



**REGULAR BOARD MEETING AGENDA**  
**BOARD OF DIRECTORS MEETING**  
**MALAGA COUNTY WATER DISTRICT**  
**3580 SOUTH FRANK STREET**  
**FRESNO, CALIFORNIA 93725**  
**Tuesday, June 13, 2023 at 6:30PM**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a District Board Meeting, please contact the District Office at 559-485-7353 at least 48 hours prior to the meeting, to ensure that reasonable arrangements can be made to provide accessibility to the meeting.

**1. Call to Order:**

**2. Roll Call:** President Charles Garabedian, Jr.; Vice President Salvador Cerrillo; Director Irma Castaneda; Director Frank Cerrillo, Jr.; Director Carlos Tovar, Jr.

**3. Certification:** Certification was made that the Board Meeting Agenda was posted 72 hours in advance of the meeting.

**4. Consent Agenda.** The items listed below in the Consent Agenda are routine in nature and are usually approved by a single vote. Prior to any action by the Board of Directors, any Board member may remove an item from the consent agenda for further discussion. Items removed from the Consent Agenda may be heard immediately following approval of the Consent Agenda or set aside for discussion and action after Regular Business.

a. Minutes of the Regular Board Meeting of May 30, 2023.

Recommended action: To approve the Consent Agenda as presented or amended.

**Motion by:** \_\_\_\_\_; **Second by:** \_\_\_\_\_

**5. Old Business:**

**6. New Business:**

a. **Membership.** The California Association of Park & Recreation Commissioners and Board Members have mailed a membership renewal for \$250.00.

**Recommended action:** board's pleasure.

b. **WWTF.** Two quotes have been submitted for the restoration of two metal screw pumps. The first quote is from Wm. B. Saleh Co. for \$87,386.00 for the preparation and coating of the screw pumps. The second quote is from Rain for Rent of \$10,637.80 for rental equipment only that will help complete this job in-house.

Recommended action: for information and discussion.

**7. Sheriff Report:** Presented by CSO, Elaine Montoya.

**8. Incorporation Reports:**

**9. Recreation Reports:**



**10. Engineer Reports:**

- a. District Engineer Report.
  - i. Letter addressing FID's concerns regarding the district's Well 5A and Tank 2 project.
- b. CDBG Engineer Report:

**11. General Manager's Report:**

- a. Moving regular board meetings to a room at the new bathrooms beginning June 27.

**12. President's Report:**

**13. Vice President's Report:**

**14. Director's Reports:**

**15. Legal Counsel Report:**

**16. Communications:**

- a. Written Communications:
  - 1. Fresno County General Plan Review and Zoning Ordinance community meetings for public input.
- b. Public Comment: *The Public may address the Malaga County Water District Board on item(s) of interest within the jurisdiction of the Board, not appearing on the agenda. The Board will listen to comments presented; however, in compliance with the Brown Act, the Board cannot take action on items that are not on the agenda. The public should address the Board on agenda items at the time they are addressed by the Board. All speakers are requested to wait until recognized by the Board President. All Comments will be limited to three **(3)** minutes or less per individual/group per item per meeting, with a fifteen **(15)** minutes maximum.*

**17. Closed Session:**

**18. Adjournment:**

**Motion by:** \_\_\_\_\_, **Second by:** \_\_\_\_\_

**Certification of Posting**

I, Norma Melendez, District Clerk of the Malaga County Water District, do hereby certify that the foregoing agenda for the Regular Meeting of the Board of Directors of June 13, 2023, was posted for public view on the front window of the MCWD office at 3580 S. Frank Street, Fresno Ca 93725, at 2:30P.M. On 06/09/2023.

*Norma Melendez*  
Malaga County Water District Clerk





**REGULAR BOARD MEETING MINUTES**  
**BOARD OF DIRECTORS MEETING**  
**MALAGA COUNTY WATER DISTRICT**  
**3580 SOUTH FRANK STREET**  
**FRESNO, CALIFORNIA 93725**  
**Tuesday, May 30, 2023 at 6:00PM**

**item 4.a.**

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in a District Board Meeting, please contact the District Office at 559-485-7353 at least 48 hours prior to the meeting, to ensure that reasonable arrangements can be made to provide accessibility to the meeting.

- ❖ Please submit all written correspondence for the Board of Directors by 12:00 pm the Friday prior to the meeting. Please deliver or mail to the District Clerk.
- ❖ Public comments are limited to three (3) minutes or less per individual per item, with a fifteen (15) minute maximum per group per item and will be heard during the communication portion of the agenda.

**1. Call to Order: 6:02pm**

- 2. Roll Call:** President Charles Garabedian, Jr.; Vice President Salvador Cerrillo; Director Irma Castaneda; Director Frank Cerrillo, Jr.; Director Carlos Tovar, Jr.

**All present.**

**Also present: Neal Costanzo, Norma Melendez and Moises Ortiz**

- 3. Certification:** Certification was made that the Board Meeting Agenda was posted 72 hours in advance of the meeting.

- 4. Consent Agenda.** The items listed below in the Consent Agenda are routine in nature and are usually approved by a single vote. Prior to any action by the Board of Directors, any Board member may remove an item from the consent agenda for further discussion. Items removed from the Consent Agenda may be heard immediately following approval of the Consent Agenda or set aside for discussion and action after Regular Business.

- a. Minutes of the Regular Board Meeting of May 16, 2023.

Recommended action: To approve the Consent Agenda as presented or amended.

**Motion by Director Cerrillo; Second by Director Cerrillo, Jr. and by a 5-0 vote to approve the consent agenda as presented.**

- 5. Old Business: none for this meeting.**

**6. New Business:**

- a. **District Postage Machine.** The District's postage machine lease with JMP Office Technologies will expire in July, 2023. JMP Office Technologies have provided a new Postage Meter Rental Agreement. The quote is for a quarterly payment of \$189.75. This agreement includes maintenance and a new postage machine that is fully compliant with the US Post Office requirements.

Recommended action: to approve renewal of agreement with JMP Office Technologies.



**Motion by Vice President Cerrillo; Second by Director Castaneda and by a 5-0 vote to approve renewal of agreement with JMP Office Technologies.**

- b. **Resolution No. 5-30-2023.** Due to changes in the organization, the bank has requested the reauthorization of account signors.

Recommended action: to approve Resolution No. 5-30-2023 as presented or amended.

**Motion by Director Castaneda; Second by Director Cerrillo, Jr. and by a 5-0 vote to approve Resolution No. 5-30-2023.**

- c. **Resolution No. 05-30-2023A.** A resolution approving a construction agreement with Asphalt Technology, Inc. to re-pave the community center parking lot.

Recommended action: to approve Resolution No. 5-30-2023A as presented or amended.

**Motion by Vice President Cerrillo; Second by Director Cerrillo, Jr. and by a 5-0 vote to approve Resolution No. 05-30-2023A.**

**7. Incorporation Reports: none for this meeting.**

**8. Recreation Reports:**

Director Castaneda announced that due to graduations the first week of June, the recreation committee will be having bingo on Monday, June 5.

The General Manager, Moises Ortiz, reported that he sees the shortcomings during center rentals and will be discussing with recreation staff of potential improvements to provide the best service to our customers.

**9. Engineer Reports:**

a. District Engineer Report. None.

b. CDBG Engineer Report: None.

**10. General Manager's Report:**

The General Manager wanted to note that the District is in need of a service agreement with the County of Fresno. He realized the dyer need as he was picking up tires that were dumped around the community. He will be contacting Fresno County's Board of Supervisors to discuss public service in the community.

**11. President's Report:**

President Garabedian, Jr. reported to the board of a future ethics workshop they all will have in the month of July. He also reminded the board he will not be at the board meeting of June 27 or July 11 as he will be on vacation.

**12. Vice President's Report:**

Vice President Cerrillo reported his attendance to a community meeting hosted by the County of Fresno. He brought up clean-up that is not being done by the County of Fresno.



**13. Director's Reports: None for this meeting.**

**14. Legal Counsel Report: reserved for closed session.**

**15. Communications:**

a. Written Communications:

1. PG&E Virtual Central Valley Town Hall meeting. Meeting will be held Thursday, June 8 from 5:30 – 7:00 p.m. Those who wish to join the meeting will find the login information on the flyer.

b. Public Comment: *The Public may address the Malaga County Water District Board on item(s) of interest within the jurisdiction of the Board, not appearing on the agenda. The Board will listen to comments presented; however, in compliance with the Brown Act, the Board cannot take action on items that are not on the agenda. The public should address the Board on agenda items at the time they are addressed by the Board. All speakers are requested to wait until recognized by the Board President. All Comments will be limited to three **(3)** minutes or less per individual/group per item per meeting, with a fifteen **(15)** minutes maximum.*

**16. Closed Session: 6:36pm**

a. Potential Litigation (Gov't Code 54956.9(d)(2).) (two cases)

**7:08pm—Nothing to report.**

**17. Adjournment:**

**Motion by Vice President Cerrillo, Second by Director Cerrillo, Jr. and by a 5-0 vote to adjourn the meeting at 7:09pm.**

#### **Certification of Posting**

I, Norma Melendez, District Clerk of the Malaga County Water District, do hereby certify that the foregoing minutes for the Regular Meeting of the Board of Directors of May 16, 2023 was posted for public view on the front window of the MCWD office at 3580 S. Frank Street, Fresno Ca 93725, on 06/14/2023.

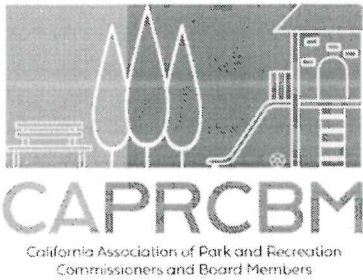
*Norma Melendez*

Malaga County Water District Clerk



item 6.a.

California Association of Park & Recreation  
Commissioners & Board Members (CAPRCBM)  
PMB #157, 1750 Prairie City Road  
Folsom, CA 95630



JAMES ANDERSON  
MALAGA COUNTY WATER DIST. BOARD  
3580 S. FRANK ST  
FRESNO, CA 93725

Membership Category                      Agency  
Membership Expires: June 30, 2024

Dues Invoice      July 1, 2023 - June 30, 2024

nonprofit corporation # 94-3197078

Total amount enclosed      \$ 250

Please attach a list of your Commission/Board including email addresses.

Two ways to pay your dues:  
By check: mail this form and your member list with your remittance to:  
CAPRCBM, PMB #157, 1750 Prairie City Road, Suite 130, Folsom, CA 95630-9579  
By credit card/Online: <https://www.caprcbm.org/membership> . Choose Agency Membership button.  
\$5 added to cover credit card processing cost.

Name and Title of person filling out this form:

Name \_\_\_\_\_ Title \_\_\_\_\_

Telephone ( \_\_\_\_\_ ) \_\_\_\_\_ email \_\_\_\_\_

Thank you for your support



# item 6.a.



## CALIFORNIA ASSOCIATION OF PARK & RECREATION COMMISSIONERS AND BOARD MEMBERS *A CALIFORNIA NON-PROFIT CORPORATION SINCE 1993* *Founded - 1968*

BOARD OF DIRECTORS May 18, 2023

President  
Clarence Mamari  
*American Canyon*

James Anderson  
Malaga County Water Dist. Board  
3580 S. Frank St  
Fresno, Ca 93725

President Elect  
*Vacant*

Vice President  
Rebecca Carey  
*Santa Maria*

Dear James,

Secretary/Treasurer  
Patricia Bentson  
*Gilroy*

Your continued support keeps our Association functioning and allows us to offer membership services. Somewhat surprising this past year, we only had one agency submit an award application. Equally surprising, one-third of our income was derived from donations. This is your organization, and without your membership, we have no reason to exist.

Immediate Past President  
Ron Ruef  
*Mission Viejo*

I hope that you have recently visited our website, [www.caprcbm.org](http://www.caprcbm.org) and accessed the new pages. We now have training videos posted, a page with publications, and added a page about our "Commissioner Legends." Now that we can break from the "virtual world", we will again have live meetings and training sessions this next year and at the CPRS Conference and Expo. This coming fiscal year (2023-2024) we plan on adding several new training videos, enhanced monthly newsletters with articles about our history and future, and educational sessions at events and conferences. If financially possible, we will again have an exhibit hall booth and awards ceremony at the CPRS Conference and Expo. Of course, all services and benefits require funding, and our primary income source is from membership. Consequently, this membership year we hope that you will again renew and keep this one-of-a-kind Association strong and vibrant.

Executive Director  
Paul D. Romero

Renewing your membership is simple. Just complete that attached invoice and send your Agency check to the noted postal mail box address (see footer). Don't forget to send a list of your Commissioners/Board Members email addresses. Better yet, use a credit card by going to <https://www.caprcbm.org/membership/> and click on the Agency membership button. We use PayPal for credit card processing and that service will send a receipt the moment you hit the pay button. Please remember to fill in the details including the payee, email and agency.

Regardless of which renewal method you choose to use, remember we are dependent on your support. Our pledge to you is to offer good benefits, quality service, effective communication, and strive to fulfill our purposes and goals.

Sincerely,

Paul Romero  
Executive Director



**item 6.b.1.**



**Wm. B. SALEH CO.**  
DISTINCTIVE PAINTING

Fresno Office  
1364 N. Jackson  
Fresno, CA 93703  
Phone: (559) 255-2046  
FAX: (559) 255-2907  
[www.salehcompany.com](http://www.salehcompany.com)  
DIR NO. 1000003170

**PROPOSAL / CONTRACT  
SBE CERTIFIED**

To: Malaga County Water District  
Attn: Robert Herrero Jr.

Date: June 5, 2023  
Subject Job: Malaga County Water District

We propose to furnish at the above job all labor, materials, equipment, supervision, Workers' Compensation Property Damage and Liability Insurance necessary to complete in a thoroughly workmanlike manner all the work described below.

SCOPE OF WORK: Sandblast two metal screws for preparation to apply one coat of Amerlock Epoxy Primer and two coats of Amershield Urethane.

**TOTAL**

**\$87,386.00**

NOTES: 1. Owner to clean prior to our service.  
2. Owner to remove any debris generated by our work.  
3. Owner to rotate screws for our application.

FOR THE SUM OF: **EIGHTY-SEVEN THOUSAND THREE HUNDRED EIGHTY-SIX DOLLARS**

STATE LICENSE NO. 268108

Wm. B. SALEH Co. :

*Richard Purcell*  
Richard Purcell

k.l.

**ACCEPTANCE** - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.  
**TERMS:** This contract includes all the terms and conditions attached to this sheet and they are approved and accepted by the signatures below. This proposal must be accepted within 30 days of the date hereof to become a valid contract.  
If approved and accepted, please sign below and return a copy to our office.

Date of Acceptance: \_\_\_\_\_

Signature: \_\_\_\_\_

BAKERSFIELD  
OFFICE:

2361 Cepheus Court  
Bakersfield, CA 93308  
Phone: (661) 393-8842  
Fax (661) 393-8138  
DIR NO. 1000001869

MONTEREY OFFICE:

407 Reservation Rd., Suite 3  
Marina, CA 93933  
Phone: 831-384-1552  
Fax: 831-384-7620  
DIR NO. 1000010542





**Rain For Rent**  
21500 West Manning Ave  
San Joaquin, CA, 93660  
559-693-4315  
rainforrent.com  
MBRONZE@rainforrent.com

MALAGA COUNTY WATER DISTRICT  
Account: 7050974

Burt Siverling  
bsiverling@malagacwd.org

## item 6.b.2.

Dear Burt Siverling,

Thank you for your inquiry. As requested, please find attached our proposal 1051-IND-2073519 for Malaga WWTP. We value this opportunity to provide a solution for your liquid handling need and we are committed to partnering with you to ensure your project's safe execution and completion.

To convert this proposal into a confirmed order WITHOUT ANY CHANGES, please click the "Start Signing" button to begin the electronic signature process.

If you would like to CHANGE anything in this proposal or discuss anything further, please call Mike Bronze at 559-693-4315.

Thank you, and I look forward to working with you.

Regards,

Mike Bronze  
MBRONZE@rainforrent.com  
Mobile: 559-907-8379  
Branch: 559-693-4315  
21500 West Manning Ave  
San Joaquin, CA, 93660





Rain For Rent  
Sales Rep: Mike Bronze

# item 6.b.2

MALAGA COUNTY WATER DISTRICT  
Account: 7050974  
Proposal: 1051-IND-2073519

Project Name	Bypass of Screw Pumps	Jobsite	Malaga WWTP
Date Prepared	5/18/2023	Est. Delivery Date	6/5/2023
Prevailing Wage	Yes	Est. Completion Date	6/5/2023

## Project Description and Overview

### PROJECT OVERVIEW

Bypass equipment to bypass screw pumps. Quote includes delivery, install, removal, and return hauling. Rental duration is one week.

## STATEMENT OF WORK

### RFR Responsibilities & Scope of Work

Rain for Rent (RFR) will provide the following:

\_\_\_\_ Delivery, installation, removal, pickup of all quoted materials/equipment

Bypass equipment to bypass screw pumps. Quote includes delivery, install, removal, and return hauling. Rental duration is one week.

Due to the multitude of economic factors, materials, labor, hauling and freight are currently in a period of above average volatility. If, during the performance of work, the price of materials, labor, hauling or freight increases by 5% or greater through no fault of Rain for Rent, the contract price shall be equitably adjusted by an amount reasonably necessary to cover any such price increases. Equipment subject to availability at time of project.

### Reference Materials

Project is quoted based on applicable/customer provided reference materials noted below:

\_\_\_\_ Job Walk(s)

\_\_\_\_ Verbal / Written Request

### Customer Responsibilities

It is the customer's responsibility to inform RFR about prevailing wage at time of proposal. If RFR is informed after the quote is issued that certified payroll is required, quote will be subject to additional charges.

#### Jobsite:

Customer is responsible for:

1. Informing RFR of any jobsite or general requirement(s) to perform work on location.
2. Securing permits, fees, bonding, right of ways, vehicular/pedestrian traffic control, and security.
3. Providing safe, secure access and egress to an adequate staging area throughout the job which could include brush clearing, grading, and removal or replacement of any landscape or hardscape in the temporary right of way for the equipment.
4. Any damage to the environment including trees, vegetation, stream banks, or any other part of the site caused by the installation, removal, construction, pulling or dragging of equipment, or operation of the equipment that would require site restoration or environmental countermeasures.
5. Any excavation, saw cutting, trench plating for the purpose of road crossings, backfilling, restoration, modification, or alteration of any permanent structure or site element including changes to pump pad preparation, suction, or discharge chambers during duration of job (including installation and removal).

#### System:

1. If installation provided by RFR and Customer is operating system, this Transfer of Operation form will need to be reviewed and signed by both parties upon completion of setup. (sample form only): <https://rainforrentcorp.box.com/v/systemtransferoperation>
2. Customer will provide fueling.
3. Customer will provide preventative maintenance as recommended by manufacturer or per the Rental Agreement. <https://rainforrentcorp.box.com/v/pumpmaintenance>
4. Customer will supply all needed water for the commissioning, startup, and system testing. Project-specific criteria for hydrotesting can be





Rain For Rent  
Sales Rep: Mike Bronze

MALAGA COUNTY WATER DISTRICT  
Account: 7050974  
Proposal: 1051-IND-2073519

provided at an additional charge.

5. By accepting this quotation, the customer has acknowledged that the equipment proposed herein is suitable for its intended application and accepts all liabilities associated with its use. Customer is responsible for compliance with appropriate liquid/material quality standards, regulations, and testing protocols to meet all federal, state, local and job location specific requirements. Customer is responsible for all waste materials associated with this equipment/system.

**Customer is responsible for:**

1. Any work in confined spaces.
2. Protecting system from damage including any freeze protection necessary to safeguard equipment from damage. Should equipment become frozen and damaged, customer is responsible for repair of equipment. RFR can provide necessary freeze protection at an additional charge per executed change order. Equipment stays on rent until it can be returned.
3. Using equipment in a safe and proper manner in accordance with manufacturers' recommendations, regulatory standards, and industry best practices. Improper usage may cause equipment/system failure, damage, possible incidents, injuries, and spills.

**Safety**

Each employee is expected to adhere to the RFR Environmental, Health and Safety programs, which will protect the environment, the health and safety of the customer, employees, and others. RFR asks for your full cooperation to succeed in this expected outcome.





Rain For Rent  
Sales Rep: Mike Bronze

MALAGA COUNTY WATER DISTRICT  
Account: 7050974  
Proposal: 1051-IND-2073519

RENTAL ITEMS								
Qty	Units	Duration	Item	Description	Day	Week	Cycle	Extension
3	EACH	1 Week	811012	Pump Trash 4" DV100C HD	\$232.88	\$465.75	\$1,397.24	\$1,397.25
3	EACH	7 Day	670562	Spillguards 6'X10'X8"	\$17.65			\$370.65
3	EACH	1 Week	720916	Adapter 6" IND Groove x Flange 7180	\$10.73	\$10.73	\$21.45	\$32.19
3	EACH	1 Week	720914	Adapter 4" Ind Groove x Flange 7180 Cast	\$7.07	\$7.07	\$14.14	\$21.21
3	EACH	1 Week	727236	Hose 6"x20' Suction Ind Groove PVC	\$73.60	\$73.60	\$147.19	\$220.80
4	EACH	1 Week	722820	Hose 4"x20' HD Tank Truck Ind Groove 150#	\$59.70	\$59.70	\$119.40	\$238.80
3	EACH	1 Week	720775	Tee 8"x8"x4" Ind Groove x MNPT Cst 7121M	\$28.91	\$28.91	\$57.82	\$86.73
2	EACH	1 Week	720746	Tee 6" Ind Groove Weld STL	\$10.96	\$10.96	\$21.92	\$21.92
2	EACH	1 Week	720846	Cap 6" Ind Groove Weld STL	\$4.94	\$4.94	\$9.87	\$9.88
6	EACH	1 Week	978940	Pipe 8"x40' Ind Groove AL	\$24.73	\$24.73	\$49.45	\$148.38
4	EACH	1 Week	978920	Pipe 8"x20' Ind Groove AL	\$16.84	\$16.84	\$33.67	\$67.36
4	EACH	1 Week	978910	Pipe 8"x10' Ind Groove AL	\$8.20	\$8.20	\$16.41	\$32.80
4	EACH	1 Week	978905	Pipe 8"x5' Ind Groove AL	\$7.34	\$7.34	\$14.67	\$29.36
8	EACH	1 Week	720702	Elbow 8" 90 Degree Ind Groove 7110 Cast STL	\$15.70	\$15.70	\$31.39	\$125.60
4	EACH	1 Week	720711	Elbow 8" 45 Degree Ind Groove 7111 Cast STL	\$14.90	\$14.90	\$29.81	\$59.60
2	EACH	1 Week	720781	Adapter 4" Ind Groove x MNPT STL59	\$7.07	\$7.07	\$14.14	\$14.14
2	EACH	1 Week	725078	Adapter Reducing 8"x4" Ind Groove Cast 7150	\$13.77	\$13.77	\$27.53	\$27.54
1	EACH	7 Day	BE00743	Box Filter 25 Yd	\$54.00			\$378.00
Rental Subtotal								\$3,282.21

SERVICE ITEMS	
Description	Price
DELIVERY	\$3,326.90
INSTALL	\$2,268.00
REMOVE	\$1,260.00
PICKUP	\$3,326.90
SERVICE	\$456.00
Service Total	\$10,637.80





Rain For Rent  
Sales Rep: Mike Bronze

MALAGA COUNTY WATER DISTRICT  
Account: 7050974  
Proposal: 1051-IND-2073519

Liquid Ingenuity®

PROJECT COSTS		
Estimated Rental Total		\$3,282.21
Estimated Environmental Recovery Fees		\$106.69
Total Estimated Recurring Charges		\$3,388.90
SERVICES		
Estimated Delivery		\$3,326.90
Estimated Installation		\$2,268.00
Estimated Removal		\$1,260.00
Estimated Pickup		\$3,326.90
Estimated Services		\$456.00
GRAND TOTAL		\$14,026.70

-Estimated costs do not include taxes

-Recurring rental project costs will be on a cycle/week/day basis+ tax

Engine driven equipment will be delivered with at least 50% fuel. A Fuel Convenience Charge will be implemented on a per gallon basis up to the delivered fuel level. Customer acknowledges that the Fuel Convenience Charge is not a retail sale of fuel. Customer may avoid the Fuel Convenience Charge if the Customer returns the Equipment at delivered level. The fuel convenience fee will be charged per gallon. No refunds will be given for a higher level of fuel upon return.

Customer Name

Customer Signature

Date

### Proposal Acknowledgement

By signing this proposal, customer represents that he/she has read and agreed to both the Statement of Work and Quote Agreement sections, and is also agreeing to the grand total amount listed above, plus any recommended optional items if accepted and initialed. If customer requires a Purchase Order number to process and submit payment, it must be supplied to Rain for Rent at the time of acceptance of this proposal.

PO Number:

### Rental Protection Plan

I have received and reviewed the Rental Protection Plan Agreement incorporated as the last page of this estimate. By initialing this paragraph, I understand that I am agreeing to enter into and be bound by the terms of the Rental Protection Plan Program Agreement and that I am authorized to enter into this Agreement on behalf of Customer. FOR ALL RENTALS OF EQUIPMENT, EXCEPT THOSE SPECIFICALLY EXCLUDED, YOU MAY EITHER SHOW PROOF OF PROPERTY INSURANCE IN ACCORDANCE WITH INSURANCE REQUIREMENTS AND RENTAL AGREEMENT OR PURCHASE THE RENTAL PROTECTION. THE PURCHASE OF THE RENTAL PROTECTION PLAN FOR RENTALS OF EQUIPMENT IS NOT MANDATORY AND MAY BE DECLINED IF YOU HAVE PROOF OF ALL RISK PROPERTY INSURANCE AS REQUIRED BY CONTRACT.

RPP	\$492.33	Accept	Decline
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INITIAL

Created Date: 5/17/2023





Rain For Rent  
Sales Rep: Mike Bronze

MALAGA COUNTY WATER DISTRICT  
Account: 7050974  
Proposal: 1051-IND-2073519

## Quote Agreement

If Customer has entered into a Master Service Agreement with Rain for Rent and there is a conflict between these terms and conditions of this Quotation Agreement and the Customer's Master Service Agreement, then the terms and conditions in the Customer's Master Service Agreement signed by Rain for Rent will prevail. Availability of products and services is subject to change without notice. Payment terms are net 30 days from invoice date. Interest at the rate of 18% per year shall be charged on any past due invoice. A Fuel Surcharge will be calculated and invoiced based on the diesel fuel price as published by the Department of Energy on <https://www.eia.gov/petroleum/gasdiesel>. An Environmental Recovery Fee shall apply to all rental charges invoiced for the duration of the rental pursuant to this quote/Estimate to help offset direct and indirect costs associated with regulatory compliance, obtaining permits, and obtaining licenses. California Air Quality Fee will be added to the cost of diesel pumps used in California only. This is a State mandated fee. Customer is prohibited from deducting retention from Rain for Rent invoices and charging Rain for Rent liquidated damages. Customer is responsible for flushing and cleaning tanks, roll off boxes, pipelines, pumps, filters and other Rain for Rent equipment prior to return unless specifically agreed to by both parties in writing. The Terms and Conditions of the Rain For Rent Rental and Hazardous Material and/or Non-Hazardous Waste Agreement, Credit Application/Master Rental & Sales Agreement, Invoice and this Quotation (also known as the Rain for Rent Rental/Sale Estimate as may be referenced in any Master Service Agreement, Blanket Purchase Order, or any other contractual document executed between the parties) contain the complete and final agreement between Rain for Rent and Customer and no other agreement in any way modifying or adding to any of said Terms and Conditions will be binding upon Rain for Rent unless made in writing and signed by a Rain for Rent Corporate Officer or Rain for Rent authorized representative. The Customer cannot alter the equipment without Rain for Rent's prior written approval. Customer is responsible for equipment, repairs, maintenance and damage, excluding normal wear and tear or damage caused by Rain for Rent. Rain for Rent will service all engine driven equipment at a frequency of 400 hours of runtime. This is a billable event; pricing of labor and parts are subject to current market conditions. All returned equipment is subject to inspection by Rain for Rent personnel. Damages and accrued rent will be invoiced to Customer while equipment is out of service for repairs. The Customer is responsible for damage caused by reactive, corrosive or abrasive material; including, but not limited to sand, sodium hydroxide, chlorine, and acids. Customer must notify Rain for Rent immediately of any spill so that any necessary repairs to the system can be made and to minimize service interruption. The Customer assumes all risks of loss due to operation and use of the equipment. Customer will provide "all risk" property insurance for rented equipment. Customer shall pay Rain for Rent additional expenses caused by unforeseen or changing conditions, including, but not limited to, soil, underground conditions, rock formations, environmental conditions, weather events, regulations or restrictions, hard pan, boulders, cesspools, gas lines, waterlines, drain pipes, underground electrical conduits or other above ground or underground obstructions. All equipment rented or used products sold are provided "AS IS, WHERE IS" in their present condition. Rain for Rent makes no warranties, expressed or implied of any kind whatsoever with respect to the equipment or products. Sold equipment is not to be rented. Customer agrees that customer is renting equipment or purchasing used products based on their judgment and evaluation, without reliance upon any statements of representations by Rain for Rent, and that Rain for Rent is not responsible for any defects in their operation or for any repairs, parts or services, unless otherwise noted. All new products sold are provided without warranty beyond the terms of such warranty offered by the manufacturer, if any. Customer must comply with all original manufacturer's terms and conditions for any warranty claims that may arise. Neither Rain for Rent nor the manufacturer warranties the product if it has failed due to corrosion, misuse or damage; (2) it has been altered, repaired or modified in any way that would adversely affect its operation; or (3) it was installed or operated other than in accordance with manufacturer's operating instructions. Products supplied by Rain for Rent are warranted to be free from any defect in workmanship and material under conditions of normal use and service. Rain for Rent's obligation under this warranty is limited to replacing or repairing at the designated manufacturer's or Rain for Rent facility any part or parts returned to it with transportation charges prepaid, which Rain for Rent determines in its sole discretion to be defective. This Quotation excludes any additional costs to Rain for Rent associated with Owner Controlled Insurance (OCIP) or WRAP insurance programs that will be added to Rain for Rent's prices. De-watering, Roll-off, Vacuum boxes and similar equipment are not liquid tight. Rentee accepts full responsibility for all losses, damages and costs caused by or arising out of spills, leakage or discharge from this equipment. Rain for Rent will not be held liable for any structural or soils subsidence. This Quotation is valid for 30 days and is subject to credit approval. Rain for Rent will take every effort to protect our customers and employees. Due to the current pandemic, all quoted equipment and services are subject to delay, change, or unilateral cancellation by Rain for Rent. Please be assured every effort will be made to execute the quote as written. The customer is responsible to inform Rain for Rent of any jobsite hazards, precautions, or entry requirements relating to the Corona Virus prior to Rain for Rent personnel going onsite to perform work or deliver equipment. This includes informing Rain for Rent if anyone at the jobsite has tested positive and provide a list of actions taken to protect Rain for Rent personnel.

