PLUMBING FIXTURE SCHEDULE

REMOVED

PLUMBING FIXTURE COUNT SUMMARY

PER UPC 2018 TABLE 702.1

ADDED

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

TOTAL FIXTURES

0 | 0 | 1 | 1 | 16 | 2 | 16 | 2

WSFU

DFU

- 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
- 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.

TAKEN FROM APPROVED FOOD SERVICE SHOP DRAWINGS.

- 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. INDIRECT 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
- 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.
- 10. PROVIDE SHEET METAL DRAIN PAN UND GRAVITY OR PUMPED DRAIN PIPING WHERE PIPING OCCURS ABOVE KITCHENS, FOOD SERVILL PREP. FUTURE TENANT KITCHENS. OR FOOD SERVICE CORRIDORS. PIPE 3/4" DRAIN FROM DRAIN PAN TO OVER NEAREST FLOOR SINK.
- 11. 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.
- 12. 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.

FIXTURE

3 STAGE PARTS

WASHER

MFR

FIXTURE

STAGE PARTS WASHER

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

EXISTING

ITEM

Add a note to the

plumbing fixture count

that the chiller and

Plan, Sheet P0.0]

equalization tank are not listed. [Plumbing

summary on sheet P0.0

14. 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.

PLUMBING GENERAL NOTES

- 15. COORDINATE SPRINKLER/STANDPIPE DRAIN REQUIREMENTS AND LOCATIONS WITH FIRE PROTECTION DIVISION OF WORK.
- 16. REFER TO CIVIL DRAWINGS FOR INVERT AT SITE UTILITY POINTS OF CONNECTION, PROVIDE OFFSET AND INCREASER FOR STORM DRAIN OR SEWER AS REQUIRED FOR CONNECTION TO
- 17. 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.
- 18. 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 FACH 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.)
- 19. REFER TO FLOW CONTROL VALVE DETAIL FOR NOMINAL GPM AT EACH HOT WATER RETURN BRANCH LINE CONNECTION.
- 20. 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.
- 21. ARRANGE WATER HEATERS AND PIPING TO PROVIDE EASE OF DISASSEMBLY AND MAINTENANCE.
- 22. PLUMBING RISERS, DRAIN STACKS, AND BRANCH PIPING OFF MAINS SHALL BE COORDINATED WITH MECHANICAL DUCTWORK, MECHANICAL PIPING, AND FIRE PROTECTION PIPING SYSTEMS.
- 23. 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
- 24. 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.
- 25. 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.
- 26. FUTURE TENANT ROUGH-IN FOR GREASE, WASTE, GAS, WATER AND VENT PIPING SHALL BE MINIMUM ±2'-0" BELOW STRUCTURE. (ROUGH-IN HEIGHT SHALL BE COORDINATED WITH
- ARCHITECT AND WITH OTHER DIVISIONS OF WORK.) 27. GREASE WASTE PIPING SHALL PITCH AT 2% PER FOOT WHERE INVERT ALLOWS.

28. 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 "UIP" VOID FREE INSULATION PROCESS WITH AN INTEGRAL CONDUIT AND SHALL INCLUDE FOR

