



**ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
(ZONE 7 WATER AGENCY)**

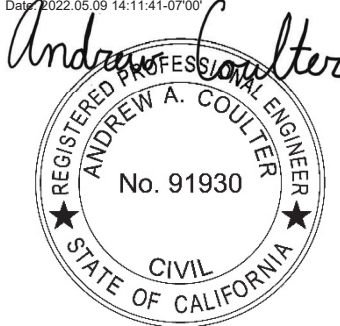
**MOCHO GROUNDWATER DEMINERALIZATION PLANT
CONCENTRATE CONDITIONING SYSTEM PROJECT**

PROJECT NO. 294-21

**ADDENDUM NO. 1
TO THE
BID DOCUMENTS**

MAY 9, 2022

Digitally signed by Andrew Appling Coulter
Contact Info: Carollo Engineers, Inc.
Date: 2022.05.09 14:11:41-07'00'



This Addendum No. 1 ("Addendum") is dated the date set forth above and modifies certain Bidding Documents issued by the Alameda County Flood Control and Water Conservation District, acting by and through its Zone 7 Water Agency ("District") in connection with the District's Mocho Groundwater Demineralization Plant Concentrate Conditioning System Project, Project No. 294-21. As of this date, there are no other amendments to the Bidding Documents other than expressly contained in this Addendum No. 1.

The following clarifications and/or modifications shall be incorporated into plans and specifications for the above-referenced project shall become part of the Contract Documents. All other provisions and requirements shall remain unchanged.

Please be reminded that all bidders shall acknowledge receipt of this Addendum No. 1 in Document 00400 (Bid Form) and failure to acknowledge addendum in the Bid Form may render the bid non-responsive and may be cause for its rejection.

Acknowledgement of receipt of Addendum No. 1 for the Mocho Groundwater Demineralization Plant Concentrate Conditioning System Project, Project No. 294-21.

Please also sign and email a copy of this page to Athena Watson, Zone 7 Water Agency, at awatson@zone7water.com to acknowledge receipt of Addendum No. 1 for this project.

Signature and Print Name

Date

Company

SPECIFICATIONS

The following sections have been modified as indicated below:

1. DOCUMENT 00200 - INSTRUCTIONS TO BIDDERS:
 - a. REPLACE the last sentence of Paragraph 3 BID SUBMISSION with the following text:

“Due to COVID-19, no bid documents are available at the District’s offices for viewing or purchase. Bidding Documents are located online on the District’s website at www.zone7water.com where Bidders may download copies for no fee. Bidders must complete the web form to download plans and specifications from District’s website to be put on the Planholder’s List. If a Bidder fails to be put on the Planholder’s List as required, the District reserves the right to reject the Bid as non-responsive.”
2. DOCUMENT 00450 - STATEMENT OF QUALIFICATIONS FOR CONSTRUCTION WORK:
 - a. REPLACE document in its entirety with the attached document.
3. DOCUMENT 00800 - SUPPLEMENTARY CONDITIONS - DIVISION 0:
 - a. INSERT the following at the end of the document:

“16.14 Water Availability and Disposal

Contractor should assume no water is available onsite for use. Contractor should assume all water needed to complete this project will need to be hauled to the site at the Contractor’s expense. Water, including wastewater, may not be disposed on site through the onsite catchbasins, storm drain, sewer system, or land application. All water and wastewater must be collected and transported offsite to a facility that will accept it. Properly dispose of water and wastewater in accordance with Federal, State, and local requirements and permits and in such manner that it will not be a menace to public health and safety. If the wastewater is considered hazardous, contractor must provide disposal manifest to the District. Submit water supply, collection, and disposal plan to District and Engineer for approval prior to beginning work.”

4. SECTION 01800 - SUPPLEMENTARY CONDITIONS - DIVISION 1:

- a. INSERT the following after Part 6 and renumber subsequent parts:

"7. MODIFICATIONS TO SECTION 01770 (CONTRACT CLOSEOUT)

Insert this new Subsection 1.12 after existing Subsection 1.11:

"1.12 ASSET MANAGEMENT EQUIPMENT IDENTIFICATION TAGS

- A. Furnish and install equipment identification tags on all mechanical equipment and instrumentation installed as part of this project (e.g., valves, pumps, flow meters, level elements, tanks, etc.).
- B. Tags:
1. Material:
 - a. Outdoor Locations: 316 SST
 - 1) Dimensions:
 - i. Length: 3.25-inches (or longer if needed to accommodate text).
 - ii. Height: 1-inch.
 - iii. Thickness: 0.04-inches.
 - 2) Labels: Engraved with equipment tag number.
 - i. Letter height: 0.5-inches – 0.75-inches tall.
 - ii. Approximately 13 letters per tag.
 - 3) Fasteners for attaching tags to equipment:
 - i. Attach tags to equipment via 316 SST braided wire cables with 316 SST crimps.
 - b. Indoor Locations: Engraved Phenolic Plastic Equipment Nameplates Manufactured by Seton Nameplate Corporation, New Haven, Connecticut; Emed Company, Buffalo, NY; or approved equal.
 - 1) Dimensions:
 - i. Length: 3.25-inches.
 - ii. Height: 1-inch.
 - iii. Thickness: 0.0625-inches.
 - 2) Labels: Engraved with equipment tag number.
 - i. Letter height: 0.5-inches – 0.75-inches tall.
 - ii. Approximately 13 letters per tag.
 - 3) Fasteners for attaching tags to equipment:
 - i. Attach tags to equipment with 316 SST beaded chain fasteners.
 - 4) Label Colors: To be selected by District from manufacturer's standard color chart.

2. Label Text:

- a. Equipment tag names per the following table and to be confirmed by the Engineer prior to Contractor ordering them:

Table 1: Equipment Tags

Equipment Tag	Description
LE_85011	Tuning fork - Level High - Chemical Containment Sump
LE_85010	Tuning fork - Level Low - Chemical Containment Sump
PMP_85010	Sump Pump - Chemical Containment
EWB_85021	Tankless Hot Water Heater
FE_85021	Flow Element for Emergency Shower / Eyewash
LE_85122	Level Element - Radar PTOF - Sulfuric Acid Storage Tank
LE_85213	Level Element - Float - Sulfuric Acid Storage Tank
EDR_85121	Electric Actuator - Sulfuric Acid Storage Tank Outlet Isolation Valve
VLV_85121	Ball valve - Sulfuric Acid Storage Tank Outlet Isolation Valve - Actuated
LI_85216	Level Indicator - Sight Glass - Sulfuric Acid Storage Tank
VLV_85146	Air Relief Valve - Sump Pump Discharge Piping
VLV_85131	Ball Valve - Air Relief Valve Isolation Valve
VLV_85138	Ball Check Valve - Sump Pump Discharge Piping
VLV_85139	Ball Valve - Sump Pump Discharge Piping
VLV_85141	Ball Valve - Back Flow Preventer Upstream Isolation Valve
VLV_85142	Ball Valve - Back Flow Preventer Downstream Isolation Valve
VLV_85143	Ball Valve - Tankless Hot Water Heater Isolation Valve
VLV_85144	Back Flow Preventer - Tankless Hot Water Heater
VLV_85145	Pressure Reducing Valve - Tankless Hot Water Heater
VLV_85132	Ball Valve - Sulfuric Acid Fill Station Piping
VLV_85133	Ball Valve - Sulfuric Acid Fill Station Drain Piping
VLV_85134	Ball Valve - Sulfuric Acid Storage Tank Overflow Piping P-Trap Drain
VLV_85135	Ball Valve - Sulfuric Acid Storage Tank Overflow Piping P-Trap Fill

