### REVISION TO ADD 2 SINKS AND FLOOR SINK ONLY

#### City of Puyallup Building **ACCEPTED**

**J**Montgomery 10/19/2023 9:01:52 AM



FULL SIZED LEDGIBLE **COLOR** PLANS ARE REQUIRED TO PROVIDED BY THE PERMITTEE ON

SITE FOR ALL INSPECTIONS

(MIN. PLAN SIZE 24" X 36")

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.

#### 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

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. 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 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

12. REFER TO APPROVED FOOD SERVICE DRAWINGS FOR HOT AND COLD WATER HOSE BIBB LOCATIONS UNDER HAND SINKS IN KITCHEN AREAS.

PAN TO OVER NEAREST FLOOR SINK.

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.

#### PLUMBING GENERAL NOTES

- 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.
- 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 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.)
- 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
- 24. WHERE REMOTE CHILLER IS TO BE PROVIDED WITH AN ELECTRIC WATER COOLER, PIPE 1/2"

ALLOW FOR SHELVING AND RACKING SYSTEMS OR OTHER SPECIAL CONDITIONS THAT MAY

- 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

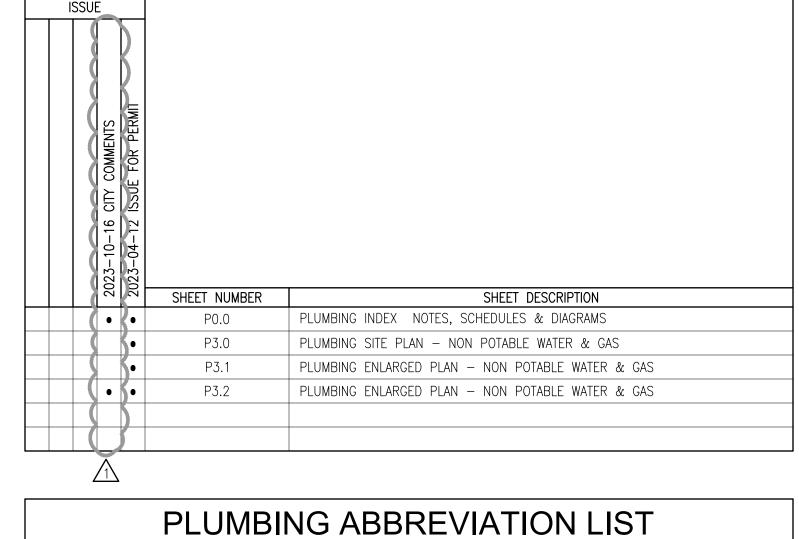
ARCHITECT AND WITH OTHER DIVISIONS OF WORK.)

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

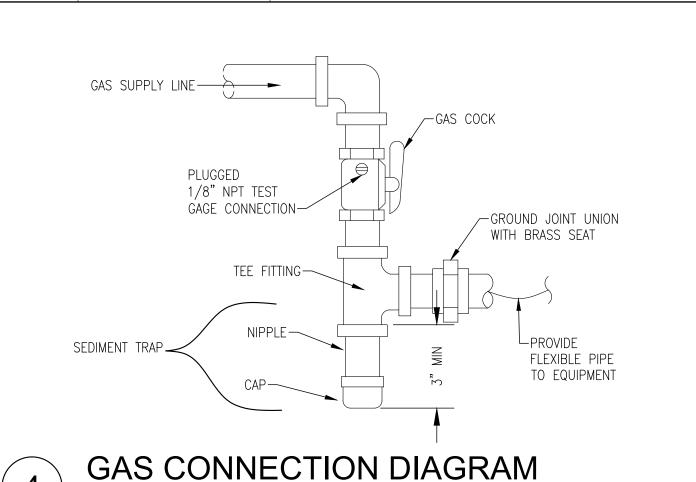
- THICKNESS SHALL BE 2". INSULATION SHALL BE WRAPPED WITH A 50 mm POLYETHYLENE BLACK TAPE. INSTALLATION SHALL BE PER MANUFACTURER'S GUIDE LINES. URECON SHALL PROVIDE INSULATION KIT FOR ALL FITTINGS. (URECON PRE-INSULATED PIPE 780-985-3636). CONTRACTOR SHALL VERIFY THE NUMBER OF CONTROL BOXES AND COMPONENTS 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
- 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 SHALL BE REPAIRED OR REPLACED EQUAL TO NEW CONDITION.
- 39. PIPING CONNECTING TO REMOVED EQUIPMENT SHALL BE REMOVED TO A POINT SO AS NOT TO INTERFERE WITH NEW CONSTRUCTION.
- 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.