## Rental Protection Plan Program Agreement

If you elect to maintain All Risk Property Insurance coverage, and the certificate of insurance You provide to Rain for Rent to evidence Your insurance coverage expires or is cancelled for any reason, You agree Rain for Rent may charge RPP for Your rentals until such time as You provide an acceptable and valid certificate of insurance to Rain for Rent. This Rental Protection Plan Program Agreement (this "RPP Agreement") is entered into between the undersigned Rentor and Rentee in relation to the Master Rental and Sales Agreement (MRSA) between Rentor and Rentee. If Rentee has checked or initialed, as applicable, the Rental Protection Plan Program (the "RPP Program") box on the quote, then Rentee has opted-in to the RPP Program and this RPP Agreement shall supplement the MRSA whether or not executed by Rentee. Rentee understands and agrees that the RPP Program is not insurance and that the RPP Program provides only limited coverage, as described below. 1. Cost; Deductible; Maximum Coverage; Rentee shall pay a fee equal to 15 percent (15%) of the rental charge for each covered item, which fee shall be listed on each invoice during which period Rentee has opted to participate in the RPP Program. In the event of a Covered Occurrence, as defined below, Rentee shall further be responsible for the lesser of \$500 or 10 percent (10%) of the total loss, as a deductible. The maximum coverage available under the RPP Program is \$150,000 per Covered Occurrence, whether or not there is more than one piece of equipment involved in the occurrence. 2. Coverage; The RPP Program provides coverage only for losses involving Covered Equipment, as defined below, in the following instances: fire that was not caused by Rentee's gross negligence or willful misconduct; theft for which a police report was filed, and that occurred despite Rentee's reasonable precautions to protect and secure the covered equipment; and vandalism for which a police report was filed (individually, "Covered Occurrence," and collectively, "Covered Occurrence"). The RPP Program provides coverage only for the following types of equipment: pumps, electric submersible pumps, tanks, generators, light towers, filtration, boxes, heaters, spillguards, safety products, sprinklers, hoses, pipe, valves and fittings ("Covered Equipment"). Coverage does not extend to any equipment not owned by Rentor such as re-rented equipment. 3. Exclusions; The RPP program does not cover any equipment or event of loss that is not specifically described in Section 2. Without limiting the foregoing, the RPP Program does not provide coverage for the following: misuse of equipment; willful abuse of equipment; failure to maintain equipment; failure to secure items from theft (including but not limited to failing to store items in a fenced, locked area or failing to maintain personnel on site); damage or theft while in transit to or from a jobsite; corrosion from any source; any damage caused by named storm events; any instance that occurs while the account is not in good standing, such as a default as defined in the MRSA or upon written notice of non-payment; and any occurrence not reported to Rentor within 24 hours after the occurrence. The RPP program does not provide coverage for: electronic equipment (controls, instrumentation, and wiring), flow meters, water meters, wheel wash systems & accessories, Freezesentry items, or tires. 4. Claims; All claims must be submitted within 24 hours of the Covered Occurrence. Rentor's mechanic will inspect the equipment following any claim. The mechanic's findings as to the cause of the damage and cost of repair will be final. In the event of a theft or vandalism, Rentee must also provide supporting evidence that the site was secured at the time of loss.



# PROVOST & PRITCHARD CONSULTING GROUP

455 W Fir Ave • Clovis, CA 93611-0242 • Tel: (559) 449-2700  
www.provostandpritchard.com

**item 10.a.**

June 6, 2023

Fresno Irrigation District  
2907 S. Maple Ave.  
Fresno, CA 93725-2208

**Attn:** Laurence Kimura, Chief Engineer

**RE: Malaga County Water District Well 5A and Tank 2**

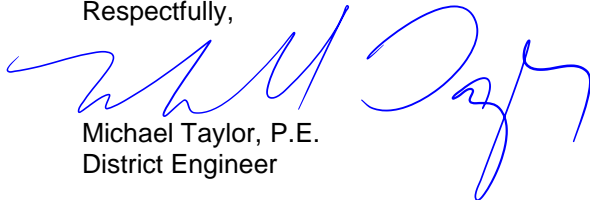
Dear Mr. Kimura:

This letter serves to provide an update for the Malaga Well 5A project. See attached updated plans for your information and review. Comments are provided below to address Fresno Irrigation District (FID) concerns previously identified and discussed.

**Area of Concern**  
**FID's Washington No. 15**

1. The existing chain link fence presently exists 2.8 feet inside of the FID right of way. The existing chain link fence will be removed and replaced with a new chain link fence and will be installed approximately 8 inches from the Fresno Irrigation District Easement. The new chain link fence will include privacy screening. See attached Plans.
2. Storm drainage does not exit the site toward the FID right of way.
3. As noted previously, the survey indicates that a tree is located slightly west of the FID right of way. The existing tree will be removed as a part of the well replacement project.

Respectfully,



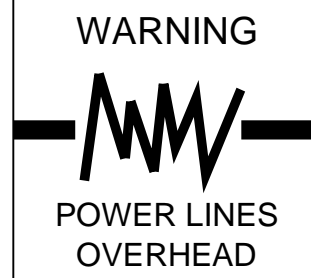
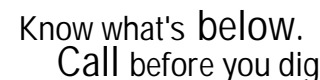
Michael Taylor, P.E.  
District Engineer

Enclosures: Malaga Well 5A and Tank 2 Plans

c: Malaga County Water District, Moises Ortiz  
P&P, Liz Varner  
FID, Jeremy Landrith (jlandrith@fresnoirrigation.com)

\\ppeng.com\pzdata\clients\Malaga CWD - 1057\105722003-Well 5A\200 Technical\217 Permitting\FID\2023 0605 response.docx





**SITE SAFETY AND PROTECTION NOTES**

THE DUTY OF THE ENGINEER, OWNER OR ITS AGENTS TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE AND THE UNDERTAKINGS OF INSPECTIONS OR THE GIVING OF INSTRUCTIONS AS AUTHORIZED HEREIN IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE AND SHALL NOT BE CONSTRUED AS SUPERVISION OF THE ACTUAL CONSTRUCTION NOR MAKE THE ENGINEER, OWNER OR ITS AGENTS RESPONSIBLE FOR PROVIDING A SAFE PLACE FOR THE PERFORMANCE OF WORK BY THE CONTRACTOR, SUBCONTRACTORS, OR SUPPLIERS, OR FOR ACCESS, VISITS, USE, WORK, TRAVEL OR OCCUPANCY BY ANY PERSON.

TO PROTECT THE LIVES AND HEALTH OF CONTRACTOR'S EMPLOYEES UNDER THE CONTRACT, THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, INC., AND SHALL MAINTAIN AN ACCURATE RECORD OF ALL CASES OF DEATH, OCCUPATIONAL DISEASE, AND INJURY REQUIRING MEDICAL ATTENTION OR CAUSING LOSS OF TIME FROM WORK, ARISING OUT OF AND IN THE COURSE OF EMPLOYMENT OR WORK UNDER THE CONTRACT.

THE CONTRACTOR AGREES THAT IT SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, PROVOST & PRITCHARD CONSULTING GROUP, AND THEIR RESPECTIVE AGENTS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF OWNER, ENGINEER, OR THEIR RESPECTIVE AGENTS.

THE OWNER AND ITS AGENT'S SITE RESPONSIBILITIES ARE LIMITED SOLELY TO THE ACTIVITIES OF THEIR EMPLOYEES ON SITE. THESE RESPONSIBILITIES SHALL NOT BE INFERRED BY ANY PARTY TO MEAN THAT THE OWNER OR ITS AGENTS HAVE RESPONSIBILITY FOR SITE SAFETY, SAFETY IN, ON, OR ABOUT THE SITE IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE CONTRACTOR ALONE. THE CONTRACTOR'S METHODS OF WORK PERFORMANCE, SUPERINTENDENCE AND THE CONTRACTOR'S EMPLOYEES, AND SEQUENCING OF CONSTRUCTION ARE ALSO THE SOLE AND EXCLUSIVE RESPONSIBILITIES OF THE CONTRACTOR ALONE.

# WELL 5A IMPROVEMENT PROJECT

Map showing the project location at the intersection of Peach Ave and North Ave. The map includes labels for Willow Ave, Muscat Ave, Jensen Ave, and Clovis Ave. A dashed box highlights the project location, and a line points to it with the label "PROJECT LOCATION". A north arrow is in the bottom right corner.

# SITE MAP

---

NOT TO SCALE

TOPOGRAPHY SHOWN WAS COLLECTED BY PROVOST & PRITCHARD CONSULTING GROUP DURING A FIELD SURVEY CONDUCTED IN MAY OF 2022.

THE BOUNDARY/EASEMENT INFORMATION SHOWN ON THESE  
PLANS IS BASED UPON RECORD INFORMATION TIED TO PHYSICAL  
MONUMENTS, AND WAS PREPARED UNDER THE DIRECTION OF  
BRYAN W. BOWERS, PLS 8469.

CONTROL TABLE CCS ZONE 4(NAD 83) STATE PLANE COORDINATES(USFT)				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	2135800.09	6351470.93	303.64	SET MAG NAIL
102	2135827.61	6351282.78	302.92	SET MAG NAIL

MALAGA COUNTY WATER DISTRICT DATE

1. MALAGA COUNTY WATER DISTRICT (MCWD) SHALL BE CONTACTED AT 559-485-7353 AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK ON OR NEAR EXISTING FACILITIES.
2. USED MATERIAL, REJECTS, MISFITS, OR SECONDS, ETC. ARE NOT ACCEPTABLE FOR USE ON MCWD FACILITIES.
3. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THESE PLANS AND SPECIFICATIONS.
4. CONTRACTOR SHALL SECURE SITE AT ALL TIMES AND PROHIBIT ACCESS DURING ANY NON-WORKING HOURS.
5. CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING FACILITIES PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT (USA) AT 8-1-1. CONTRACTOR SHALL MAKE ENGINEER AWARE OF ANY DISCREPANCIES.
6. THE CONTRACTOR SHALL POTHOLE ALL EXISTING FACILITIES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION TO ALLOW ADVANCE DECISIONS TO BE MADE ON NECESSARY RELOCATIONS OR GRADE CHANGES TO PROPOSED FACILITIES. THE DISTRICT AND RESPECTIVE UTILITY AUTHORITY SHALL APPROVE FIELD CHANGES THAT INCLUDE ANY RELOCATIONS AND GRADE CHANGES ASSOCIATED WITH EXISTING FACILITY CONFLICTS.
7. THE EXISTING MALAGA COUNTY WATER DISTRICT'S WATER DISTRIBUTION SYSTEM IS SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS BASED ON INFORMATION PROVIDED BY THE DISTRICT. THE CONTRACTOR SHALL COORDINATE WITH THE DISTRICT'S REPRESENTATIVE TO IDENTIFY THE LOCATION OF EXISTING WATER FACILITIES IN THE FIELD. THE CONTRACTOR IS RESPONSIBLE FOR POTHOLING AND PHYSICALLY VERIFYING THE LOCATION AND DEPTH OF WATER AND SEWER FACILITIES.
8. THE CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY FRESNO COUNTY AND THE OWNER. THE CONTRACTOR SHALL OBTAIN ALL OTHER PERMITS REQUIRED TO PERFORM THE WORK AND SHALL ABIDE BY THE CONDITIONS OF THE PERMITS AND SHALL PERFORM ALL WORK ORDERED BY SAID PERMITS IN CONFORMANCE THEREWITH AND AS DIRECTED BY THE ENGINEER.
9. UTILITY INFORMATION SHOWN HEREIN IS BASED ON RECORD INFORMATION SUPPLIED TO THE ENGINEER. THE ENGINEER CAN MAKE NO GUARANTEE AS TO THE ACCURACY OR COMPLETENESS OF THE UTILITY FACILITIES. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN EXCAVATING IN PROXIMITY OF EXISTING FACILITIES AND PROTECT EXISTING FACILITIES.
10. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS OF THE STATE OF CALIFORNIA AND CAL/OSHA STANDARDS.
11. ALL EXCESS MATERIAL AND/OR DEBRIS SHALL BE REMOVED UPON COMPLETION OF INSTALLATION.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE DUST CONTROL AT ALL TIMES AS SPECIFIED IN SECTION 01 57 27 OF THE PROJECT SPECIFICATIONS.
13. CONTRACTOR SHALL COMPLY WITH THE ENVIRONMENTAL MITIGATION MEASURES SPECIFIED IN SECTION 01 57 19 OF THE PROJECT SPECIFICATIONS.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR STORMWATER RUNOFF FROM THE SITE AND SHALL PROVIDE PROTECTION OF ANY STORM DRAIN FACILITIES IN THE PROJECT VICINITY PER SPECIFICATION SECTION 01 57 23.
15. CONTRACTOR TO COORDINATE ANY DISRUPTIONS TO THE WATER SYSTEM WITH THE DISTRICT CONTRACT OPERATOR AT LEAST 48 HOURS IN ADVANCE.
16. DISTRICT STAFF TO BE SOLE OPERATOR OF ALL SYSTEM VALVES, HYDRANTS, AND SERVICES. COORDINATION BY CONTRACTOR WITH THE DISTRICT WATER SUPERINTENDENT SHALL BE REQUIRED FOR DISTRICT SHUT-OFF OF SYSTEM.
17. THE DISTRICT OR THEIR AGENT SHALL INSPECT ALL WORK ASSOCIATED WITH THIS PROJECT FOR CONFORMANCE WITH THESE PLANS AND PROJECT SPECIFICATIONS.
18. THE CONTRACTOR SHALL TRIM ANY SHRUBBERY OR TREE BRANCHES THAT MAY IMPEDE MOBILIZING ONTO THE SITE. FULL COMPENSATION FOR TREE TRIMMING SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE AND NO SEPARATE PAYMENT WILL BE MADE THEREFORE. SHRUBBERY OR TREE REMOVAL SHALL NOT BE PERFORMED WITHOUT ENGINEER OR DISTRICT APPROVAL.
19. ALL EXCESS MATERIAL AND/OR DEBRIS SHALL BE REMOVED UPON COMPLETION OF INSTALLATION.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE DUST CONTROL AT ALL TIMES.

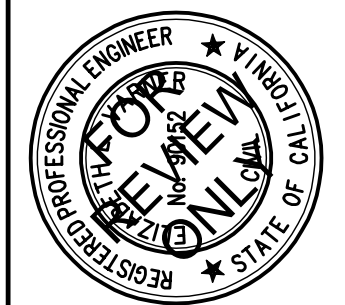
SHEET INDEX	
SHEET NO.	DESCRIPTION
GENERAL	
G1	COVER SHEET
G2	LEGEND AND NOTES
G3	STRUCTURAL NOTES
G4	PROCESS FLOW DIAGRAM
G5	VALVE AND INSTRUMENT SCHEDULES
G6	HYDRAULIC PROFILE
CIVIL	
C1	WELL 5A DEMOLITION PLAN
C2	PROPOSED SITE PLAN
C3	GRADING PLAN
C4	SITE PIPING PLAN
C5	SITE SECTION A
C6	SITE SECTION B
DETAILS	
CD1	
CD2	WELL EQUIPMENT DETAILS
CD3	WELL EQUIPMENT DETAILS
CD4	HYDROPEUMATIC TANK AND ELEVATION
CD5	CHAIN LINK FENCE AND DETAILS
CD6	STRUCTURAL DETAILS
CD7	STRUCTURAL DETAILS
CD8	MISCELLANEOUS SITE DETAILS
CD9	MISCELLANEOUS SITE DETAILS
CD10	MISCELLANEOUS SITE DETAILS

ELECTRICAL	
E1	WELL SITE NO 5A VICINITY MAP
E2	ELECTRICAL PLAN
E3	TRHREE LINE DIAGRAM
E4	DETAILS
E5	DETAILS
E6	DETAILS
E7	DETAILS
E8	DETAILS
E9	DETAILS

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<p>LL 5A IMPROVEMENT PROJECT</p> <p>MALAGA COUTY WATER DISTRICT</p> <p>FRESNO COUNTY, CA</p> <p>GENERAL</p>
-------------------------------------------------------------------------------------------------------------

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559/449-2700 FAX 559/449-2715

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LICENSE NO:

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DATE: 04-19-2023
JOB NO: 105722003

PROJECT NO: 105722003
PHASE:

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SHEET **G1**

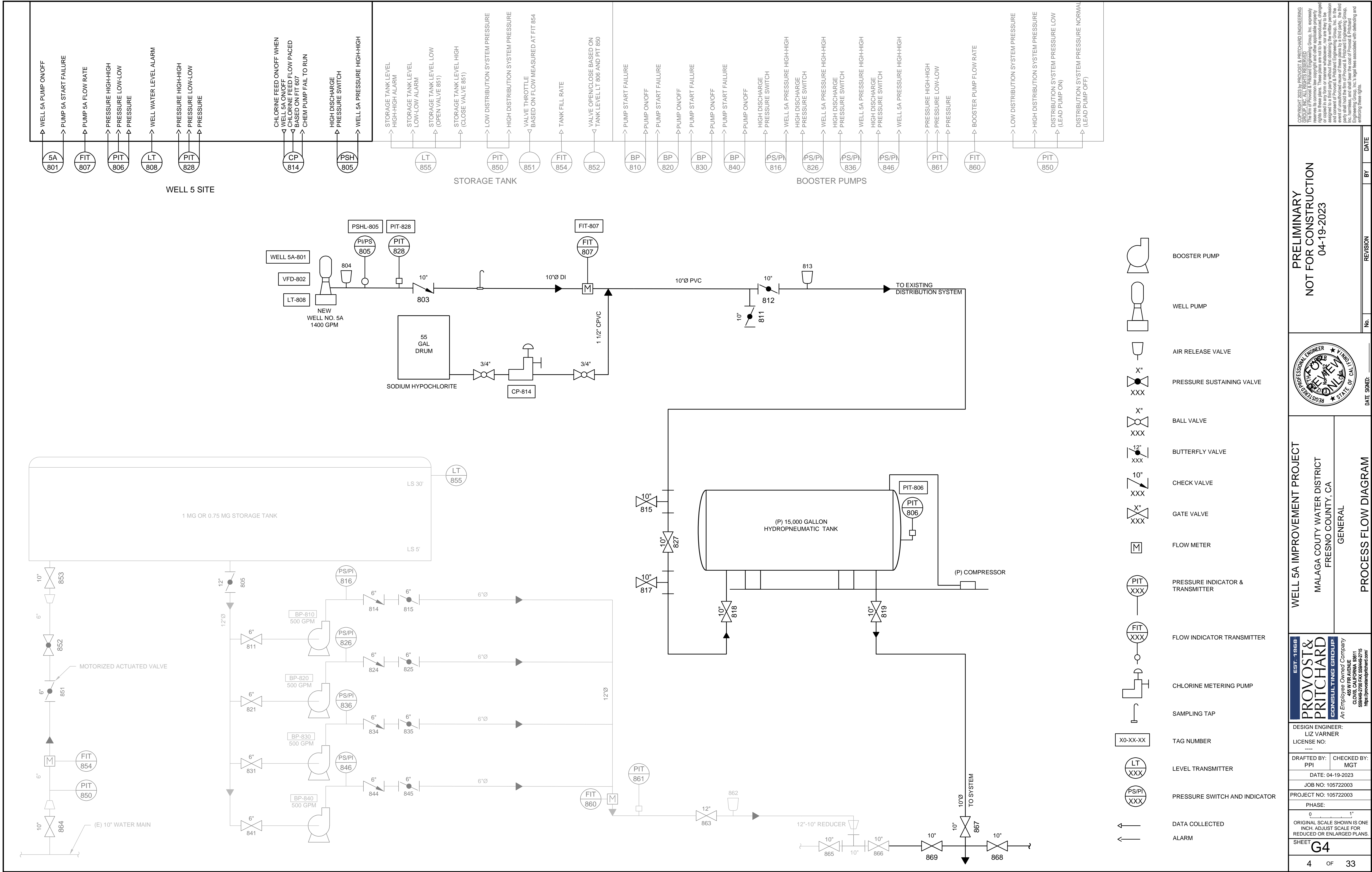














Malaga CWD - Equipment/Instrument List						
Water Supply Well and Storage Tank						
Equipment/Instrument	Location	P&ID Number	Power, Voltage, Phase	Signal to	Purpose	Notes
Well 5A Pump	Well 5A Site	801	200 hp, 460V/3ph	Well Site PLC	Supplies water to the distribution system	VFD, high pressure switch; pump horsepower 200 hp rating.
Well 5A VFD	Well 5A Site	802	460V/ 3ph	Well Site PLC	Allows variable speed pump operation	Variable speed to meet different operation scenarios
Well 5A Sounder	Well 5A Site	808	28VDC, 20 mA	Well Site PLC	Monitor water level	low-low or high-high level alarm
Well 5A high discharge pressure switch	Well 5A Site	805	24VDC	Well Site PLC	Well pump shut off	Shuts pump off if pressure is too high
Well 5A high discharge pressure transmitter	Well 5A Site	828	24VDC	Well Site PLC	Trigger high-high and low-low alarm for well pump	Pressure transmitter in well pump panel for high-high and low-low alarm
Hydro Tank high discharge pressure transmitter	Well 5A Site	806	24VDC	Well Site PLC	Signal for Well pump on/off	Pressure transmitter in well pump panel to control pump on/off
Flow meter - Well 5A discharge	Well 5A Site	807	24VDC	Well Site PLC	Records flows being produced from Well 5A	Flow meter on new well discharge manifold to record flows from well (magnetic flow meter), also totalizes the flow
Sodium Hypochlorite Feed Pump	Well 5A Site	814	115 V, 1ph	Well Site PLC	Chemical Feed	Pumps to be on if operator sets as on. Rate to be that needed to maintain a residual, likely from 1.5 to 2.5 mg/L NaOCl.

Malaga CWD - Valve Schedule							
Water Supply Well and Storage Tank							
	Valve Identifier	Size	Type	Control	Exposed	Buried	Notes
Well 5A Pump and Pipeline (800-839)	803	10"	Check Valve	Manual	X		Well 5A discharge check valve
	804	2"	Air Release Valve	Manual	X		Air Release valve at well head
	811	10"	Butterfly Valve	Manual	X		Well 5A flush line
	812	10"	Butterfly Valve	Manual	X		Well 5A discharge line shut off for flushing purposes
	813	2"	Air Release Valve	Manual	X		Air Release Valve at tee for future treatment
	815	10"	Gate Valve	Manual		X	Well 5A connection to future treatment
	817	10"	Gate Valve	Manual		X	Well 5A return from future treatment
	818	10"	Gate Valve	Manual		X	Hydropneumatic tank inlet close/open
	819	10"	Gate Valve	Manual		X	Hydropneumatic tank outlet close/open
	827	10"	Gate Valve	Manual		X	Well 5A shut off for future treatment
Water Distribution System	867	10"	Gate Valve	Manual		X	Valve from Main Line to Well 5A site
	868	10"	Gate Valve	Manual		X	Main Line Valve
	869	10"	Gate Valve	Manual		X	Main Line Valve

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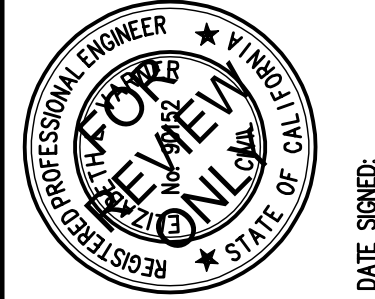
SHEET

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OF

33



WELL 5A IMPROVEMENT PROJECT

MALAGA COUITY WATER DISTRICT  
FRESNO COUNTY, CA

GENERAL

VALVE AND INSTRUMENT SCHEDULES

PRELIMINARY

NOT FOR CONSTRUCTION

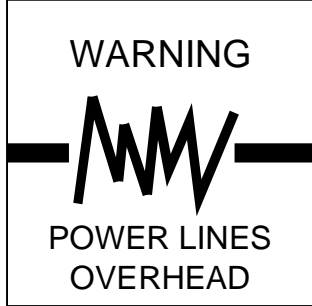
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MGT

DATE: 04-19-2023

JOB NO: 105722003

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PHASE:  
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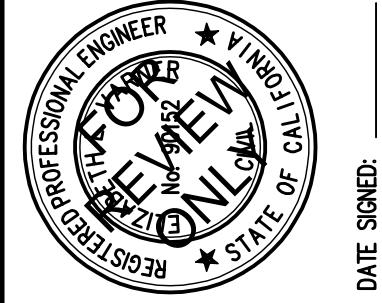
7 OF 33

