

# CITY OF PERRIS OFFICE PLUMBING PLANS

## PROJECT INFORMATION

PROJECT NAME:

CITY OF PERRIS OFFICE AS-BUILT PLUMBING PLANS OWNER:
CITY OF PERRIS

227 N D STRETT,

PERRIS, CA 92570

PROJECT ADDRESS:

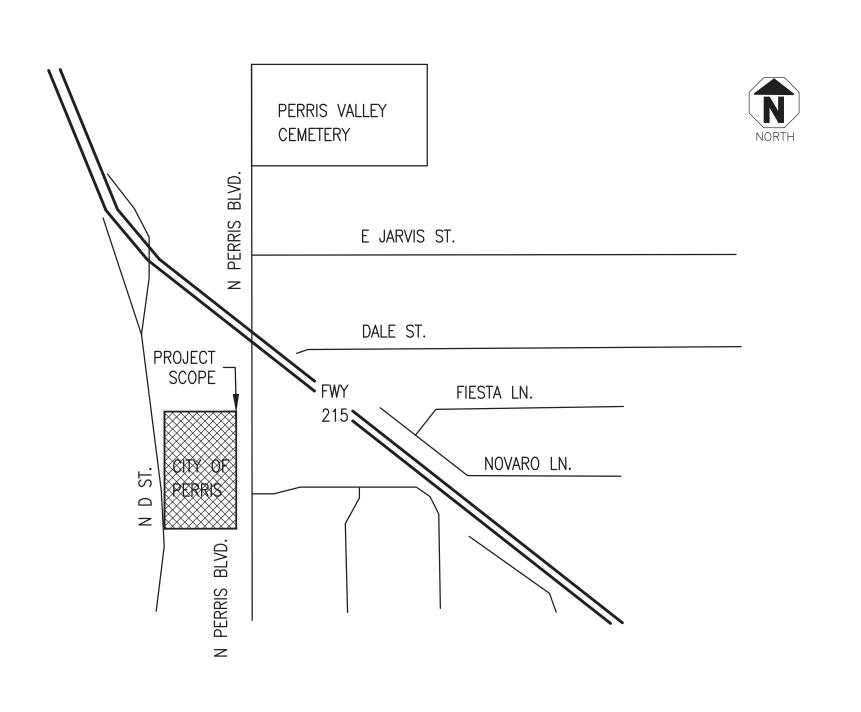
227 N. D. STREET, PERRIS, CA 92570 **ENGINEERING:** 

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# DRAWING INDEX

	DRAWING INDEX
DRAWING NO	DESCRIPTION
PP001	PROJECT INFORMATION & DRAWINGS INDEX
PP100	PLUMBING GENERAL NOTES & LEGEND
PP101	PLUMBING DETAILS
PP110	PLUMBING CALCULATIONS
PP200	WATER SYSTEM SITE PLAN
P.P.210	WATER SYSTEM PLAN
P.P.220	WATER SYSTEM ISO. PLAN
PP300	PLUMBING TITLE-24

# PROJECT VICINITY MAP



## CODE INFORMATION:

CALIFORNIA BUILDING CODE (CBC) 2022
CALIFORNIA BUILDING CODE (CMC) 2022
CALIFORNIA BUILDING CODE (CPC) 2022
CALIFORNIA PLUMBING CODE (CEC) 2022
CALIFORNIA ENERGY CODE (TITLE 24, PART 6) 2022

PROJECT CODE INFORMATIOPN

True North Compliance Services, Inc.

PLAN REVIEW APPROVAL

THESE PLANSIDOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND AMENDED BY THE JURISDICTION, PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, NOR LOCAL REGULATION.

BY. \*\*Actl \*\*Sanchag\*\* DATE: \*\*O1/22/2024\*\*

THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND IT IS JURLAWPLU TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY. OCCUPANCY OF STRUCTURE(S) IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL APPLICABLE DEPARTMENTS.

3 BLUEBERRY INC. ALL RIGHTS RESERVED.

NO. REVISION DA

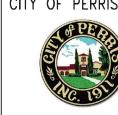
A ISSUED FOR REVIEW 08/11







OWNER/CLIENT:
CITY OF PERRIS



PROJECT ADDRESS
CITY OF PERRIS
227 N. D STREET,
PERRIS, CA 92570

PROJECT TITLE
PLUMBING SYSTEM

SHEET TITLE COVER SHHET

**PROJECT NO.:** 236412

DATE: 08/11/2023
SCALE: AS SHOWN

DRAWING NO.

PP001

Plotted: Wednesday, August 09, 2023 3:51 PM

THE CONTRACTOR SHALL CONFORM TO ALL CODES, ORDINANCES, ETC. WHICH HAVE JURISDICTION OVER THIS WORK. BELOW IS A LIST OF MAJOR STANDARDS LISTED FOR CONVENIENCE ONLY. REFERENCE TO A STANDARD MEANS, THE LATEST EDITION OF SUCH STANDARD AT DATE OF BUILDING PERMIT. THE CONTRACTOR SHALL RETAIN RESPONSIBILITY FOR COMPLIANCE WITH LATEST REVISIONS OF ALL OTHER APPLICABLE CODES AND ORDINANCES NOT LISTED HEREIN

CALIFORNIA BUILDING CODE (CBC) 2022 CALIFORNIA MECHANICAL CODE (CMC) 2022 CALIFORNIA PLUMBING CODE (CPC) 2022 CALIFORNIA ELECTRICAL CODE (CEC) 2022 CALIFORNIA ENERGY CODE (TITLE 24, PART 6) 2022

## CONSTRUCTION NOTES:

- HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED SO AS TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
- FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING,
- PINCHING, OR TWISTING OF WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LB. FT.
- NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE FLOW RATES SPECIFIED IN SECTION 5.303.2 4. HOT WATER PIPING SHALL BE INSULATED AS PER CPC 609.11 AND CAL ENERGY CODE TABLE 120.3-A.
- NO VENTING SYSTEM SHALL TERMINATE LESS THAN 3FEET ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FEET OR LESS THAN 4 FEET FROM ANY PROPERTY LINE EXCEPT A PUBLIC WAY.
- NO VENT FROM INDIRECT WASTE PIPING SHALL BE COMBINED WITH ANY SEWER CONNECTED VENT BUT SHALL EXTEND SEPARATELY TO THE OUTSIDE AIR.
- STEAM AND/OR HOT WATER DRAINAGE REQUIRES AN INDIRECT WASTE LINE.
- 8. EACH PLUMBING FIXTURE SHALL BE SEPARATELY TRAPPED BY AN APPROVED TYPE WATER SEAL TRAP.
- 9. BUILDING SEWER SHALL BE TESTED TO COMPLY WITH CPC 732.0

## PLUMBING SPECIFICATION:

CLEANOUTS

PROVIDE CLEANOUTS WITH BRASS SCREW PLUG AT ALL CHANGES OF DIRECTION TO PERMIT ROUTING OF ALL SEWERS. ALL CLEAN OUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEAN OUT LOCATIONS OF EQUIPMENT, CABINETS. ETC., WITH THE ARCHITECT PRIOR TO ANY INSTALLATION.

- VALVES EVERY PLUMBING FIXTURE SHALL BE INDEPENDENTLY VALVED.
- ALL SEWERS AND WATER PIPING SHALL BE PROPERLY TESTED TO THE SATISFACTION OF THE ARCHITECT AND THE LOCAL BUILDING INSPECTOR.
- EXCAVATION AND BACK FILLING
- TRENCHES SHALL BE BACK FILLED AND SETTLED BY PUDDLING. NO PIPE SHALLBE LESS THAN 12" BELOW FINISH GRADE. PIPING SUPPORTS
- ALL PIPING TO BE SUPPORTED WITH HANGERS AND BRACKETS WHICH PROVIDE ISOLATION FROM FRAMING. CONTACT BETWEEN PIPE AND SUPPORT TO BE LINED WITH PLASTIC OR FELT.
- WATER HEATER INSTALLATION A. APPLIANCES IN GARAGES AND IN ADJACENT SPACES THAT OPEN TO THE GARAGE AND ARE NOT PART OF THE LIVING SPACE OF A DWELLING UNIT SHALL BE INSTALLED SO THAT BURNERS AND BURNER-IGNITION DEVICES ARE LOCATED NOT LESS THAN 18 INCHES ABOVE THE FLOOR UNLESS LISTED AS FLAMMABLE VAPOR RESISTANT.
- B. APPLIANCES INSTALLED IN GARAGES, WAREHOUSES, OR OTHER AREAS SUBJECT TO MECHANICAL DAMAGE SHALL BE GUARDED AGAINST SUCH DAMAGE BY BEING INSTALLED BEHIND PROTECTIVE BARRIERS OR BY BEING ELEVATED OR LOCATED OUT OF THE NORMAL PATH OF VEHICLES.