Equipment Tag	Description
VLV_85136	Ball Valve - Sulfuric Acid Storage Tank Drain Isolation Valve
VLV_85147	Ball valve - Sight Glass Upper Isolation Valve
VLV_85148	Ball valve - Sight Glass Lower Isolation Valve
VLV_85137	Ball Valve - Sulfuric Acid Storage Tank Outlet Isolation Valve - Manual
VLV_85251	Ball Valve - Sulfuric Acid Metering Pump Skid Inlet Isolation Valve
VLV_85252	Ball Valve - Strainer Isolation Valve
STR_85284	Strainer - Sulfuric Acid Metering Pump Skid
VLV_85253	Ball Valve - Sulfuric Acid Metering Pump Skid Drain
VLV_85254	Ball Valve - Sulfuric Acid Metering Pump Skid Inlet Isolation Valve
VLV_85255	Ball Valve - Strainer Isolation Valve
STR_85285	Strainer - Sulfuric Acid Metering Pump Skid
VLV_85258	Ball Valve - Sulfuric Acid Metering Pump Skid Calibration Column Metering Pump Skid
VLV_85256	Ball Valve - Sulfuric Acid Metering Pump Skid Drain
VLV_85257	Ball Valve - Sulfuric Acid Metering Pump Skid Calibration Column Metering Pump Skid
VLV_85261	Ball Valve - Sulfuric Acid Metering Pump Skid
VLV_85265	Ball Valve - Sulfuric Acid Metering Pump Skid
PMP_85211	Sulfuric Acid Metering Pump No. 1
VLV_85272	Pressure Relief Valve - Sulfuric Acid Metering Pump Skid
VLV_85259	Ball Valve - Sulfuric Acid Metering Pump Skid Pulsation Dampener Isolation Valve
VLV_85260	Ball Valve - Sulfuric Acid Metering Pump Skid Drain
PDAM_85211	Pulsation Dampener - Sulfuric Acid Metering Pump Skid
VLV_85276	Ball Valve - Sulfuric Acid Metering Pump Skid Pressure Gauge Isolation Valve
VLV_85277	Ball Valve - Sulfuric Acid Metering Pump Skid Pressure Switch Isolation Valve
VLV_85278	Ball Valve - Sulfuric Acid Metering Pump Skid Pressure Switch Isolation Valve

Equipment Tag	Description
VLV_85279	Ball Valve - Sulfuric Acid Metering Pump Skid Drain
PMP_85221	Sulfuric Acid Metering Pump No. 2
PI_85211	Pressure Gauge - Sulfuric Acid Metering Pump Skid
PE_85211	Pressure switch - Sulfuric Acid Metering Pump Skid
VLV_85274	Backpressure Valve - Sulfuric Acid Metering Pump Skid
VLV_85273	Pressure Relief Valve - Sulfuric Acid Metering Pump Skid
VLV_85262	Ball Valve - Sulfuric Acid Metering Pump Skid Pulsation Dampener Isolation Valve
VLV_85263	Ball Valve - Sulfuric Acid Metering Pump Skid Drain
PDAM_85211	Pulsation Dampener - Sulfuric Acid Metering Pump Skid
VLV_85280	Ball Valve - Sulfuric Acid Metering Pump Skid Pressure Gauge Isolation Valve
VLV_85281	Ball Valve - Sulfuric Acid Metering Pump Skid Pressure Switch Isolation Valve
VLV_85282	Ball Valve - Sulfuric Acid Metering Pump Skid Pressure Switch Isolation Valve
VLV_85283	Ball Valve - Sulfuric Acid Metering Pump Skid Drain
VLV_85275	Backpressure Valve - Sulfuric Acid Metering Pump Skid
PI_85211	Pressure Gauge - Sulfuric Acid Metering Pump Skid
PE_85211	Pressure switch - Sulfuric Acid Metering Pump Skid
VLV_85264	Ball Valve - Sulfuric Acid Metering Pump Skid Isolation Valve
VLV_85266	Ball Valve - Sulfuric Acid Metering Pump Skid Isolation Valve
FBV_85267	Ball valve - Coriolis Flow Meter Drain
VLV_85268	Ball valve - Coriolis Flow Meter Isolation Valve
VLV_85269	Ball valve - Coriolis Flow Meter Isolation Valve
VLV_85270	Ball valve - Coriolis Flow Meter Bypass Valve
FBV_85271	Ball valve - Coriolis Flow Meter Drain

Equipment Tag	Description
FE_85231	Coriolis Flow Meter
EF_85401	Exhaust Fan No. 1
EF_85402	Exhaust Fan No. 1
VLV_85241	Ball Valve - Secondary Containment Piping Drain Valve
LE_85241	Tuning fork - Secondary Containment Leak Detection
VLV_85242	Ball Valve - Backpressure Valve Isolation Valve
VLV_85243	Ball Valve - Backpressure Valve Bypass Valve
VLV_85244	Ball Valve - Backpressure Valve Isolation Valve
VLV_85245	Backpressure Valve - Sulfuric Acid Supply
VLV_85246	Ball Check Valve - Sulfuric Acid Injection Quill
AE_463	CL-17 Analyzer
ROT_85249	Rotameter
VLV_85247	Ball Valve
VLV_85248	Diaphragm Valve

5. SECTION 26_05_00 - COMMON WORK RESULTS FOR ELECTRICAL:
 - a. DELETE subparagraph 3.07 D. 2 and Table 1 titled "Source Testing and Owner Training Requirements".
6. SECTION 31_23_19 - DEWATERING:
 - a. REPLACE subparagraph 1.04 A. 5. with the following:

"Identify proposed alignment, support, and protection for discharge pipe. Provide disposal plan for the pumped groundwater. Disposal of the groundwater to the onsite catchbasins, storm drain, sewer system, or land application system is not permitted. All pumped groundwater must be collected and transported offsite to a facility that will accept it. Properly dispose of the groundwater in accordance with Federal, State, and local requirements and permits and in such manner that it will not be a menace to public health and safety. Submit groundwater disposal plan to District and Engineer for approval prior to beginning work."
 - b. REPLACE subparagraph 3.01 F. 4. with the following:

"For discharge of water into holding tanks, include a means of overflow protection that is acceptable to Engineer."
7. SECTION 40_05_00.09 - PIPING SYSTEMS TESTING:
 - a. REPLACE subparagraph 1.03 G. with the following:

"Test water disposal: Disposal of the test water to the onsite catchbasins, storm drain, sewer system, or land application is not permitted. All test water

must be collected for disposal offsite and transported offsite to a facility that will accept it. Properly dispose of the test water in accordance with Federal, State, and local requirements and permits and in such manner that it will not be a menace to public health and safety. Submit test water disposal plan to District and Engineer for approval prior to beginning work."

DRAWINGS

The following Drawings have been modified as indicated below:

1. DRAWING G01:
 - a. ADD the text "MOCHO GROUNDWATER DEMINERALIZATION PLANT" immediately above the text "CONCENTRATE CONDITIONING PROJECT".
2. DRAWING G07:
 - a. REVISE the two references made to Section 01_45_24 to refer to Section 01452 instead.
3. DRAWING SO2:
 - a. REVISE Key Note 3 to read: "Ledger angles and their anchorage to support grating are not shown. For bid purposes consider L4x4x3/8 with 3/4" Ø anchor bolt spaced at 24 inches along the perimeter of wall and tank pedestal. Angles and anchor bolts to be 316 SST."
4. DRAWING M01:
 - a. REVISE the reference made in General Note 5 to Section 01_77_00 to refer to Sections 01770 and 01800 instead.
5. DRAWING M05:
 - a. REVISE the reference made in General Note 3 to Section 01_77_00 to Sections 01770 and 01800 instead.
6. DRAWING M07:
 - a. REVISE the reference made in General Note 6 to Section 01_77_00 to Sections 01770 and 01800 instead.
7. DRAWING M07:
 - a. ADD Key Note 17: "EXISTING CHLORINE ANALYZER."
 - b. ADD Key Note 18: "NEW CHLORINE ANALYZER (EQUIPMENT TAG WM04_AE_463) MUST BE OPERATIONAL BEFORE THE EXISTING CHLORINE ANALYZER IS REMOVED FROM SERVICE."

BID DOCUMENTS

ATTACHMENT A SPECIFICATIONS

The following Specification Documents and Sections are attached to Addendum 1 and are made a part of the Contract either as new documents or replacing existing documents.

1. DOCUMENT 00450 – STATEMENT OF QUALIFICATIONS.

ATTACHMENT B DRAWINGS

The following Drawings are attached to Addendum 1 and are made a part of the Contract either as new drawings or replacing existing drawings.