WELL 5A IMPROVEMENT PROJECT

MALAGA COUITY WATER DISTRICT  
FRESNO COUNTY, CA

GENERAL

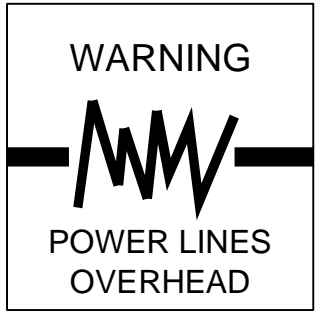
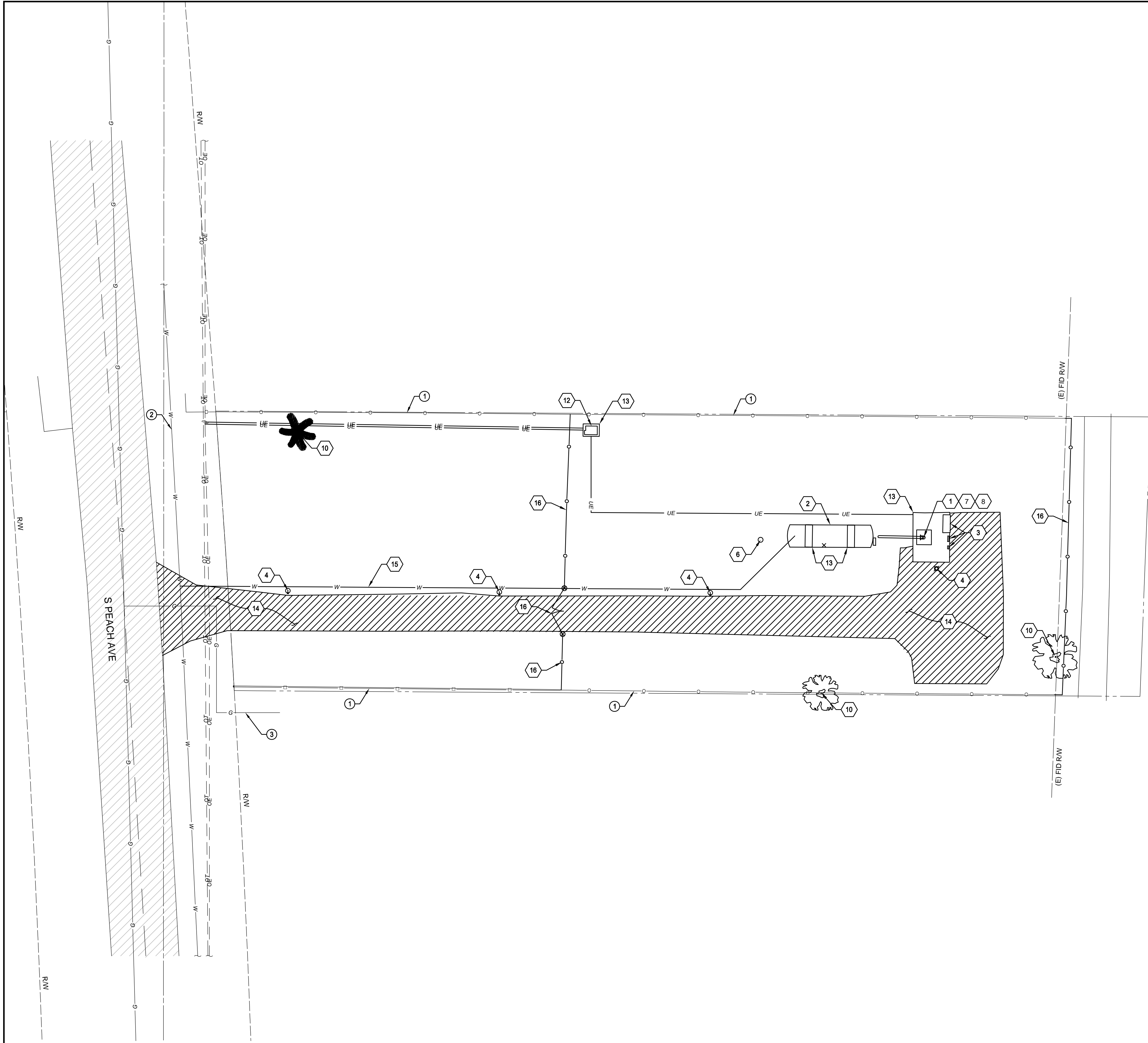
WATER DISPOSAL MAP



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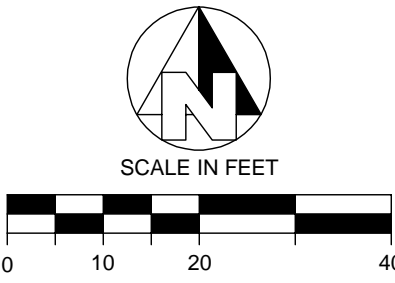




DEMOLITION SYMBOLS	
1	EXISTING WELL TO BE DEMOLISHED PER DETAIL 5 ON SHEET CD1
2	EXISTING HYDROPNEUMATIC TANK AND ASSOCIATED PIPING TO BE REMOVED
3	EXISTING ELECTRICAL EQUIPMENT AND SERVICE TO PUMP TO BE REMOVED. COORDINATE WITH PG&E.
4	EXISTING YARD LIGHT AND CONDUITS TO BE REMOVED
5	EXISTING CONCRETE PAVEMENT TO BE REMOVED
6	EXISTING SERVICE TO IRRIGATION LINE, VALAVES, AND BOXES TO BE REMOVED
7	REMOVE WELL PUMP, MOTOR, AND COLUMN
8	REMOVE WELL EQUIPMENT
9	NOT USED
10	REMOVE AND DISPOSE OF (E) TREE
11	NOT USED
12	EXISTING TRANSFORMER TO BE REMOVED. COORDINATE WITH PG&E.
13	EXISTING CONCRETE FOUNDATIONS TO BE REMOVED
14	REMOVE EXISTING ASPHALT
15	REMOVE & DISPOSE OF (E) 10" WATER LINE
16	REMOVE AND DISPOSE OF (E) FENCE AND GATE

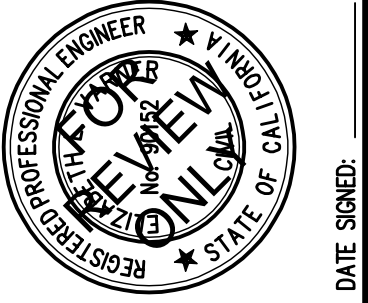
PROTECTION SYMBOLS	
1	EXISTING FENCE TO BE PROTECTED IN PLACE
2	EXISTING WATER MAIN TO BE PROTECTED IN PLACE
3	EXISTING GAS LINE TO BE PROTECTED IN PLACE

- GENERAL NOTES**
- REFER TO SPECIFICATION SECTION 02 41 00 FOR DEMOLITION REQUIREMENTS
  - REFER TO SPECIFICATION SECTION 31 11 00 FOR CLEARING AND GRUBBING REQUIREMENTS.
  - EXISTING BURIED UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL EXPOSE UTILITIES TO DETERMINE EXACT LOCATIONS AS THE FIRST ORDER OF WORK, PRIOR TO DEMOLITION.
  - ALL EQUIPMENT AND MATERIALS TO BE REMOVED AND/OR DEMOLISHED SHALL BE DISPOSED OF OFFSITE BY THE CONTRACTOR.
  - THE CONTRACTOR SHALL BACKFILL AND COMPACT VOIDS, HOLES AND UNEVEN GROUND RESULTING FROM DEMOLITION WITH ENGINEERED FILL IN CONFORMANCE WITH THE TRENCH BACKFILL DETAILS AND SPECIFICATIONS.



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WELL 5A IMPROVEMENT PROJECT  
MALAGA COUTY WATER DISTRICT  
FRESNO COUNTY, CA  
CIVIL  
WELL 5A DEMOLITION PLAN

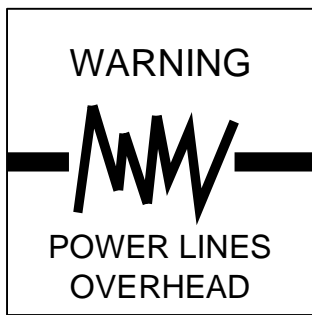
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CLOVIS, CALIFORNIA 93611  
504-462-7700 FAX 504-462-2716  
https://www.provostandpritchard.com

DESIGN ENGINEER:  
LIZ VARNER  
LICENSE NO.:  
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DRAFTED BY: PPI  
CHECKED BY: MGT  
DATE: 04-19-2023  
JOB NO: 105722003  
PROJECT NO: 105722003  
PHASE:  
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SHEET  
**C1**  
8 OF 33







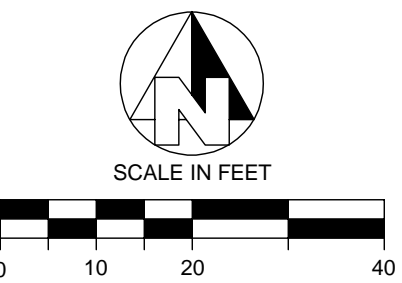


NOTES

1. GRADING QUANTITIES ARE INFORMATIONAL ONLY AND DO NOT ACCOUNT FOR SHRINKAGE OR EXPANSION. CONTRACTOR TO PREPARE OWN ESTIMATE FOR BIDDING PURPOSES.
2. THE BELOW ESTIMATED MATERIAL QUANTITIES ARE FOR THE WELL SITE ONLY. THE BELOW CUT/FILL QUANTITIES ARE FOR THE ENTIRE SITE. SEE SPECIFICATION SECTION 01 22 00 FOR A BREAKDOWN OF QUANTITIES FOR EACH BIDDABLE PLAN SET. SEE BORDER ON PLAN FOR AREA BREAKDOWN.
- CUT = 713± CUBIC YARDS  
FILL = 69± CUBIC YARDS  
AC = 112± CUBIC YARDS  
AB = 284± CUBIC YARDS  
CONC = 15± CUBIC YARDS
3. EXCAVATE A MINIMUM OF 1 FOOT BELOW ALL SITE STRUCTURES, SCARIFY 8" BELOW THE EXCAVATION, AND RECOMPACT IN LOOSE LAYERS OF NO MORE THAN 8", AND COMPACT TO 92% RELATIVE DENSITY.

LEGEND

- DIRECTION OF SURFACE FLOW
- ▬ CONSTRUCT SIDEWALK, OR VALLEY GUTTER
- ▬ CONSTRUCT AC PAVING WITH REDWOOD HEADER
- ▬ AGGREGATE BASE
- ▬ GRADING DIVIDER BETWEEN TANK AREA GRADING AND WELL SITE GRADING. SEE BID ITEMS XX AND XX.
- AC ASPHALT CONCRETE PAVING  
C CONCRETE ELEV  
(E) EXISTING  
FF FINISHED FLOOR  
FG FINISHED GRADE  
FL FLOW LINE  
GB GRADE BREAK  
TC TOP OF CURB  
TG TOP OF GRATE



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LIZ VARNER  
LICENSE NO.:

DRAFTED BY: PPI  
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PROJECT NO: 105722003

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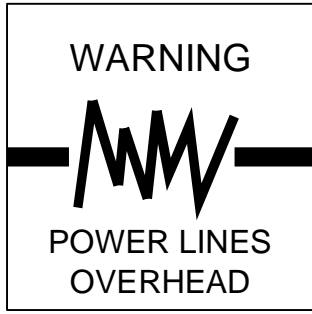
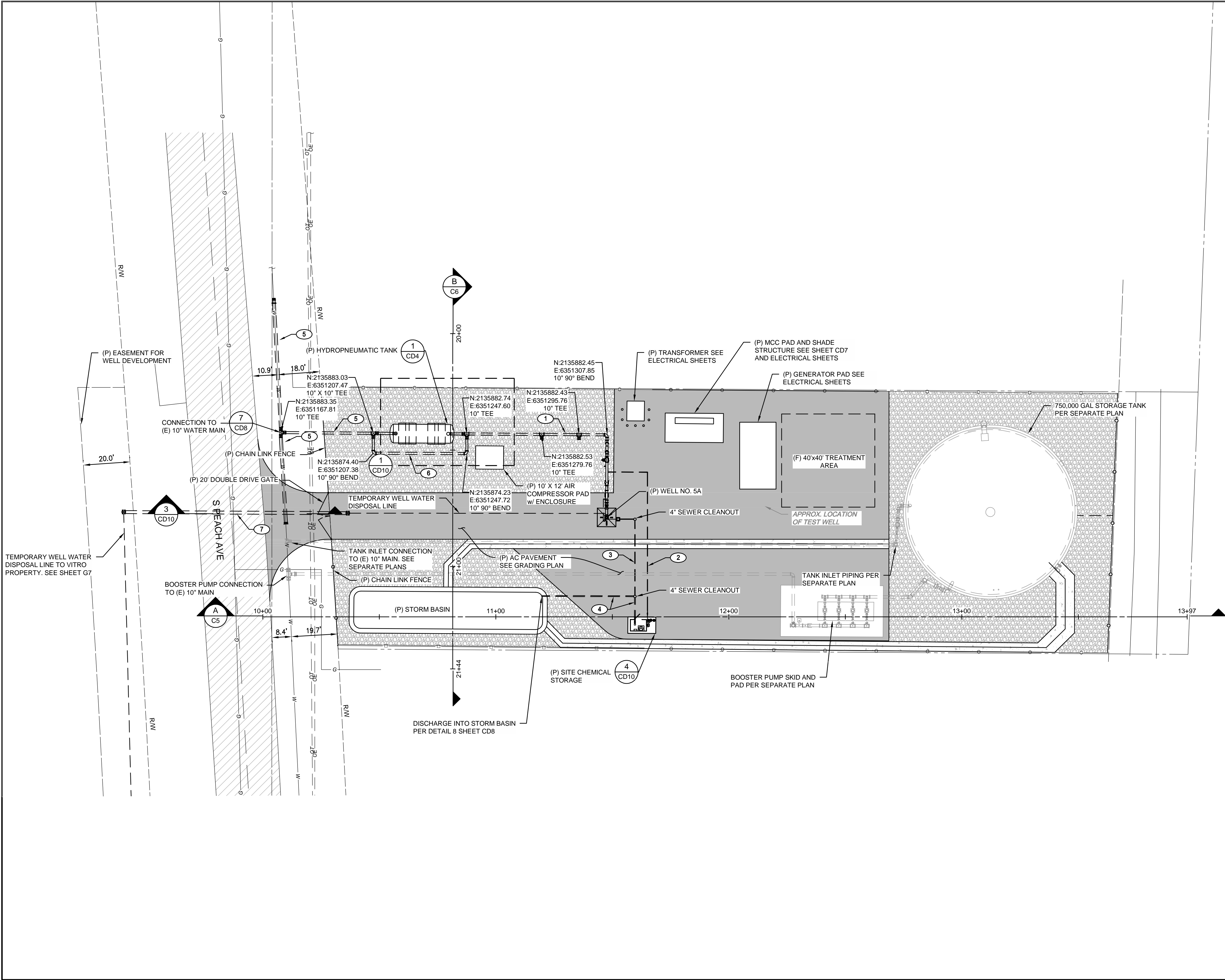
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SHEET  
**C3**

10 OF 33

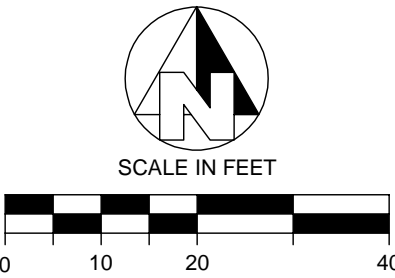
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- PIPE SCHEDULE**
- 1 10" PVC FROM WELL TO DISTRIBUTION
  - 2 1 1/2" HDPE PIPE FROM WELL EQUIPMENT TO BACKFLOW PREVENTOR, AND EYEWASH STATION
  - 3 2" PVC FROM WELL LUBRICATION DRAIN TO SEWER CLEANOUT PER DETAIL X SHEET XX.
  - 4 4" PVC SDR 25 SANITARY SEWER TO DRAIN TO ON-SITE BASIN
  - 5 10" PVC TO FROM HYDROTANK TO DISTRIBUTION
  - 6 10" PVC HYDROPNEUMATIC TANK BYPASS PER DETAIL 1 SHEET CD10
  - 7 PERMANENT WELL DEVELOPMENT DISCHARGE PIPING TO BE INSTALLED UNDER ROADWAY. SEE SHEET C5 AND C6 FOR SECTION DETAIL.

- NOTES**
- WHERE 12" MINIMUM CLEARANCE CANNOT BE MET FOR WATER MAIN CROSSING UNDER OR OVER PROPOSED OR EXISTING SANITARY SEWER LINE, CEMENT SLURRY PER DETAIL 1 ON SHEET D11.
  - ALL PIPING SHALL BE INSTALLED A MINIMUM OF 3.5' BELOW FG. PIPE TRENCH AND BEDDING REQUIREMENTS PER DETAIL 5 ON SHEET D12.
  - ISOLATION VALVES LOCATED AT WILLOW AND CENTRAL AVENUE, AND WARD AND CENTRAL AVENUE. CONTRACTOR TO COORDINATE WITH MCWD FOR SYSTEM SHUTOFF.
  - ALL ABOVE GROUND PIPING SHALL BE DIP CL 350. BELOW GROUND PIPING TO BE DR 18 PVC.
  - TRENCH RESURFACING PER COUNTY OF FRESNO STANDARDS FROM WATER MAIN TO EDGE OF DRIVEWAY. SEE DETAIL 4 ON SHEET D12.



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MGT  
DATE: 04-19-2023  
JOB NO: 105722003  
PROJECT NO: 105722003  
PHASE:  
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SHEET  
**C4**  
11 OF 33

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**WELL 5A IMPROVEMENT PROJECT**  
MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA  
CIVIL

**SITE PIPING PLAN**

DATE SIGNED: \_\_\_\_\_  
BY: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_

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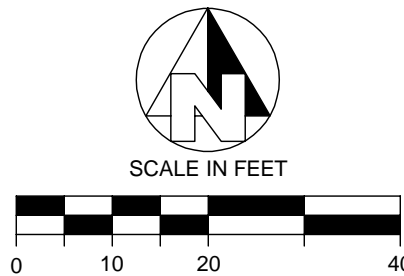
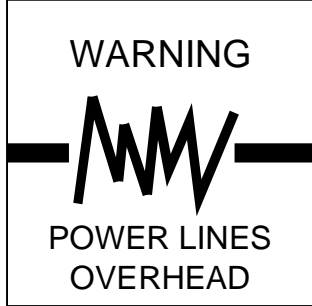
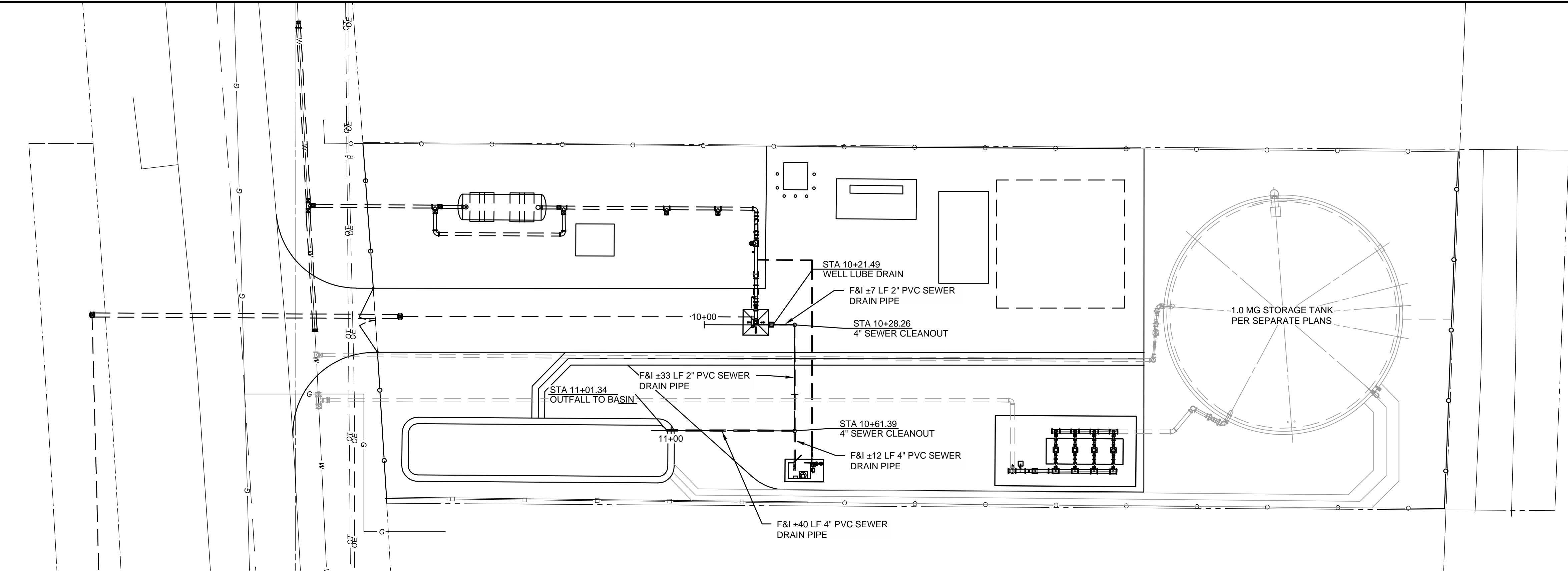




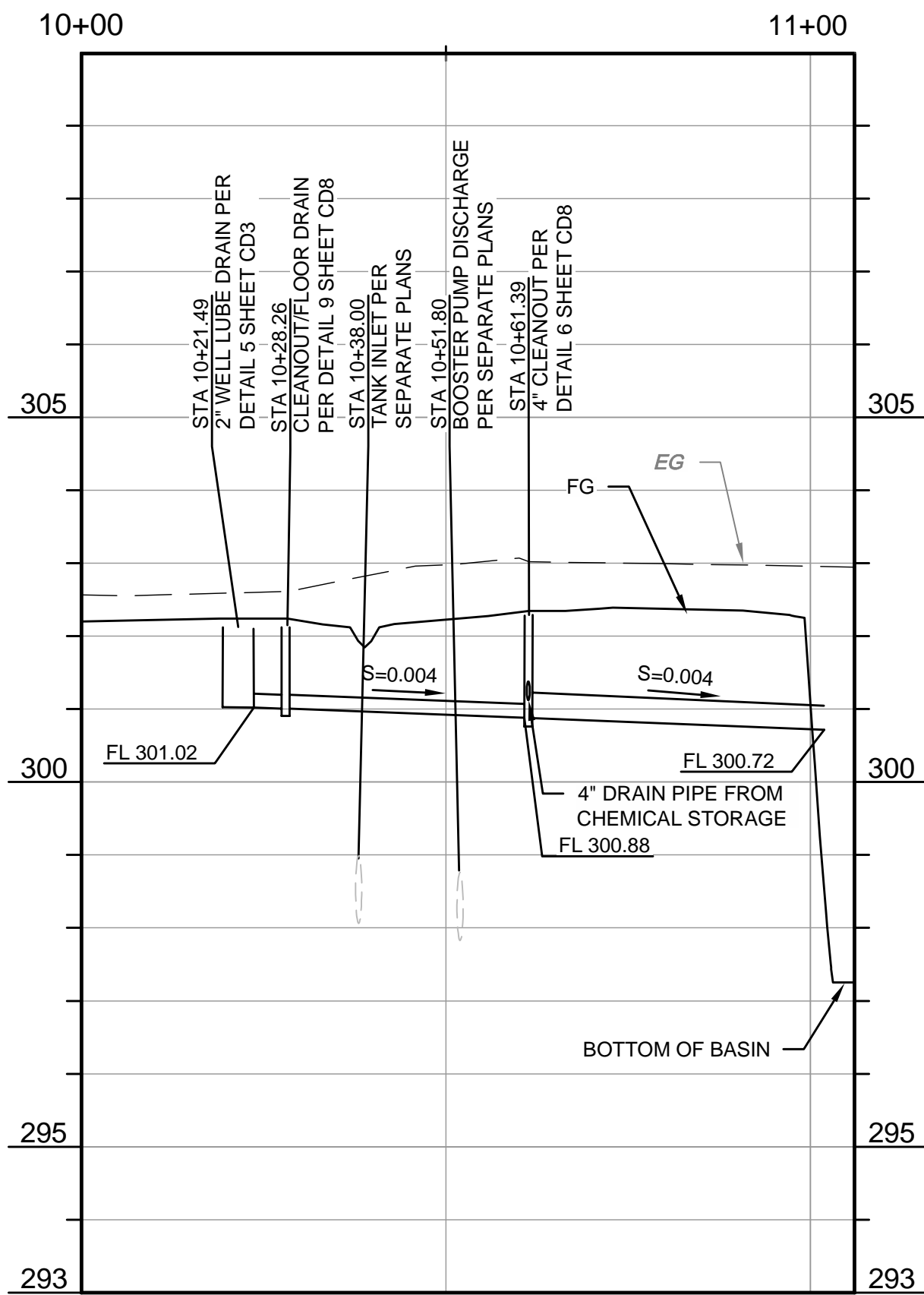








4-INCH SDR 35 SEWER DRAIN  
PIPE PROFILE



CONSTRUCTION NOTES

- CONTRACTOR SHALL POTHOLE TO VERIFY LOCATION, DEPTH, AND SIZE OF EXISTING CONNECTIONS AS FIRST ORDER OF WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

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DESIGN ENGINEER:  
LIZ VARNER  
LICENSE NO. ---

DRAFTED BY:  
PPI

CHECKED BY:  
MGT

DATE: 04-19-2023

JOB NO: 105722003

PROJECT NO: 105722003

PHASE:

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SHEET

**C7**

14

OF

33

WELL 5A IMPROVEMENT PROJECT

MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA

CIVIL

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NOT FOR CONSTRUCTION  
04-19-2023