## ENERGY CONSERVATION STANDARDS:

1. DOMESTIC HOT WATER SYSTEM.

FLUID TEMPERATURE RANGE 105-140 °F

CONDUCTIVITY RANGE 0.22 - 0.28 BTU-IN PER HOUR PER FT<sup>2</sup> PER °F

INSULATION MEAN RATING TEMP 100 °F

MINIMUM INSULATION VALUES ARE LISTED BELOW FOR EACH PIPE DIAMETER.

NOMINAL PIPE DIAMETER MINIMUM INSULATION REQUIRED

1.0 IN. OR R-7.7 l< 1 1.5 IN. OR R-12.5 1 TO < 1.5 1.5 TO < 4 1.5 IN. OR R-11 1.5 TO < 4 MULTIFAMILY & HOTEL/MOTEL 2 IN. OR R-16

- TIME CLOCKS TO BE INSTALLED TO CONTROL ANY HOT WATER CIRCULATING PUMPS.
- SINKS AND LAVATORY FAUCETS AND SHOWER HEADS TO BE CERTIFIED BY STATE FOR
- ENERGY APPLIANCE STANDARD COMPLIANCE.
- MAXIMUM FLUSH VOLUMES AND FLOW RATES:

1.28 GALLONS PER FLUSH(BLOWOUT TYPE EXEMPT)

LAVATORY: 1.2 GALLON PER MINUTE @ 60PSI SHOWER: 1.8 GALLON PER MINUTE @ 80PSI KITCHEN FAUCETS: 1.8 GALLON PER MINUTE @ 60 PSI

## CA GREEN BUILDING NOTES:

WATER CLOSETS:

5.303.2 PLUMBING FIXTURES SHALL MEET THE MAXIMUM FLOW RATE

VALUES SHOWN IN TABLE 5.303.2.3.

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.PLUMBING FIXTURES (WATER CLOSETS AND URINALS) AND FITTINGS (FAUCETS AND SHOWERHEADS) COMPLY WITH THE FOLLOWING:

5.303.3.1 WATER CLOSETS. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S.EPA WATER SENSE SPECIFICATION FOR TANK-TYPE TOILETS.

NOTE: THE EFFECTIVE FLUSH VOLUME OF DUAL FLUSH TOILETS IS DEFINED AS THE COMPOSITE, AVERAGE FLUSH VOLUME OF TWO REDUCED FLUSHES AND ONE FULL FLUSH.

5.303.6 PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1401.1 OF THE CALIFORNIA PLUMBING CODE AND IN CHAPTER 6 OF THIS CODE.

## PLUMBING LEGEND & ABBREVIATIONS

SYMBOL	ABBREVIATION	DESCRIPTION
OTIMBOL	ABC	ABOVE CEILING
	ABV	ABOVE
	AD AFF	ACCESS DOOR
	AFF AFG	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE
	BF	BELOW FLOOR
	BG BV	BELOW GRADE BALL VALVE
	UV	BRANCH — BOTTOM CONNECTION
		BRANCH — SIDE CONNECTION  BRANCH — TOP CONNECTION
	CBV	CALIBRATED BALANCE VALVE
<del></del> ∃		CAP ON END OF PIPE CONDENSATE DRAIN
ightharpoonup	CD, D CKV	CHECK VALVE
	CLG CLR	CEILING
	CLR	CLEAR CLEANOUT
	CONN	CONNECT OR CONNECTION
	CONT CONTR	CONTINUATION CONTRACTOR
	CP	CIRCULATING PUMP
°F	CW DEG	COLD WATER PIPING DEGREES (FAHRENHEIT)
'	DIA	DIAMETER
	DN (E), EXIST	DOWN EXISTING
_ <del>x</del> _ x _ x	(L), LXI31	EXISTING TO BE REMOVED
	EWH FA, FB	ELECTRIC WATER HEATER FROM ABOVE, FROM BELOW
	FC FC	FLEXIBLE CONNECTION
	FD FS	FLOOR DRAIN
	FS FU	FLOOR SINK FIXTURE UNIT
	FV, FT	FLUSH VALVE, FLUSH TANK
—— GAS ——	G GA	LOW PRESSURE (7" W.C.) GAS PIPING GAUGE
	GPM	GALLONS PER MINUTE
$\bowtie$	GD GV	GARBAGE DISPOSAL GATE VALVE
	GWH	GAS WATER HEATER
	HB HW	HOSE BIBB HOT WATER PIPING
	HW	HOT WATER PIPING WITH HEAT TRACE TAPE
	HWR IE	HOT WATER RETURN PIPING INVERT ELEVATION
	KW	KILOWATTS
	LBS LPC	POUNDS LUBRICATED PLUG COCK
	MAX	MAXIMUM
—— MPG ——	MPG MFR.	MEDIUM PRESSURE (5 PSI) GAS PIPING MANUFACTURER
	MIN	MINIMUM
——— OF ———	(N) OF	NEW OVERFLOW, OVERFLOW PIPING
Oi	ОН	OVERHEAD
O2 —	O2 POC	OXYGEN, OXYGEN PIPING POINT OF CONNECTION
	PRV	PRESSURE REDUCING VALVE
	PSI (G) (A) RE	POUNDS PER SQUARE INCH (GAUGE) (ABSOLUTE) RIM ELEVATION
	R, D	RISE OR DROP
_	RD	ROOF DRAIN RISER DOWN (ELBOW)
		RISER UP (ELBOW)
	RV OR P&TRV SD	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE STORM DRAIN, STORM DRAIN PIPING
JD	SQIN, FT	SQUARE FEET
	SQIN, IN	SQUARE INCHES TO AROVE TO RELOW
	TA, TB TP	TO ABOVE, TO BELOW TRAP PRIMER
	TYP UG	TYPICAL UNDERGROUND
	UON	UNLESS OTHERWISE NOTED
	VB V	VALVE BOX
	V V, VR, VTR	VENT PIPING VENT, VENT RISER, VENT THRU ROOF
	WCO	WALL CLEANOUT
	W (E) W	WASTE OR SANITARY SEWER EXISTING WASTE PIPING
	WC	WATER CLOSET
	W.C. W/ AD	WATER COLUMN WITH ACCESS DOOR
	WT	WEIGHT
NOTE: ALL SY	MBOLS MAY NOT BI	E USED

# rue North Compliance Services. Inc PLAN REVIEW APPROVAL ONSTRUCTION TO PROCEED IN VIOLATION OF Y FEDERAL, STATE, NOR LOCAL REGULATION. Arcli Sauchez DATE: 01/22/2024

## PLUMBING GENERAL NOTES

- SHOULD A CONFLICT OCCUR BETWEEN OR WITH THE SPECIFICATIONS AND/OR DRAWINGS, CODES, STANDARDS, REQUIREMENTS, MANUFACTURER'S INSTRUCTIONS, THE MORE COMPLETE AND/OR RESTRICTIVE CONDITION SHALL HAVE PRECEDENCE. AS DETERMINED BY THE CONTRACTING OFFICER.
- THE DRAWINGS PRESENTS THE FINISHED PROJECT UNLESS OTHERWISE NOTED. THEY DON'T INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS. METHODS, TECHNIQUES, AND SEQUENCES.
- ALL DIMENSIONS, EXISTING JOB SITE CONDITIONS, AND SERVICE REQUIREMENTS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE START OF CONSTRUCTION AND/OR FABRICATION OF MATERIALS. IF DISCREPANCIES ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED FOR CLARIFICATION.
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH CALIFORNIA LOCAL CODES APPLYING TO THE PROPOSED CONSTRUCTION.

- 1. ALL FIXTURES SHALL BE MADE IN ACCORDANCE WITH THE CPC 2022 CH.4 AND ALL APPLICABLE SECTIONS OF THE CPC 2022. 2. ALL FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CPC 2022, CH.4 WITH REGARD TO WORKMANSHIP, ALIGNMENT AND
- 3. FIXTURES SHALL BE CERTIFIED FOR THE FOLLOWING FLOW RATES:
- a. WATER CLOSET MAX = 1.28 GPF
- b. LAVATORY FAUCETS MAX = 1.0 GPM
- c. SHOWER HEADS MAX = 1.8 GPM
- 4. FIXTURE CONNECTIONS TO THE DRAINAGE SYSTEM SHALL BE THROUGH AN APPROVED WET SEAL TRAP AS PER CPC,CH7 & CH.10
- FAUCET AND VALVE OPENINGS SHALL HAVE A MINIMUM AIR GAP AS PER CPC . CH 6 & 2X THE DIAMETER MIN. 1" FROM THE L POTABLE WATER OUTLET TO THE FLOOD LEVEL RIM OF THE FIXTURE SERVED
- ALL STORAGE TANK WATER HEATERS SHALL INSTALLED AS PER CPC,CH.5
- ALL FIXTURES WILL BE PROVIDED WITH INDIVIDUAL SHUT-OFF VALVES

## MATERIALS:

- ALL MATERIALS SHALL BE APPROVED FOR THE USE AND SYSTEM INTENDED. AND SHALL BE NEW AND IN GOOD CONDITION. FREE
- ALL MATERIALS SHALL BE INSTALLED, PROTECTED, AND SUPPORTED AS PER CPC 2022
- COPPER TUBING MAY NOT BE INSTALLED ON A MANNER THAT ALLOWS IT TO BE IN CONTACT WITH OTHER METAL PIPING. CONDUIT OR I METAL FRAMING MEMBERS.
- ABS, COPPER TUBING AND STEEL PIPE MUST BE WRAPPED WHERE THEY PASS THROUGH CONCRETE AND/OR MASONRY BUILDING
- WATER PIPING MATERIAL WITHIN BUILDING SHALL BE IN ACCORDANCE WITH SEC. 604.1 OF THE CALIFORNIA PLUMBING CODE. PEX.CPVC AND OTHER PLASTIC WATER PIPING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF SEC.604 OF THE CPC, INSTALLATION STANDARDS OF APPENDIX I OF THE CPC AND MANUFACTURERS RECOMMENDED INSTALLATION STANDARDS. CPVC WATER PIPING REQUIRES A CERTIFICATION OF COMPLIANCE AS SPECIFIED IN SEC. 604.1.1 OF THE CPC PRIOR TO PERMIT ISSUANCE.