THERMOCABLE 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

TOTAL

TOTAL: 16 2

TOTAL

DFU

THICKNESS SHALL BE 2". INSULATION SHALL BE WRAPPED WITH A 50 mm POLYETHYLENE BLACK TAPE. INSTALLATION SHALL BE PER MANUFACTURER'S GUIDE LINES. URECON SHALL PROVIDE INSULATION KIT FOR ALL FITTINGS. (URECON PRE-INSULATED PIPE 780-985-3636). CONTRACTOR SHALL VERIFY THE NUMBER OF CONTROL BOXES AND COMPONENTS WITH URECON MANUFACTURER REPORT FOR COMPLETE AND OPERABLE SYSTEM. GREASE WASTE PIPE ABOVE GRADE SHALL BE NO-HUB CAST IRON, INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE A SELF-REGULATING TEMPERATURE MAINTENANCE SYSTEM EQUAL TO RAYCHEM 8XL2-CR FOR 105°F DESIGN TEMPERATURE. STRAIGHT TRACED AND INSTALLED UNDER 1" PREFORMED FIBERGLASS PIPE INSULATION WITH VAPOR BARRIER. PROVIDE POWER CONNECTION KIT, TEE CONNECTION KITS AND END SEAL KIT AND SPLICE KITS AS REQUIRED INSTALLATION AND TESTING SHALL COMPLY IN ALL RESPECTS WITH MANUFACTURER'S INSTALLATION AND TESTING PROCEDURES. SUBMIT TEST REPORT TO ARCHITECT FOR REVIEW. SYSTEM SHALL BE 208V/1~ SERVICE. PROVIDE GLASS TAPE TO TAPE HEATING CABLE TO THE PIPE, ALSO PROVIDE "ELECTRIC TRACED" LABEL AND LOCATE PER MANUFACTURER'S RECOMMENDATIONS.

- 29. PROVIDE A 6mm POLYETHYLENE SLEEVE EQUAL TO IPS WATER-TITE FOR COPPER DOMESTIC WATER PIPE BELOW SLAB.
- 30. HOT AND COLD WATER SHUT-OFF VALVES AND HOT WATER RETURN THROTTLING VALVES SHALL BE LOCATED TO BE EASILY ACCESSED.
- 31. PROVIDE STAINLESS STEEL BASKET AT KITCHEN AND BAR FLOOR SINKS. DRAIN SPECIALTIES MODEL NUMBER DS-200.
- 32. PROVIDE WALL CLEANOUTS AT SINKS AND URINALS IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE ADOPTED STANDARD PLUMBING CODE.
- 33. REFER TO MIXING VALVE DETAIL FOR LAVATORY/SINK TEMPERED WATER DETAIL. PROVIDE THERMOSTATIC TYPE MIXING VALVE AS INDICATED.
- 34. MINIMUM DISTANCE FOR CONNECTIONS AT THE BASE OF SOVENT STACKS ARE 5'-0" FOR 6" STACK, 4'-2" FOR 5" STACK, 3'-4" FOR 4" STACK AND 2'-6" FOR 3" STACK, THIS DISTANCE SHALL APPLY TO ALL CONNECTIONS, INCLUDING FIXTURE BRANCHES.
- 35. THE CAST IRON SOVENT SYSTEM SHALL BE MANUFACTURED AND DISTRIBUTED BY CONNIE MANUFACTURING COMPANY OR APPROVED EQUAL. THE INSTALLATION SHALL BE IN ACCORDANCE WITH APPROVED DRAINAGE AND SPECIFICATIONS, AND IN COMPLIANCE WITH THE CAST IRON SOVENT DESIGN MANUAL. SOVENT AERATOR AND DEAERATOR FITTINGS SHALL BE IN COMPLIANCE WITH STANDARD ASME/ANSI B16.4519897, SPONSORED AND PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS. SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
- 36. VENTS THROUGH ROOF SHALL BE MINIMUM 10'-0" FROM ANY OUTSIDE AIR INTAKES AND BUILDING OPENINGS.
- 37. EQUIPMENT AND PIPING LOCATIONS SHOWN FROM BEST AVAILABLE INFORMATION. CONTRACTOR SHALL FIELD VERIFY SIZE AND LOCATIONS PRIOR TO START OF WORK. IF SYSTEMS ARE NOT AS SHOWN IN DRAWINGS, REPORT DEVIATIONS TO ARCHITECT/ENGINEER WITHIN 48 HOURS OF
- 38. WHERE PIPING IS TO BE REMOVED TO A POINT, IT SHALL BE CAPPED OFF AND PROTECTED (WHERE APPLICABLE) FOR CONNECTION TO NEW WORK. INSULATION ON EXISTING PIPING
- 39. PIPING CONNECTING TO REMOVED EQUIPMENT SHALL BE REMOVED TO A POINT SO AS NOT TO INTERFERE WITH NEW CONSTRUCTION.