PROFESSIONAL ENGINEER  
LIZ VARNER  
STATE OF CALIFORNIA  
NO. 51601

DATE SIGNED: \_\_\_\_\_

REVISION

BY

DATE

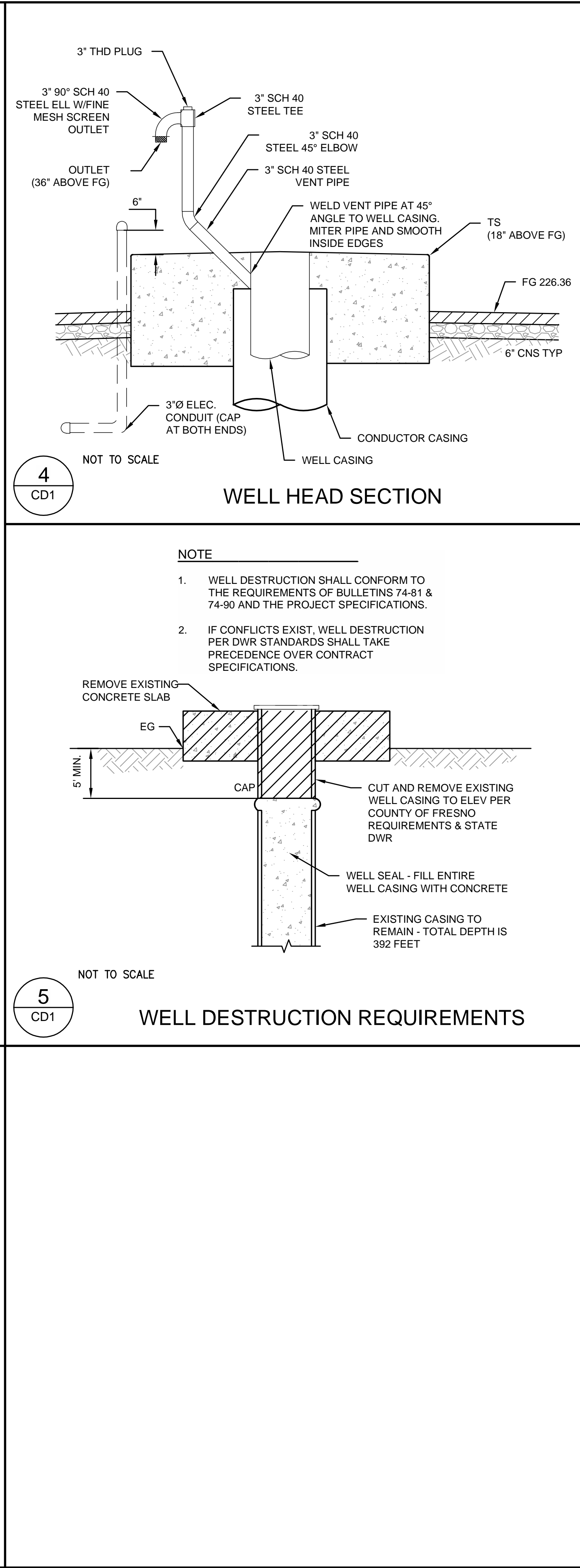
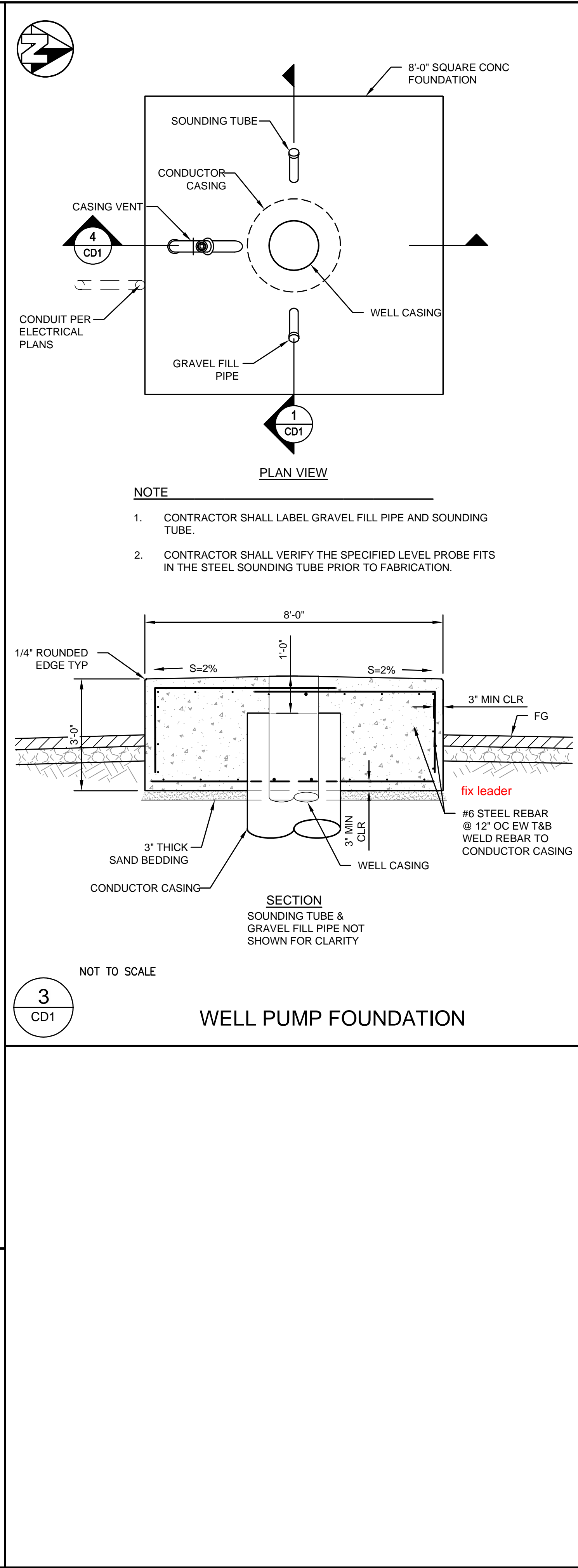
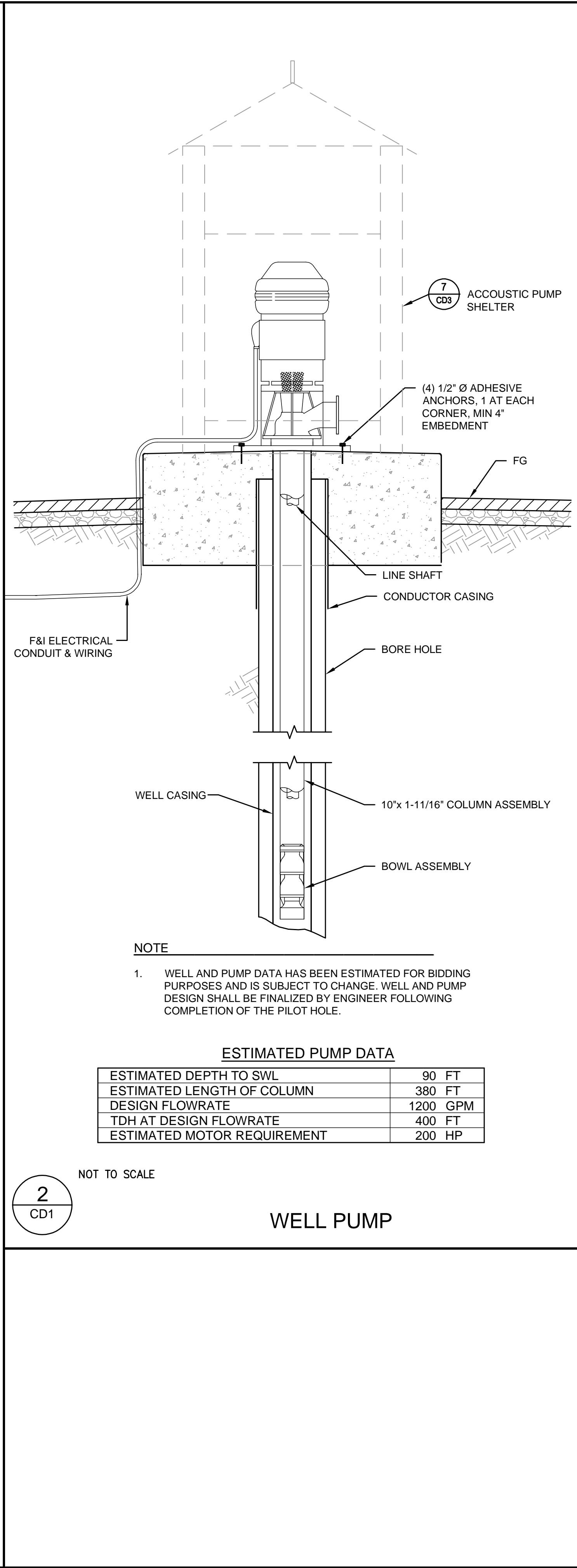
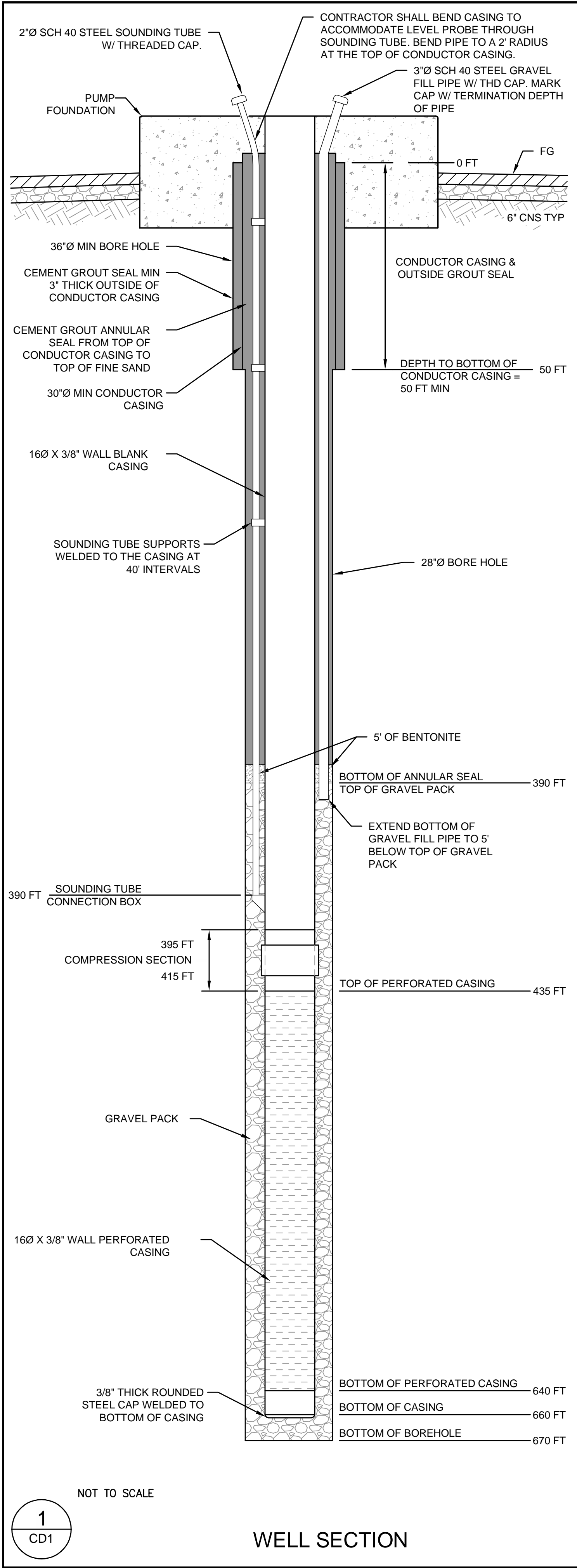
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Logan Keaman

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WELL 5A IMPROVEMENT PROJECT  
MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA  
DETAILS

WELL DETAILS

DESIGN ENGINEER:  
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LICENSE NO.:  
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DATE: 04-19-2023

JOB NO: 105722003

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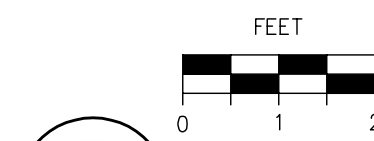
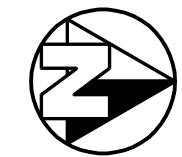
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SHEET  
CD1

15 OF 33

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## WELL EQUIPMENT ELEVATION

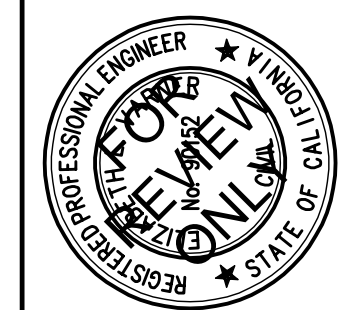
1. ALL HOLES WITHIN THE PUMP HEAD MUST BE SEALED.
2. ALL TUBING SHALL BE INSULATED TO PROTECT FROM FREEZING.
3. SOUNDING TUBE SHALL BE FITTED WITH A MEASUREMENT SPECIALTIES KFSI MODEL 7010 CABLE WITH POLYURETHANE CABLE PERMANENT WATER LEVEL TRANSDUCER. INSTALL TO A DEPTH OF 400 FEET.
4. ABOVE GROUND FITTINGS SHALL BE FLANGED.

MATERIAL LIST	
NO.	DESCRIPTION
1	10" DRESSER COUPLING W/ THRUST RESTRAINT BETWEEN 2-10"Ø FLANGED STUBS
2	10"Ø TYPE 11 CHECK VALVE
3	6" CAMLOCK HOSE CONNECTION & 50' HOSE
4	10"Ø TYPE 1 BUTTERFLY VALVE W/ HAND WHEEL
5	10" BLIND FLANGE
6	SS SADDLE AND 1 1/2"Ø TAP, BALL VALVE AND PVC UNION
7	TYPE 5 PRESSURE GAGE AND TYPE 4 HIGH LOW PRESSURE SWITCH PER DETAIL 2 ON SHEET CD3
8	ADJUSTABLE PIPE SUPPORT - SEE DETAIL 1 ON SHEET CD9
9	SAMPLE TAP - SEE DETAIL 3 ON SHEET CD3
10	CHLORINATION INJECTION TAP - SEE DETAIL 4 ON SHEET CD
11	10" 45° ELBOW FLG.XFLG.
12	10" 45° ELBOW MJ X MJ
13	10" 90° ELBOW FLG.XFLG.
14	48" CIRCULAR SUMP
15	10" GROOVED COUPLING
16	TYPE 2 PRESSURE TRANSMITTER
17	10"Ø DIP CL 350

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WELL 5A IMPROVEMENT PROJECT	MALAGA COUTY WATER DISTRICT FRESNO COUNTY, CA	DETAILS
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## WELL EQUIPMENT DETAILS

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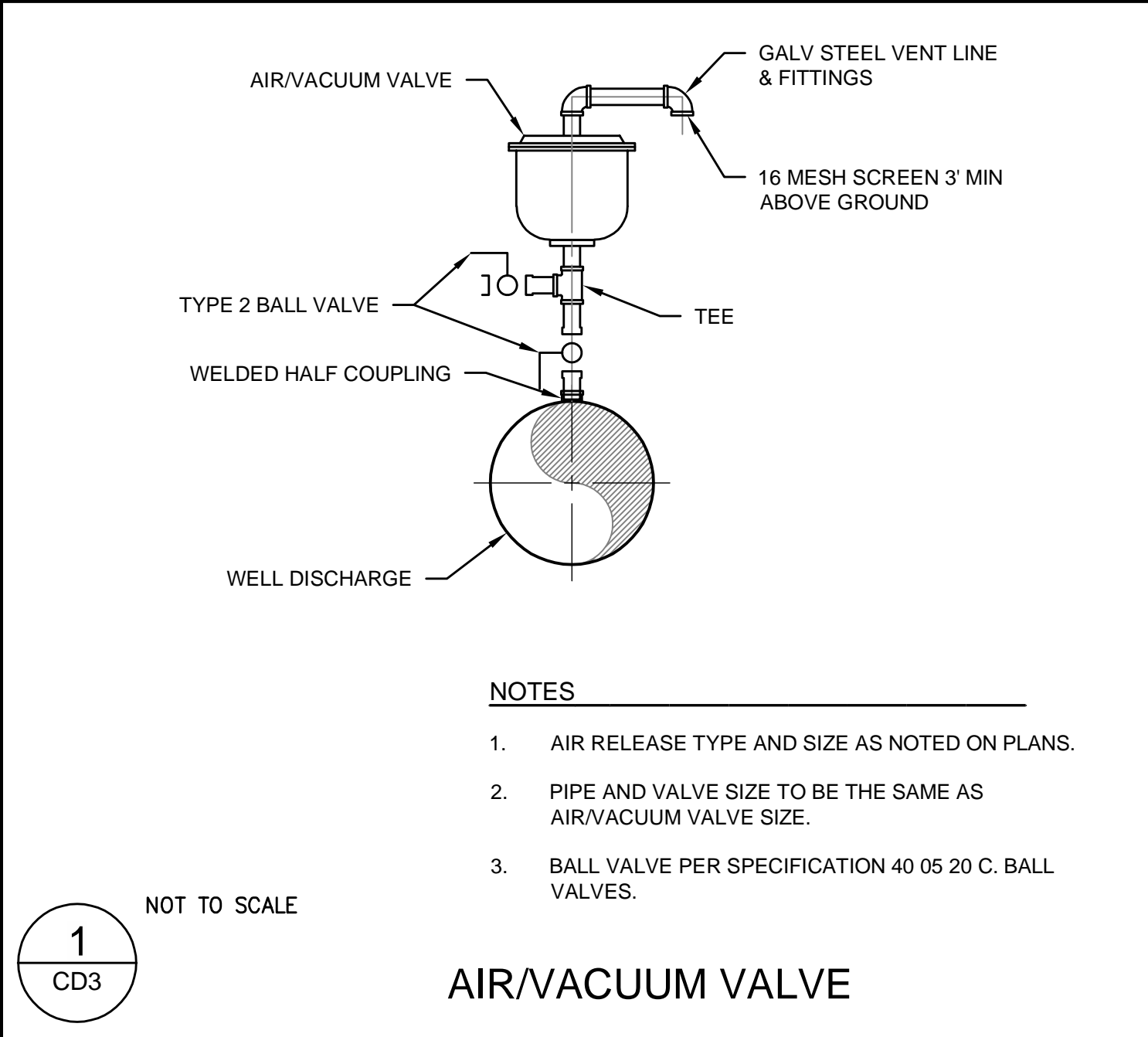
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SHEET CD3

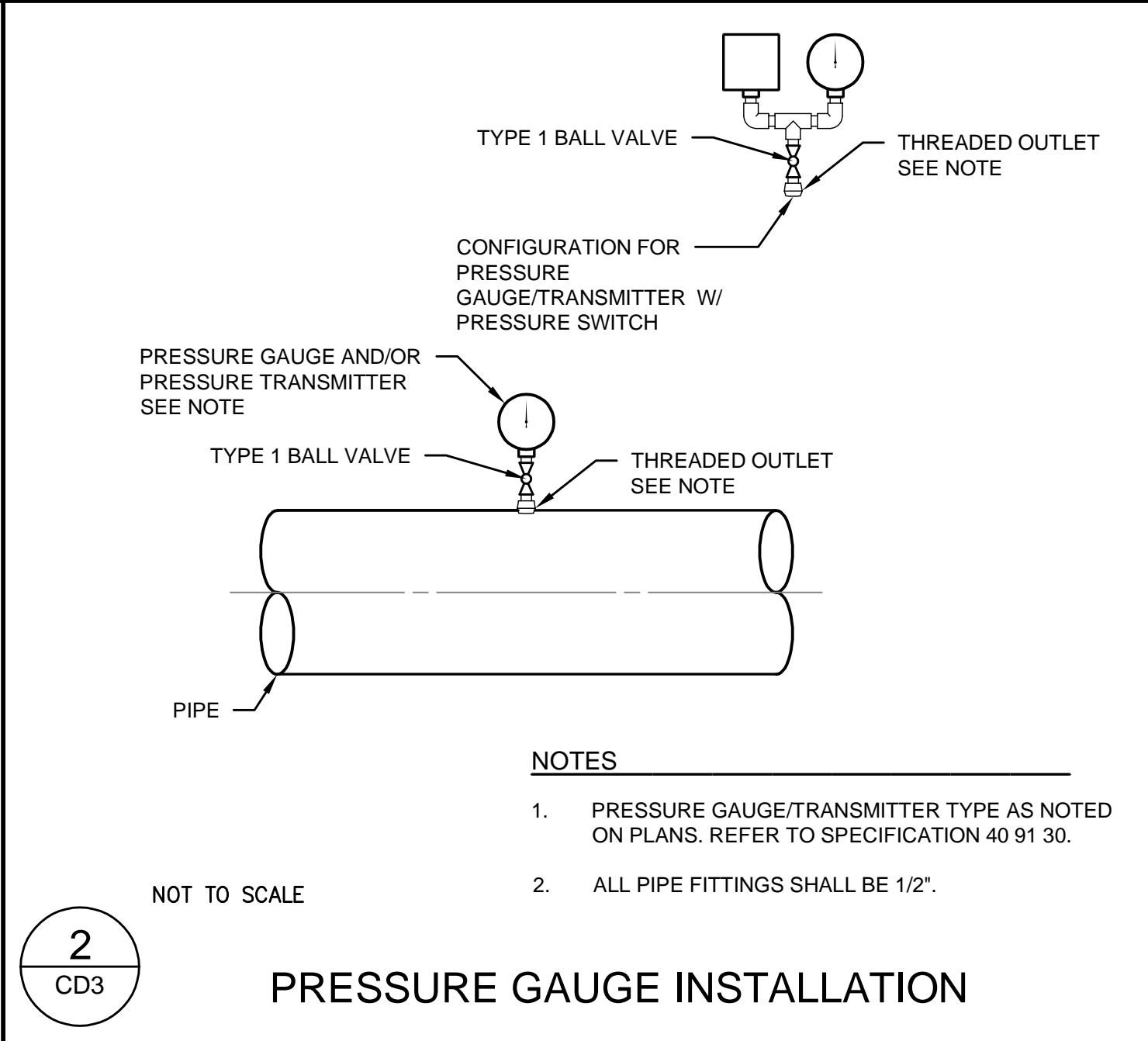
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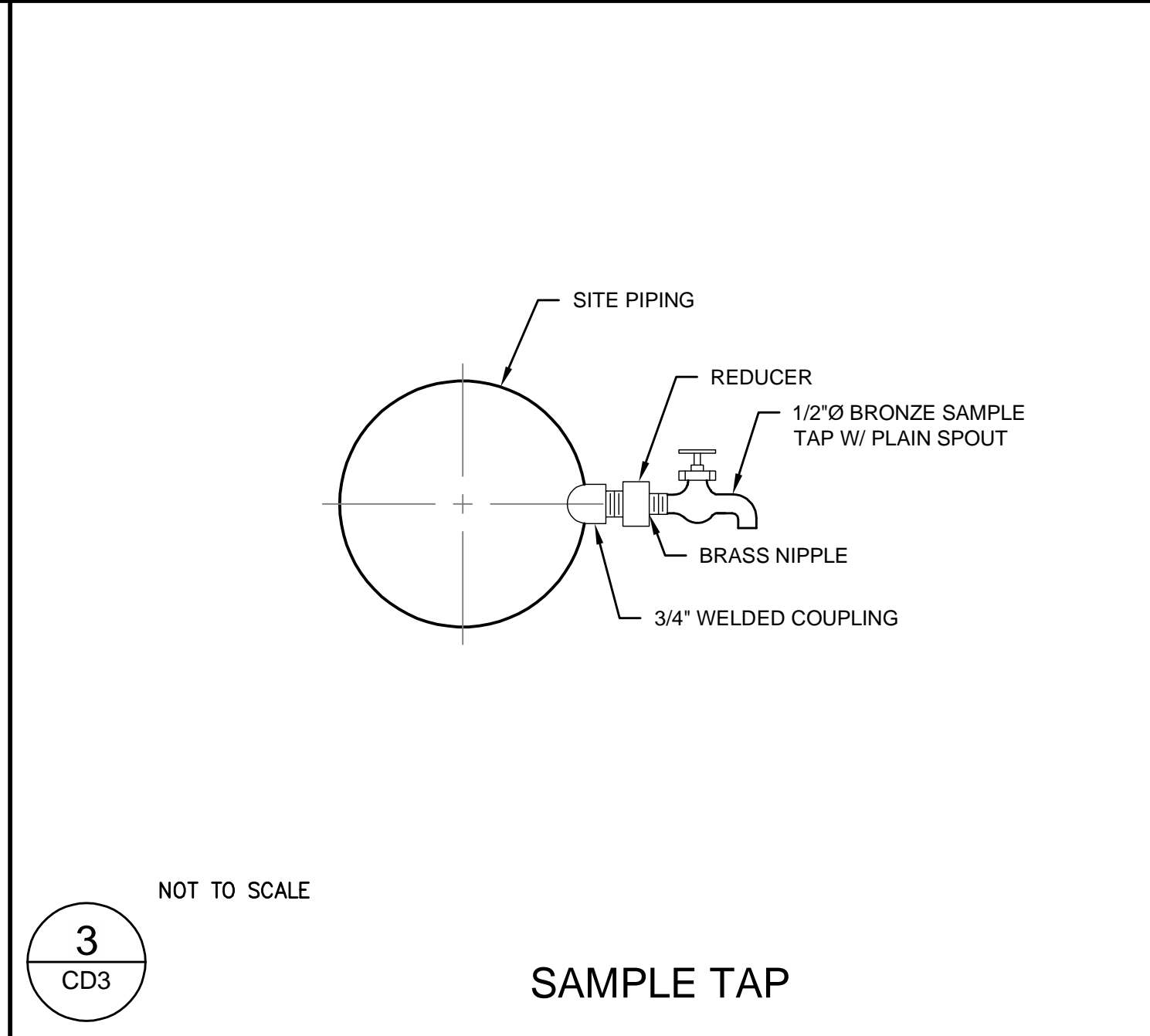
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AIR/VACUUM VALVE



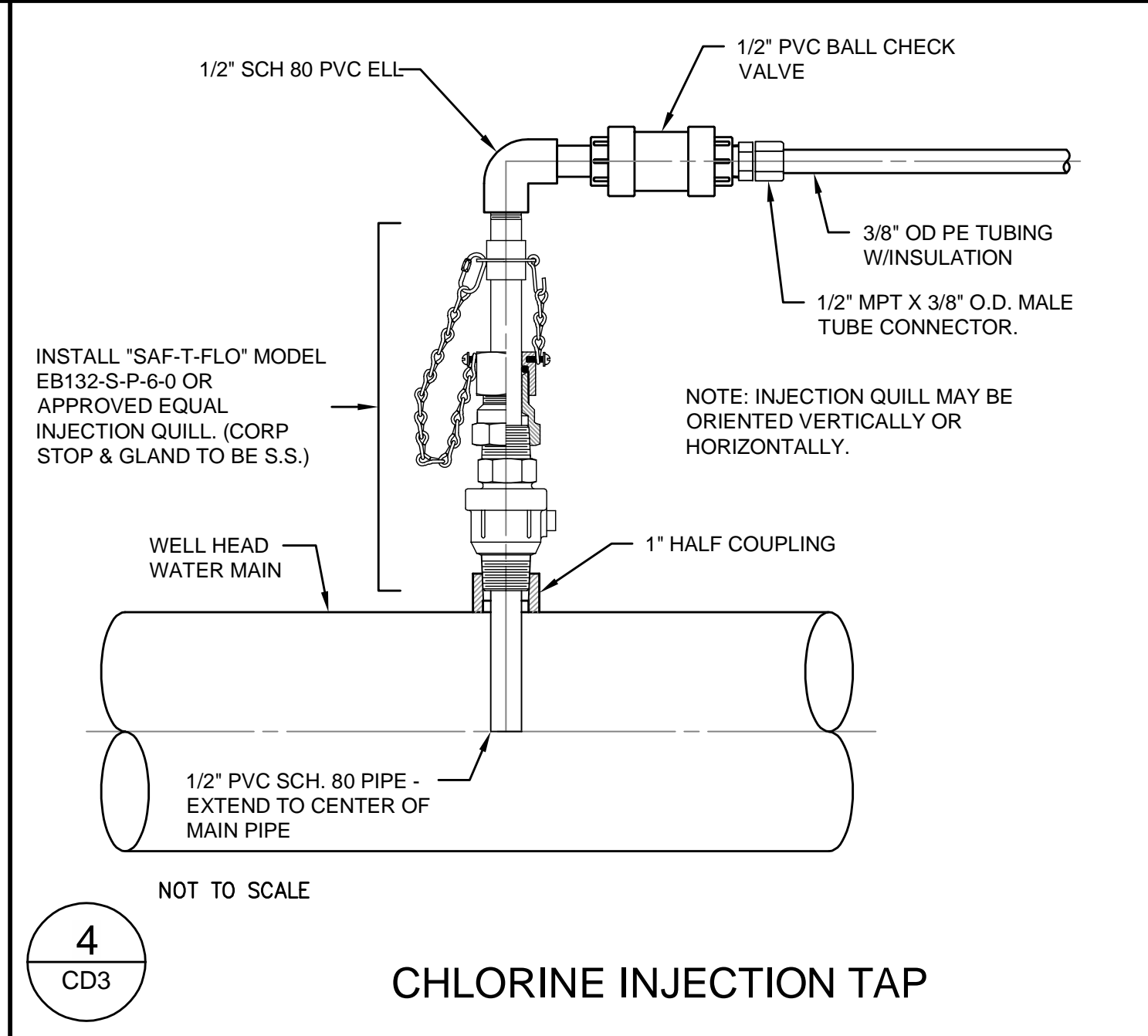
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PRESSURE GAUGE INSTALLATION



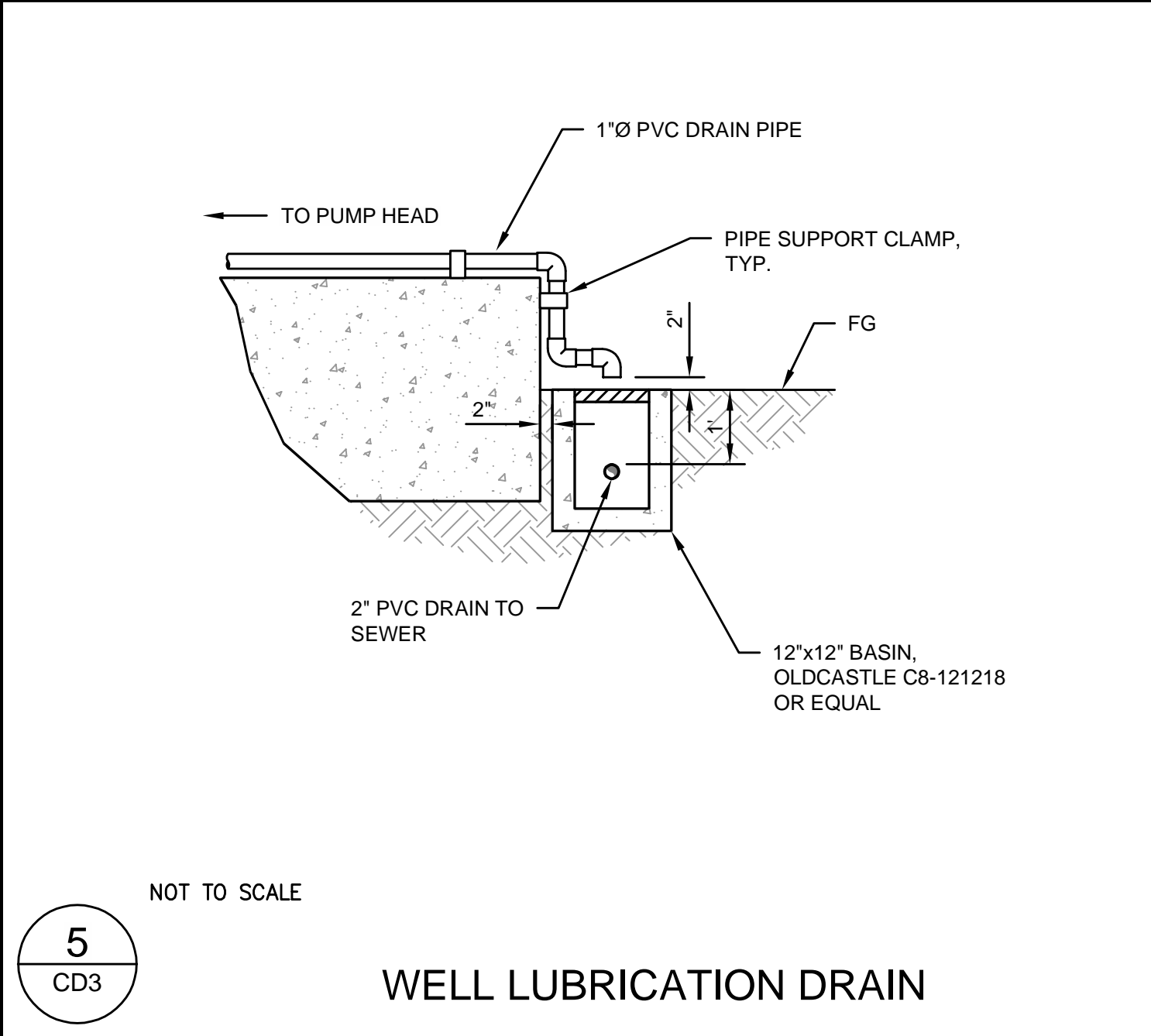
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SAMPLE TAP