## DRAINAGE,WASTE AND VENT(DMV):

- ALL DRAINAGE LINES TO BE SLOPED MINIMUM OF 2%, 1/4" PER FOOT
- CLEANOUTS TO BE INSTALLED ACCORDING TO CPC, CH.7 CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EXISTING LINES BEFORE STARTING TRENCHING. SHOULD IT BE NECESSARY TO RE-ROUTE LINES DUE TO CONDITIONS FOUND ON SITE.
- CHANGES OF DIRECTION OF DRAINAGE PIPE WILL BE MADE USE OF APPROVED FITTINGS AS PER CPC, CH7 SECTION 706.0
- VENTS SHALL TERMINATE NOT LESS THAN 10'-0" FROM OR 3'-0" ABOVE ANY OPENING WINDOW, DOOR, AIR INTAKE OR VENTILATION SHAFT AS PER CPC. CH.9
- ACROSS-SECTIONAL AREA OF THE VENT(S) MUST EQUAL THE CROSS-SECTIONAL AREA OF THE BUILDING DRAIN AS PER CPC, CH.9 SECTION 904.0
- METER PROTECTION SHALL BE INSTALLED PER CITY STANDARD. (THIS DEVICE IS A LEAD-FREE REDUCE PRESSURE PRINCIPLE DEVICE-RPPD)
- LANDSCAPE IRRIGATION DEVICE SHALL BE INSTALLED PER CITY STANDARD (THIS DEVICE IS A REDUCE PRESSURE PRINCIPLE) DEVIDCE-RPPD)
- A REDUCE PRESSURE PRINCIPLE DEVICE SHALL BE INSTALLED PER CITY STANDARD(THIS DEVICE SHALL BE LOCATED ON THE INLET) SIDE OF THE CARBONATOR MACHINE)
- |10. AN ABOVE GROUND DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) PER CITY STANDARD SHALL BE INSTALLED( THIS DEVICE IS A FIRE| PROTECTION).
- 11. 12-ALL DEVICES SHALL BE TESTED BY A CERTIFIED BACK-FLOW TESTER.

- 1. ALL GAS APPLIANCES SHALL BE PROVIDED WITH AN APPROVED SHUT OF VALVE
- 2. APPLIANCE CONNECTORS SHALL BE OF AN APPROVED SIZE AND LENGTH ACCORDING CPC 2022, CH.12 3. ALL GAS PIPING SHALL BE SUPPORTED AS PER CPC 2022, CH. 3

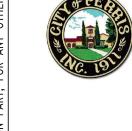
## ADDITIONAL NOTES:

- 1. ALL WORK TO COMPLY WITH 2022 CALIFORNIA PLUMBING CODE, 2022 CALIFORNIA BUILDING CODE, AND 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS.
- 2. LEAD FREE COMPLIANCE REQUIRED EFFECTIVE JANUARY 1,2010 PER CALIFORNIA HEALTH & SAFETY CODE SEC. 116875 ALL FIXTURES IN HANDICAP RESTROOMS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF
- CALIFORNIA HANDICAP CODE AND LOCAL HANDICAP CODES HAVING JURISDICTION. ALL SERVICE WATER HEATING EQUIPMENT TO BE IN COMPLIANCE WITH THE MODEL ENERGY CODE REQUIREMENTS AND LABELED.
- WATER CLOSETS REQUIRED TO HAVE ELONGATED BOWLS WITH OPEN FRONT SEATS.
- ALL HOSE BIBS ARE TO BE PROVIDED WITH A BACK-FLOW/ ANTI-SIPHON VALVE.
- WATER HEATER CLEARANCES SHALL BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTION.
- 8. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SEC. 609.9 OF CALIFORNIA PLUMBING CODE. 9. HOT WATER PIPING SHALL BE INSULATED AS PER CPC 609.11 AND CAL ENERGY CODE TABLE 120.3-A.
- 10. SANITARY WASTE VENTS SHALL RISE VERTICALLY TO A POINT NOT LESS THEN SIX(6) INCHES IN HEIGHT ABOVE THE FLOOR LEVEL RIM OF THE FIXTURE BEFORE BEING CONNECTED TO ANY OTHER VENT. 11. DRAINAGE PIPING SERVING FIXTURE WHICH HAVE FLOODWATER RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE SEWER SERVING SUCH DRAINAGE PIPING SHALL BE PROTECTED FROM BACK-FLOW OF SEWAGE BY
- INSTALLING AN APPROVED TYPE BACKWATER VALVE. 12. TRAP SEAL PROTECTION REQUIRED FOR ALL FLOOR SINKS AND FLOOR DRAINS.
- 13. INDIRECT WASTES LONGER THAN FIVE (5) FEET MUST BE TRAPPED, AND IT LONGER THAN FIFTEEN (15) FEET MUST BE TRAPPED AND VENTED INDIRECT WASTES FROM FOOD SERVICE EQUIPMENT MUST DISCHARGE TO RECEPTOR WITH A MINIMUM AIR-GAP OF ONE (1)
- 4. PRIMARY CONDENSATE PIPING TO TERMINATE AT TAILPIECE OF LAVATORY/SINK IN THE UNIT IT SERVES, FLOOR SINK OR DEDICATED ROOF TOP RECEPTOR.
- 5. ROOF DRAINS, OVERFLOW DRAINS, AND RAINWATER PIPING WITHIN THE INTERIOR OF THE BUILDING SHALL BE TESTED IN ACCORDANCE WITH THE PROVISIONS OF THE 2022 CPC FOR TESTING DRAIN, WASTE AND VENT SYSTEMS.
- 16. ROOF DRAINS AND OVERFLOW PIPING WITHIN THE BUILDING SHALL UTILIZE APPROVED DRAINAGE FITTINGS. 17. TESTING PROCEDURE OF GAS SYSTEMS SHOULD BE PERFORMED AS PER SEC. 1214.0 OF THE CALIFORNIA PLUMBING CODE.
- 18. THE PREMISE OWNER OR RESPONSIBLE PERSON IS RESPONSIBLE TO COORDINATE WITH GAS COMPANY FOR NEW GAS DEMAND, METER LOCATION AND TYPE OR PRESSURE AVAILABLE. COORDINATE WITH TENANT FOR PRESSURE REQUIRED AT EACH APPLIANCE.
- 19. THE PREMISE OWNER OR RESPONSIBLE PERSON SHALL COORDINATE WITH CITY OF CORONA WATER DISTRICT FOR NEW WATER DEMAND, METER LOCATION AND TYPE OF PRESSURE AVAILABLE.

E A Dung NO. M35235 blueberry, inc

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OWNER/CLIENT: CITY OF PERRIS



 $\ge$  PROJECT ADDRESS CITY OF PERRIS 227 N. D STREET, | PERRIS, CA 92570

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TITE BN PROJECT 1

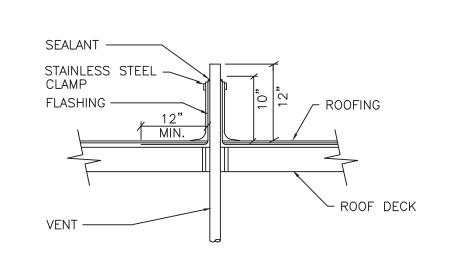
SHEET TITLE PLUMBING GENERAL NOTES LEGEND& ABBREVIATIONS

PROJECT NO.: 236412

DATE: 08/11/2023

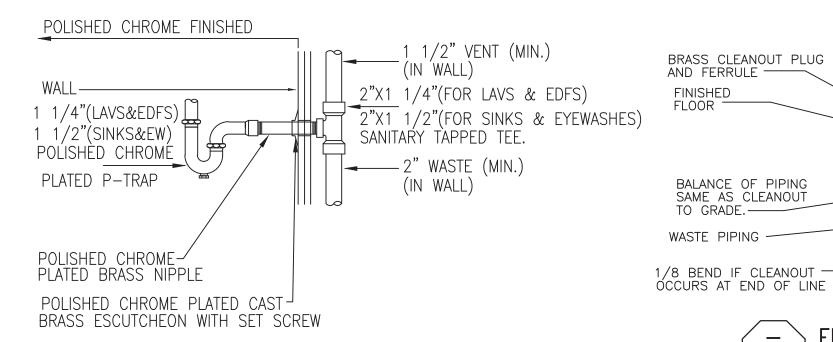
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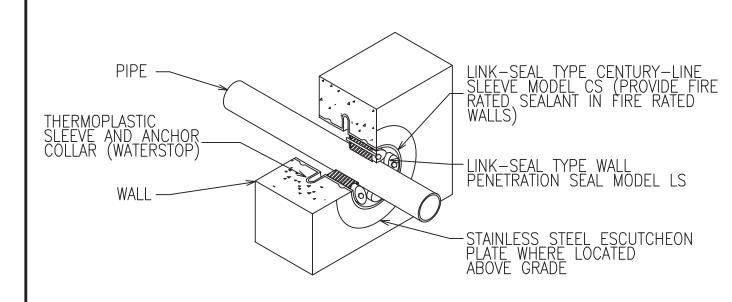


