

PLUMBING FIXTURE SCHEDULE

ITEM	DESCRIPTION	FIXTURE	MATERIAL	TYPE	OPERATOR/FITTING	CARRIER	H.W.	C.W.	WASTE	VENT	REMARKS/ACCESSORIES
FD-1	DESCRIPTION	FLOOR DRAIN	CAST IRON	SQUARE ADJUSTABLE STRAINER	---	---	---	---	4"	2"	DRAINS SHALL HAVE OPTIONS LISTED: (LXH04-P050-B08-U-BHP-NB). SEE NOTE #1.
	MANUFACTURER	JAY R. SMITH	---	#2005Y	---	---	---	---	---	---	---
FS-1	DESCRIPTION	FLOOR SINK	CAST IRON	NICKEL BRONZE SQUARE GRATE	---	---	---	---	4"	2"	---
	MANUFACTURER	JAY R. SMITH	---	#3150Y-C-19	---	---	---	---	---	---	---
RD/ORD	DESCRIPTION	ROOF DRAIN/OVERFLOW	CAST IRON	BI-FUNCTIONAL	---	---	---	---	2" OR 3"	---	DRAINS SHALL HAVE OPTIONS LISTED: (-LP-OFS-DC).
	MANUFACTURER	FROET	---	#100C	---	---	---	---	---	---	SIZES SHALL BE SELECTED BASED ON PIPE SIZES CALLED OUT ON PLANS.

NOTES:
 1. ALL FLOOR DRAINS (FD-1) SHALL HAVE TRAP PRIMERS (-P050 OPTION). AUTOMATIC TRAP PRIMER ON COLD WATER SUPPLY AT NEAREST FIXTURE AND RUN DRAIN TO TRAP SEAL BEING PROTECTED. PROVIDE ACCESS PANEL WHEN PRIMERS ARE INSTALLED IN WALLS. WHERE NO FIXTURE IS AVAILABLE, SEE DETAILS #1, #2, AND #3 ON DRAWING P-3.

DOMESTIC WATER HEATER SCHEDULE

Designation	Capacity (gallons)	Recovery (gal's./hr. @ 100° F. rise)	First Hour Rating (Gallons)	Fuel Data			Physical Data			Controls	Remarks	
				Thermal Efficiency	Type	Input (BTU/Hr.)	Gas Valve	Dia.	Height			Vent Outlet & Inlet
WH-2	100.0	291.0	361.0	96%	Natural Gas	250,000	3/4"	27 3/4"	76"	4"	Built-in Adjustable Thermostat	1, 2, 3, 4, 5, & 6

NOTES:
 1. WATER HEATER SELECTION BASED ON: AO SMITH CYCLONE BTH-250 MXI.
 2. PLUMBING CONTRACTOR SHALL PROVIDE MANUFACTURER'S CONCENTRIC VENT KIT OF SIZE NOTED FOR HEATER'S DISCHARGE THROUGH ROOF.
 a. MAINTAIN A MINIMUM OF 10'-0" BETWEEN VENT DISCHARGE LOCATION AND HVAC OUTSIDE AIR LOCATIONS, OPERABLE OPENINGS, & EXHAUST FANS.
 b. COORDINATE FINAL VENT THROUGH THE ROOF WITH EXISTING ROOF EDGE AND EQUIPMENT.
 3. PIPE RELIEF VALVE OUTLET TO INDIRECT DRAIN OR FLOOR DRAIN USING FULL SIZE TYPE 'L' COPPER PIPING. EXISTING FLOOR DRAIN LOCATED NEAR EXISTING WATER HEATER NOTED ON PLANS.
 4. PROVIDE EXPANSION TANK TO MATCH WATER HEATER.
 5. SEE DETAILS #1, #2, #3, AND #4 ON DRAWING P-2.
 6. PROVIDE ALL RELATED PUMPING/PIPING ETC FOR A 100% COMPLETE INSTALLATION.

RECIRCULATING PUMP SCHEDULE

Designation	Description	GPM	Head	Motor KW	Volts/PH	Type	Calibrated Balancing Valve Size	Notes	Grundfos Catalog No.
RCP-1	Water Heater Recirculator	0.65	5	0.025	115/1/60	IN-LINE	1/2"	1	UP 15-10 B5

NOTES:
 1. SEE DETAILS #1 AND #4 ON DRAWING P-2.

KITCHEN EQUIPMENT CONNECTION SCHEDULE

ITEM	QTY.	DESCRIPTION	GAS	H.W.	C.W.	WASTE	VENT	REMARKS/ACCESSORIES
1	1	PRE-RINSE SINK WITH LEVER WASTE	---	1/2"	1/2"	2"	---	SEE PLANS AND NOTE #1.
1A	1	SALVADOR DISPOSAL	---	---	1/2"	2"	---	SEE PLANS AND NOTE #1.
2	1	HIGH TEMPERATURE DISH MACHINE WITH BUILT-IN BOOSTER HEATER	---	3/4"	---	1 1/2"	---	SEE PLANS AND NOTE #1.
3	1	HAND WASHING STATION	---	1/2"	1/2"	1 1/2"	---	SEE PLANS AND NOTE #1.
4	1	(1) 3 COMPARTMENT SINK, (3) LEVER WASTES, AND (2) FAUCETS	---	2 (1/2")	2 (1/2")	3 (2")	---	SEE PLANS AND NOTE #1.
5	1	2 BAY SINK	---	1/2"	1/2"	1 1/2"	---	SEE PLANS AND NOTE #1.
6	2	6 BURNER RANGE - 210 MBH EACH	3/4"	---	---	---	---	COMPLY WITH MANUFACTURER'S REQUIRED WC. KEC TO PROVIDE 3/4" GAS APPLIANCE CONNECTOR.
7	1	FRYER - 53 MBH	3/4"	---	---	---	---	COMPLY WITH MANUFACTURER'S REQUIRED WC. KEC TO PROVIDE 3/4" GAS APPLIANCE CONNECTOR.
8	1	COMBINATION STEAMER-OVEN - 100 MBH	3/4"	---	3/4"	2"	---	COMPLY WITH MANUFACTURER'S REQUIRED WC. KEC TO PROVIDE 3/4" GAS APPLIANCE CONNECTOR. SEE NOTE #1.
9	1	MAKE UP AIR UNIT FOR HOOD - 196.273 MBH	3/4"	---	---	---	---	COORDINATE ALL UNIT REQUIREMENTS IN THE FIELD WITH KEC/CAPTIVEAIRE.
10	1	FIRE SUPPRESSION SYSTEM	2"	---	---	---	---	COORDINATE ALL UNIT REQUIREMENTS IN THE FIELD WITH KEC/CAPTIVEAIRE. SEE NOTE #2.

NOTES:
 1. PLUMBING CONTRACTOR TO INSTALL FLOOR SINK (FS-1) AT UNIT AS SHOWN ON PLANS. FLOOR SINKS TO HAVE 4" DIAMETER WASTE PIPING AND 2" DIAMETER VENT PIPING.
 2. ANSUL SYSTEM SHALL HAVE AUTOMATIC GAS SHUTOFF VALVES FOR EQUIPMENT LOCATED UNDER THE KITCHEN HOOD.

GENERAL PLUMBING NOTES

- GENERAL NOTES ARE APPLICABLE TO ALL PLUMBING WORKING DRAWINGS.
- THE WORK SHALL BE EXECUTED IN STRICT CONFORMITY WITH BASE BUILDING SPECIFICATION AND WITH THE LATEST EDITION OF THE PREVAILING LOCAL PLUMBING AND BUILDING CODES AND ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
- ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH INSTALLATION.
- NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ENGINEER OF RECORD.
- NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
- ROUGH-IN DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH GENERAL CONTRACTOR AND FIELD SUPERVISOR.
- INSTALL BALL VALVES ON ALL BRANCH SUPPLY LINES.
- PROVIDE ACCESS PANELS ON ALL INACCESSIBLE VALVES AND CLEANOUTS. ACCESS PANELS SHALL BE PROVIDED BY PLUMBING CONTRACTOR AND CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION. MOUNT SHUT-OFF VALVES NO HIGHER THAN 12'-8" AFF.
- ALL WORK SHALL BE PROPERLY TESTED, BALANCED AND CLEANED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
- FOLLOW PDI STANDARDS FOR WATER HAMMER ARRESTORS.
- ALL FIXTURES TO BE SUPPLIED & INSTALLED BY PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED. PROVIDE DEARBORN #ADA100 OR #ADA101 INSULATING KITS ON TRAPS AND HOT AND COLD WATER SUPPLIES TO ALL HANDICAPPED LAVATORIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF HANDICAPPED FIXTURES.
- ALL NOTED FIXTURES SHALL BE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES IN ACCORDANCE WITH THE "AMERICANS WITH DISABILITIES ACT OF 1990". FIXTURES AND THEIR INSTALLATION SHALL ALSO COMPLY WITH AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) PUBLICATION A117.1 - "PROVIDING ACCESSIBILITY AND USABILITY FOR PHYSICALLY HANDICAPPED PEOPLE" AND/OR GOVERNING CODE. ALL PLUMBING FIXTURES, EQUIPMENT, TRIM, AND FITTINGS SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REGULATIONS AND CODES.
- WATER AND ENERGY CONSERVATION CODES. THE SCHEDULED AND/OR SPECIFIED PLUMBING FIXTURES AND EQUIPMENT REPRESENT THE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR THE CONTRACTOR'S BASE BID. IF THE SCHEDULED OR SPECIFIED FIXTURES OR EQUIPMENT DO NOT COMPLY WITH GOVERNING CODES OR REGULATIONS IN ALL RESPECTS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR COMPLYING FIXTURES, EQUIPMENT, TRIM, OR FITTINGS. THE ABSENCE OF AN ALTERNATE BID SHALL BE CONSTRUED TO MEAN THAT THE CONTRACTOR'S BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS AND CODES.
- PLUMBING FIXTURES SHALL BE WATER CONSERVING TYPE AS FOLLOWS (PROVIDE REQUIRED AERATORS ON ALL FAUCETS TO ENSURE FLOW RATES ARE MET):
 WATER CLOSET (TOILET) - MAX. 1.28 GPF
 BATHROOM LAV. FAUCET - MAX. 0.5 GPM (PUBLIC)
 BATHROOM SHOWER HEAD - MAX. 1.5 GPM
 KITCHEN FAUCET - MAX. 2.2 GPM
- GENERAL CONTRACTOR SHALL COORDINATE WATER METER LOCATION AND INSTALLATION WITH LOCAL AUTHORITIES AND SITE DRAWINGS IF NOT EXISTING.
- PROVIDE BUILDING WATER AND GAS SERVICE LINES 5'-0" FROM BUILDING LINE. OR INSIDE BUILDING FROM OUTLET SIDE OF METER AS SHOWN ON SITE PLAN. COORDINATE EXACT LOCATION WITH SITE DRAWINGS AND AT JOB SITE. PROVIDE BACKFLOW PREVENTER AS REQUIRED BY LOCAL AUTHORITIES FOR WATER SERVICE.
- SANITARY SEWER PIPING SHOWN IS BASED ON 0.125"/FT FOR 3"-6" & 0.25"/FT FOR 2 1/2" OR LESS FOR ALL PIPING. COORDINATE BUILDING SEWER LOCATION AND INVERT ELEVATION WITH SITE DRAWINGS.
- TRAP SEAL PRIMERS ARE TO BE PROVIDED AT ALL FLOOR DRAIN LOCATIONS.
- FIRESTOP ALL FLOOR TO FLOOR PENETRATIONS AS REQUIRED.

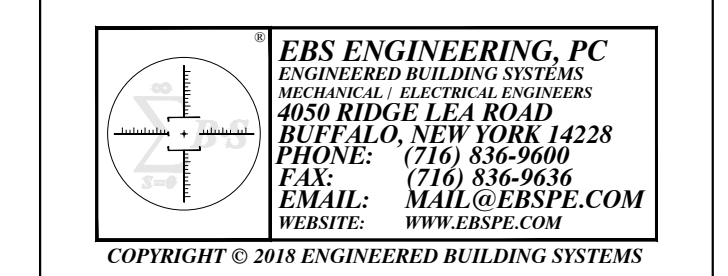
LEGEND

	SANITARY SEWER (SS)
	GREASE SANITARY SEWER (GSS)
	STORM WATER PIPING (ST)
	OVERFLOW STORM WATER PIPING (OST)
	UNDERGROUND PIPING (U)
	DOMESTIC COLD WATER (CW)
	HOT WATER RECIRCULATING (HWR)
	DOMESTIC HOT WATER (HW)
	EXISTING PIPING
	SANITARY VENT (V)
	GAS PIPING
	COMPRESSED AIR PIPING
	FIRE PROTECTION PIPING
	PUMPED DISCHARGE
	UNION
	PLUG COCK
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
	TEE - TURNED DOWN
	TEE - TURNED UP
	VALVE
	MIXING VALVE
	CONCENTRIC REDUCER
	INCREASER
	BACKFLOW PREVENTER - REDUCED PRESSURE ZONE
	BACKFLOW PREVENTER - DOUBLE CHECK VALVE TYPE
	BALL VALVE
	CHECK VALVE
	SHUT-OFF VALVE IN VERTICAL LINE
	GAS PRESSURE REGULATOR
	TEMP. & PRESS. RELIEF VALVE
	ROOF DRAIN
	FLOOR DRAIN
	FLOOR SINK
	PUMP
	FLOOR CLEANOUT
	GROUND CLEANOUT
	HOSE BIBB
	WALL HYDRANT - ALSO SHOWN AS HYD
	WALL CLEANOUT
	CLEANOUT
	WATER HAMMER ARRESTOR
	CAP/PLUG
	POINT OF CONNECTION - NEW TO EXISTING
	POINT OF DISCONNECT FROM EXISTING
	CALIBRATED BALANCING VALVE
	AUTOMATIC AIR VENT (AAV)
	KITCHEN EQUIPMENT NUMBER

FD	FLOOR DRAIN	HW	HOT WATER
FDS	FLOOR DRAINS	CW	COLD WATER/CITY WATER
TYP.	TYPICAL	GC	GENERAL CONTRACTOR
DN	DOWN	FCO	FLOOR CLEANOUT
VTR	VENT THRU ROOF	CONT.	CONTINUATION
U/F	UNDER FLOOR	I.E.	INVERT ELEVATION
AD	ACCESS DOOR	CD	CONDENSATE DRAIN
SS	SANITARY SEWER	MV	MIXING VALVE
V	PLUMBING VENT	W.C.	WATER COLUMN
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	WHA	WATER HAMMER ARRESTOR
RPDA	REDUCED PRESSURE DETECTOR ASSEMBLIES	VFB	VENT UP FROM BELOW
CI	CAST IRON	N/A	NOT APPLICABLE
MC	MECHANICAL CONTRACTOR	PC	PLUMBING CONTRACTOR
FLR.	FLOOR	DRWS.	DRAWINGS
ETR	EXISTING TO REMAIN	DRWG.	DRAWING
VBF	VENT BELOW FLOOR	AFF	ABOVE FINISHED FLOOR
F/#	FOR (# OF ITEMS)	AV	AIR ADMITTANCE VALVE
LAV	LAVATORY	&	AND
WC(S)	WATER CLOSET(S)	SHWR	SHOWER
KS	KITCHEN SINK	SHWR	SHOWERS
MEP	MECHANICAL, ELECTRICAL AND PLUMBING	LAVS	LAVATORIES
		DW	DISHWASHER
		KEC	KITCHEN EQUIPMENT CONTRACTOR
		GSS	GREASE SANITARY SEWER

NOTICE

This document, the property of, prepared and issued by the architect, is submitted for the specific project named _____ and the recipient by accepting this document assumes custody and agrees that this document will not be copied or reproduced in part or in whole, and any special features peculiar to this design shall not be incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon completion of the project or upon the request of the architect.
 This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of compliance with Codes and or Ordinances, i.e. Building Permit, etc.



JAFFAR
CENTER
KITCHEN
ADDITION
 10300 Transit Road,
 Amherst, NY

ISSUE:

WAY
NOT FOR CONSTRUCTION

SA PROJECT LEAD: PRINCIPAL P. Silvestri
 PROJ ARCH: G. Gamsic DRAFTER
 JOB CAPT: A. Koleski INTERIORS: K. Bentley

SEAL:

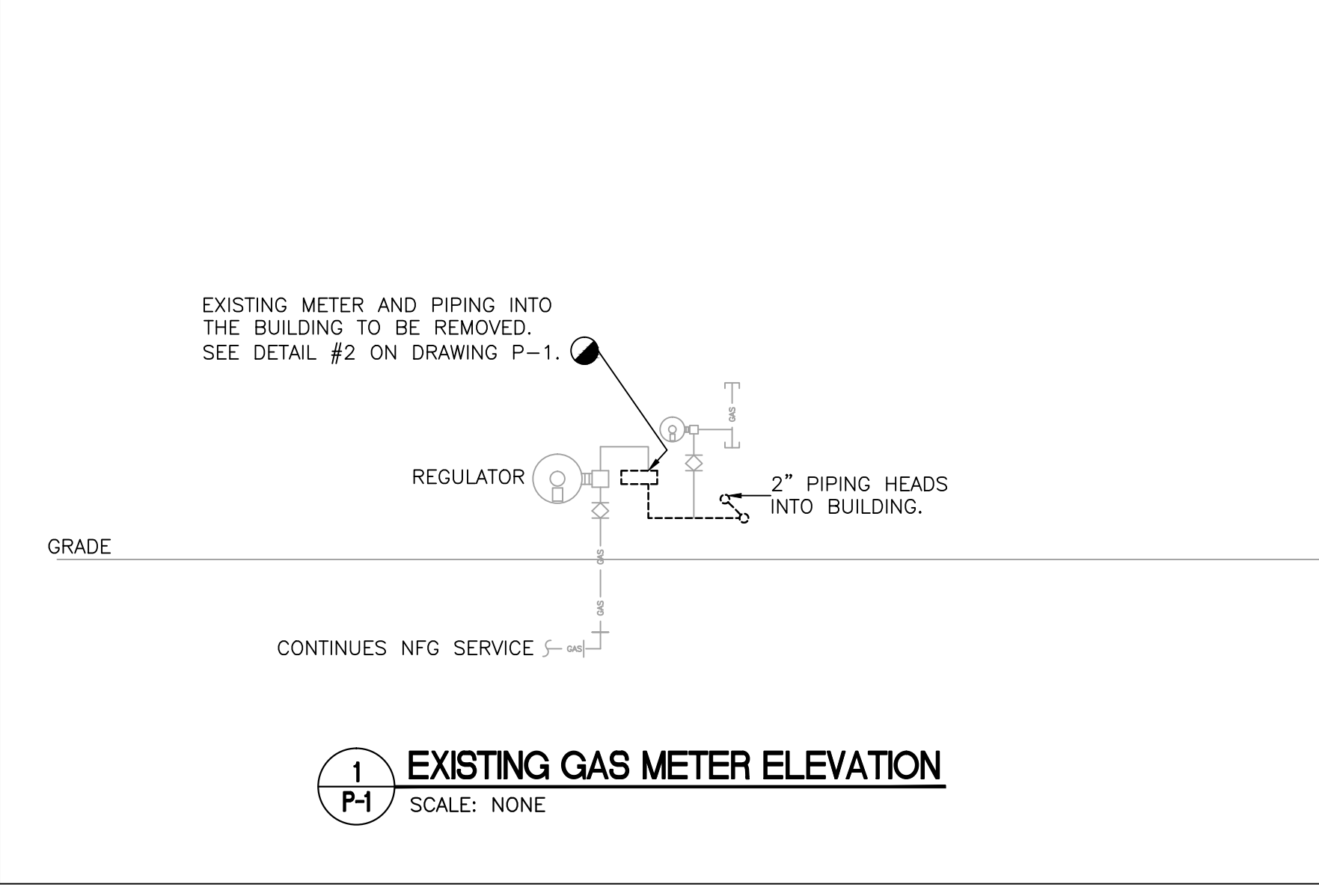
PLUMBING
LEGENDS,
SCHEDULES, &
DETAILS



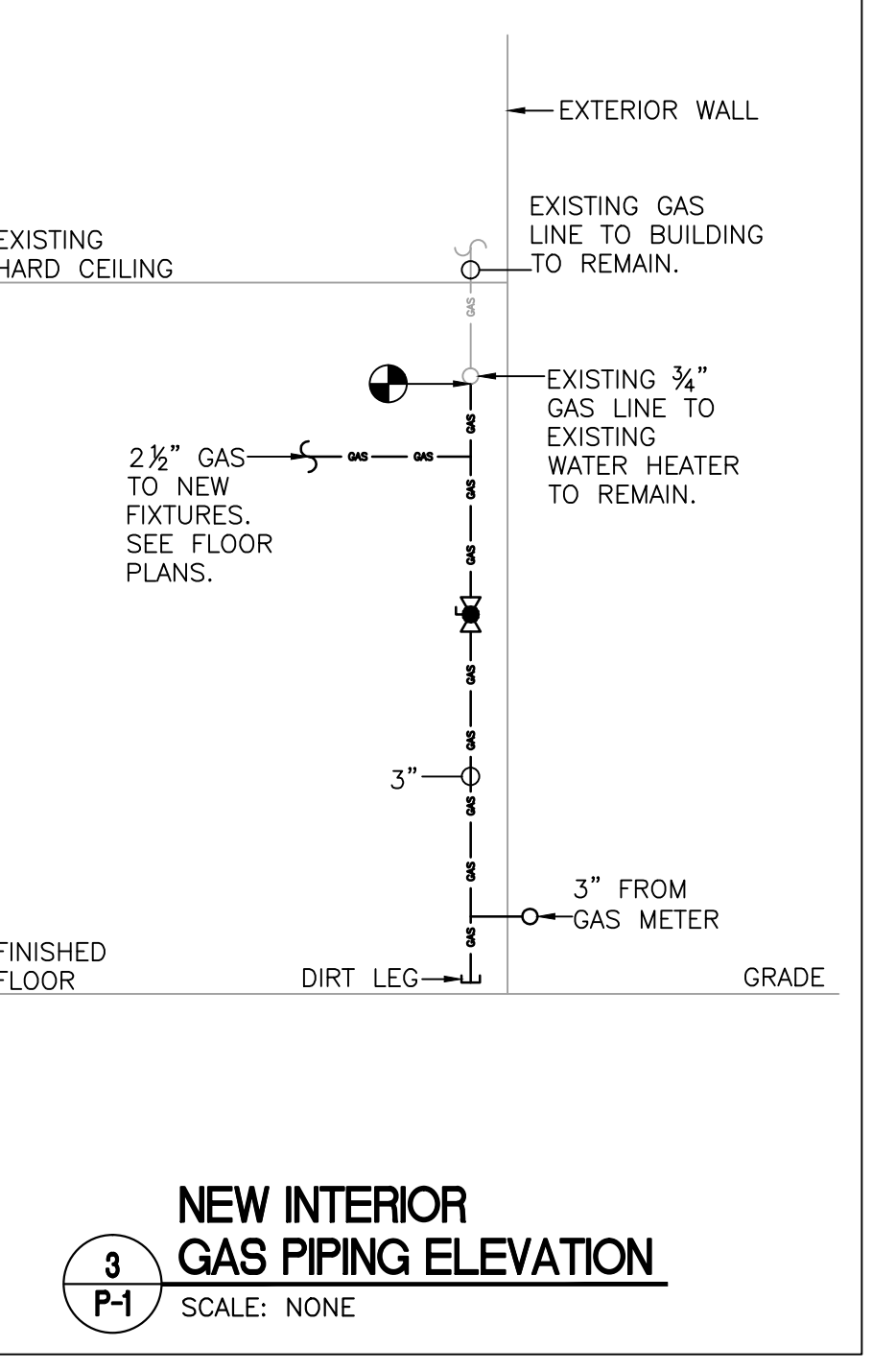
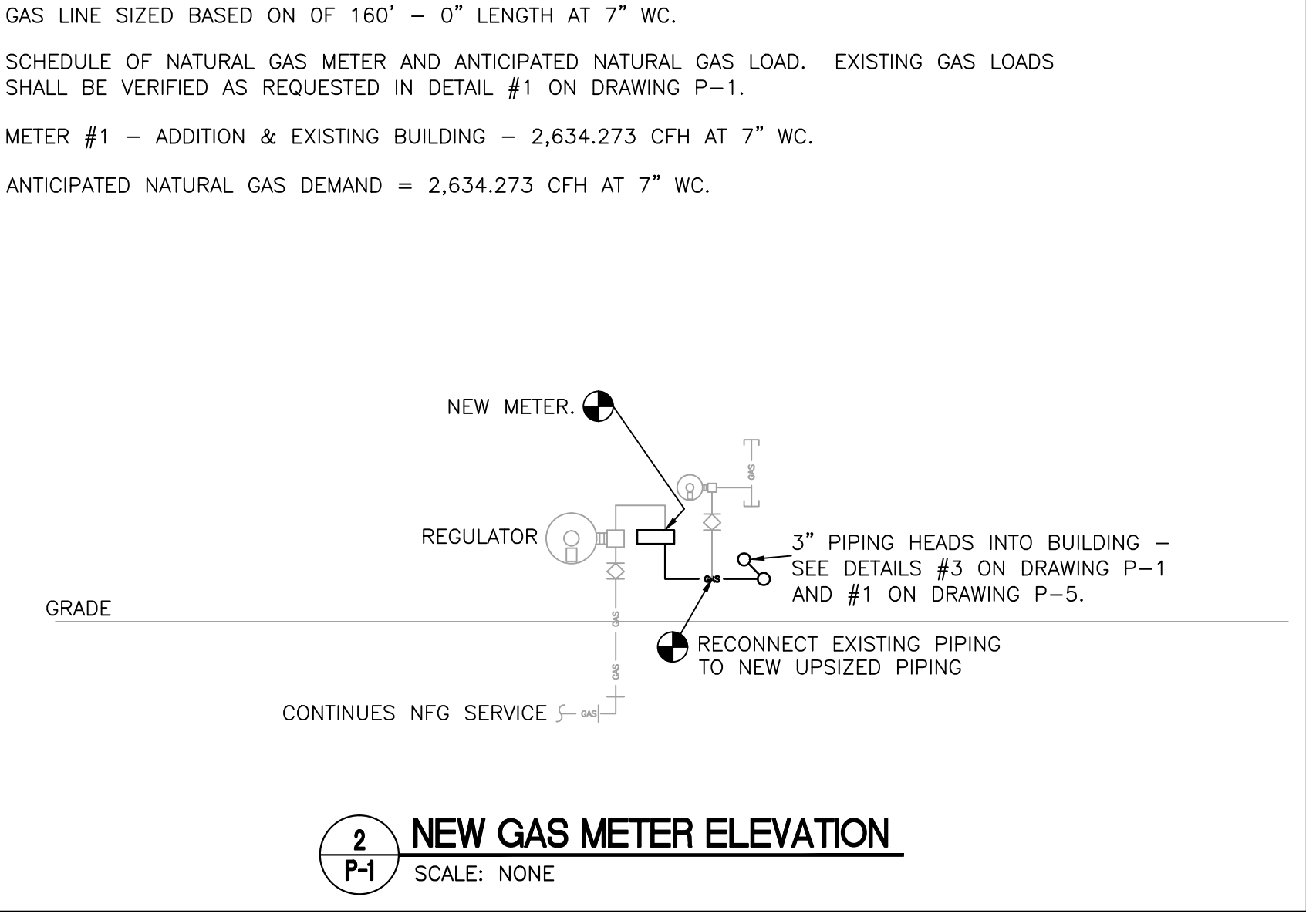
SAJOB #: 07129.03 DATE:

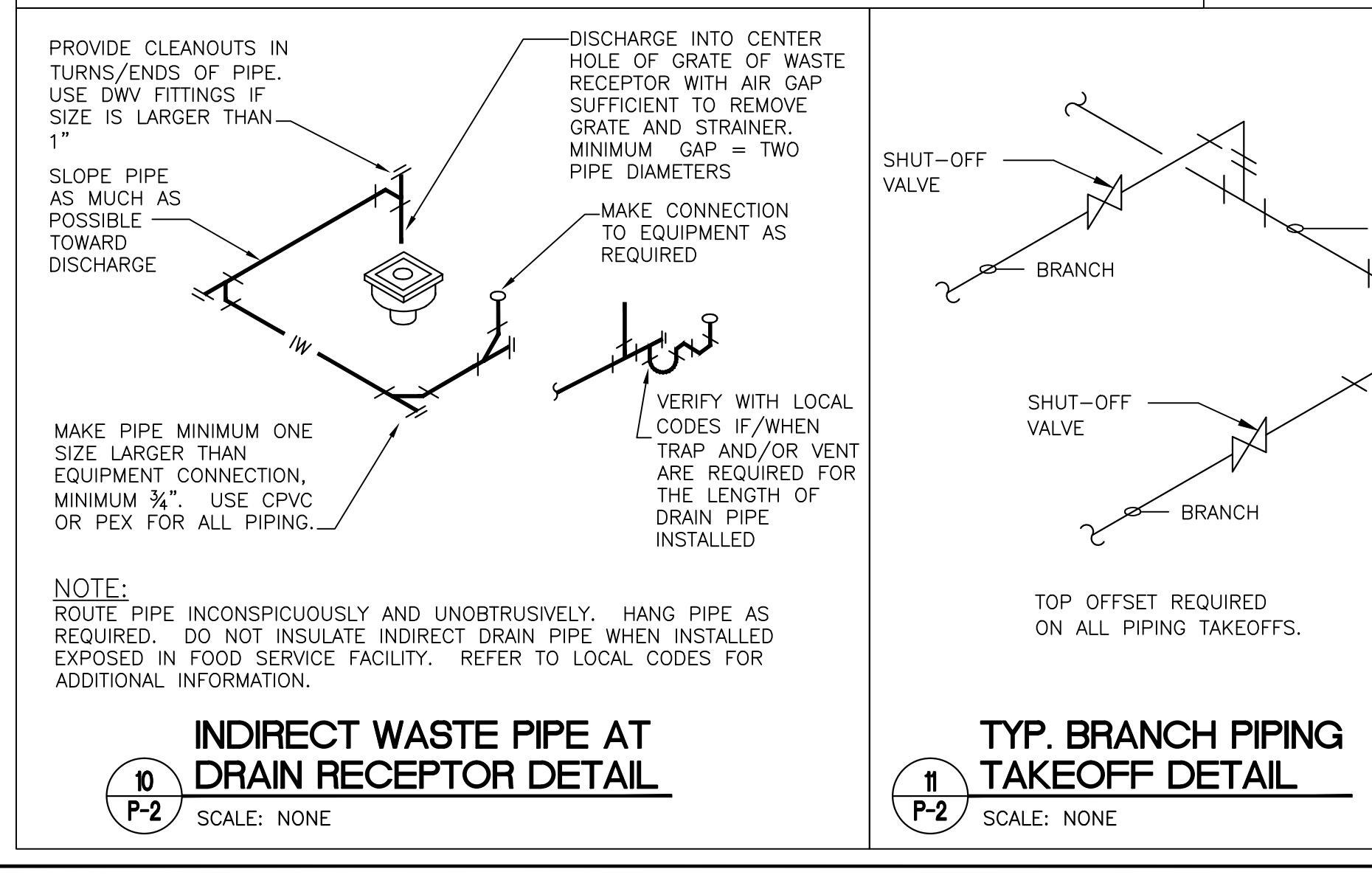
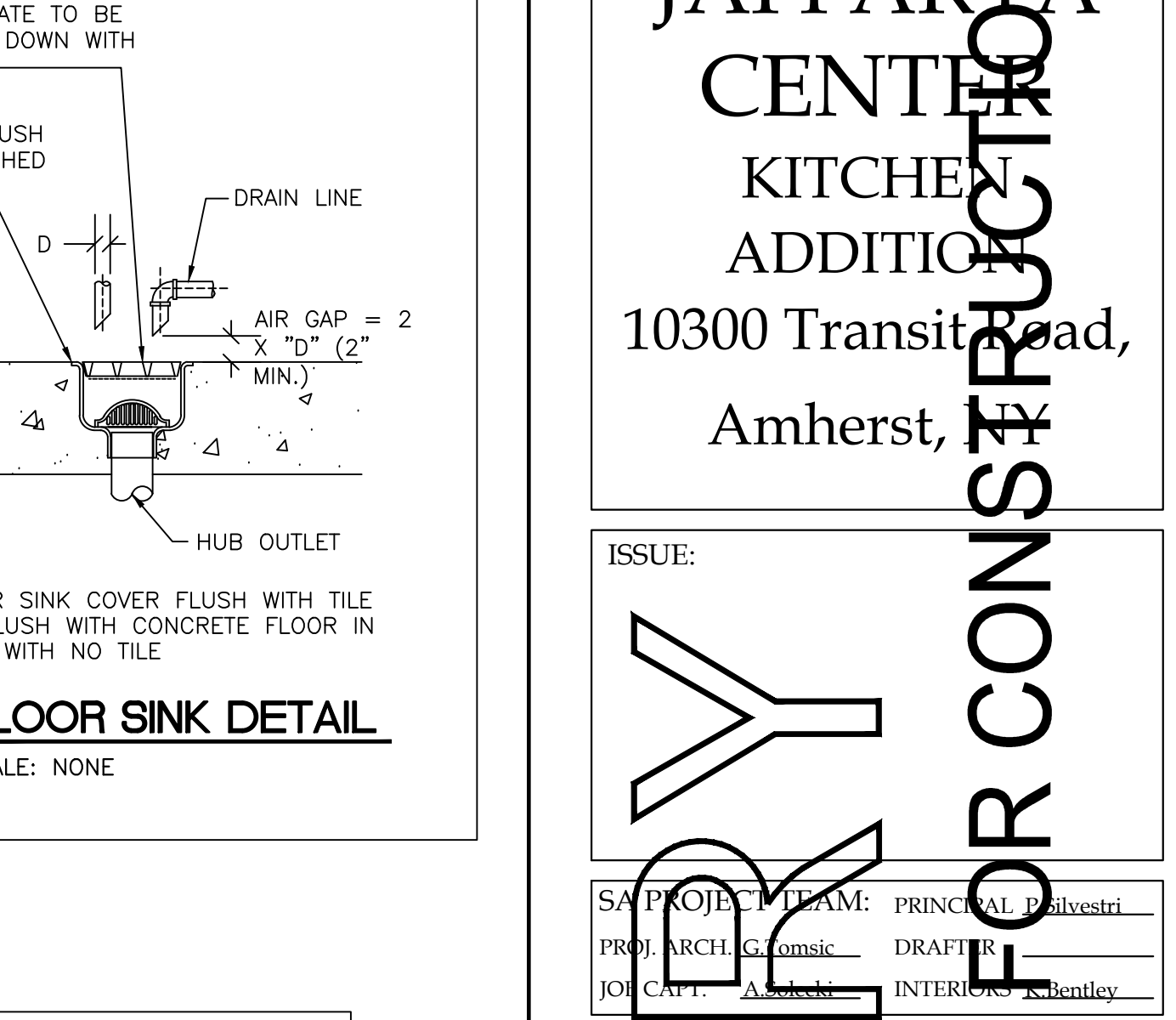
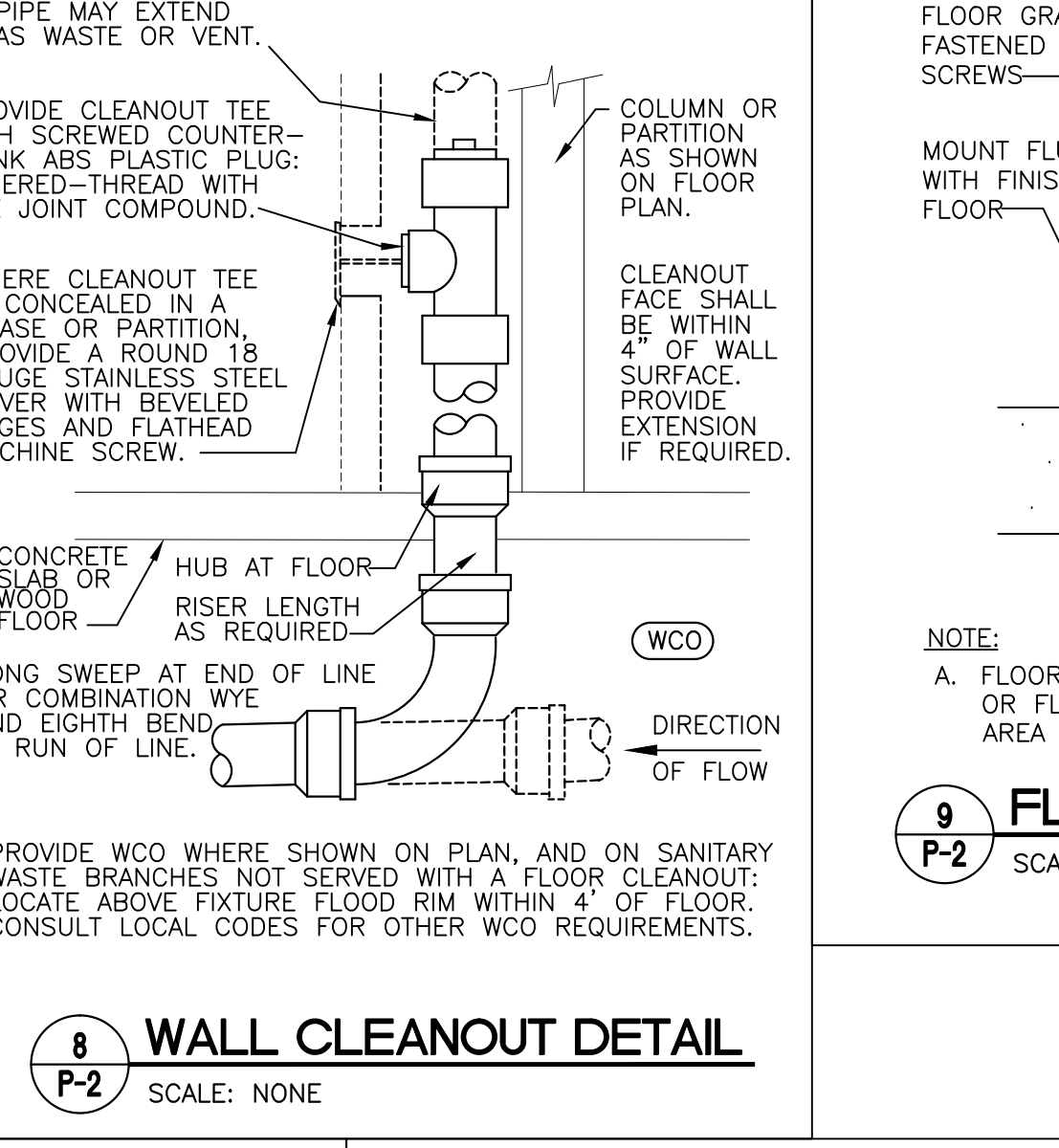
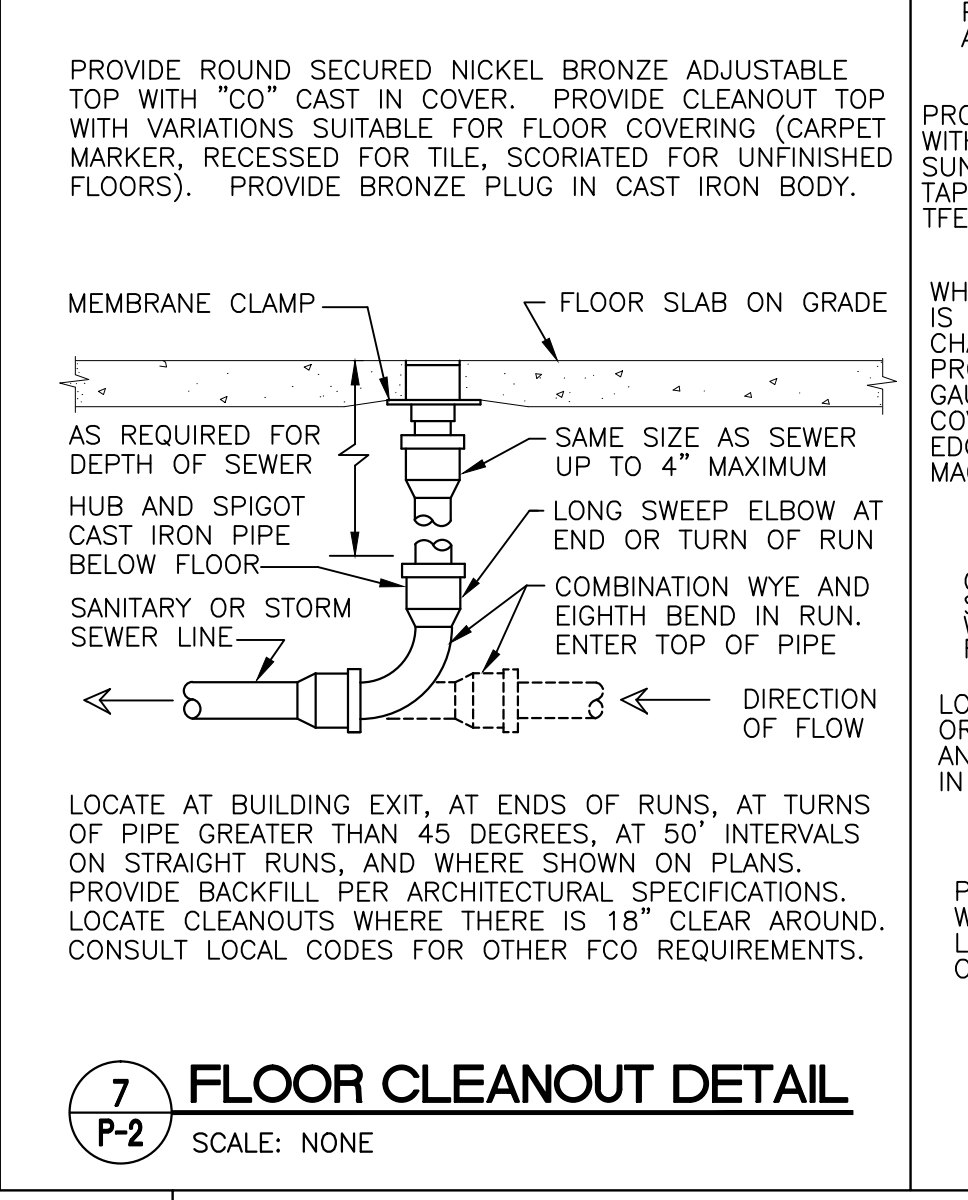
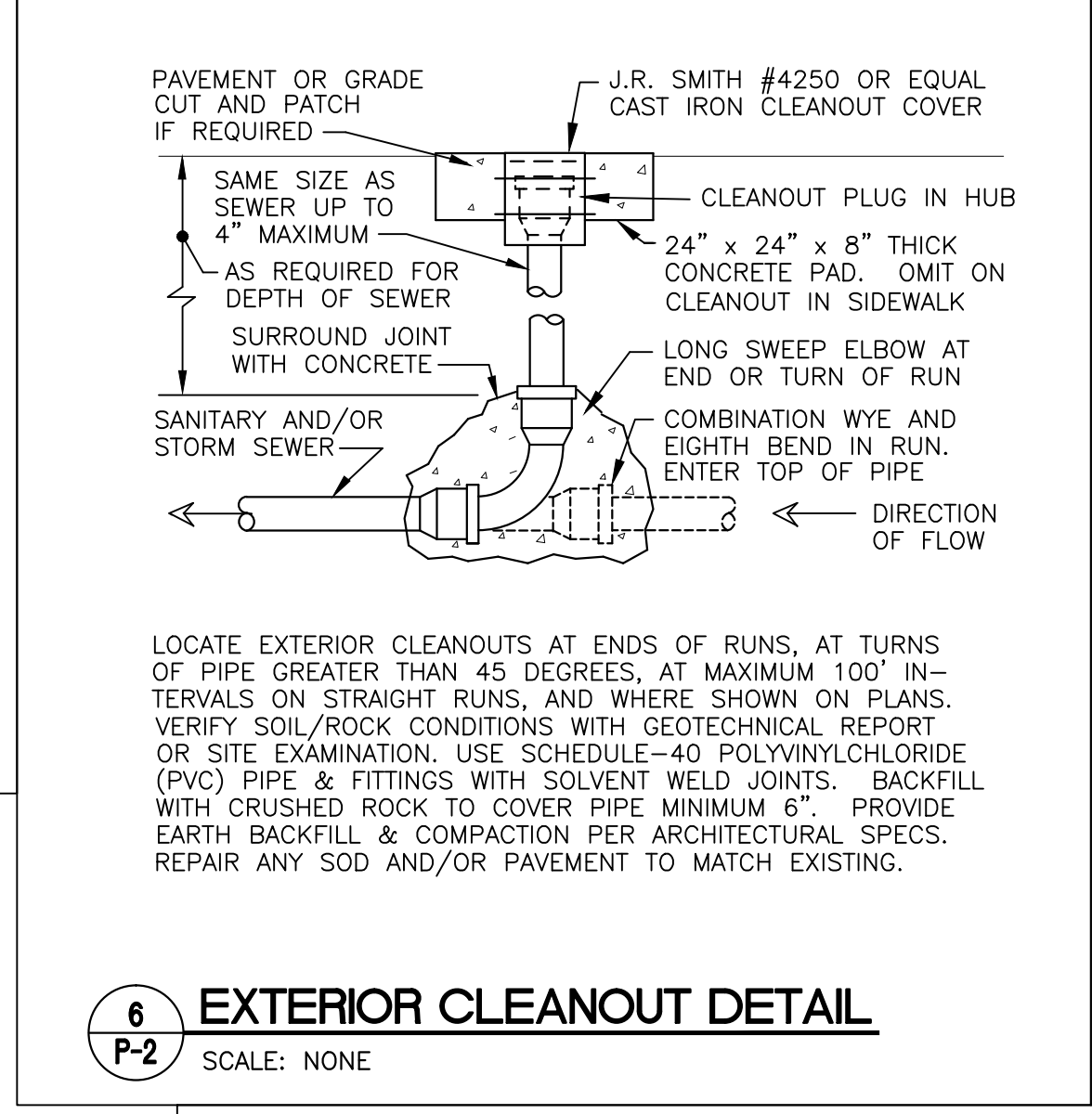
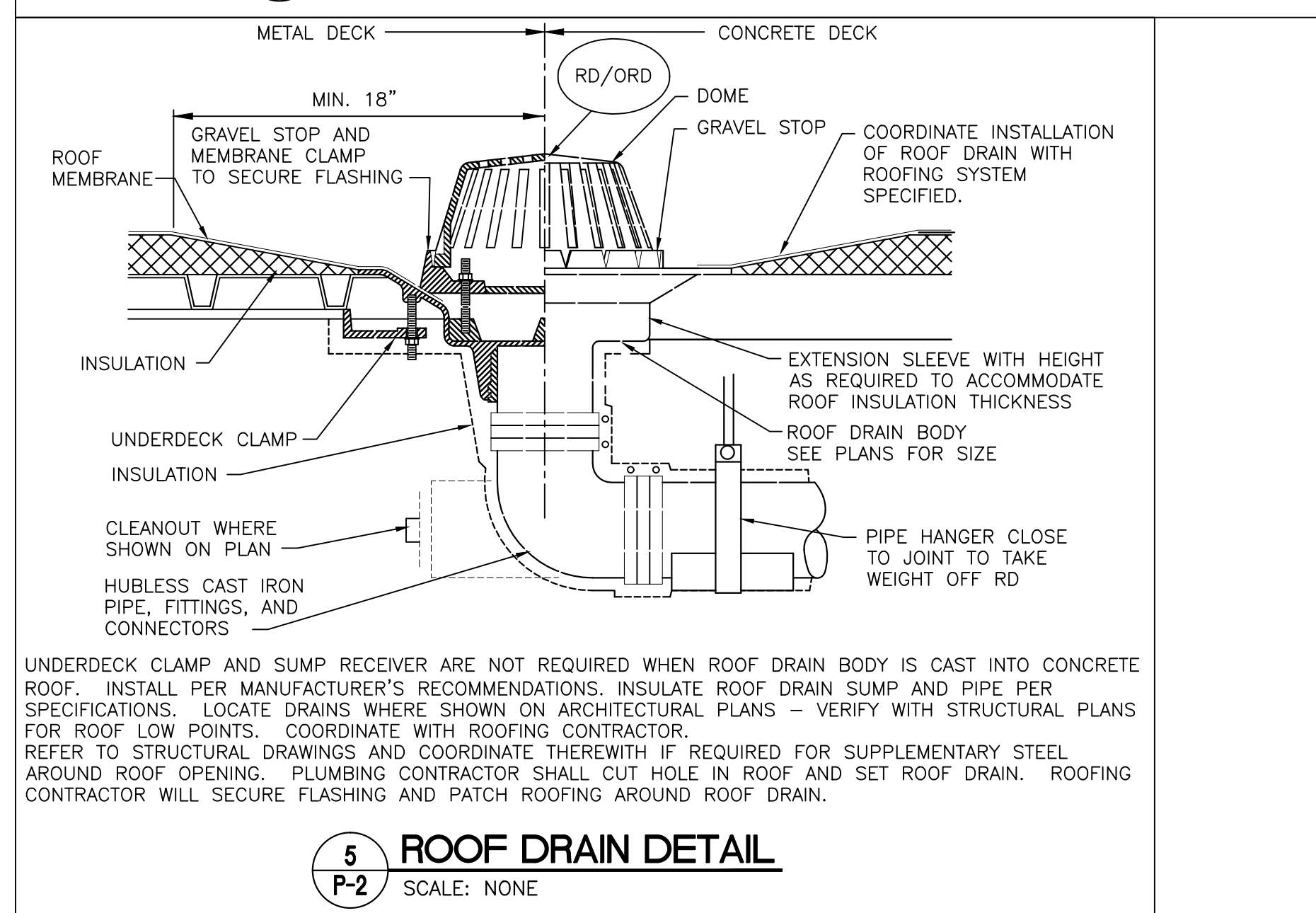
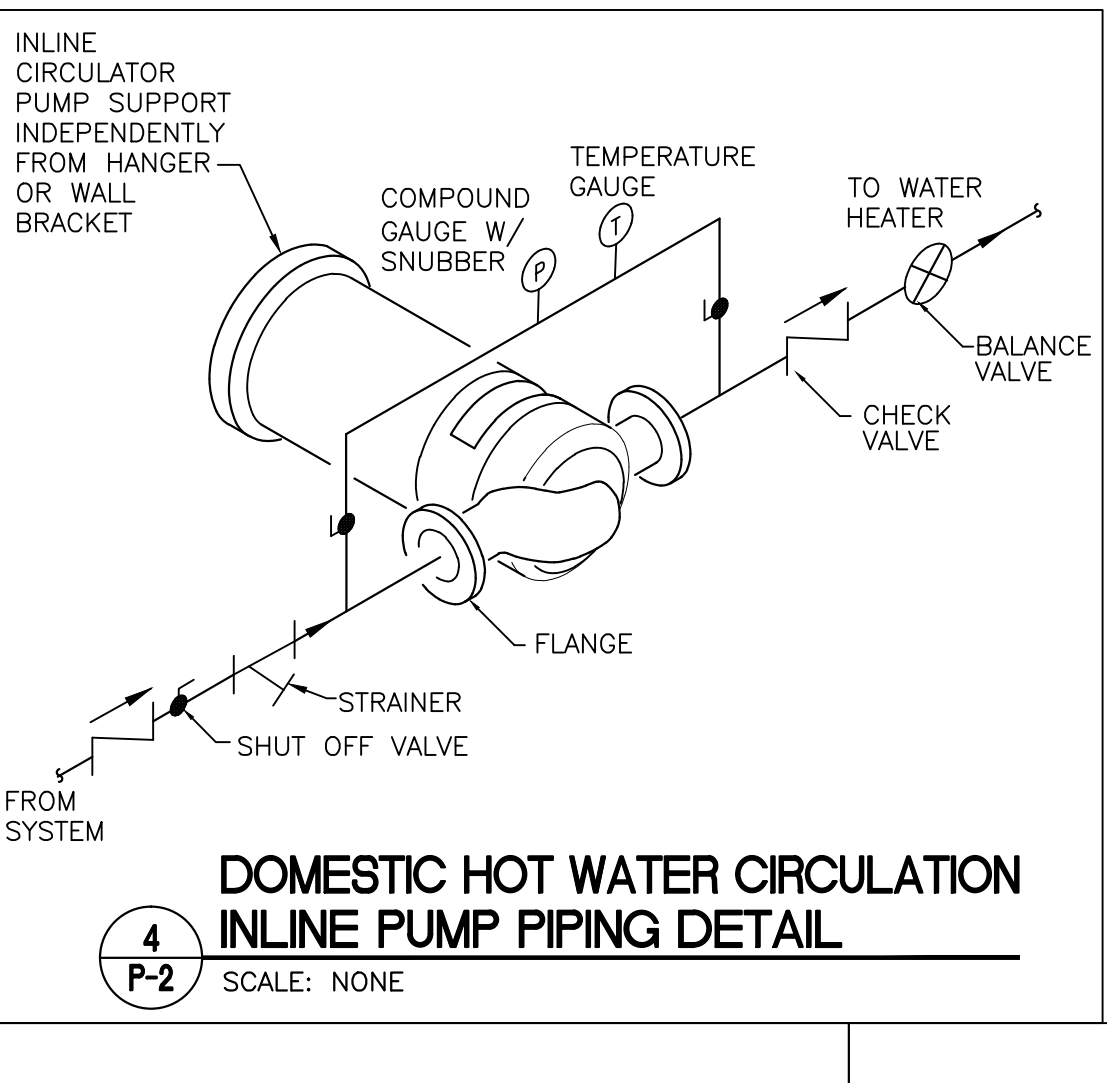
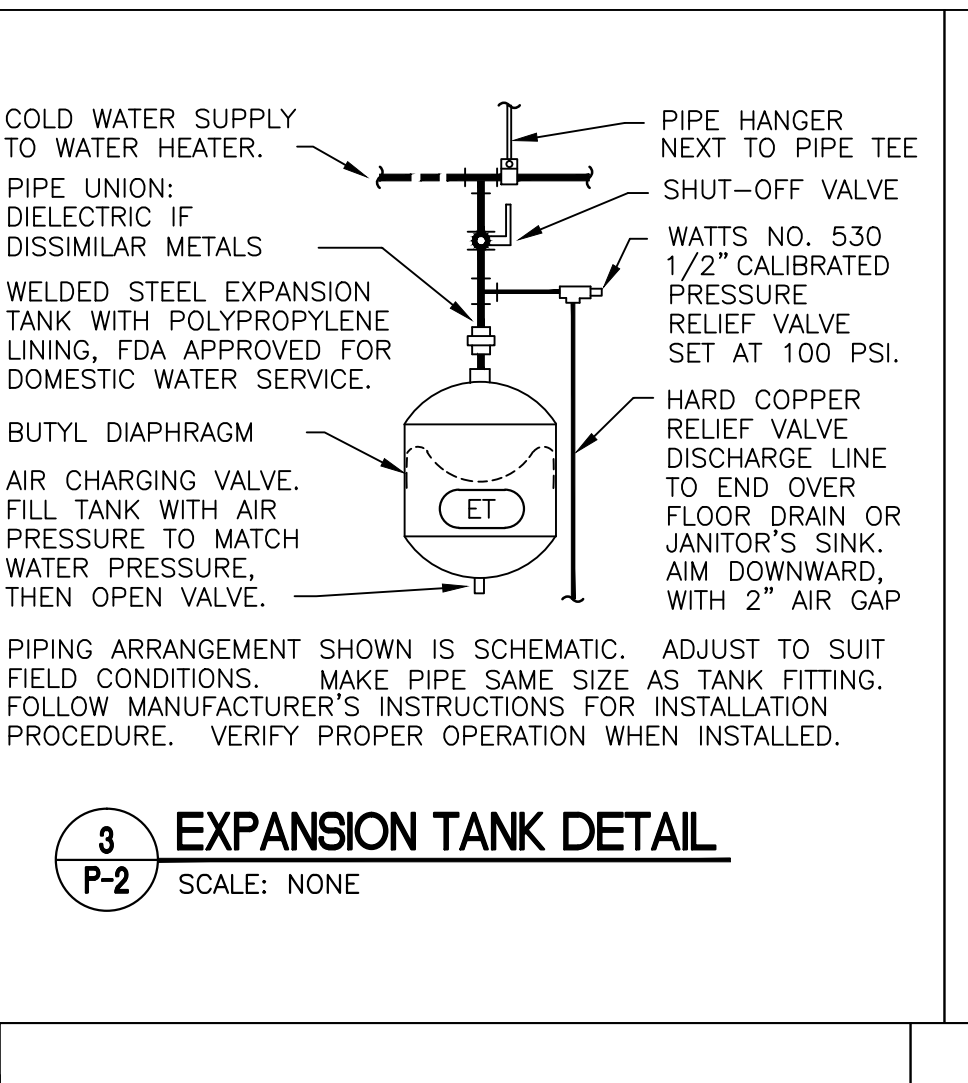
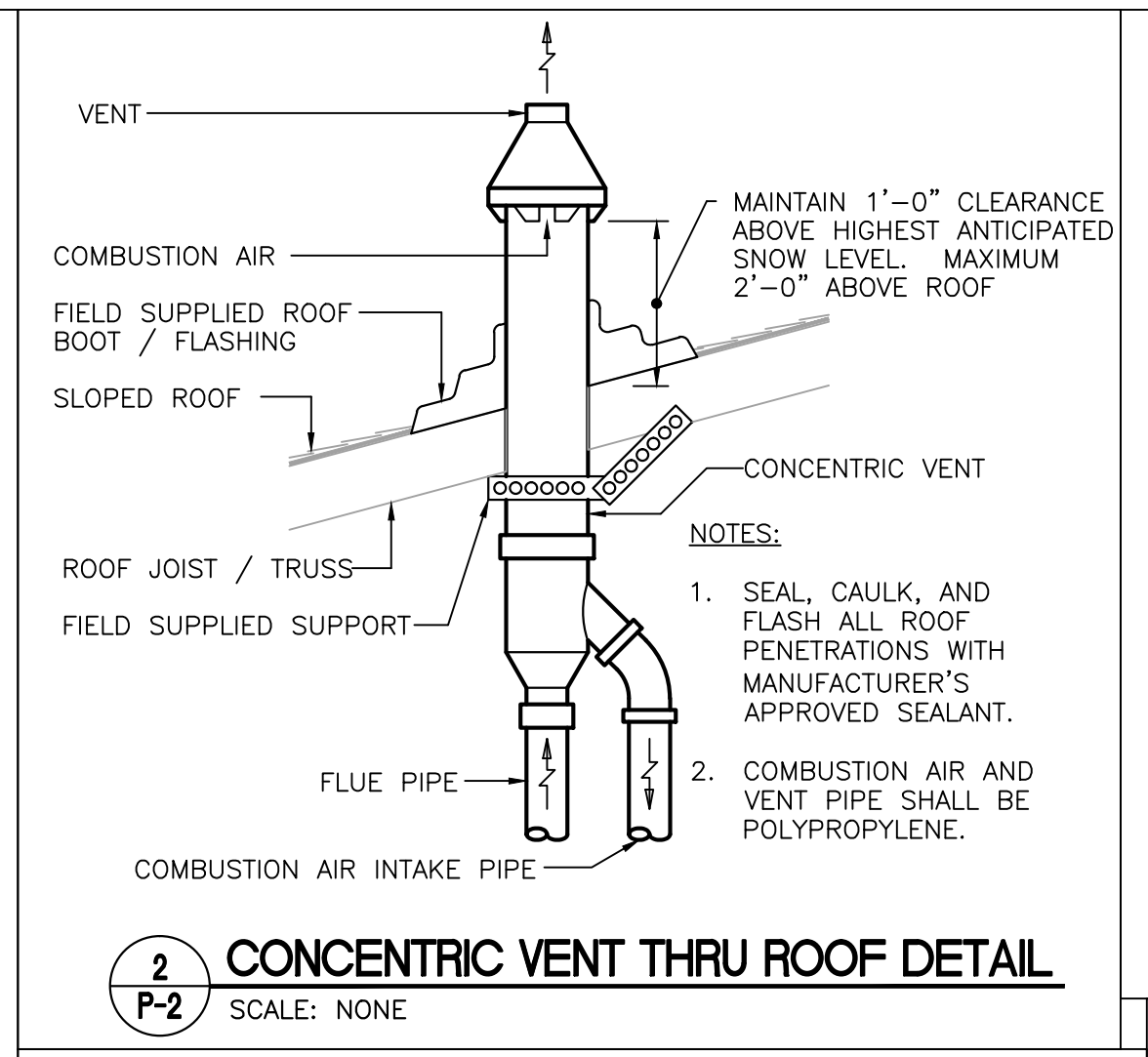
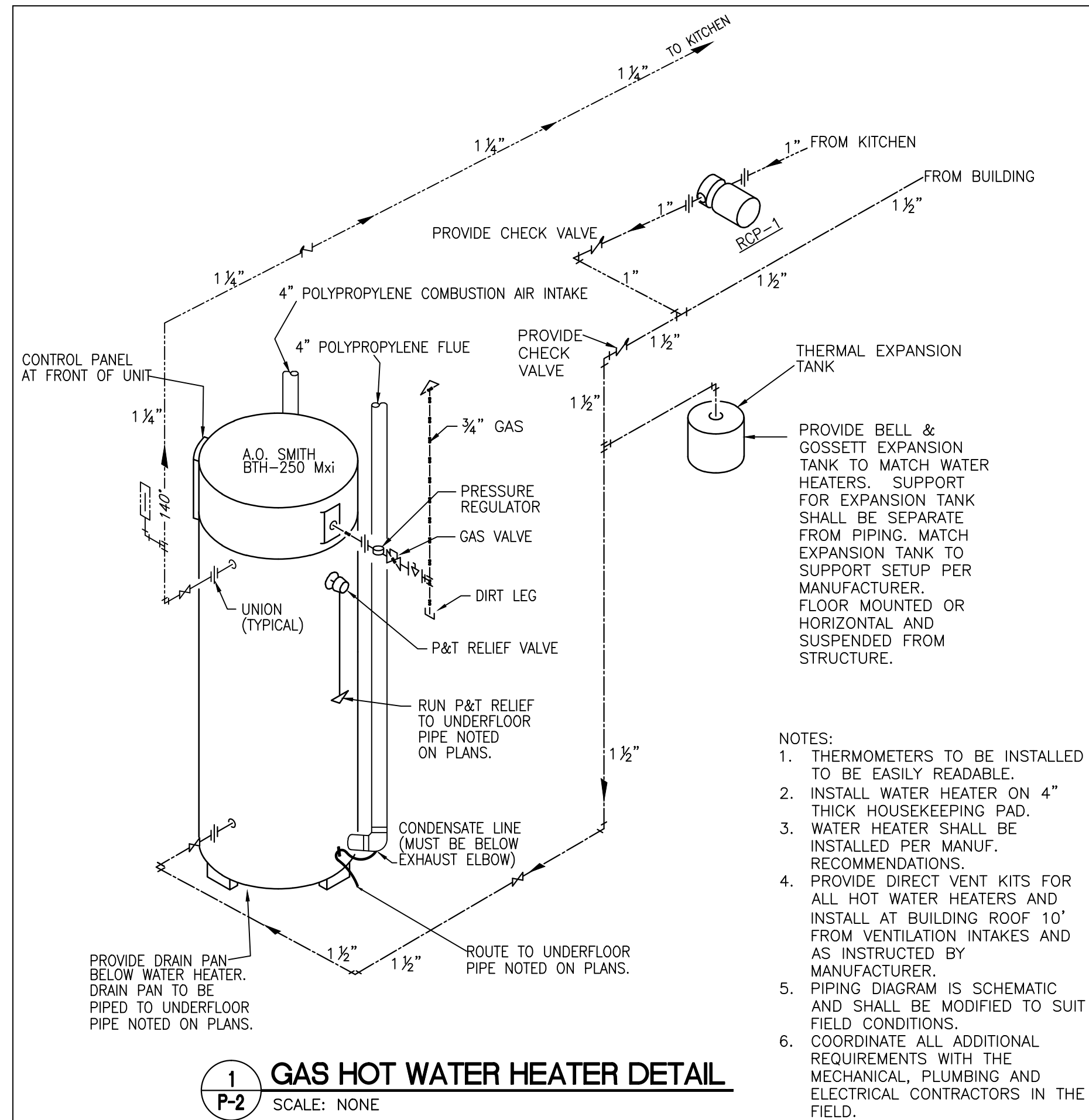
DRAWING #: P-1