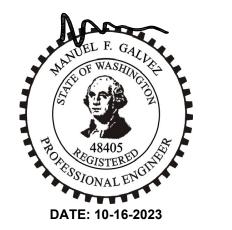
SHEET INDEX

	PLUMBING ABB	REVIATI	ON 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	BELOW FINISHED FLOOR BUILDING MANAGEMENT SYSTEM BACK OF HOUSE BOTTOM OF STEEL	MOCP NA	MAXIMUM OVER CURRENT PROTECTION  NOT APPLICABLE
BTU  °C  CFH	BRITISH THERMAL UNIT  DEGREES CELSIUS CUBIC FEET PER HOUR	NEC NFPA NIC	NATIONAL ELECTRICAL CODE NATIONAL FIRE PROTECTION ASSOCIATION NOT IN CONTRACT
CFM CP	CUBIC FEET PER MINUTE CHROME PLATED	NPSHA NPSHR	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 °F	EXPANSION TANK ELECTRIC WATER COOLER  DEGREES FAHRENHEIT	POC POD POS PRV	POINT OF CONNECTION POINT OF DISCONNECT PROVIDE BY OTHER SECTION PRESSURE REDUCING VALVE
FCO FH FLA FPM	FLOOR CLEAN OUT FIRE HYDRANT FULL LOAD AMPS FEET PER MINUTE	PSI PSIA PSIG	POUND PER SQUARE INCH POUND PER SQUARE INCH ABSOLUTE POUND PER SQUARE INCH GAUGE
FPS FT FU	FEET PER SECOND FEET / FLUSH TANK FIXTURE UNITS	RPM S	REVOLUTIONS PER MINUTE  SINK, SOIL
FV GAL GPH GPM	FLUSH VALVE  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 HZ	HEIGHT HEAD HAND OFF AUTO HORSEPOWER HOUR HAND SINK HERTZ	T TAB TDH TEL TOS TP TS	TEMPERATURE TESTING AND BALANCING TOTAL DEVELOPED HEAD TOTAL EQUIVALENT LENGTH TOP OF STEEL TRAP PRIMER TEMPERING STATION
IBC IE IFC	INTERNATIONAL BUILDING CODE ICERT ELEVATION INTERNATIONAL FIRE CODE	TW TYP	TEMPERED WATER TYPICAL
IFGC IMC IN IPC	INTERNATIONAL FUEL GAS CODE INTERNATIONAL MECHANICAL CODE INCH INTERNATIONAL PLUMBING CODE	U CMC UNO CMC	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
IVII U	MICDIOM LIVESSOIVE PAS		

HOUR	WH ER WP WPD	WATER HEATER WATER PRESSURE WATER PRESSURE DROP		
MEDIUM PRESSURE GAS				
PLUMBIN	NG SYMBOL	LIST		
SYMBOL		DESCRIPTION		
_	SHEET NOTE			
$\triangle$	REVISION NUMBER			
	NON POTABLE WATER			
	SHUT-OFF VALVE			
<del></del>	PRESSURE REDUCING VALVE			
——————————————————————————————————————	GAS COCK			
	PIPE DOWN			
	PIPE UP			
<del></del>	PIPE TEE UP			
C	PIPE TEE DOWN			
	PIPE CAP			
	PLUMBIN  SYMBOL  A  A  A  A  A  A  A  A  A  A  A  A  A	PLUMBING SYMBOL  SYMBOL  SYMBOL  SHEET NOTE  REVISION NUMBER  NON POTABLE WATER  SHUT-OFF VALVE  PRESSURE REDUCING VALVE  PRESSURE REDUCING VALVE  GAS COCK  PIPE DOWN  PIPE UP  PIPE TEE UP  PIPE TEE DOWN		



