

ADDENDUM 02 COVER PAGE

Project: Sonoma Clean Power 421 E Street Tenant Improvement 421 E Street Santa Rosa, CA 95404	Owner: Sonoma Clean Power Rebecca Simonson 431 E Street Santa Rosa, CA 95404 projects@sonomacleanpower.org	Arch Job # 1207 Date: July 7th, 2025
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AHJ File No.:

Architect's Instructions:

The changes, modifications, and additions to the Plans and Specifications described in the enclosed addendum, are made a part of the project referenced above, and are subject to all the requirements thereof as if originally specified. The Bidder must acknowledge receipt of the Addendum in the space provided on the Bid Form, Section 00 41 43; failure to do so may subject the Bidder to disqualification.

Architect:
AXIA Architects
540 Mendocino Ave
Santa Rosa, CA 95401

By



DOCUMENT 00- 9113.01

ADDENDUM 02

Addendum Legend

Inserted text indicated in Underline Style. Deleted text indicated in ~~Strikeout Style~~. Inserted and Deleted text is assumed to automatically re-number subsequent paragraphs as determined by context. Changes to the Drawing List and Table of Contents are incorporated by reference.

Addendum Table of Contents:

This addendum consists of Three (3) pages dated July 7th, 2025.

ATTACHMENTS

Project Manual:

None.

Addendum Drawings:

P0.1 PLUMBING LEGEND, SCHEDULES & NOTES

Other Attachments:

421_E_Street_Existing_Rooftop_Photos.PDF. Provided for reference only.

A. CHANGES TO PREVIOUS ADDENDA

None.

B. CHANGES TO THE BIDDING AND CONTRACT REQUIREMENTS

ADD 02.01: Section 00-21 13 SPECIAL CONDITIONS.
Insert the following Article 4.1 PRE-BID ACCESS TO ROOF, into the INSTRUCTIONS TO BIDDERS.

Non-mandatory Pre-Bid access to the roof shall be made available **2:00pm – 4:00pm on Thursday, July 10, 2025** to review the Project's existing conditions at 421 E Street, Santa Rosa, CA 95404. Representatives of the Agency and consulting architects will be present. All attendees must provide a certificate of insurance for worker's compensation at statutory limits as required by the Labor Code of the State of California and bring their own ladder before roof access may be granted. Questions asked by Bidders not specifically addressed within the Contract Documents shall be submitted and answered in writing.

ADD 02.02: Section 00-73 13 INSTRUCTIONS TO BIDDERS.
Make the following corrections to the Project Manual:

Section 00 73 13, Part 1.16.8.a. Sloan: Optima EAF-275, ~~hands free lavatory faucet;~~
~~polished chrome~~

Section 00 73 13, Part 1.16.8.a. Sloan ~~#EAF-275-SOL-CP-0, 5GPM-AER-IQ-FCT~~

Section 00 73 13, Part 1.16.8.b. Elkay: ~~EDFPBM117WS-F~~

Section 00 73 13, Part 1.16.8.b. ElKay: #LZWS-EDFPBM117K

C. CHANGES TO THE SPECIFICATIONS

ADD 02.03: Make the following corrections to the Project Manual:

Section 06-4100, Part 2.04.A.3: ~~3. Substitutions: See Section 01-6000 - Product Requirements.~~

Section 09-6500, Part 2.01.A.1.b: ~~b. Substitutions: See Section 01-6000 - Product Requirements.~~

Section 09-6500, Part 2.02.A.1.b: ~~b. Substitutions: See Section 01-6000 - Product Requirements.~~

Section 09-6813, Part 2.01.A.2: ~~2. Substitutions: See Section 01-6000 - Product Requirements.~~

Section 10-2800, Part 2.01.C.2: ~~2. Substitutions: See Section 01-6000 - Product Requirements.~~

Section 10-2800, Part 2.02.A.1.a.1): See Section 00 73 13 - Special Conditions; 1.16 Sole Source Findings in Procurement and Contracting Requirements.

Section 10-2800, Part 2.02.A.1.b: ~~b. Substitutions: Section 01-6000 - Product Requirements.~~

Section 10-2800, Part 2.02.B.1.a.1): See Section 00 73 13 - Special Conditions; 1.16 Sole Source Findings in Procurement and Contracting Requirements.

Section 10-2800, Part 2.02.B.1.b: ~~b. Substitutions: Section 01-6000 - Product Requirements.~~

Section 10-2800, Part 2.02.D.2.a.1): See Section 00 73 13 - Special Conditions; 1.16 Sole Source Findings in Procurement and Contracting Requirements.