1. CONTRACTOR TO VERIFY AND KEEP 10' CLEARANCE BETWEEN THE VTR AND ANY AIR INTAKE TO THE BUILDING

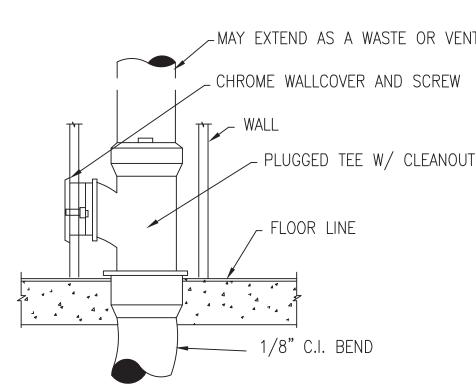


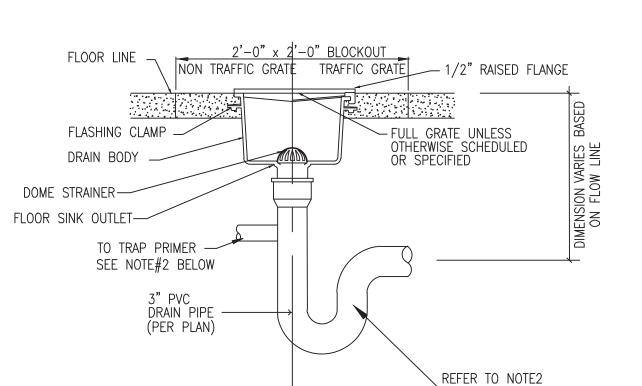


DRAIN PIPING DETAIL



PIPE SLEEVE AT EXTERIOR WALLS



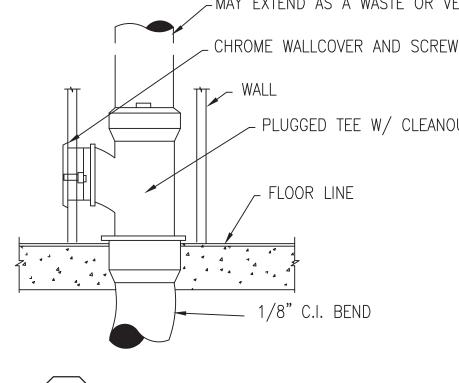


1. PROVIDE EXTENSIONS WHERE REQUIRED TO

ACCOMMODATE FLOOR THICKNESS. 2. ADD TRAP PRIMER AS INDICATED ON DRAWINGS

AND PER CODE. 3. NO CWV SYSTEMS PERMITTED.

> FLOOR DRAIN DETAIL N.T.S.

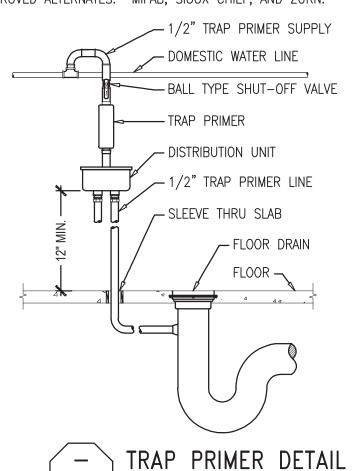


WALL CLEAN-OUT DETAIL

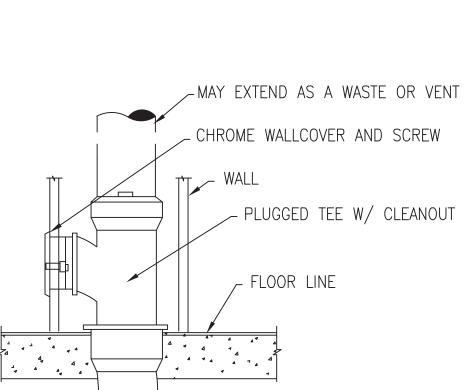
1. THE PRIMING VALVE MUST BE INSTALLED ON A FRESH COLD WATER LINE OF 1/2" TO 1-1/2" DIAMETER.

2. DISTRIBUTION UNIT MUST BE INSTALLED LEVEL WITH AN ACCESS DOOR FOR PERIODIC INSPECTION. 3. DO NOT SUBJECT TRAP PRIMER VALVE TO ROUGH-IN

4. DISTANCE FROM DISTRIBUTION UNIT TO FLOOR MUST BE 12" FOR EVERY 20' HORIZONTALLY.
5. TRAP PRIMER SHALL BE PRECISION PLUMBING PRODUCTS MODEL CPO-500 WITH DU DISTRIBUTION UNIT IF REQUIRED. APPROVED ALTERNATES: MIFAB, SIOUX CHIEF, AND ZURN.



− J N.T.S.



AND LARGER SHALL BE 10 FEET HORIZONTALLY AND VERTICALLY SHALL BE A MAXIMUM OF 10 FEET. PIPE SUPPORT DETAIL

N.T.S.

BRASS CLEANOUT PLUG AND FERRULE

BALANCE OF PIPING SAME AS CLEANOUT

**NOTES:** 

TO GRADE.—

— COUNTERSUNK SCREW

CAST IRON 1/8 BEND

FLOOR CLEAN-OUT DETAIL

- LOCK NUT AND WASHER

ALL 3/8" THREAD ROD

ADJUSTABLE STEEL RING

HAVE 2" WIDE STRIP OF

RUBBER FABRIC

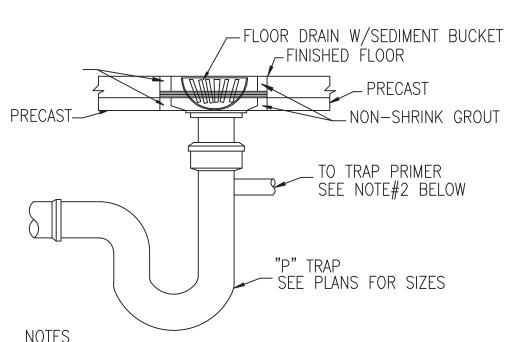
MAXIMUM PIPE SUPPORT SPACING FOR COPPER SOLDERED AND BRAZED 1-1/2" AND SMALLER SHALL BE 6 FEET AND 2"

HANGER. COPPER TUBES TO

STRUCTURE ABOVE

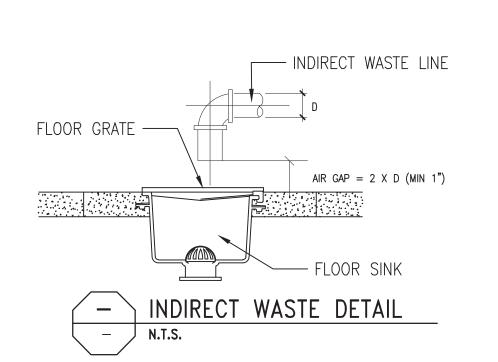
HEAVY DUTY — ACCESS FRAME AND COVER TOP OF COVER SHALL BE FLUSH W/TOP OF FLOOR.

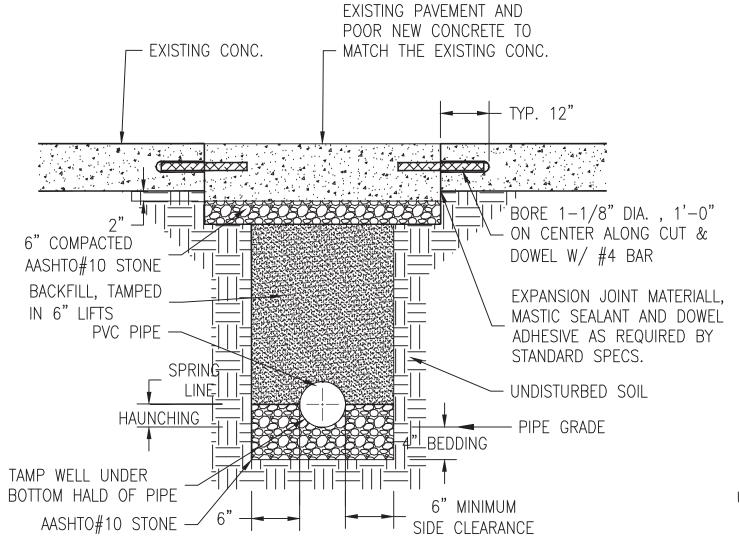
∠ NO HUB MAY BE USED



1. PROVIDE EXTENSIONS WHERE REQUIRED TO ACCOMMODATE FLOOR THICKNESS. 2. ADD TRAP PRIMER AS INDICATED ON DRAWINGS AND PER CODE.

