

ADDENDUM NO. 1

TO CONTRACT DOCUMENTS

**FOR: CITY OF TURLOCK
WELL 29 CHLORINATION**

January 27, 2025

NOTICE TO BIDDERS

This Addendum is attached to and made a part of the above entitled Contract Documents for the City of Turlock.

Response to Bidder's Questions

Question No. 1: According to the project specification, upgrading the existing city SCADA platform is under the contractor's scope. Could you provide details about the SCADA system type and version?

Answer No. 1: The SCADA system is existing and will remain as is with VTSCADA.

Question No. 2: Could you also provide information regarding the existing well pump soft starter or VFD type and model?

Answer No. 2: The existing well has a soft starter, and nothing is changing aside from getting the necessary discrete IO to/from it.

Revisions to Plans and Specifications

The following additions, deletions or modifications shall become part of the Contract Documents:

Strikethrough text (~~text~~) indicates deletions.

Bold Italicized text (***text***) indicates additions.

ITEM NO. 1:

Revise City of Turlock Notice to Contractors, Proposal, Agreement, & Special Provisions; Cover Sheet Contact Information as follows (a complete revised cover sheet is also attached):

Engineering Division

Contact Person: Stephen Fremming

Phone: 209-668-5417

Email: ~~Stephen Fremming~~ sfremming@turlock.ca.us

ITEM NO. 2:

City of Turlock Notice to Contractors, Proposal, Agreement, & Special Provisions; Material Suppliers Information (numbered p. 16) is revised and replaced with the attached sheet of the same name and number.

ITEM NO. 3:

Owner shall furnish and install chemical storage tank and spill pallet.

Sheet D-1 CHLORINATION ENCLOSURE DETAILS is revised and replaced with the attached sheet of the same name and number.

City of Turlock Notice to Contractors, Proposal, Agreement, & Special Provisions; Bidder's Form (numbered pp. 7-9) is revised and replaced with the attached pages of the same name and numbers.

Revise Section 01 22 00 Explanation of Bid Items; Paragraph 1.2, Bid Item 5 as follows:

Bid Item 5 – Chlorination Equipment (Pumps, Tank, and Analyzers): This bid item includes chemical ~~tank~~ and metering pump, chlorine residual analyzer, conduits and tubing, injection and sample taps, valves and accessories, NSF-60 certified sodium hypochlorite solution for start-up testing, and all appurtenances including electrical connections and wiring required to provide a complete system for injection of sodium hypochlorite solution and monitoring of chlorine residual levels as shown in the Plans and these Specifications. ***Chemical storage tank and spill pallet shall be furnished and installed by Owner and is not to be included in this bid item.*** This bid item will be paid for by Lump Sum on a prorated basis.

ITEM NO. 4:

Revise Section 40 50 00 Instrumentation and Controls; Paragraph 1.05 as follows:

1.05 QUALITY ASSURANCE

- A. The Process Control System Supplier (PCSS) shall be a "systems integrator" regularly engaged in the design and the installation of instrumentation systems and their associated subsystems as they are applied to the municipal water and wastewater industry. ~~For the purposes of this Specification Section, a "systems integrator" shall be interpreted to mean an organization that complies with all of the following criteria:~~
- ~~1. Employs personnel on this project who have successfully completed ISA or manufacturers training courses on general process instrumentation and configuration and implementation of the specific programmable controllers, computers, and software proposed for this project. The Company shall be a member of Control System Integrators Association Certified (CSIA) and key personnel shall hold ISA CCST Level 1 certification, or have a minimum of 10 years of verifiable plant startup experience. Key personnel shall include, as a minimum, the lead field technician.~~
 - ~~2. Has successfully completed work of similar or greater complexity on at least three previous projects within the last five years. Successful completion shall be defined as a finished project completed on time, without any outstanding claims or litigation involving the PCSS. Potential references shall be for projects where the PCSS's contract was of similar size to this project.~~
 - ~~3. Has been actively engaged in motor control centers, industrials control panels, and system integration for the type of work specified in this Specification Section for a minimum of five years.~~
- B. ~~The PCSS shall maintain a permanent, fully staffed and equipped service facility within 250 miles of the project site with full time employees capable of designing, fabricating, installing, calibrating, and testing the systems specified herein. At a minimum, the PCSS shall be capable of responding to on-site problems within 12 hours of notice. Provide an on-site response within 4 hours of notification starting at two months before scheduled startup to two months after startup completion.~~
- C. ~~PCSS shall hold a valid UL-508 certification for their panel fabrication facility.~~
- D. ~~Actual installation of the instrumentation system need not be performed by the PCSS's employees; however, the PCSS as a minimum shall be responsible for the technical supervision of the installation by providing on site supervision to the installers of the various components.~~
- E. ~~Only approved suppliers will be accepted. The Contractor must name the proposed system supplier per Division 0.~~
- F. ~~The listed approved PCSS's shall not be required to submit a qualification proposal. Suppliers interested in being listed as an equal shall submit three copies of a qualification proposal to the ENGINEER no later than 21 days before the bid opening date. A list of approved equals shall be issued no later than 13 days before the bid opening date.~~
- ~~1. The qualification proposal shall provide details and a description of how the supplier proposes to fulfill the requirements set forth in these specifications. The PCSS shall present the proposal in sufficient detail so that proper evaluation regarding the experience and capabilities of the supplier can be performed.
 - ~~a. The proposal shall contain evidence that the PCSS has sufficient financial resources to meet the obligations incidental to the performance of the work including available bonding. (This requirement may be provided in the form of a verifiable or certified financial report for the company's latest fiscal year.)~~~~