SHALL BE REPAIRED OR REPLACED EQUAL TO NEW CONDITION.

40. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND PATCHING OF DAMAGED ARCHITECTURAL COMPONENTS TO REMAIN DURING THE REMOVAL OF DESIGNATED SYSTEMS. COORDINATE REPAIR REQUIREMENTS WITH ARCHITECT.

FIRE PROTECTION NOTICE

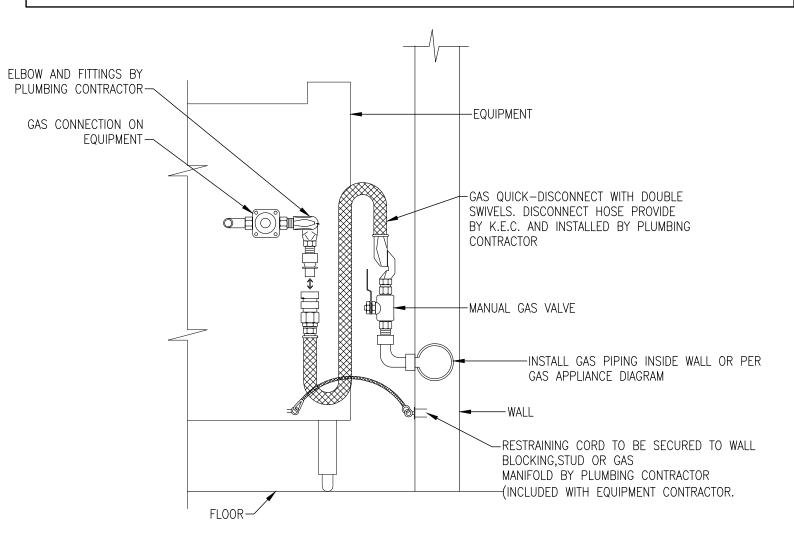
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE FIRE SPRINKLER SYSTEM DESIGN, LAYOUT, HYDRAULIC CALCULATIONS, PREPARATION OF SHOP DRAWINGS, FIELD INSTALLATION, COORDINATION AND COMPLETION IN ACCORDANCE WITH PROJECT REQUIREMENT AND APPLICABLE CODES AND STANDARDS.
- PENETRATION OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED, FIRE STOPPING SHALL BE U.L. APPROVED MATERIAL, INSTALLATION OF THE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLAN AND SPECIFICATIONS, INCLUDING WATER SUPPLY INFORMATION HAVE BEEN APPROVED BY LOCAL FIRE DEPT.
- THE WORK OF THE SECTION SHALL BE INSTALLED UNDER SUPERVSION AND CONTROL OF A LICENSED FIRE SPRINKLER ENGINEER/CONTACTOR.
- APPLY AND PAY FOR ALL PERMITS, FEES, INSPECTIONS SHALL COMPLY WITH WITH THE REQUIREMENTS OF NFPA-13, NFPA-72 (FIRE ALARM/MONITORING) INSURANCE CARRIER, LOCAL FIRE DEPT. AND ALL LOCAL ORDINANCES

PIPING MATERIAL SCHEDULE MATERIALS COMPLY WITH LATEST UPC MATERIAL REQUIREMENTS. SERVICE (NOTE: ALL PIPING ABOVE GRADE SHALL BE LABELED ACCORDINGLY) DOMESTIC WATER TYPE 'L' HARD COPPER ASTM B88, FITTINGS: WROUGHT COPPER, CAST BRASS, CAST BRONZE, JOINTS: 95/5 LEAD FREE SOLDER, INSULATION: FIBERGLASS. (ABOVE GRADE) RIACK STEEL SCHEDULE 40 FITTINGS AND JOINTS: THREADED UP TO 2-1/2" WEIDED AROVE

