

PLUMBING GENERAL NOTES

- DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK.
- EXISTING PIPING AND EQUIPMENT TO REMAIN IS SHOWN LIGHT. NEW PIPING AND EQUIPMENT IS SHOWN HEAVY. EXISTING PIPING AND EQUIPMENT TO BE REMOVED IS SHOWN CROSSHATCHED.
- ARCHITECTURAL DRAWINGS SHALL BE REVIEWED FOR PROJECT SCOPE AND AREA OF WORK. WORK SHALL INCLUDE DEMOLITION AND REMOVAL OF EXISTING PLUMBING FIXTURES AS REQUIRED. PLUMBING IN EXISTING WALLS AND UNDER GROUND SHALL BE REMOVED AND CAPPED AS REQUIRED. RECONNECT EXISTING PIPING TO FIXTURES AND EQUIPMENT NOT IN DEMOLITION AREA AS REQUIRED TO MAINTAIN A COMPLETE AND OPERABLE SYSTEM.
- THE OWNER RESERVES FIRST CHOICE TO KEEP EXISTING EQUIPMENT AND MATERIALS. COORDINATE WITH OWNER AND DELIVER DESIGNATED EQUIPMENT AND MATERIALS REMOVED UNDER THIS CONTRACT TO OWNERS DESIGNATED STORAGE AREA. REMAINING EQUIPMENT AND MATERIAL REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURE LOCATIONS, MOUNTING HEIGHTS, AND PLUMBING ROUGH-IN LOCATIONS. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, ALL HANDICAPPED FIXTURES. OBTAIN EXACT FLOOR DRAIN AND FLOOR SINK LOCATIONS FROM FOOD SERVICE DRAWINGS. ROUGH-IN LOCATIONS FOR KITCHENS, BARS, ETC TO BE TAKEN FROM APPROVED FOOD SERVICE SHOP DRAWINGS.
- ITEM DESIGNATIONS INDICATED ARE FOR PURPOSES OF THESE DOCUMENTS ONLY. CONTRACTOR SHALL VERIFY WITH OWNER ACTUAL DESIGNATION INFORMATION TO BE PROVIDED FOR EACH ITEM OF PLUMBING EQUIPMENT PRIOR TO NAMEPLATE ORDER RELEASE.
- THE PLUMBING DETAILS SHALL BE INCORPORATED INTO THE ASSOCIATED WORK AND PROVIDE GENERAL GUIDANCE AS TO THE INSTALLATION INTENT WHETHER REFERENCED TO OR NOT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY COMPONENTS FOR A COMPLETE INSTALLATION AND ENSURE THAT ALL INSTALLATIONS ARE IN ACCORDANCE WITH THE EQUIPMENT'S LISTING AND MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTION.
- REFER TO APPROVED FOOD SERVICE DRAWINGS AND SCHEDULES FOR KITCHEN AND BAR LAYOUTS, PLUMBING REQUIREMENTS AND DETAILS. PROVIDE PIPING, VALVES, FIXTURES, INDOOR WASTE, PRESSURE REDUCING VALVES, ETC (NOT PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR) AS REQUIRED TO MAKE A COMPLETE AND OPERABLE SYSTEM (INCLUDING HOOD DRAIN PIPING, VENTILATOR CONTROL PANEL PIPING, REFRIGERANT PIPING, BEER AND SYRUP LINE RACEWAYS, DRAIN PIPING FROM REFRIGERATION FAN COILS, ETC). EXPOSED PIPING ABOVE COUNTER HEIGHT SHALL BE CHROME PLATED. PROVIDE REDUCED PRESSURE TYPE BACKFLOW PREVENTER AT CARBONATORS, VACUUM BREAKER AND PRESSURE REDUCING VALVES FOR HOOD HOT AND COLD WATER ARE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY DIVISION 22 (PLUMBING). COORDINATE WITH KITCHEN EQUIPMENT CONTRACTOR ACCORDINGLY. PROVIDE SHUT-OFF VALVES AND CHECK VALVES ON EACH BRANCH LINE TO HOSE REELS, SOAP DISPENSERS AND EACH HOT AND COLD WATER FAUCET THAT HAS A HOSE CONNECTION. PIPE 3/4" COLD WATER TO FILTER BY KITCHEN EQUIPMENT CONTRACTOR WITH SHUT-OFF VALVE PIPING FROM FILTER TO EQUIPMENT ROUTED IN WALL.
- PROVIDE STAINLESS STEEL WASTE PIPE AND P-TRAP AT ALL BARS, SODA STATIONS, WAITRESS STATIONS, AND BEVERAGE STATIONS ABOVE GRADE (SCHEDULE 40 PVC FOR BELOW GRADE). RUN-OUTS SHALL BE MINIMUM 20'-0" OF STAINLESS STEEL DRAIN PIPE, OR TO THE MAIN DRAIN OF AREA SERVED.
- PROVIDE SHEET METAL DRAIN PAN UNDER GRAVITY OR PUMPED DRAIN PIPING WHERE PIPING OCCURS ABOVE KITCHENS, FOOD SERVICE PREP, FUTURE TENANT KITCHENS, OR FOOD SERVICE CORRIDORS. PIPE 3/4" DRAIN FROM DRAIN PAN TO OVER NEAREST FLOOR SINK.
- PROVIDE SHEET METAL DRAIN PAN UNDER PIPING WHERE PIPING OCCURS ABOVE ANY ELECTRICAL ROOMS, IT CENTER, OR ELECTRICAL SWITCH GEAR. PIPE 3/4" DRAIN FROM DRAIN PAN TO OVER NEAREST FLOOR SINK.
- REFER TO APPROVED FOOD SERVICE DRAWINGS FOR HOT AND COLD WATER HOSE BIBB LOCATIONS UNDER HAND SINKS IN KITCHEN AREAS.
- REFER TO FOOD SERVICE DRAWINGS FOR SPECIFICATION OF MOP/SERVICE SINK IN KITCHEN AND PANTRY AREAS. WHERE FOOD SERVICE DRAWINGS DO NOT SPECIFY FIXTURE, USE PLUMBING FIXTURE SPECIFICATION FOR SERVICE SINK.