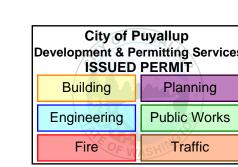
24230 ROBERTS DR. BLACK DIAMOND, WA 98010 360.886.5072



#### **RED DOT SHOP TI**

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

PRCTI20230447



#### **PLUMBING INDEX** NOTES, SCHEDULES & **DIAGRAMS**

**ISSUANCE** 

No.	Description	Date
	PERMIT SET	04/12/202
1	CITY COMMENTS	10/16/202

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

P0.0

#### PLUMBING FIXTURE SCHEDULE ITEM FIXTURE MFR 3 STAGE PARTS WASHER

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

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		S	SUMP PUMP	SC	HE	DUL	Ε			3		PLU
	<b>&gt;</b>			FLOW	LIEAD		M	OTOR		] {		
	TAG	SYSTEM SERVED	MANUFACTURER MODEL NUMBER	FLOW (GPM)	HEAD (FT)	HP (HP)	RPM (RPM)	FLA (AMPS)	V PH		FIXTURE	EXISTING
	<u>SP-1</u>	FLOORSINK	ZOELLER MODEL 152	53	15	4/10	1750	8.0	120/1	3	3 STAGE PARTS WASHER	0
	<u>SP-2</u>	BATHROOM	ZOELLER 900SERIES M53	43	19	3/10	1550	9.6	115/1	}	NOTE: FIXTURE VALUE NOTED IS	ESTIMATE

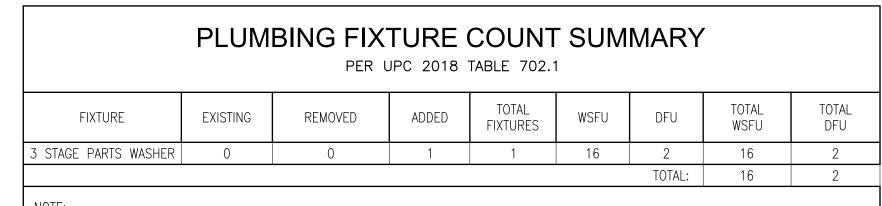
-NON-PUNCTURING

FLASHING CLAMP

-SEEPAGE HOLES

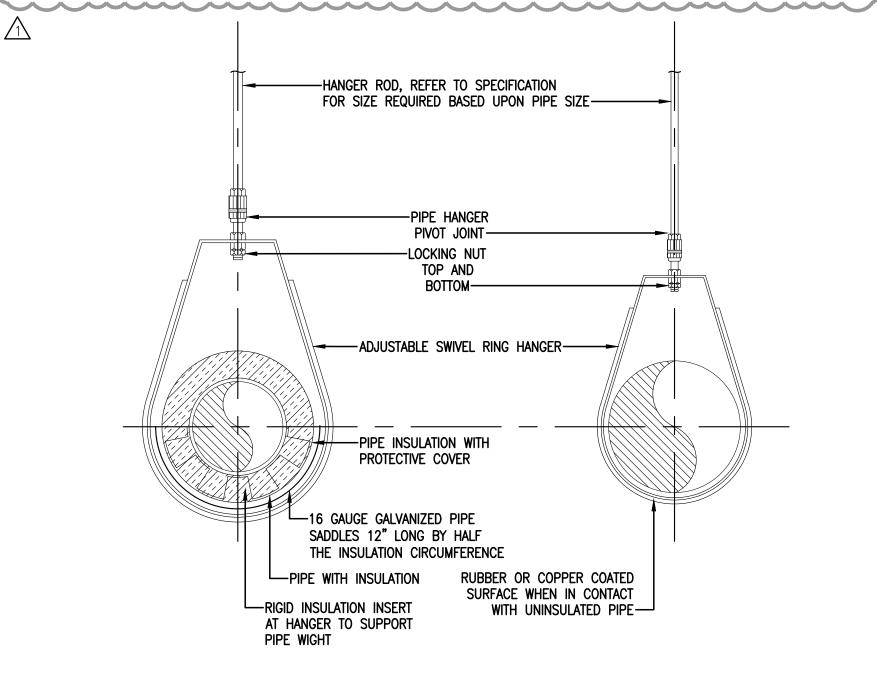
CONNECTION

-> TRAP PRIMER



BASED ON FLOW RATE BEING ESTIMATED. IT IS NOT A STANDARD FIXTURE AS LISTED BY PLUMBING CODE.

