#### 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.
- 6. 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.
- 7. 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.
- 8. 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 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.
- 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.
- 13. 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.

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

28. GREASE WASTE PIPING BELOW GRADE SHALL BE URECON PRE-INSULATED SCHEDULE 40 PVC

PIPE = 1 RUN OF C13-240 CABLE, 6" PIPE = 2 RUNS OF C10-240 CABLE) INSULATION

- 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
- 27. GREASE WASTE PIPING SHALL PITCH AT 2% PER FOOT WHERE INVERT ALLOWS.

ARCHITECT AND WITH OTHER DIVISIONS OF WORK.)

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"

- 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.

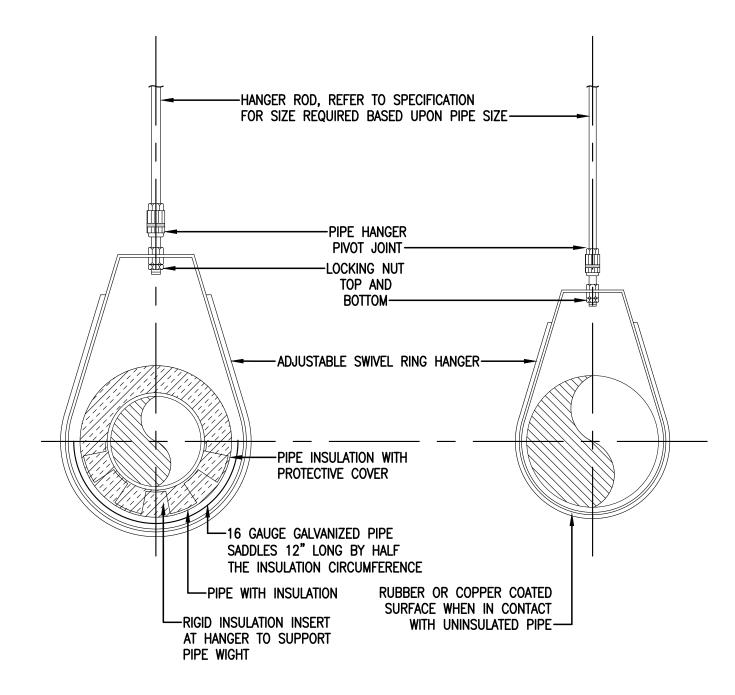
SHALL BE REPAIRED OR REPLACED EQUAL TO NEW CONDITION.

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.

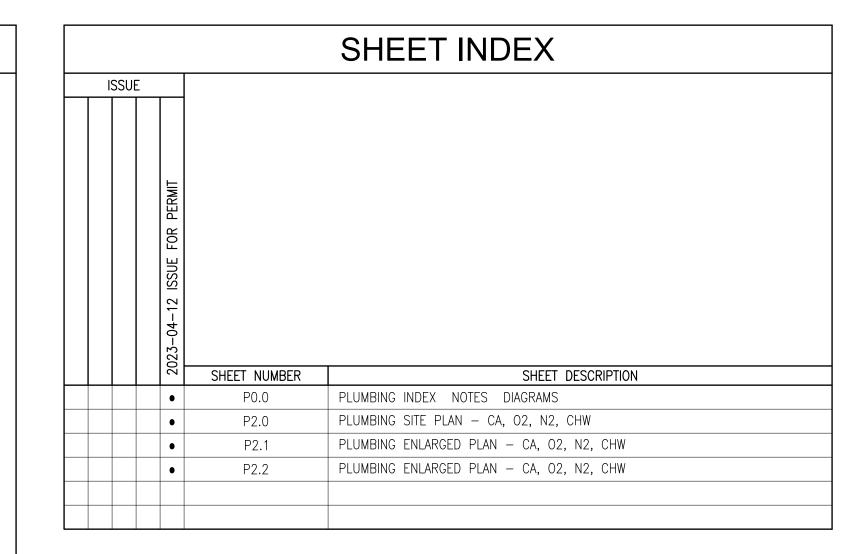
# ABBREVIATION SYMBOL DESCRIPTION SHEET NOTE ABBREVIATION NUMBER NPW NON POTABLE WATER SOV SHUT-OFF VALVE PIPE DOWN PIPE UP PIPE TEE UP PIPE TEE DOWN PIPE TEE DOWN