1. DRAWING G01.
2. DRAWING G07.
3. DRAWING SO2.
4. DRAWING M01.
5. DRAWING M05.
6. DRAWING M07.

DOCUMENT 00450**STATEMENT OF QUALIFICATIONS FOR CONSTRUCTION WORK****1. GENERAL INFORMATION**

- A. In Document 00100 (Advertisement for Bids) the Alameda County Flood Control and Water Conservation District, acting by and through its Zone 7 Water Agency ("District"), has indicated that it will receive sealed Bids for the Contract for the construction of the **Mocho Groundwater Demineralization Plant, Concentrate Conditioning System Project, No. 294-21**. The Contract will require Contractor to construct the Project, all in accordance with the scope of Work set forth in the Contract.
- B. District will accept Bids only from Bidders duly licensed in accordance with the California Business & Professions Code. Additionally, Bidder shall meet the following requirements in order to have a responsive bid.
1. In the five (5) years immediately preceding the submission of the Bid, the bidder shall have worked continuously as an operating entity. If the Bidder is a joint venture, each joint venture partner shall have operated as a contractor with required licenses for five (5) years immediately preceding the submission of the Bid.
 2. Within the last five (5) years, the Bidder shall have completed two (2) construction projects with a contract dollar amount of at least **\$2,500,000** for each project. Each project shall also include:
 - A. Installation of a chemical storage and feed system at a water or wastewater facility; AND
 - B. Construction of a concrete masonry unit (CMU) building (by the Bidder or their subcontractor)^{AD1}; AND
 - C. Coordination with an electrical subcontractor.
 3. Bidder's Project Manager/Superintendent shall have a minimum of five (5) years of experience in the relevant scope of work of this project and have completed two (2) construction projects with a contract dollar amount of at least **\$2,500,000** for each project. Each project shall also include:
 - A. Installation of a chemical storage and feed system at a water or wastewater facility; AND
 - B. Construction of a concrete masonry unit (CMU) building (by the Bidder or their subcontractor)^{AD1}; AND
 - C. Coordination with an electrical subcontractor; AND
 - D. The individual named Project Manager for this bid held the position of Project Manager / Superintendent for each project.

- C. The required experience of the Project Manager/Superintendent shall be submitted by providing the information described in paragraph 3 of this Document 00450.

2. REQUIRED CONTENTS OF SOQ SUBMISSION

- A. Completed Questionnaire. Bidder shall include a completed "Statement of Qualification Questionnaire" in the form attached to this Document 00450 as Attachment "A".

STATEMENT OF QUALIFICATIONS QUESTIONNAIRE, ATTACHMENT "A", FOLLOWS ON
NEXT PAGE

ATTACHMENT "A" -- STATEMENT OF QUALIFICATION QUESTIONNAIRE

Bidders shall complete the entire Statement of Qualification Questionnaire and submit it in accordance with Document 00200 (Instructions to Bidders) and Document 00450 (Statement of Qualifications). Failure to complete the questionnaire or inclusion of any false or erroneous statement(s) may render the Bid nonresponsive or affect the District's determination of a Bidder's responsibility.

CONTACT INFORMATION

Firm Name: _____ Check One: Corporation
(as it appears on license) Partnership
Sole Prop.

Corporate Tax Identification Number: _____

Contact Person: _____

Address: _____

Phone: _____ Fax: _____

E-mail Address: _____

If firm is a sole proprietor or partnership:

Owner(s) of Company _____

Prospective Bidder's License Number(s):

PART A: GENERAL INFORMATION

Complete Part A before proceeding to Part B.

1. Has the Bidder continuously possessed a valid California Contractor's "A" license for the five years immediately preceding submission of the bid? Yes _____ No _____
2. Does Bidder possess a valid and current California Public Works Contractor Registration number? Yes _____ No _____
3. Does Bidder have the capability to meet insurance requirements per Document 00821, Insurance? Yes _____ No _____
4. Does Bidder have the capability to provide bonds as required in Document 00700 General Conditions? Yes _____ No _____^{AD1}

Bidder's bid will be automatically disqualified if any answer to questions 1, 2, 3 or 4 is "No".

Yes _____ No _____^{AD1}

5. Has Bidder's California contractor's license been revoked at any time in the last five (5) years? Yes _____ No _____
6. Has Bidder been "default terminated" by an owner (other than for convenience), or has a Surety completed a contract for Bidder within the last five years? Yes _____ No _____
7. Has Bidder been cited more than three (3) times for failure to pay prevailing wages in the last five (5) years? Yes _____ No _____

Bidder's bid will be automatically disqualified if any answer to questions 5, 6 or 7 is "Yes", unless compelling evidence of non-culpability is provided which District may evaluate in its sole discretion.

PART B: SAFETY, PREVAILING WAGE, DISPUTES AND BONDS

SAFETY:

Zone 7 finds worker-safety to be of utmost importance and therefore requires its Contractors to demonstrate that it possesses the skill and experience to foresee and to adopt protective measures to adequately and safely perform the construction work with respect to such hazards. Bidder acknowledges that there are certain inherent conditions

existent in the construction of the particular facilities which may create, during the construction program, unsafe conditions hazardous to persons and property. The following information will be used to determine if Bidders meet the minimum safety requirements for this project.

1. To qualify to bid and be awarded the project Bidder must not have been cited by CAL OSHA for any "serious," "willful," or "repeat" violations of its safety or health regulations more than three (3) times in the past five (5) years, unless compelling evidence of non-culpability is provided which Zone 7 may evaluate in its sole discretion. Similarly, Bidder must not have been cited by the federal OSHA for more than three (3) violations in the past five (5) years, unless compelling evidence of non-culpability is provided which Zone 7 may evaluate in its sole discretion

(a) Has CAL OSHA cited your firm for any "serious," "willful," or "repeat" violations of its safety or health regulations in the last five (5) years?

Yes _____ No _____

If the answer is "Yes," attach description of each citation and a detailed explanation of the circumstances. **(If answer is "Yes," and the number of citations exceed three (3), Bidder's bid will be automatically disqualified, unless compelling evidence of non-culpability is provided which District may evaluate in its sole discretion.)**

(b) Has the federal OSHA cited and assessed penalties against your firm in the last five (5) years?

Yes _____ No _____

If the answer is "Yes," attach description of each citation and a detailed explanation of the circumstances. **(If answer is "Yes," and the number of citations exceed three (3), Bidder's bid will be automatically disqualified, unless compelling evidence of non-culpability is provided which District may evaluate in its sole discretion.)**

2. How often does Bidder require documented safety meetings be held for:

Field Supervisor	Weekly _____	Bi-weekly _____	Monthly _____	Less than monthly _____
Employees	Weekly _____	Bi-weekly _____	Monthly _____	Less than monthly _____
New Hires	Weekly _____	Bi-weekly _____	Monthly _____	Less than monthly _____
Subcontractors	Weekly _____	Bi-weekly _____	Monthly _____	Less than monthly _____

3. How often does Bidder conduct documented safety inspections?
 Quarterly _____ Semi-annually _____ Annually _____ Other _____

4. Does Bidder have home office safety representatives who visit/audit the job site?
Quarterly ____ Semi-annually ____ Annually ____ Other ____

5. (a) List Bidder's Interstate Experience Modification Rate for the last five years.

2017: _____

2018: _____

2019: _____

2020: _____

2021: _____

(b) Use Bidder's last year's Cal/OSHA 300 log to fill in the following:

i) Number of lost workday cases _____

ii) Number of medical treatment cases _____

iii) Number of fatalities _____

(c) Employee hours worked last year _____

(d) State the name of Bidder's safety engineer/manager or Site Safety Officer (for this Project):

PREVAILING WAGE AND LABOR CODE PROVISIONS

6. Has Bidder been fined, penalized or otherwise found to have violated any prevailing wage or labor code provision?

Yes ____ No ____ If "Yes", attach detailed description of each occurrence.

LICENSE PROVISIONS

7. Has Bidder changed names or license numbers in the past 10 years?

Yes ____ No ____

If "Yes", please state reason for change, previous name and/or license number:

DISPUTES

8. Have any claims or legal actions been filed against Bidder in court or arbitration in the past five years? Yes _____ No _____.

If Bidder answers "Yes" Bidder shall identify any claims or legal action filed in court or arbitration against Bidder in the past five years which concerned Bidder's work on a construction project. For each claim, if any, the Bidder shall provide the project name, date of the claim, name of the claimant, a brief description of the nature of the claim, the court in which the case was filed and a brief description of the status of the claim (pending or, if resolved, a brief description of the resolution). Are there any pending claims against your company that should you lose the claim(s), would adversely affect your financial position or your ability to meet your obligations if awarded the contract for this project? If so, please explain.

