



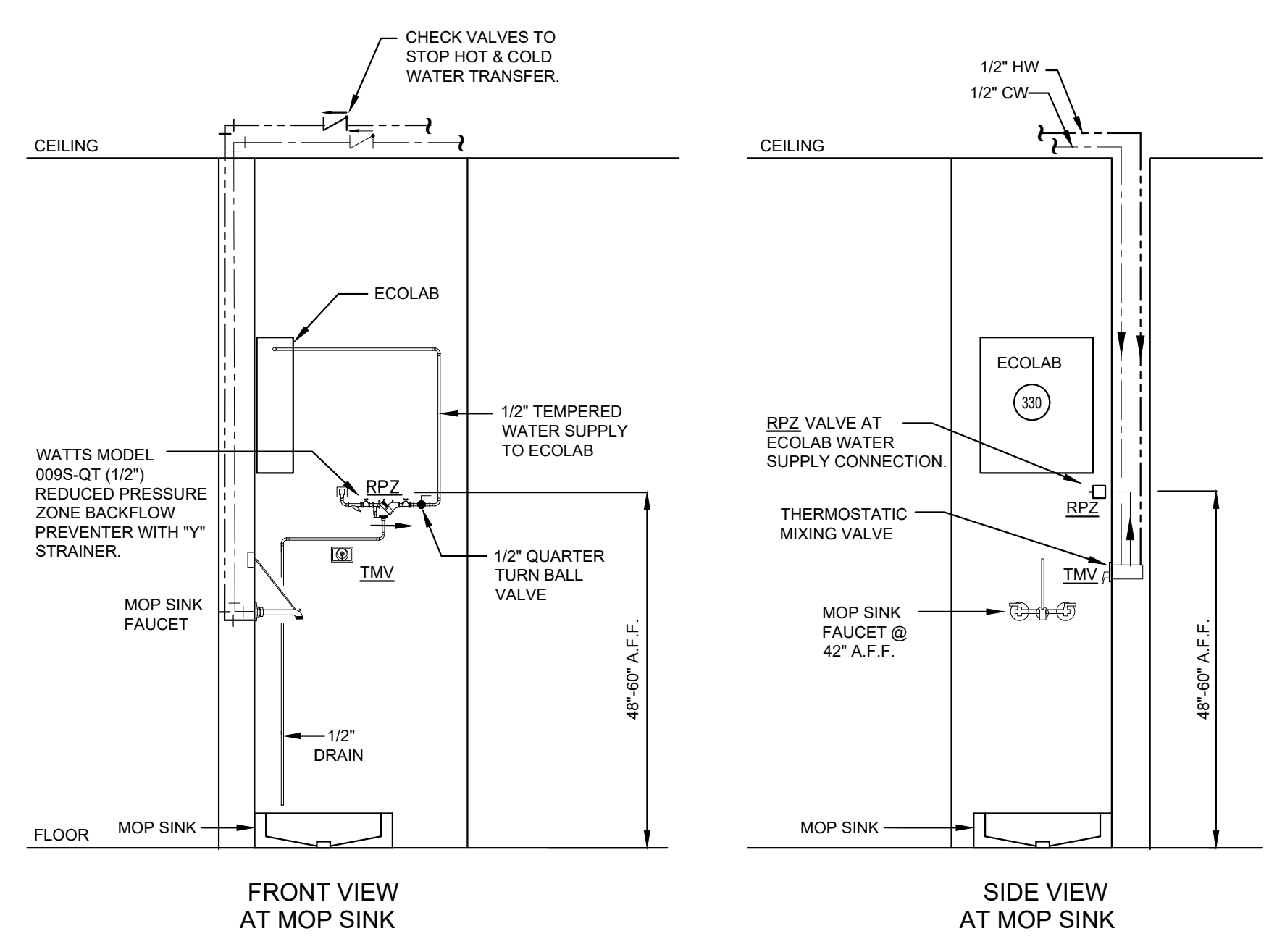
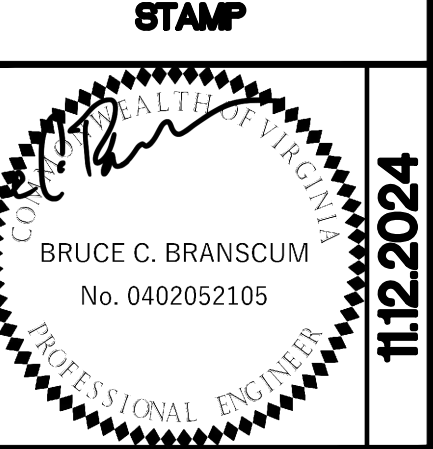








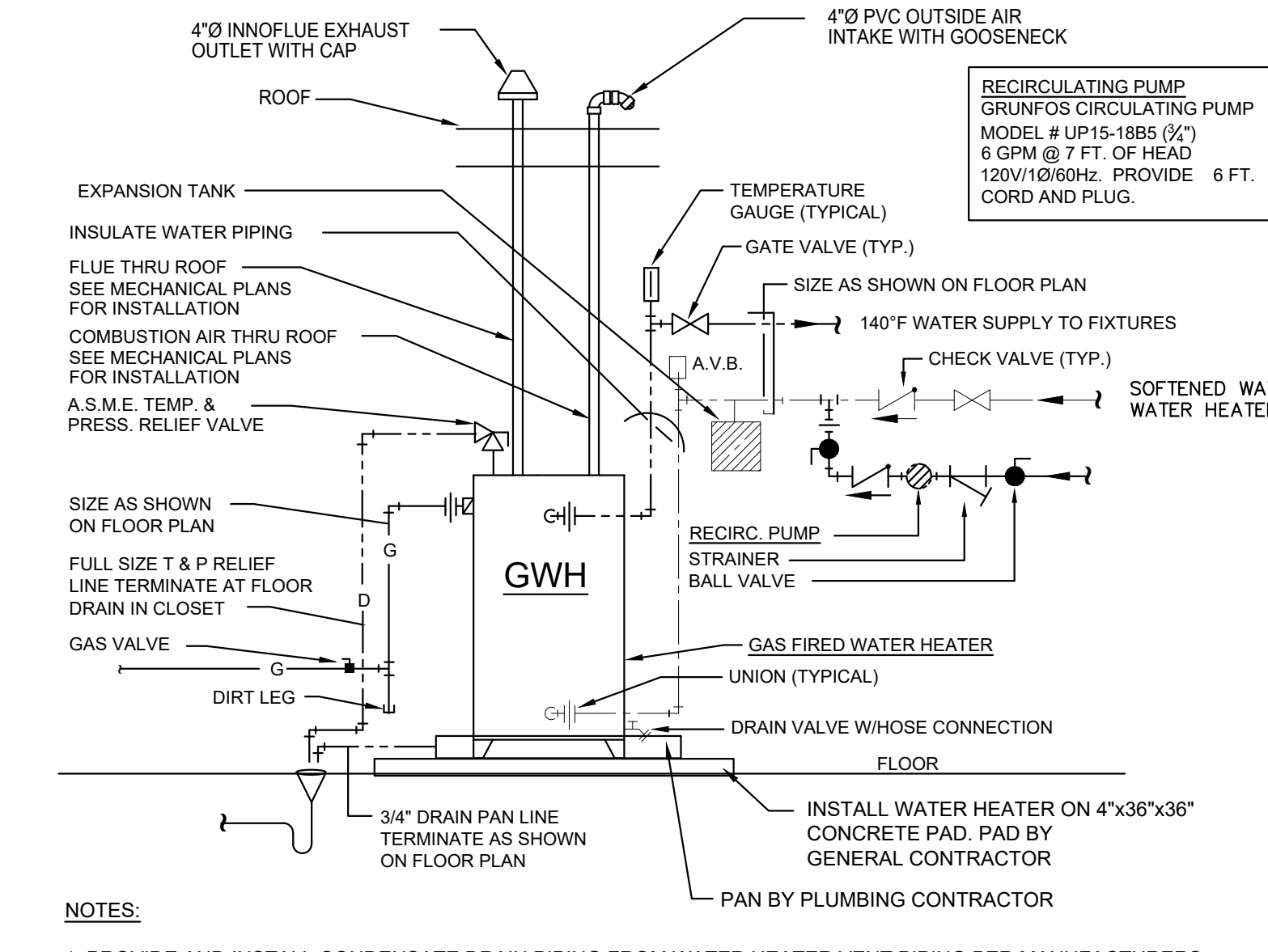
NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/12/24