- ~~b. The proposal shall contain a list of personnel available for assignment to the responsible positions of Project Manager, Project Engineer, Installation Supervisor, and Area Service Representative. Also, include a concise resume of each individual's education, work experience, and accomplishments.~~
- ~~c. The proposal shall contain the following specific information:~~
- ~~1) Maintenance services available for hardware and software: Evaluation shall be based on the PCSS's capability to provide the required routine and emergency services. The PCSS's proposal is to describe the capabilities and location of his/her nearest (to jobsite) service organization. The intent of the specifications is to obtain all system maintenance services from the PCSS. If the PCSS intends to subcontract all or portions of the service requirements, it must be stated as such along with the name and address of the organization.~~
 - ~~2) Technical validation, examples of recently completed and similar scope projects: The PCSS shall provide information regarding type, size, complexity, and performance of five systems recently completed, along with names, addresses, and telephone numbers of persons qualified to verify PCSS's statements approximate cost of the instrumentation system supplied, project completion date and description. Evaluation shall be based on the similarity of system requirements and supplier's performance.~~
 - ~~3) A description of how the supplier plans to execute the various functions and locations where the various portions of the work shall be performed, coordinated and managed (e.g., design, engineering, manufacturing, programming, testing and scheduling). The PCSS is required to state in his/her proposal those functions which he/she intends to subcontract to other organizations and include the name, address and capabilities of these organizations.~~
 - ~~4) The PCSS shall be required to demonstrate a minimum of five years' past control systems of comparable size, type and complexity to the proposed project. The PCSS shall be required to have his/her own in-house capability to handle complete system engineering, fabrication, and testing.~~
 - ~~5) The PCSS shall indicate that he/she has in his/her employment capable personnel for detailed engineering, coordination, drafting, procurement and expediting, scheduling, construction, testing, inspection, installation, training start up service for calibration and commissioning and warranty compliance for the period specified.~~

ITEM NO. 5:

A copy of the sign-in sheet from the non-mandatory pre-bid meeting held on Wednesday, January 22, 2025 at 9:00 AM is attached for informational purposes.



NOTICE TO CONTRACTORS,
PROPOSAL,
AGREEMENT, &
SPECIAL PROVISIONS

FOR CONSTRUCTION ON
Project No: 23-046
Well 29 Chlorination

IN STANISLAUS COUNTY,
TURLOCK, CALIFORNIA.

Engineering Division

Contact Person: Stephen Fremming
Phone: 209-668-5417
Email: ~~Stephen Fremming~~ sfremming@turlock.ca.us

William D. Morris, RCE 55910
City Engineer

Proposals shall be delivered to Turlock, California
at or before 2:00 PM on Wednesday, February 5, 2025
at the office of the City Engineer,
Engineering Division
156 S. Broadway, Suite 150
Turlock, CA 95380

MATERIAL SUPPLIERS INFORMATION

Prime Contractor: _____

The Bidder shall indicate opposite each item of equipment or material listed below the name of the manufacturer or supplier of the equipment or material proposed to be furnished under the Bid.