9. Have any claims or legal actions been filed by Bidder against a project owner in the past five years? Yes _____ No _____

If Bidder answers "Yes", Bidder shall identify any claims or legal actions filed in court or arbitration by Bidder against a project owner in the past five years concerning work on a project or payment for a contract. For each claim, if any, the Bidder shall provide the project name, date of the claim, a brief description of the nature of the claim, the court in which the case was filed and a brief description of the status of the claim (pending or, if resolved, a brief description of the resolution). Are there any pending claims filed by your company against a project owner that should you lose the claim(s), would adversely affect your financial position or your ability to meet your obligations if awarded the contract for this project? If so, please explain.

PART C: FINANCIAL, INSURANCE, AND BONDING

1. Has Bidder ever reorganized under the protection of the bankruptcy laws?
Yes____ No ____ If yes, please state when _____

2. Has Bidder ever had insurance terminated by a carrier within the last five years?
Yes ____ No ____

If yes, explain below with correlating cross-reference to this paragraph of the questionnaire.

3. Bonding Capacity - Provide documentation from Bidder's surety identifying the following:

Name of bonding company/surety: _____

Name of Surety Agent: _____

Surety Agent address: _____

Surety Agent phone number: _____

Is surety a California-admitted surety? Yes ____ No ____

What is Bidder's total bonding capacity? _____

What percentage rate does Bidder pay for bonds? _____

PART D: EXPERIENCE

Summarize project experience below and provide the detailed project information requested.

EXPERIENCE OF PRIME CONTRACTOR/FIRM: Bidder shall provide information for at least two (2) completed construction projects within the last five (5) years with a contract dollar amount of at least \$2,500,000 for each project. Each project shall also include

- A. Installation of a chemical storage and feed system at a water or wastewater facility; AND
- B. Construction of a concrete masonry unit (CMU) building (by the Bidder or their subcontractor)^{AD1}; AND
- C. Coordination with an electrical subcontractor.

Names and references shall be current and verifiable. If a separate sheet is used, it shall contain all of the following information:

1. Project Name: _____

Location: _____

Owner: _____

Owner Contact (name, phone number and email): _____

Architect/Engineer: _____

Architect/Engineer Contact (name and phone number): _____

Const. Mgr. or Project Mgr. (name and phone number): _____

Description of Project, Scope of Work Performed, Describe how project demonstrates required experience: _____

Total Construction Cost: _____

Total Change Order Amount: _____

Original Scheduled Date of Completion: _____

Time Extensions Granted (number of Days): _____

Actual Date of Completion: _____

Number of Stop Notices filed by subcontractors or suppliers:_____

2. Project Name: _____

Location:_____

Owner:_____

Owner Contact (name and phone number):_____

Architect/Engineer:_____

Architect/Engineer Contact (name and phone number):_____

Const. Mgr. or Project Mgr. (name and phone number):_____

Description of Project, Scope of Work Performed, Describe how project demonstrates required experience:_____

Total Construction Cost:_____

Total Change Order Amount:_____

Original Scheduled Date of Completion:_____

Time Extensions Granted (number of Days):_____

Actual Date of Completion:_____

Number of Stop Notices filed by subcontractors or suppliers:_____

EXPERIENCE OF PROJECT MANAGER/SUPERINTENDENT: Bidder shall name below the Project Manager/Superintendent who will be assigned to this Project.

Name of Project Manager: _____

Number of Years of Total Construction Experience as a Project Manager/Superintendent: _____

Number of Years as a Project Manager for your company: _____ years

As it relates to the Project Manager/Superintendent, Bidder shall submit information for at least two (2) completed construction projects within the last five (5) years with a contract dollar amount of at least \$2,500,000 for each project. Each project shall also include

- A. Installation of a chemical storage and feed system at a water or wastewater facility; AND
- B. Construction of a concrete masonry unit (CMU) building (by the Bidder or their subcontractor)^{AD1}; AND
- C. Coordination with an electrical subcontractor; AND
- D. The individual named Project Manager for this Bid held the position of Project Manager / Superintendent for each project.

1. Project Name: _____

Location: _____

Owner: _____

Owner Contact (name, phone number and email): _____

Architect/Engineer: _____

Architect/Engineer Contact (name and phone number): _____

Const. Mgr. or Project Mgr. (name and phone number): _____

Description of Project, Scope of Work Performed, Describe how project manager/superintendent demonstrates required experience: _____

Total Construction Cost: _____

Total Change Order Amount: _____

Original Scheduled Date of Completion:_____

Time Extensions Granted (number of Days):_____

Actual Date of Completion:_____

Number of Stop Notices filed by subcontractors or suppliers:_____

2.Project Name: _____

Location:_____

Owner:_____

Owner Contact (name and phone number):_____

Architect/Engineer:_____

Architect/Engineer Contact (name and phone number):_____

Const. Mgr. or Project Mgr. (name and phone number):_____

Description of Project, Scope of Work Performed, Describe how project manager/
superintendent demonstrates required experience:_____

Total Construction Cost:_____

Total Change Order Amount:_____

Original Scheduled Date of Completion:_____

Time Extensions Granted (number of Days):_____

Actual Date of Completion:_____

Number of Stop Notices filed by subcontractors or suppliers:_____

Bidder hereby declares under penalty of perjury that all the information provided in this questionnaire is true and correct.

