-SHAPES, BAR JOISTS). PIPING SHALL NOT BE SUPPORTED FROM THE METAL DECK.
  - BOTTOM OF STRUCTURE LIGHTING/OUTWORK/PIPPING IS MIN. 2'-6" AFF THROUGHOUT SALES FLOOR, AND RECEIVING AREA, TYPICAL.

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SHEET TITLE:  
**PLUMBING SCHEDULES, NOTES, LEGENDS AND DETAILS**

SHEET NUMBER:  
**P001**