FLOOR DRAIN DETAIL N.T.S.



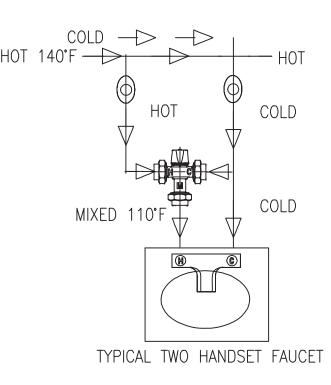


SAW CUT AND REMOVE

## NOTES:

- 1. PAVEMENT SAW CUT SHALL BE DONE BY AN APPROVED SAW CUT MACHINE.
- 2. NO ROCKS OR BOULDERS 4" OR LARGER TO BE USED IN INITIAL BACKFILL. 3. ALL BACKFILL MATERIAL SHALL BE SUITABLE NATIVE MATERIAL.
- 4. BACKFILL SHALL BE TAMPED IN 6" LIFTS IN TRAFFIC AREAS, 12" IN NON-TRAFFIC

SEWER TRENCH DETAILS N.T.S.



USG-B LAVATORY VALVE THAT CONFORMS ASSE1070 TO ACHIEVE 110°F.

LAVATORY MIXING VALVE N.T.S.

NO. M35235

blueberry,inc ENGINEERING SERVICES e-mail:info@blueberryinc.com

www.blueberryeng.com

Tel: (949)945-9614

OWNER/CLIENT: CITY OF PERRIS



**≥** | **PROJECT ADDRESS** 닭 CITY OF PERRIS [] 227 N. D STREET, PERRIS, CA 92570

> S S

PROJECT TITLE
PLUMBIN( SHEET TITLE PLUMBING DETAILS

**PROJECT NO.:** 236412

DATE:

08/11/2023 SCALE: AS SHOWN

DRAWING NO.

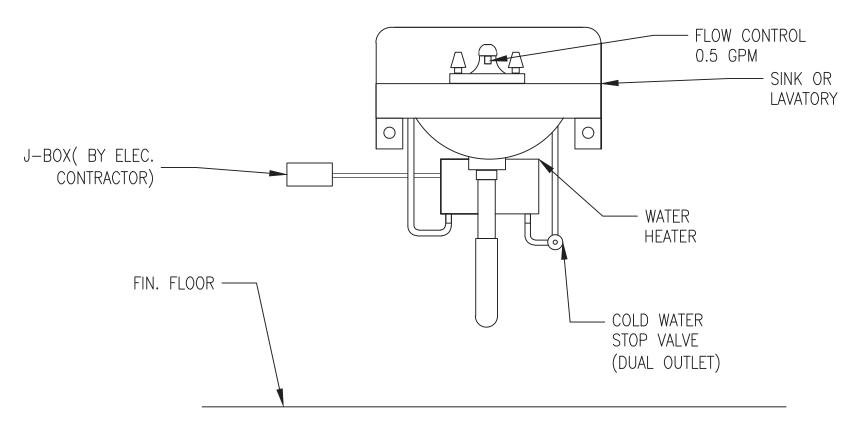
True North Compliance Services, Inc. Areli Sanchez DATE: 01/22/2024

	ELECTRIC WATER HEATER	KW REQUIREMENTS		
TAG	FIXTURE	COUNTS	GPH	T. GPH
HS OR LV	HAND SINK OR LAVATORY	1	5	5
		TOI	TAL GPH=	5
		THERMAL EFF	FICIENCY=	0.90
		TEMPERATURE	RISE °F=	60
TOTAL KW REQUIR	ED=(T.GPH x °RISE x 8.33/GALLON OF WATER	R)/(THERMAL EFFICIENCYX3412)	C	).81
NOTE	25 (1.61 11 × 11.62 × 3.66) 0/122611 01 11/1121	()/ (TILINIAL ELITIOIENOTAOTIZ)		

CONTRACTOR SHALL VERIFY WITH THE OWNER PRIOR TO ORDERING THE FIXTURES.

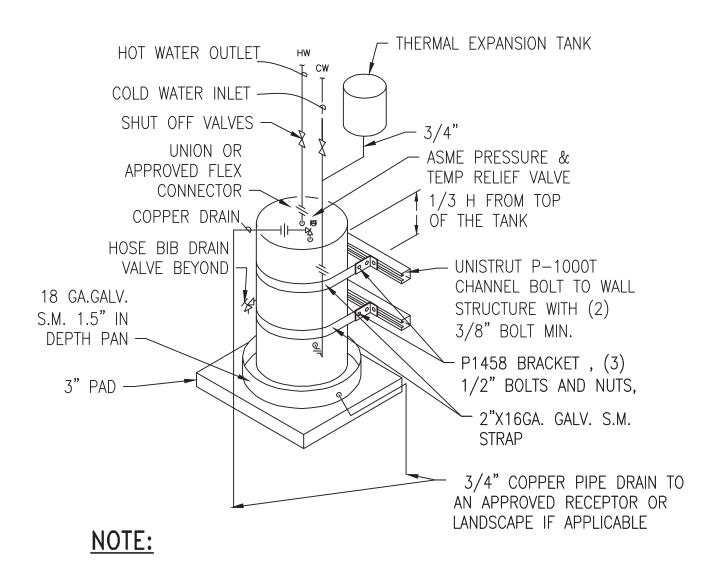
٠	CON	IIIACION	SHALL	V □ [ \ [ ]	1 441		OWINE	1 1 1	VIOIV TO	OIL	LINING III	L 11/	(10	INLO.							
2.	ALL	PLUMBIN	G FIXTI	URES	AND	<b>PIPING</b>	SHALL	ΒE	LISTED	AND	LABELED	BY A	٩N	APPROVED	AGENCY.	INSTALLATION	SHALL	BE	IN	ACCORDANCE	WITH
٩F	PRO	VED LISTIN	٧G																		

		UL LIS	TED I	ELECTRIC	C T A	ANK LESS '	WATER HEA	TER SCHE	DULE	
TAG	MAKE	MODEL#	POWER	V/P/F	AMP S	RECOVERY TIME BASED ON 60°F TEMP. RISE	TANK VOLUME (GALS)	WATER CONNECTION	RELIEF VALVE	NOTE
WH-2	EEMAX	EMT1	1440W	120/1/60	12A	8 MIN.	1.5	1/2" NPT	INCLUDED	OR EQUAL
WH-3	EEMAX	EMT1	1440W	120/1/60	12A	8 MIN.	1.5	1/2" NPT	INCLUDED	OR EQUAL
WH-4	EEMAX	EMT1	1440W	120/1/60	12A	8 MIN.	1.5	1/2" NPT	INCLUDED	OR EQUAL



POINT OF USE WATER HEATER SHALL BE POSITIONED SO AS NOT TO ENCROACH INTO ANY REQUIRED WHEELCHAIR ACCESS CLEARANCES BENEATH THE LAVATORY OR SINK AND SHALL BE SHIELDED AGAINST HUMAN CONTACT





- 1. CONTRACTOR SHALL VERIFY WITH THE OWNER PRIOR TO ORDERING THE WATER HEATER.
- 2. CONTRACTOR TO FOLLOW THE MANUFACTURER INSTALLATION INSTRUCTIONS.