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^{AD1} Addendum No. 1

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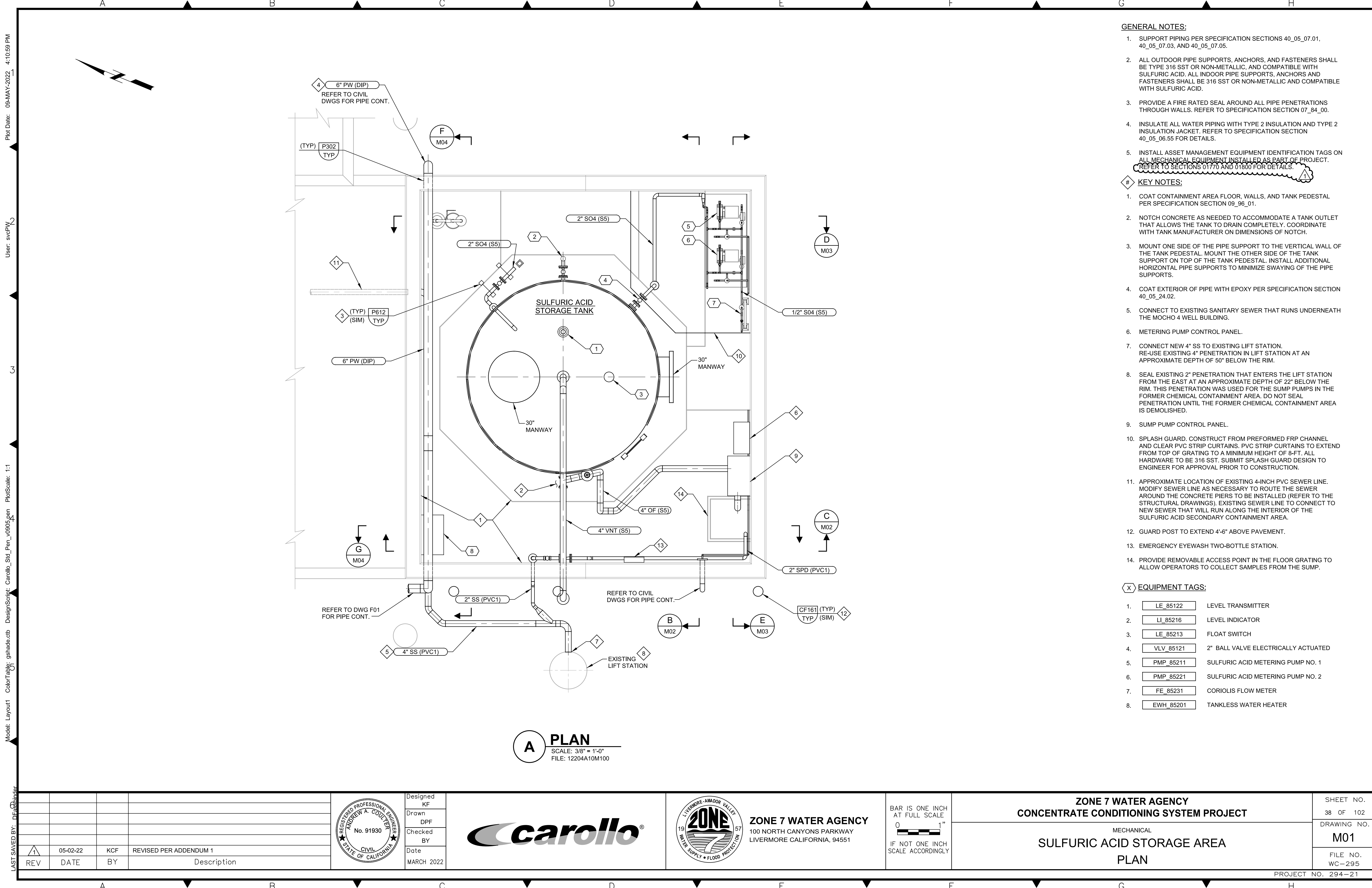
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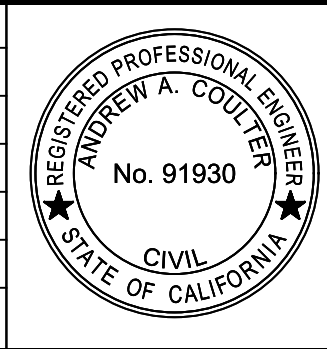
- GENERAL NOTES:**
- SUPPORT PIPING PER SPECIFICATION SECTIONS 40_05_07.01, 40_05_07.03, AND 40_05_07.05.
 - ALL OUTDOOR PIPE SUPPORTS, ANCHORS, AND FASTENERS SHALL BE TYPE 316 SST OR NON-METALLIC, AND COMPATIBLE WITH SULFURIC ACID. ALL INDOOR PIPE SUPPORTS, ANCHORS AND FASTENERS SHALL BE 316 SST OR NON-METALLIC AND COMPATIBLE WITH SULFURIC ACID.
 - PROVIDE A FIRE RATED SEAL AROUND ALL PIPE PENETRATIONS THROUGH WALLS. REFER TO SPECIFICATION SECTION 07_84_00.
 - INSULATE ALL WATER PIPING WITH TYPE 2 INSULATION AND TYPE 2 INSULATION JACKET. REFER TO SPECIFICATION SECTION 40_05_06.55 FOR DETAILS.
 - INSTALL ASSET MANAGEMENT EQUIPMENT IDENTIFICATION TAGS ON ALL MECHANICAL EQUIPMENT INSTALLED AS PART OF PROJECT. REFER TO SECTIONS 01770 AND 01800 FOR DETAILS.

- # KEY NOTES:**
- COAT CONTAINMENT AREA FLOOR, WALLS, AND TANK PEDESTAL PER SPECIFICATION SECTION 09_96_01.
 - NOTCH CONCRETE AS NEEDED TO ACCOMMODATE A TANK OUTLET THAT ALLOWS THE TANK TO DRAIN COMPLETELY. COORDINATE WITH TANK MANUFACTURER ON DIMENSIONS OF NOTCH.
 - MOUNT ONE SIDE OF THE PIPE SUPPORT TO THE VERTICAL WALL OF THE TANK PEDESTAL. MOUNT THE OTHER SIDE OF THE TANK SUPPORT ON TOP OF THE TANK PEDESTAL. INSTALL ADDITIONAL HORIZONTAL PIPE SUPPORTS TO MINIMIZE SWAYING OF THE PIPE SUPPORTS.
 - COAT EXTERIOR OF PIPE WITH EPOXY PER SPECIFICATION SECTION 40_05_24.02.
 - CONNECT TO EXISTING SANITARY SEWER THAT RUNS UNDERNEATH THE MOCHO 4 WELL BUILDING.
 - METERING PUMP CONTROL PANEL.
 - CONNECT NEW 4" SS TO EXISTING LIFT STATION. RE-USE EXISTING 4" PENETRATION IN LIFT STATION AT AN APPROXIMATE DEPTH OF 50" BELOW THE RIM.
 - SEAL EXISTING 2" PENETRATION THAT ENTERS THE LIFT STATION FROM THE EAST AT AN APPROXIMATE DEPTH OF 22" BELOW THE RIM. THIS PENETRATION WAS USED FOR THE SUMP PUMPS IN THE FORMER CHEMICAL CONTAINMENT AREA. DO NOT SEAL PENETRATION UNTIL THE FORMER CHEMICAL CONTAINMENT AREA IS DEMOLISHED.
 - SUMP PUMP CONTROL PANEL.
 - SPLASH GUARD. CONSTRUCT FROM PREFORMED FRP CHANNEL AND CLEAR PVC STRIP CURTAINS. PVC STRIP CURTAINS TO EXTEND FROM TOP OF GRATING TO A MINIMUM HEIGHT OF 8-FT. ALL HARDWARE TO BE 316 SST. SUBMIT SPLASH GUARD DESIGN TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
 - APPROXIMATE LOCATION OF EXISTING 4-INCH PVC SEWER LINE. MODIFY SEWER LINE AS NECESSARY TO ROUTE THE SEWER AROUND THE CONCRETE PIERS TO BE INSTALLED (REFER TO THE STRUCTURAL DRAWINGS). EXISTING SEWER LINE TO CONNECT TO NEW SEWER THAT WILL RUN ALONG THE INTERIOR OF THE SULFURIC ACID SECONDARY CONTAINMENT AREA.
 - GUARD POST TO EXTEND 4'-6" ABOVE PAVEMENT.
 - EMERGENCY EYEWASH TWO-BOTTLE STATION.
 - PROVIDE REMOVABLE ACCESS POINT IN THE FLOOR GRATING TO ALLOW OPERATORS TO COLLECT SAMPLES FROM THE SUMP.

(X) EQUIPMENT TAGS:		
1.	LE_85122	LEVEL TRANSMITTER
2.	LI_85216	LEVEL INDICATOR
3.	LE_85213	FLOAT SWITCH
4.	VLV_85121	2" BALL VALVE ELECTRICALLY ACTUATED
5.	PMP_85211	SULFURIC ACID METERING PUMP NO. 1
6.	PMP_85221	SULFURIC ACID METERING PUMP NO. 2
7.	FE_85231	CORIOLIS FLOW METER
8.	EWL_85201	TANKLESS WATER HEATER

A PLAN
SCALE: 3/8" = 1'-0"
FILE: 12204A10M100

REV	DATE	BY	Description
1	05-02-22	KCF	REVISED PER ADDENDUM 1



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Drawn	DPF
Checked	BY
Date	MARCH 2022