	PU	MP SC	HEDUI	LE		
			EL OW	MAXIMUM	М	OTOR
TAG	MANUFACTURER MODEL NUMBER	CAPACITY (GALLONS)	FLOW (GPM)	PRESSURE (PSI)	HP (HP)	V PH
<u>BP-1</u>	QUARK ELECTRONIC WATER BOOSTER	6	200	90	1 THRU 15	208/1



PIPE (4" AND LOWER) HANGER DIAGRAM

## 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.

FIRE PROTECTION NOTICE

CALCULATIONS, PREPARATION OF SHOP DRAWINGS, FIELD INSTALLATION, COORDINATION AND COMPLETION IN

ACCORDANCE WITH PROJECT REQUIREMENT AND APPLICABLE CODES AND STANDARDS.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE FIRE SPRINKLER SYSTEM DESIGN. LAYOUT, HYDRAULIC

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

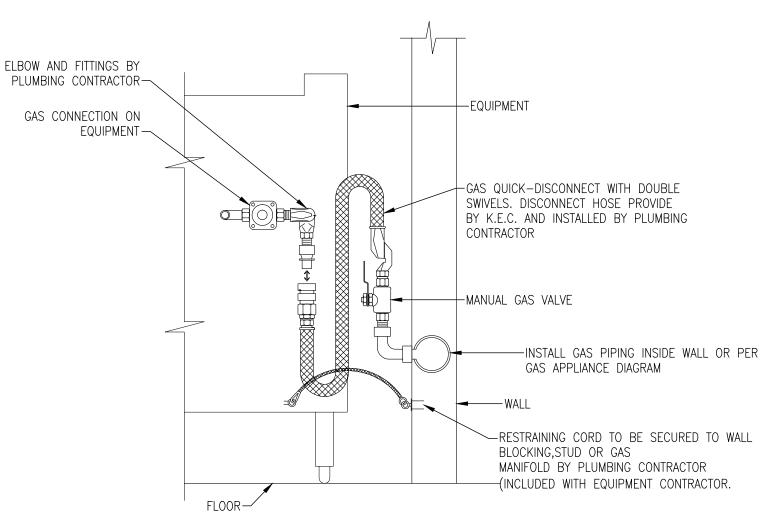
PIPING MATERIAL SCHEDULE

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

#### SYSTEM DISINFECTION NOTICE

GRADE)