Section 10-2800, Part 2.02.D.2.b: ~~b. Substitutions: Section 01-6000 - Product Requirements.~~

Section 10-2800, Part 2.02.E.1.e.1).(a): See Section 00 73 13 - Special Conditions; 1.16 Sole Source Findings in Procurement and Contracting Requirements.

Section 10-2800, Part 2.02.E.1.e.2): ~~2) Substitutions: Section 01-6000 - Product Requirements.~~

Section 10-2800, Part 2.02.F.1.a.1): See Section 00 73 13 - Special Conditions; 1.16 Sole Source Findings in Procurement and Contracting Requirements.

Section 10-2800, Part 2.02.F.1.b: ~~b. Substitutions: Section 01-6000 - Product Requirements.~~

Section 11-3013, Part 2.01.B.5.b: ~~b. Substitutions: Section 01-6000 - Product Requirements.~~

Section 12-2400, Part 2.01.B: ~~B. Substitutions: See Section 01-6000 - Product Requirements.~~

Section 12-3600, Part 2.01.C.2.a.2): ~~2) Substitutions: See Section 01-6000 - Product Requirements.~~

D. CHANGES TO THE DRAWINGS

ADD 02.04: On Sheet A2.3, in the Room Schedule Finishes Legend:
CEILING SA-1 ACOUSTIC CEILING ARMSTRONG FINE FISSURE, SECOND LOOK

E. BIDDERS QUESTIONS

ADD 02.05: Question: What area can be used for construction staging?

Answer: Staging can be set up in the West parking area on property, along Beaver Street.

ADD 02.06: Question: Can you show pictures of the rooftop?

Answer: See document 421_E_Street_Existing_Rooftop_Photos.PDF. For Reference Only. Refer to additional Non Mandatory Pre-Bid access on July 10th, 2:00 pm to 4:00 pm.

ADD 02.07: Question: I have a question on the ACT spec for this TI. Finish schedule calls out arm fine fissured, but spec section calls for second look II tegular. Can you confirm which tile is needed to be used?

Answer: ACT Tiles per specifications. Drawing sheet A2.3 has been updated in this addendum per ADD 02.04.

ADD 02.08: Question: Has a building permit been applied for with the City of Santa Rosa? Is the owner covering the costs for all permit?

Answer: The project has been submitted for Plan Check Review. The owner has paid Building Permit Fees. For all other fees, refer to General Conditions and the Contract Documents.

ADD 02.09: Question: Has there been a Hazmat survey done for the building?

Answer: See Appendices A, B and C on the Project Manual.

END OF ADDENDUM

SYMBOL	ABBREVIATION	DESCRIPTION
	W	WASTE PIPE ABOVE GRADE
	W, SS	WASTE PIPE BELOW GRADE
	V	VENT PIPE
	CW	COLD WATER PIPE
	HW	HOT WATER PIPE
	HWR	HOT WATER RETURN PIPE
	G	GAS PIPE
		GLOBE VALVE
		BALL VALVE
		CHECK VALVE
		BALANCING VALVE
		PRESSURE REDUCING DEVICE
	TV	TEMPERING VALVE
		UNION
		PRESSURE GAUGE AND NEEDLE VALVE
		PUMP
		THERMOMETER
	CD	CLEANOUT
	FCD	FLOOR CLEANOUT
	CDTG	CLEANOUT TO GRADE
	HB	HOSE BIBB
		PIPE UP
		PIPE DOWN
		PIPE CONNECTION
	FD	FLOOR DRAIN
		AQUASTAT
		TIME SWITCH
		PRESSURE AND TEMPERATURE RELIEF VALVE
	AFB	ABOVE FINISHED FLOOR
	AFG	ABOVE FINISHED GRADE
	ARGDN	ARGON GAS PIPING
	BFB	BELOW FINISHED FLOOR
	CD	CONDENSATE DRAINAGE PIPING
	DCW	DOMESTIC COLD WATER
	DFU	DRAIN FIXTURE UNITS
	DWV	DRAIN, WASTE, AND VENT
	DN	DOWN
	DWG	DRAWING
	FW	FORCED WASTE
	I. E.	INVERT ELEVATION
	NTS	NOT TO SCALE
	SS	SANITARY SEWER
	TYP	TYPICAL
	VTR	VENT THROUGH ROOF
	WCD	WALL CLEANOUT
	WSFU	WATER SUPPLY FIXTURE UNITS
	SAD	SEE ARCHITECTURAL DRAWINGS
	SCD	SEE CIVIL DRAWINGS
	SCH	SCHEDULE
	SED	SEE ELECTRICAL DRAWINGS
	SFD	SEE FOOD SERVICE DRAWINGS
	SMD	SEE MECHANICAL DRAWINGS
	SSD	SEE STRUCTURAL DRAWINGS
	S/S	STAINLESS STEEL
	V	VENT
	WC	WATER COLUMN
	W/	WITH