ZONE 7 WATER AGENCY
100 NORTH CANYONS PARKWAY
LIVERMORE CALIFORNIA, 94551

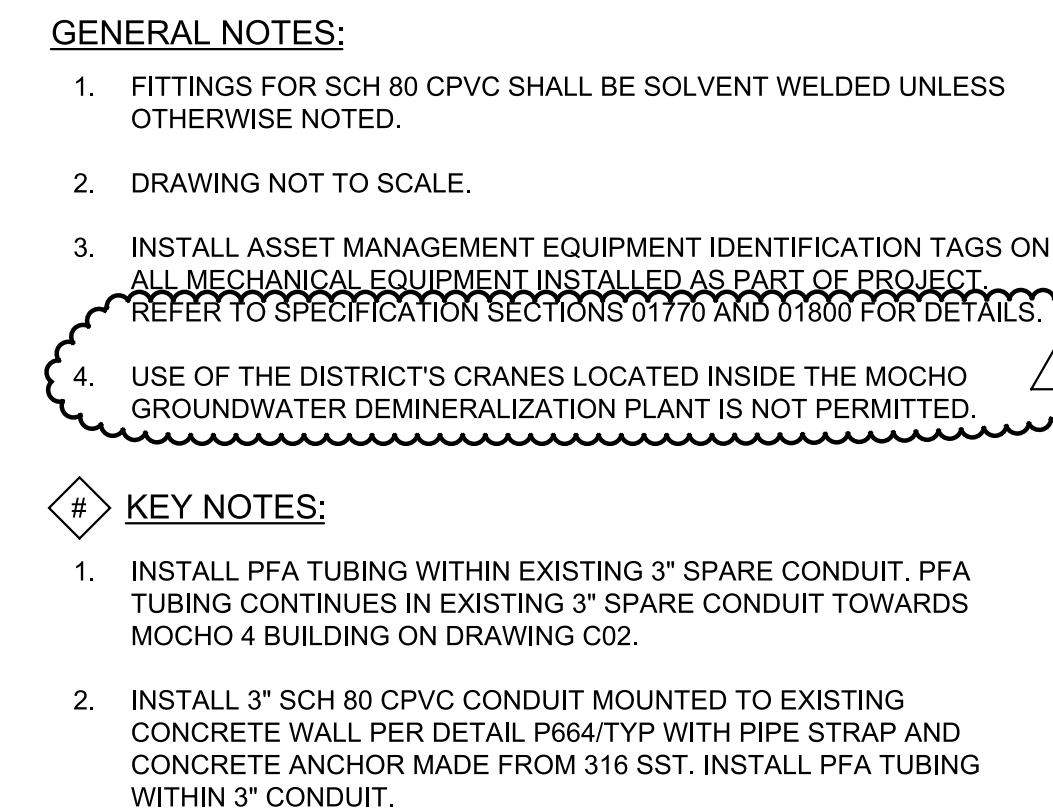
BAR IS ONE INCH AT FULL SCALE.
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IF NOT ONE INCH SCALE ACCORDINGLY

ZONE 7 WATER AGENCY
CONCENTRATE CONDITIONING SYSTEM PROJECT






MECHANICAL
SULFURIC ACID STORAGE AREA
PLAN

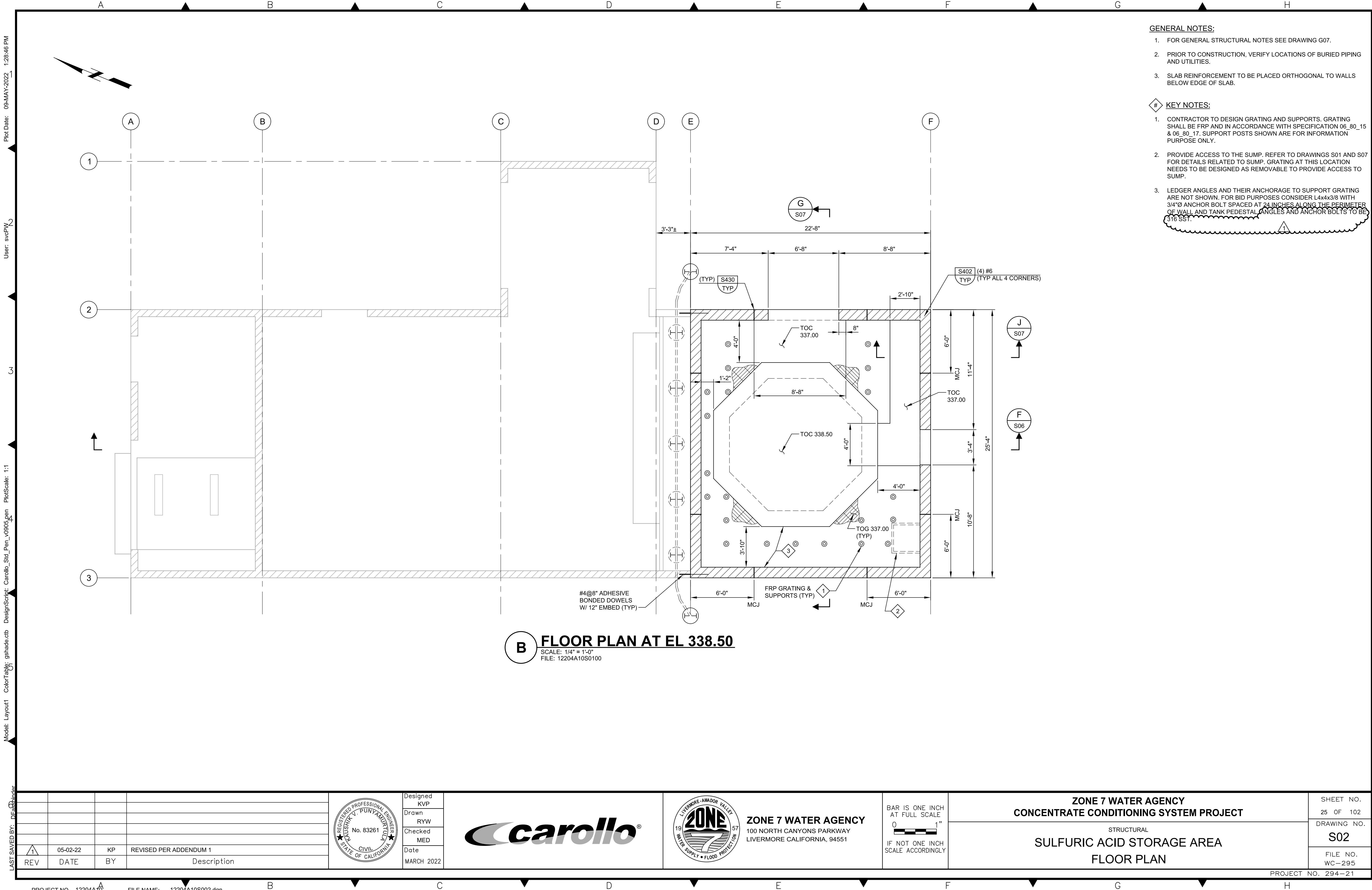
SHEET NO.	38 OF 102
DRAWING NO.	M01
FILE NO.	WC-295

PROJECT NO. 294-21



H PLAN
SCALE: NO SCALE
FILE: 12204A10M05A

DESIGNED BY: 				Designed AC		 ZONE 7 WATER AGENCY 100 NORTH CANYONS PARKWAY LIVERMORE CALIFORNIA, 94551	BAR IS ONE INCH AT FULL SCALE  IF NOT ONE INCH SCALE ACCORDINGLY	ZONE 7 WATER AGENCY CONCENTRATE CONDITIONING SYSTEM PROJECT		SHEET NO. 42 OF 102
				Drawn NGB				DRAWING NO.		
				Checked BY				MECHANICAL DEMINERALIZATION BUILDING PLAN	FILE NO. WC-295	
		05-02-22	KCF	REVISED PER ADDENDUM 1						Date MARCH 2022
REV	DATE	BY	Description							