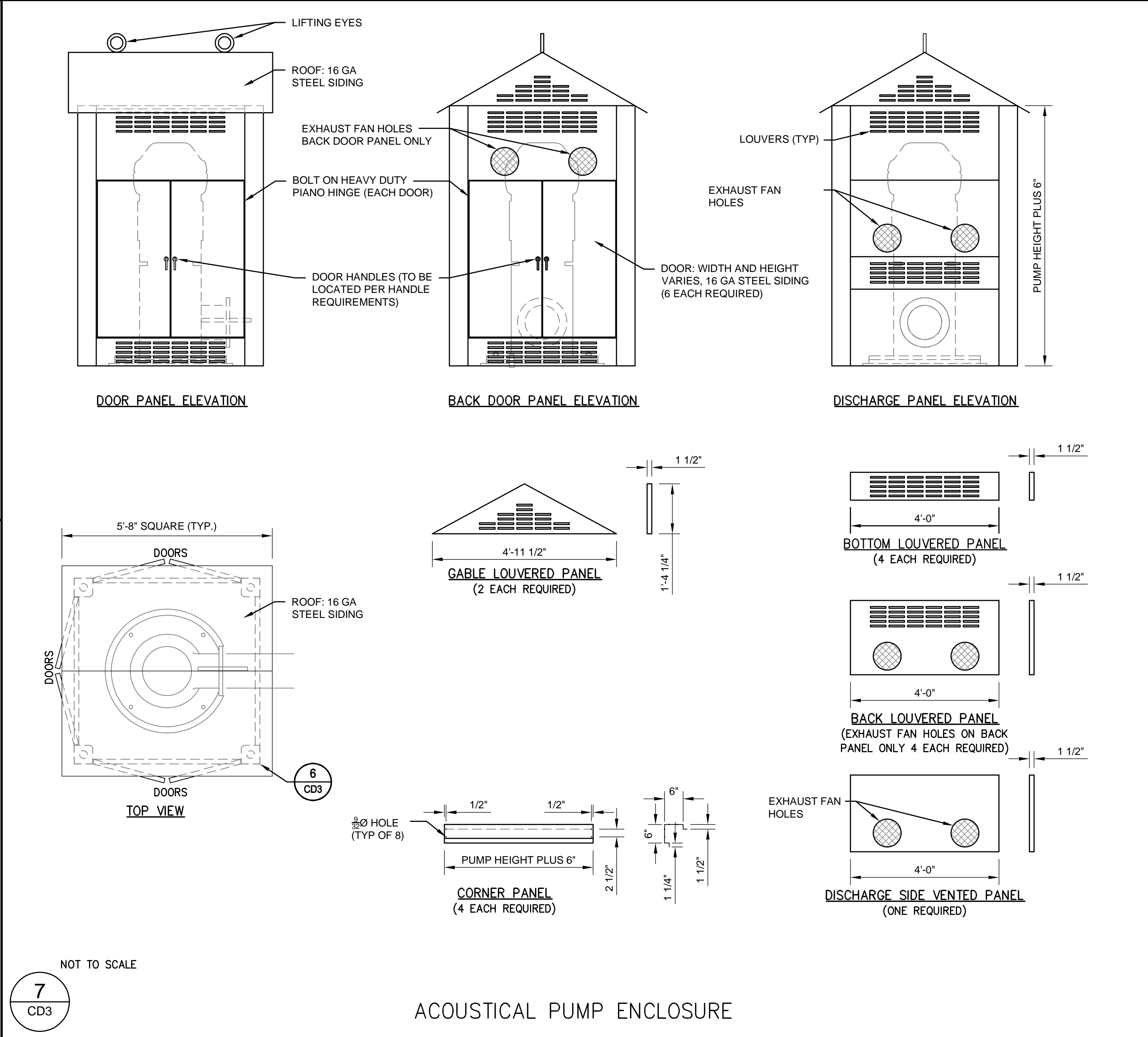
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CHLORINE INJECTION TAP



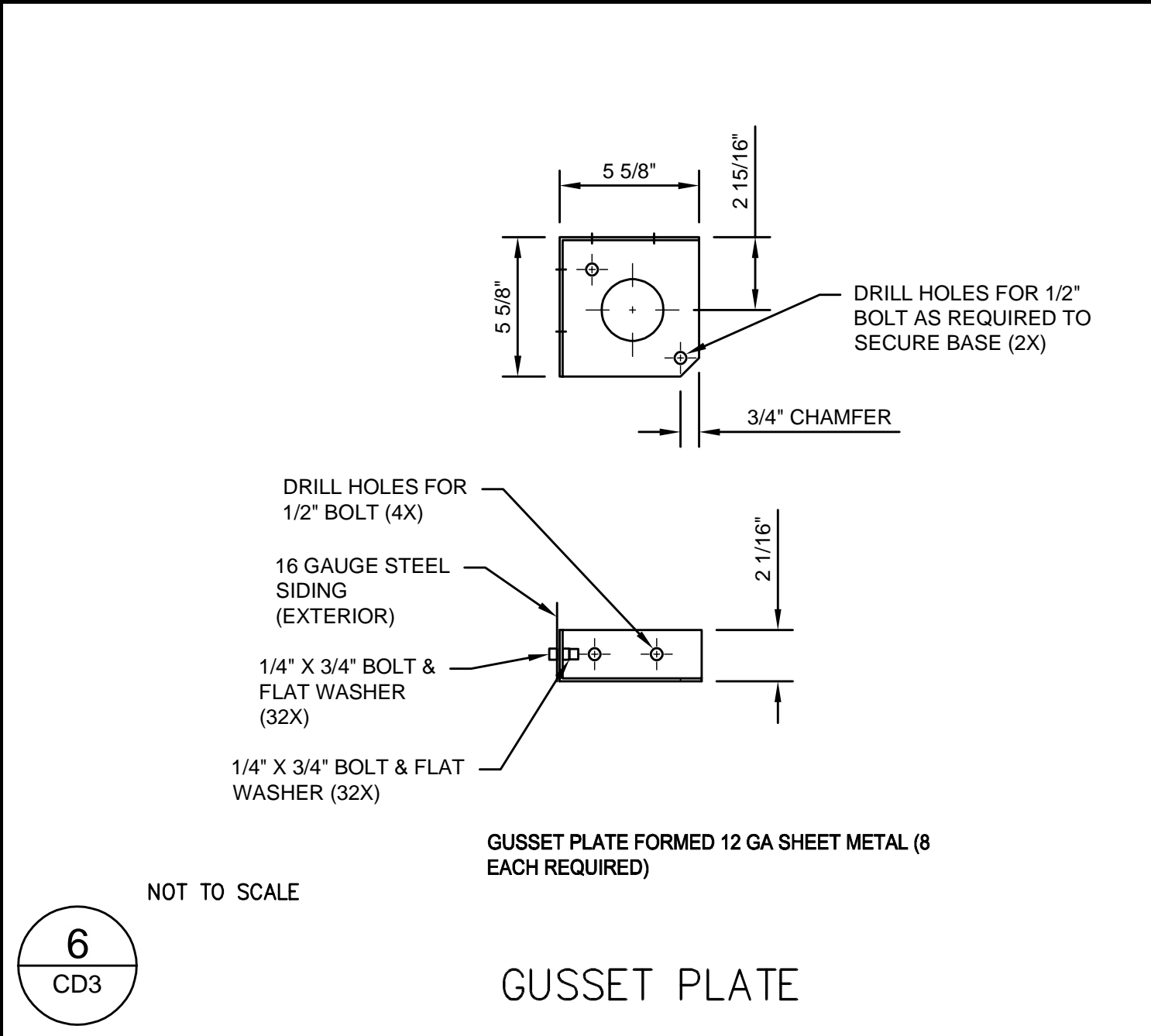
5  
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WELL LUBRICATION DRAIN



7  
CD3

ACOUSTICAL PUMP ENCLOSURE



6  
CD3

GUSSET PLATE

ACOUSTICAL PUMP ENCLOSURE NOTES

- THE ACOUSTICAL PUMP ENCLOSURE SHALL BE INSTALLED WITH A BOOM TRUCK. THE CONTRACTOR SHALL NOT DISASSEMBLE THE ACOUSTICAL PUMP ENCLOSURE DURING INSTALLATION. THE ACOUSTICAL PUMP ENCLOSURE SHALL BE MANUFACTURED BY RPS INDUSTRIES AND SHALL INCLUDE THE FOLLOWING ITEMS:
  - HINGE, HANDLE, HASP, DOOR STOPS AND GALVANIZED HOLDING CHAINS ON ALL DOORS.
  - ALL SURFACES SHALL BE POWDER COATED AS REQUIRED. THE CITY WILL SELECT THE COLOR.
  - GALVANIZED HOLDING CHAINS TO STOP DOORS AT 100° ANGLE WHEN OPENED.
  - 1" THICK OWENS-CORNING 705 FIBERGLASS ACOUSTICAL INSULATION AND MASS LOADED VINYL ON INSIDE AREAS EXCEPT OVER LOUVERED AREAS.
  - MOUNTED EXHAUST FANS (4 TOTAL) TWO (2) EACH UPPER AND TWO (2) EACH LOWER. THE EXHAUST FANS WILL HAVE TWO (2) EACH INDIVIDUAL ADJUSTABLE THERMOSTAT FOR ONE UPPER AND LOWER SYSTEM SET AT 85°F AND THE OTHER SET AT 95°F. SEE ELECTRICAL DRAWINGS FOR THE REQUIRED INSTALLATION.
- ALL BOLTS, NUTS AND WASHERS SHALL BE STAINLESS STEEL.
- MOUNT TO CONCRETE PAD WITH (4) 7/8" DIA HILTI HAS R 304 SS ANCHOR ROD WITH 6" MIN EMBED. INSTALL WITH HILTI HIT-RE 500 V3 EPOXY.

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04-19-2023

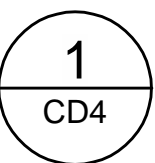
WELL 5A IMPROVEMENT PROJECT  
MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA  
DETAILS

WELL EQUIPMENT DETAILS

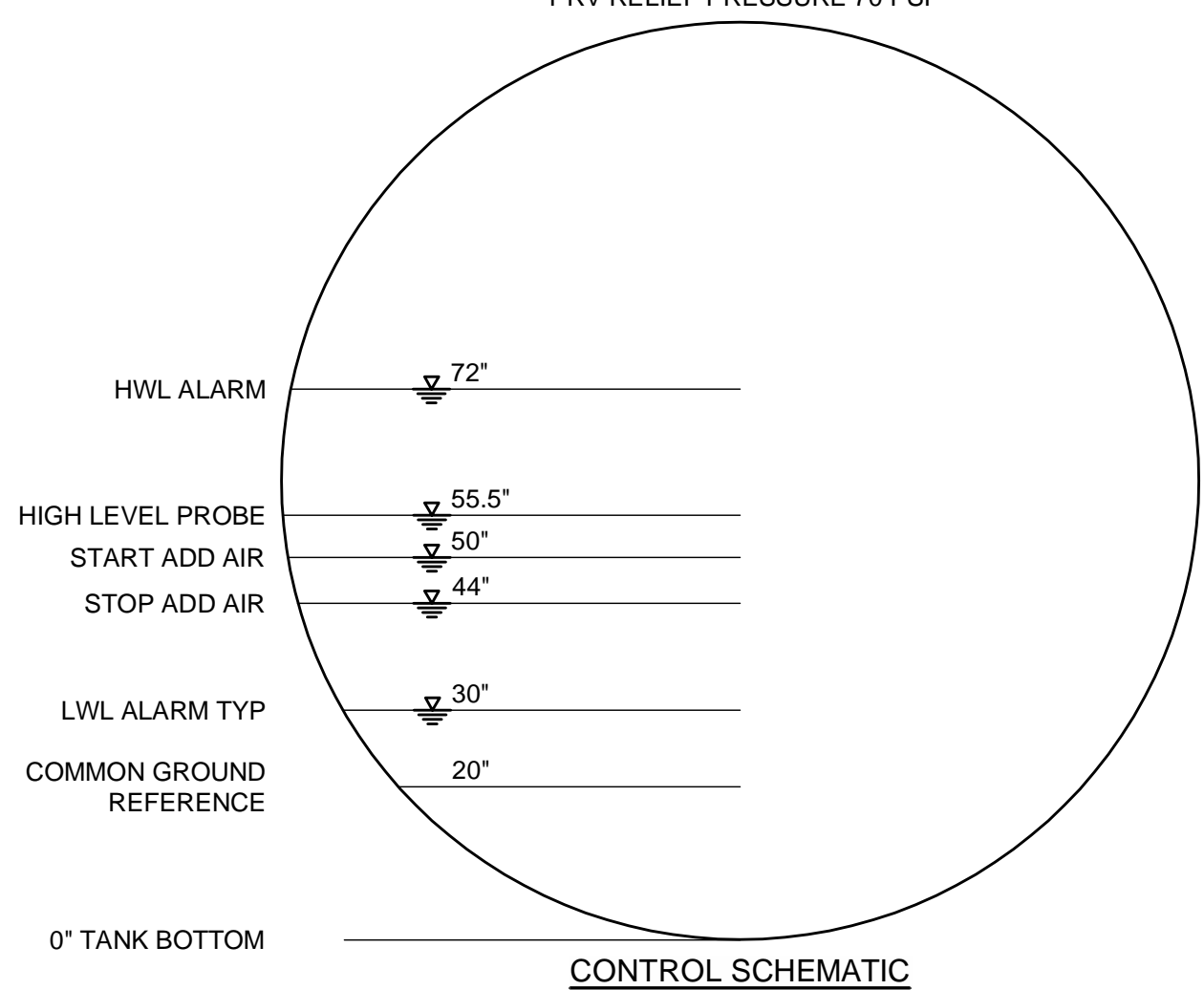
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LIZ VARNER  
LICENSE NO: ---  
DATE: 04-19-2023  
JOB NO: 105722003  
PROJECT NO: 105722003  
PHASE:  
ORIGINAL SCALE SHOWN IS ONE  
INCH. ADJUST SCALE FOR  
REDUCED OR ENLARGED PLANS.  
SHEET  
CD3  
17 OF 33

EST. 1968  
PROVOST & PRITCHARD  
CONSULTING GROUP  
AN Employee Owned Company  
455 W. AVE. #100  
CLOVIS, CALIFORNIA 93611  
504-442-2700 FAX 504-442-2715  
https://www.provpri.com

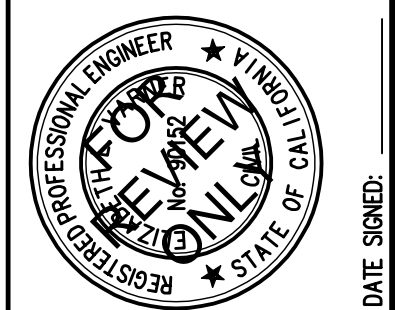




1. VERIFY DIMENSIONS W/TANK SUPPLIER PRIOR TO CONSTRUCTION.
2. THE HYDROPNEUMATIC TANK MANUFACTURER IS RESPONSIBLE FOR THE DESIGN OF THE ANCHOR BOLT PATTERN AND THE TANK SADDLE BASEPLATES. ANCHOR BOLT SIZE, TYPE AND EMBEDMENT PER TANK MANUFACTURER'S REQUIREMENTS AND SHALL BE DESIGNED PER SEISMIC REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT BY TECHNICOM ENG. SERVICES, INC. DATED JUNE 16, 2010.
3. USE STAINLESS STEEL BOLTS, NUTS AND WASHERS ON ALL BURIED FITTINGS. WRAP FITTINGS IN 4 MIL VISQUEEN PLASTIC SHEET AND SECURE SHEETING WITH TAPE WHERE CONCRETE THRUST BLOCKS ARE USED.
4. USE MEGALUG RESTRAINED JOINTS AT ALL MJ FITTINGS.
5. PROVIDE PORTABLE STEP PLATFORM WITH SIDE AND FRONT HANDRAIL FOR SIGHT GLASS READING. TOP STEP SHALL BE AT MINIMUM 40" HIGH AND 10" DEEP. PORTABLE STEP PLATFORM SHALL BE GLOBAL INDUSTRIES 4 STEP ROLL AND FOLD STEEL ROLLING LADDER WITH PERFORATED TREAD, OR ENGINEER APPROVED EQUIVALENT.
6. CONTROL PANEL LOCATION TO BE DETERMINED DURING SHOP DRAWING SUBMITTAL.
7. INSTALL 10"x12" SLAB AND ENCLOSURE PER SPECIFICATION SECTION 13 34.24
8. ENCLOSURE DOORS SHALL BE INSTALLED ON THE SOUTH SIDE OF THE ENCLOSURE.
9. INSULATE EXPOSED AIR SUPPLY PIPING.



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04-19-2023



**WELL 5A IMPROVEMENT PROJECT**

MALAGA COUTY WATER DISTRICT  
FRESNO COUNTY, CA

## DETAILS HYDROPNEUMATIC TANK AND ELEVATION

**EST. 1968**

**PROVOST &  
PRITCHARD**

**CONSULTING GROUP**

*An Employee Owned Company*

435 W FIFTH AVENUE  
CLOVIS, CALIFORNIA 93611  
559/449-2700 FAX 559/449-2715  
<https://provostandpritchard.com/>

DESIGN ENGINEER  
LIZ VARNER  
LICENSE NO:

DRAFTED BY:	CHECKED BY:
-------------	-------------

DATE: 04-19-2023

JOB NO: 105722003
PROJECT NO: 105722003

PHASE:

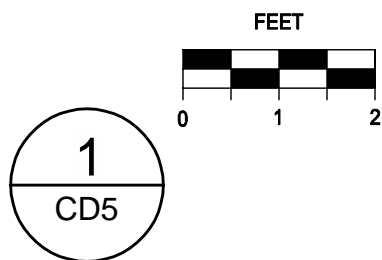
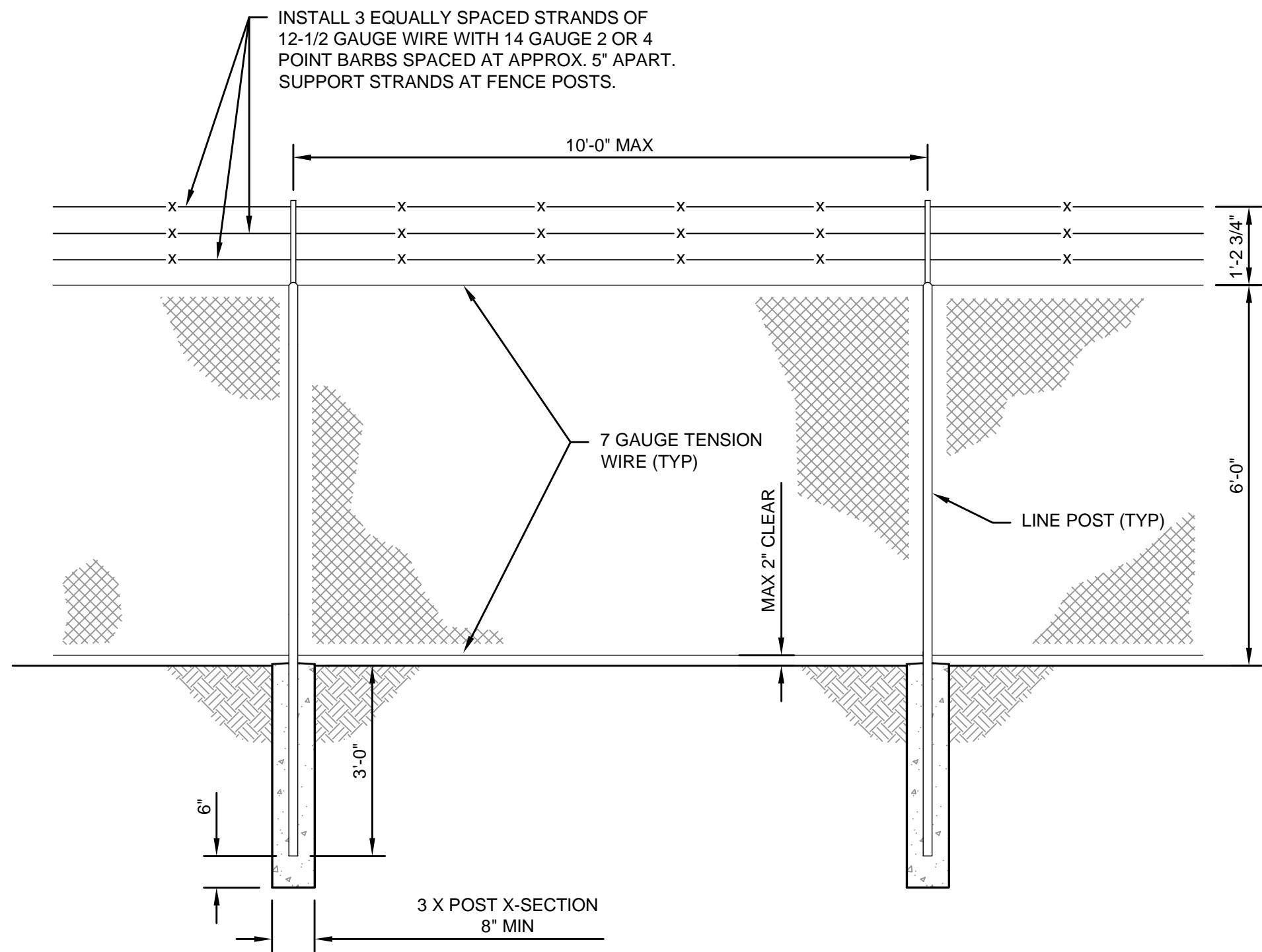
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ORIGINAL SCALE SHOWN IS ONE  
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REDUCED OR ENLARGED PLANS.

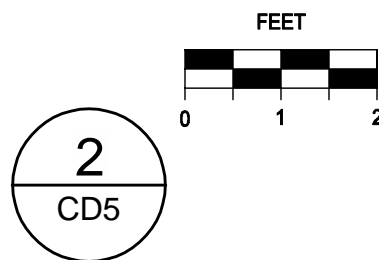
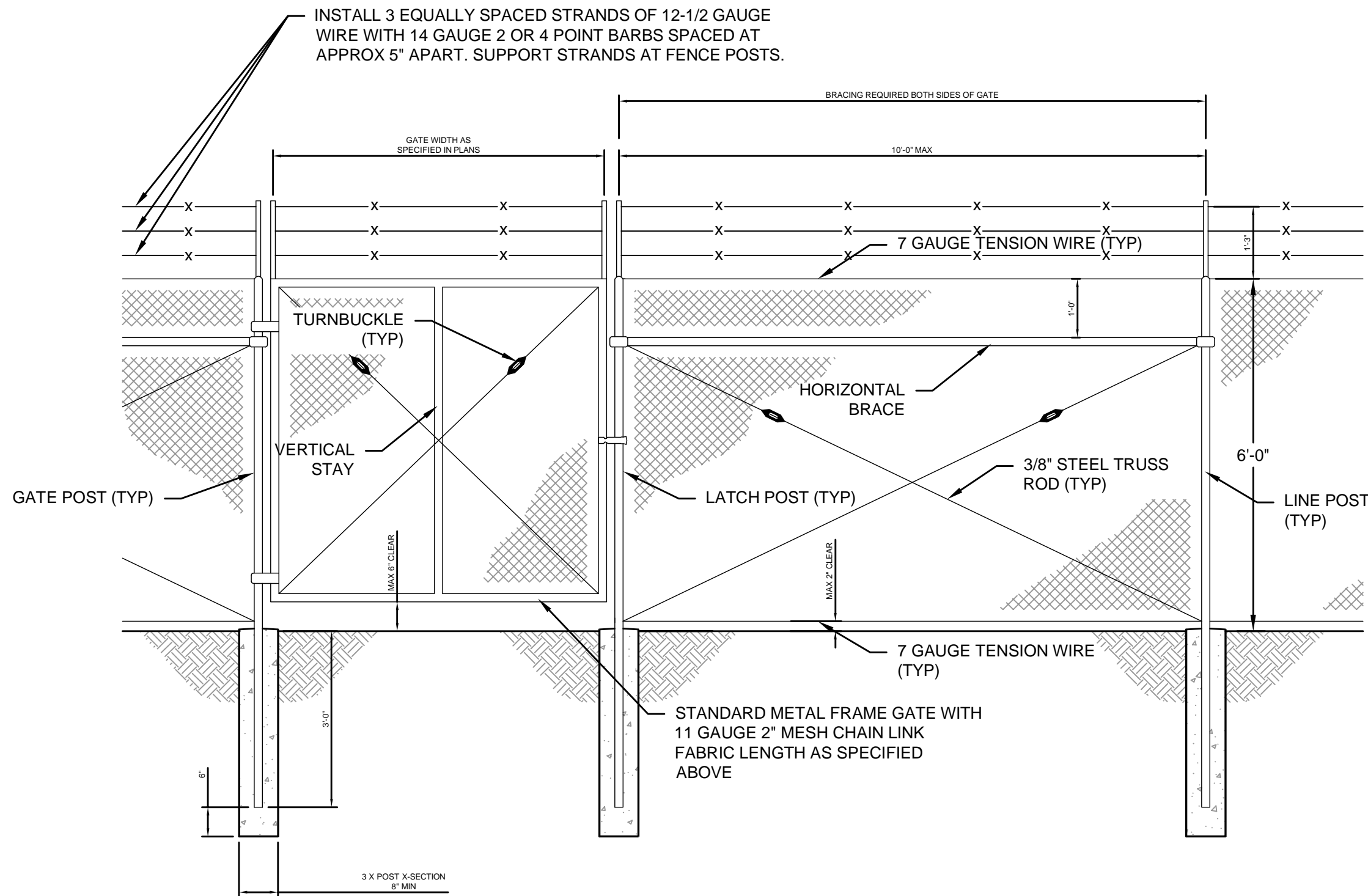
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18 OF 33

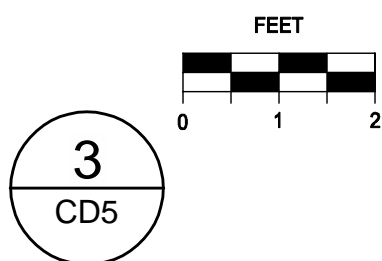
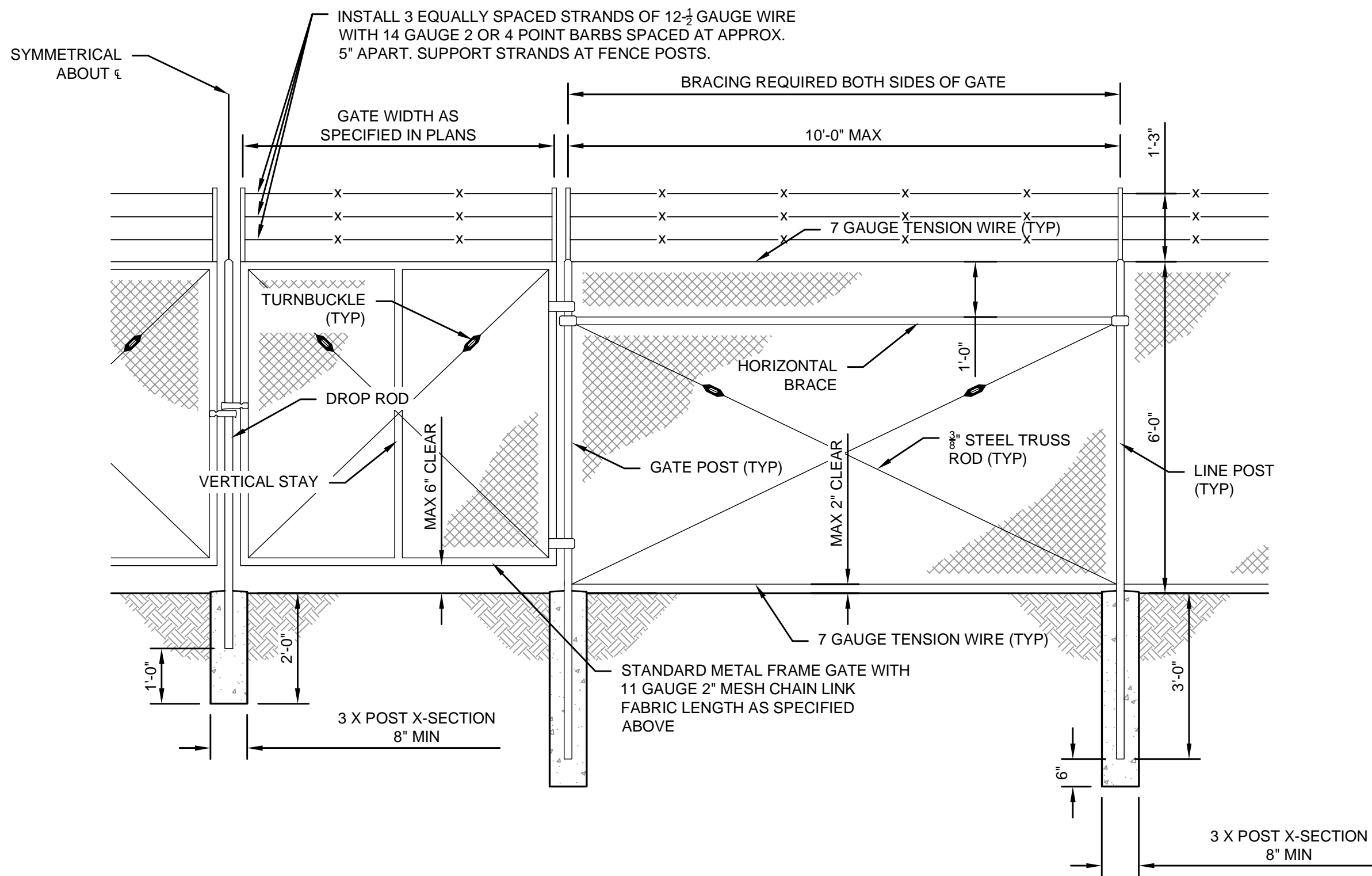




CHAIN LINK FENCE



CHAIN LINK FENCE SINGLE GATE



CHAIN LINK FENCE DOUBLE GATE

FENCE AND POST SCHEDULE			
HEIGHT	LOCATION	NOMINAL ID	WEIGHT LB/FT
6'-0" AND LESS	LINE POST	1-1/2"	2.71
	END, LATCH & CORNER POST	2"	3.65
	BRACES	1-1/4"	2.27
	FABRIC	11 GAUGE	
OVER 6'-0"	LINE POST	2"	3.65
	END, LATCH & CORNER POST	2-1/2"	5.79
	BRACES	1-1/4"	2.27
	FABRIC	9 GAUGE	

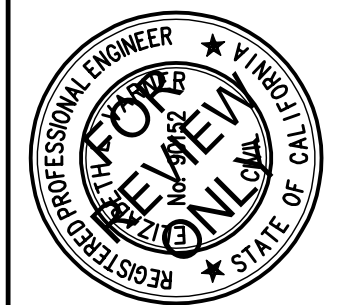
GATE POST SCHEDULE			
HEIGHT	GATE WIDTH	NOMINAL ID	WEIGHT LB/FT
6'-0" AND LESS	UP TO 6'	2-1/2"	5.79
	6' TO 12'	4"	10.79
	12' TO 18'	5"	14.62
	18' TO 24'	6"	18.97
OVER 6'-0"	UP TO 6'	3"	7.58
	6' TO 12'	5"	14.62
	12' TO 18'	6"	18.97
	18' TO 24'	8"	28.55

- NOTES
1. LINE POST SPACING SHALL BE 10' MAX.
  2. ALL FENCE AND GATE HARDWARE TO BE GALVANIZED.
  3. VERTICAL STAYS REQUIRED FOR GATES WIDER THAN 6'.