SCHEDULE OF EXISTING NATURAL GAS METER AND ASSUMED EXISTING NATURAL GAS LOAD. ALL EXISTING LOADS AND PIPING SIZES SHALL BE VERIFIED IN FIELD BEFORE ANY WORK CAN BEGIN.
 METER #1 - HOUSE - 1,500 CFH - METER CAPACITY IS 1,500 CFH PER METER NAMEPLATE.
 ASSUMED EXISTING NATURAL GAS DEMAND = 1,500 CFH



PROVIDE TEE AND METER SPACE IN ORIGINAL METER'S LOCATION. PROVIDE AND COORDINATE PIPING TO INTERIOR OF THE ADDITION WITH ALL TRADES. ALL PIPING AND EQUIPMENT SHALL BE INSTALLED PER 2015 INTERNATIONAL FUEL GAS CODE (AS ADOPTED BY NEW YORK STATE) AND NFPA 54.
 NOTE:
 COORDINATE THE NATURAL GAS INSTALLATION FULLY WITH CLIENT, CIVIL ENGINEER AND THE LOCAL UTILITY PROVIDER. ANTICIPATED ADDITIONAL NATURAL GAS LOAD IS 1,134.273 CFH AT 7\"/>

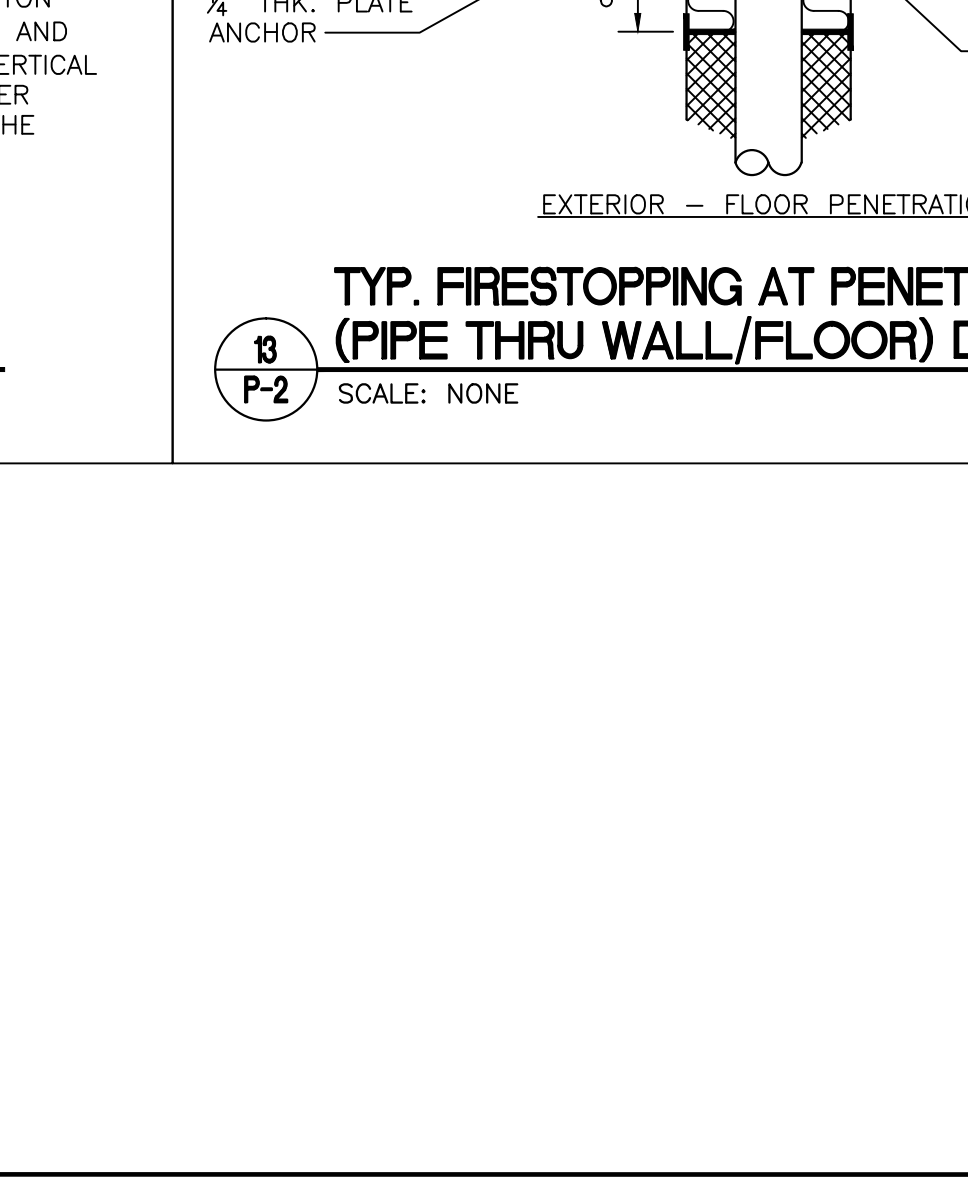
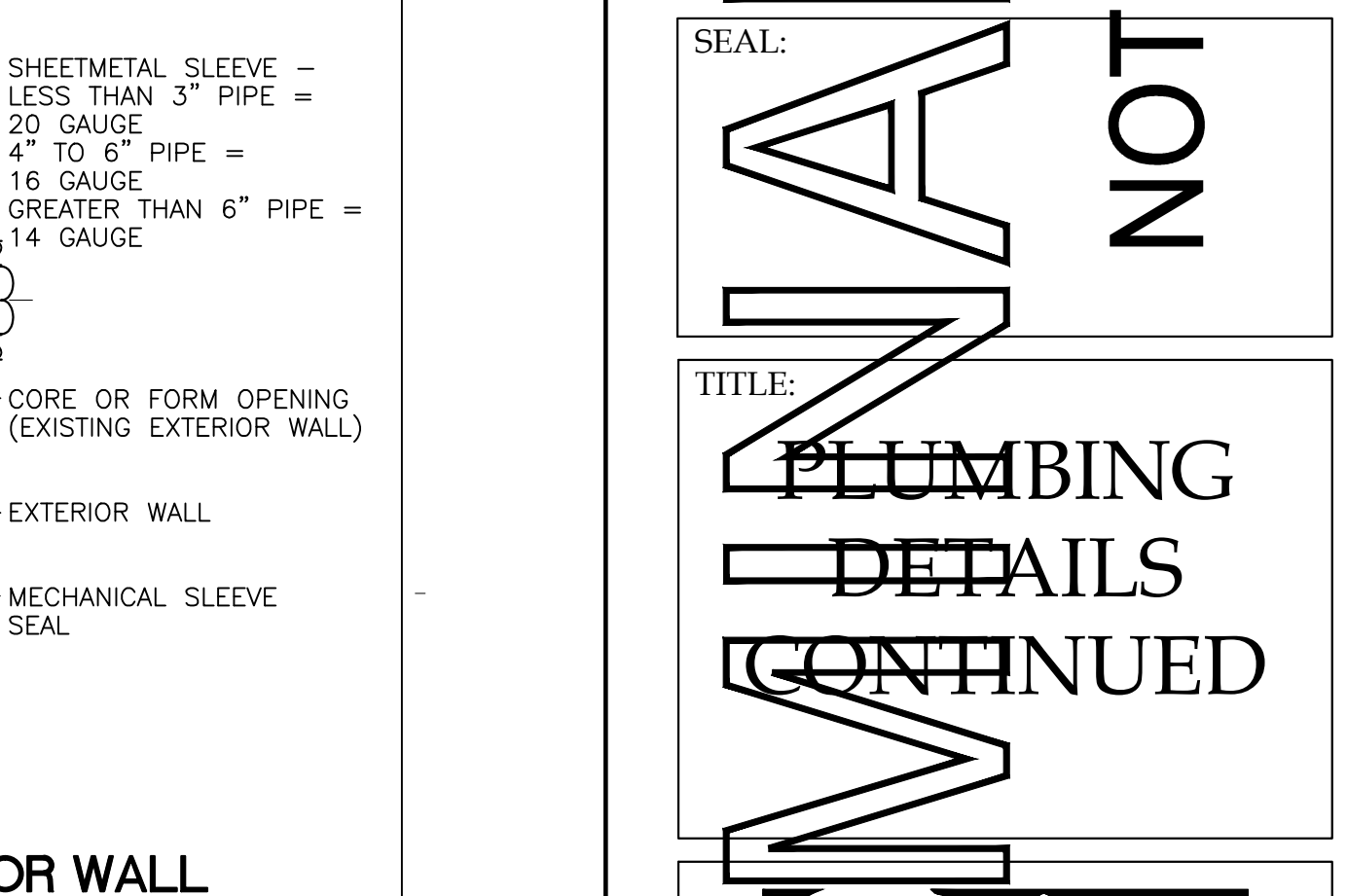
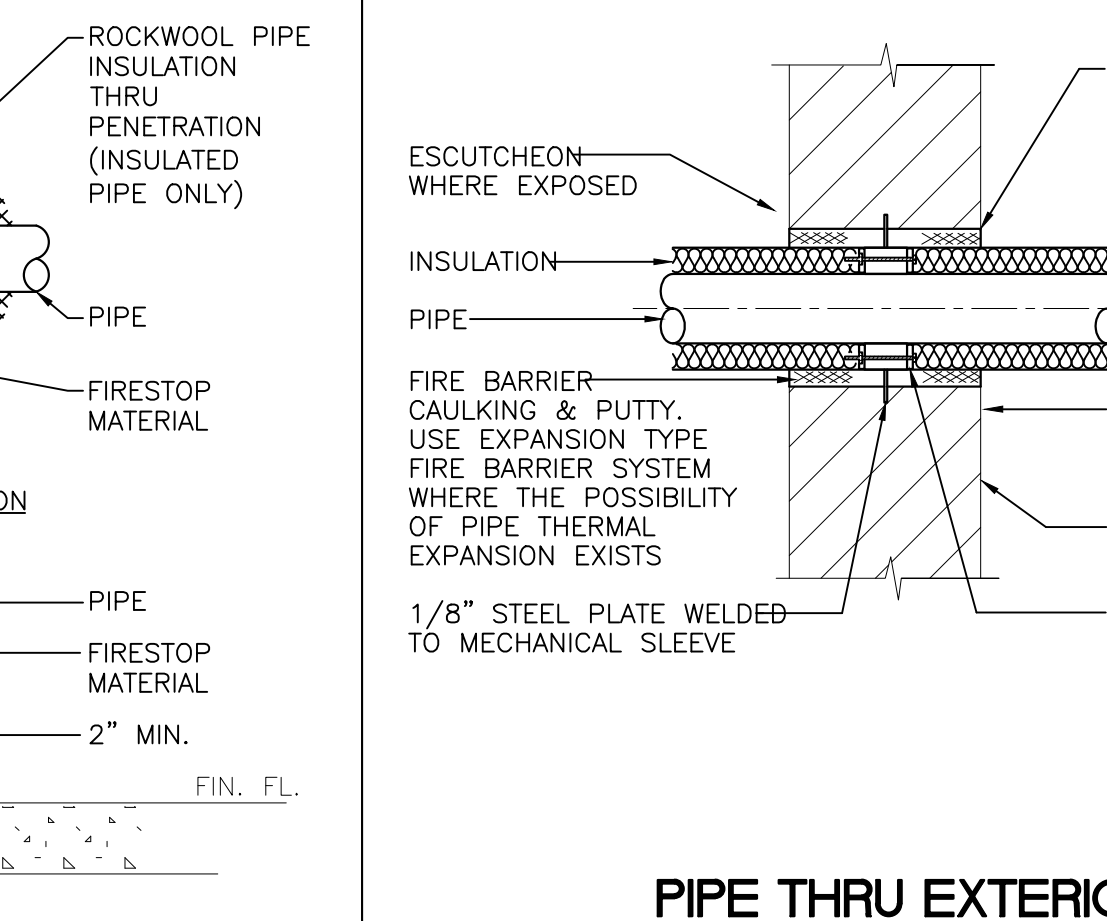
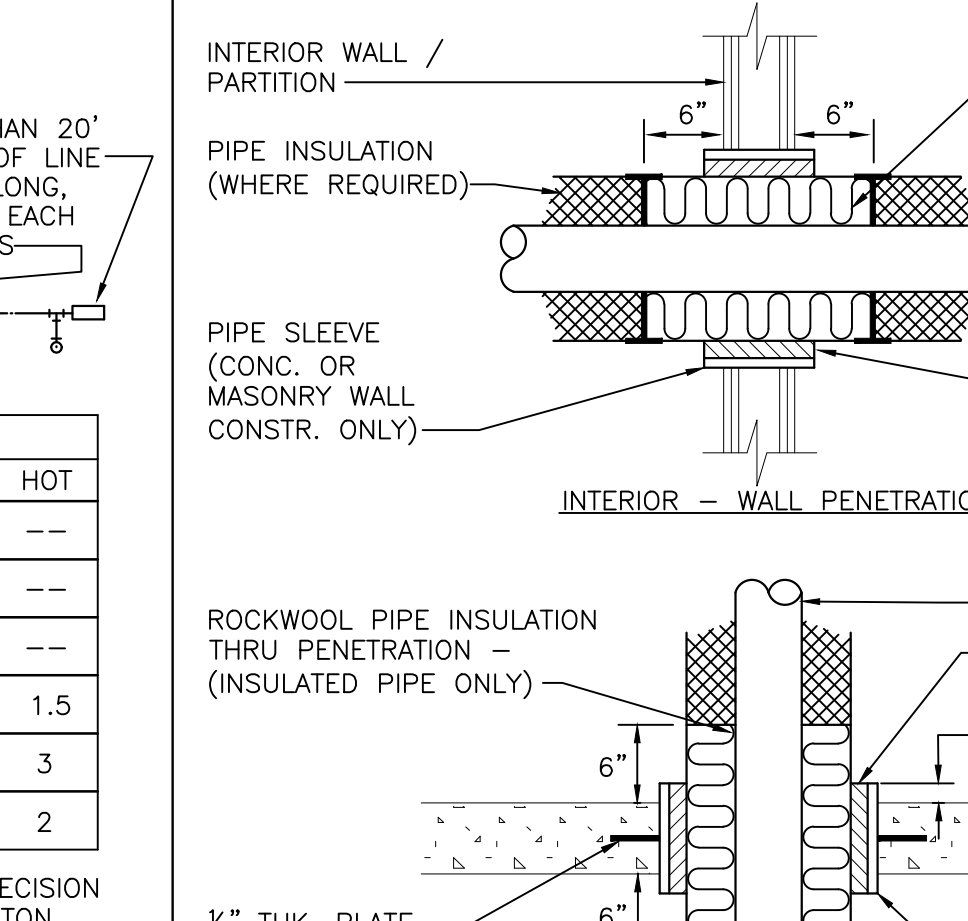




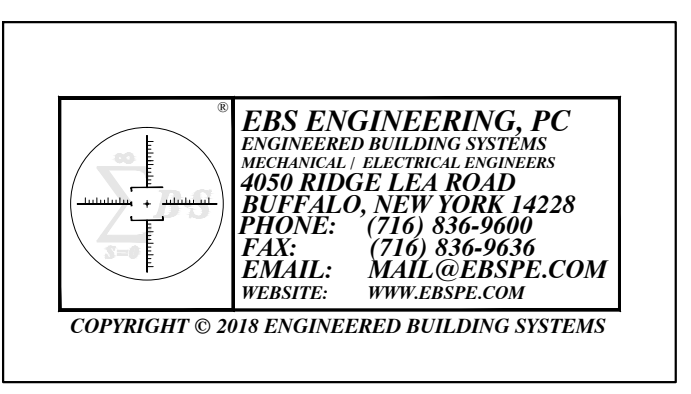
6 EXTERIOR CLEANOUT DETAIL (continued)

LOCATE EXTERIOR CLEANOUTS AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT MAXIMUM 100' INTERVALS ON STRAIGHT RUNS, AND WHERE SHOWN ON PLANS. VERIFY SOIL/ROCK CONDITIONS WITH GEOTECHNICAL REPORT OR SITE EXAMINATION. USE SCHEDULE-40 POLYVINYLCHLORIDE (PVC) PIPE & FITTINGS WITH SOLVENT WELD JOINTS. BACKFILL WITH CRUSHED ROCK TO COVER PIPE MINIMUM 6". PROVIDE EARTH BACKFILL & COMPACTION PER ARCHITECTURAL SPECS. REPAIR ANY SOD AND/OR PAVEMENT TO MATCH EXISTING.

PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD	FIXTURE UNIT TABULATION		
			FIXTURE	COLD	HOT
A	1/2"	1-11	VALVE WATER CLOSET	10	--
B	3/4"	12-32	TANK WATER CLOSET	5	--
C	1"	33-60	URINAL	5	--
D	1 1/4"	61-113	LAVATORY/SINK	1.5	1.5
E	1 1/2"	114-154	MOP RECEPTOR	3	3
F	2"	154-330	SHOWER/BATHTUB	2	2



NOTICE
This document, the property of, prepared and issued by the architect, is submitted for the specific project named and the recipient by accepting this document assumes custody and agrees that this document will not be copied or reproduced in part or in whole, and any special features peculiar to this design shall not be incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon completion of the project or upon the request of the architect. This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of compliance with Codes and or Ordinances, i.e. Building Permit, etc.



**JAFFARZA
CENTRO
KITCHEN
ADDITION**
10300 Transit Road,
Amherst, NY

ISSUE:
NOT FOR CONSTRUCTION

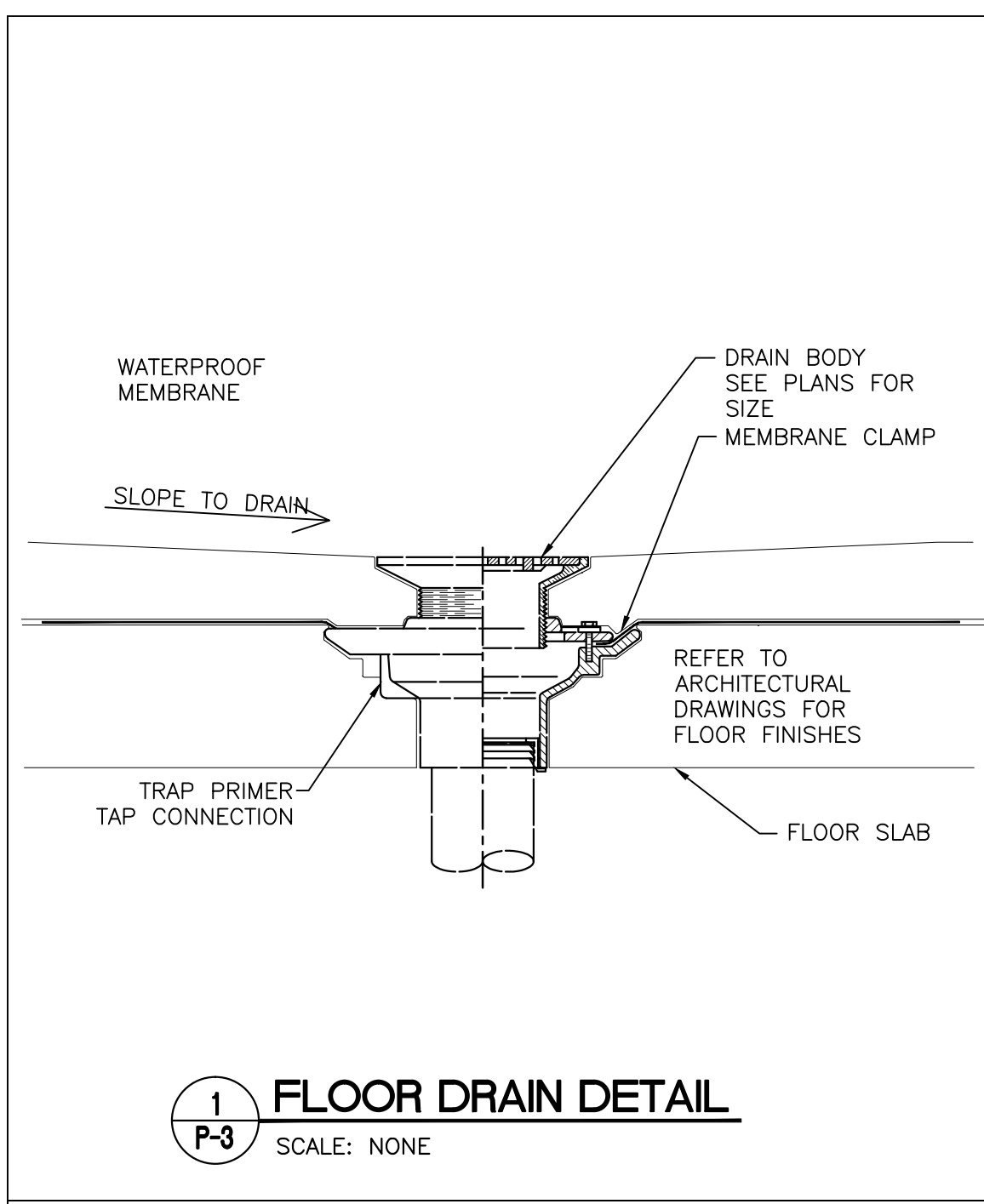
SA PROJECT TEAM: PRINCIPAL P. Silvestri
PROJ ARCH: G. Gamsic DRAFTER:
JOB CAPT.: A. Gamsic INTERIORS: K. Bentley