Equipment/Material	Manufacturer/Model	Alternate Manufacturer/Model
1 Programmable Logic Controller	Rockwell Automation CompactLogix 5380	N/A
2 Programmable Logic Controller Software	Rockwell RSLogix5000	N/A
3 Radio	General Electric Orbit LN4 MCR/ECR	N/A
4 Surge Protection Device	Endress + Hauser HAW569-CB2C	N/A
5 Chlorine Analyzer	Hach CLF10sc with sc200 controller, pH sensor and SS Panel	N/A
6 Chemical Metering Pumps	Grundfos DDA 17-7 FCM-PVC/V/C-F-31U7U7B	N/A
7 Chemical Storage Tanks		
8		

Manufacturers and models that are pre-populated in the ~~bidding documents~~ *table above* are sole source items with no equal *as per a finding made by Turlock City Council resolution in accordance with Public Contract Code Section 3400(c)(2)*. No substitution will be permitted after award of contract unless equipment or material of the listed manufacturer or supplier is determined to not meet the specifications or if the material is not available within a reasonable timeline and Owner agrees to approve an alternate product. Awarding of a contract under this bid will not imply approval by the Owner of the manufacturers or suppliers listed by the Bidder.

BIDDER'S FORM

PROJECT TITLE: Well 29 Chlorination

PROJECT NUMBER: 23-046

OPENING DATE: February 5, 2025

OPENING TIME: 2:00 PM

Item No.	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Total
1	Mobilization and Demobilization	LS	1		
2	Traffic Control	LS	1		
3	Site Piping	LS	1		
4	Chemical Storage Building and Pad	LS	1		
5	Chlorination Equipment (Pumps, Tanks, and Analyzers)	LS	1		
6	Electrical, Instrumentation, and Controls	LS	1		
7	Site Civil Improvements	LS	1		
8	Startup and Testing	LS	1		
9	Operations and Maintenance Manuals	LS	1		
10	As-Built Drawings	LS	1		
Subtotal					

Bidder has examined and carefully studied the Bidding documents and other related data identified in the Bidding Documents and the following Addenda, receipt of which is hereby acknowledged

ADDENDA

No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____
No. _____	Date _____	Signed _____

TOTAL BID WRITTEN IN FIGURES: \$ _____, _____, _____ . _____

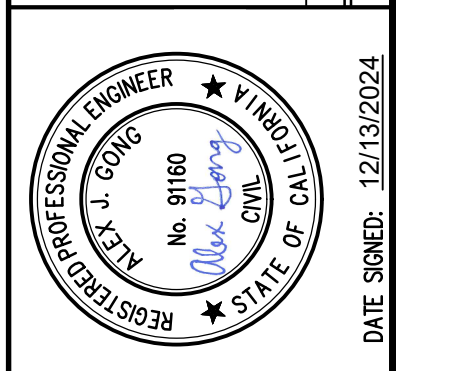
TOTAL BID WRITTEN IN WORDS: _____

CONTRACTOR: _____

PROVOST & PRITCHARD
 ENGINEERING GROUP, INC. ALL RIGHTS RESERVED
 THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF PROVOST & PRITCHARD ENGINEERING GROUP, INC. AND ARE NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF PROVOST & PRITCHARD ENGINEERING GROUP, INC. IN THE EVENT OF UNAUTHORIZED REUSE OF THESE PLANS BY A THIRD PARTY, THE THIRD PARTY SHALL HOLD THE FIRM OF PROVOST & PRITCHARD ENGINEERING GROUP, INC. HARMLESS FROM ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, INCURRED BY PROVOST & PRITCHARD ENGINEERING GROUP, INC. OR ITS ASSOCIATES WITH DEFENDING AND ENFORCING THESE RIGHTS.