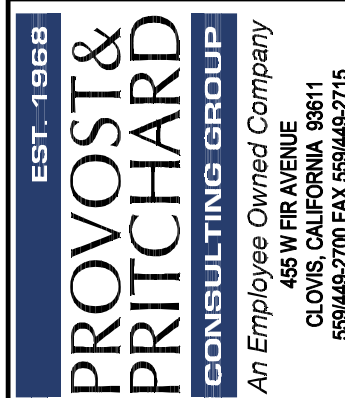
CHAIN LINK FENCE NOTES

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04-19-2023



WELL 5A IMPROVEMENT PROJECT  
MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA  
DETAILS  
CHAIN LINK FENCE AND DETAILS



DESIGN ENGINEER:  
LIZ VARNER  
LICENSE NO.:

DRAFTED BY: PPI  
CHECKED BY: MGT

DATE: 04-19-2023

JOB NO: 105722003

PROJECT NO: 105722003

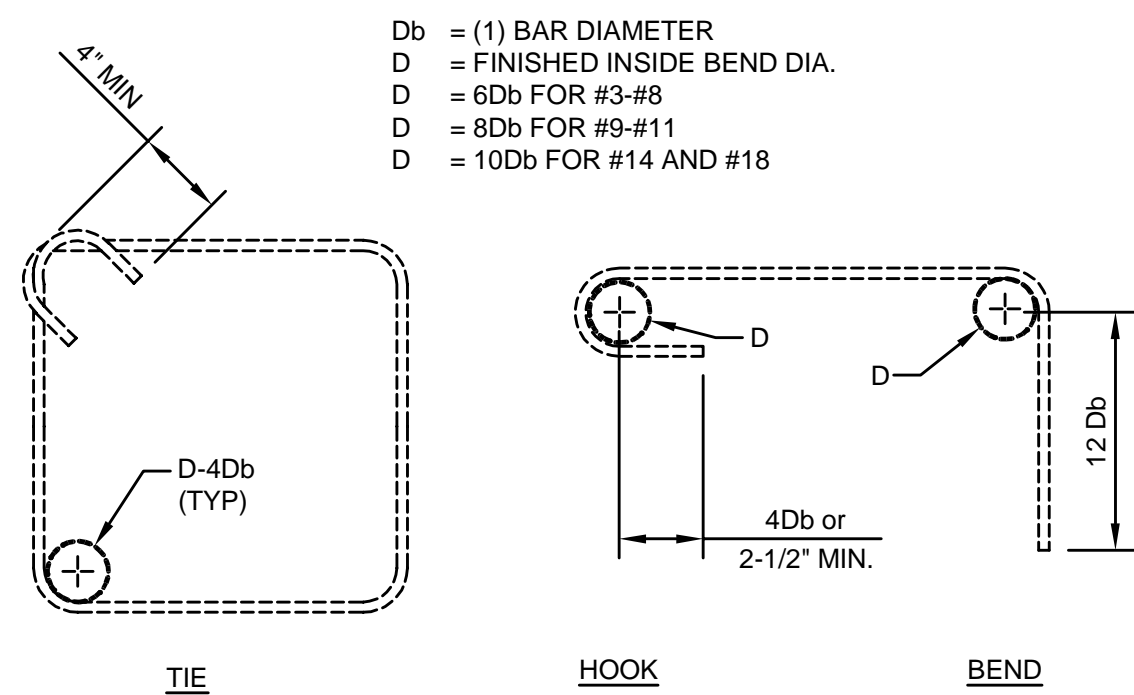
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0 1"  
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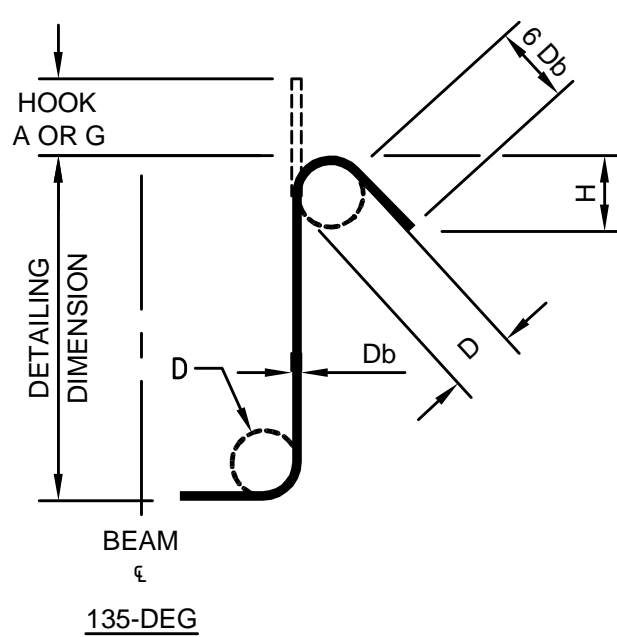
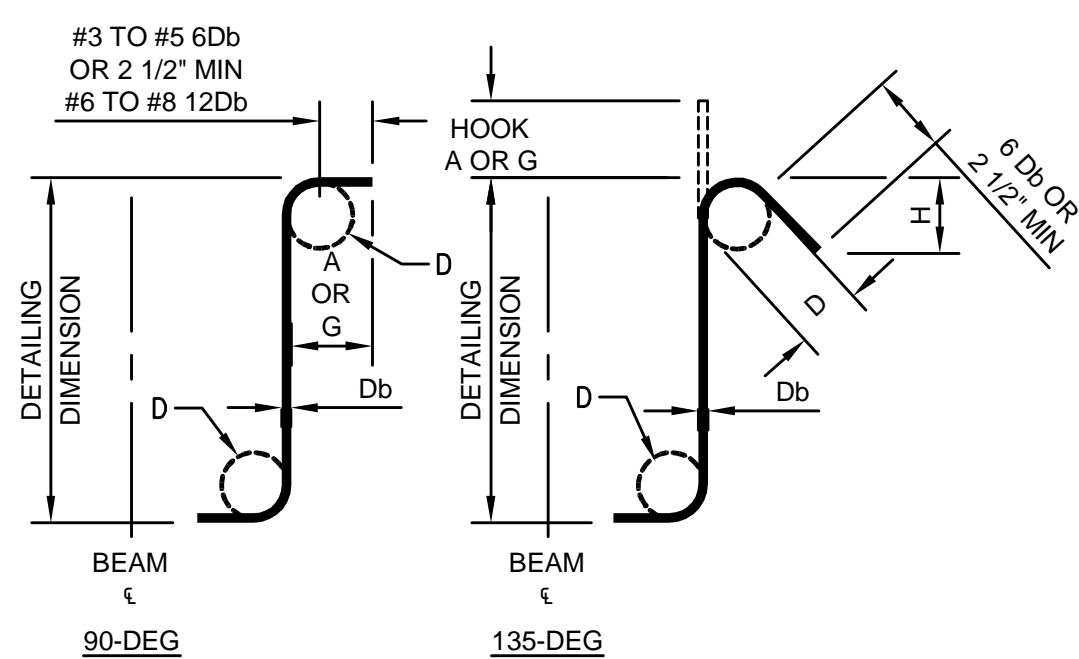
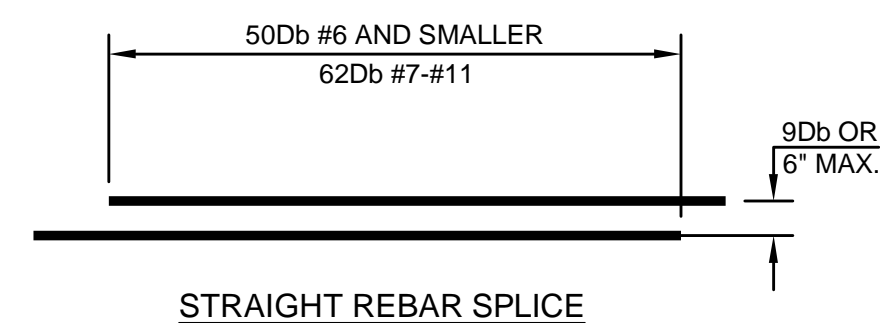
SHEET  
CD5

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DIMENSION OF STANDARD 180° HOOKS, ALL GRADES				DIMENSION OF STANDARD 90° HOOKS, ALL GRADES	
SIZE	D	J	A OR G	D	A OR G
#3	2 1/4"	3"	5"	2 1/4"	6"
#4	3"	4"	6"	3"	8"
#5	3 3/4"	5"	7"	3 3/4"	10"
#6	4 1/2"	6"	8"	4 1/2"	12"
#7	5 1/4"	7"	10"	5 1/4"	14"
#8	6"	8"	11"	6"	16"
#9	9 1/2"	11 3/4"	15"	9 1/2"	19"
#10	10 3/4"	13 1/4"	17"	10 3/4"	22"
#11	12"	14 3/4"	19"	12"	24"
#14	18 1/4"	21 3/4"	27"	18 1/4"	31"
#18	24"	28 1/2"	36"	24"	41"



STIRRUP HOOKS  
(TIE BENDS SIMILAR)

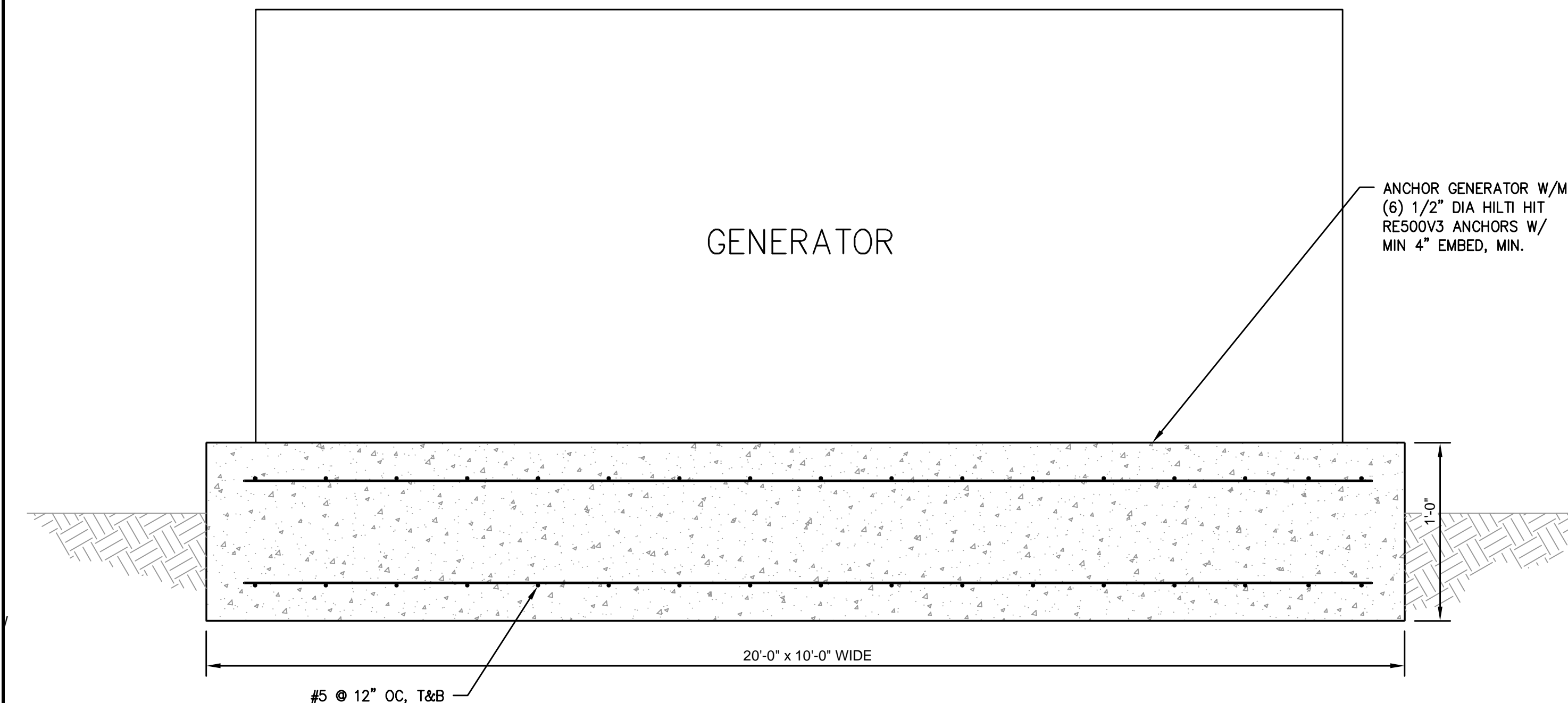
90°			135°	
SIZE	D	A O R G	A O R G	ARROX. H
#3	1 1/2"	4"	4"	2 1/2"
#4	2"	4 1/2"	4 1/2"	3"
#5	2 1/2"	6"	5 1/2"	3 3/4"
#6	4 1/2"	12"	8"	4 1/2"
#7	5 1/4"	14"	9"	5 1/4"
#8	6"	16"	10 1/2"	6"

135° SEISMIC HOOK			
SIZE	D	A OR G	ARROX. H
#3	1 1/2"	4"	2 1/2"
#4	2"	4 1/2"	3"
#5	2 1/2"	5 1/2"	3 3/4"
#6	4 1/2"	8"	4 1/2"
#7	5 1/4"	9"	5 1/4"
#8	6"	10 1/2"	6"

SPLICE LENGTH / Db						
		CONCRETE STRENGTH (PSI)				
		2500	3000	3500	4000	5000
#6 AND SMALLER		63	57	53	50	45
#7-#11		78	72	66	62	56

NOTE

1. SPLICES SHOWN ARE CLASS B SPLICE  $f_y=60ksi$   
 $f_c=4ksi$ . SEE CHART FOR DIFFERENT  
CONCRETE STRENGTHS.
2. SPLICES ASSUME THE MODIFICATION  
FACTORS OF ACI 318 SECTION 12.2 ARE 1.0  
FOR OTHER CONDITIONS PROVIDE SPLICE  
LENGTHS IN ACCORDANCE WITH ACI 318.
3. USE THE SPLICE LENGTH GIVEN FOR TOP  
BARS WHEN MORE THAN 12" OF CONCRETE IS  
CAST BELOW HORIZONTAL BARS IN THE  
MEMBER. USE THE SPLICE LENGTH GIVEN FOR  
BOTTOM BARS FOR ALL OTHER CONDITIONS



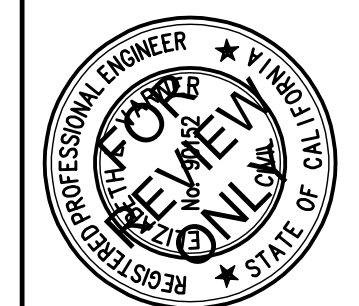
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GENERATOR FOUNDATION

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04-19-2023



WELL 5A IMPROVEMENT PROJECT

MALAGA COUTY WATER DISTRICT  
FRESNO COUNTY, CA

DETAILS

## STRUCTURAL DETAILS

**EST. 1968**

**PROVOST &  
PRITCHARD**

**CONSULTING GROUP**

*An Employee Owned Company*

455 W FIR AVENUE  
CLOVIS, CALIFORNIA 93611  
559/449-2700 FAX 559/449-2715

DESIGN ENGINEER  
LIZ VARNER  
LICENSE NO:

DRAFTED BY: PPI	CHECKED BY: MGT
--------------------	--------------------

DATE: 04-19-2023

PROJECT NO: 105722003
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PHASE:

0 1\*

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

SHEET **CD6**

20 OF 33

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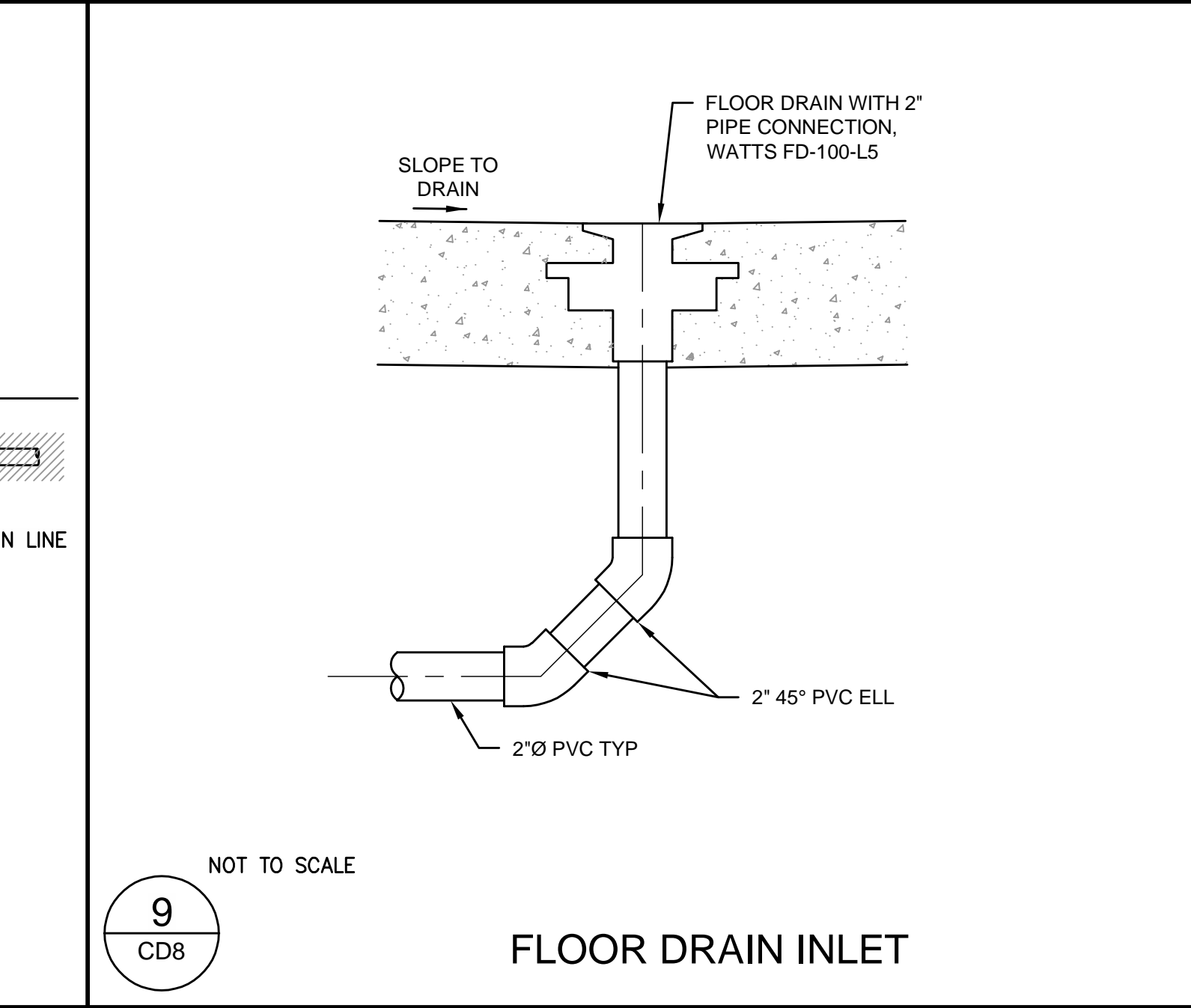
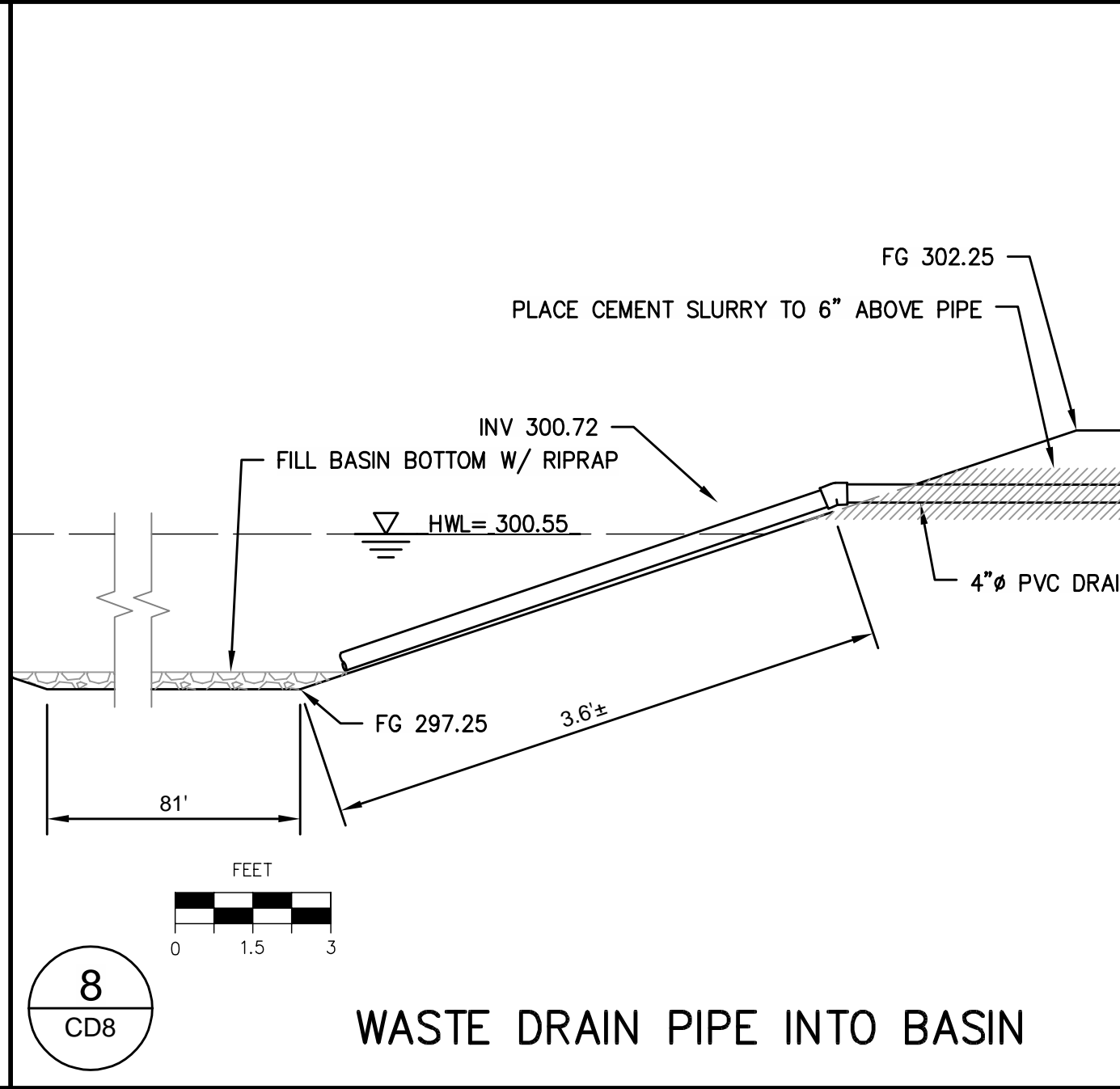
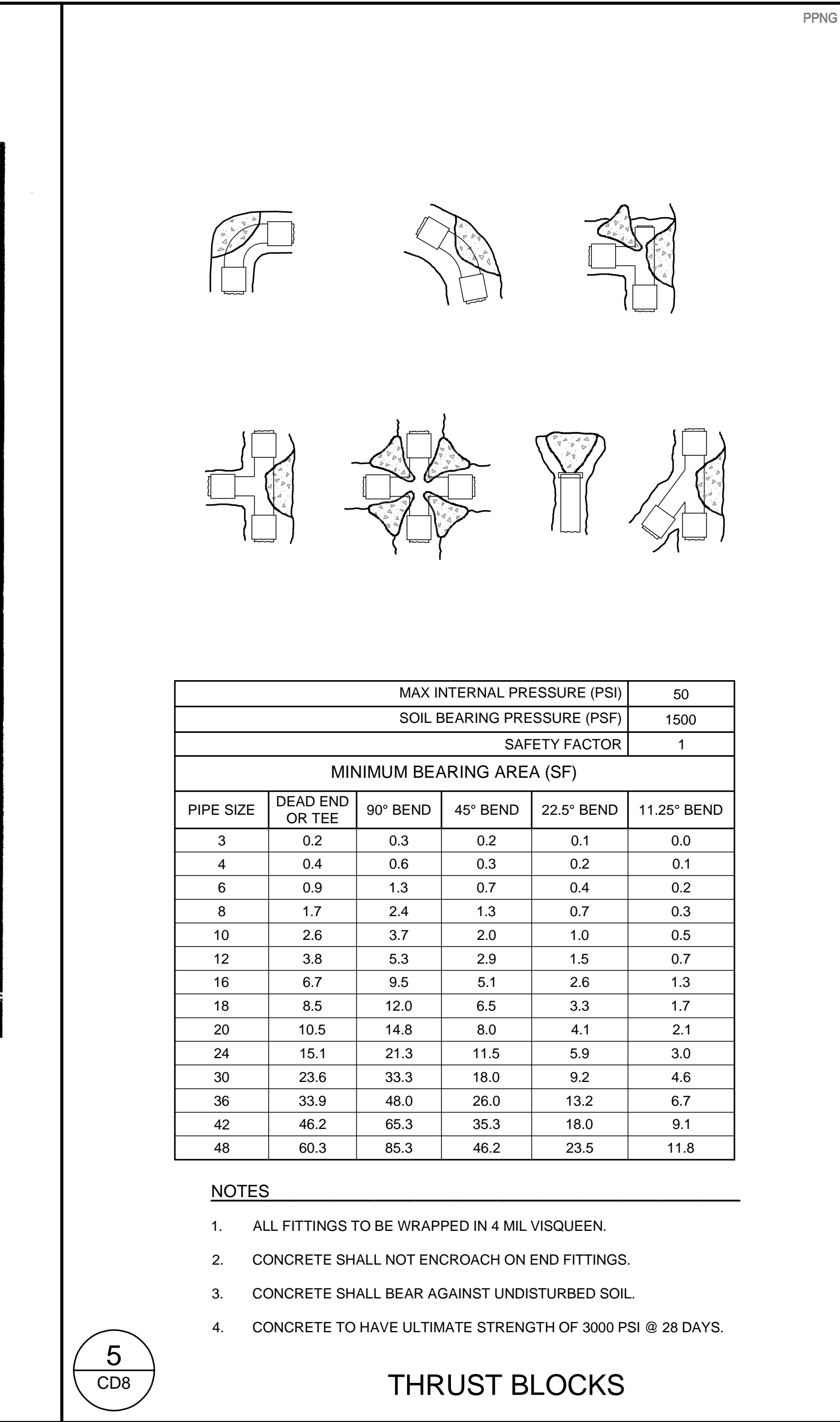
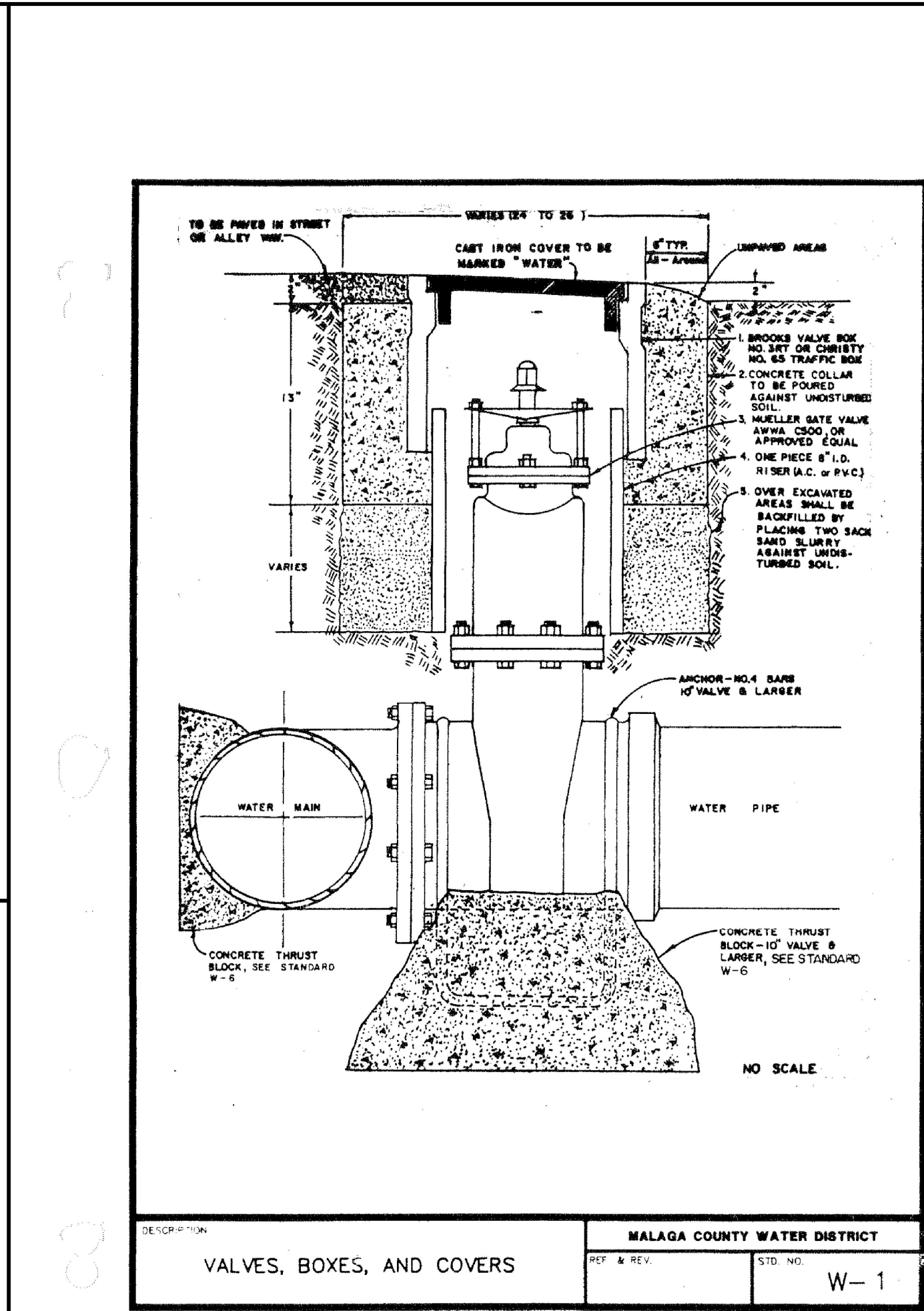
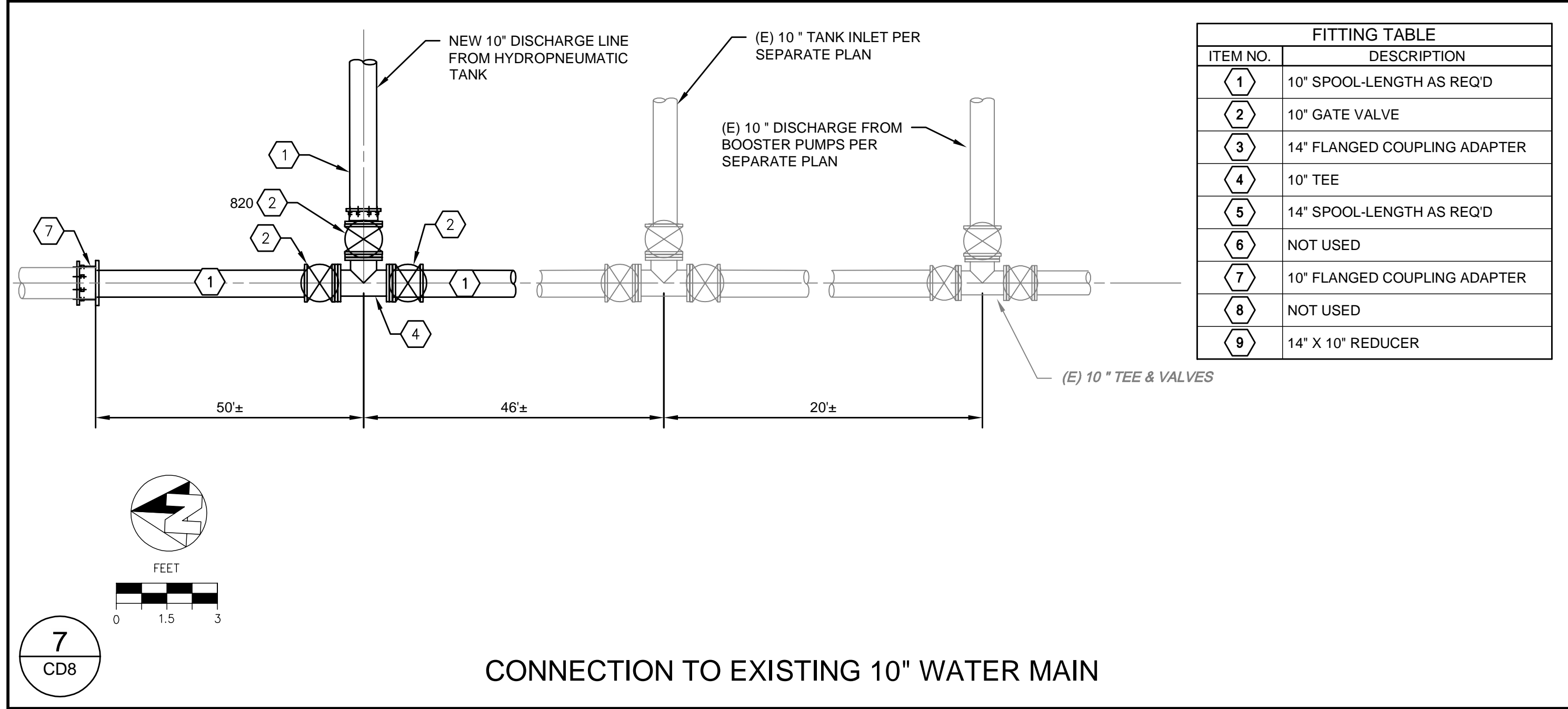
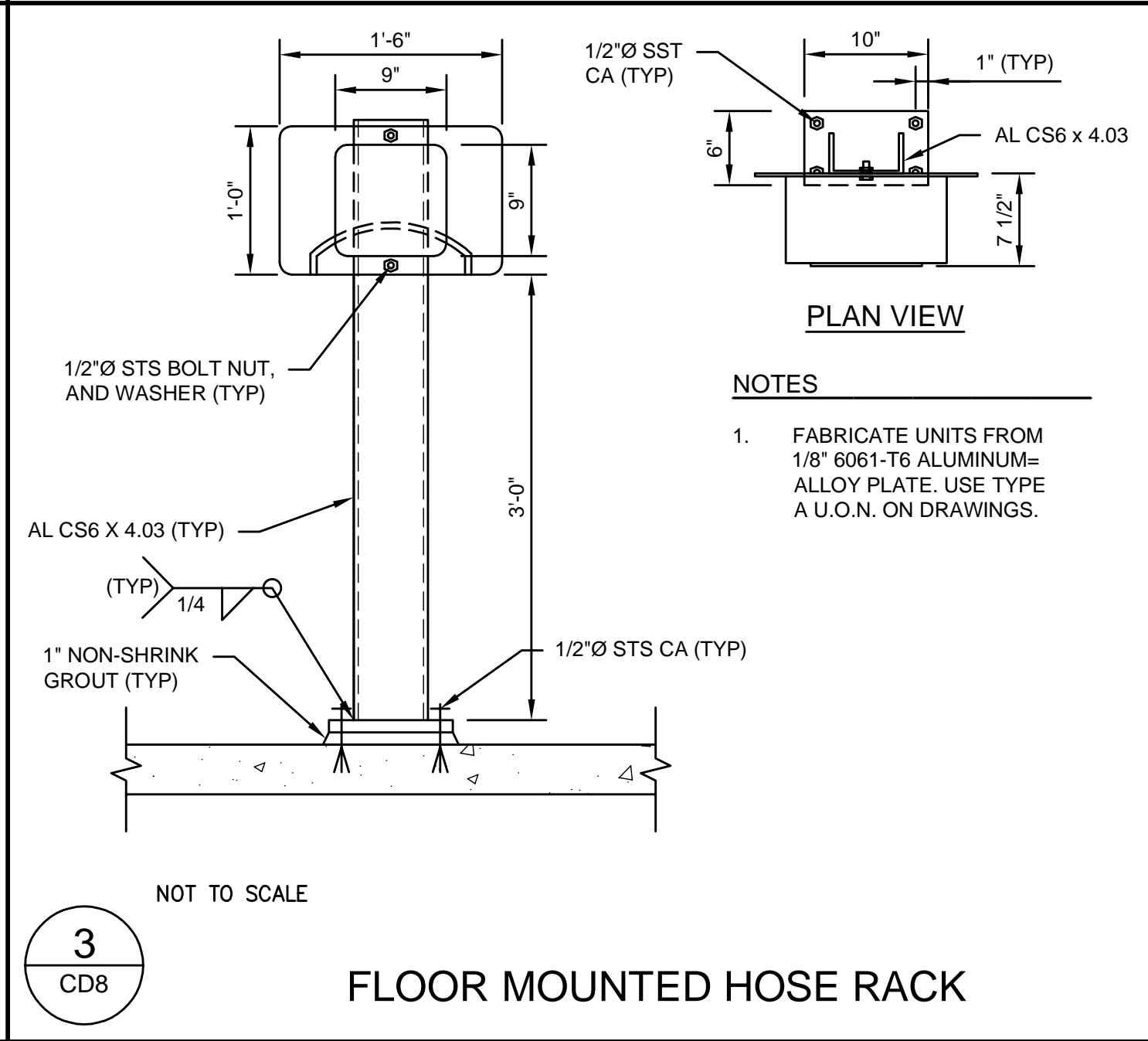
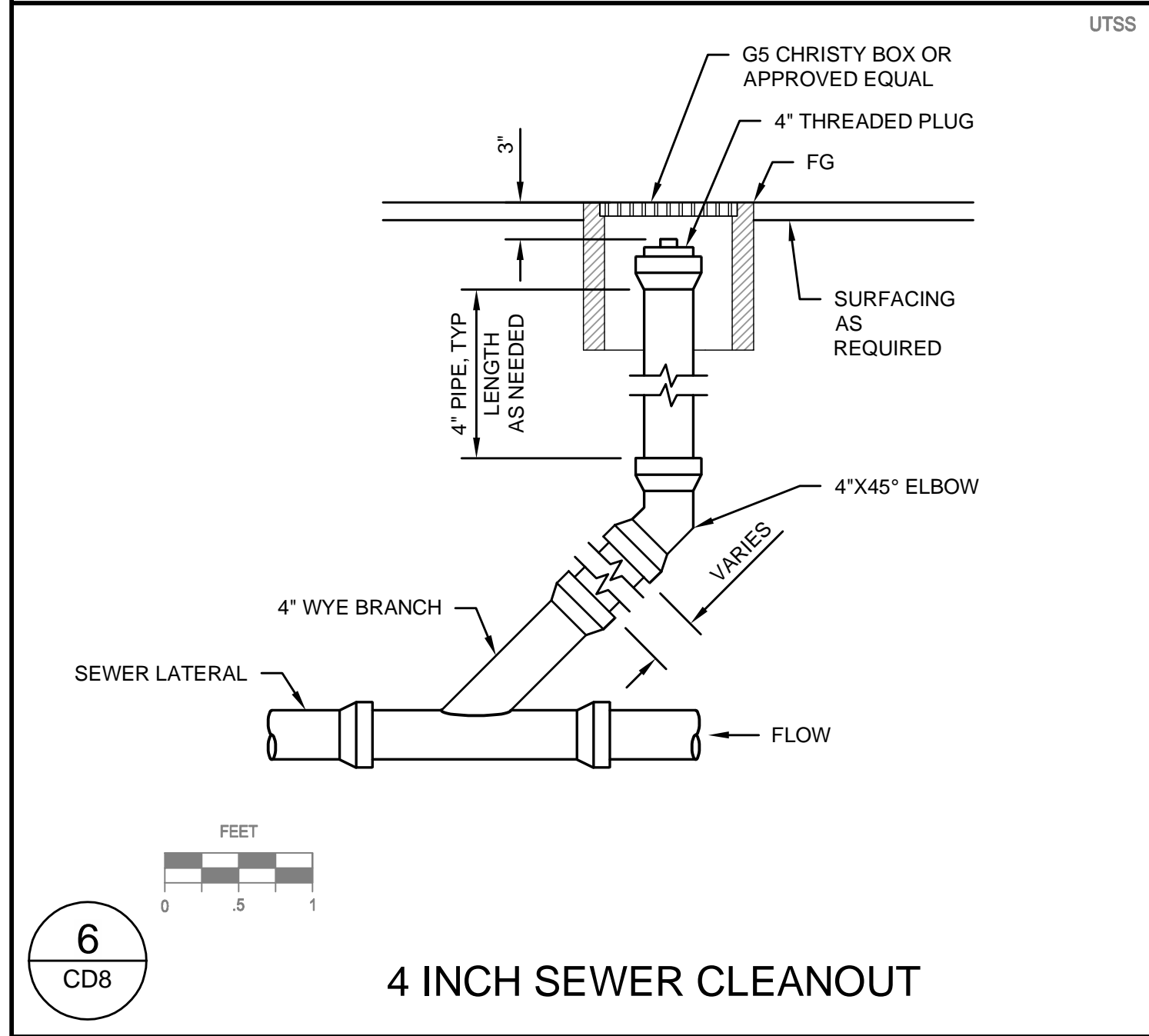
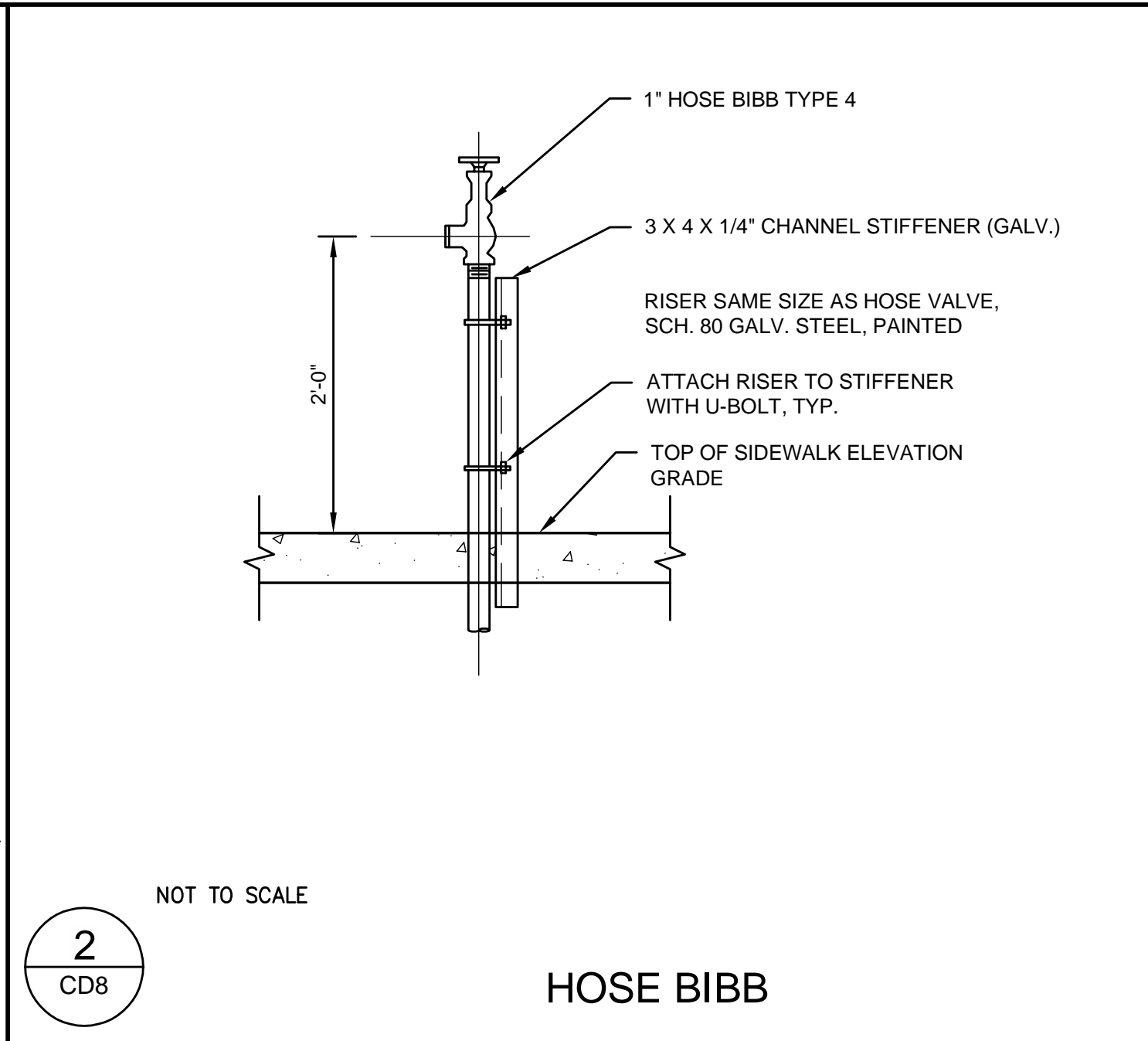
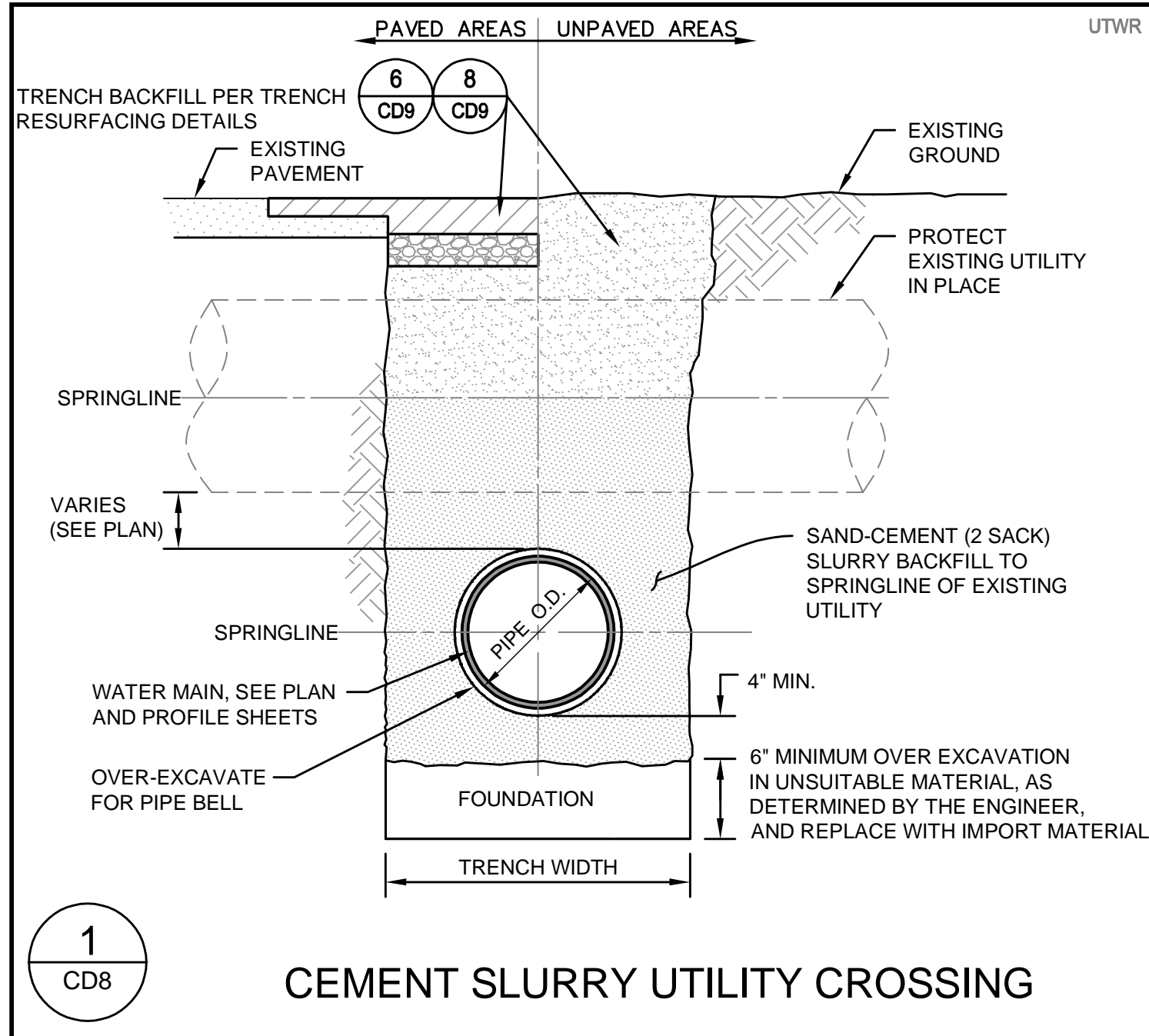
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## REINFORCEMENT BENDS & SPLICES









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04-19-2023

PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
No. 10171  
RES. 10171

DATE SIGNED: \_\_\_\_\_

WELL 5A IMPROVEMENT PROJECT  
MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA  
DETAILS

MISCELLANEOUS SITE DETAILS

EST. 1968  
PROVOST & PRITCHARD  
CONSULTING GROUP  
AN EMPLOYEE OWNED COMPANY  
485 W. AVENUE  
CLOVIS, CALIFORNIA 93611  
559-442-2700 FAX 559-442-2715  
https://www.ppegroup.com

DESIGN ENGINEER:  
LIZ VARNER  
LICENSE NO.: ---

DRAFTED BY:  
PPI

CHECKED BY:  
MGT

DATE: 04-19-2023  
JOB NO: 105722003  
PROJECT NO: 105722003

PHASE:  
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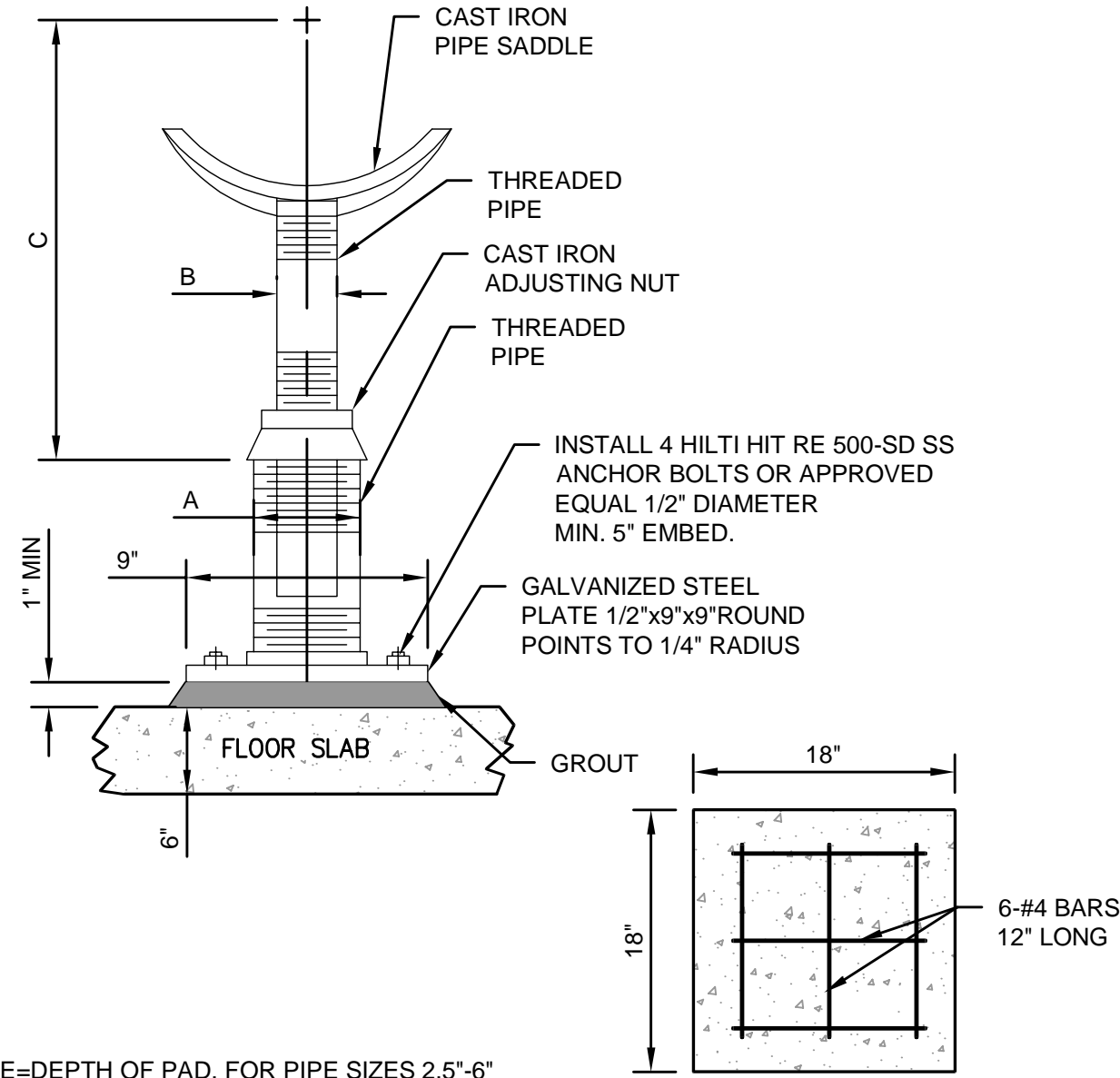
SHEET  
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22 OF 33

5/18/2023 11:34 AM G:\Malaga CWD - 10571\05722003-Well 5A300 CAD340 Sheet Sels04\_Civil\_Details\CD8 MISCELLANEOUS SITE DETAILS.dwg - Logan Keaman



PIPE SIZE	"A"	"B"	"C"	
			MIN	MAX
6"	3"	2 1/2"	10 1/2"	15 1/4"
8"	3"	2 1/2"	11 3/4"	16 1/2"
10"	3"	2 1/2"	13 1/2"	18 1/4"
12"	3"	2 1/2"	15"	19 3/4"

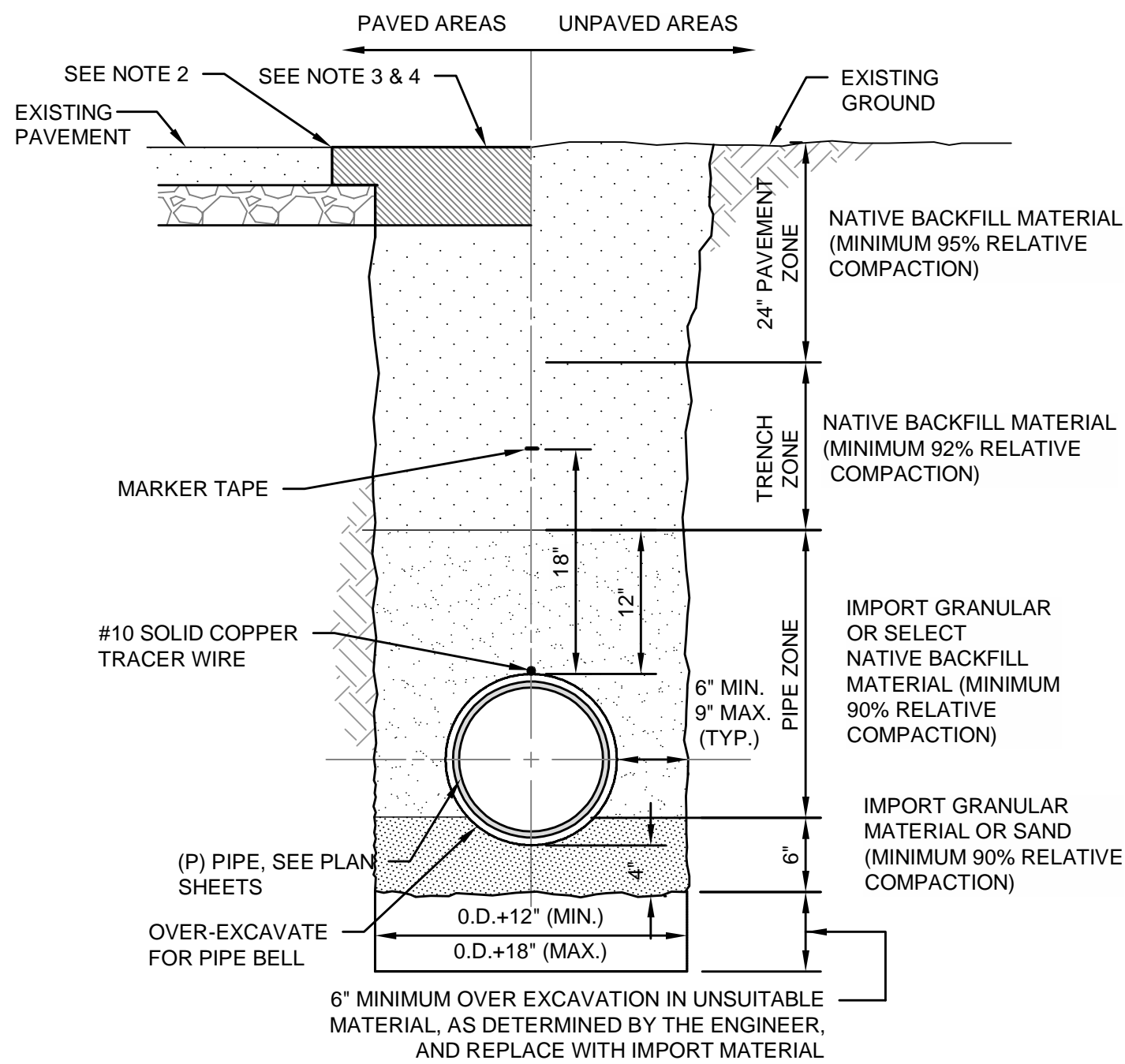


WHERE E=DEPTH OF PAD, FOR PIPE SIZES 2.5"-6" USE #4 REBAR @12" OC EW CENTERED, FOR PIPE SIZES 8"-10" USE #4 REBAR @12" OC EW EF, FOR PIPE SIZES 12"-16" USE #5 REBAR @12"OC EW EF.

NOTE: FOR SUPPORTS IN AREAS OUTSIDE OF FLOOR SLAB, CONSTRUCT 18"x18"x6" PAD UNDER PIPE SUPPORT.

1  
CD9

ADJUSTABLE PIPE SUPPORT



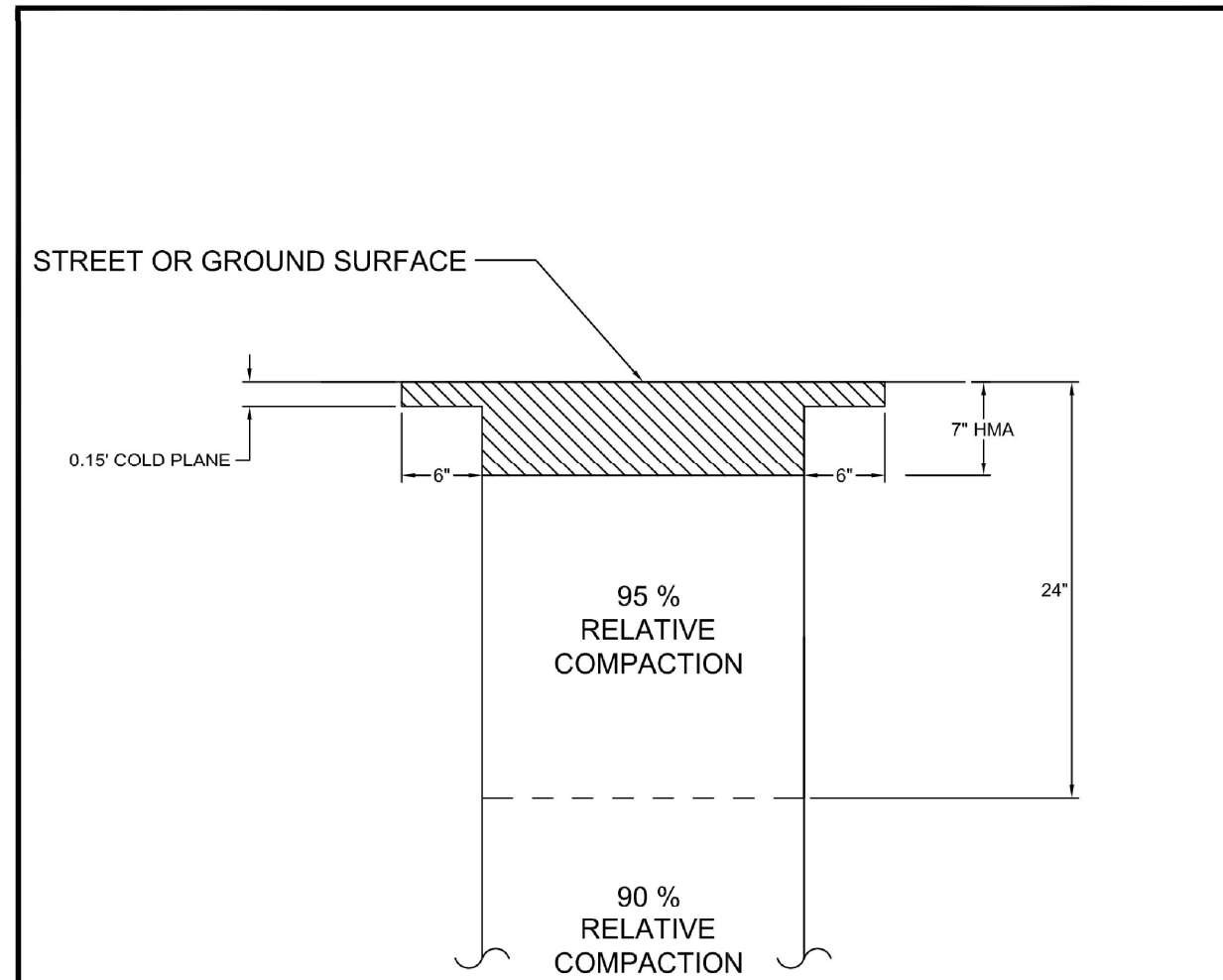
NOTES

- NO JETTING IS ALLOWED.
- CUT NEAT LINE AT EDGES OF PAVEMENT (TYP.)
- PERMANENT TRENCH RESURFACING SHALL BE PER DETAIL X ON DRAWING XX WITHIN THE WELL SITE.
- PERMANENT TRENCH RESURFACING SHALL BE PER DETAIL X ON DRAWING XX WITHIN THE COUNTY OF FRESNO RIGHT-OF-WAY.
- TEMPORARY RESURFACING SHALL CONSIST OF A MINIMUM OF 4" COLD MIX AND SHALL BE REQUIRED WHENEVER THE STREET IS TEMPORARILY OPENED TO TRAFFIC. ALL TEMPORARY MATERIAL SHALL BE COMPLETELY REMOVED PRIOR TO FINAL PAVING.

2  
CD9

NOT TO SCALE

PIPE BEDDING AND TRENCH BACKFILL



NOTES

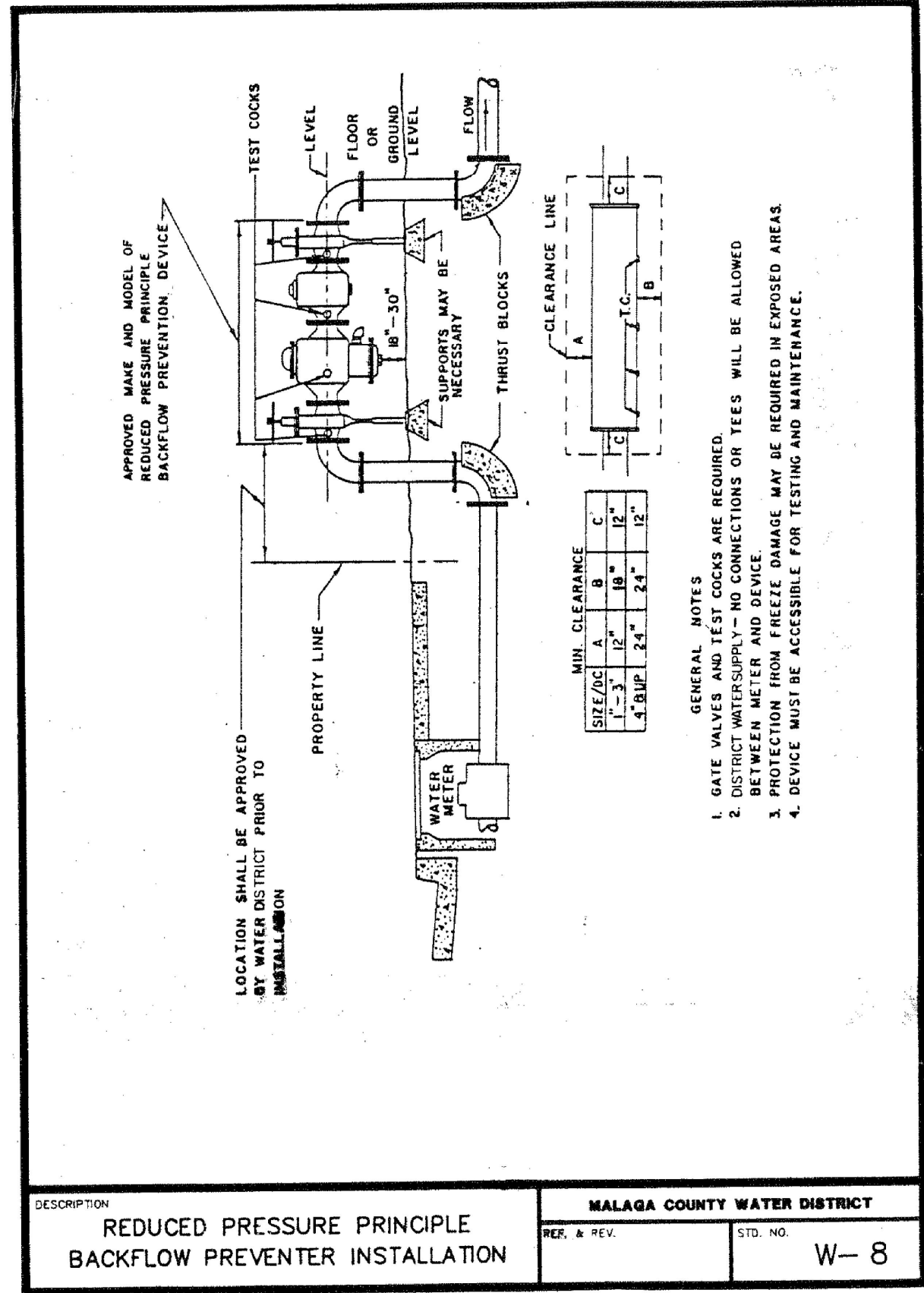
- HMA = HOT MIX ASPHALT CONCRETE PG 64-10
- IF THERE IS LESS THAN 2 FEET BETWEEN THE EDGE OF A TRENCH CUT AND A CONCRETE IMPROVEMENT, OR EDGE OF PAVING, THEN REMOVE AND REPLACE THE ASPHALT CONCRETE PAVEMENT FROM THE EDGE OF THE TRENCH CUT TO THE CONCRETE IMPROVEMENT, OR EDGE OF PAVING.
- RELATIVE COMPACTION SHALL BE PREPARED PER APPLICABLE COUNTY STANDARDS AND TESTING PERFORMED BY CALIFORNIA TEST METHOD 216 AND 231 AS DETERMINED BY THE COUNTY.
- NO JETTING IS ALLOWED.

DESIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_ REVISED DATE: 7/11/2019  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_



DEPARTMENT OF PUBLIC WORKS AND PLANNING  
**TRENCH BACKFILL AND RESURFACING**

3  
CD9

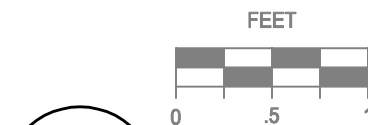
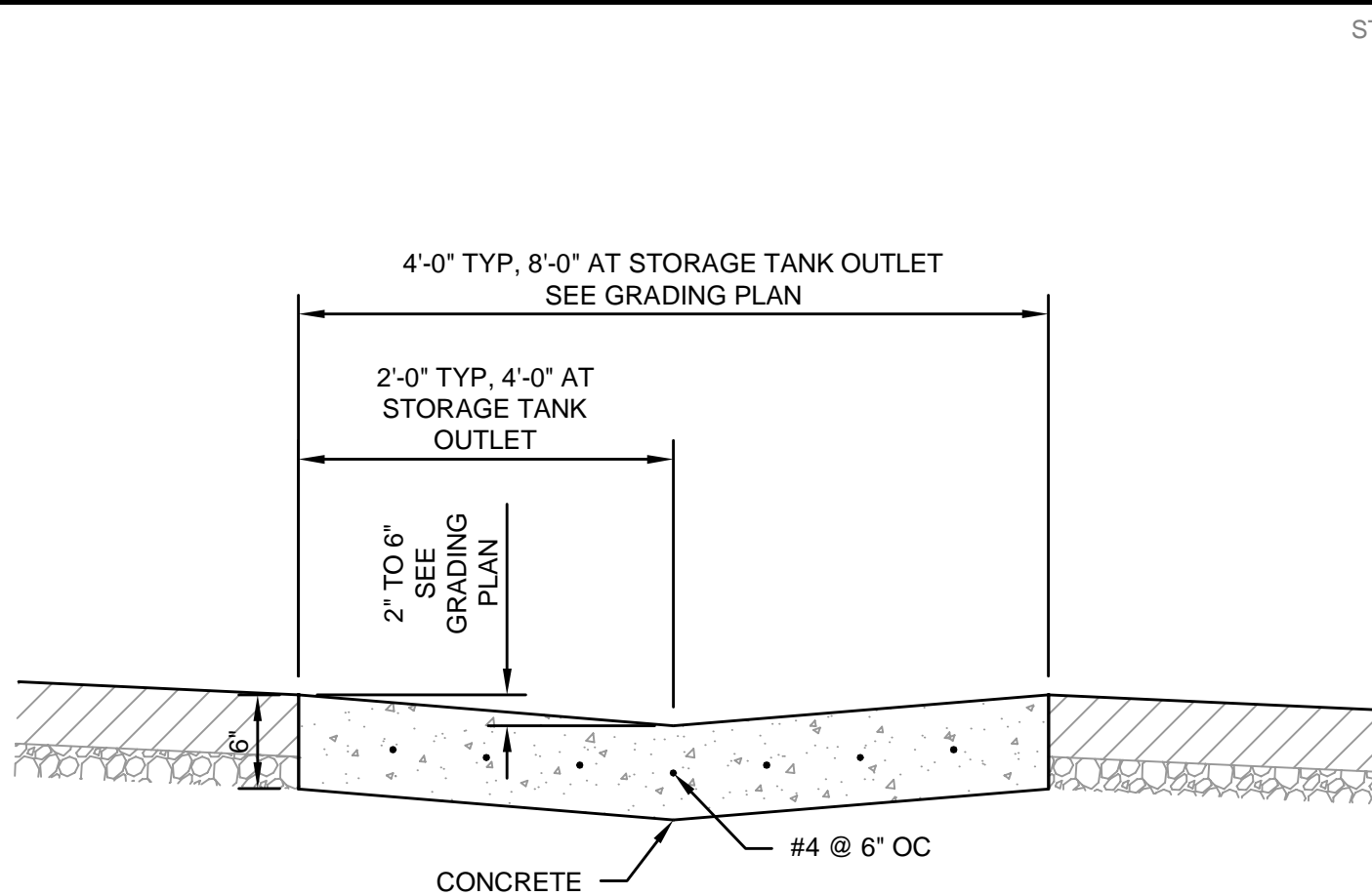


- GENERAL NOTES
- GATE VALVES AND TEST COCKS ARE REQUIRED.
  - DISTRICT WATERSUPPLY - NO CONNECTIONS OR TEES WILL BE ALLOWED.
  - PROTECTION FROM FLECK DAMAGE MAY BE REQUIRED IN EXPOSED AREAS.
  - DEVICE MUST BE ACCESSIBLE FOR TESTING AND MAINTENANCE.

DESCRIPTION: REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER INSTALLATION

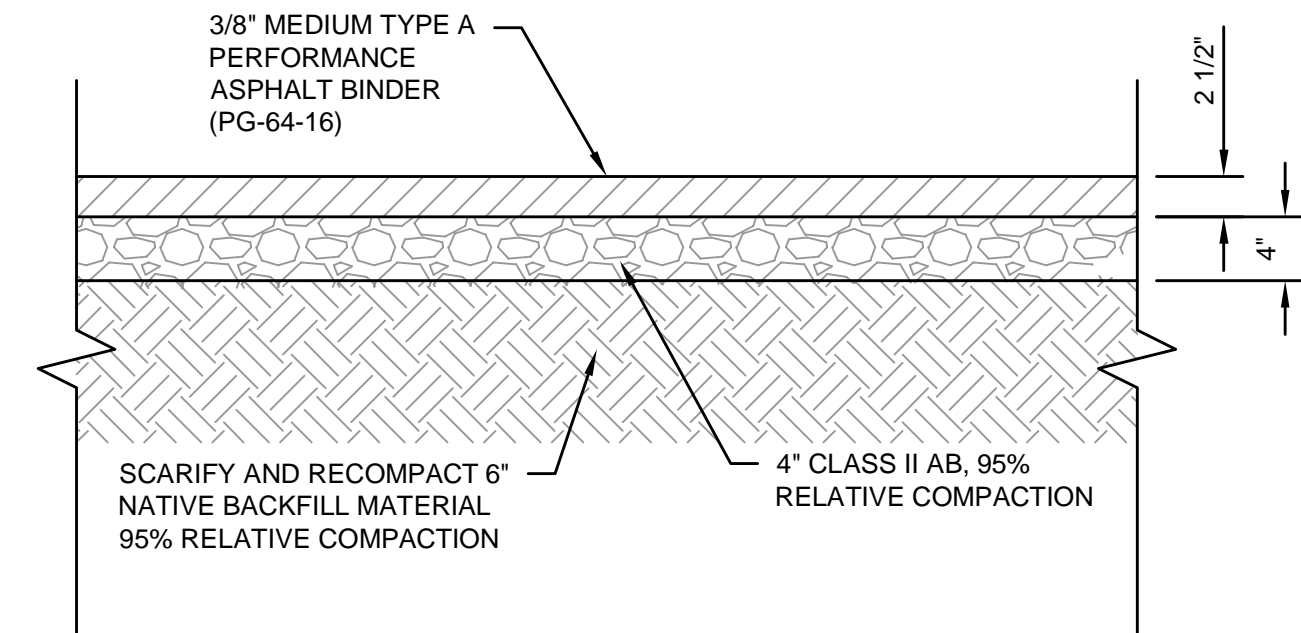
MALAGA COUNTY WATER DISTRICT  
REV. & REV. STD. NO. W-8

4  
CD9



5  
CD9

CONCRETE SWALE



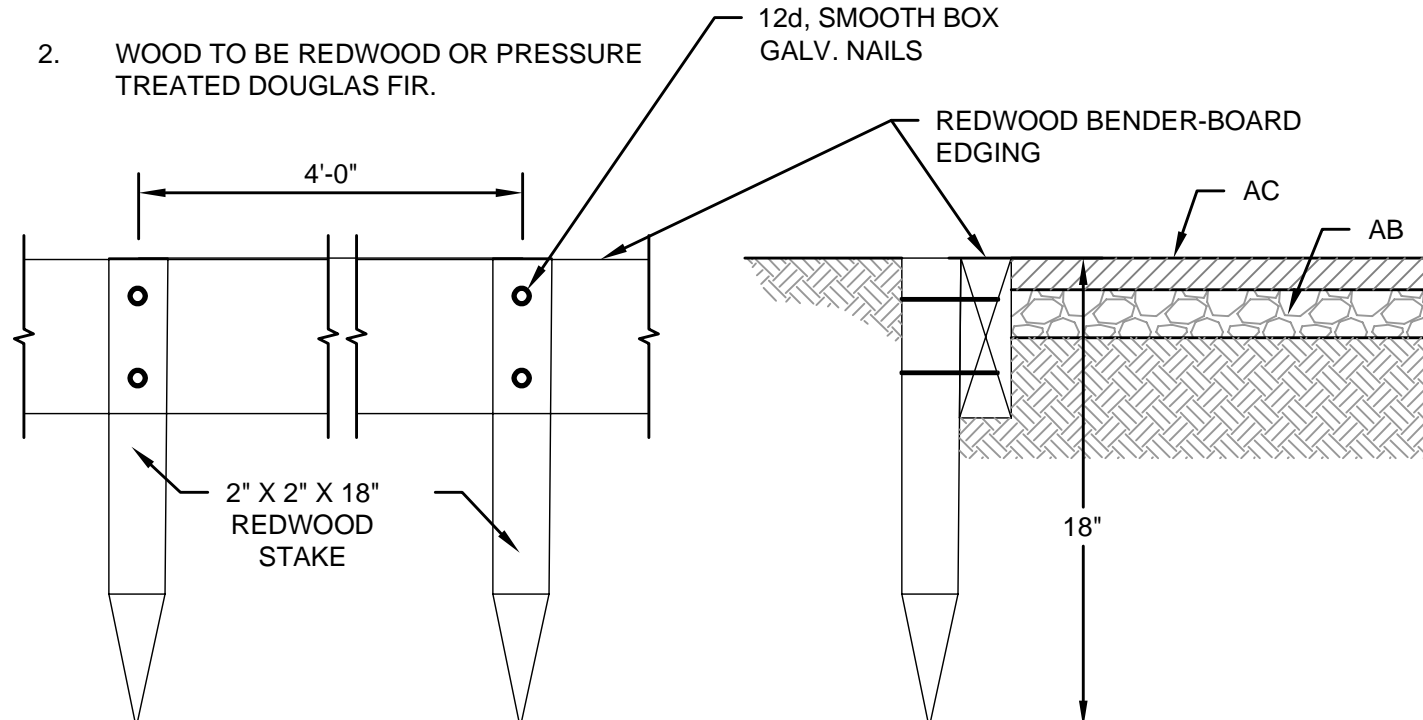
6  
CD9

NOT TO SCALE

ASPHALT PAVING SECTION

NOTES

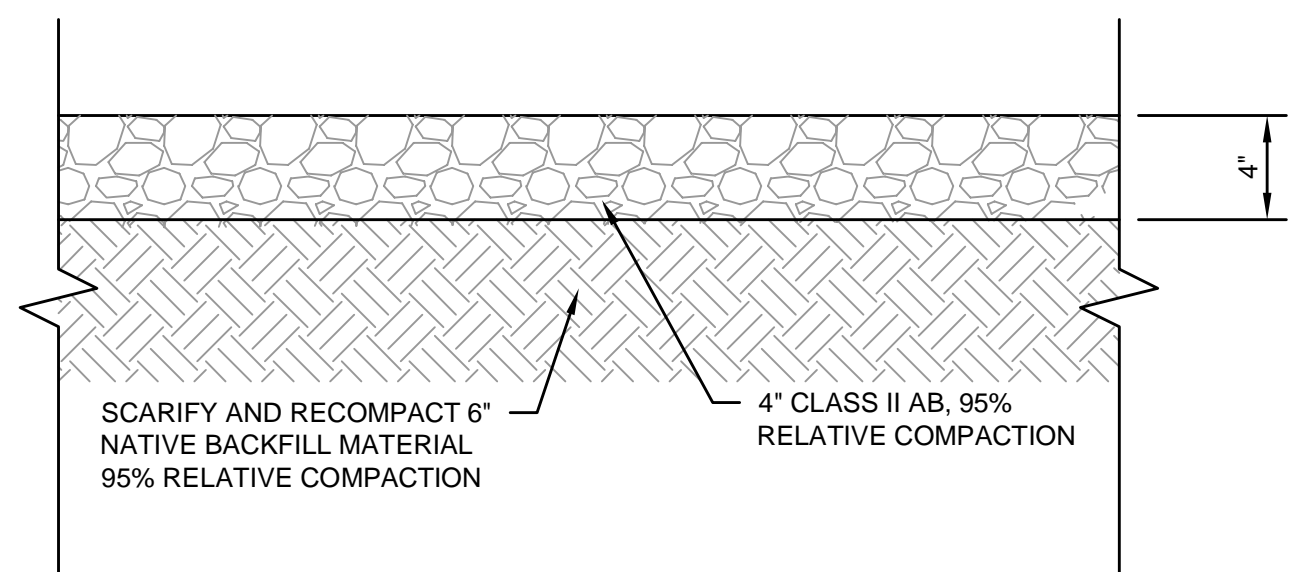
- SPLICE WITH SIMILAR MATERIAL TO HEADER. SPLICES MINIMUM LENGTH OF 3'.
- WOOD TO BE REDWOOD OR PRESSURE TREATED DOUGLAS FIR.



7  
CD9

NOT TO SCALE

REDWOOD HEADER



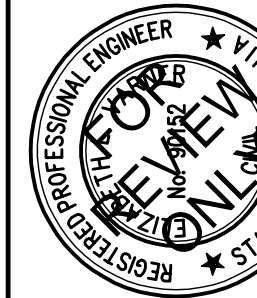
8  
CD9

NOT TO SCALE

AGGREGATE BASE SURFACE SECTION

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PRELIMINARY  
NOT FOR CONSTRUCTION  
04-19-2023



WELL 5A IMPROVEMENT PROJECT  
MALAGA COUNTY WATER DISTRICT  
FRESNO COUNTY, CA  
DETAILS  
MISCELLANEOUS SITE DETAILS

EST. 1968  
**PROVOST & PRITCHARD**  
CONSULTING GROUP  
AN Employee-Owned Company  
455 W. FAIR AVENUE  
CLOVIS, CALIFORNIA 93611  
558-4462/700 FAX 558-4462/716  
https://www.provostpritchard.com

DESIGN ENGINEER:  
LIZ VARNER  
LICENSE NO: ---

DRAFTED BY: PPI

CHECKED BY: MGT

DATE: 04-19-2023

JOB NO: 105722003

PROJECT NO: 105722003

PHASE:

0 1"

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

SHEET

CD9

OF 33







# Fresno County **item 16.a.1.** General Plan Review and Zoning Ordinance Update



Fresno County is conducting a countywide effort to review and revise the **Fresno County's General Plan**, which is a comprehensive plan that prioritizes Fresno County community values and members. It outlines the long-term vision for future decisions and actions on land use, infrastructure, public services, housing, economic development, resource conservation, and will help guide Fresno County into the future while maintaining its rural community charm.

## We want to hear from you! Your input matters.

Help plan for the future of Fresno County by joining us at our next community meetings. Attend and Participate!

*¡Traducción al español proporcionada!*



**June 13** Biola Community Service District Hall  
4925 N. Seventh St, Biola, CA 93706

**June 15** Clovis Police Department  
1233 5th St, Clovis, CA 93612

**June 19** Woodward Park Library  
944 E Perrin Ave, Fresno, CA 93720

**June 21** Riverdale Memorial District  
3085 W Mount Whitney Ave. Riverdale, CA 93656

**June 22** Betty Rodriguez Library  
3040 N Cedar Fresno, CA 93720

## 5:30 pm - 7:00 pm

### THOUGHTS? OPINIONS? LEAVE US A COMMENT

Email us at [gpr@fresnocountyca.gov](mailto:gpr@fresnocountyca.gov) Or  
visit [FresnoCountyGeneralPlan.com](http://FresnoCountyGeneralPlan.com) to  
submit feedback, review draft documents,  
and learn more about this process!