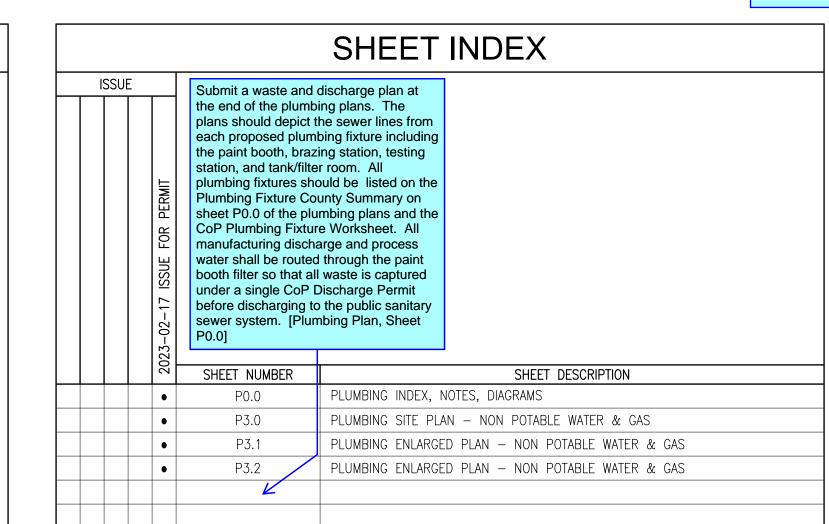
(INDOOR ABOVE GRADE)	2-1/2"
NATURAL GAS (OUTDOOR BELOW GRADE)	POLYETHYLENE D2513 MIN 14 AWG TRACER OR MAGNETIC TAPE PER AWWA STANDARD, FITTINGS AND JOINTS: CTS, IPS, NPS OR SDR SHALL MATCH.
NATURAL GAS (OUTDOOR ABOVE GRADE)	BLACK STEEL SCHEDULE 40, FITTINGS AND JOINTS: THREADED UP TO $2-1/2$ ", WELDED ABOVE $2-1/2$ "

SYSTEM DISINFECTION NOTICE

DOMESTIC WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION STANDARDS AWWA C651 FOR PIPING MAINS. ALL PIPING SHALL BE FLUSHED AND DISINFECTED UPON COMPLETION.

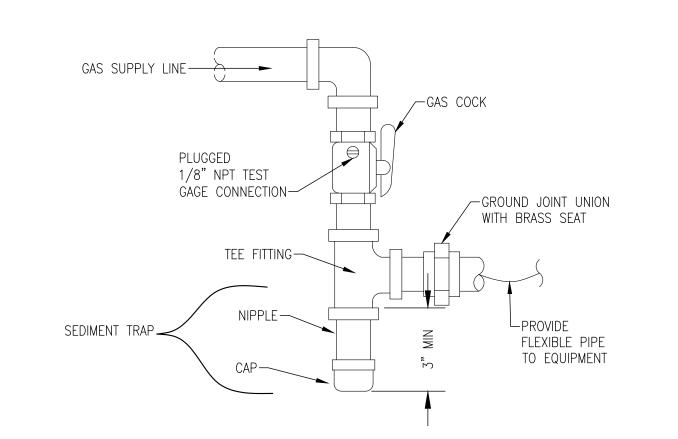


QUICK DISCONNECT DIAGRAM



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

PLUMBING SYMBOL LIST			
ABBREVIATION	SYMBOL	DESCRIPTION	
	_	SHEET NOTE	
	\triangle	REVISION NUMBER	
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	



GAS CONNECTION DIAGRAM

24230 ROBERTS DR. BLACK DIAMOND. WA 98010 360.886.5072



RED DOT SHOP TI

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

City of Puyallup Development & Permitting Service ISSUED PERMIT			
Building	Planning		
Engineering	Public Works		
Fire OF W	Traffic		