#### 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.







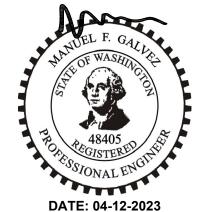
	PLUMBING ABB	REVIATI	ON LIST
AD AFF	ACCESS DOOR / AREA DRAIN ABOVE FINISH FLOOR	MCA	MINIMUM CIRCUIT AMPS
AP AUTO	ACCESS PANEL AUTOMATIC	MCC MH	MOTOR CONTROL CENTER MANHOLE
BFF	BELOW FINISHED FLOOR	MIN MOCP	MINIMUM MAXIMUM OVER CURRENT
BMS BOH	BUILDING MANAGEMENT SYSTEM BACK OF HOUSE	IVIOCI	PROTECTION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

#### FIRE PROTECTION NOTICE

MEDIUM PRESSURE GAS

- 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.
- 2. PENETRATION OF RATED ASSEMBLIES SHALL BE FIRE-STOPPED, FIRE STOPPING SHALL BE U.L. APPROVED MATERIAL.
- 3. 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.
- 4. THE WORK OF THE SECTION SHALL BE INSTALLED UNDER SUPERVSION AND CONTROL OF A LICENSED FIRE SPRINKLER ENGINEER/CONTACTOR.
- 5. 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





#### RED DOT SHOP TI

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

Development	of Puyallup & Permitting Service JED PERMIT
Building	Planning
Engineerin	Public Works
Fire	Traffic

PRCTI20230447

# PLUMBING INDEX NOTES DIAGRAMS

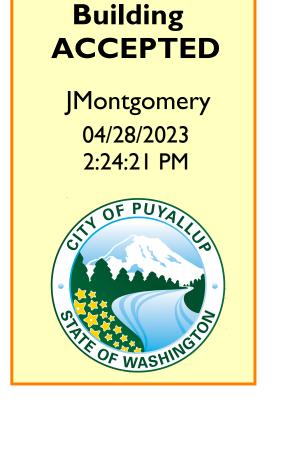
ISSUANCE

No.	Description	Date
1	PERMIT SET	04/12/2023
2		
2 3		

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

SHEET NO

P0.0



City of Puyallup

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

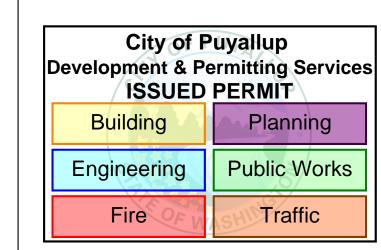
FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION





### **RED DOT SHOP TI**

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

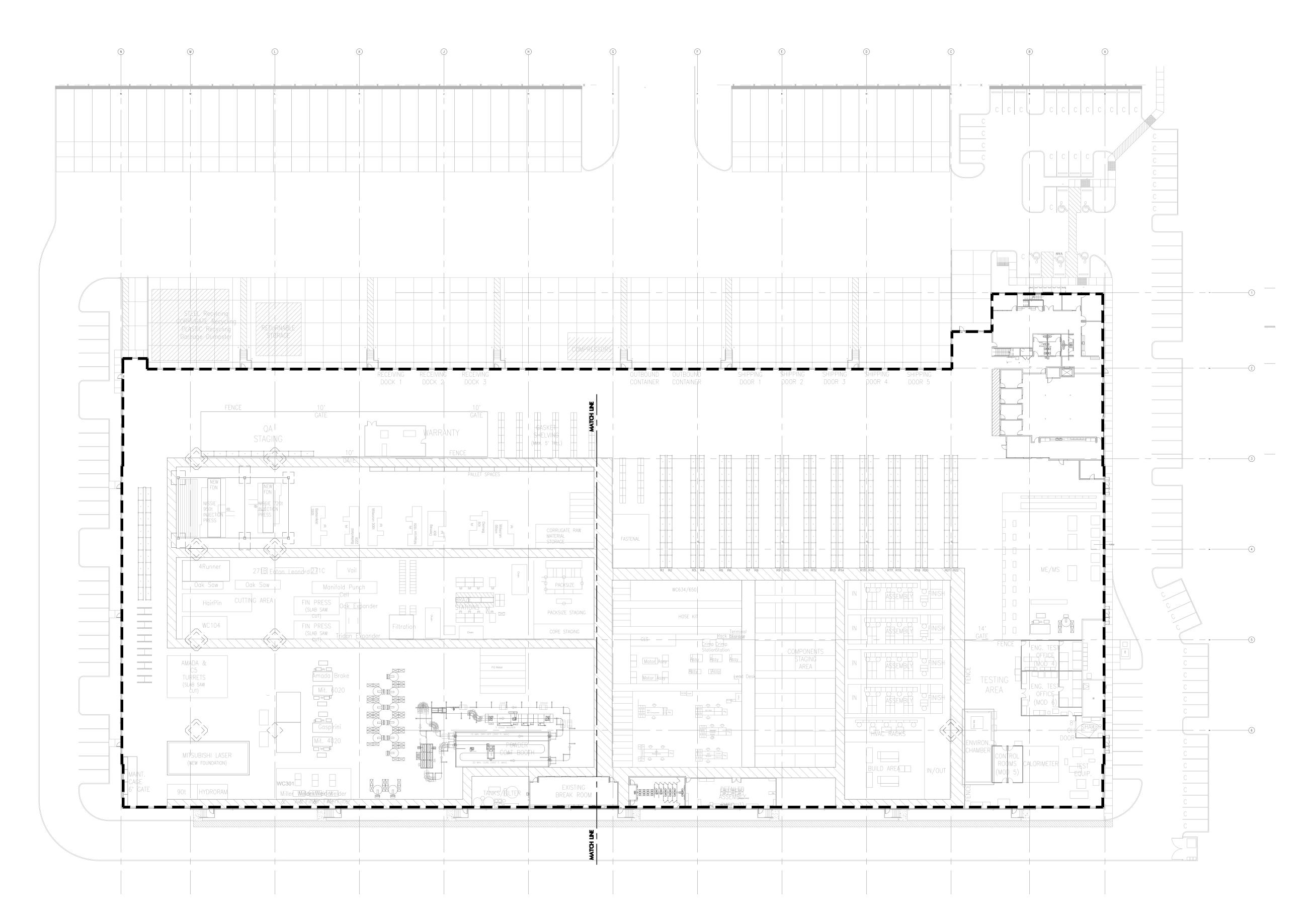


PRCTI20230447

## PLUMBING SITE PLAN -CA, O2, N2, CHW

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

P2.0



PLUMBING SITE PLAN - CA, O2, N2, CHW

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



THIS AREA SCOPE OF WORK

# COMPRESSED AIR PIPING NOTES 1. REFER TO ARCHITECTURAL DRAWINGS FOR WALL DIMENSIONS. 2. ARRANGE AIR PIPING TO AVOID THE FOLLOWING TYPES OF STRAINS: A. STRAINS DUE TO DEAD WEIGHT OF THE PIPIN2. B. STRAINS DUE TO EXPANSION OR CONTRACTION OF THE PIPING WITH TEMPERATURE CHANGES. C. STRAINS DUE TO INTERNAL PRESSURE WITHIN PIPE. 3. INSTALL SAFETY VALVE BETWEEN COMPRESSOR AND STOP VALVE (5 TO 10 PSI ABOVE COMPRESSOR OPERATING PRESSURE). LOCATE AIR OUTLETS FROM THE MAIN HEADER AS CLOSE AS 4. POSSIBLE TO POINT OF APPLICATION. AIR OUTLETS MUST ALWAYS BE TAKEN FROM THE TOP OF 5. PIPELINE. ALL AIR PIPING SHOULD BE SLOPED SO THAT IT DRAINS 6. TOWARD A DROP LEG MOISTURE TRAP OR RECEIVER, AWAY FROM THE COMPRESSOR. 8-----8 8 8 8 8----8 8 8 8 8----8 8 8 8 8-----8 8 8 8 6 6 6 1 \_\_\_\_2" HEADER AMADA FG Metal 1-1/2" HEADER— PLUMBING ENLARGED PLAN - CA, O2, N2, CHW SCALE: 3/32" = 1'-0"