			PLUMBII	ng fixture	E & EQUIF	PMENT SCH	HEDULE			
MARK	TYPE	FU	DFU	WASTE	VENT	CW	HW	DESCRIPTION	STATUS	QTY.
WC	WATER CLOSET	5.0	4.0	3"	3"	1-1/4"	_	FLUSH VALVE WATER CLOSET	EXISTING	8
UR	URINAL	5.0	4.0	3"	3"	1-1/4"	1	FLUSH VALVE URINAL	EXISTING	8
LV	LAVATORY	1.0	1.0	2"	2"	1/2"	1/2"	LAVATORY	EXISTING	6
SK	2-COMP SINK	2.0	2.0	2"	2"	1/2"	1/2"	TWO COMPARTMENT SINK	EXISTING	2
MS	MOP SINK	3.0	3.0	2"	2"	_	-	MOP SINK	EXISTING	1
НВ	HOSE BIBB	2.5	_	_	_	1/2"		HOSE BIBB	EXISTING	1

ELECTRI	C WATER HEATER KW REQU	IREMENTS FOR EACH	H UNI	T
TAG	FIXTURE	COUNTS	GPH	T. GPH
LV-3 & LV-4	LAVATORY	2	5.0	10.0
SK-3 & SK-4	2-COMP SINK	2	7.5	15.0
MS-1	MOP SINK	1	15.0	15.0
		TOTAL	_ GPH=	40.0
		THERMAL EFFIC	IENCY=	0.93
		TEMPERATURE R	ISE °F=	40
TOTAL KW	REQUIRED=(T.GPH x 'RISE x 8.33/GALLOI EFFICIENCYX3412)	N OF WATER)/(THERMAL	4.2	20

		W	ATER	HEATER	SCHED	ULE		
EQUIP. NO.	MANUFACTURER	MODEL #	INPUT KW	FIRST HOUR OF DELIVERY	CAPACITY	INLET/OUTLET NPT	VOLTAGE/PHASE/ AMPS	EFFICIENCY
WH-1	RHEEM	XE40M06ST45U1	4.5	54 GPH	40	3/4"	240V/1P/18.75A	0.93 UEF

## GENERAL NOTES:

- ALL WORK TO COMPLY WITH 2022 CALIFORNIA PLUMBING CODE, 2022 CALIFORNIA BUILDING CODE, 2022 CALIFORNIA GREEN CODE (CALGREEN), 2022 CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS, AND TITLE 18 OF LONG BEACH MUNICIPAL CODE.
- WATER PIPE AND FITTINGS WITH A LEAD CONTENT WHICH EXCEED 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER. (CPC 604.2 & CALIFORNIA HEALTH & SAFETY CODE 116875).
- ALL PLUMBING FIXTURES SHALL MEET THE FLOW RATE REQUIREMENTS OF CGBC TABLE 5.303.2.3.
- ALL FIXTURES IN HANDICAP RESTROOMS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF CALIFORNIA HANDICAP CODE AND LOCAL HANDICAP CODES HAVING JURISDICTION. ALL FIXTURES, EQUIPMENT, PIPING, AND MATERIALS SHALL BE LISTED. (CPC 301.2)
- PLUMBING PIPING SYSTEMS IN RESIDENTIAL ACCOMMODATIONS SHALL BE DESIGNED AND INSTALLED IN CONFORMANCE WITH SOUND LIMITATIONS
- AS REQUIRED IN THE CALIFORNIA BUILDING CODE. (CPC 309.5)
- ALL PIPING SHALL BE SUPPORTED AT INTERVALS NOT TO EXCEED THOSE SHOWN IN CPC TABLE 313.1. PUBLIC LAVATORIES SHALL HAVE CONTROLS TO LIMIT TO THE WATER TEMPERATURE TO 120°F.
- ALL SERVICE WATER HEATING EQUIPMENT TO BE IN COMPLIANCE WITH THE MODEL ENERGY CODE REQUIREMENTS AND LABELED. 10. EACH PLUMBING FIXTURE SHALL BE INDEPENDENTLY VALVE PER CODE.
- INSTALL ALL PLUMBING TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING. NO WATER OR DRAIN LINES PERMITTED OVER OR UNDER ELECTRICAL PANELS.
- 12. ALL POTABLE WATER OUTLETS WITH HOSE ATTACHMENTS, SUCH AS HOSE BIBS, AND MOP SINKS ARE TO BE PROVIDED WITH A BACKFLOW ANTI-SIPHON VALVE.
- 13. PLASTIC PIPE AND THE FITTINGS USED FOR PLASTIC PIPE, OTHER THAN THOSE FOR GAS, SHALL MEET THE REQUIREMENTS OF NSF14.
- 14. NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN CPC SEC. 609.9. 15. INSULATION SHALL BE PROVIDED ON ALL HOT WATER AND CIRCULATING PIPING AND THE FIRST 5' ON THE COLD WATER FROM THE WATER
- 16. THE PREMISE OWNER OR RESPONSIBLE PERSON SHALL HAVE THE BACKFLOW PREVENTION ASSEMBLY TESTED BY A CERTIFIED BACKFLOW
- ASSEMBLY TESTER AT THE TIME OF INSTALLATION. 17. BUILDING REVIEW MUST BE APPROVED PRIOR TO OBTAINING SEPARATE MECHANICAL/ELECTRICAL/PLUMBING PERMITS ASSOCIATED WITH THIS
- PROJECT. PLEASE CONTACT THE PERMIT CENTER AT (562) 570-5237 FOR ANY INFORMATION NEEDED IN REGARDS TO OBTAINING PERMITS. 18. HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED SO AS TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
- 19. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL NOT BE GREATER THAN 5 LB. FT.
- 20. ALL FAUCETS SHALL BE METERED.
- 21. NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE FLOW RATES SPECIFIED IN SECTION 5.303.2
- 22. HOT WATER PIPING SHALL BE INSULATED AS PER CPC 609.11 AND CAL ENERGY CODE TABLE 120.3-A.
- 23. NO VENTING SYSTEM SHALL TERMINATE LESS THAN 3FEET ABOVE ANY FORCED AIR INLET LOCATED WITHIN 10 FEET OR LESS THAN 4 FEET FROM ANY PROPERTY LINE EXCEPT A PUBLIC WAY.
- 24. NO VENT FROM INDIRECT WASTE PIPING SHALL BE COMBINED WITH ANY SEWER CONNECTED VENT BUT SHALL EXTEND SEPARATELY TO THE OUTSIDE AIR.
- 25. STEAM AND/OR HOT WATER DRAINAGE REQUIRES AN INDIRECT WASTE LINE.
- 26. EACH PLUMBING FIXTURE SHALL BE SEPARATELY TRAPPED BY AN APPROVED TYPE WATER SEAL TRAP.
- 27. BUILDING SEWER SHALL BE TESTED TO COMPLY WITH CPC 732.0
- 28. CONTRACTOR TO VERIFY AND INVERT ELEVATION OF EXISTING SANITARY SEWER AND ADJUST SYSTEM LAYOUT TO
- 29. CONTRACTOR SHALL CAP ALL UNUSED SEWER LINES.IN THE INSTALLATION OR REMOVAL OF ANY PART OF A DRAINAGE SYSTEM. DEAD ENDS SHALL BE PROHIBITED. CLEANOUTS EXTENSIONS AND APPROVED FUTURE FIXTURE DRAINAGE PIPING SHALL NOT BE CONSIDERED AS DEAD ENDS.
- 30. ALL PENETRATIONS IN FIRE RATED CONSTRUCTION SHALL BE CAULKED OR SLEEVED.

True North Compliance Services, Inc. PLAN REVIEW APPROVAL Areli Sanchez DATE: 01/22/2024

		W	ATER	SYSTEM SIZII	٧G			
	JOB ADD	RESS: 227	N D ST.,	PERRIS, CA92570				
WATER INFO.:	MAX PRESS	SURE:	PSI	MIN PRESSURE:	90 PSI	@		FT A.S
GIVEN BY:			DATE:		MAIN MET	ER SIZE:	2.00	INCH
73.0	F.U.	58.0 GPM		DEVELOPED	LENGTH:	200.	.00	FT
			25%	% OF DEVELOPED	LENGTH:	50.0	00	FT
	EQUALENT	DEVELOPED	LENGTH(	( DEVELOPED LEN	GTH +25%)	250.	.00	FT
		W	ATER CL	OSETS AND URINA	LS	•		
TAG	W/TANK	W/FLUSH VALVE		MAKE		MC	DDEL	
WC		Χ	AM	MERICAN STANDARD	1.	O GPF AD	)A COMF	PLIANT
			SYSTE	M COMPONENTS				

				3131L	III COMI CITEITIS					
	PIPING MATERIALS: SEE PIPE SPECIFICATIONS TABLE									
PRE	RESSURE REDUCING VLAVE 2.00 INCH MAKE WATTS									LF223
			H	YDRAUI	LIC CALCULATIONS					l
А		MIN	IMUM PR	ESSUR	E AT CITY MAIN				90	PSI
В	SET	PRES	SSURE AT	r PRES	SSURE REDUCE VA	LVE			70	PSI
С	PRES	SSURE	LOSS T	HROUG	Н	2.00	INCH	METER	2	PSI
D	PRESSURE LOSS THRU 2.00 INCH PRESSURE REDUCING VLAVE								6	PSI
Е										
F			OTHER F	PRESSU	JRE LOSSES				0	PSI
G	PRESS	URE L	.OSS DUI	E TO E	ELEVATION		10.0	FTx.43	4.30	PSI
Н	RESIDUAL PRESSURE								25.00	PSI
1	TOTAL PRESSURE LOSSES								37.30	PSI
J	PRESSURE AVAILABLE FOR FRICTION LOSS IN THE SYSTEM									PSI
K	PRESSURE/100FT J/(EQUALENT LENGTH x100) 21.08 PSI/100F									100FT