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

FLOOR SINK DIAGRAM

FLOOR SINK W/ DOME BOTTOM STRAINER———

FINISHED FLOOR-

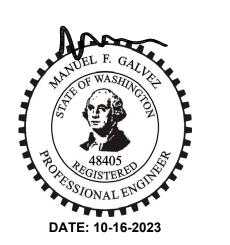
CONCRETE

FLOOR SLAB-

#### 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.

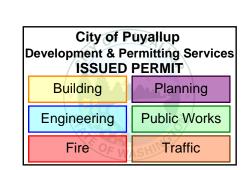




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PRCTI20230447



# PLUMBING SITE PLAN - NON POTABLE WATER & GAS

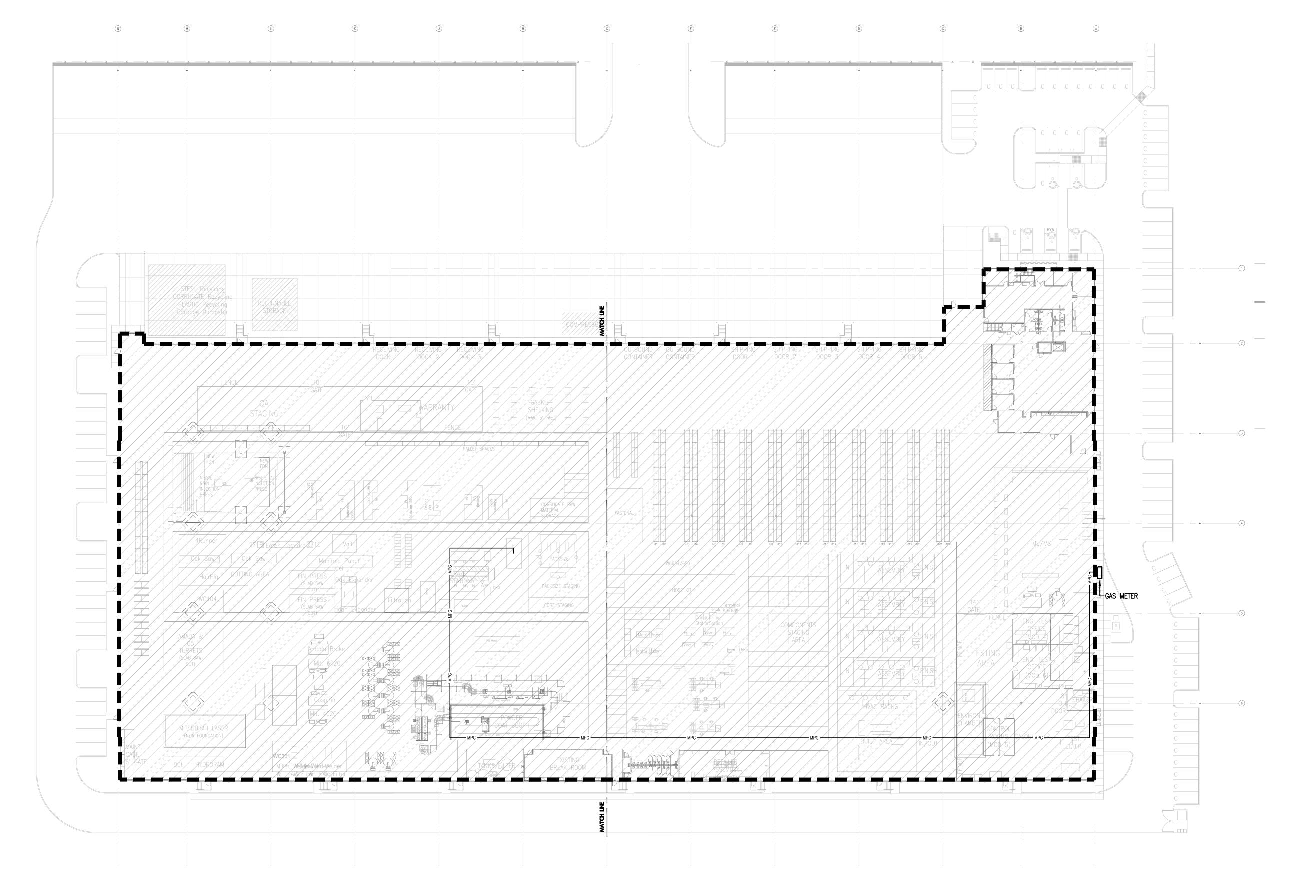
ISSUANCE

No.	Description	Date
	PERMIT SET	04/12/20
	+	
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PROJECT INFORMATION
PROJECT NUMBER:
PROJECT LEAD: 2213
DRAWN/ CHECKED BY: 2213