1	05-02-22	KP	REVISED PER ADDENDUM 1
REV	DATE	BY	Description



Designed	KVP
Drawn	RYW
Checked	MED
Date	MARCH 2022



ZONE 7 WATER AGENCY
100 NORTH CANYONS PARKWAY
LIVERMORE CALIFORNIA, 94551

BAR IS ONE INCH
AT FULL SCALE.
0 1"
IF NOT ONE INCH
SCALE ACCORDINGLY

ZONE 7 WATER AGENCY
CONCENTRATE CONDITIONING SYSTEM PROJECT

STRUCTURAL
SULFURIC ACID STORAGE AREA
FLOOR PLAN

SHEET NO.	25 OF 102
DRAWING NO.	S02
FILE NO.	WC-295

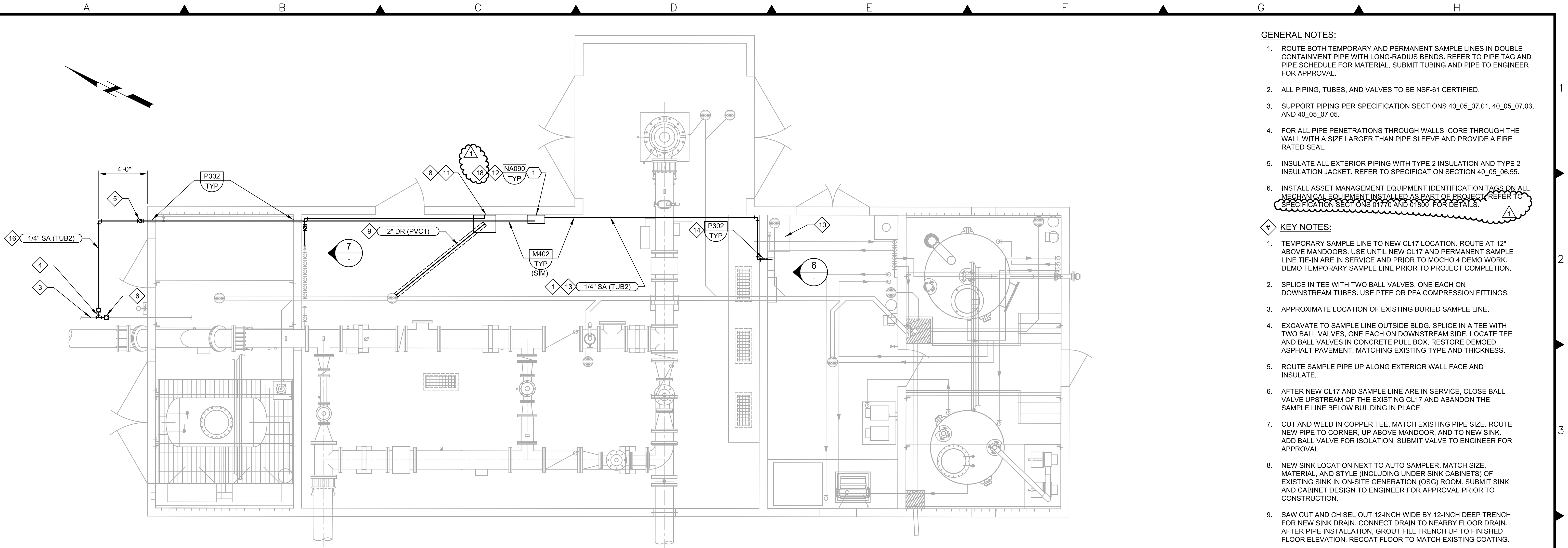
PROJECT NO. 294-21

Plot Date: 05-MAY-2022 4:15:59 PM

User: svcPW

Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Std_Pen_v0905.pen PlotScale: 1:1

LAST SAVED BY: DEAC



GENERAL NOTES:

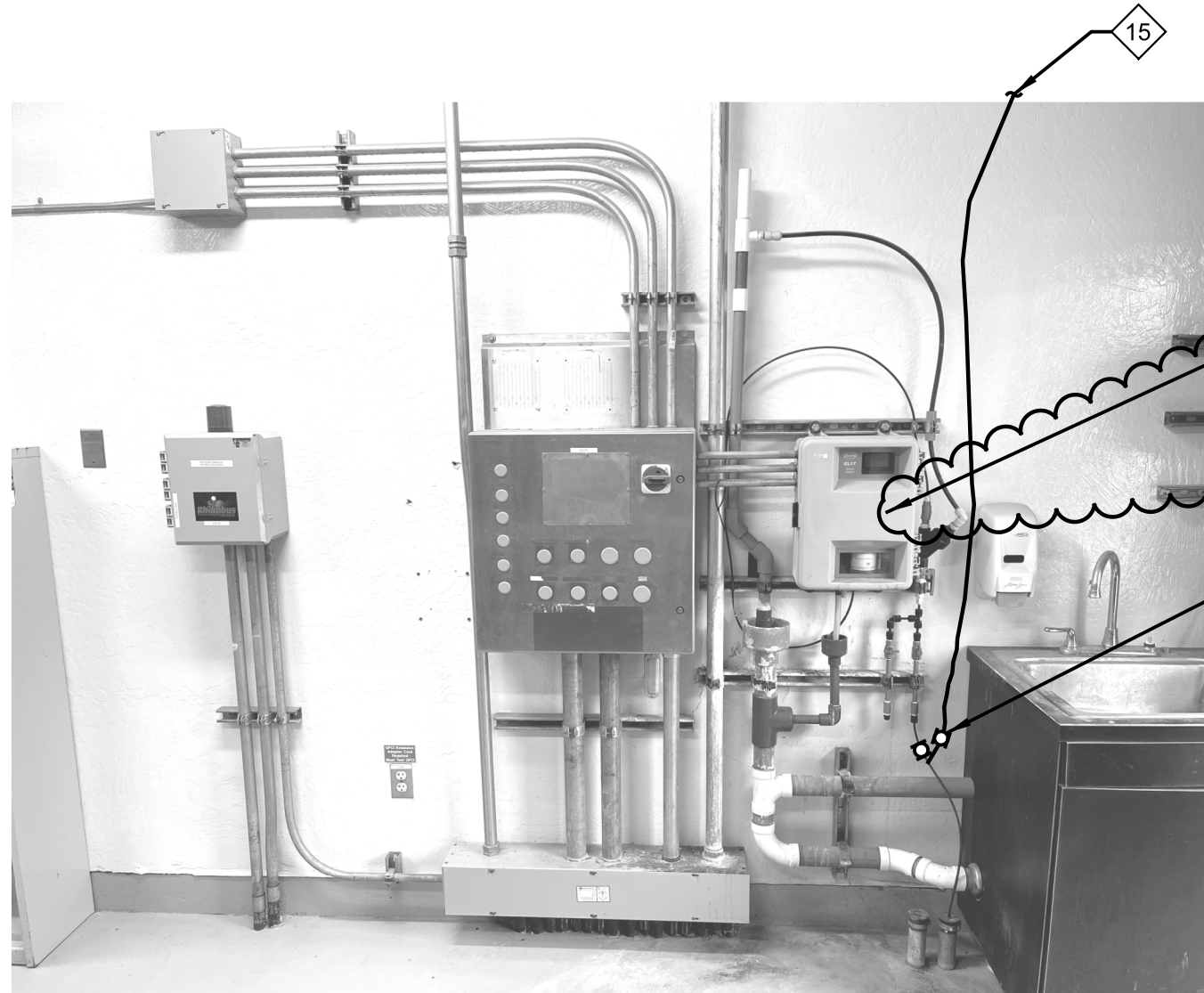
- ROUTE BOTH TEMPORARY AND PERMANENT SAMPLE LINES IN DOUBLE CONTAINMENT PIPE WITH LONG-RADIUS BENDS. REFER TO PIPE TAG AND PIPE SCHEDULE FOR MATERIAL. SUBMIT TUBING AND PIPE TO ENGINEER FOR APPROVAL.
- ALL PIPING, TUBES, AND VALVES TO BE NSF-61 CERTIFIED.
- SUPPORT PIPING PER SPECIFICATION SECTIONS 40_05_07.01, 40_05_07.03, AND 40_05_07.05.
- FOR ALL PIPE PENETRATIONS THROUGH WALLS, CORE THROUGH THE WALL WITH A SIZE LARGER THAN PIPE SLEEVE AND PROVIDE A FIRE RATED SEAL.
- INSULATE ALL EXTERIOR PIPING WITH TYPE 2 INSULATION AND TYPE 2 INSULATION JACKET. REFER TO SPECIFICATION SECTION 40_05_06.55.
- INSTALL ASSET MANAGEMENT EQUIPMENT IDENTIFICATION TAGS ON ALL MECHANICAL EQUIPMENT INSTALLED AS PART OF PROJECT (REFER TO SPECIFICATION SECTIONS 01770 AND 01800 FOR DETAILS).