PRCTI20230447

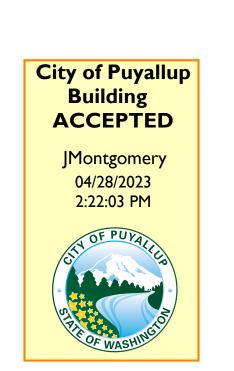
PLUMBING INDEX, **NOTES, DIAGRAMS**

ISSUANCE Description Date 02/17/2023 PERMIT SET

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

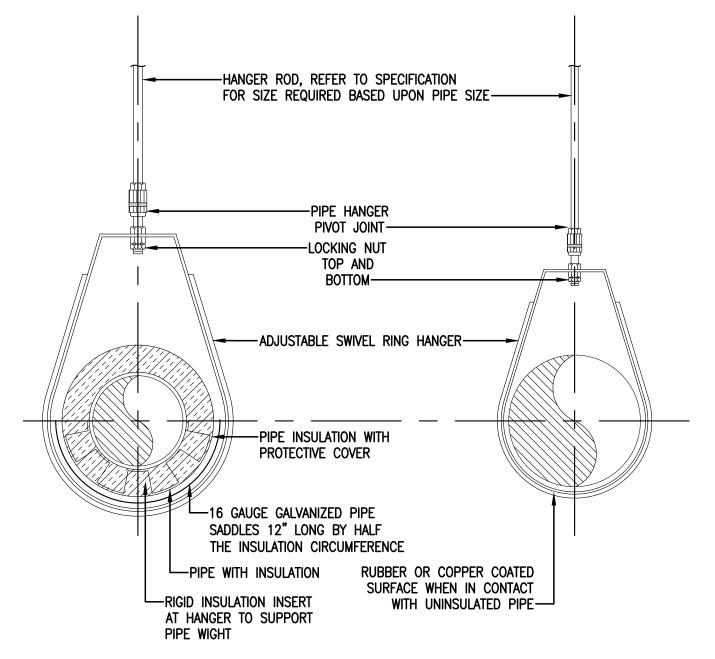
SHEET NO

P0.0



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

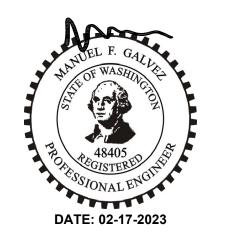


PIPE (4" AND LOWER) HANGER DIAGRAM

NOTICE

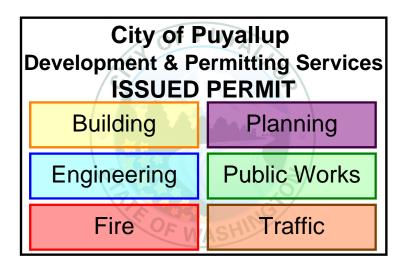
- CONTRACTOR TO COORDINATE ALL UTILITY CONNECTIONS WITH CIVIL PLANS AND LOCAL UTILITIES.
- PLAN SHOWN FOR REFERENCE ONLY. REFER TO CIVIL AND ARCHITECTURAL PLANS.
- 3 REFER TO OWNER AND LANDSCAPE DESIGN FOR ANY LANDSCAPE REQUIREMENTS.
- 4. FIELD VERIFY AVAILABLE SITE PRESSURE PRIOR TO START OF WORK.