- SEISMIC RESTRAINTS SHALL BE PROVIDED PER THE LATEST ADOPTED STANDARD BUILDING CODE AND THE SMACNA SEISMIC RESTRAINT MANUAL GUIDELINES FOR MECHANICAL SYSTEMS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE PROPOSED RESTRAINTS, STRUCTURAL ATTACHMENT METHODS, AND RESTRAINT LOCATIONS TO THE ARCHITECT FOR REVIEW. THE SUBMITTED DOCUMENTS SHALL BE PREPARED AND STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE PROJECT STATE.
- COORDINATE SPRINKLER/STANDPIPE DRAIN REQUIREMENTS AND LOCATIONS WITH FIRE PROTECTION DIVISION OF WORK.
- REFER TO CIVIL DRAWINGS FOR INVERT AT SITE UTILITY POINTS OF CONNECTION. PROVIDE OFFSET AND INCREASE FOR STORM DRAIN OR SEWER AS REQUIRED FOR CONNECTION TO CIVIL.
- GREASE TRAP INSTALLATION SHALL CONFORM WITH APPLICABLE COUNTY REQUIREMENTS. MANHOLE SPACING SHALL NOT EXCEED 10'-0" ON CENTER. PROVIDE QUANTITY AS REQUIRED TO COMPLY WITH MAXIMUM SPACING. COORDINATE WITH CIVIL DIVISION OF WORK.
- PROVIDE TRAP PRIMERS FOR AREAS OF INFREQUENT USE, INCLUDING FLOOR DRAINS IN RESTROOMS AND MECHANICAL ROOMS, EQUAL TO PRECISION PRODUCTS CO. "PRIME-RITE," WITH DISTRIBUTION UNITS FOR MULTIPLE FLOOR DRAINS AND FLOOR SINKS. TRAP PRIMER SHALL BE ACCESSIBLE AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. PROVIDE LINE SIZE SHUT-OFF VALVE AHEAD OF EACH TRAP PRIMER AND PRIMER LINE SHALL BE INSTALLED ON A COLD WATER LINE LESS THAN 2" DIAMETER. ALL ELECTRONIC TYPE TRAP PRIMERS SHALL BE PPP "PRIME-TIME ELECTRONIC TRAP PRIMING MANIFOLD" WITH FOUR (4) TO 30 OUTLETS, VACUUM BREAKER, 24 HOUR CLOCK, MANUAL OVERRIDE, SOLENOID VALVE, CALIBRATED MANIFOLD WITH 1/2" OUTLET COMPRESSION FITTINGS, PROVIDE 3/4" SHUT-OFF VALVE ON INLET. (ELECTRONIC TRAP PRIMERS TO BE LOCATED IN MECHANICAL ROOMS AND WHERE NOTED. PROVIDE RECESSED MOUNT IN STUD WALLS AND SURFACE MOUNT ON CONCRETE AND BLOCK WALLS.)
- REFER TO FLOW CONTROL VALVE DETAIL FOR NOMINAL GPM AT EACH HOT WATER RETURN BRANCH LINE CONNECTION.
- HOT WATER RETURN PIPING BRANCH LINES TO DROP DOWN IN WALL AND CONNECT TO HOT WATER SUPPLY AT STOPS, OR AT TEMPERING STATIONS. REFER TO DETAIL SHEET FOR DIAGRAMS SHOWING CONNECTIONS.
- ARRANGE WATER HEATERS AND PIPING TO PROVIDE EASE OF DISASSEMBLY AND MAINTENANCE.
- PLUMBING RISERS, DRAIN STACKS, AND BRANCH PIPING OFF MAINS SHALL BE COORDINATED WITH MECHANICAL DUCTWORK, MECHANICAL PIPING, AND FIRE PROTECTION PIPING SYSTEMS.
- INSTALL PIPING HIGH AS POSSIBLE. AS IN THE CASE OF WAREHOUSE AREAS, IN ORDER TO ALLOW FOR SHELVING AND RACKING SYSTEMS OR OTHER SPECIAL CONDITIONS THAT MAY ARISE.
- WHERE REMOTE CHILLER IS TO BE PROVIDED WITH AN ELECTRIC WATER COOLER, PIPE 1/2" COLD WATER WITH SHUT-OFF VALVE TO REMOTE CHILLER AND INTERCONNECT WITH FOUNTAIN.
- INDUSTRIAL COLD WATER PIPING SERVING LANDSCAPE PLANTERS AND TREES SHALL BE SUPPLIED THROUGH BACKFLOW PREVENTER BY LANDSCAPE SECTION. REFER TO LANDSCAPE DRAWINGS FOR FINAL STUB-UP AND TERMINATION SERVING ALL PLANTERS AND STATIONS.
- FUTURE TENANT ROUGH-IN FOR GREASE, WASTE, GAS, WATER AND VENT PIPING SHALL BE MINIMUM 4'-2" BELOW STRUCTURE. (ROUGH-IN HEIGHT SHALL BE COORDINATED WITH ARCHITECT AND WITH OTHER DIVISIONS OF WORK.)
- FUTURE TENANT ROUGH-IN FOR GREASE, WASTE, GAS, WATER AND VENT PIPING SHALL BE MINIMUM 4'-2" BELOW STRUCTURE. (ROUGH-IN HEIGHT SHALL BE COORDINATED WITH ARCHITECT AND WITH OTHER DIVISIONS OF WORK.)
- GREASE WASTE PIPING SHALL PITCH AT 2% PER FOOT WHERE INVERT ALLOWS.
- GREASE WASTE PIPING BELOW GRADE SHALL BE URECON PRE-INSULATED SCHEDULE 40 PVC PIPE WITH SOLVENT WELD JOINTS, MANUFACTURED FROM VIRGIN TYPE 1, GRADE 1 PVC CONFORMING TO ASTM RESIN SPECIFICATION D 1784 AND SHALL BE FULLY COMPATIBLE AND INTERCHANGEABLE WITH COMMERCIAL PVC. PIPES SHALL BE INSULATED BY URECON "UP" VOID FREE INSULATION PROCESS WITH AN INTEGRAL CONDUIT AND SHALL INCLUDE FOR THERMOCLAVE HEAT TRACE SYSTEM AT 105° CONSTANT WATT, 208V/1~ (2", 3" AND 4" PIPE = 1 RUN OF C13-240 CABLE, 6" PIPE = 2 RUNS OF C10-240 CABLE) INSULATION