ISSUED FOR BIDDING PURPOSES
 DECEMBER 2024

NO.	REVISION	BY	DATE
1	ADDENDUM 1	AJG	1-27-2025



WELL 29 CHLORINATION
 CITY OF TURLOCK
 CITY PROJECT NO. 23-046
 DETAILS

CHLORINATION ENCLOSURE DETAILS

PROVOST & PRITCHARD
 425 W. FIR AVENUE
 TURLOCK, CA 95259
 PHONE (559) 449-2700
 FAX (559) 449-2715
 www.provostandpritchard.com

DESIGN ENGINEER:
 AJG
 LICENSE NO:
 91160

DRAFTED BY:
 ENA

CHECKED BY:
 KMM

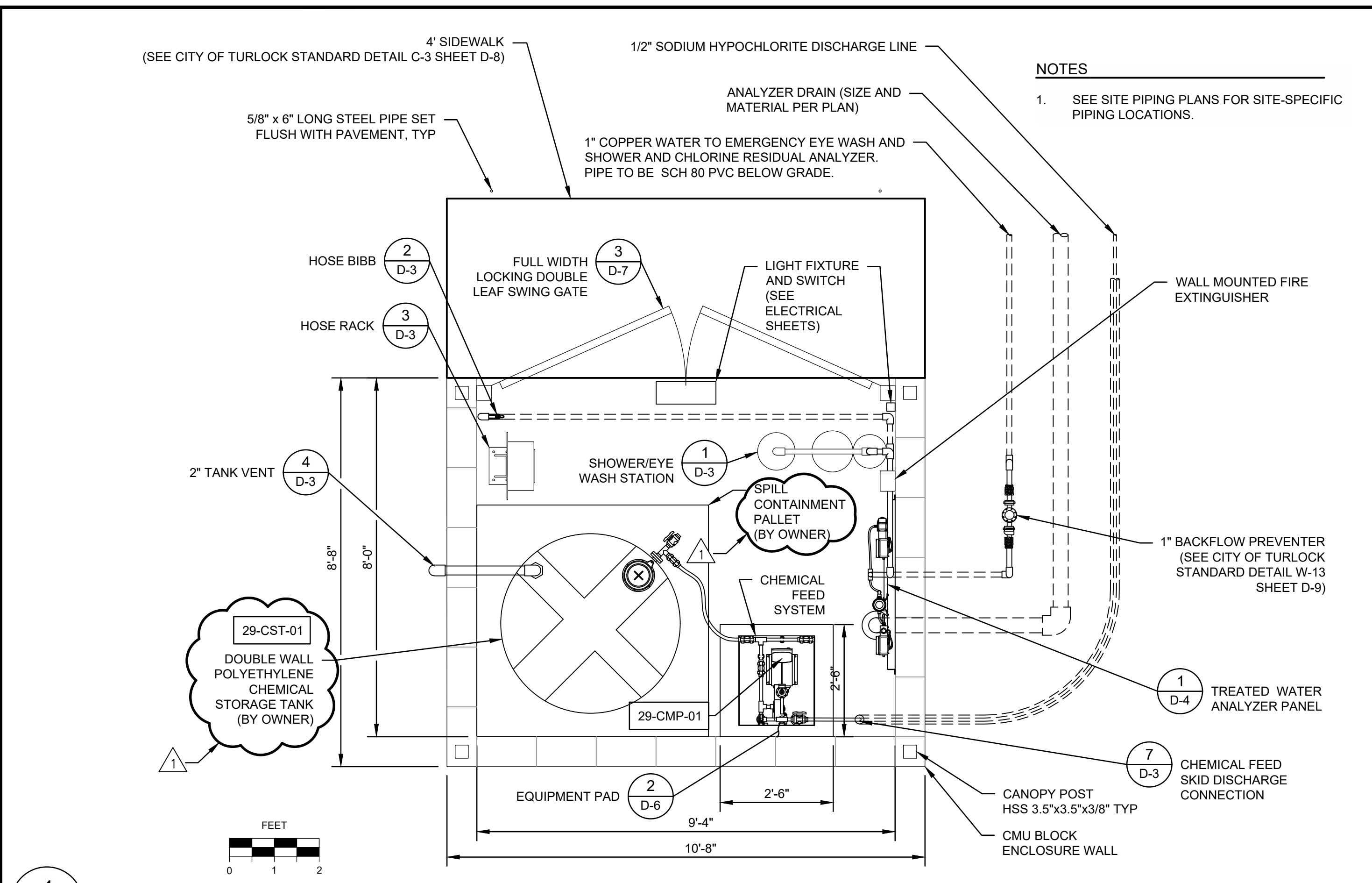
DATE: DECEMBER 2024
 JOB NO: 229223003

PROJECT NO:
 PHASE: CD

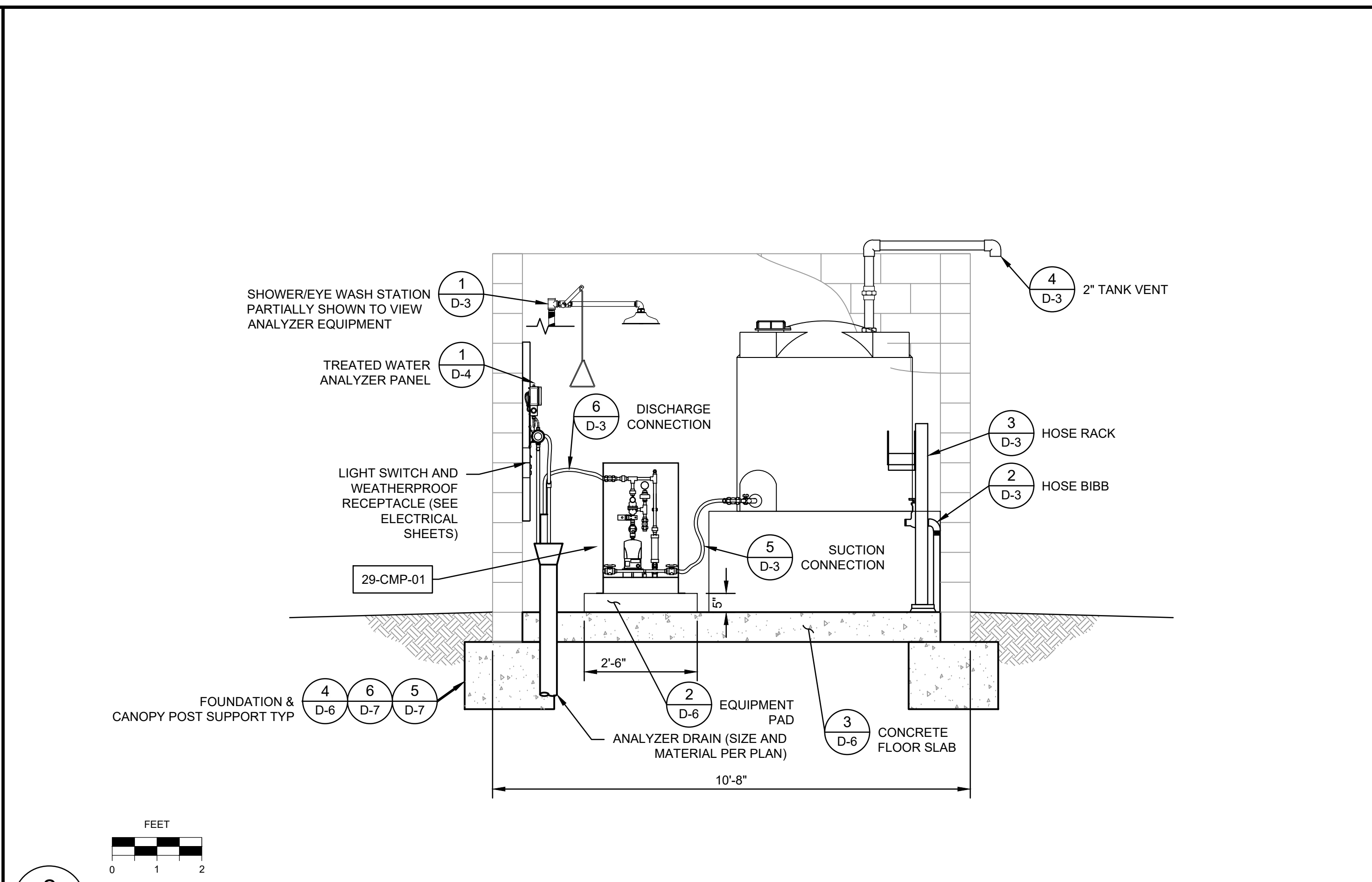
ORIGINAL SCALE SHOWN IS ONE
 INCH. ADJUST SCALE FOR
 REDUCED OR ENLARGED PLANS.