KEY NOTES:

- TEMPORARY SAMPLE LINE TO NEW CL17 LOCATION. ROUTE AT 12" ABOVE MANDOORS. USE UNTIL NEW CL17 AND PERMANENT SAMPLE LINE TIE-IN ARE IN SERVICE AND PRIOR TO MOCHO 4 DEMO WORK. DEMO TEMPORARY SAMPLE LINE PRIOR TO PROJECT COMPLETION.
- SPLICE IN TEE WITH TWO BALL VALVES, ONE EACH ON DOWNSTREAM TUBES. USE PTFE OR PFA COMPRESSION FITTINGS.
- APPROXIMATE LOCATION OF EXISTING BURIED SAMPLE LINE.
- EXCAVATE TO SAMPLE LINE OUTSIDE BLDG. SPLICE IN A TEE WITH TWO BALL VALVES, ONE EACH ON DOWNSTREAM SIDE. LOCATE TEE AND BALL VALVES IN CONCRETE PULL BOX. RESTORE DEMOED ASPHALT PAVEMENT, MATCHING EXISTING TYPE AND THICKNESS.
- ROUTE SAMPLE PIPE UP ALONG EXTERIOR WALL FACE AND INSULATE.
- AFTER NEW CL17 AND SAMPLE LINE ARE IN SERVICE, CLOSE BALL VALVE UPSTREAM OF THE EXISTING CL17 AND ABANDON THE SAMPLE LINE BELOW BUILDING IN PLACE.
- CUT AND WELD IN COPPER TEE. MATCH EXISTING PIPE SIZE. ROUTE NEW PIPE TO CORNER, UP ABOVE MANDOOR, AND TO NEW SINK. ADD BALL VALVE FOR ISOLATION. SUBMIT VALVE TO ENGINEER FOR APPROVAL.
- NEW SINK LOCATION NEXT TO AUTO SAMPLER. MATCH SIZE, MATERIAL, AND STYLE (INCLUDING UNDER SINK CABINETS) OF EXISTING SINK IN ON-SITE GENERATION (OSG) ROOM. SUBMIT SINK AND CABINET DESIGN TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- SAW CUT AND CHISEL OUT 12-INCH WIDE BY 12-INCH DEEP TRENCH FOR NEW SINK DRAIN. CONNECT DRAIN TO NEARBY FLOOR DRAIN. AFTER PIPE INSTALLATION, GROUT FILL TRENCH UP TO FINISHED FLOOR ELEVATION. RECOAT FLOOR TO MATCH EXISTING COATING.
- LOCATION OF EXISTING SINK IN OSG ROOM.
- INSTALL SIGN ABOVE SINK THAT READS "NON-POTABLE WATER - DO NOT DRINK".
- PROVIDE AIR GAP FOR CL17 BYPASS DRAIN AS SHOWN ON P&IDS AND CONNECT TO SINK DRAIN.
- ROUTE PIPE ABOVE WELL PUMP DISCHARGE PIPING AND ALONG CMU BLOCK OVERHANG.
- START PVC CONDUIT FOR TUBING AT WALL PENETRATION. ALL TUBING SHALL BE DOUBLE CONTAINED IN WELL ROOM AND ABOVE ELECTRICAL EQUIPMENT.
- ROUTE PFA TUBING UP WALL TO THE WALL PENETRATION. SEE PLAN VIEW.
- INSTALL SPARE PTFE TUBE INSIDE 2" SCHEDULE 40 PVC SECONDARY CONTAINMENT PIPING WITH LONG SWEEP ELBOWS. EXCAVATE ASPHALT PAVEMENT TO BURY SAMPLE LINE AS SHOWN. RESTORE ASPHALT PAVEMENT TO MATCH EXISTING TYPE AND THICKNESS.
- EXISTING CHLORINE ANALYZER.
- NEW CHLORINE ANALYZER (EQUIPMENT TAG WM04_AE_463) MUST BE OPERATIONAL BEFORE THE EXISTING CHLORINE ANALYZER IS REMOVED FROM SERVICE.

EQUIPMENT TAGS

- 1 WM04_AE_463 CHLORINE ANALYZER

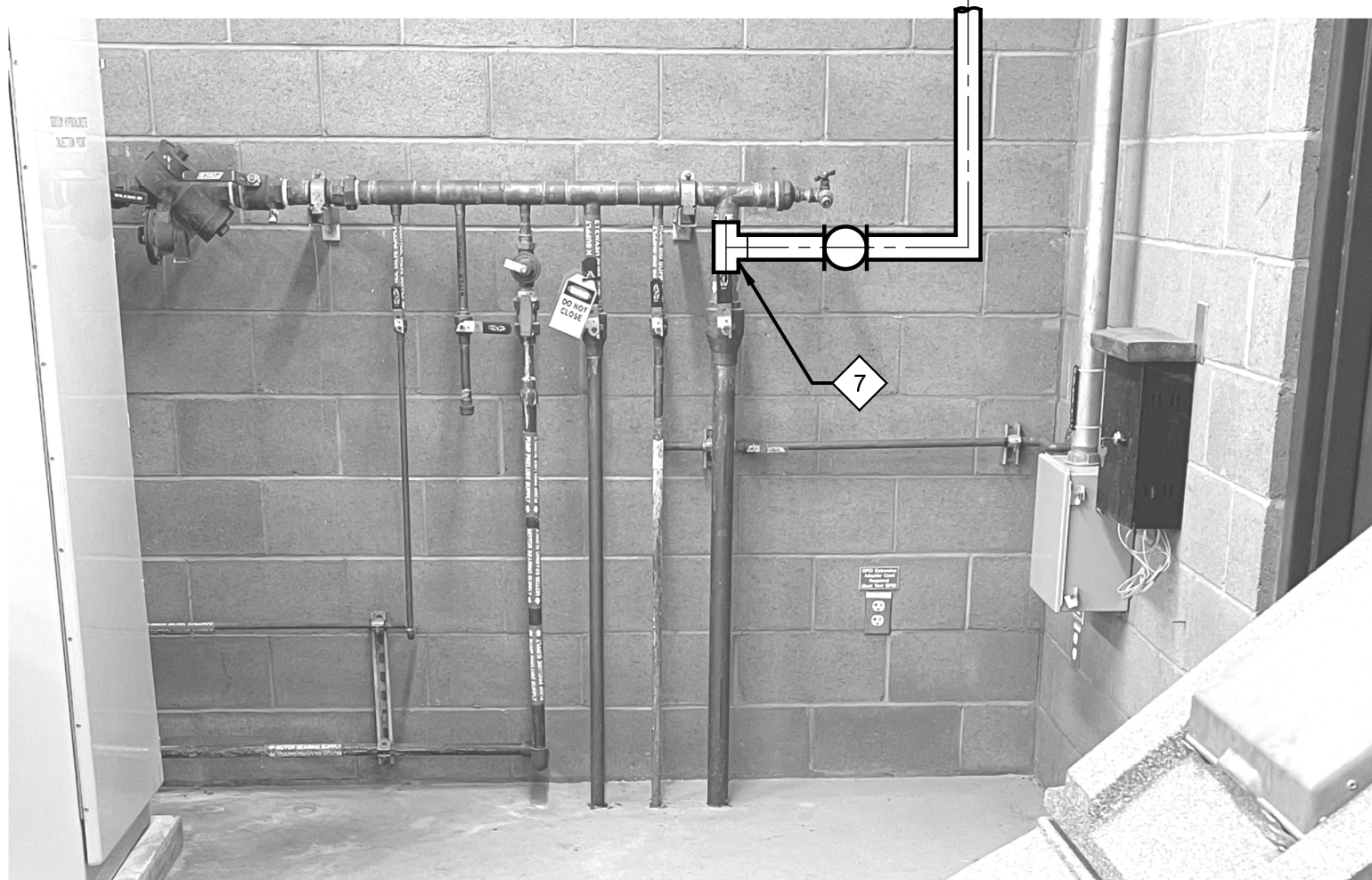


EXISTING CHLORINE ANALYZER AND SAMPLE LINES

6 PHOTO
SCALE: NO SCALE
FILE: 12204A10M08A

MOCHO 4 WELL BUILDING

L PLAN
SCALE: 1/4" = 1'-0"
FILE: 12204A10M102



WATER PIPE MANIFOLD

7 PHOTO
SCALE: NO SCALE
FILE: 12204A10M08B

REV	DATE	BY	Description
1	05-02-22	NJW	REVISED PER ADDENDUM 1



Designed NJW
Drawn DPF
Checked BY
Date MARCH 2022

carollo®



ZONE 7 WATER AGENCY
100 NORTH CANYONS PARKWAY
LIVERMORE CALIFORNIA, 94551

BAR IS ONE INCH
AT FULL SCALE
0 1"
IF NOT ONE INCH
SCALE ACCORDINGLY

ZONE 7 WATER AGENCY
CONCENTRATE CONDITIONING SYSTEM PROJECT

MECHANICAL
MOCHO 4 WELL BUILDING
CHLORINE ANALYZER AND SINK RELOCATION

SHEET NO.
44 OF 102
DRAWING NO.
M07
FILE NO.
WC-295

PROJECT NO. 294-21