FIXTURE UNIT	TYPE	-		PIPE	SIZE SCHEDULI	E	
FIXTURE UNIT TYPE	F.U.	QTY.	TOTAL	PIPE MATERIAL:SEE PIP	E SPECIFICATION	NS TABLE	
3-COMP SINK	3.0	0	0.0	F	PSI/100		
2-COMP SINK	2.0	4	8.0		ALLOW	VABLE F.U	J.
HAND SINKS	1.0	0	0.0		FLUSH TA	NK	F. VLV.
MOP SINK	3.0	1	3.0	DIDE CIZE	HOT	COLD	COLD
CLOTHES WASHER	4.0	0	0.0	PIPE SIZE	5FT/S	8FT/S	8FT/S
LAVATORIES	1.0	6	6.0	1/2"	3	4	0
BATHTUB/SHOWER	3.0	0	0.0	3/4"	8	15	0
BATHTUB 3/4" FILL	10.0	0	0.0	1"	16	30	0
SHOWERS	2.0	0	0.0	1-1/4"	28	56	14
WATER CLOSETS	2.5	0	0.0	1-1/2"	46	103	35
WC W/FLUSHOMETER	5.0	8	40.0	2"	119	254	132
URINAL W/FLUSHOMETER	4.0	2	8.0	2-1/2"	245	455	329
FIRST HOSE BIBB	2.5	2	5.0	3"	406	719	666
ADDITIONAL HOSE BIBBs	1.0	0	0.0	3-1/2"			
DRINKING FOUNTAIN	1.0	1	1.0	4"			
ICE MAKER	1.0	1	1.0				
REFRIGERATOR	1.0	1	1.0				
TOTAL FIX	TURE	UNITS	73.0	FU =	58.0 GPM		ı
ADDITIONAL FLOW			0.0	FU =	0.0 GPM		
	TOTAL	FLOW	73.0	FU =	58.0 GPM		

. WATER PRESSURE TO ALL FIXTURES AND EQUIPMENT SHALL BE IN COMPLIANCE AS PER SECTION 608.1 CPC 2022. 2. THESE WATER CALCULATIONS ARE BASED ON THE SPECIFIED FIXTURES IN THIS PROJECT AS NOTED ABOVE WITH THE PRESSURE LOSS AS PROVIDED BY THE MANUFACTURER.

## PIPE SPECIFICATION

APPLICATION	TYPE
WATER	TYPE 'K' SOFT COPPER BELOW FLOOR OR GRADE.  TYPE 'L' HARD DRAWN COPPER TUBING WITH WROUGHT SOLDER JOINT FITTINGS ABOVE FLOOR OR GRADE.
DOWN SPOT WASTE AND VENT	SERVICE WEIGHT HUBLESS CAST IRON, ABOVE FLOOR OR GRADE AND SHALL CONFORM TO THE REQUIREMENTS OF CISPI STANDARD 301 AND ASTM A-888 FOR ALL PIPE AND FITTINGS
CONDENSATE DRAINS	TYPE 'M' HARD DRAWN COPPER WITH WROUGHT SOLDER JOINT FITTINGS

FITTINGS

SANITARY SEWER

<u>PIPE SPECIFICATIONS NOTE</u> ALL PIPE AND FITTINGS TO BE PRODUCED BY A SINGLE MANUFACTURER AND TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS. TESTING WITH COMPRESSED AIR OR GAS MAY RESULT IN INJURY OR DEATH. SOLVENT CEMENT SHALL CONFORM TO ASTM D 2235.

SERVICE WEIGHT HUBLESS CAST IRON PIPES AND FITTINGS. ABOVE OR BELOW FLOOR OR

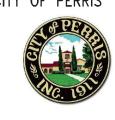
GRADE AND SHALL CONFORM TO ASTM A-888 AND CISPI STANDARD 301 FOR ALL PIPE AND

ENGINEERING SERVICE ₹|e−mail:info@blueberryinc.cor



Tel: (949)945-9614

OWNER/CLIENT: CITY OF PERRIS



**≥ PROJECT ADDRESS** 닭 CITY OF PERRIS 227 N. D STREET, PERRIS, CA 92570

 $\bigcirc$ >  $\bigcirc$ PROJECT TITLE PLUMBIN(

SHEET TITLE PLUMBING CALCULATIONS & SCHEDULES

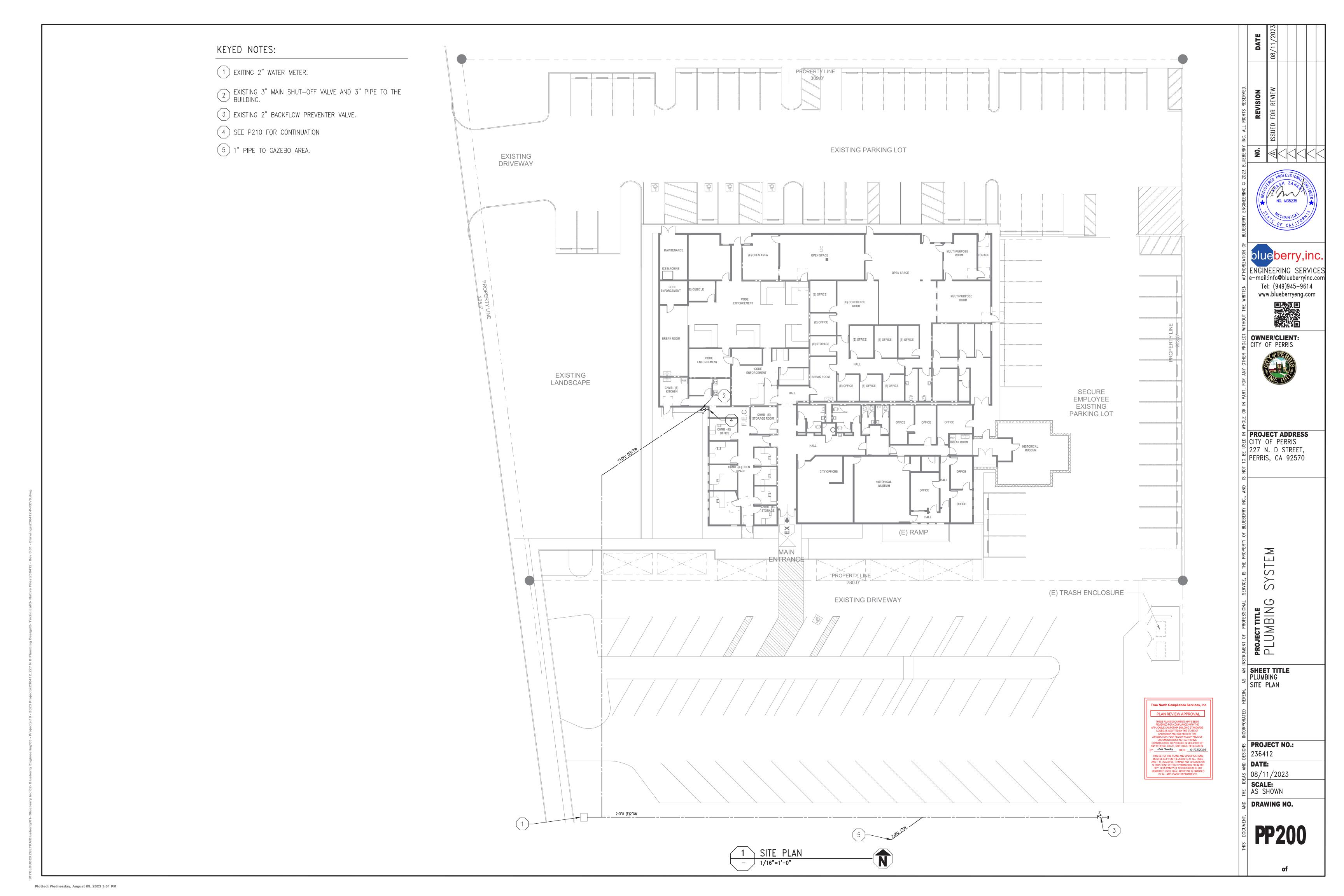
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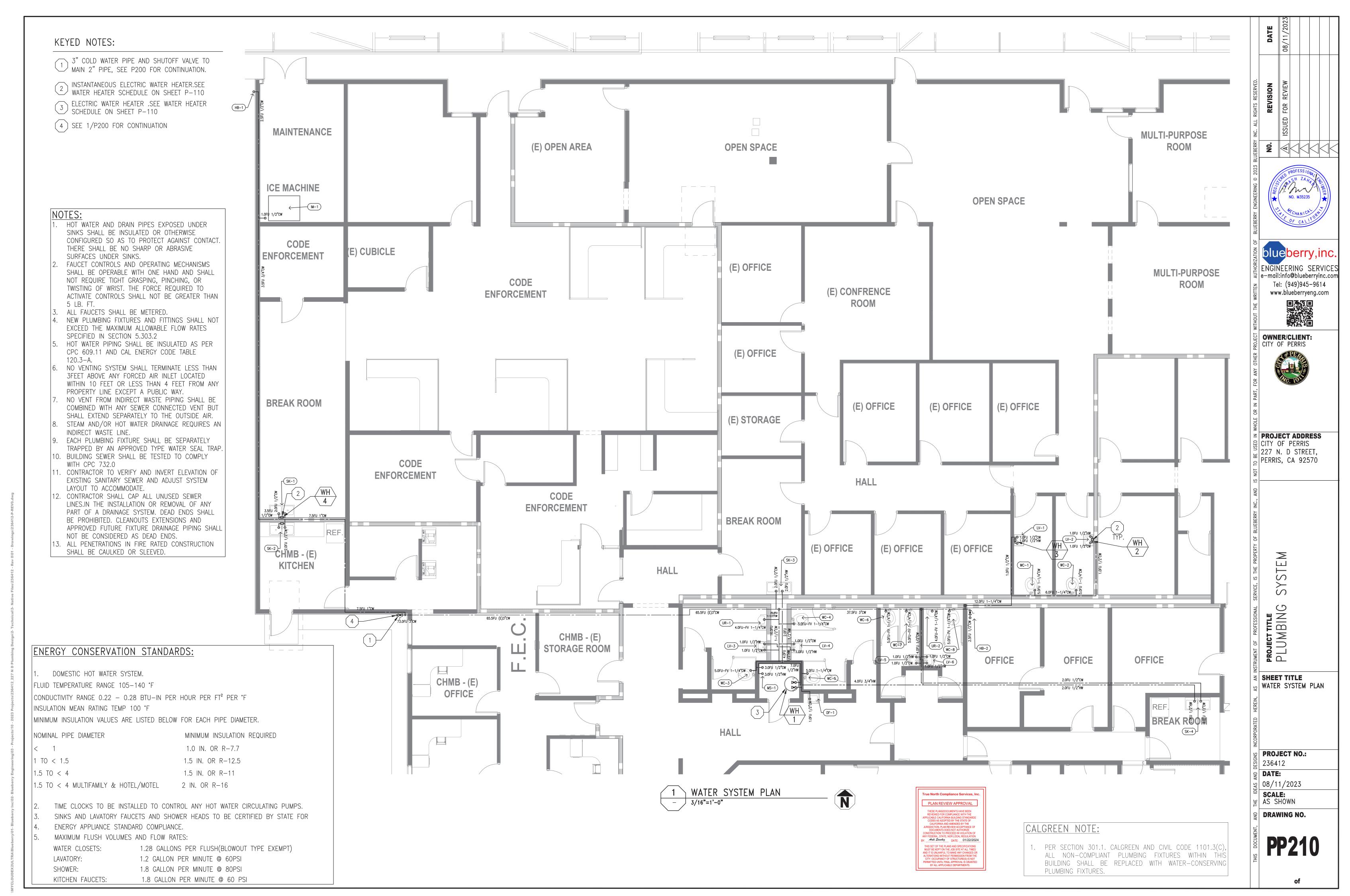
DATE: 08/11/2023