**1B ECOLAB WATER SUPPLY DETAIL**  
N.T.S.

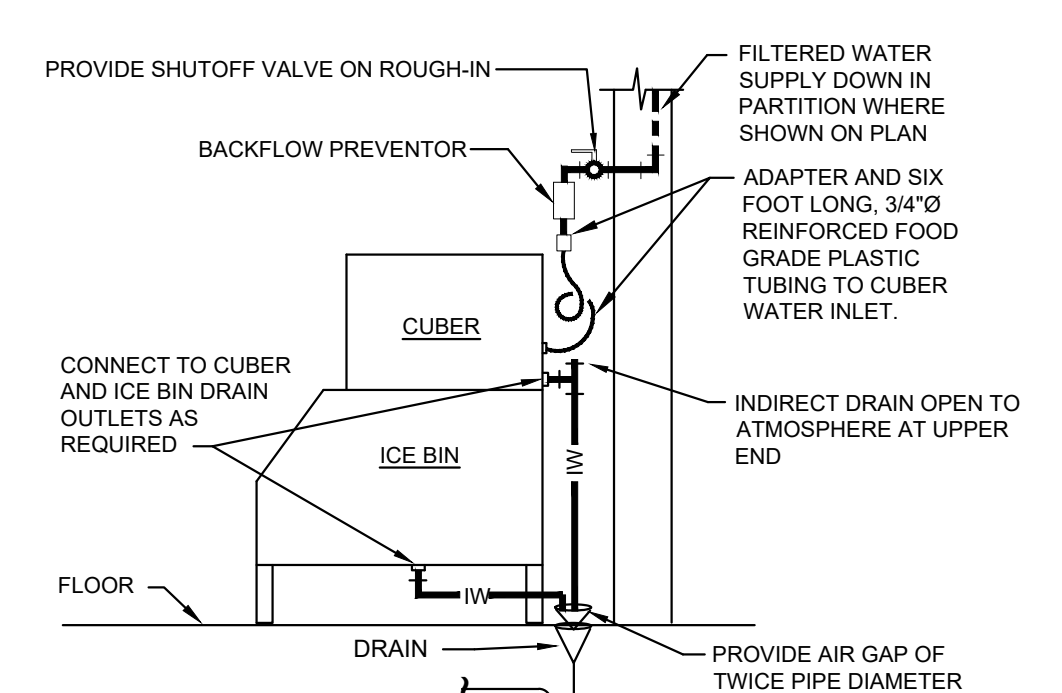
TMV: THERMOSTATIC MIXING VALVE WITH STRAIGHT STOPS AND CHECK VALVES  
VALVE: "LAWLER" MODEL # 3900-SC1  
INSTALL WATTS RPZ MODEL # 909-QT

ORDER THE THERMOSTATIC MIXING VALVE WITH MAXIMUM TEMPERATURE FACTORY PRE SET AT 120°F.

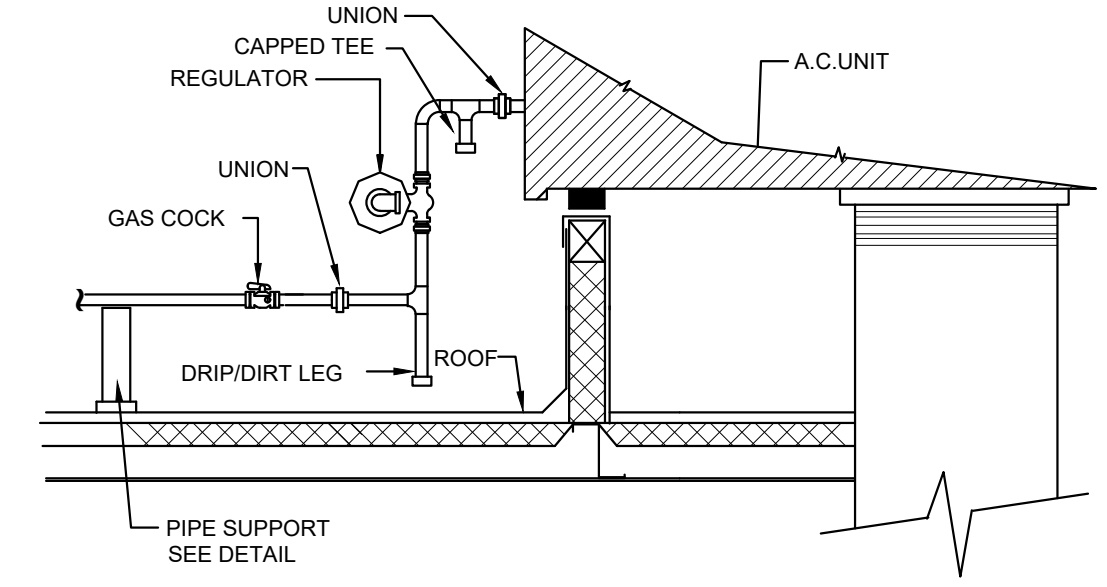


**3B WATER HEATER PIPING DETAIL**  
N.T.S.

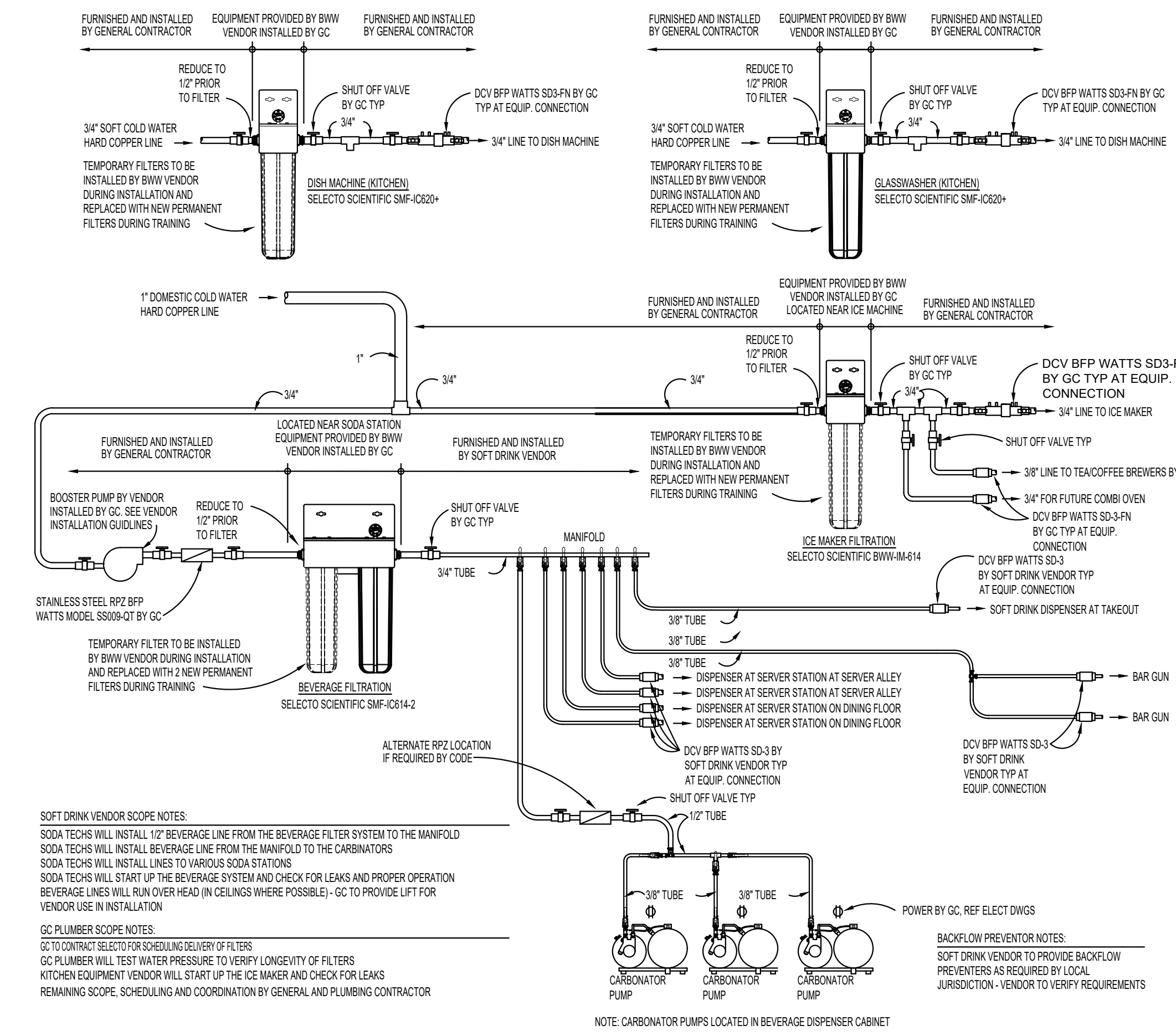
NOTES:  
1. PROVIDE AND INSTALL CONDENSATE DRAIN PIPING FROM WATER HEATER VENT PIPING PER MANUFACTURERS RECOMMENDATIONS.  
2. PROVIDE AND INSTALL EXHAUST AND COMBUSTION AIR PIPING AS REQUIRED PER MANUFACTURERS SPECIFICATIONS.  
3. CONTACT MANUFACTURER FOR START UP AND TO CONFIRM WATER HEATER HAS BEEN PROPERLY INSTALLED.