## **RED DOT SHOP TI**

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372

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

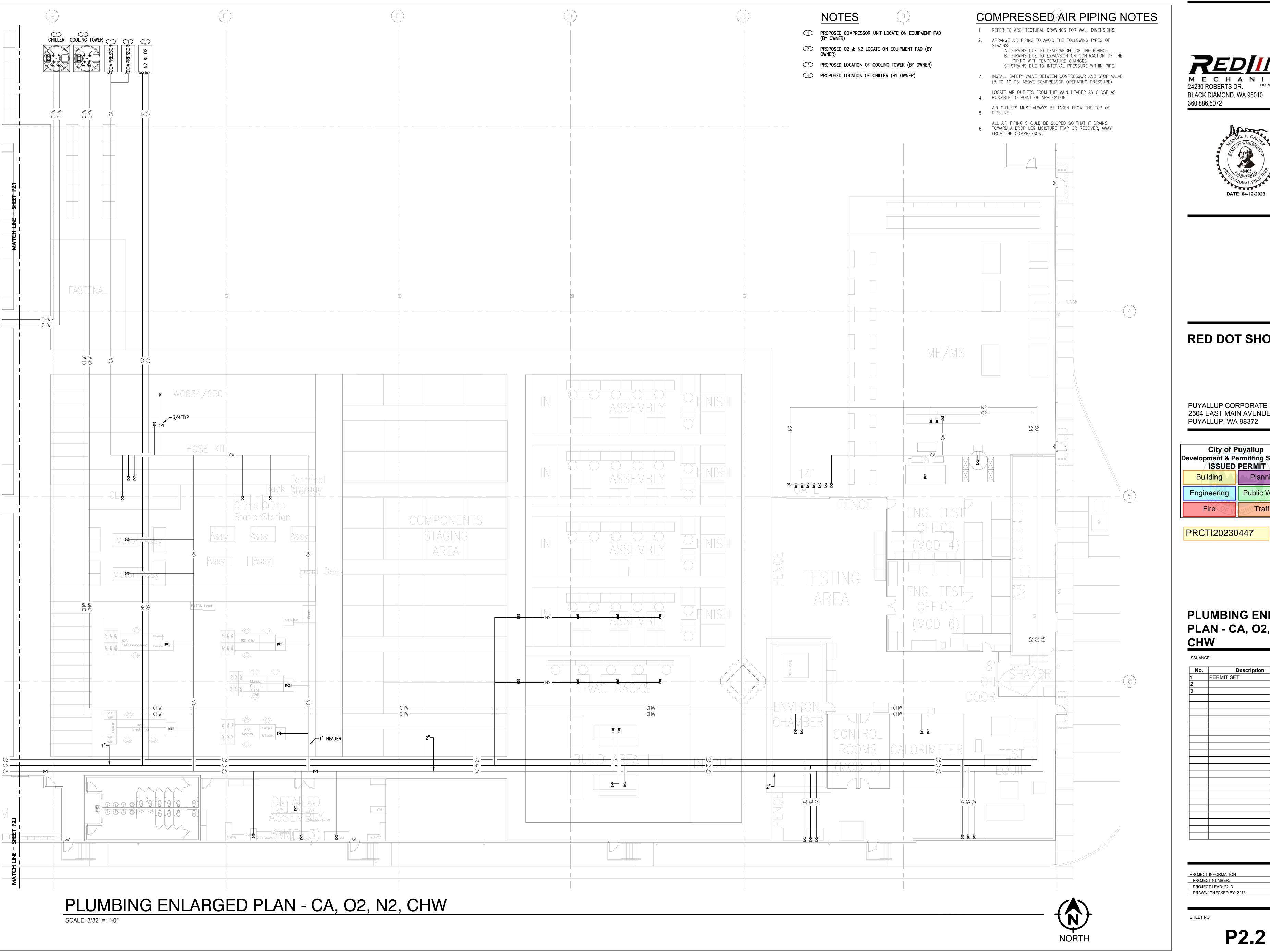
PRCTI20230447

## PLUMBING ENLARGED **PLAN - CA, O2, N2,** CHW

No.	Description	Date
1	PERMIT SET	04/12/2023
2		
3		

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

**P2.1** 

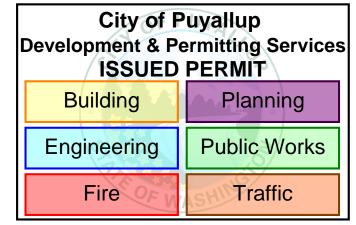


24230 ROBERTS DR. LIC. NO.:REDLIM\*835MM BLACK DIAMOND, WA 98010



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

PUYALLUP CORPORATE PARK 2504 EAST MAIN AVENUE PUYALLUP, WA 98372



# PLUMBING ENLARGED **PLAN - CA, O2, N2,**

No.	Description	Date
1	PERMIT SET	04/12/2023
<u>2</u>		
3		