Approval of submitted plans is not an approval of omissions or oversights by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.

THE APPROVED CONSTRUCTION PLANS, DOCUMENTS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION

ITEMS TO BE DEFERRED: MECHANICAL PLANS THAT INCLUDE INSTALLATION OF EXHAUST SYSTEM FOR PAINT BOOTH. INCLUDE CFM PER MANUFACTURER'S SPECIFICATIONS, TERMINATION DETAILS, SUPPORT AND STRUCTURAL ROOF PENETRATION DETAILS, INCLUDE CLEARANCE STRUCTURAL SUPPORT

City of Puyallup Building APPROVED See permit for additional requirements. JMontgomery 02/22/2023 3:12:07 PM



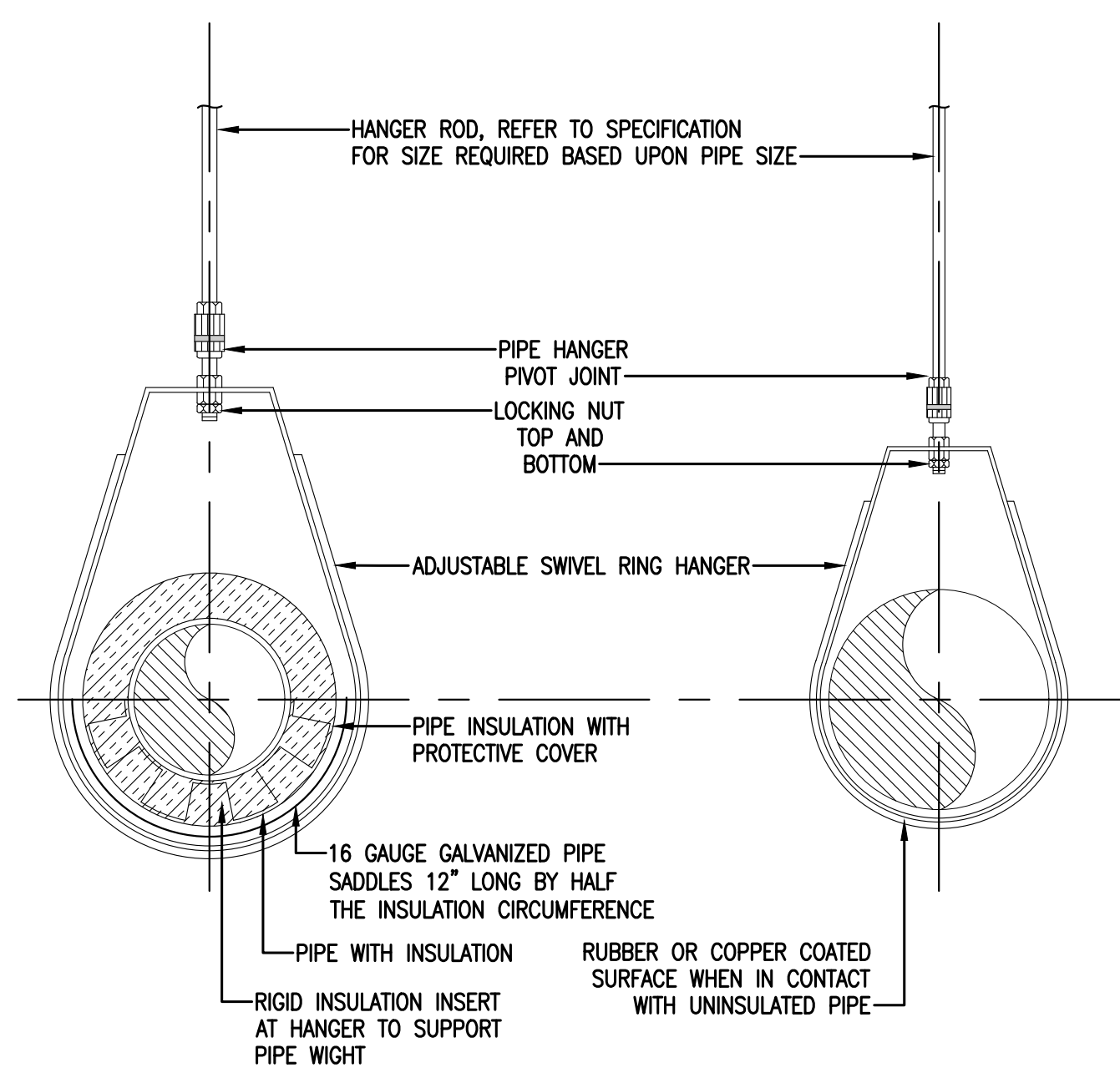
ITEM	FIXTURE	MFR	MODEL NO.	ROUGH-IN SIZE					ELECTRICAL	NOTES
				TW	HW	CW	VENT	WASTE		
A	3 STAGE PARTS WASHER	-	-	-	-	1"	-	-	-	1

1. INSTALL SERVICE, SHUT OFF AND CHECK VALVES, COCKS, STOPS, AIR CUSHIONS, VACUUM BREAKERS, AND SAFETY DEVICES.

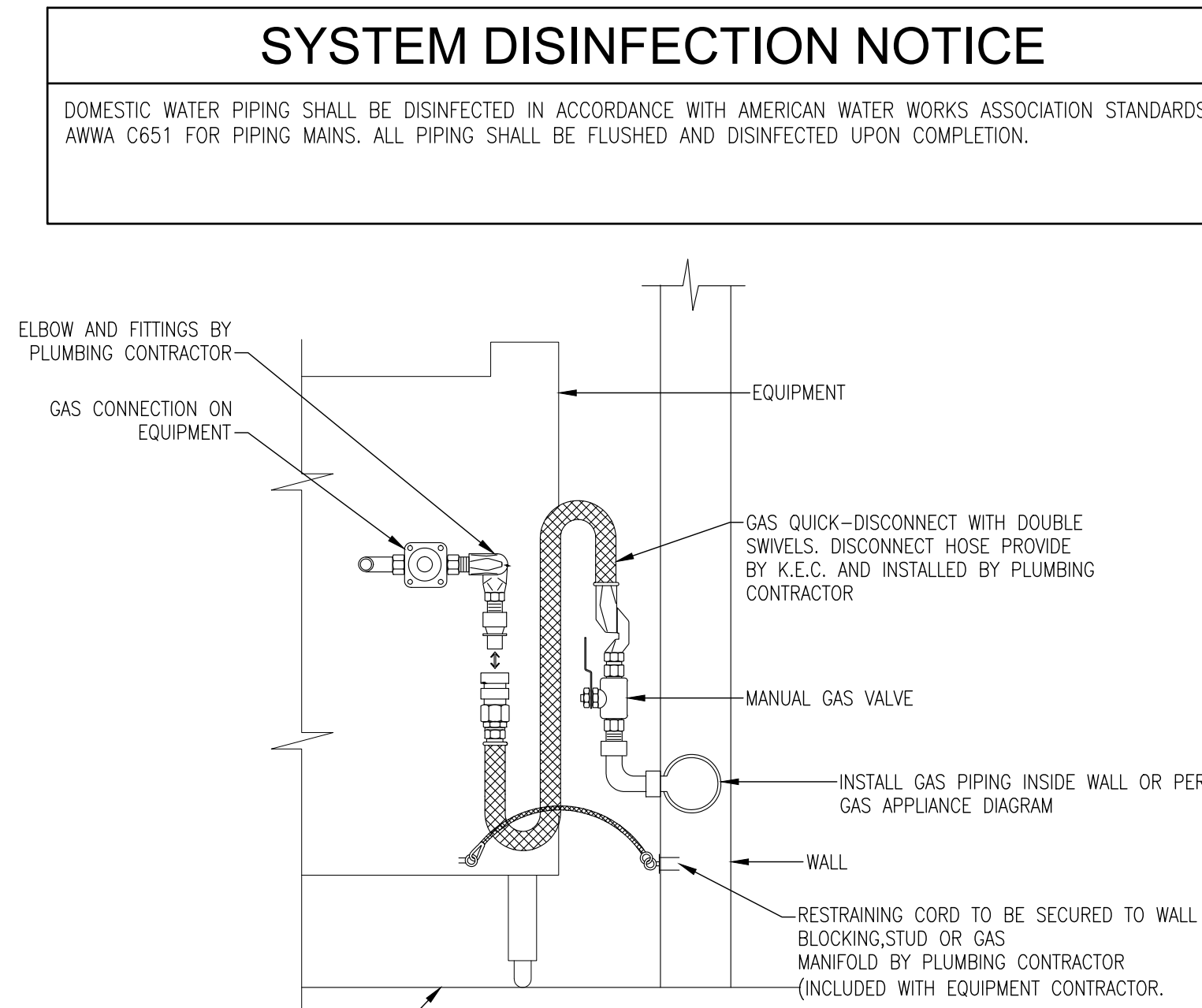
FIXTURE	EXISTING	REMOVED	ADDED	TOTAL FIXTURES	WSFU	DFU	TOTAL WSFU	TOTAL DFU
3 STAGE PARTS WASHER	0	0	1	1	16	2	16	2
TOTAL:							16	2

NOTE: FIXTURE VALUE NOTED IS ESTIMATE BASED ON FLOW RATE BEING ESTIMATED. IT IS NOT A STANDARD FIXTURE AS LISTED BY PLUMBING CODE.

The 3 Stage Parts Washer is only permitted to connect to City water under permit PRCT120221916. The 16 water fixture units totaled in the Plumbing Fixture Count Summary were used to calculate and assess water system development fees for PRCT120221916. The 3 Stage Parts Washer shall not connect to City sanitary sewer at this time. Discharged water shall be pumped and hauled off site for treatment. The sanitary sewer connection for the 3 Stage Parts Washer shall be reviewed under the future manufacturing TI application. The standard CoP Plumbing Fixture Worksheet is not required for this permit since the 3 Stage Parts Washer is not a standard fixture.



1 PIPE (4" AND LOWER) HANGER DIAGRAM NO SCALE

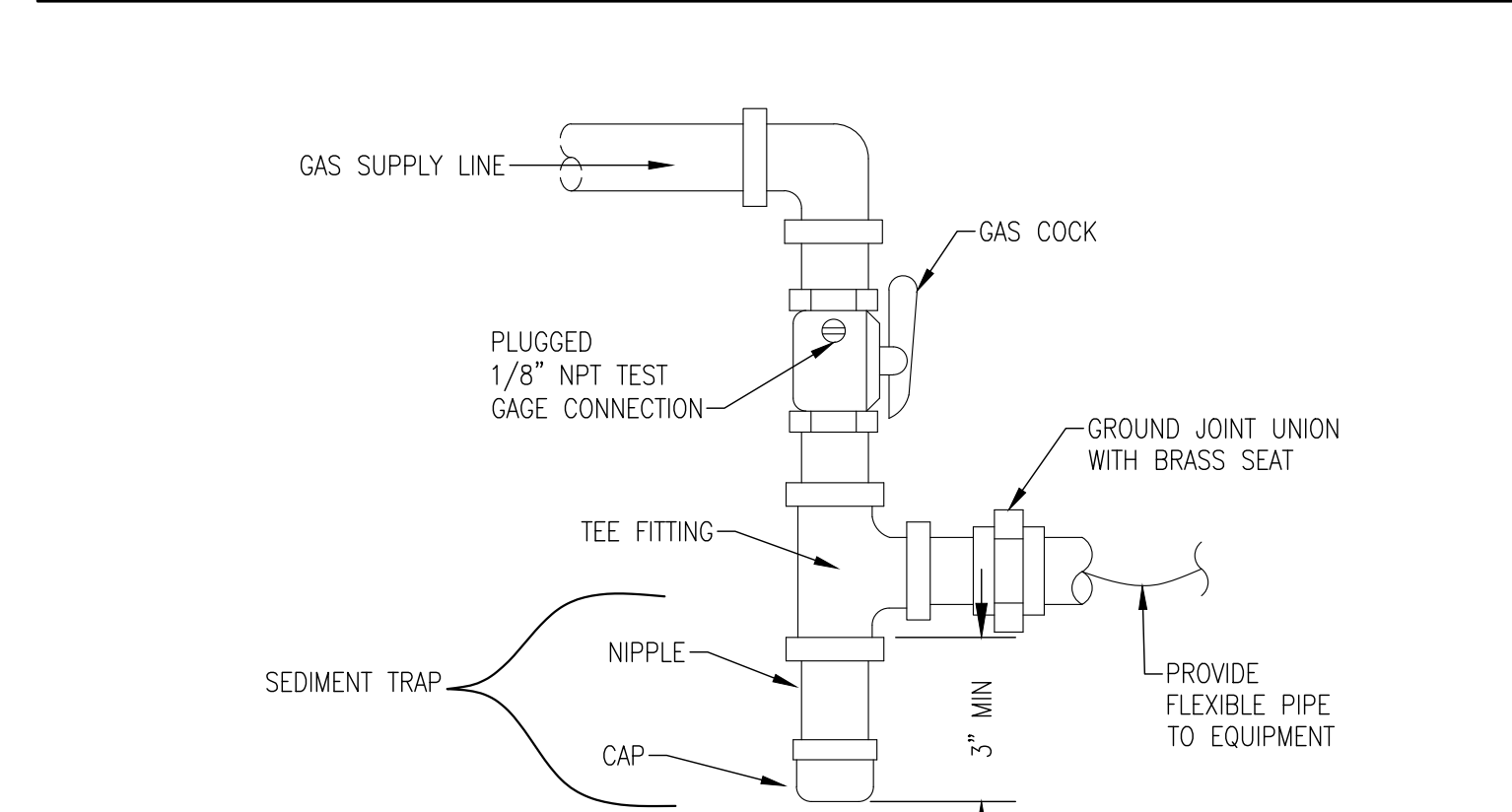


2 QUICK DISCONNECT DIAGRAM NO SCALE

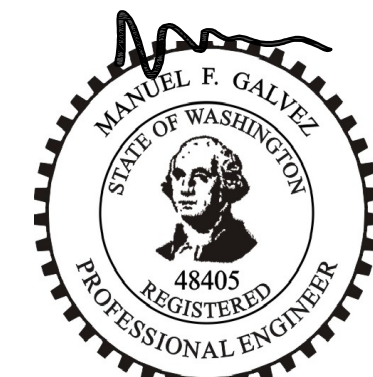
ISSUE		SHEET INDEX	
2023-02-17	ISSUE FOR PERMIT	SHEET NUMBER	SHEET DESCRIPTION
		P0.0	PLUMBING INDEX, NOTES, DIAGRAMS
		P3.0	PLUMBING SITE PLAN - NON POTABLE WATER & GAS
		P3.1	PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS
		P3.2	PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS

PLUMBING ABBREVIATION LIST			
AD	ACCESS DOOR / AREA DRAIN ABOVE FINISH FLOOR	MCA	MINIMUM CIRCUIT AMPS
AFT	ACCESS PANEL	MCC	MANHOLE
AP	ACCESS PANEL	MH	MANHOLE
AUTO	AUTOMATIC	MN	MINIMUM
BFF	BELOW FINISHED FLOOR BUILDING MANAGEMENT SYSTEM	MOC	MAXIMUM OVER CURRENT PROTECTION
BMS	BACK OF HOUSE	NA	NOT APPLICABLE
BOH	BACK OF HOUSE	NEC	NATIONAL ELECTRICAL CODE
BOS	BOTTOM OF STEEL	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
BTU	BRITISH THERMAL UNIT	NIC	NOT IN CONTACT
*C	DEGREES CELSIUS	NIPSA	NET POSITIVE SUCTION HEAD AVAILABLE
CFH	CUBIC FEET PER HOUR	NIC	NET POSITIVE SUCTION HEAD REQUIRED
CFM	CUBIC FEET PER MINUTE	NPSHA	NET POSITIVE SUCTION HEAD AVAILABLE
CP	CHROME PLATED	NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
DC	DIRECT CURRENT	NPT	NATIONAL PIPE THREAD
DDC	DIRECT DIGITAL CONTROL	NPW	NON POTABLE WATER
DDCP	DIRECT DIGITAL CONTROL PANEL	OCFI	OWNER FURNISHED/CONTRACTOR INSTALLED
DF	DRINKING FOUNTAIN	P	PUMP
DIA (-)	DIAMETER	PA	PRESSURE AVAILABLE
DN	DOWN	PD	PRESSURE DROP
E	EXISTING	PEI	PLUMBING ENGINEERING INSTITUTE
EFF	EFFICIENCY	PH	PHASE
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM	POC	POINT OF CONNECTION
ET	EXPANSION TANK	POD	POINT OF DISCONNECT
EWC	ELECTRIC WATER COOLER	POS	PROVIDE BY OTHER SECTION
*F	DEGREES FAHRENHEIT	PRV	PRESSURE REDUCING VALVE
FCO	FLOOR CLEAN OUT	PSI	POUND PER SQUARE INCH
FH	FIRE HORRANT	PSIA	POUND PER SQUARE INCH ABSOLUTE
FLA	FULL LOAD AMPS	PSIG	POUND PER SQUARE INCH GAUGE
FFM	FEET PER MINUTE	PSH	POUND PER SQUARE INCH GAUGE
FPS	FEET PER SECOND	PSI	POUND PER SQUARE INCH GAUGE
FT	FEET / FLUSH TANK	PSI	POUND PER SQUARE INCH GAUGE
FU	FIXTURE UNITS	PSI	POUND PER SQUARE INCH GAUGE
FV	FLUSH VALVE	S	SINK, SOIL
GAL	GALLONS	SEER	SEASONAL ENERGY EFFICIENCY RATIO
GPH	GALLONS PER HOUR	SH	SHOWER / STATIC HEAD
GPM	GALLONS PER MINUTE	SOV	SHUT-OFF VALVE
H	HEIGHT	SP	STATIC PRESSURE
HD	HEAD	SS	SQUARE FEET SERVICE SINK / STAINLESS STEEL
HOA	HAND OFF AUTO	T	TEMPERATURE
HP	HORSEPOWER	TAB	TESTING AND BALANCING
HR	HOUR	TDH	TOTAL DEVELOPED HEAD
HS	HAND SINK	TEL	TOTAL EQUIVALENT LENGTH
HZ	HERTZ	TOS	TOP OF STEEL
IBC	INTERNATIONAL BUILDING CODE SYSTEM	TP	TRAP PRIMER
IE	ICERT ELEVATION	TS	TEMPERING STATION
IFC	INTERNATIONAL FIRE CODE	TW	TEMPERED WATER
IFGC	INTERNATIONAL FUEL GAS CODE	TYP	TYPICAL
IMC	INTERNATIONAL MECHANICAL CODE	U	UNIFORM MECHANICAL CODE
IN	INCH	UMC	UNIFORM MECHANICAL CODE
IPC	INTERNATIONAL PLUMBING CODE	UNO	UNLESS NOTED OTHERWISE UNIFORM PLUMBING CODE
KW	KILOWATT	CMC	UNIFORM PLUMBING CODE
L	LENGTH, LAVATORY	V	VENT, VOLTS
LAV	LAVATORY	W	WIDTH, WASTE, WATT
LBS	POUNDS	WC	WATER CLOSET
MAX	MAXIMUM	WFU	WATER FIXTURE UNITS
MH	1000 BRITISH THERMAL UNITS PER HOUR	WG	WATER GAUGE
MPG	MEDIUM PRESSURE GAS	WH	WATER HEATER
		WP	WATER PRESSURE
		WPD	WATER PRESSURE DROP

ABBREVIATION	SYMBOL	DESCRIPTION
NPW	---	NON POTABLE WATER
SOV	⊘	SHUT-OFF VALVE
PRV	⊘	PRESSURE REDUCING VALVE
GC	⊘	GAS COCK
	⊘	PIPE DOWN
	⊘	PIPE UP
	⊘	PIPE TEE UP
	⊘	PIPE TEE DOWN
	⊘	PIPE CAP



3 GAS CONNECTION DIAGRAM NO SCALE



DATE: 02-17-2023

RED DOT SHOP TI

PUYALLUP CORPORATE PARK 2540 EAST MAIN AVENUE PUYALLUP, WA 98372

City of Puyallup Development & Permitting Services ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PLUMBING INDEX, NOTES, DIAGRAMS

No.	Description	Date
1	PERMIT SET	02/17/2023
2		
3		

PROJECT INFORMATION PROJECT NUMBER: PROJECT LEAD: 2213 DRAWN/CHECKED BY: 2213

SHEET NO

P0.0

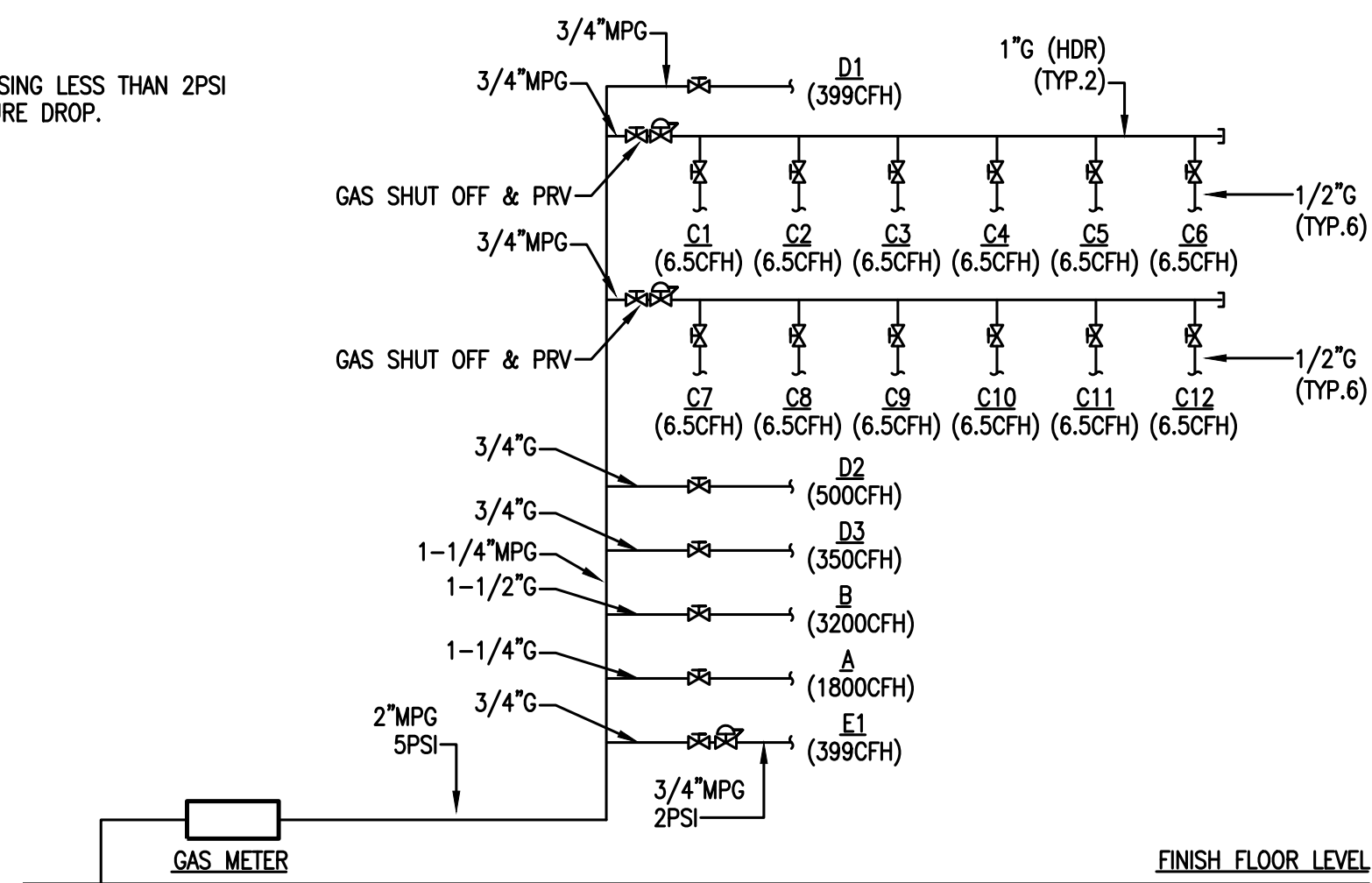
MEDIUM PRESSURE NATURAL GAS - AT 730' TDL		
BASED ON 2018 UPC TABLE 1215.2 (6)		
INLET PRESSURE	5.0 psi	
PRESSURE (SCHEDULE 40 METALLIC PIPE)		
ACTUAL LOAD (CFH)	399.0	
TABLE PIPE DEVELOP (FEET)	750	
LARGEST PIPE SIZE (INCHES)	2"	
TABLE MAXIMUM LOAD (CFH)	7190	
PIPE SIZE	PIPE ID	MAXIMUM CFH
1/2"	0.622	308
3/4"	0.824	644
1"	1.049	1210
1-1/4"	1.380	2490
1-1/2"	1.610	3730
2"	2.067	7190
GAS EQUIPMENT CAPACITIES		CFH
POWDER COAT BOOTH G-1 WASHER A	1800	
POWDER COAT BOOTH G-2 COMBINATION OVEN B	3200	
OVEN #1 D1	399	
OVEN #2 D2	500	
OVEN #3 D3	399	
BRAZING STATION C1	6.5	
BRAZING STATION C2	6.5	
BRAZING STATION C3	6.5	
BRAZING STATION C4	6.5	
BRAZING STATION C5	6.5	
BRAZING STATION C6	6.5	
BRAZING STATION C7	6.5	
BRAZING STATION C8	6.5	
BRAZING STATION C9	6.5	
BRAZING STATION C10	6.5	
BRAZING STATION C11	6.5	
BRAZING STATION C12	6.5	
GAS BOILER E1	399.0	
TOTAL	6775.0	

NOTICE

- LENGTH FROM METER TO FURTHEST REGULATOR IS 730 FEET. DISTANCES FROM REGULATORS TO MOST REMOTE APPLIANCES ARE LABELED ON THE RISER DIAGRAM. GAS PIPING IS SIZED PER 2015 SFGC, TABLE 402.4(2) AND 402.4(5).
- PROVIDE CONNECTION TO EACH PIECE OF EQUIPMENT WITH UNION, GAS COCK(TYP) AND SEDIMENT TRAP INSTALLED AS CLOSE AS POSSIBLE TO THE APPLIANCE INLET WITH THE PLUMBING DESIGN. EXCEPTIONS: APPLIANCES WITH AN INTERNAL SEDIMENT TRAP, (OR) RANGES AND GAS FIREPLACES.
- PROVIDE VENTS TO OUTDOORS FOR REGULATORS PER LOCAL JURISDICTION AND NFPA-54. ROUTING OF VENTS IS NOT SHOWN ON THE PLANS.
- PROVIDE GAS SOLENOID VALVE FOR AUTOMATIC GAS SHUT-OFF. INTERLOCK VALVE SHALL BE CLOSED (DE-ENERGIZED) UPON ALARM CONDITION. LOCATE VALVE IN ACCESSIBLE LOCATION.
- CONTRACTOR SHALL OBTAIN VERIFICATION FROM LOCAL UTILITY PRIOR TO CONSTRUCTION THAT 5.0 PSI GAS SERVICE IS AVAILABLE. NOTIFY ENGINEER IMMEDIATELY IF 5.0 PSI GAS SERVICE IS NOT AVAILABLE.
- GAS PIPING 1-1/2" AND SMALLER SHALL BE JOINED BY THREADING. GAS PIPING 2" AND LARGER SHALL BE JOINED BY WELDING.