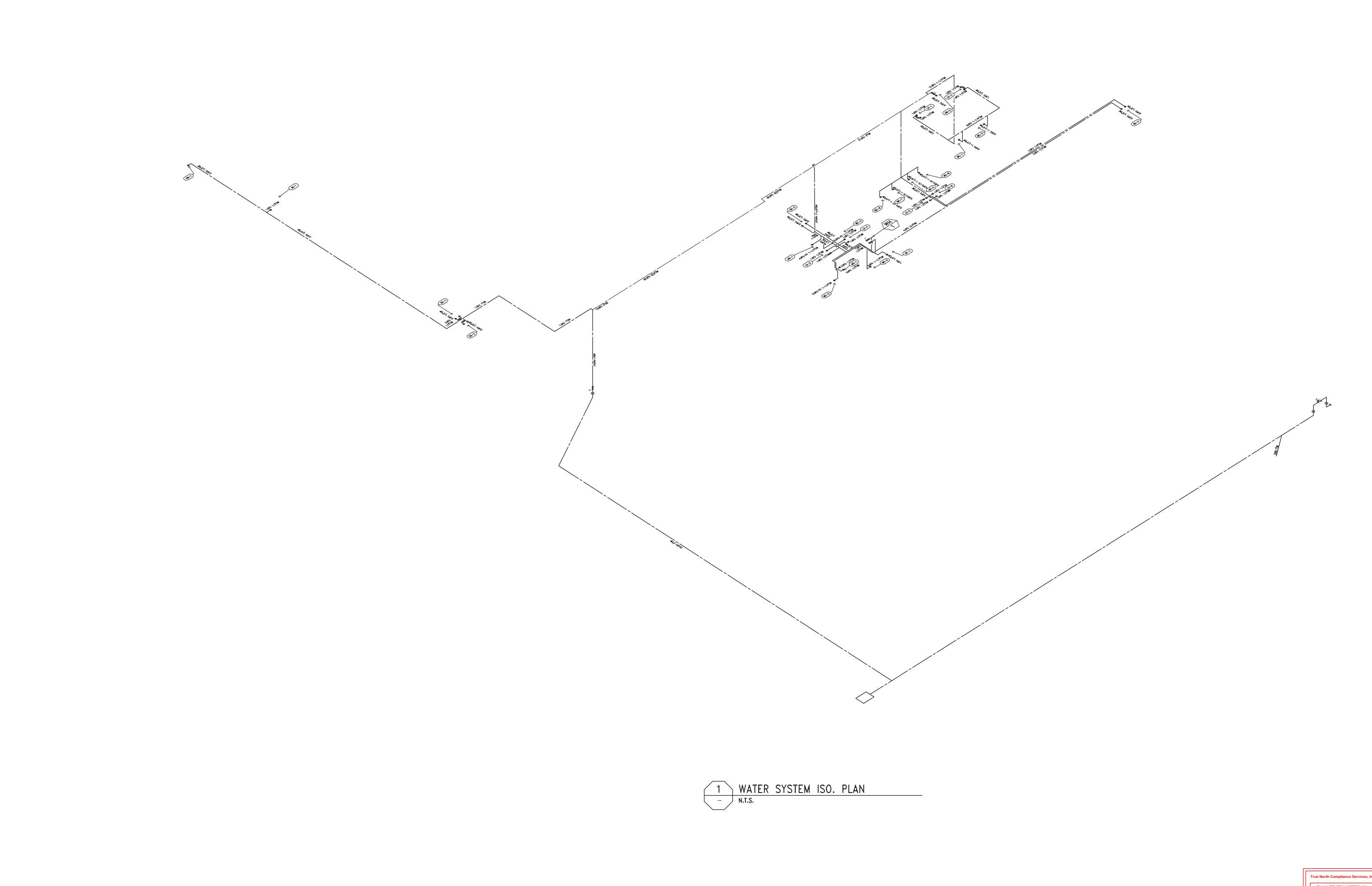
**SCALE:** AS SHOWN

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of







Plotted: Wednesday, August 09, 2023 3:51 PM

True North Compliance Services, Inc.

PLAN REVIEW APPROVAL

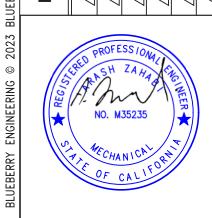
THESE PLANS/DOCUMENTS HAVE BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE CALIFORNIA BUILDING STANDARDS CODES AS ADOPTED BY THE STATE OF CALIFORNIA AND AMENDED BY THE JURISDICTION, PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, NOR LOCAL REGULATION.

BY: Acti Sandey DATE: 01/22/2024

THIS SET OF THE PLANS AND SPECIFICATIONS MUST BE KEPT ON THE JOB SITE AT ALL TIMES AND IT IS UNLAWFUL TO MAKE ANY CHANGES OR ALTERATIONS WITHOUT PERMISSION FROM THE CITY, OCCUPANCY OF STRUCTURE(S) IS NOT PERMITTED UNTIL FINAL APPROVAL IS GRANTED BY ALL ADDICAGE TO SERVICE STANDED TO SERVILLE FOR THE SERVILLE PROPERTY.

DATE 08/11/2023

REVISION
ISSUED FOR REVIEW



Dlueberry, inc.

ENGINEERING SERVICES
e-mail:info@blueberryinc.com
Tel: (949)945-9614
www.blueberryeng.com



OWNER/CLIENT:
CITY OF PERRIS



PROJECT ADDRESS
CITY OF PERRIS
227 N. D STREET,
PERRIS, CA 92570

PROJECT TITLE
PLUMBING SYSTEM

SHEET TITLE
WATER SYSTEM
ISO. PLAN

**PROJECT NO.:** 236412

236412 **DATE:** 98/11/2023

SCALE: AS SHOWN DRAWING NO.

BBAAA

**PP220** 

of

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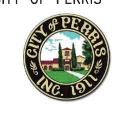
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ENGINEERING SERVICE e-mail:info@blueberryinc.co
Tel: (949)945-9614

www.blueberryeng.com

OWNER/CLIENT: CITY OF PERRIS



PROJECT ADDRESS
CITY OF PERRIS
227 N. D STREET,
PERRIS, CA 92570

G SYSTEM

SHEET TITLE

PLUMBING TITLE-24

PROJECT NO.: 236412
DATE:

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**PP300** 

of

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