QTY	DESCRIPTION	W	V	PIPE SIZE INCHES HW	CV	TW
1	DRINKING FOUNTAIN	(2) 2	(2) 1-1/2	-	1/2	-
1	FLOOR SINK	2	1-1/2	-	-	-
1	HOSE BIBB	-	-	-	3/4	-
1	ICE MAKER BDX	-	-	-	1/2	-
	LAVATORY	1-1/2	1-1/2	-	1/2	1/2
	SINK, MDP	3	1-1/2	1/2	1/2	-
	SINK, BREAK ROOM	2	1-1/2	1/2	1/2	-
	SINK, LACTATION	2	1-1/2	1/2	1/2	-
1	TEMPERING VALVE	-	-	1/2	1/2	1/2
2	TEMPERING VALVE	-	-	3/4	3/4	3/4
1	WATER CLOSET (TANK)	3	2	-	1/2	-
1	WATER HEATER (TANK)	-	-	3/4	3/4	-
WASTE DISCHARGES INDIRECTLY TO FLOOR SINK.						
WASTE SIZE INDICATED ON PLAN.						
PROVIDE 1-1/2"VENT FOR 3" WASTE AND 2"VENT FOR 4" WASTE.						

P0.1	PLUMBING LEGEND, SCHEDULES & NOTES
P2.1	PLUMBING PLAN - LOWER
P2.2	PLUMBING PLAN - UPPER
P2.3	PLUMBING PLAN - ROOF
P5.1	PLUMBING DETAILS
P7.1	PLUMBING SPECIFICATIONS

ALL PIPES, FITTINGS, FIXTURES AND ALL OTHER END-USE DEVICES INTENDED TO CONVEY OR DISPENSE WATER FOR HUMAN CONSUMPTION THROUGH DRINKING OR COOKING SHALL BE "LEAD FREE" IN COMPLIANCE WITH CALIFORNIA AB1953. PRIOR TO CONSTRUCTION, SUBMIT TO THE ENGINEER A STATEMENT INDICATING ALL PRODUCTS SUPPLIED ARE IN COMPLIANCE WITH THE LAW.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF PLUMBING FIXTURES, FIXTURE MOUNTING HEIGHTS AND FLOOR DRAIN LOCATIONS.

PLUMBING FIXTURES AND INSTALLATIONS THAT SERVE PUBLIC BUILDINGS, PUBLIC ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLIC HOUSING SHALL COMPLY WITH CBC ACCESSIBILITY STANDARDS 11B-211 "DRINKING FOUNTAINS", 11B-212 "KITCHENS, KITCHENETTES, WET BARS AND SINKS", 11B-213 "TOILET FACILITIES AND BATHING FACILITIES" & 11B-214 "WASHING MACHINES AND CLOTHES DRYERS. SEE ARCHITECTURAL DRAWINGS FOR INSTALLATION DETAILS.

ALL PLUMBING FIXTURES SHALL COMPLY WITH WATER CONSERVATION REQUIREMENTS OF CALIFORNIA ENERGY CODE (TITLE 24), AND THE CALIFORNIA GREEN CODE MANDATORY MEASURES. PERFORMANCE CALCULATIONS MAY BE PROVIDED IN LIEU OF PRESCRIPTIVE REQUIREMENTS SHOWN BELOW. IF VOLUNTARY TIER-1 OR TIER-2 MEASURES ARE REQUIRED A SEPARATE PERFORMANCE CALCULATION MUST BE PROVIDED TO SHOW COMPLIANCE.

COMMERCIAL PROJECTS (MANDATORY MEASURES):

- A. SHOWERS TO BE 1.8 GPM AT 80 PSI (2.0 GPM FOR DSA). NOT MORE THAN ONE HEAD AT A TIME PER SHOWER
- B. LAVATORY FAUCETS TO BE 0.5 GPM AT 60 PSI
- C. KITCHEN FAUCETS TO BE 1.8 GPM AT 60 PSI
- D. METERING FAUCETS TO BE 0.20 GALLONS / CYCLE
- E. WATER CLOSETS TO BE 1.28 GALLONS PER FLUSH
(FOR DUK WASH AVERAGE OF 2 REDUCED FLUSH AND 1 FULL FLUSH)
- F. URINALS TO BE 0.125 GALLONS PER FLUSH

ALL PIPING SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED OTHERWISE.