SHEET NO

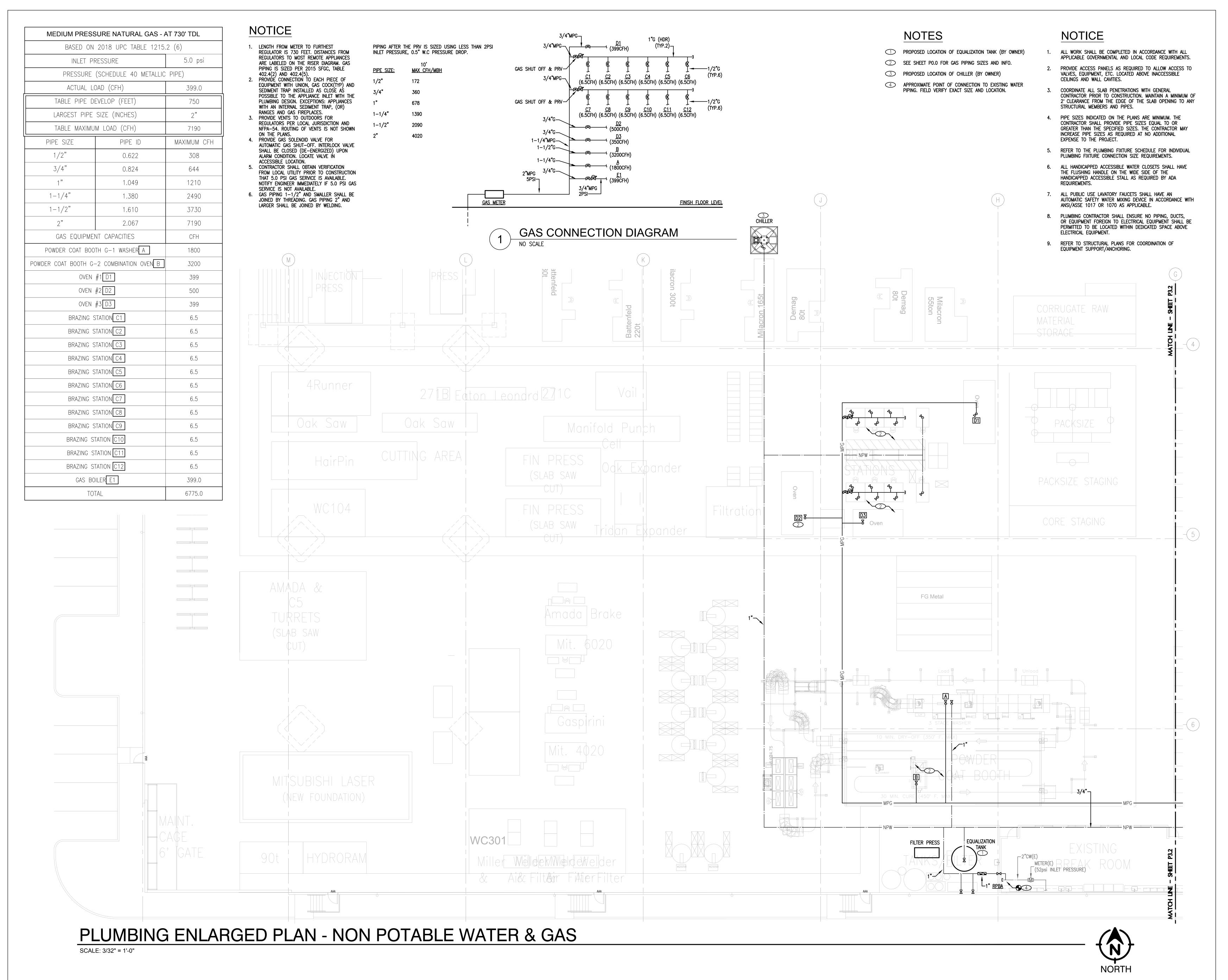
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PLUMBING SITE PLAN - NON POTABLE WATER & GAS

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







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24230 ROBERTS DR.

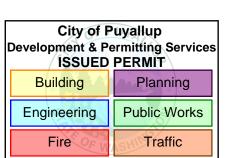
360.886.5072

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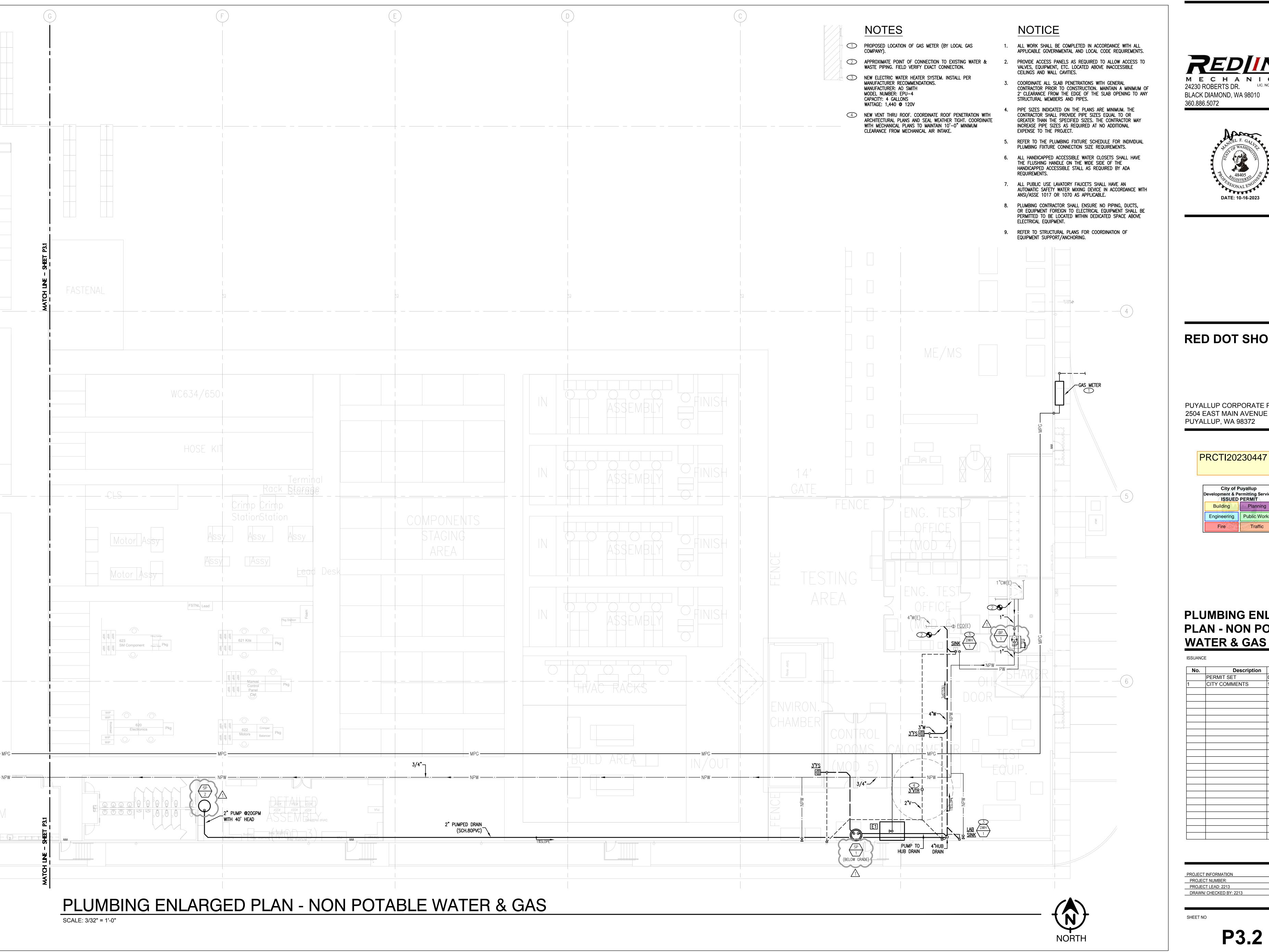
#### PLUMBING ENLARGED **PLAN - NON POTABLE WATER & GAS**

No.	Description	Date
	PERMIT SET	04/12/2023

PROJECT LEAD: 2213

DRAWN/ CHECKED BY: 2213

P3.1

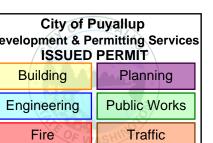






#### **RED DOT SHOP TI**

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372



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

No.	Description	Date
	PERMIT SET	04/12/2023
	CITY COMMENTS	10/16/2023
	1	