SEAL:
NOT FOR CONSTRUCTION

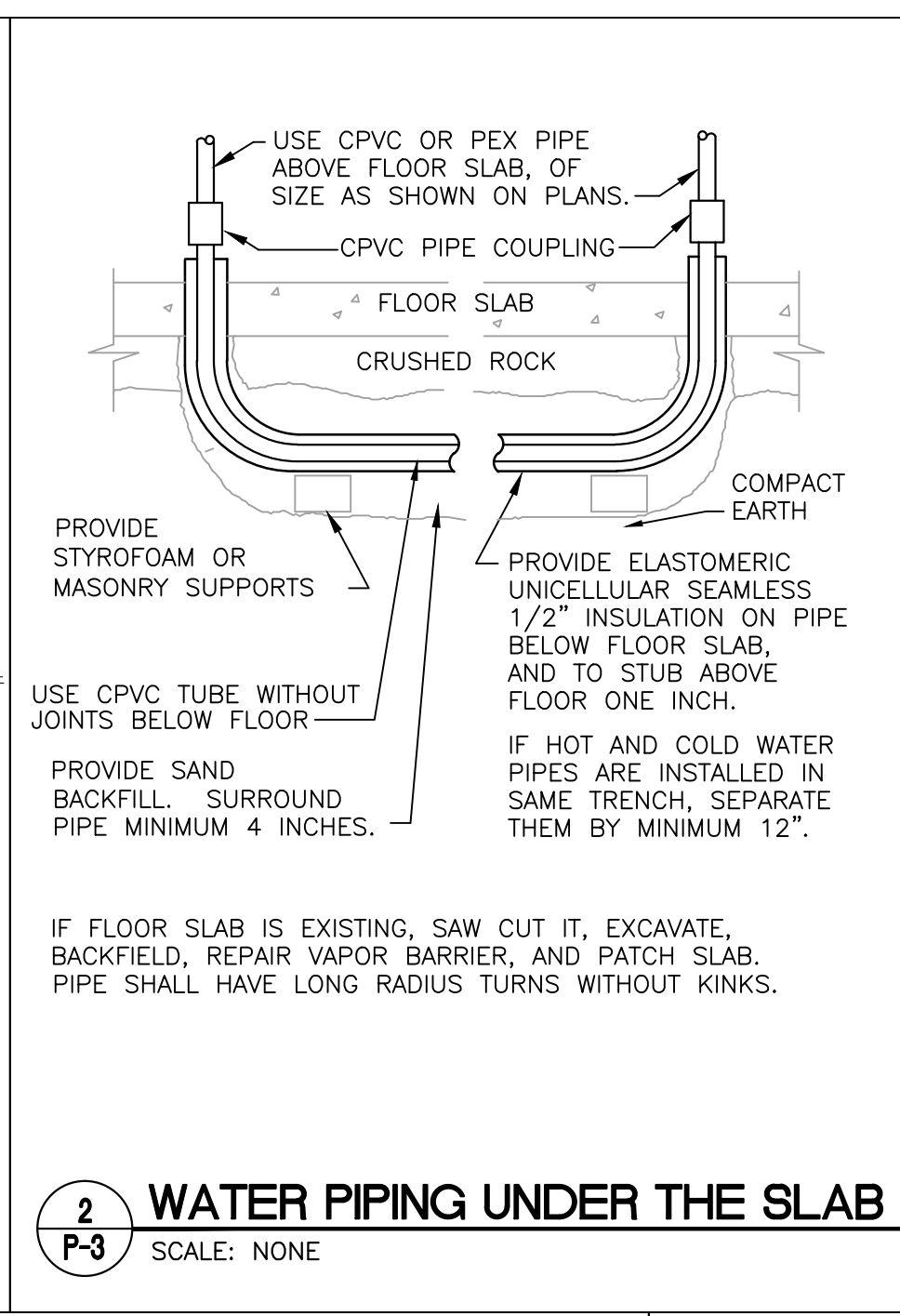
TITLE:
**PLUMBING
DETAILS
CONTINUED**

**SILVESTRI
ARCHITECTS · PC**
921 MILLERSPORT HWY PH. 716.691.0900
AMHERST, NY 14221 FAX 716.691.4773

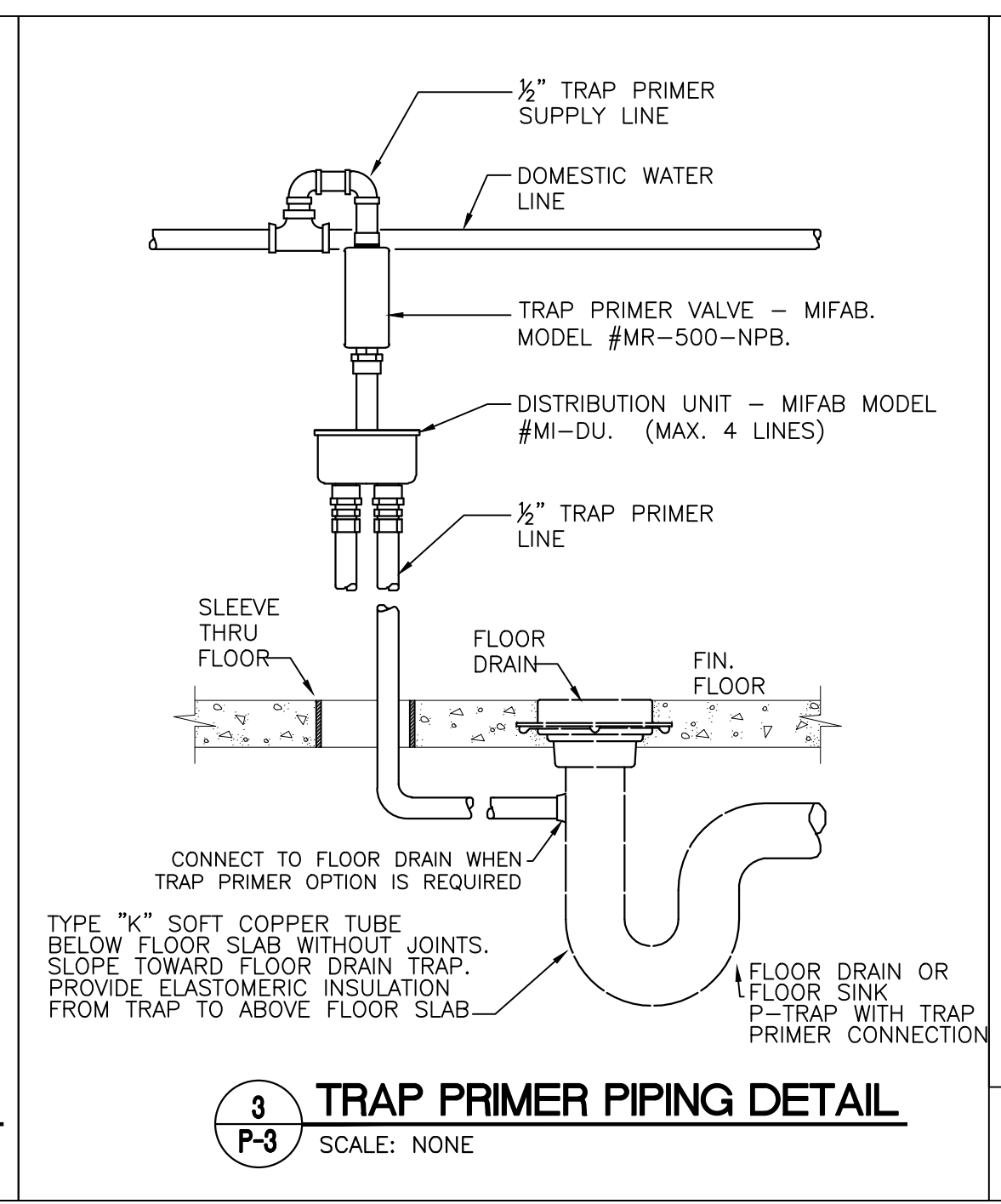
SAJOB #:
07129.03
DATE:
DRAWING #:
P-2



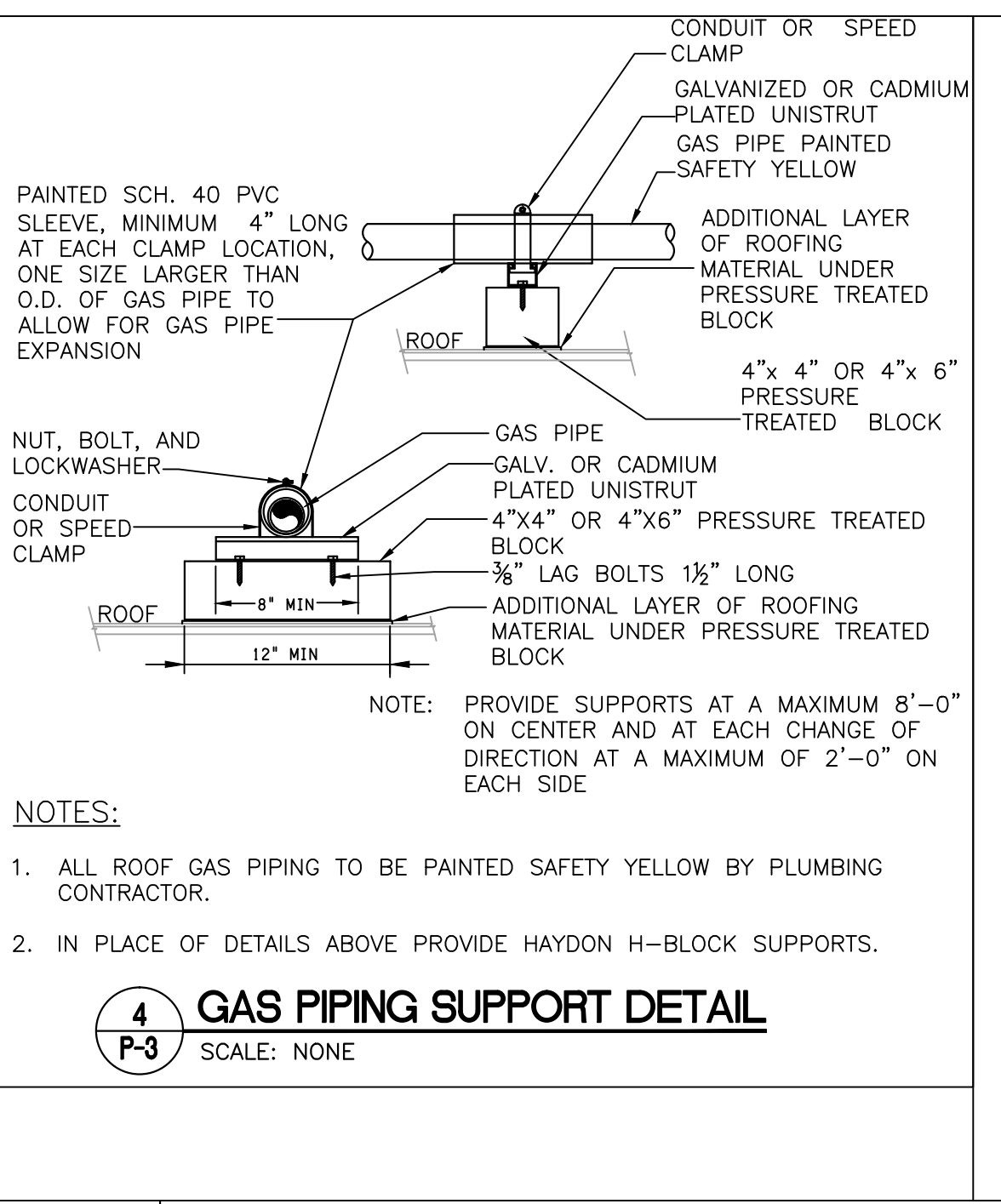
1 FLOOR DRAIN DETAIL
SCALE: NONE



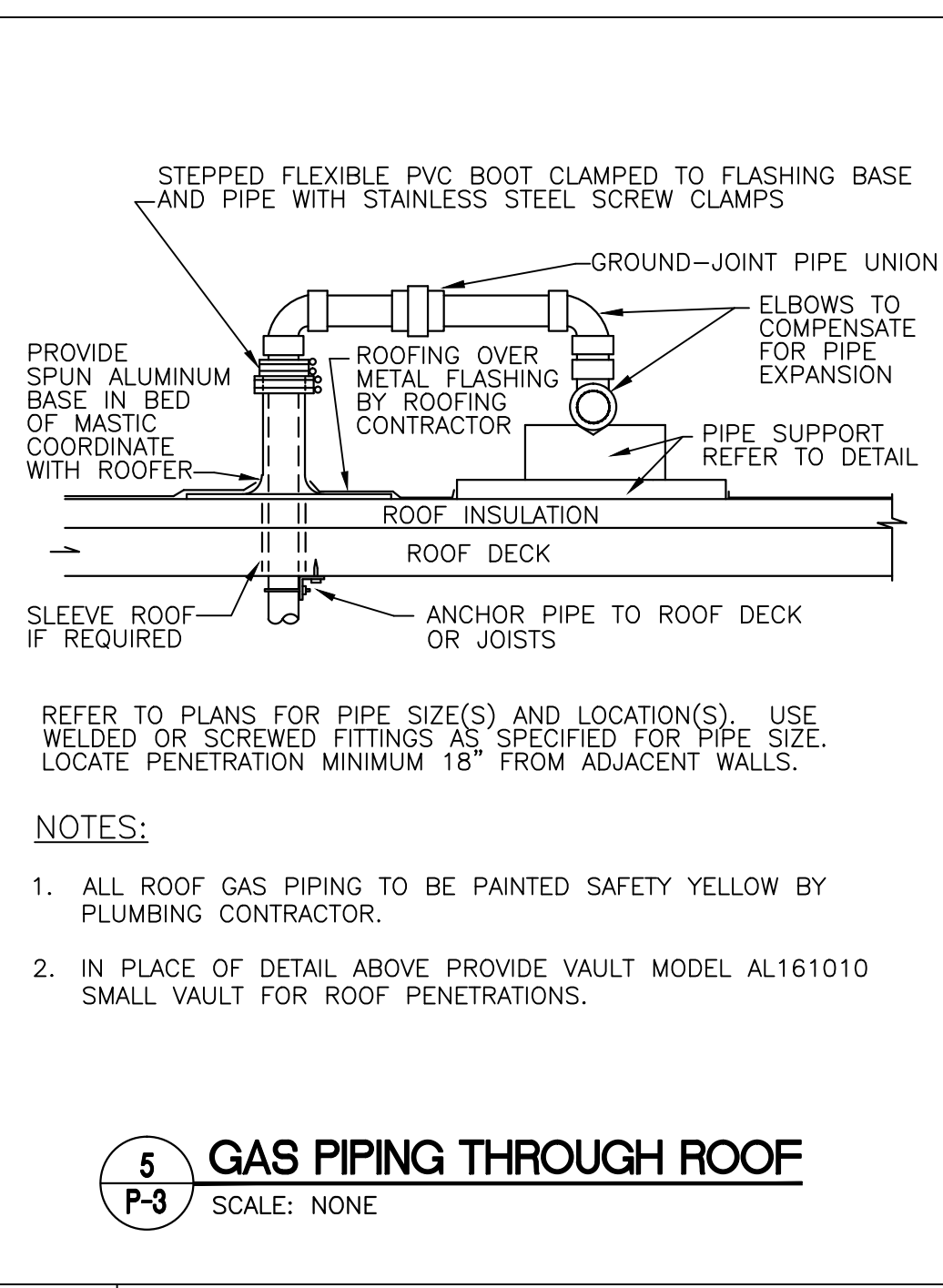
2 WATER PIPING UNDER THE SLAB
SCALE: NONE



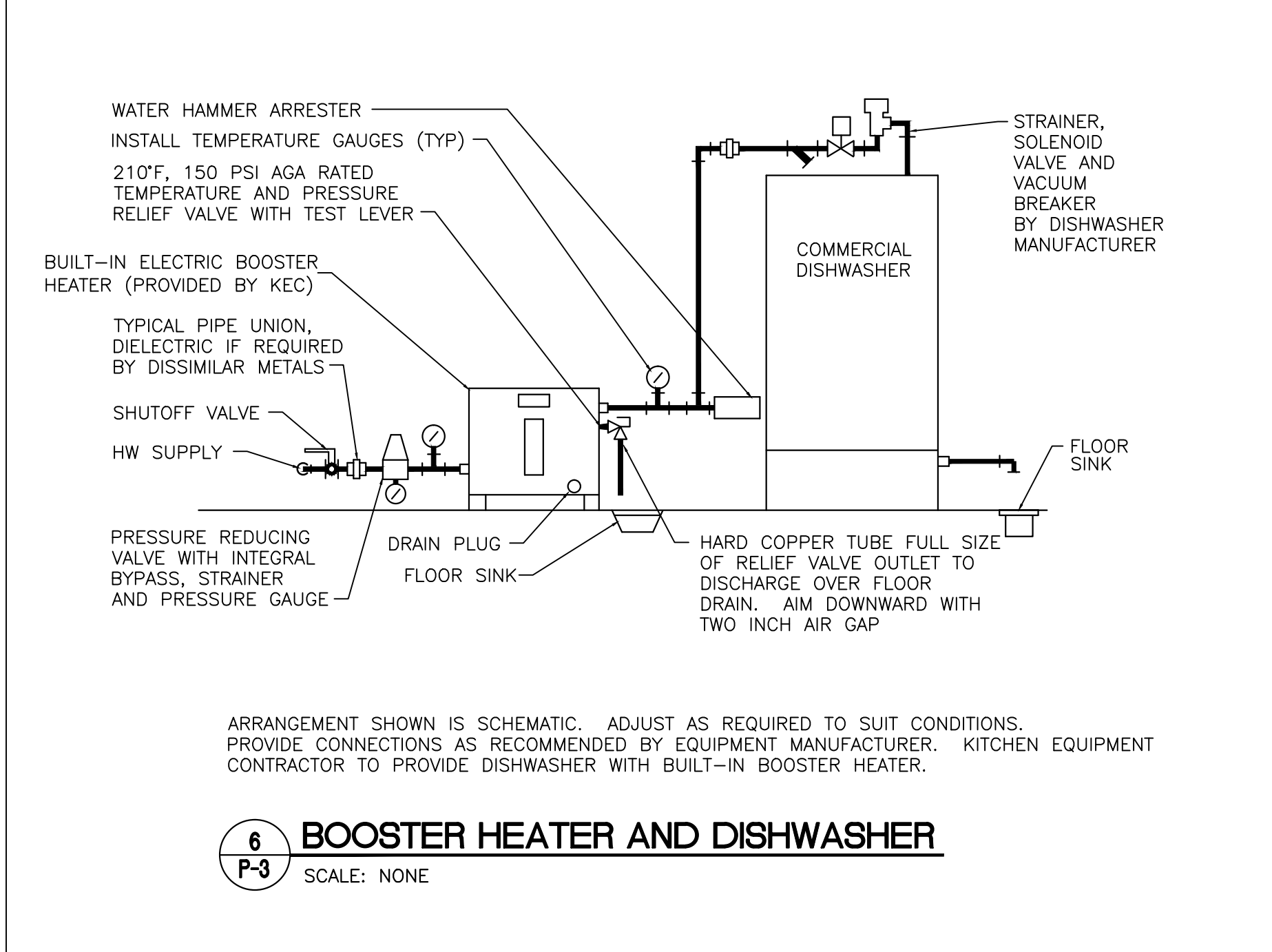
3 TRAP PRIMER PIPING DETAIL
SCALE: NONE



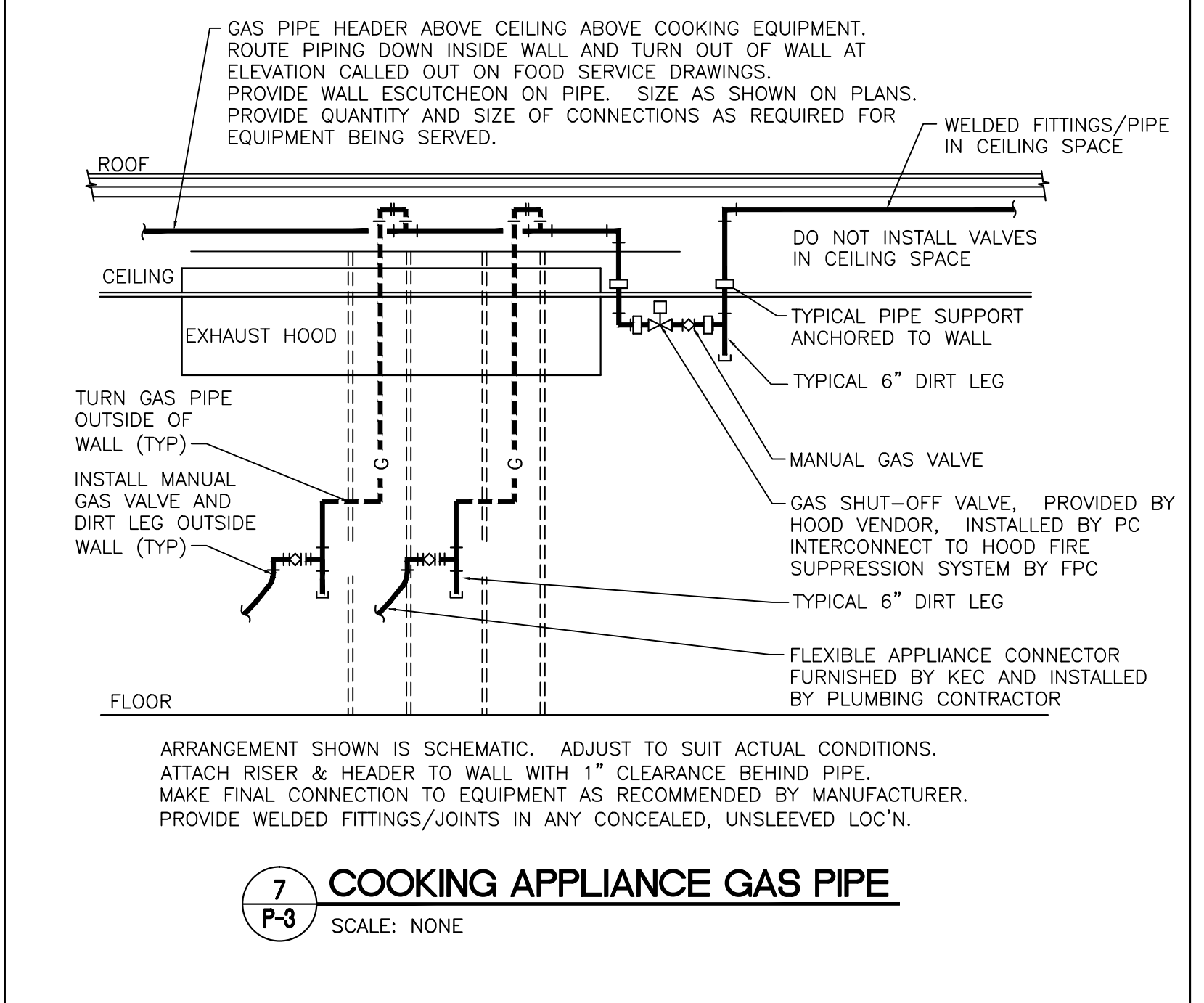
4 GAS PIPING SUPPORT DETAIL
SCALE: NONE



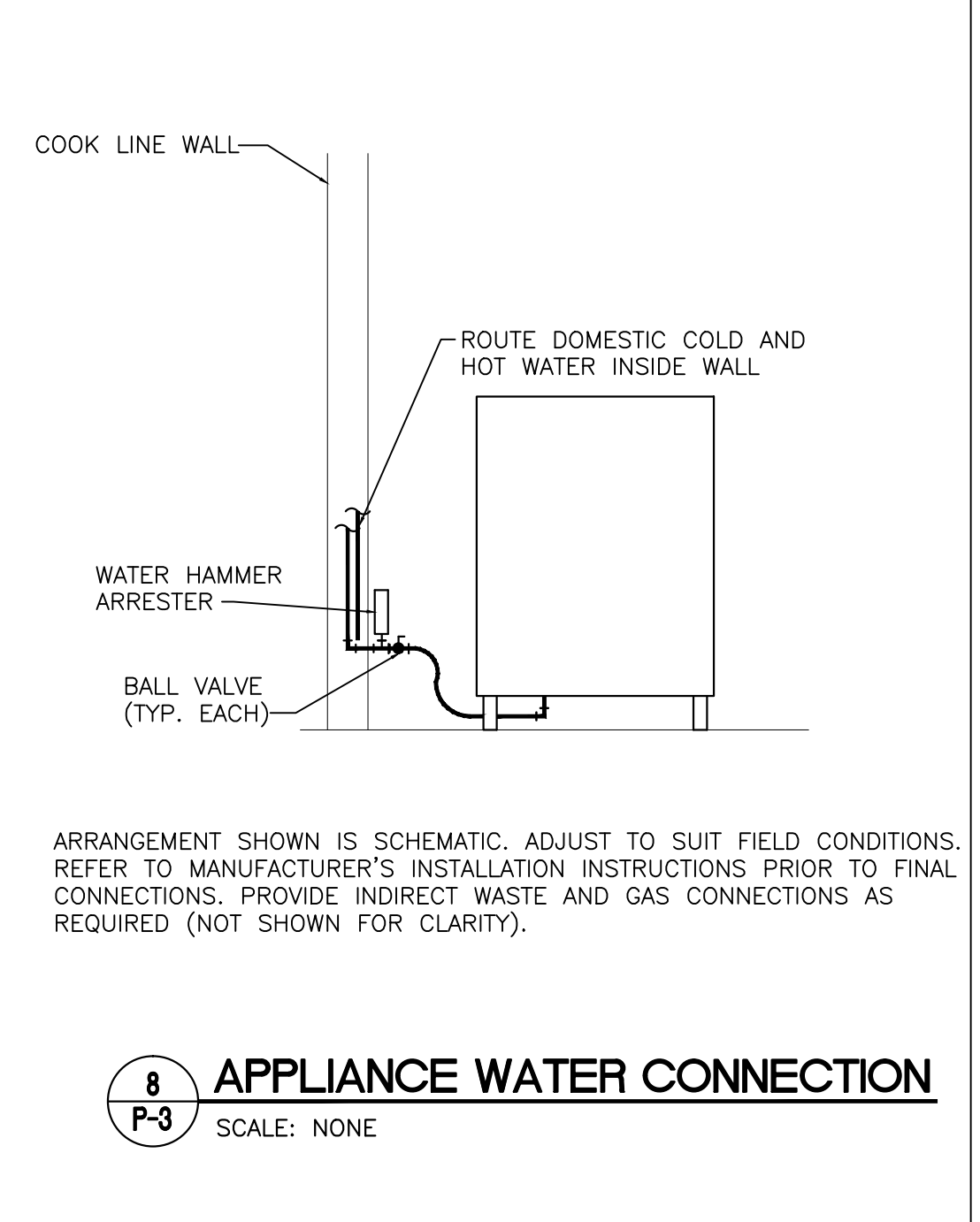
5 GAS PIPING THROUGH ROOF
SCALE: NONE



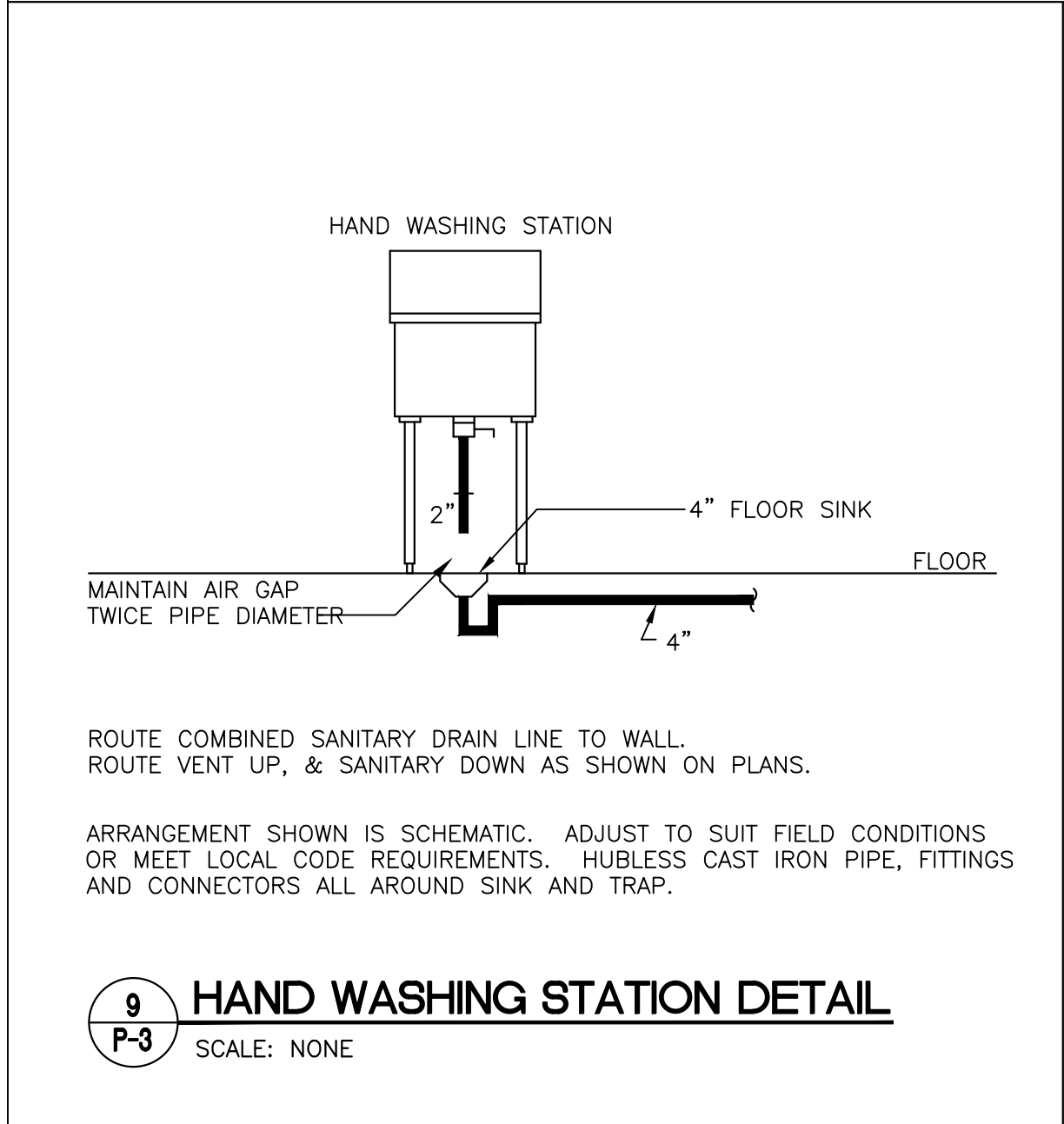
6 BOOSTER HEATER AND DISHWASHER
SCALE: NONE



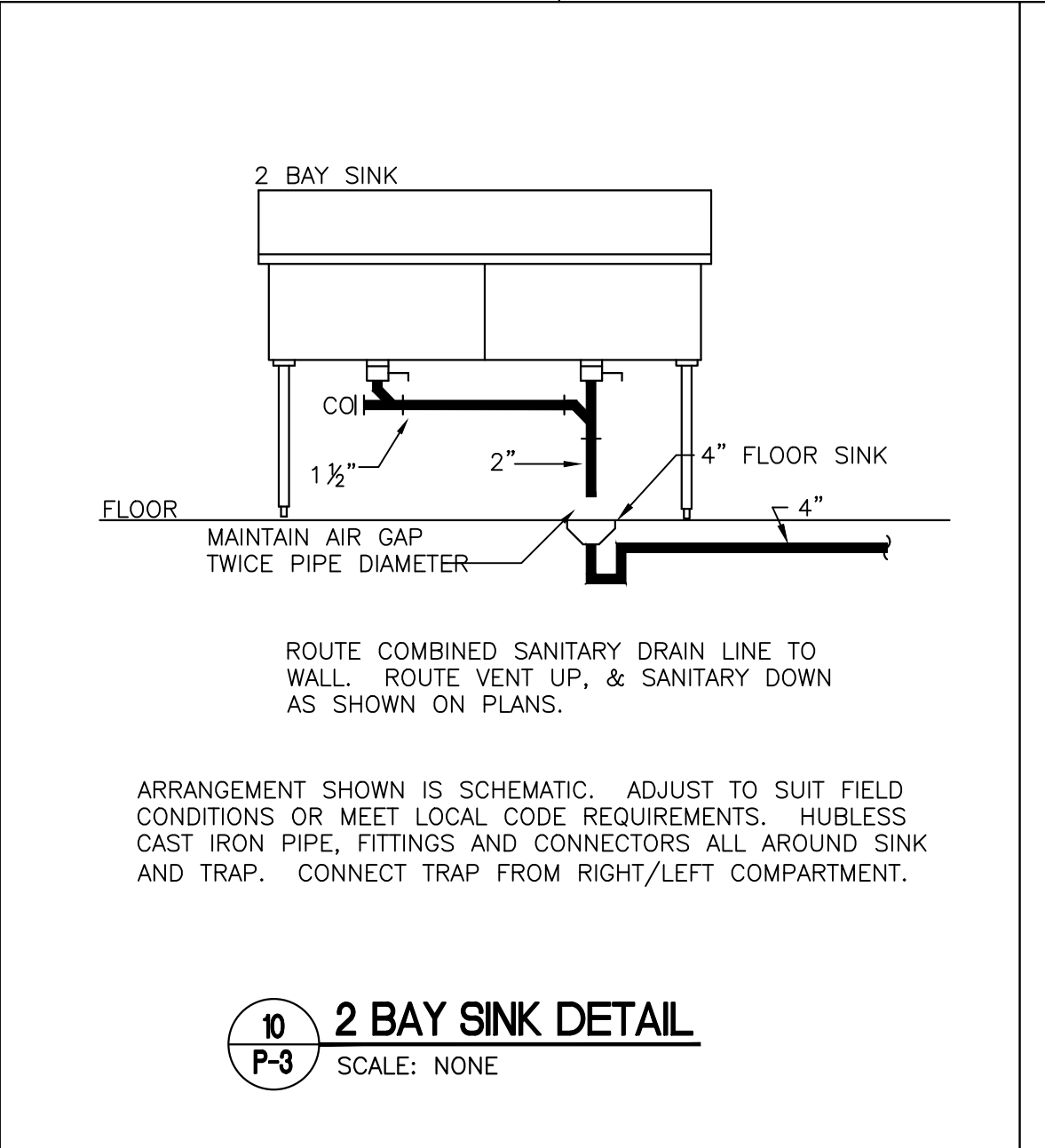
7 COOKING APPLIANCE GAS PIPE
SCALE: NONE



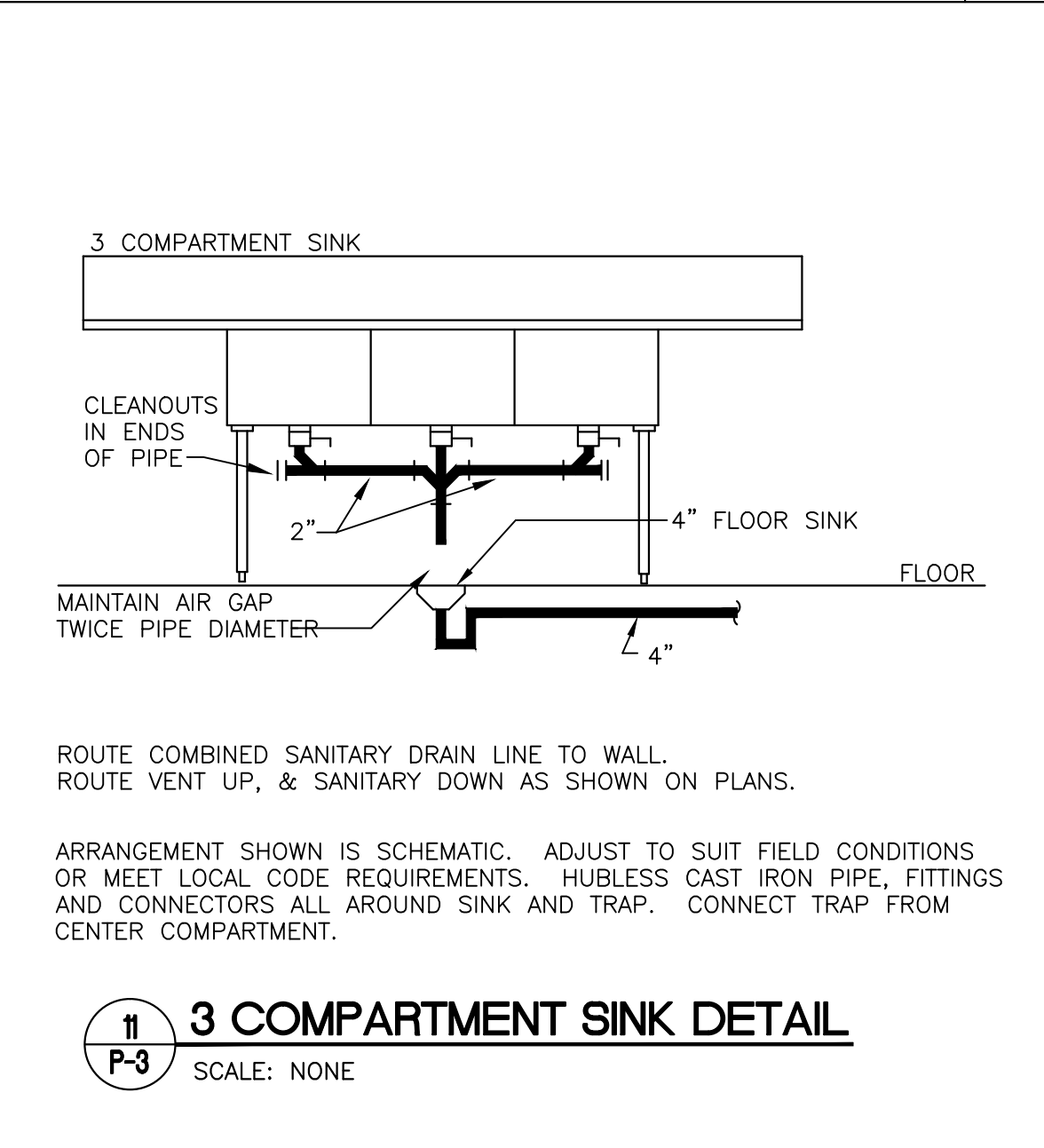
8 APPLIANCE WATER CONNECTION
SCALE: NONE



9 HAND WASHING STATION DETAIL
SCALE: NONE



10 2 BAY SINK DETAIL
SCALE: NONE



11 3 COMPARTMENT SINK DETAIL
SCALE: NONE

NOTICE
This document, the property of, prepared and issued by the architect, is submitted for the specific project named and the recipient by accepting this document assumes custody and agrees that this document will not be copied or reproduced in part or in whole, and any special features peculiar to this design shall not be incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon completion of the project or upon the request of the architect.
This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of compliance with Codes and or Ordinances, i.e. Building Permit, etc.

EBS ENGINEERING, PC
ENGINEERED BUILDING SYSTEMS
REGISTERED PROFESSIONAL ENGINEERS
4050 RIDGE LEA ROAD
SUITE 100 NEW YORK, NY 11428
PHONE: (716) 836-9000
FAX: (716) 836-9036
EMAIL: MAIL@EBSPE.COM
WEBSITE: WWW.EBSPE.COM
COPYRIGHT © 2018 ENGINEERED BUILDING SYSTEMS

JAFFARZA CENTER ADDITION
10300 Transit Road,
Amherst, NY

ISSUE:
REV A
SA PROJECT TEAM: PRINCIPAL P. Silvestri
PROJ ARCH G. Amico DRAFTER
JOB CAPT. A. Maccia INTERIORS K. Bentley

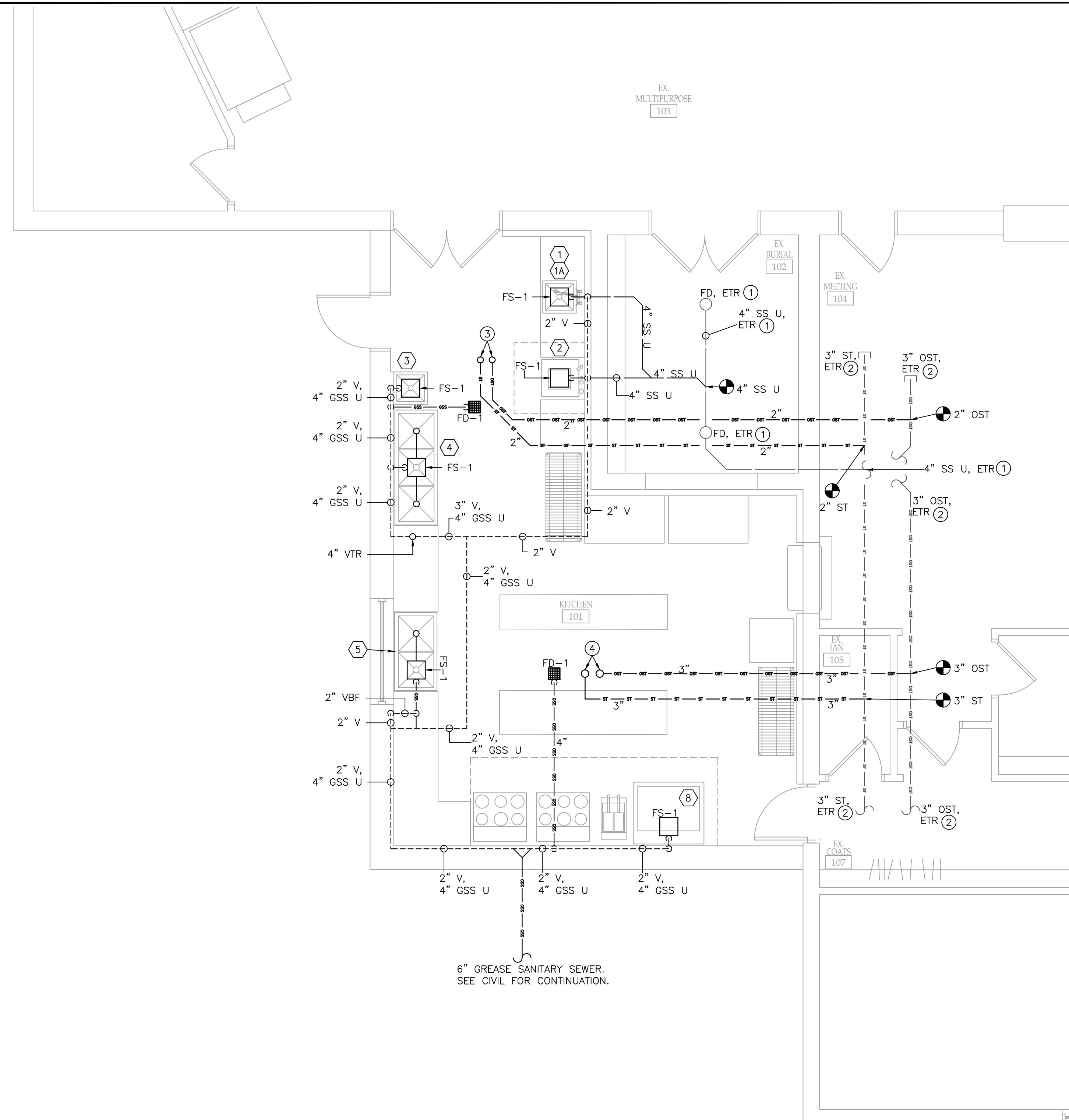
SEAL:
NOT FOR CONSTRUCTION

TITLE:
PLUMBING DETAILS CONTINUED

SILVESTRI ARCHITECTS · PC
321 MILLERSPORT HWY PH. 716.691.0900
AMHERST, NY 14221 FAX 716.691.4773

SAJOB #: **07129.03** DATE:

DRAWING #: **P-3**



1 SANITARY + STORM SEWER FLOOR PLAN
P-4 SCALE: 1/4" = 1'-0"

GENERAL NOTES:

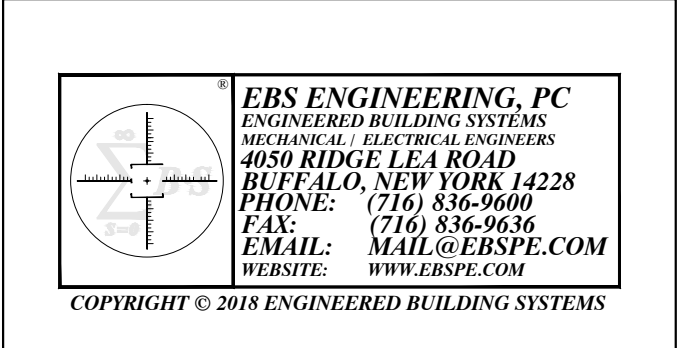
- PRIOR TO BIDDING - CONTRACTOR TO FIELD VERIFY SIZE AND EXACT LOCATIONS OF ALL ABOVE SLAB AND UNDERSLAB PIPING AND ALL OTHER EXISTING CONDITIONS.
- EXISTING PIPING INSULATION IS TO REMAIN. REPLACE PIPE INSULATION OF SAME TYPE ON EXISTING PIPING WHICH WAS REMOVED WHILE MAKING NEW PIPE CONNECTIONS OR REMOVING EXISTING PIPE CONNECTIONS. REINSTALL SPECIFIED INSULATION AS REQUIRED DURING RECONSTRUCTION.
- ALL NEW UNDERSLAB SANITARY SEWER PIPING WILL BE SLOPED DOWN AT 1/8" PER FOOT TO EXISTING SANITARY SEWER.
- COORDINATE ALL PIPING WITH NEW/EXISTING CHANGES IN ELEVATION OF SPACES AND ALL OTHER NEW/EXISTING WORK. ALL PIPING IS TO BE CONCEALED ABOVE CEILINGS, INSIDE SOFFITS, AND INSIDE BUILDING STRUCTURE.
- NOT ALL PIPE SIZES SHOWN. SEE FIXTURE SCHEDULE FOR MAIN CONNECTIONS SIZES.
- NOT ALL SHUTOFF VALVES ARE SHOWN. SHUTOFF VALVES FOR ALL FIXTURES DOMESTIC WATER CONNECTIONS SHALL BE LOCATED WHERE THEY ARE ACCESSIBLE. PROVIDE ACCESS DOOR AS REQUIRED PER FIXTURE IF VALVES WILL NOT BE ACCESSIBLE. SEE FIXTURE SCHEDULE FOR PIPE SIZES.
- ALL VENTED FIXTURES ARE TO HAVE THE VENT PIPING CONNECT TO THE SANITARY PIPING ABOVE THE FLOOR RIM. VENT PIPING COMING FROM BELOW THE FLOOR (I.E. TOILET VENTS, FLOOR DRAINS, AND SLOP SINK) SHALL COME OFF THE TOP OF THE SANITARY PIPE. FIXTURES THAT ARE VENTED BEFORE SANITARY HEADS BELOW THE FLOOR (I.E. KITCHEN SINKS AND HAND SINKS) SHALL HAVE THE VENT GO UP AND THE SANITARY GO DOWN AT LOCATION INDICATED. AIR ADMITTANCE VALVES MAY BE SUBSTITUTED FOR VENTING IN NOTED AREAS.
- BREAKS ARE SHOWN IN THE PIPING (BOTH UNDERSLAB AND ABOVE CEILING) FOR CLARITY ONLY. ALL SYSTEMS SHALL BE INSTALLED IN THEIR ENTIRETY FOR A FULL WORKING SYSTEM.

PLUMBING DRAWING NOTES (P):

(NOTE: THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY DRAWING.)

- POSSIBLE SANITARY MAIN LOCATION. CONTRACTOR TO VERIFY SIZE, LOCATION, AND INVERTS IN FIELD. ALL SANITARY PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAINS PER CODE. SEE GENERAL NOTE #1.
- POSSIBLE STORM/STORM OVERFLOW MAIN LOCATIONS. CONTRACTOR TO VERIFY SIZE, LOCATION, AND INVERTS IN FIELD. ALL STORM PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAINS PER CODE. SEE GENERAL NOTE #1.
- 2" ST AND OST DOWN FROM RD/ORD.
- 3" ST AND OST DOWN FROM RD/ORD.
- FIRE PROTECTION SERVICE BY OTHERS. SHOWN FOR CLARITY ONLY.
- CONTRACTOR IS TO INVESTIGATE EXISTING NATURAL GAS PIPING SYSTEM. CONTRACTOR TO FIELD VERIFY EXACT EXISTING GAS LOADS AND LOCATIONS OF EXISTING METER AND ALL EXISTING PIPING AND SIZES. EXISTING METER IS INSUFFICIENT TO SUPPORT ADDITIONAL LOAD OF 1,134.273 MBH REQUIRED FOR THE ADDITION. THE NEW METER SHALL BE INSTALLED IN SAME LOCATION AS EXISTING REMOVED METER, AS SHOWN ON PLANS. PROVIDE COMPLETE CODE COMPLIANT SYSTEM FOR THE ENTIRE BUILDING SERVED BY THE GAS SERVICE SHOWN ON PLANS. CONTRACTOR TO PROVIDE AS-BUILTS WHEN PROJECT IS COMPLETE. SEE DETAILS #1, #2, AND #3 ON DRAWING P-1.
- POSSIBLE DOMESTIC COLD MAIN LOCATION. CONTRACTOR TO VERIFY SIZE AND LOCATION IN FIELD. ALL COLD WATER PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAIN PER CODE. SEE GENERAL NOTE #1.
- COORDINATE DOMESTIC HOT AND COLD WATER INSIDE WALL FOR KE #5. PIPING TO FIXTURE IS TO BE RUN THROUGH THE CABINETS UNDER THE COUNTERTOP AND UNDER THE FIXTURE.
- COMBINE 4" AIR INTAKE AND 4" FLUE FOR ONE CONCENTRIC ROOF PENETRATION. CONCENTRIC MUST BE 10'-0" FROM AIR INTAKES. SEE DETAIL #2 ON DRAWING P-2. SEE WATER HEATER SCHEDULE.

NOTICE
 This document, the property of, prepared and issued by the architect, is submitted for the specific project named and the recipient by accepting this document assumes custody and agrees that this document will not be copied or reproduced in part or in whole, and any special features peculiar to this design shall not be incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon completion of the project or upon the request of the architect.
 This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of compliance with Codes and or Ordinances, i.e. Building Permit, etc.



JAFFARZA CENTER ADDITION
 10300 Transit Road,
 Amherst, NY

ISSUE:
NO WAY

SA PROJECT TEAM: PRINCIPAL P. Silvestri
 PROJ ARCH G. Amico DRAFTER
 JOB CADD: A. Amico INTERIORS K. Bentley

SEAL:
NO WAY

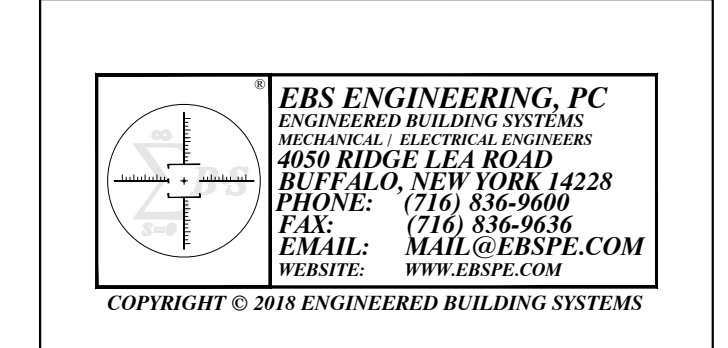
TITLE:
PLUMBING SANITARY & STORM SEWER FLOOR PLAN



SA JOB #: 07129.03
 DATE:

DRAWING #: P-4

NOTICE
 This document, the property of, prepared and issued by the architect, is submitted for the specific project named _____ and the recipient by accepting this document assumes custody and agrees that this document will not be copied or reproduced in part or in whole, and any special features peculiar to this design shall not be incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon completion of the project or upon the request of the architect.
 This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of compliance with Codes and or Ordinances, i.e. Building Permit, etc.



**JAFFAROVA CENTER
 KITCHEN ADDITION**
 10300 Transit Road,
 Amherst, NY

ISSUE:
 SA PROJECT TEAM: PRINCIPAL P. Silvestri
 PROJECT ARCH: G. Gamsic DRAFTER
 JOB CHIEF: A. Gamsic INTERIORS: K. Bentley

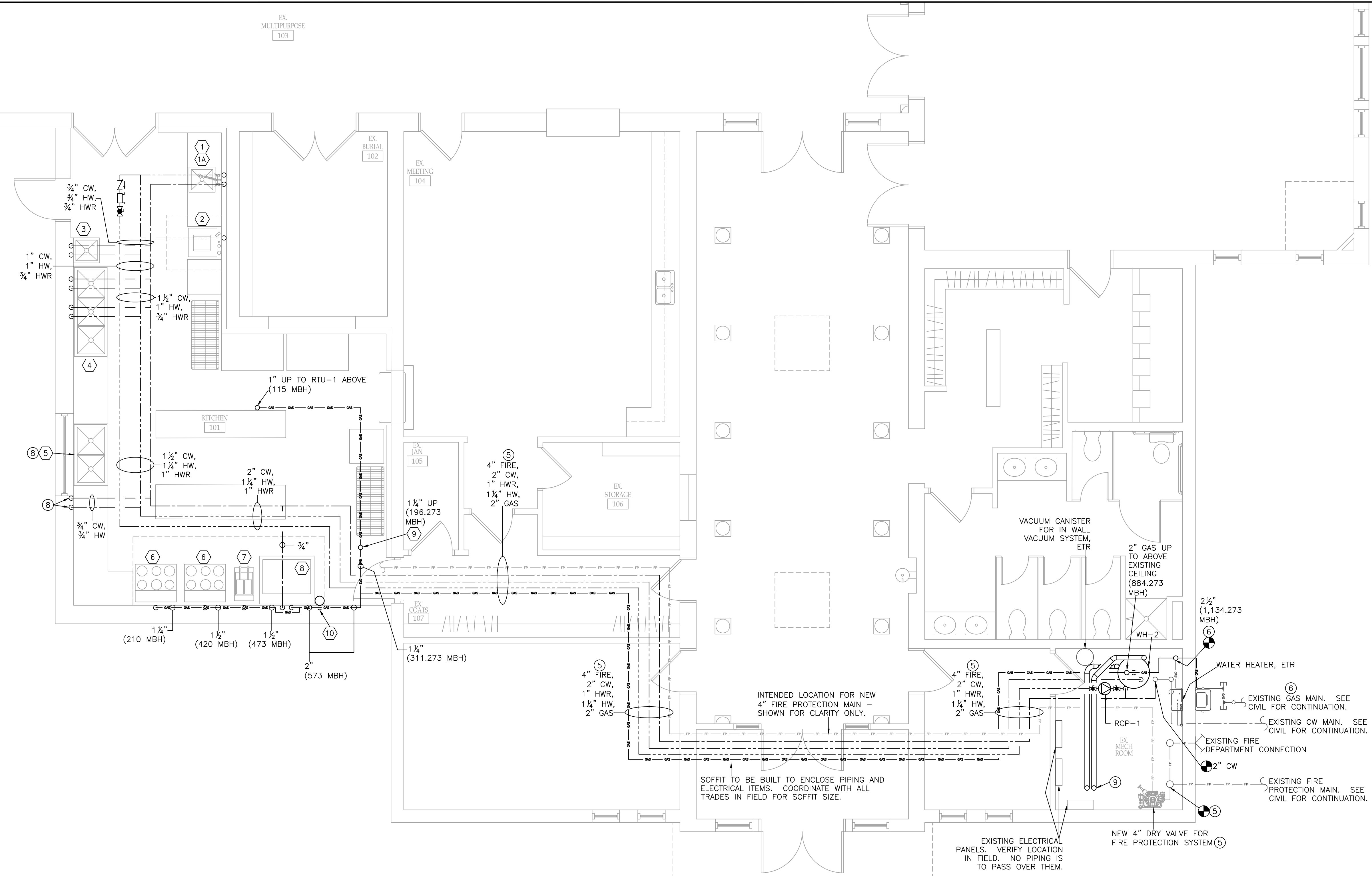
SEAL:
NOT FOR CONSTRUCTION

TITLE:
PLUMBING DOMESTIC WATER & NATURAL GAS FLOOR PLAN



SAJOB#: 07129.03 DATE:

DRAWING#: P-5

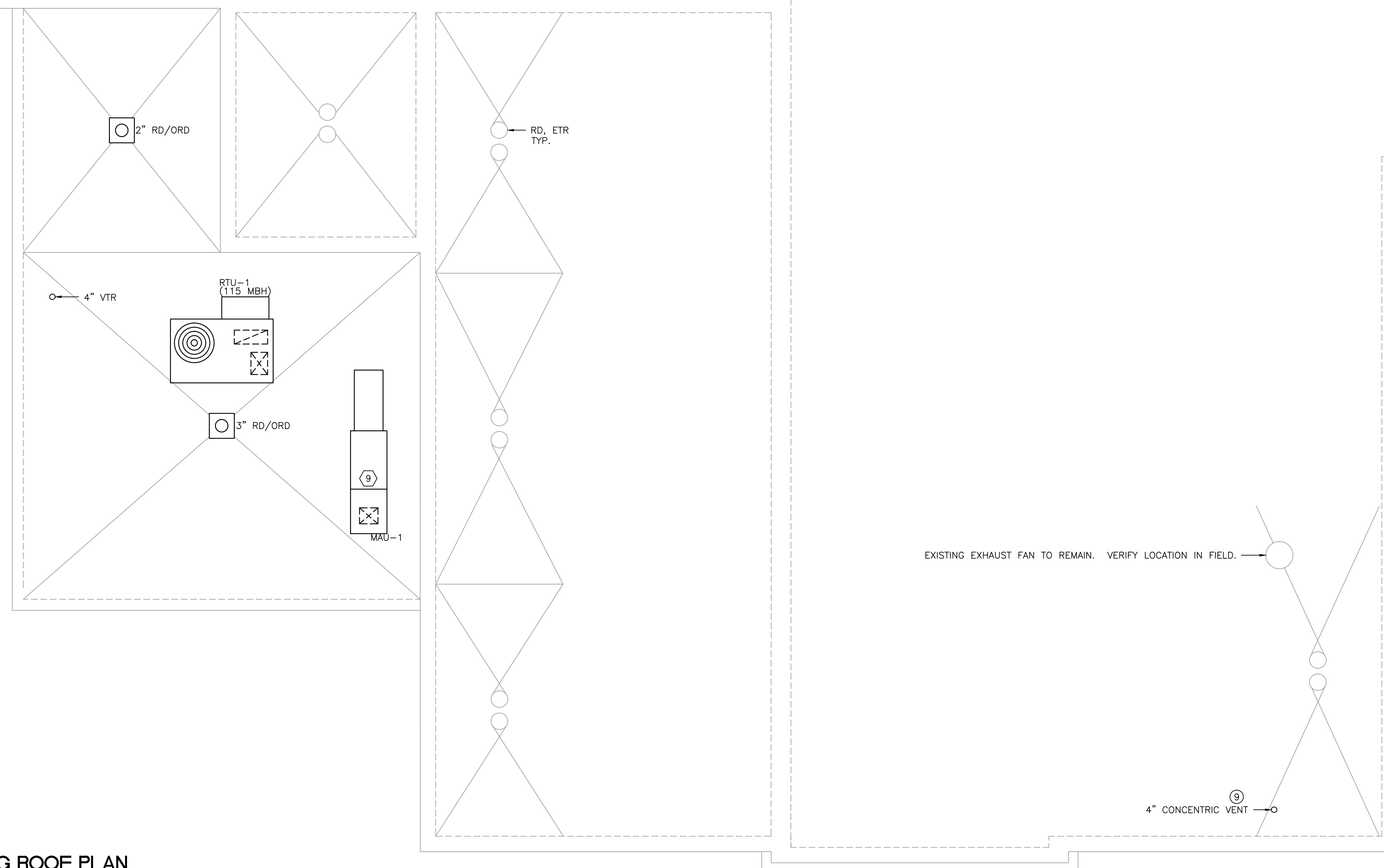


1 P-5 DOMESTIC WATER + NATURAL GAS OVERALL FLOOR PLAN
 SCALE: 1/4" = 1'-0"

- PLUMBING DRAWING NOTES (N):**
 (NOTE: THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY DRAWING.)
- POSSIBLE SANITARY MAIN LOCATION. CONTRACTOR TO VERIFY SIZE, LOCATION, AND INVERTS IN FIELD. ALL SANITARY PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAIN PER CODE. SEE GENERAL NOTE #1.
 - POSSIBLE STORM/STORM OVERFLOW MAIN LOCATIONS. CONTRACTOR TO VERIFY SIZE, LOCATION, AND INVERTS IN FIELD. ALL STORM PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAINS PER CODE. SEE GENERAL NOTE #1.
 - 2" ST AND OST DOWN FROM RD/ORD.
 - 3" ST AND OST DOWN FROM RD/ORD.
 - FIRE PROTECTION SERVICE BY OTHERS. SHOWN FOR CLARITY ONLY.
 - CONTRACTOR IS TO INVESTIGATE EXISTING NATURAL GAS PIPING SYSTEM. CONTRACTOR TO FIELD VERIFY EXACT EXISTING GAS LOADS AND LOCATIONS OF EXISTING METER AND ALL EXISTING PIPING AND SIZES. EXISTING METER IS INSUFFICIENT TO SUPPORT ADDITIONAL LOAD OF 1,134.273 MBH REQUIRED FOR THE ADDITION. THE NEW METER SHALL BE INSTALLED IN SAME LOCATION AS EXISTING REMOVED METER, AS SHOWN ON PLANS. PROVIDE COMPLETE CODE COMPLIANT SYSTEM FOR THE ENTIRE BUILDING SERVED BY THE GAS SERVICE SHOWN ON PLANS. CONTRACTOR TO PROVIDE AS-BUILTS WHEN PROJECT IS COMPLETE. SEE DETAILS #1, #2, AND #3 ON DRAWING P-1.
 - POSSIBLE DOMESTIC COLD MAIN LOCATION. CONTRACTOR TO VERIFY SIZE AND LOCATION IN FIELD. ALL COLD WATER PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAIN PER CODE. SEE GENERAL NOTE #1.
 - COORDINATE DOMESTIC HOT AND COLD WATER INSIDE WALL FOR KE #5. PIPING TO FIXTURE IS TO BE RUN THROUGH THE CABINETS UNDER THE COUNTERTOP AND UNDER THE FIXTURE.
 - COMBINE 4" AIR INTAKE AND 4" FLUE FOR ONE CONCENTRIC ROOF PENETRATION. CONCENTRIC MUST BE 10'-0" FROM AIR INTAKES. SEE DETAIL #2 ON DRAWING P-2. SEE WATER HEATER SCHEDULE.

- GENERAL NOTES:**
- PRIOR TO BIDDING - CONTRACTOR TO FIELD VERIFY SIZE AND EXACT LOCATIONS OF ALL ABOVE SLAB AND UNDERSLAB PIPING AND ALL OTHER EXISTING CONDITIONS.
 - EXISTING PIPING INSULATION IS TO REMAIN. REPLACE PIPE INSULATION OF SAME TYPE ON EXISTING PIPING WHICH WAS REMOVED WHILE MAKING NEW PIPE CONNECTIONS OR REMOVING EXISTING PIPE CONNECTIONS. REINSTALL SPECIFIED INSULATION AS REQUIRED DURING RECONSTRUCTION.
 - ALL NEW UNDERSLAB SANITARY SEWER PIPING WILL BE SLOPED DOWN AT 1/8" PER FOOT TO EXISTING SANITARY SEWER.
 - COORDINATE ALL PIPING WITH NEW/EXISTING CHANGES IN ELEVATION OF SPACES AND ALL OTHER NEW/EXISTING WORK. ALL PIPING IS TO BE CONCEALED ABOVE CEILING, INSIDE SOFFITS, AND INSIDE BUILDING STRUCTURE.
 - NOT ALL PIPE SIZES SHOWN. SEE FIXTURE SCHEDULE FOR MAIN CONNECTIONS SIZES.
 - NOT ALL SHUTOFF VALVES ARE SHOWN. SHUTOFF VALVES FOR ALL FIXTURES DOMESTIC WATER CONNECTIONS SHALL BE LOCATED WHERE THEY ARE ACCESSIBLE. PROVIDE ACCESS DOOR AS REQUIRED PER FIXTURE IF VALVES WILL NOT BE ACCESSIBLE. SEE FIXTURE SCHEDULE FOR PIPE SIZES.
 - ALL VENTED FIXTURES ARE TO HAVE THE VENT PIPING CONNECT TO THE SANITARY PIPING ABOVE THE FLOOR RIM. VENT PIPING COMING FROM BELOW THE FLOOR (I.E. TOILET VENTS, FLOOR DRAINS, AND SLOP SINK) SHALL COME OFF THE TOP OF THE SANITARY PIPE. FIXTURES THAT ARE VENTED BEFORE SANITARY HEADS BELOW THE FLOOR (I.E. KITCHEN SINKS AND HAND SINKS) SHALL HAVE THE VENT GO UP AND THE SANITARY GO DOWN AT LOCATION INDICATED. AIR ADMITTANCE VALVES MAY BE SUBSTITUTED FOR VENTING IN NOTED AREAS.
 - BREAKS ARE SHOWN IN THE PIPING (BOTH UNDERSLAB AND ABOVE CEILING) FOR CLARITY ONLY. ALL SYSTEMS SHALL BE INSTALLED IN THEIR ENTIRETY FOR A FULL WORKING SYSTEM.

1 PLUMBING ROOF PLAN
P-6 SCALE: 1/4" = 1'-0"



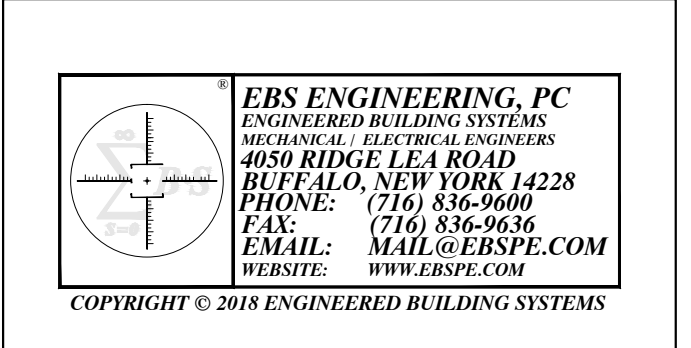
PLUMBING DRAWING NOTES (N):

- (NOTE: THIS IS A MASTER LIST. NOT EVERY NOTE IS USED ON EVERY DRAWING.)
- POSSIBLE SANITARY MAIN LOCATION. CONTRACTOR TO VERIFY SIZE, LOCATION, AND INVERTS IN FIELD. ALL SANITARY PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAIN PER CODE. SEE GENERAL NOTE #1.
 - POSSIBLE STORM/STORM OVERFLOW MAIN LOCATIONS. CONTRACTOR TO VERIFY SIZE, LOCATION, AND INVERTS IN FIELD. ALL STORM PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAINS PER CODE. SEE GENERAL NOTE #1.
 - 2" ST AND OST DOWN FROM RD/ORD.
 - 3" ST AND OST DOWN FROM RD/ORD.
 - FIRE PROTECTION SERVICE BY OTHERS. SHOWN FOR CLARITY ONLY.
 - CONTRACTOR IS TO INVESTIGATE EXISTING NATURAL GAS PIPING SYSTEM. CONTRACTOR TO FIELD VERIFY EXACT EXISTING GAS LOADS AND LOCATIONS OF EXISTING METER AND ALL EXISTING PIPING AND SIZES. EXISTING METER IS INSUFFICIENT TO SUPPORT ADDITIONAL LOAD OF 1,134,273 MBH REQUIRED FOR THE ADDITION. THE NEW METER SHALL BE INSTALLED IN SAME LOCATION AS EXISTING REMOVED METER, AS SHOWN ON PLANS. PROVIDE COMPLETE CODE COMPLIANT SYSTEM FOR THE ENTIRE BUILDING SERVED BY THE GAS SERVICE SHOWN ON PLANS. CONTRACTOR TO PROVIDE AS-BUILTS WHEN PROJECT IS COMPLETE. SEE DETAILS #1, #2, AND #3 ON DRAWING P-1.
 - POSSIBLE DOMESTIC COLD MAIN LOCATION. CONTRACTOR TO VERIFY SIZE AND LOCATION IN FIELD. ALL COLD WATER PIPING SHOWN AS NEW SHALL BE ADJUSTED AS NECESSARY TO CONNECT TO EXISTING MAIN PER CODE. SEE GENERAL NOTE #1.
 - COORDINATE DOMESTIC HOT AND COLD WATER INSIDE WALL FOR KE #5. PIPING TO FIXTURE IS TO BE RUN THROUGH THE CABINETS UNDER THE COUNTERTOP AND UNDER THE FIXTURE.
 - COMBINE 4" AIR INTAKE AND 4" FLUE FOR ONE CONCENTRIC ROOF PENETRATION. CONCENTRIC MUST BE 10'-0" FROM AIR INTAKES. SEE DETAIL #2 ON DRAWING P-2. SEE WATER HEATER SCHEDULE.

GENERAL NOTES:

- PRIOR TO BIDDING - CONTRACTOR TO FIELD VERIFY SIZE AND EXACT LOCATIONS OF ALL ABOVE SLAB AND UNDERSLAB PIPING AND ALL OTHER EXISTING CONDITIONS.
- EXISTING PIPING INSULATION IS TO REMAIN. REPLACE PIPE INSULATION OF SAME TYPE ON EXISTING PIPING WHICH WAS REMOVED WHILE MAKING NEW PIPE CONNECTIONS OR REMOVING EXISTING PIPE CONNECTIONS. REINSTALL SPECIFIED INSULATION AS REQUIRED DURING RECONSTRUCTION.
- ALL NEW UNDERSLAB SANITARY SEWER PIPING WILL BE SLOPED DOWN AT 1/8" PER FOOT TO EXISTING SANITARY SEWER.
- COORDINATE ALL PIPING WITH NEW/EXISTING CHANGES IN ELEVATION OF SPACES AND ALL OTHER NEW/EXISTING WORK. ALL PIPING IS TO BE CONCEALED ABOVE CEILINGS, INSIDE SOFFITS, AND INSIDE BUILDING STRUCTURE.
- NOT ALL PIPE SIZES SHOWN. SEE FIXTURE SCHEDULE FOR MAIN CONNECTIONS SIZES.
- NOT ALL SHUTOFF VALVES ARE SHOWN. SHUTOFF VALVES FOR ALL FIXTURES DOMESTIC WATER CONNECTIONS SHALL BE LOCATED WHERE THEY ARE ACCESSIBLE. PROVIDE ACCESS DOOR AS REQUIRED PER FIXTURE IF VALVES WILL NOT BE ACCESSIBLE. SEE FIXTURE SCHEDULE FOR PIPE SIZES.
- ALL VENTED FIXTURES ARE TO HAVE THE VENT PIPING CONNECT TO THE SANITARY PIPING ABOVE THE FLOOR RIM. VENT PIPING COMING FROM BELOW THE FLOOR (I.E. TOILET VENTS, FLOOR DRAINS, AND SLOP SINK) SHALL COME OFF THE TOP OF THE SANITARY PIPE. FIXTURES THAT ARE VENTED BEFORE SANITARY HEADS BELOW THE FLOOR (I.E. KITCHEN SINKS AND HAND SINKS) SHALL HAVE THE VENT GO UP AND THE SANITARY GO DOWN AT LOCATION INDICATED. AIR ADMITTANCE VALVES MAY BE SUBSTITUTED FOR VENTING IN NOTED AREAS.
- BREAKS ARE SHOWN IN THE PIPING (BOTH UNDERSLAB AND ABOVE CEILING) FOR CLARITY ONLY. ALL SYSTEMS SHALL BE INSTALLED IN THEIR ENTIRETY FOR A FULL WORKING SYSTEM.

NOTICE
 This document, the property of, prepared and issued by the architect, is submitted for the specific project and the recipient by accepting this document assumes custody and agrees that this document will not be copied or reproduced in part or in whole, and any special features peculiar to this design shall not be incorporated in any other project, unless prior agreement has been obtained in writing. These documents will be returned immediately upon completion of the project or upon the request of the architect.
 This document is the exclusive property of the architect, no rights to ownership are transferable, or shall be lost by the filing of this document with any and all public authorities for the purpose of compliance with Codes and or Ordinances, i.e. Building Permit, etc.



JAFFAROVA CENTER ADDITION
 10300 Transit Road,
 Amherst, NY

ISSUE:
NO

SA PROJECT TEAM: PRINCIPAL P. Silvestri
 PROJ ARCH G. Gamsic DRAFTER
 JOB CAPT. A. Aleski INTERIORS K. Bentley

SEAL:
NO

TITLE:
PLUMBING ROOF PLAN

NO



SAJOB #:
0712903

DRAWING #:
P-6

NOT FOR CONSTRUCTION