REFER TO ARCHITECTURAL PLANS FOR THE PLUMBING DEMOLITION WORK. CAP ALL UNUSED PIPING.

PHYSICALLY VERIFY ELEVATION OF SEWER CONNECTION AND EXACT LOCATION BEFORE STARTING ANY WORK.

WHERE PIPES PASS THROUGH FIRE RATED CONSTRUCTION AND AT SHAFT FLOOR PENETRATIONS PROVIDE FIRE STOPPING PER CPC CHAPTER 14 AND CBC CHAPTER 7. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED ASSEMBLIES.

SEISMIC SUPPORT AND BRACING FOR ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH CBC CHAPTER 16A, STANDARDS FOR SUPPORT AND ANCHORAGE METHOD AND MATERIALS PUBLISHED, REVISED AND APPROVED BY THE STATE AGENCIES MAY BE USED. PROVIDE PIPE BRACING FOR PIPING SUSPENDED 12 INCHES OR MORE FROM STRUCTURE WITH 2-1/2 INCH OR LARGER NOMINAL DIAMETER, AND GAS PIPING 1 INCH OR LARGER NOMINAL DIAMETER AT 40 FOOT INTERVALS.

NO PRESSURIZED WATER SUPPLY LINES ARE TO BE PLACED, OR ROUTED UNDER ANY POST TENSION CONCRETE SLAB.

WHERE CEILING SPACES ARE USED AS A RETURN AIR PLENUM, MATERIALS SHALL BE NONCOMBUSTIBLE OR FLAME SPREAD INDEX NOT GREATER THAN TWENTY-FIVE (25) AND A SMOKE DEVELOPMENT INDEX NOT GREATER THAN FIFTY (50) IN ACCORDANCE CM 602.2 AND NFPA 90A.

PROVIDE 16 GAUGE STAINLESS STEEL PROTECTIVE COVER ON PIPING, WHERE PIPING IS LOCATED IN AN AREA WHERE IT MAY BE SUBJECT TO DAMAGE, SIMILAR TO CPC 110.16.1.

INSTALL ALL FLOOR SINKS FLUSH WITH FINISHED FLOOR UNLESS OTHERWISE NOTED. INDIRECT WASTE RECEPTACLES SHALL BE LOCATED WHERE THEY ARE READILY VISIBLE FOR INSPECTION & CLEANING PER CPC 904.1.

PLUMBING CONTRACTOR SHALL COMPLETE TITLE 24 CERTIFICATE OF INSTALLATION (NRCI-PLB & NRCI-PRC) AND CERTIFICATE OF ACCEPTANCE (NRCA-PRC) FORMS PRIOR TO COMPLETION OF CONSTRUCTION AND SUBMIT TO THE ENGINEER FOR APPROVAL.

THESE WATER SYSTEM DESIGNS ARE BASED ON A MINIMUM RESIDUAL WATER PRESSURE OF 50 PSIG AT 10 GPM, AT THE POINT OF CONNECTION. PRIOR TO CONSTRUCTION - VERIFY WATER PRESSURE. NOTIFY THE MECHANICAL ENGINEER IF RESIDUAL WATER PRESSURE IS LESS THAN NOTED ABOVE.

PRIOR TO CONSTRUCTION - PLUMBING CONTRACTOR SHALL VERIFY WATER SUPPLY QUALITY (HARDNESS & CHEMISTRY) BEING SUPPLIED TO PLUMBING EQUIPMENT. WATER QUALITY REPORTS SHALL BE OBTAINED FROM THE OWNER OR GENERAL CONTRACTOR. PLUMBING CONTRACTOR SHALL CONFIRM THE WATER QUALITY TO PLUMBING EQUIPMENT MEETS THE MANUFACTURER'S WATER QUALITY REQUIREMENTS. THIS PLUMBING EQUIPMENT INCLUDES, BUT NOT LIMITED TO, THE WATER HEATER AND DISHWASHER (SAD). PLUMBING CONTRACTOR SHALL REPORT TO OWNER OR GENERAL CONTRACTOR IF WATER SUPPLY DOES NOT MEET THE MANUFACTURER'S REQUIREMENTS. WATER TREATMENT IS PROVIDED AND INSTALLED BY OTHERS. VERIFY WATER TREATMENT SYSTEM LOCATION & PLUMBING COORDINATION REQUIREMENTS W/ PROVIDER.

REFER TO SPECIFICATION SECTION 22 00 00 ON SHEET P7.1 FOR ADDITIONAL REQUIREMENTS.