RED DOT SHOP TI

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372



PRCTI20230447

PLUMBING SITE PLAN -NON POTABLE WATER & GAS

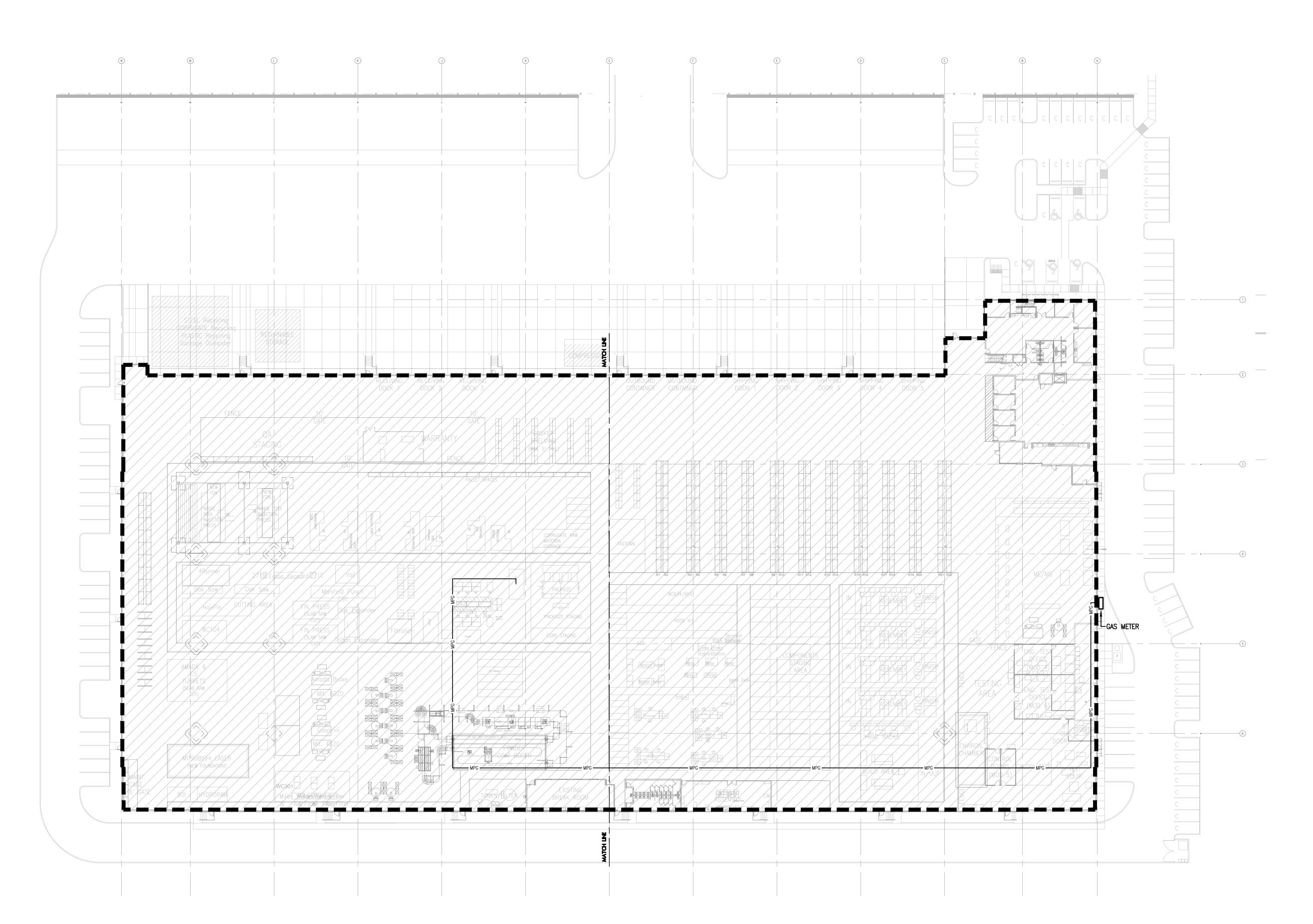
ISSUANCE

No.	Description	Date
1	PERMIT SET	02/17/202
2		