PIPING AFTER THE PRV IS SIZED USING LESS THAN 2PSI INLET PRESSURE, 0.5" W.C. PRESSURE DROP.

PIPE SIZE:	MAX. CFH/MRH
10'	
1/2"	172
3/4"	360
1"	678
1-1/4"	1390
1-1/2"	2090
2"	4020



1 GAS CONNECTION DIAGRAM
NO SCALE

NOTES

- 1 PROPOSED LOCATION OF EQUALIZATION TANK (BY OWNER)
- 2 SEE SHEET P0.0 FOR GAS PIPING SIZES AND INFO.
- 3 PROPOSED LOCATION OF CHILLER (BY OWNER)
- 4 APPROXIMATE POINT OF CONNECTION TO EXISTING WATER PIPING. FIELD VERIFY EXACT SIZE AND LOCATION.

NOTICE

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENTAL AND LOCAL CODE REQUIREMENTS.
- PROVIDE ACCESS PANELS AS REQUIRED TO ALLOW ACCESS TO VALVES, EQUIPMENT, ETC. LOCATED ABOVE INACCESSIBLE CEILING AND WALL CAVITIES.
- COORDINATE ALL SLAB PENETRATIONS WITH GENERAL CONTRACTOR PRIOR TO CONSTRUCTION. MAINTAIN A MINIMUM OF 2" CLEARANCE FROM THE EDGE OF THE SLAB OPENING TO ANY STRUCTURAL MEMBERS AND PIPES.
- PIPE SIZES INDICATED ON THE PLANS ARE MINIMUM. THE CONTRACTOR SHALL PROVIDE PIPE SIZES EQUAL TO OR GREATER THAN THE SPECIFIED SIZES. THE CONTRACTOR MAY INCREASE PIPE SIZES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE PROJECT.
- REFER TO THE PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL PLUMBING FIXTURE CONNECTION SIZE REQUIREMENTS.
- ALL HANDICAPPED ACCESSIBLE WATER CLOSETS SHALL HAVE THE FLUSHING HANDLE ON THE WIDE SIDE OF THE HANDICAPPED ACCESSIBLE STALL AS REQUIRED BY ADA REQUIREMENTS.
- ALL PUBLIC USE LAVATORY FAUCETS SHALL HAVE AN AUTOMATIC SAFETY WATER MIXING DEVICE IN ACCORDANCE WITH ANS/ASSE 1017 OR 1070 AS APPLICABLE.
- PLUMBING CONTRACTOR SHALL ENSURE NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN DEDICATED SPACE ABOVE ELECTRICAL EQUIPMENT.
- REFER TO STRUCTURAL PLANS FOR COORDINATION OF EQUIPMENT SUPPORT/ANCHORING.



RED DOT SHOP TI

PUYALLUP CORPORATE PARK
2504 EAST MAIN AVENUE
PUYALLUP, WA 98372

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS

ISSUANCE

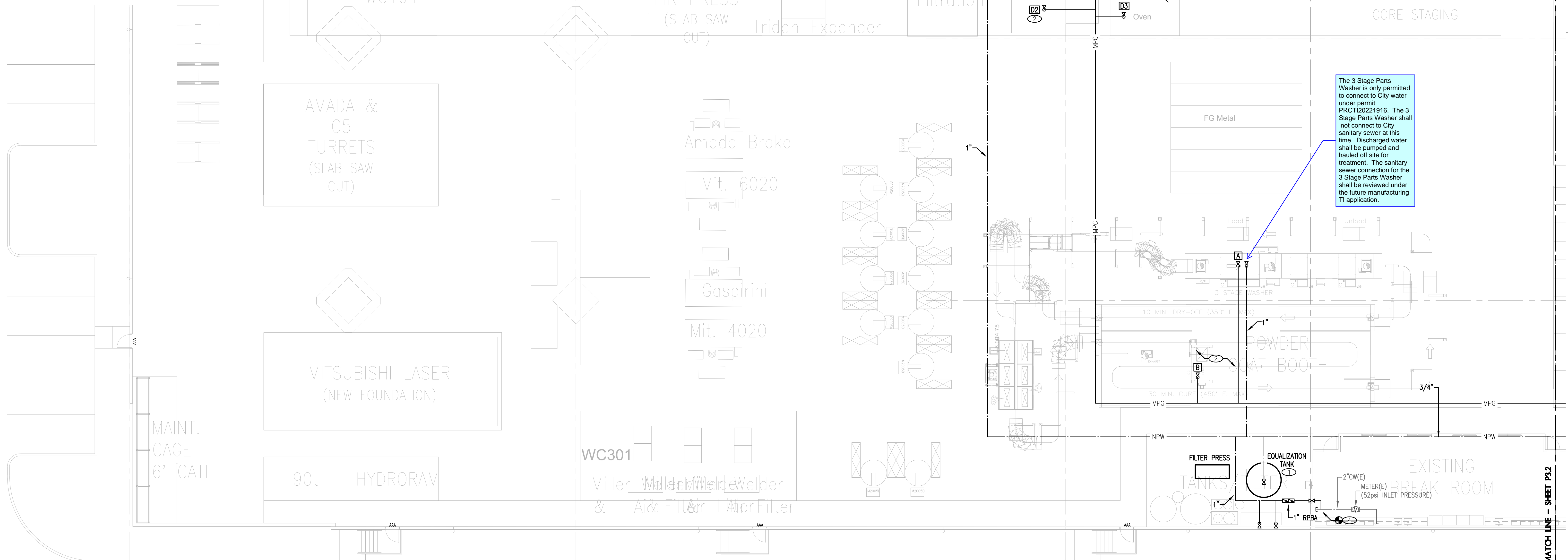
No.	Description	Date
1	PERMIT SET	02/17/2023
2		
3		

PROJECT INFORMATION
PROJECT NUMBER:
PROJECT LEAD: 2213
DRAWN/CHECKED BY: 2213

SHEET NO

PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS

SCALE: 3/32" = 1'-0"



The 3 Stage Parts Washer is only permitted to connect to City water under permit PRCT120221916. The 3 Stage Parts Washer shall not connect to City sanitary sewer at this time. Discharged water shall be pumped and hauled off site for treatment. The sanitary sewer connection for the 3 Stage Parts Washer shall be reviewed under the future manufacturing TI application.

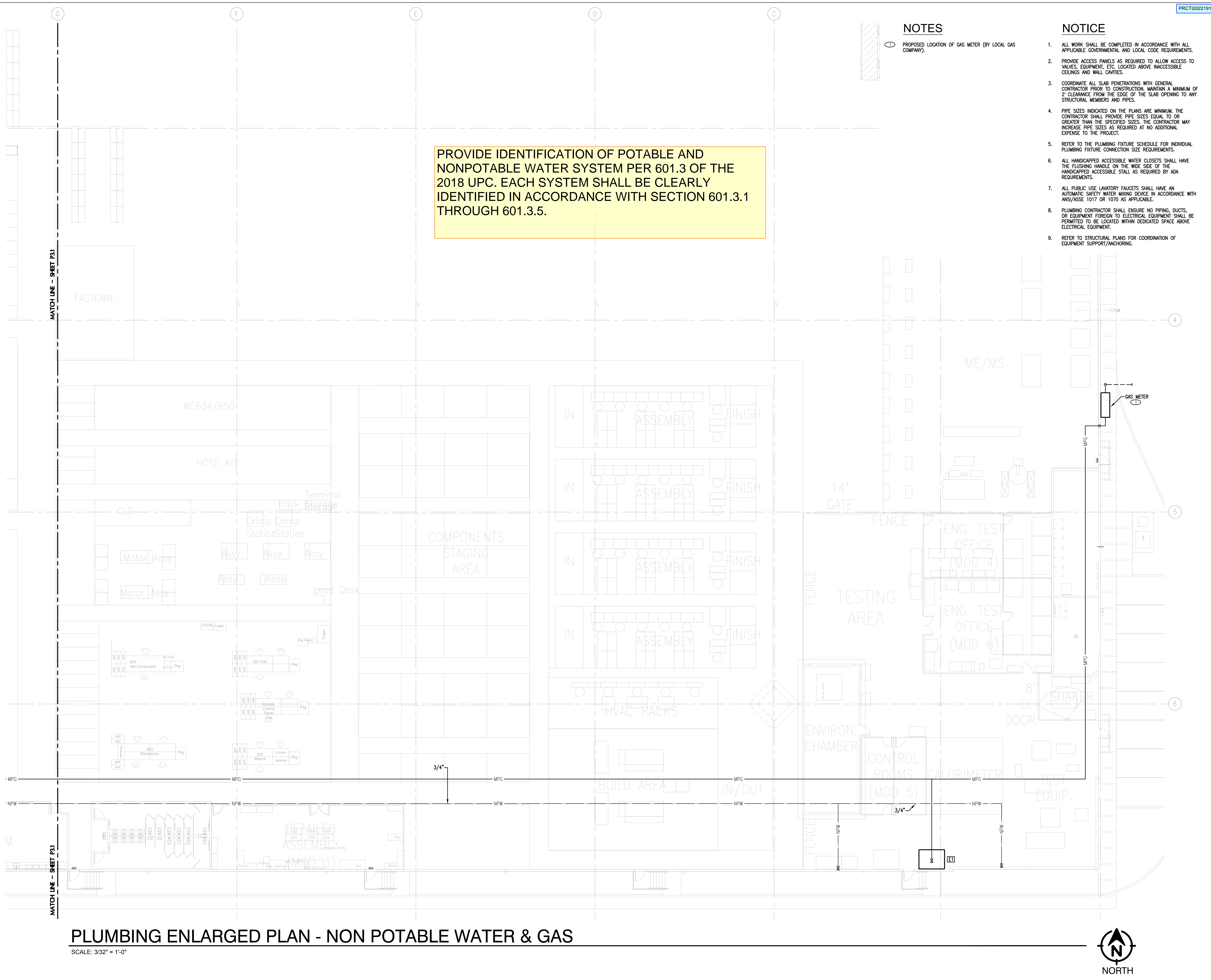
NOTES

1. PROPOSED LOCATION OF GAS METER (BY LOCAL GAS COMPANY).

NOTICE

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE GOVERNMENTAL AND LOCAL CODE REQUIREMENTS.
2. PROVIDE ACCESS PANELS AS REQUIRED TO ALLOW ACCESS TO VALVES, EQUIPMENT, ETC. LOCATED ABOVE INACCESSIBLE CEILINGS AND WALL CAVITIES.
3. COORDINATE ALL SLAB PENETRATIONS WITH GENERAL CONTRACTOR PRIOR TO CONSTRUCTION. MAINTAIN A MINIMUM OF 2" CLEARANCE FROM THE EDGE OF THE SLAB OPENING TO ANY STRUCTURAL MEMBERS AND PIPES.
4. PIPE SIZES INDICATED ON THE PLANS ARE MINIMUM. THE CONTRACTOR SHALL PROVIDE PIPE SIZES EQUAL TO OR GREATER THAN THE SPECIFIED SIZES. THE CONTRACTOR MAY INCREASE PIPE SIZES AS REQUIRED AT NO ADDITIONAL EXPENSE TO THE PROJECT.
5. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL PLUMBING FIXTURE CONNECTION SIZE REQUIREMENTS.
6. ALL HANDICAPPED ACCESSIBLE WATER CLOSETS SHALL HAVE THE FLUSHING HANDLE ON THE WIDE SIDE OF THE HANDICAPPED ACCESSIBLE STALL AS REQUIRED BY ADA REQUIREMENTS.
7. ALL PUBLIC USE LAVATORY FAUCETS SHALL HAVE AN AUTOMATIC SAFETY WATER MIXING DEVICE IN ACCORDANCE WITH ANSI/ASSE 1017 OR 1070 AS APPLICABLE.
8. PLUMBING CONTRACTOR SHALL ENSURE NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN DEDICATED SPACE ABOVE ELECTRICAL EQUIPMENT.
9. REFER TO STRUCTURAL PLANS FOR COORDINATION OF EQUIPMENT SUPPORT/ANCHORING.

PROVIDE IDENTIFICATION OF POTABLE AND NONPOTABLE WATER SYSTEM PER 601.3 OF THE 2018 UPC. EACH SYSTEM SHALL BE CLEARLY IDENTIFIED IN ACCORDANCE WITH SECTION 601.3.1 THROUGH 601.3.5.



RED DOT SHOP TI

PUYALLUP CORPORATE PARK
 2504 EAST MAIN AVENUE
 PUYALLUP, WA 98372

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS

ISSUANCE

No.	Description	Date
1	PERMIT SET	02/17/2023
2		
3		

PROJECT INFORMATION
 PROJECT NUMBER:
 PROJECT LEAD: 2213
 DRAWN/CHECKED BY: 2213

SHEET NO.
P3.2

PLUMBING ENLARGED PLAN - NON POTABLE WATER & GAS
 SCALE: 3/32" = 1'-0"