[illegible]

COTG	CLEANOUT TO GRADE WITH ACCESS BOX MODEL: ZURN Z1440 OR EQUAL, PROVIDE CHRISTY CONCRETE PRODUCTS, INC. #F08 BOX FOR NON TRAFFIC AREA DR #G05 BOX FOR TRAFFIC AREA OR EQUAL.
DF-1	DRINKING FOUNTAIN MODEL: ELKAY UKZWS-EDFBM17K DESCRIPTION: BOTTLE FILLING STATION WITH 81-LEVEL INTEGRAL SWIRL/FLO FOUNTAIN FILTERED NON-REFRIGERATED STAINLESS WITH MOUNTING FRAME, ADA COMPLIANT. ELECTRICAL: 1 AMP, 115 WATTS NOTES: SOURCE SOUNDED, SEE SECTION 00 73 13 - SPECIAL CONDITIONS; 1.16 SDR. SOURCE FINDINGS IN PROCUREMENT AND CONTRACTING REQUIREMENTS.
ET-1	EXPANSION TANK MODEL: STATE #TW-5-S OR EQUAL WEIGHT: 20 LBS. OPERATING DESCRIPTION: IN-LINE TYPE, FIELD ADJUSTABLE AIR CHARGE, PLASTIC LINED & 3/4" CONNECTION. 5 YEAR WARRANTY.
FCO	FLOOR CLEANOUT MODEL: ZURN #ZN-1400-HD OR EQUAL, "HEAVY DUTY" IN TRAFFIC AREAS. ZURN #ZN-1400-BZ OR EQUAL, ADJUSTABLE LEVELING, IN NON-TRAFFIC AREAS.
FS-1	FLOOR SINK MODEL: ZURN #Z2378 OR EQUAL DESCRIPTION: 8"x8"x6" ENAMELED CAST IRON BODY WITH ABS DOME STRAINER.
HB-1	HOSE BIBB MODEL: WODDFOR #24PK(BR) OR EQUAL, 3/4" DESCRIPTION: WITH NON-REMOVABLE VACUUM BREAKER, ROUGH BRASS FINISH, LOOSE KEY HANDLE.
IB-1	ICE MAKER VALVE BOX FEATURES: LSSP SPECIALITY PRODUCTS #BB-509-LL DR SHUT OFF 20 GAGE STEEL WALL BOX WITH 1/4 TURN OFF VALVE, WATER HAMMER ARRESTOR, CA LEAD-FREE COMPLIANT.
L-1	LAVATORY MODEL: DURANT #3106000002 OR EQUAL VACUUM MOUNTED SINK, ADA COMPLIANT. FAUCET: SLAN #EAF-275-37L-CP-D-0-5GM-ACR-10-FCT, ADA COMPLIANT, POLISHED CHROME FINISH, 0.5 GPM, INFRARED SENSOR, SOLAR POWER SUPPLY, MIXER NOT INCLUDED. FAUCET NOTES: SOURCE SOUNDED, SEE SECTION 00 73 13 - SPECIAL CONDITIONS; 1.16 SDR. SOURCE FINDINGS IN PROCUREMENT AND CONTRACTING REQUIREMENTS. ACCESSORIES: PROVIDE W/ DURAVIT #D55718 SINK SDRUOL, CHICAGO FAUCETS #327-XCP CHROME PLATED INCH GRIND STRAINER WASTE, ZURN #Z1224 WALL CARRIER.
P-1	HOT WATER RECIRCULATION PUMP - FOR INDOR INSTALLATION MODEL: GRUNDFOS #UPS 15-95 SCV/TLC OR EQUAL, 3-SPEED CAPACITY: 0-25 GPM AND 0-18 FT TDH, SEE NOTES BELOW. ELECTRICAL: 115 VOLT, 1 PHASE, 0.75 AMPS, 87 WATTS, 0.12 HP DESCRIPTION: ALL STAINLESS STEEL CONSTRUCTION, INTEGRAL CHECK VALVE & LEAD-FREE CA1993 COMPLIANT. ACCESSORIES: HIDRALL LG006G 1018 OR EQUAL, SURFACE MOUNTED AQUASTAT SET TO ENABLE PUMP ON WHEN 15°F BELOW TANK TEMPERATURE SETPOINT AND OFF WHEN 5°F BELOW TANK TEMPERATURE SETPOINT, PROGRAMMABLE 24-HOUR DIGITAL TIMER, CORD WITH PLUG, 1" FLANGED CONNECTION. NOTES: SET PUMP SPEED AS REQUIRED TO PROVIDE 5°F TEMPERATURE LOSS WHEN NO FIXTURES ARE CALLING FOR HOT WATER. REMOVAL INTEGRAL CHECK VALVE.
PR-1	WATER PRESSURE MODEL: REDUCING VALVE (AT DISHWASHER) WATTS REGULATOR #FUSB OR EQUAL, SEE PLAN FOR SIZE DESCRIPTION: LEAD FREE, BRONZE BODY WITH RENEWABLE STAINLESS STEEL SEAT AND STAINLESS