3		

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

SHEET NO

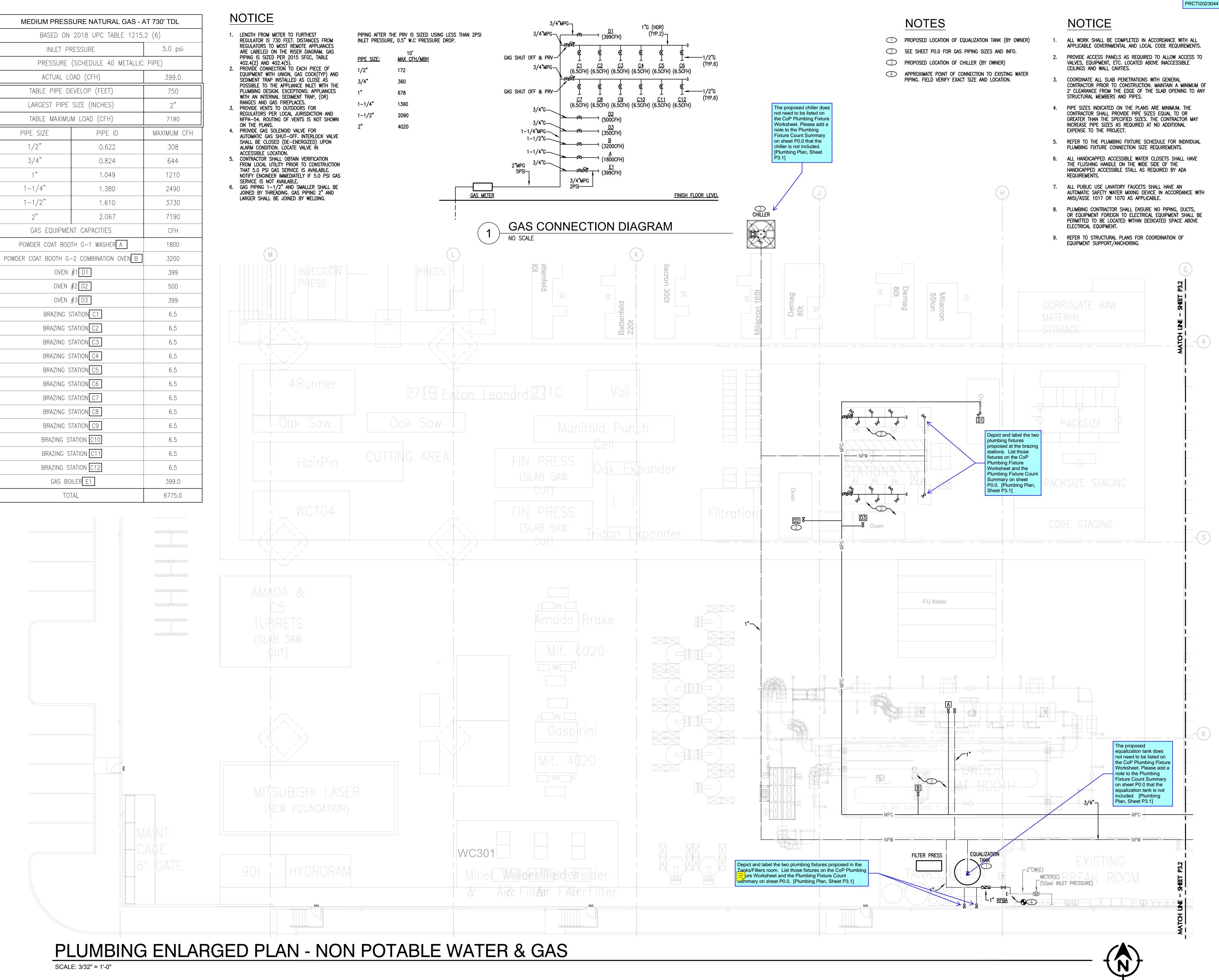
P3.0



PLUMBING SITE PLAN - NON POTABLE WATER & GAS

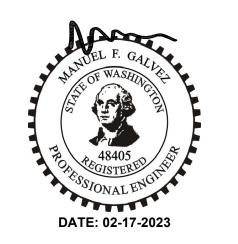
SCALE: 1/32" = 1'-0"







MECHANICAI 24230 ROBERTS DR. BLACK DIAMOND, WA 98010 360.886.5072



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 OF W	Traffic	

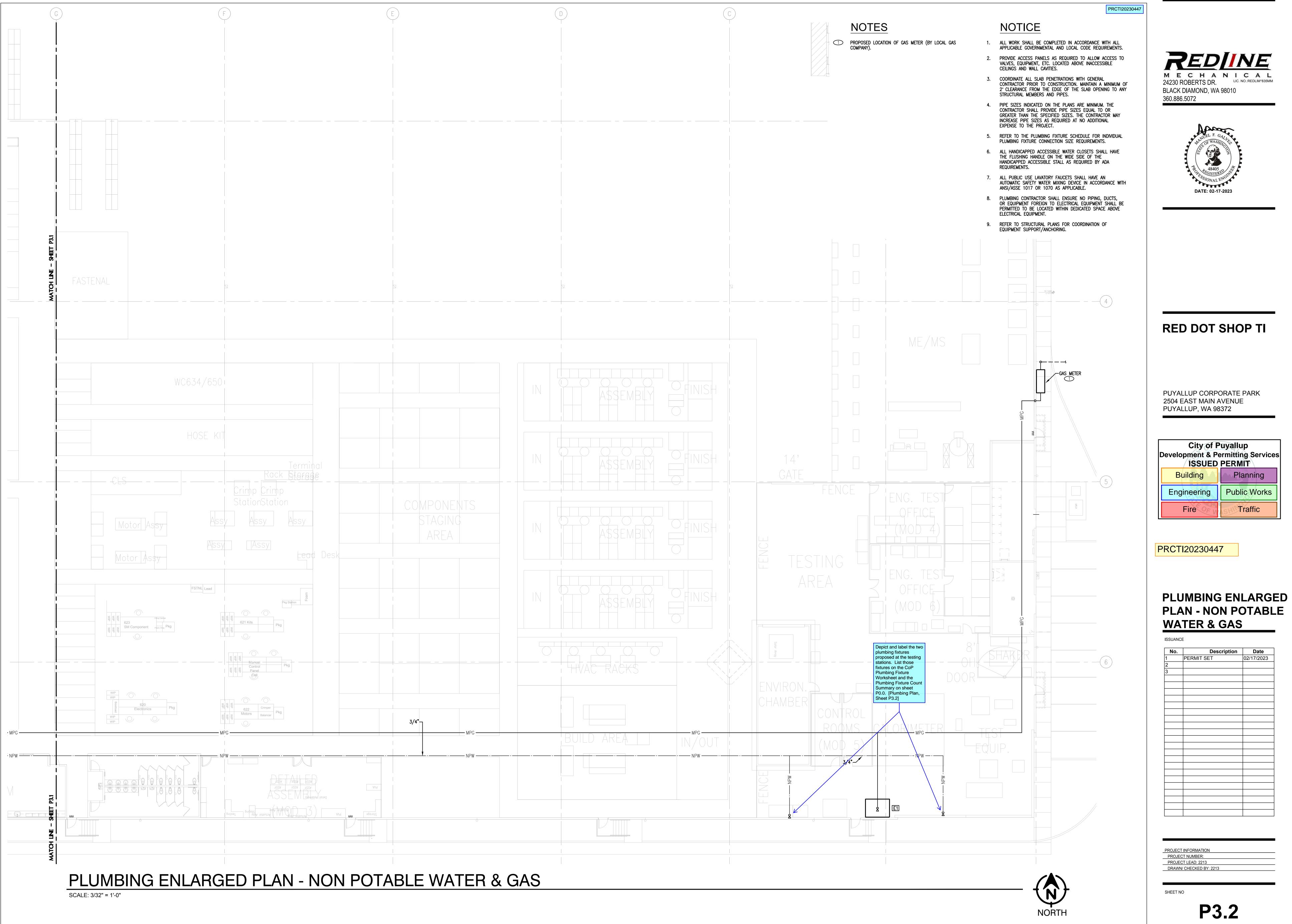
PRCTI20230447

PLUMBING ENLARGED **PLAN - NON POTABLE WATER & GAS**

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

PROJECT LEAD: 2213 DRAWN/ CHECKED BY: 2213

P3.1



City of Puyallup Development & Permitting Services ISSUED PERMIT			
Building	Planning		
Engineering	Public Works		
Fire OF W	Traffic		

PLAN - NON POTABLE

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