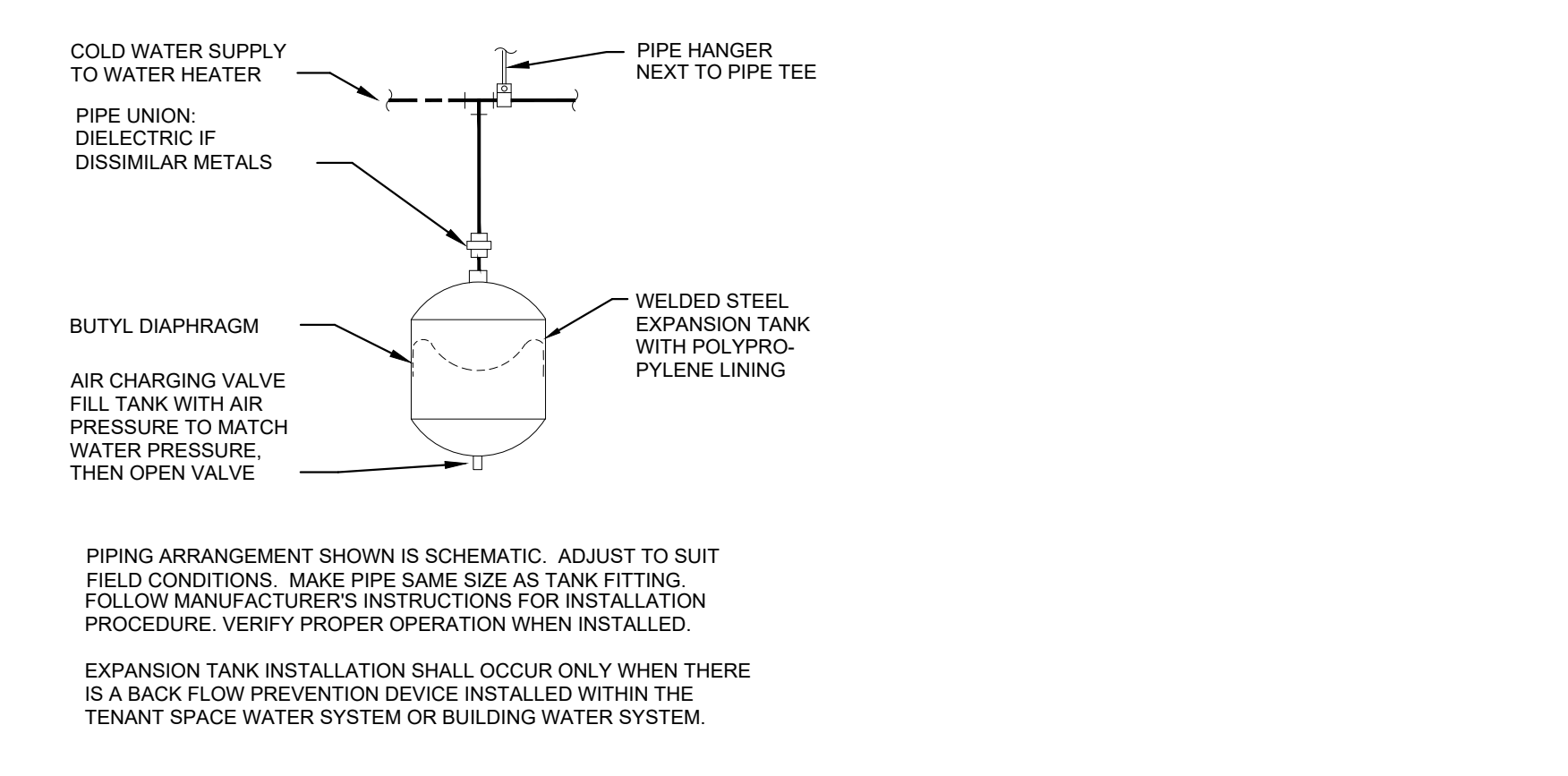
**5B ICE MACHINE SUPPLY**  
N.T.S.



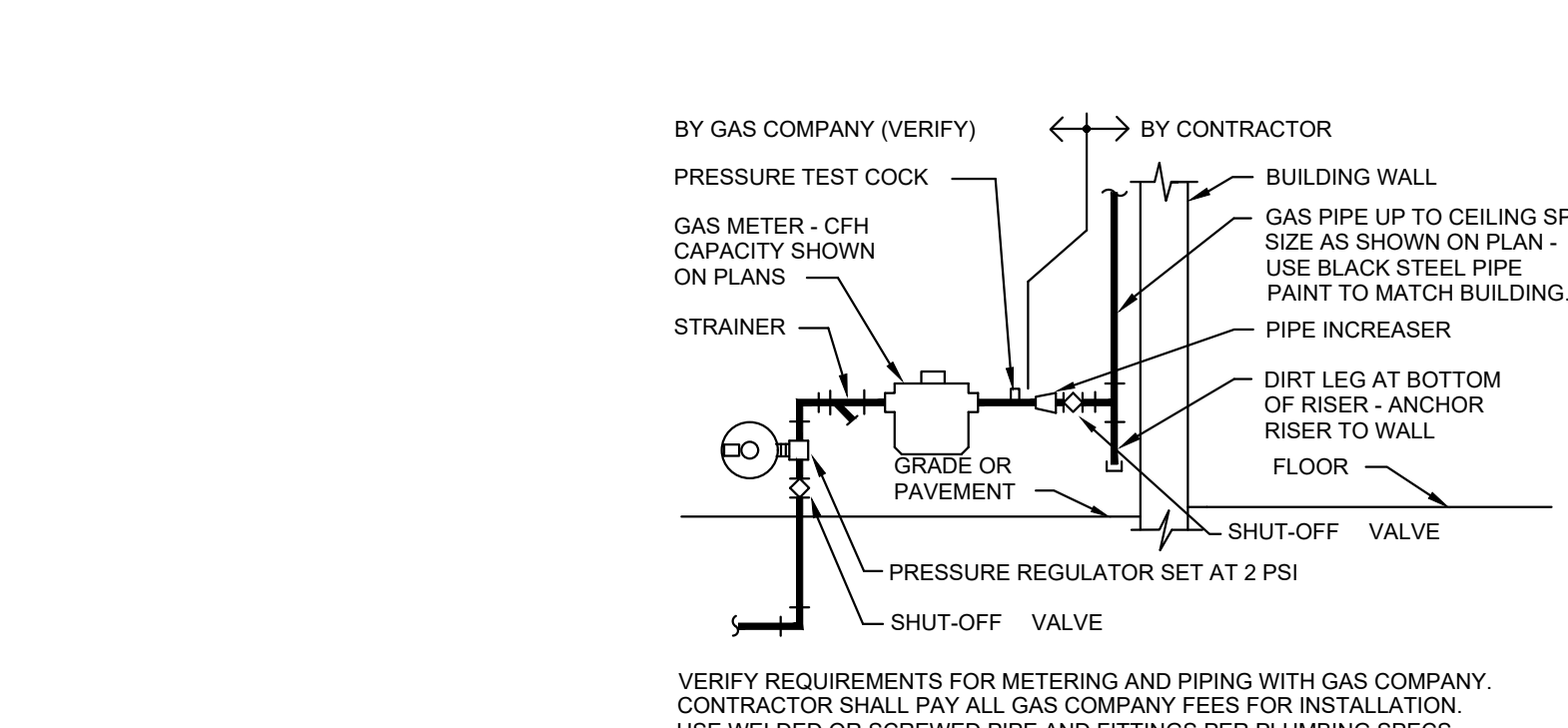
**6B RTU GAS CONNECTION**  
N.T.S.



**1D WATER FILTER PIPING SCHEMATIC**  
N.T.S.



**3C EXPANSION TANK**  
N.T.S.



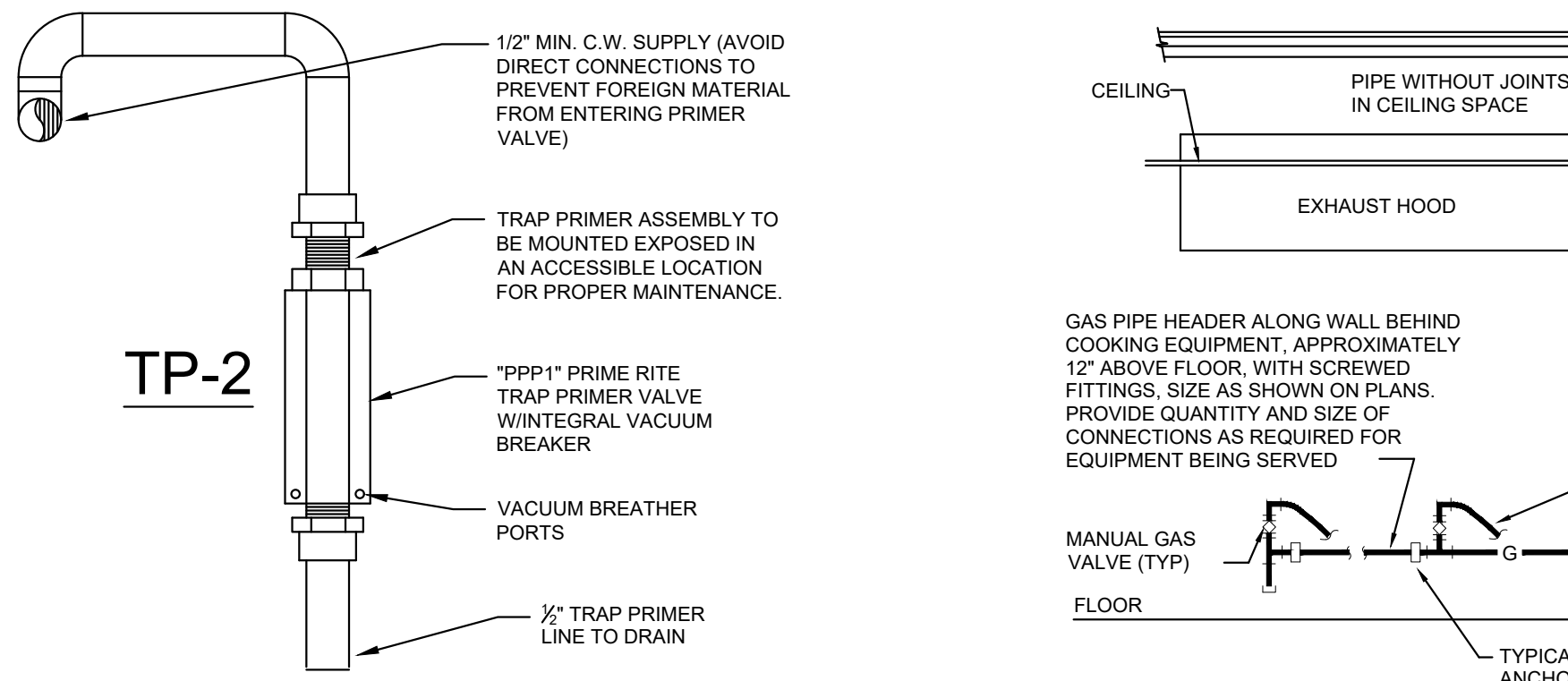
**5C GAS METER DETAIL**  
N.T.S.