S-1	SINK, MOP MODEL: FLORESTONE PANEL #MSR-24X24 OR EQUAL WITH 3" DRAIN ACCESSORIES: FLORESTONE FAUCET WITH VACUUM BREAKER, DOUBLE STOPS, AND BUCKET HOOK W/ VAL. #MR-371, #MR-370 HOSE, #MR-372 MOP HANGER & 3 CLAMPS, #MR-374 WEDGE-LUCK, #MR-375 FLAT CHROME STRAINER, (2)#MR-377 24" PANEL.
S-2	SINK, BREAK ROOM MODEL: ELKAY #ELUHAD141850 OR EQUAL DESCRIPTION: UNDERMOUNT SINK, SINGLE COMPARTMENT, 16-1/2" W X 20-1/2" L X 4-7/8", 18 GAUGE 304 STAINLESS STEEL, ADA COMPLIANT. ACCESSORIES: ELKAY #LKAD35 OR EQUAL, 3-1/2"DRAIN FITTING WITH STRAINER BASKET (AS NEEDED). FAUCET: ELKAY #LK6000 OR EQUAL, SINGLE HOLE DECK MOUNT FAUCET WITH PULL-DOWN SPRAY, ADA COMPLIANT, 1.5 GPM. DISPOSER: INSINKERATOR MODEL EVOLUTION EXCEL. ELECTRICAL: 120 VOLTS, 1 HP CONTROLLED FROM WALL SWITCH.
S-3	SINK, LACTATION MODEL: ELKAY #NE15152 OR EQUAL, W/ SINGLE HOLE DESCRIPTION: DROP-IN SINK, SINGLE COMPARTMENT, 19" W X 15" L X 5-1/8", 23 GAUGE STAINLESS STEEL, 1 INCH DR. DIVERS FAUCET, ADA COMPLIANT. ACCESSORIES: ELKAY #LKAD35 OR EQUAL, 3-1/2"DRAIN FITTING WITH STRAINER BASKET. FAUCET: ELKAY #LK6000 OR EQUAL, SINGLE HOLE DECK MOUNT FAUCET WITH PULL-DOWN SPRAY, ADA COMPLIANT, 1.5 GPM.
TV-1	TEMPERING VALVE (UNDER LAVATORY) MODEL: LEADWAD #170-LF-8P-BRKT OR EQUAL DESCRIPTION: LEAD FREE, BRONZE BODY WITH INTEGRAL CHECK VALVES AND ADJUSTMENT CAP WITH LOCKING FEATURE, SET AT 110°F. ASSE 1017, 1070 CERTIFIED. INCLUDE OPTIONAL COLD WATER BYPASS & MOUNTING BRACKET.
TV-2	TEMPERING VALVE, WATER HEATER MODEL: POWERS #FLM491 OR EQUAL, 3/4" WITH UNIONS DESCRIPTION: LEAD-FREE, THERMOSTATIC MIXING VALVE, ASSE 1017 APPROVED, INTEGRAL CHECK VALVES. SET AT 120 F OR AS DIRECTED BY OWNER.
WA-1	WATER HAMMER ARRESTOR MODEL: SIZOX CHIEF "HYDRAESTER" 650 SERIES OR EQUAL NOTES: SIZE AS NOTED ON PLANS, PROVIDE WITH BALL SHUTOFF VALVE.
WCO	WALL CLEANOUT MODEL: ZURN #Z-144S OR EQUAL. VERIFY FINISH WITH ARCHITECT.
WC-1	WATER CLOSET, ACCESSIBLE FLOOR MOUNTED TANK TYPE MODEL: SLAN #WETS-8029, 8010 OR EQUAL. DESCRIPTION: FLOOR MOUNTED PRESSURE ASSIST TANK TOILET, ELONGATED FRONT BOWL. ADA COMPLIANT. 1.28 GPF. INSTALLED TO MEET ADA REQUIREMENTS. FLUSH WATER HANDLE LOCATED ON RIGHT OR LEFT SIDE AS REQUIRED TO MEET ADA REQUIREMENTS. SEAT: PROVIDE W/ ELONGATED OPEN FRONT TOILET SEAT.
WH-1	WATER HEATER, HEAT PUMP MODEL: #RPHD440-22-RH375-DCB OR EQUAL CAPACITY: NOMINAL 40 GALLONS, 26 GPM AT 90 F RISE. 20-1/4" DIAMETER X 62-5/16" HIGH. ELECTRICAL: 240 VOLT, 1 PHASE, 30 AMPS MDCP WEIGHT: 550 LBS (OPERATING) ACCESSORIES: PROVIDE W/ #SP20808 8 INCH INSULATED FLEXIBLE DUCT KIT, (1)#SP20890 8 INCH RIGID ELBOW DUCT KIT. NOTES: PROVIDE W/ ASSE 1017 LISTED TEMPERING VALVE, SET TO OPERATE WITH STORAGE WATER TEMPE OF 140F MAXIMUM OR AS DIRECTED BY OWNER. INSTALL WATER HEATER PER CDE & PER MANUFACTURER'S REQUIREMENTS.