SHEET **D-1**
 9 OF 35

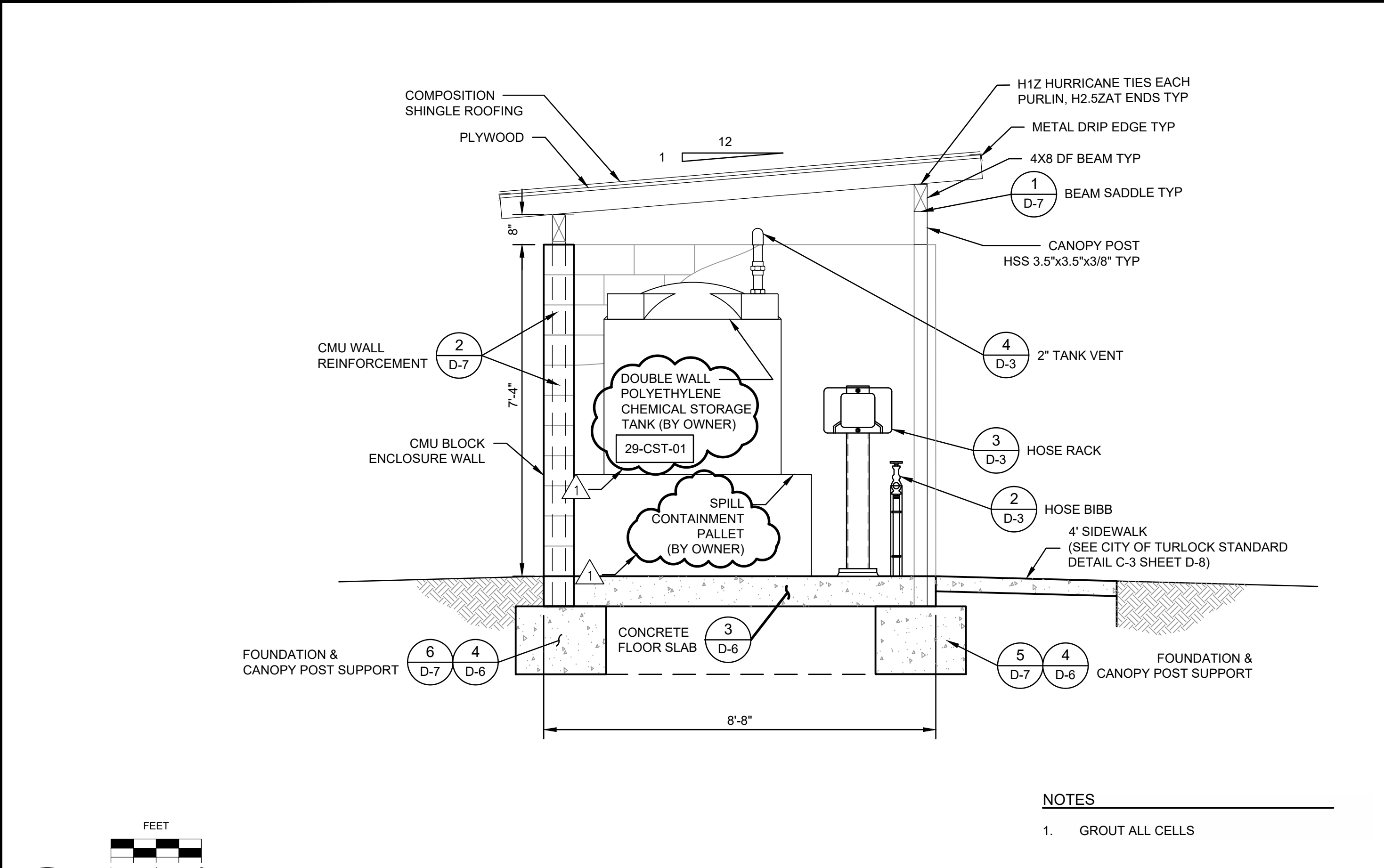
1/24/2025 3:48 PM G:\Turlock_City of 229223003-Well 29 Chlorination\030 CAD\340 Sheet Sets\04_Civil_Details\01-CHLORINATION ENCLOSURE DETAILS.dwg - Alex Gong



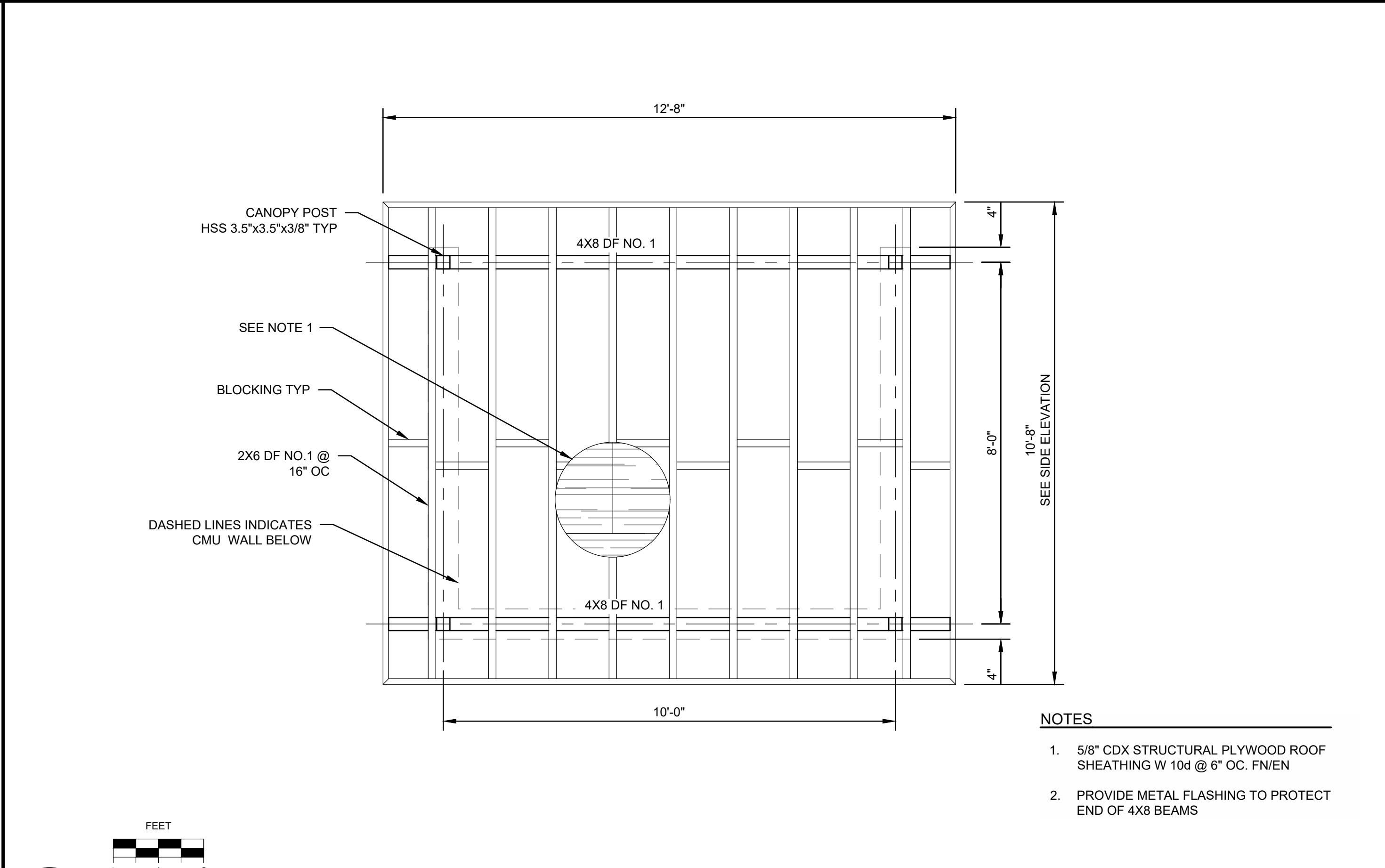
1
 D-1
 CHEMICAL STORAGE ENCLOSURE PLAN



2
 D-1
 CHEMICAL ENCLOSURE FRONT ELEVATION



3
 D-1
 CHEMICAL ENCLOSURE SIDE SECTION



4
 D-1
 CHEMICAL ENCLOSURE ROOFING PLAN

PROJECT

City of Turlock
PROJECT NO. 23-046
WELL 29 Chlorination

DATE: 1-22-2025
JOB NO: 23-046
COMP. BY: _____
CHKD. BY: _____
SHEET _____ OF _____

9:00 AM

<u>NAME</u>	<u>Company/Organization</u>	<u>email</u>
Keith Martensen	P3P	kmortensen@ppeng.com
Alex Gong	PEP	agong@ppeng.com
Ehsan Sabaghian	Hawk Systems	esabaghian@hawksystems.com