INSTALL PER PDI STANDARDS AND MANUFACTURERS INSTRUCTIONS

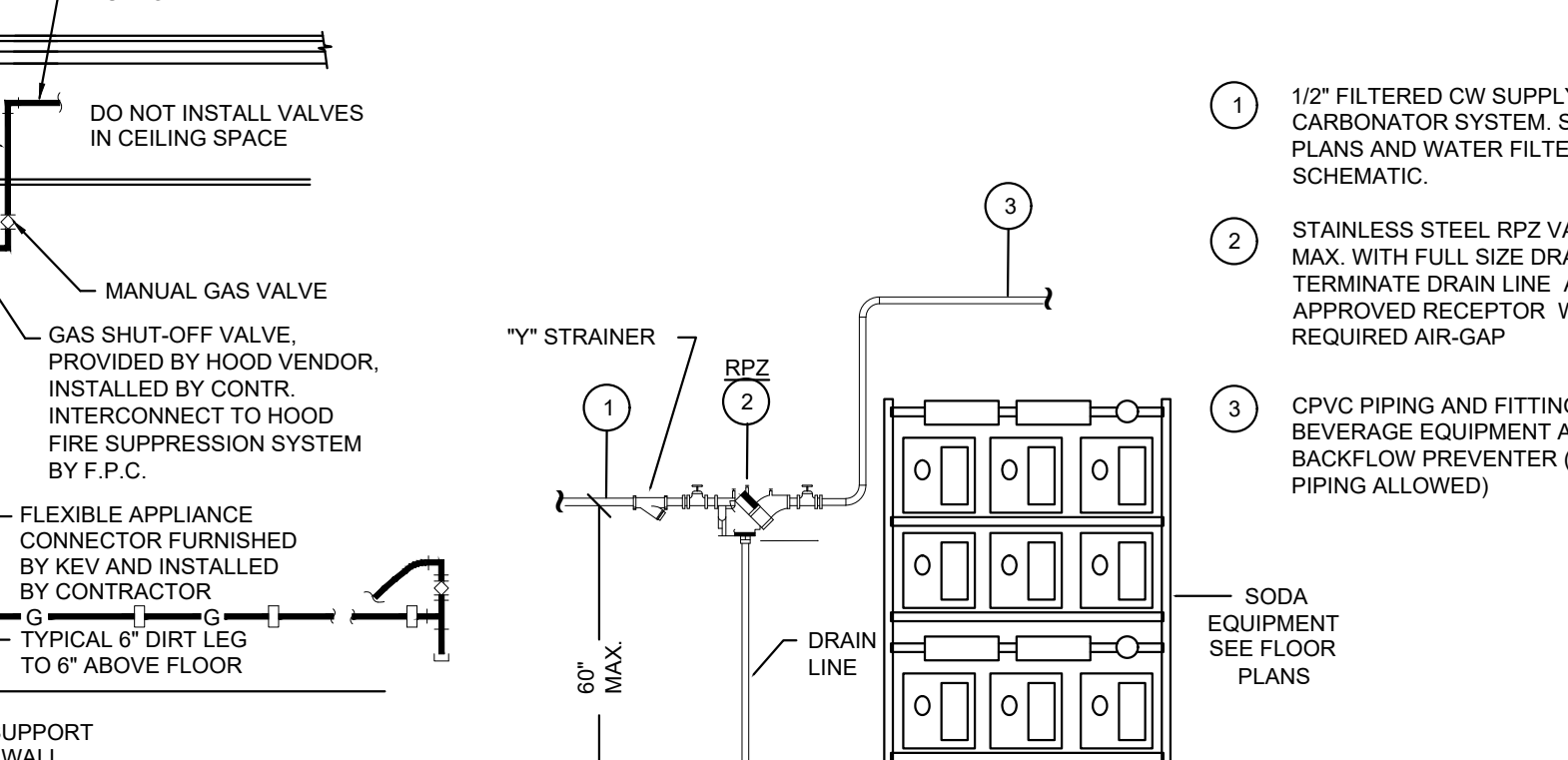
IF HORIZONTAL BRANCH IS LESS THAN 20' LONG, PROVIDE ONE HAFT END OR LINE. IF BRANCH IS GREATER THAN 20' LONG, PROVIDE ANOTHER HAFT IN MIDDLE EACH SIZED FOR HALF THE FIXTURE UNITS.

PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD	FIXTURE UNIT TABULATION	
			FIXTURE	COLD HOT
1/2"	3/4"	1-11	VALVE WATER CLOSET	10 --
1/2"	1"	12-32	TANK WATER CLOSET	5 --
1/2"	1 1/4"	33-60	URINAL	5 --
1/2"	1 1/2"	81-113	LAVATORY/SINK	1.5 1.5
1/2"	1 1/2"	114-154	JANITORS SINK	3 3
1/2"	2"	154-330	SHOWER/BATH/TUB	2 2

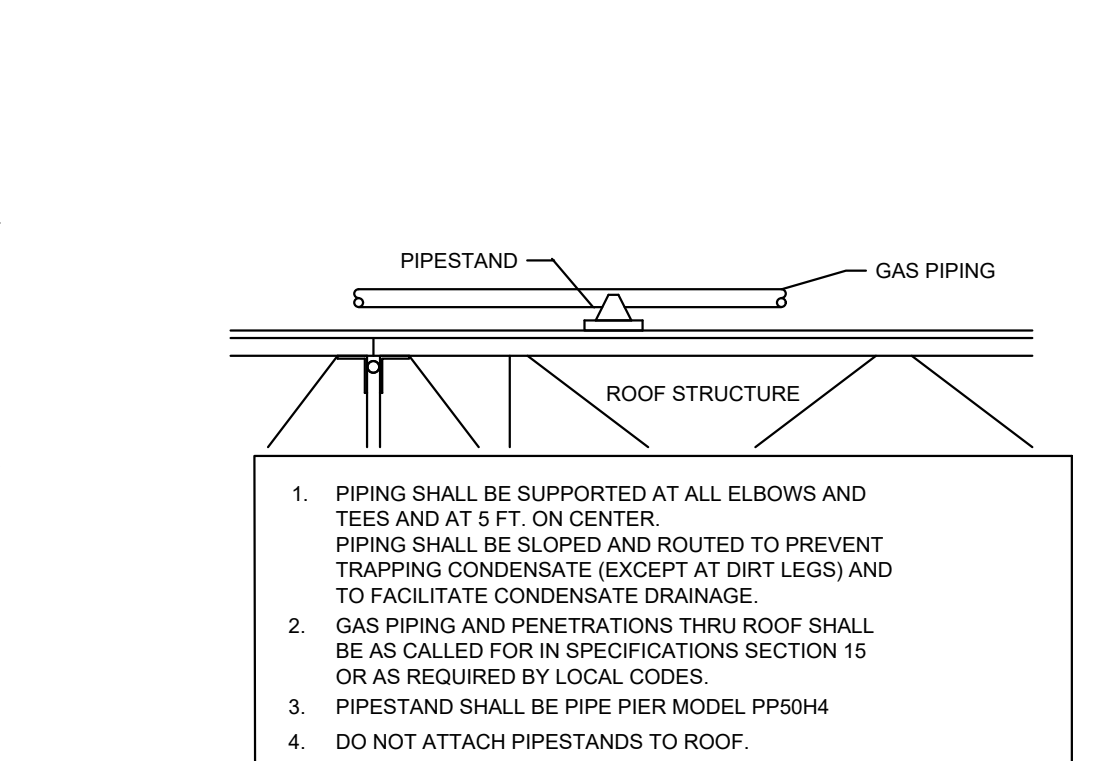
**6C HAMMER ARRESTERS**  
N.T.S.



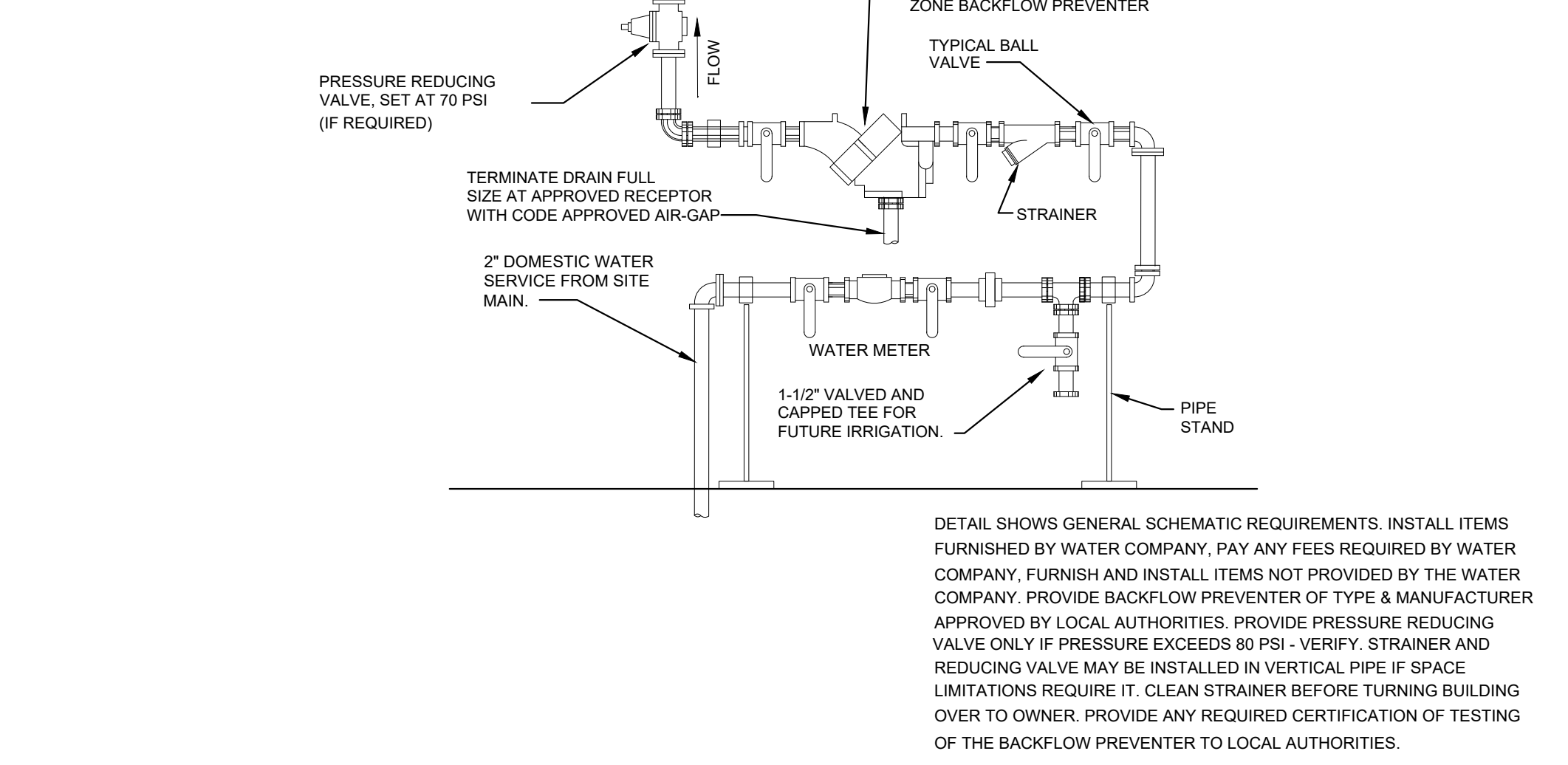
**3D TRAP PRIMER DETAIL (TP-2)**  
N.T.S.



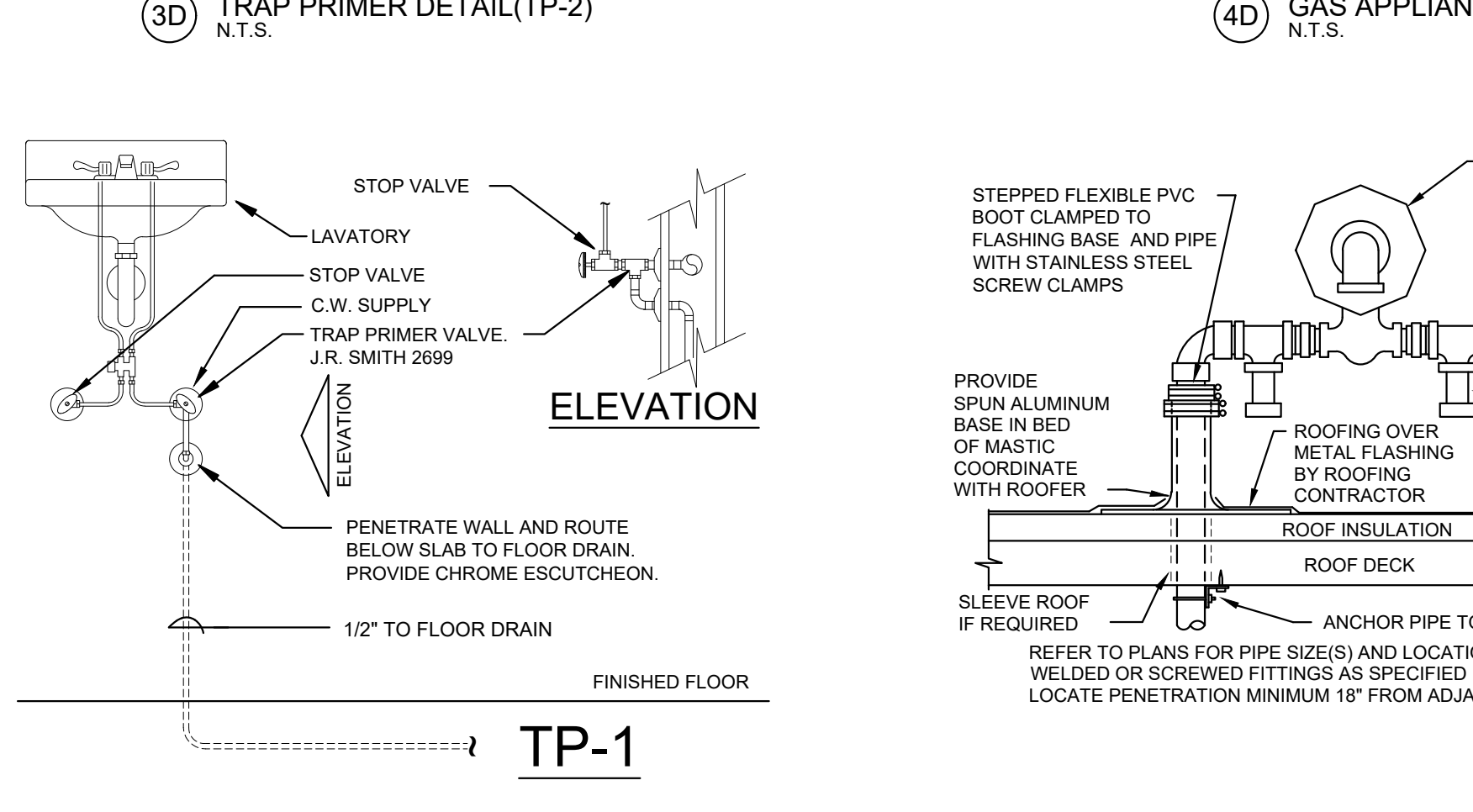
**5D BEVERAGE SYSTEM B.F.P.**  
N.T.S.



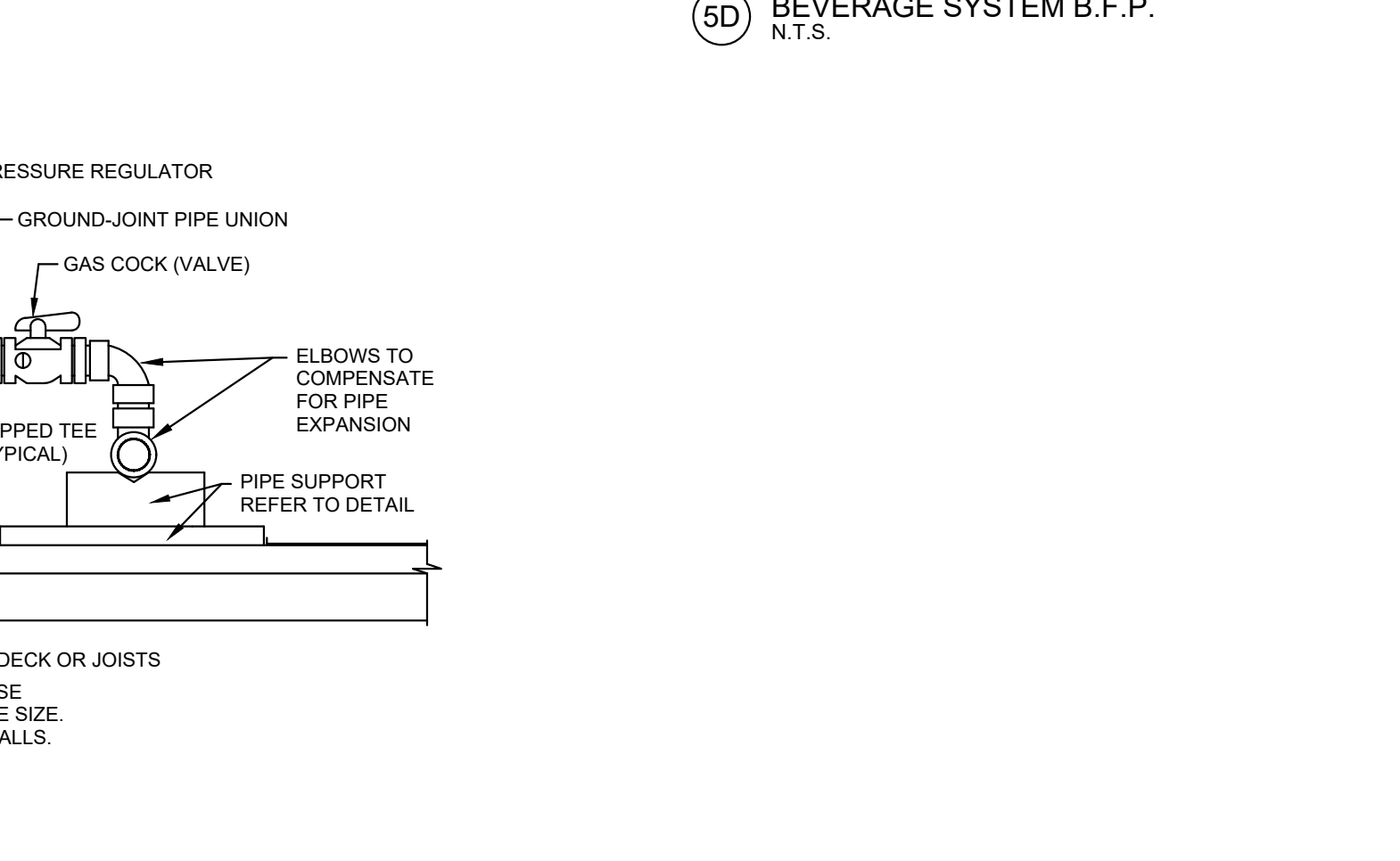
**6D GAS SUPPORT DETAIL**  
N.T.S.



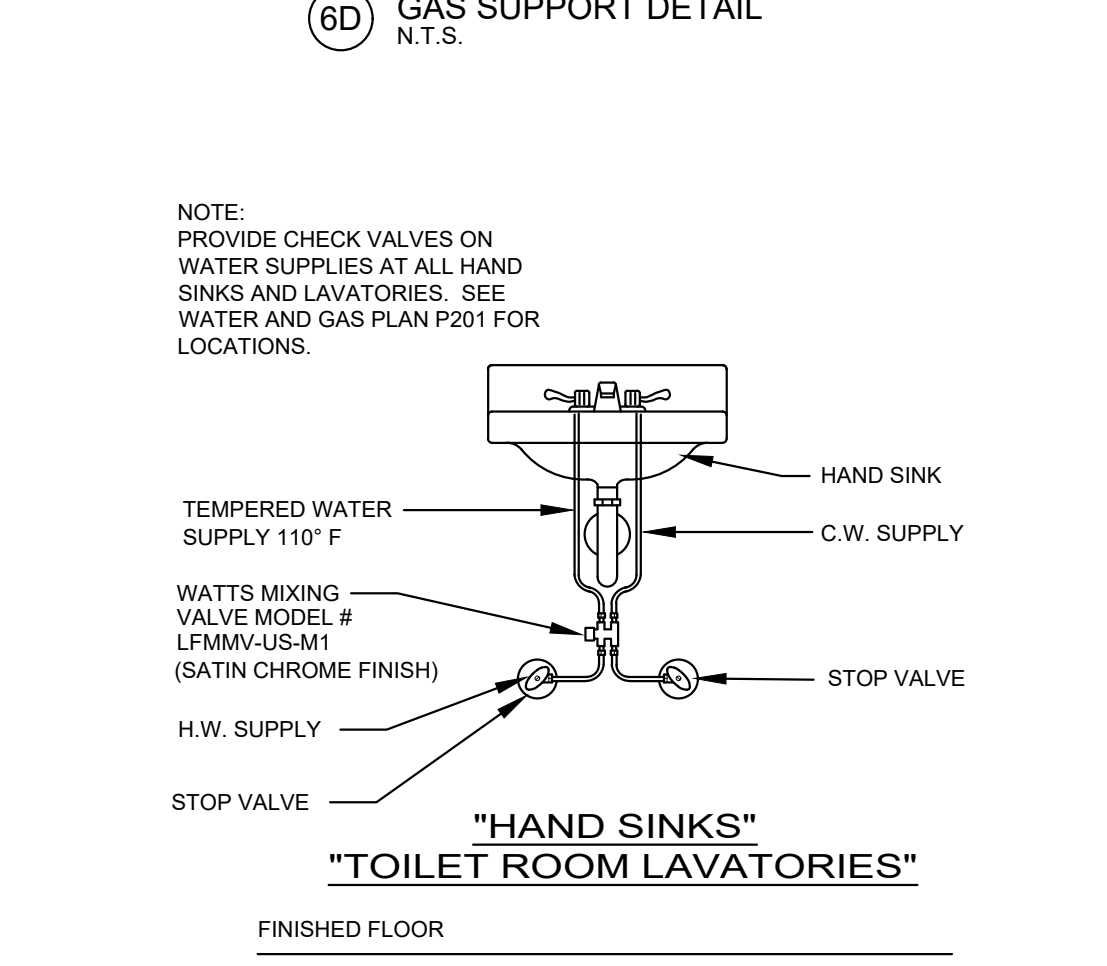
**1E WATER SERVICE ENTRANCE**  
N.T.S.



**3E TRAP PRIMER DETAIL (TP-1)**  
N.T.S.



**4E ROOF PENETRATION**  
N.T.S.



**6E MV-1 MIXING VALVE**  
N.T.S.

REDESIGN OF SYSTEM BECAUSE OF SUPPLY CHAIN ISSUES WILL BE BILLED HOURLY TO CLIENT. GENERAL CONTRACTOR TO PLACE ORDER FOR ALL EQUIPMENT AS SOON AS CONTRACT IS AWARDED. COORDINATE WITH OWNER TO ENSURE OWNER HAS NOT PREORDERED EQUIPMENT.



GAS DEMAND SCHEDULE		
TAG	DESCRIPTION	DEMAND (BTU)
RTU-1	ROOF TOP UNIT	130,000
RTU-2	ROOF TOP UNIT	130,000
RTU-3	ROOF TOP UNIT	493,800
RTU-4	ROOF TOP UNIT	130,000
RTU-5	ROOF TOP UNIT	65,000
RTU-6	ROOF TOP UNIT	65,000
QH-13	GAS FRYER - 4-BANK	100,000
QH-14	GAS FRYER - 3-BANK	80,000
QH-102	GRIDDLE	150,000
QH-16	CONVECTION OVEN	27,000
GWH	GAS WATER HEATER	199,900
EX-UH	GAS WATER HEATER	100,000
TOTAL BTU DEMAND =		1,670,700
TOTAL DEVELOPED LENGTH OF TENANT SYSTEM = 200 FEET GAS PRESSURE .2PSI GAS PIPING SYSTEM SIZED FROM THE 2018 IFCC		
NOTE: ALL COOKING SURFACES, KITCHEN EXHAUST SYSTEMS, GREASE REMOVAL DEVICES AND HOOD SHALL BE PROTECTED WITH AN APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM AS SHOWN ON KITCHEN AND HOOD DRAWINGS. THE ACTIVATION OF THE FIRE SUPPRESSION SYSTEM SHALL AUTOMATICALLY SHUT DOWN THE FUEL SUPPLY TO THE COOKING EQUIPMENT AS SHOWN IN BOTH KITCHEN AND PLUMBING DRAWINGS. THE FIRE SUPPRESSION SYSTEM SHALL BE INTERLOCKED WITH THE GAS SOLENOID VALVES.		

WATER CALCULATIONS (2021 VPC)		
DOMESTIC WATER SERVICE = 2" WATER METER AND 2" BLDG. PIPING		
84.0 W.S.F.U. = 64 GPM - ON FLUSH VALVE SYSTEM		
64 GPM = 4.5 PSI LOSS - FOR 2" DISK TYPE WATER METER		
64 GPM = 0.55 PSI LOSS - FOR 2" TAP & SERVICE		
AVAILABLE PRESSURE	APPROXIMATE	85 ± PSI
PRESS. LOSS ACROSS METER	TYPE 'K' COPPER	4.5 PSI
PRESS. LOSS ACROSS TAP	SCHEDULE 40 BLACK IRON	0.65 PSI
STATIC PRESS. LOST (ELEV) (16'4" X 0.43)	SCHEDULE 40 BLACK IRON	7.74 PSI
GOVERNING FIXTURE - WATER CLOSET	TYPE 'M' COPPER	25 PSI
BACKFLOW PREVENTER - (2" RPZ)	DWV COPPER	10 PSI
DISTANCE FROM METER TO LAST FIXTURE		22'
TOTAL DEVELOPED LENGTH OF SYSTEM (X 1.25)		281.25'
ALLOW. PRESS. LOSS/100FT.	17.21 X 100'	6.11 PSI
AVERAGE PRESS. DROP AVAILABLE FOR FRICTION		3.43 PSI
FRICTION LOSS-LBS. PER SQ. IN. HEAD PER 100-FOOT LENGTH 2" SMOOTH PIPE	VELOCITY =	7.0 FPS

WATER HEATER SIZING CALCULATIONS		
FORMULA FOR MIXING HOT AND COLD WATER		
$M = \frac{H-C}{H-C}$	$\%$ OF HOT WATER REQUIRED TO PRODUCE DESIRED MIXED TEMPERATURE	
WHERE	M = MIXED WATER TEMPERATURE	
	C = COLD WATER TEMPERATURE	
	H = HOT WATER TEMPERATURE	
TEMPERATURE FACTORS - COLD WATER		
	WHEN INCOMING COLD WATER IS	MULTIPLY HOT WATER LOAD BY
	40°	0.95
	50°	0.90
	60°	0.80
GENERAL PURPOSE HOT WATER CONSUMPTION FOR VARIOUS KITCHEN USAGES.		
APPLICATION	QTY	CONSUMPTION (GPH)
PRE-RINSE FOR DISHES	1	1 X 45 = 45
BLENDER STATION/DUMP SINK	2	2 X 5 = 10
3-COMP. SINK	1	1 X 59 = 59
SPRAY-RINSE	2	2 X 59 = 118
EMPLOYEE HAND SINKS	6	6 X 5 = 30
RESTROOM LAVATORIES	5	5 X 5 = 25
MOP SINK	1	1 X 10 = 10
DISHWASHER	1	1 X 28.8 = 28.8
GLASSWASHER	2	2 X 28.8 = 57.6
TOTAL CONSUMPTION = 383.4 GPH REQ'D @ 100°F RISE		
TOTAL CONSUMPTION	TEMP. FACTOR	TOTAL GPH REQUIRED
383.4 GPH	X 0.95	= 364.23 GPH @ 100° RISE
WATER HEATERS SELECTED PROVIDES - 235 GPH @ 100°F RISE		

PIPE MATERIALS LEGEND			
SEWER BELOW GRADE	SCHEDULE 40 PVC		
WASTE VENT ABOVE GRADE	SCHEDULE 40 PVC		
COLD & HOT WATER (ABOVE GROUND)	TYPE 'L' COPPER		
COLD WATER (BURIED)	TYPE 'K' COPPER		
GAS (ON ROOF)	SCHEDULE 40 BLACK IRON		
GAS (INSIDE BUILDING)	SCHEDULE 40 BLACK IRON		
CONDENSATE DRAIN	TYPE 'M' COPPER		
INDIRECT DRAIN (INSIDE BUILDING)	DWV COPPER		

BACKFLOW PREVENTER SCHEDULE			
DESCRIPTION	TAG	VALVE MODEL	ASSE
WATER SERVICE	RPZ	WATTS 2" # 909-QT-S	1013
CARBONATOR	RPZ	WATTS 1/2" # SS090QT-S	1013
ICE MACHINE	DVC	WATTS 3/8" # SD3-FN	1022
DISHMACHINE	DVC	WATTS 3/8" # SD3-FN	1022
ROOF TOP UNIT	DVC	WATTS 3/8" # SD3-FN	1022
ECOLAB CHEMICAL DISPENSERS	RPZ	WATTS 1/2" # 090QT-S	1013
CHECK VALVES		WATTS # LF600 SERIES	N/A

NOTES:  
1. VERIFY MAIN WATER SERVICE BACKFLOW PREVENTION REQUIREMENTS WITH LOCAL CODE AT START OF CONSTRUCTION. PROVIDE BACKFLOW PREVENTER ON MAIN SERVICE IF REQUIRED.  
2. ALWAYS VERIFY BACKFLOW VALVE REQUIREMENTS AND APPROVAL, FOR ALL EQUIPMENT WITH AUTHORITIES HAVING JURISDICTION PRIOR TO INSTALLATION.  
3. CARBONATOR TO HAVE STAINLESS STEEL SD3 DOUBLE CHECK VALVE. (DCV)  
4. PROVIDE "Y" STRAINERS FOR ALL BACKFLOW PREVENTERS.  
5. ALL BACKFLOW PREVENTERS ON THE PROJECT NEW AND OR EXISTING HAVE TO BE TESTED AND INSPECTED AS REQUIRED BY CODE AND THE AUTHORITY HAVING JURISDICTION. PLUMBING CONTRACTOR TO PROVIDE TESTING DOCUMENTATION TO THE OWNER/OPERATOR FOR THEIR RECORDS.

FIXTURE UNIT COUNT (DRAINAGE & SUPPLY)						
TAG	DESCRIPTION	QTY	D.F.U.	TOTAL D.F.U.	W.S.F.U.	TOTAL W.S.F.U.
EX-WC	WATER CLOSET (FLUSH VALVE)	5	4.0	20.0 SAN	10.0	50.0
EX-LR	URINAL (FLUSH VALVE)	2	2.0	4.0 SAN	5.0	10.0
EX-LAV	LAVATORY	4	1.0	4.0 SAN	1.0	4.0
GW-101	4 COMP BAR SINK	1	5.0	5.0 SAN	4.0	4.0
MP-123	DRAIN PAN	2	1.0	2.0 SAN	---	---
GW-01	HAND SINK	3	1.0	3.0 SAN	1.0	3.0
EX-HS	HAND SINK (EXISTING)	1	1.0	1.0 SAN	1.0	1.0
QB-13	UNDERBAR GLASS WASHER	1	5.0	5.0 SAN	4.0	4.0
QB-06	COFFEE/TEA BREWERS	3	-	-	0.5	1.5
-	ICE CUBER/BIN	1	5.0	5.0 SAN	1.0	1.0
AB-01	BAG N BOX RACK	1	5.0	5.0 SAN	-	-
-	CARBONATOR	1	5.0	5.0 SAN	0.5	0.5
AB-03	SODA DISPENSER/DROP IN COUNTER	4	5.0	20.0 SAN	0.5	2.0
EX-FD	FLOOR DRAIN (RESTROOMS)	2	5.0	10.0 SAN	-	-
EX-HD	FUNNEL FLOOR DRAIN	1	1.0	1.0 SAN	-	-
EX-FSFS	FLOOR SINK (BFP)	1	1.0	1.0 SAN	-	-
GW-06	UNDERCOUNTER DISHWASHER	1	5.0	5.0 SAN	4.0	4.0
GW-01	HAND SINK UNIT W/ SOAP DISPENSER	3	1.0	3.0 GW	1.0	3.0
GW-11FS	3 COMP POT AND PAN SINK	1	5.0	5.0 GW	4.0	4.0
GW-12LFS	PRODUCE PREP SINK	1	5.0	5.0 GW	4.0	4.0
GW-05AFS	DISH MACHINE	1	5.0	5.0 GW	4.0	4.0
GW-05C-R	SOILED DISH TABLE	1	5.0	5.0 GW	4.0	4.0
MS	MOP SINK	1	5.0	5.0 GW	3.0	3.0
EX-FD	FLOOR DRAIN (EMERGENCY KITCHEN)	4	1.0	4.0 GW	-	-
TOTAL FIXTURE UNITS:				96.0 SAN		107.0 W.S.F.U.
W.S.F.U.	107.0 FU = 65 GPM (2" METER AND WATER SERVICE)			32.0 GW		
D.F.U.	125.0 FU = 4" PIPING HORIZONTAL @ 1/4" PER FOOT SLOPE					

GREASE INTERCEPTOR SIZING CALCULATION					
ITEM	DESCRIPTION	QTY	TRAP SIZE	D.F.U.	TOTAL D.F.U.
GW-01FS	HAND SINK	3	3"	1.0	3.0 GW
GW-11FS	3-COMP. SINK	1	3"	5.0	5.0 GW
GW-05AFS	DISHWASHER/PRE-RINSE	1	3"	5.0	5.0 GW
MS	MOP SINK	1	3"	5.0	5.0 GW
EX-FD	FLOOR DRAIN	4	3"	1.0	4.0 GW
GW-12FS	PRODUCE PREP TABLE	1	3"	5.0	5.0 GW
GW-05C-R	SOILED DISH TABLE	1	3"	5.0	5.0 GW
TOTAL FIXTURE UNITS:					32.0 GW
D.F.U.	40.0 FU = 20 GPM (EQUAL TO 25 GPM/50 LBS CAPACITY REQUIRED)				
	EXISTING 1,000 GALLON				

PLUMBING FIXTURE AND SPECIALTIES SCHEDULE (SEE COMPREHENSIVE EQUIPMENT SCHEDULE ON SHEET EQ201)							
MARK	ITEM	DESCRIPTION	CONNECTIONS	MODEL NUMBER AND NOTES			
TP-2	TRAP PRIMER	PRESSURE ACTIVATED TRAP PRIMER. BRASS CONSTRUCTION. PISTON OPERATED. ADJUSTMENT FOR VARIABLE PRESSURES. INSTALL TRAP PRIMER A MINIMUM OF 12" ABOVE THE TRAP BEING SERVED. PROVIDE AIR GAP FITTING WITH 1/2" MALE NPT INLET FITTING AND 1/2" FEMALE OUTLET FITTING. THREE TRAP APPLICATION	HW - 12"	PRECISION PRODUCTS MODEL # PP-500			
FD-1	FLOOR DRAIN	COPPER BODY DISTRIBUTION UNIT. 4 - 3/8" FPT BRASS DISCHARGE FITTINGS. 1/2" MALE NPT COMPOSITE INLET. PROVIDE FLUSH AS REQUIRED BY APPLICATION		PRECISION PRODUCTS MODEL # DUL4			
FD-2	FLOOR DRAIN	POLISHED NICKEL BRONZE STRAINER. HEAVY DUTY GRATE. COATED CAST IRON. TWO-PIECE BODY. DOUBLE DRAINAGE FLANGE. ADJUSTABLE EXTENSION AS REQUIRED BY APPLICATION. ADJUSTABLE COLLAR WITH SEEPAGE SLOTS. INVERTIBLE NON-PUNCTURING MEMBRANE CLAMP. BOTTOM OUTLET. OUTLET CONNECTION METHOD SHALL BE COMPATIBLE WITH PIPING MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS. 5" DIAMETER ROUND STRAINER. 1/2" TRAP PRIMER CONNECTION.		ZURN MODEL # ZN415M			
FD-3	FLOOR DRAIN	POLISHED NICKEL BRONZE STRAINER WITH 4" DIAMETER FUNNEL. COATED CAST IRON. TWO-PIECE BODY. DOUBLE DRAINAGE FLANGE. ADJUSTABLE EXTENSION AS REQUIRED BY APPLICATION. ADJUSTABLE COLLAR WITH SEEPAGE SLOTS. INVERTIBLE NON-PUNCTURING MEMBRANE CLAMP. BOTTOM OUTLET. OUTLET CONNECTION METHOD SHALL BE COMPATIBLE WITH PIPING MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS. 7" DIAMETER ROUND STRAINER. 1/2" TRAP PRIMER CONNECTION.		ZURN MODEL # ZN415-7E			
FS	FLOOR SINK	SQUARE. 12" X 12" X 6" DEEP FLOOR SINK. COATED CAST IRON BODY. WHITE ACID-RESISTING PORCELAIN ENAMEL INTERIOR COATING. ABS ANTI-SPLASH DOME. WHITE STRAINER. 1/2-GRADE OR FULL GRATE WITH CENTER OPENING. ADJUSTABLE EXTENSION AS REQUIRED BY APPLICATION. OUTLET CONNECTION METHOD SHALL BE COMPATIBLE WITH PIPING MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS		ZURN MODEL # Z1900			
TD	TRENCH DRAIN						
FCO	CLEANOUT - FLOOR	ACID RESISTING COATED CAST IRON BODY. ADJUSTABLE. GAS AND WATER TIGHT ABS TAPERED THREADED INTERNAL CAST IRON PLUG. VANDAL-PROOF FASTENERS. OUTLET CONNECTION METHOD SHALL BE COMPATIBLE WITH PIPING MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS. MEDIUM DUTY. ROUND SCORATED SECURED POLISHED BRONZE FRAME AND COVER WITH ANCHOR FLANGE. WITH 'CO' IN COVER. INSTALLED FLUSH WITH FINISHED FLOOR. PROVIDE CARPET MARKERS WHERE INSTALLED BELOW CARPET		ZURN MODEL # ZB1400-VP			
WCO	CLEANOUT - WALL	ACID RESISTING COATED CAST IRON CLEANOUT TEE. COUNTERSINK BRONZE PLUG. ROUND STAINLESS STEEL SECURED ACCESS COVER. ACID RESISTING COATED CAST IRON CLEANOUT TEE. COUNTERSINK BRONZE PLUG. ROUND STAINLESS STEEL SECURED ACCESS COVER. STANDARD FASTENERS		ZURN MODEL # Z1441-VP			
MS	MOP SINK	3/4" DOMESTIC HOT AND COLD WATER CONNECTIONS FOR 140 DEG. F. HOT WATER SUPPLY TO FAUCET. 1/2" HOT AND COLD WATER SUPPLY TO MIXING VALVE.	3/4" 3/4" 1-1/2" 3"				

KITCHEN EQUIPMENT SCHEDULE (SEE COMPREHENSIVE EQUIPMENT SCHEDULE ON SHEET EQ201)							
MARK	DESCRIPTION	CONNECTIONS	MODEL NUMBER AND NOTES				
QB-01A	CO2 BULK TANK	G - HW - CW - W - V	NUCO2				
QB-01B	CO2 BULK TANK W/ FLOOR STAND (22" Dia., 72.9FH (w/ legs), 319lb empty weight, 902lb full weight)		NUCO2				
QB-05	CO2 BACKUP CYLINDER		BUNN S2200-0100 ITCB-OV				
QB-06	TEA URN		BUNN TDC04-315				
QB-10	ICE COCKTAIL WORKBOARD STATION		KROWNE KR18-30-10				
QB-13	WORKTABLE		KROWNE KR24-16SD				
QB-17	DRAIN TRAY		MICROMATIC DP-120D-30GR				
QB-22D	BEER SYSTEM		MICROMATIC				
QB-100	BEER DELIVERY SYSTEM		PERLUK				
QB-102	DRAIN PAN		PERLUK DRN4				
QC-09-X	ICE MACHINE		HOSHIZAKI (LEASED BY OWNER)				
QH-07-X	HENNY PENNY		RELOCATED FROM PREVIOUS BWW LOCATION				
QH-13	GAS FRYER 4-BANK	3/4"	PITCO 4SSB0C-SFD-BWW				
QH-14	GAS FRYER 3-BANK	3/4"	PITCO 3-SSB0WC-SFD-BWW				
QH-16	CONVECTION OVEN	3/4"	BLODGETT DFG-50-BWW				
QH-102	GRIDDLE	3/4"	MAGKITCHN MKG-60-E-BWW				
QM-07	EXHAUST HOOD		CAPTIVEAIRE 5424ND-2-PSP-F				
QM-08	EXHAUST HOOD		CAPTIVEAIRE 6024ND-2-PSP-F				
QW-01	HAND SINK		ADVANCEWASSERSTROM WASSER F4280122				
QW-05A	DISHMACHINE		HOBERT AM16VL-2(VENTLESS)				
QW-06	DISHWASHER		HOBERT LX6R-2-BWW				
QW-11	3-COMP SINK		ADVANCEWASSERSTROM F2460144				
QW-12L	1-COMP PREP SINK		WASSERSTROM F2460343				
QW-101	4-COMP BAR SINK		LACROSSE SK74CD-BWW				

DOMESTIC WATER HEATER SCHEDULE						
TAG	DESCRIPTION	MANUFACTURER/ MODEL #	INPUT (CFH)	RECOVERY (GPH @ TEMP RISE)	FUEL TYPE	REMARKS
GWH	GAS WATER HEATER	AO SMITH CYCLONE MODEL #BTH-199	199.9	235 GPH @ 100 DEG F	NATURAL GAS	PRESSURE RELIEF 125 PSI, 100 GALLON STORAGE SEALED DIRECT VENT AND COMBUSTION AIR EXPANSION TANK - AMTROL MODEL # ST-12-C

NOTES:  
1. THIS SYSTEM IS TO BE SET UP TO DELIVER 140°F HOT WATER.  
2. CONTACT MANUFACTURER FOR START UP AND INSTALLATION INSPECTION.  
3. GAS VENT SHALL BE INNOVUE PIPE AND FITTINGS UL LISTED VENT SYSTEM BY CENTROTERM ECO SYSTEM. CONTACT SALES AT (518) 434-3400.  
4. NO SUBSTITUTIONS WILL BE ALLOWED.

**Bruce C. Branscum, P.E.**  
Professional Engineer  
9946 Corner Rd. Suite 100  
Chapel Hill, NC 27514  
Phone: (319) 211-5588  
Fax: (319) 211-1852

BRUCE C. BRANSCUM, P.E. HAS SUCCESSFULLY REGISTERED AS A PROFESSIONAL ENGINEER IN THE STATE OF NORTH CAROLINA. HE IS A MEMBER OF THE PROFESSIONAL ENGINEERS SOCIETY OF NORTH CAROLINA AND THE SOCIETY OF PROFESSIONAL ENGINEERS. HE IS A MEMBER OF THE SOCIETY OF PROFESSIONAL ENGINEERS AND ARCHITECTS. HE IS A MEMBER OF THE SOCIETY OF PROFESSIONAL ENGINEERS AND ARCHITECTS. HE IS A MEMBER OF THE SOCIETY OF PROFESSIONAL ENGINEERS AND ARCHITECTS.

© COPYRIGHT BRUCE C. BRANSCUM, P.E. 2024

**BUFFALO WILD WINGS**  
FRANCHISE - STAND ALONE  
VALLEY VIEW  
4869 VALLEY VIEW BLVD NW  
ROANOKE, VA 24012

**BUFFALO WILD WINGS**  
FRANCHISE - STAND ALONE  
VALLEY VIEW  
4869 VALLEY VIEW BLVD NW  
ROANOKE, VA 24012

**DRAWING ISSUE**

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	11/12/24

**STAMP**

BRUCE C. BRANSCUM  
No. 0402952195  
11/12/2024

**PLUMBING SCHEDULES**

PROJECT NUMBER: 24-0212  
SHEET NUMBER: P401

REDESIGN OF SYSTEM BECAUSE OF SUPPLY CHAIN ISSUES WILL BE BILLED HOURLY TO CLIENT. GENERAL CONTRACTOR TO PLACE ORDER FOR ALL EQUIPMENT AS SOON AS CONTRACT IS AWARDED. COORDINATE WITH OWNER TO ENSURE OWNER HAS NOT PREORDERED EQUIPMENT.