MATERIALS	TYPES OF JOINTS	HORIZONTAL	VERTICAL
Cast	Lead and Oakum	5 feet, except 10 feet where 10 foot lengths are installed ^{1,2,3}	Base and each floor, not to exceed 15 feet
	Compression Gasket	Every other joint, unless over 4 feet then support each joint ^{1,2,3}	Base and each floor, not to exceed 15 feet
Cast-iron Flueless	Shielded Coupling	Every other joint, unless over 4 feet then support each joint ^{1,2,3}	Base and each floor, not to exceed 15 feet
Copper & Copper Alloys	Soldered, Braided, Threaded, or Mechanical	1/2 inches and smaller, 6 feet; 2 inches and larger, 10 feet	Each floor, not to exceed 10 feet ⁴
Steel Pipe for Water or DWV	Threaded or Welded	1 inch and larger, 10 feet; 1 1/2 inches and larger, 12 feet	Every other floor, not to exceed 25 feet ⁴
Steel Pipe for Gas	Threaded or Welded	1/2 inches, 6 feet; 1 inch and 1 inch, 8 feet; 1 1/4 inches and larger, 10 feet	1/2 inch, 6 feet; 3/4 inch and 1 inch, 8 feet; 1 1/4 inches every floor level
Schedule 40 PVC and ABS DWV	Solvent Cemented	All sizes, 4 feet; allow for expansion every 30 feet ¹	Base and each floor, provide mid-story guides for expansion every 30 feet
CPVC	Solvent Cemented	1 inch and smaller, 3 feet; 1 1/2 inches and larger, 4 feet	Base and each floor; provide mid-story guides
CPVC-AL-CPVC	Solvent Cemented	1/2 inch, 5 feet; 3/4 inch, 6 feet; 1 inch, 6 feet	Base and each floor; provide mid-story guides
Lead	Wiped or Burned Mechanical	Continuous Support	Not to exceed 4 feet
PEX	Cold Expansion, Insert, and Compression	In accordance with standards acceptable to the Authority Having Jurisdiction	Base and each floor; provide mid-story guides
PEX-AL-PEX	Metal Insert and Metal Compression	1/2 inch 3/4 inch 1 inch	All sizes 98 inches
			Base and each floor; provide mid-story guides
PE-AL-PE	Metal Insert and Metal Compression	1/2 inch 3/4 inch 1 inch	All sizes 98 inches
			Base and each floor; provide mid-story guides
PE-RT	Insert and Compression	1 inch and smaller, 32 inches; 1 1/2 inches and larger, 4 feet	Base and each floor; provide mid-story guides
Polypropylene (PP)	Fusion weld (copper, butt, saddle, electrofusion), threaded (metal threads only), or mechanical	1 inch and smaller, 32 inches; 1 1/2 inches and larger, 4 feet	Base and each floor; provide mid-story guides

For SI units: 1 inch = 25.4 mm, 1 foot = 304.8 mm

Notes:

- ¹ Support adjacent to joint, not to exceed 18 inches (457 mm).
- ² Base not to exceed 60 feet (12 192 mm) intervals to prevent horizontal movement.
- ³ Support at each horizontal branch connection.
- ⁴ Hangers shall not be placed on the coupling.

⁵ Vertical water lines shall be permitted to be supported in accordance with recognized engineering principles with regard to expansion and contraction, where first approved by the Authority Having Jurisdiction.

SONOMA CLEAN POWER

REV #	DATE:	ISSUED FOR:
△	07-07-25	Bid Addendum 2

[illegible]

SHEET: **D01**

P0.1

PLUMBING LEGEND,
SCHEDULES & NOTES

ORIGINAL DATE:	1.23.2025
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AxIA
ARCHITECTS

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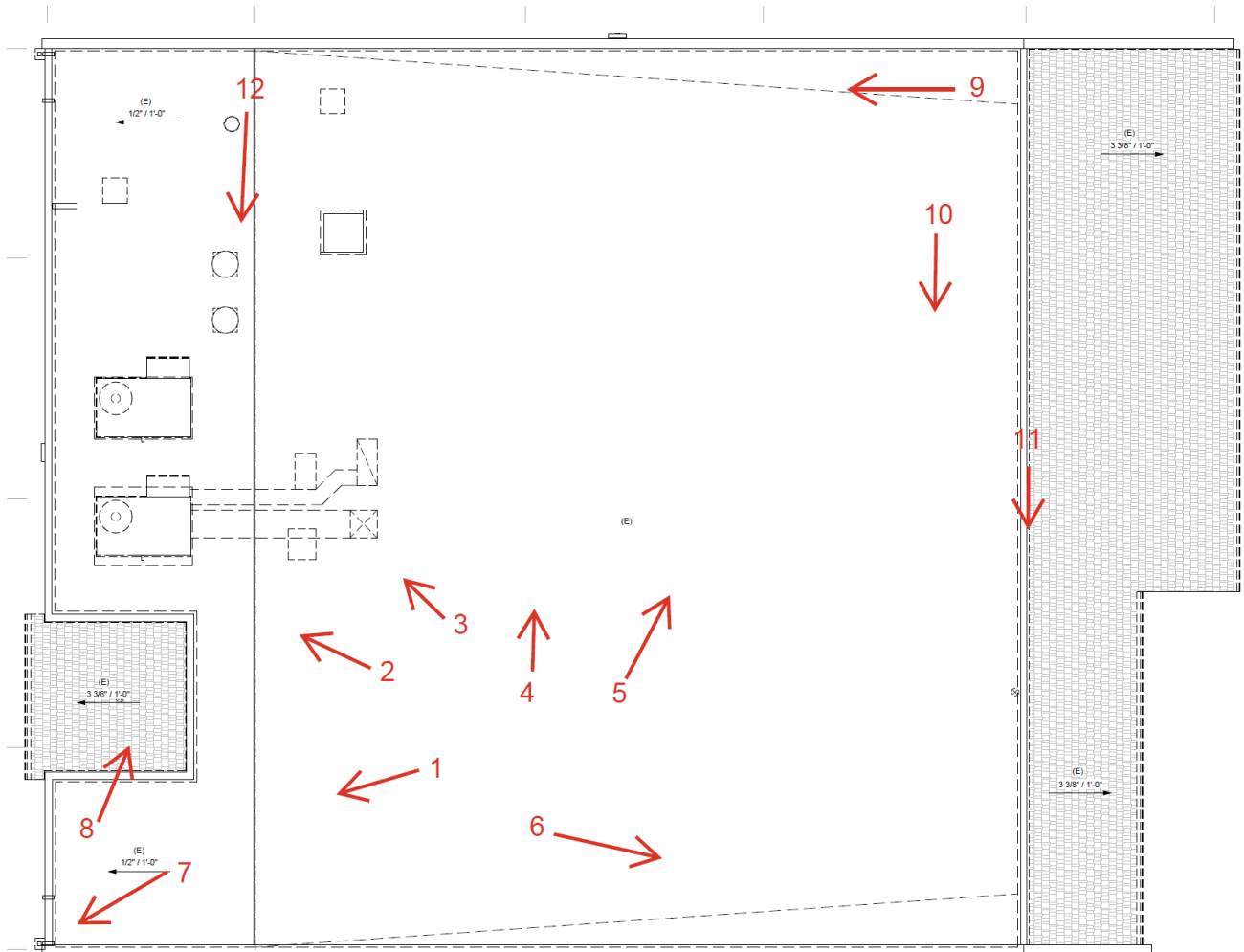
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421 E STREET TENANT IMPROVEMENT

421 E ST. SANTA ROSA, CALIFORNIA 95401

421 E STREET
ROOFTOP PHOTOS

KEY PLAN:



N -

FOR REFERENCE ONLY - NOT TO SCALE



PICTURE 1: SOUTHWEST



PICTURE 2: WEST



PICTURE 3: NORTHWEST



PICTURE 4: NORTH



PICTURE 5: NORTHEAST



PICTURE 6:



PICTURE 7:



PICTURE 8:



PICTURE 9:



PICTURE 10:



PICTURE 11:



PICTURE 12:

