

South San Joaquin Irrigation District

NOTICE TO PLANHOLDERS
ADDENDUM NO.1

PROJECT: SSJID-25002-Lateral W190dd3dd to We Pipeline Connection Project

TO: All Plan holders of Record

FROM: South San Joaquin Irrigation District

BID DATE: Thursday, October 16th, 2024, 2:00PM PST

Notice is hereby given to prospective bidders that the Bid Documents for the Lateral W190dd3dd to We Pipeline Connection Project have been modified as hereinafter set forth. This Addendum No.1 shall form a part of the Bid Documents and takes precedence over the original Bid Documents.

The following revisions, additions, or deletions shall be made to the Contract Documents:

1) ADDITION: Added Bid Item

Addition of Bid Item #13 “48-Inch Dia Tie-in to Ex. Control Box – 1 EA” to reflect plans.

- a) Addition reflected in Bid Schedule (See attached revised Bid Forms-Documents 00201)
- b) Addition reflected in Document 00502 Section B (Page 69 & 70)

2) ADDITION: Easement Staking

Addition to the summary of work for Clearing, Grubbing, & Misc. Tree Trimming Pg. 68 of the Construction Specifications, Document 00502, Section 1.01, Part B, Sub-part 4, shall include the following:

“The Contractor shall provide easement staking within the area of the proposed improvements at a minimum of 200-foot intervals and at transition points as necessary to delineate the District’s Easement prior to the commencement of clearing and grubbing.”

3) ADDITION: Construction Water

Addition to the special conditions for construction water, Pg. 68 of the Construction Specifications, Document 00502, Section 1.02, Part E shall include the following:

“The nearest suitable District well for construction water is at Well #92 (Aksland Pump) located at SSJID’s Lateral Wc Sta.196.”

See attached Map for location.

4) REVISION: SWPPP Sheet C16.0

Revision to sheet C16.0 of the plans. Revised notes, revised location of designated BMP areas to be within SSJID easement near Veritas Rd. Controlled construction entrances are required on any access road adjacent to any paved county road. A designated entrance/outlet tire wash is not required. The contractor is responsible for cleaning any track-out onto county right of way. There are no known drainage inlets within the construction area. Straw wattle is only required at the perimeter of the designated laydown and concrete washout area.

Replace:

~~“CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION, COMPLETION, AND SUBMISSION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO THE STATE WATER RESOURCES CONTROL BOARD IN ACCORDANCE WITH THE MOST CURRENT NPDES CONSTRUCTION GENERAL PERMIT REQUIREMENTS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING THE WASTE DISCHARGE IDENTIFICATION (WDID) NUMBER FOR THIS PROJECT. THIS WORK SHALL BE INCLUDED IN THE CONTRACTOR’S SCOPE OF WORK AND SHALL NOT BE PERFORMED BY SSJID.”~~

With:

“THE DISTRICT HAS SUBMITTED A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND HAS OBTAINED A WDID NUMBER (WDID# 5S39C409574). THE CONTRACTOR IS RESPONSIBLE TO EXECUTE AND CLOSE THE PERMIT INCLUDING MONITORING AND REPORTING AS WELL AS BMP INSTALLATION AND MAINTENANCE.”

5) REVISION: Lateral W Proposed Pour Over Structure Sta. 232+62, Detail 3, Sheet C14.0

Revised Sheet C16.0 Detail 3, top of vents and top of control box are to be elevation 44.00'. Existing 30" pipe invert is to match existing and to be determined in the field.

6) REVISION: Sheet C13.0

Revised Sheet C13.0, top of vents and top of control box are to be 44.00' at the proposed control box at Sta. 232+62. Existing 30" pipe invert is to match existing and to be determined in the field. Proposed 48" C-10 Waterman Gate at existing control box at Lateral W Sta. 233+50 is to be installed on the south wall.

7) REVISION: Sheet C12.0 Addition of 12" Vent

12" Vent is to be installed at the south connection to the proposed control at the Lateral We. Per Standard Detail 2.15 (Attached)

8) ADDITION: Pre-Bid Meeting Agenda & Pre-Bid Meeting Sign in Sheet

Attached are the Pre-bid Meeting Agenda and Contractor Sign in sheet held on 10/2/2025.

9) QUESTIONS & RESPONSES

- a. Question: Please confirm the Elevation of all Air Vents or if we are to match the Existing Air Vent elevation on Sheet C11.0 Station 50+08.

Response: 30" Access Air Vents per Detail 2.14 Sheet C4.0 shall be installed at the height 8-foot minimum from finish grade. Top of 12-inch air vents (per STD. Detail 2.15) are to match the top elevation of the adjacent control box.

- b. Question: Please confirm what the “provide an alternate storm water bypass” entails of if the contractor is not responsible per SSJID Standard Detail 1.02 Note #5 on Sheet C2.0.

Response: A storm bypass plan is not required by the contractor for the project. Confined space permit requires upstream boxes to be closed with lockout and tagout limiting storm water. The contractor is required to remove any incidental storm water within the pipe and coordinate with the District to discharge into adjacent properties or infrastructure.

- c. Question: Please confirm the street section of Existing Manteca Road.

Response: Replace the road section per SJCO Standard Details within County ROW.

- d. Question: Please confirm if native material can be used from top of pipe zone to the AB road base at the Manteca Road Crossings.
Response: Native material is acceptable, and the contractor shall meet the trench backfill requirements as directed in SJCO Standard Details within County ROW.
- e. Question: Please confirm if Asphalt Fabric and Prime Coat is required at the Manteca Road crossings.
Response: Contractor is to meet the requirements of SJCO Standard Details and Specifications for trench backfill.
- f. Question: Please confirm if there are any Existing Utility crossings at the Manteca Road Crossings.
Response: SSJID is not aware of any existing underground crossings within the ROW at Manteca Rd. The Contractor is responsible to USA the site prior and have a valid ticket prior to any excavation. The Contractor shall notify SSJID of any utilities not shown on the plans.
- g. Question: Please confirm SSJID is to install and furnish the new 42" & 48" C-10 Gates on the Existing Pour-Over Structures Sheet C13.0 Stations 232+50 and 239+53. Please add bid items accordingly if contractor is to install and furnish.
Response: The Contractor is not required to furnish and install the C10 gates as shown on the plans. This work is to be furnished and installed by the District after construction.
- h. Question: Please confirm if Bid Item #5 Tree Removal & Off Haul includes the trees in the areas designated for the Entrance/Outlet Tire Wash, Vehicle Maintenance Area, Concrete Washout, and Job Trailer & Laydown Area per Sheet C16.0.
Response: No trees are to be removed for the SWPPP items and BMP's shown on sheet C16.0. See Item#4 above within this Addendum for revision to Sheet C16.0.
- i. Question: Please confirm what erosion control measures will be required.
Response: See Item #4 above within this Addendum for revision to Sheet C16.0.
- j. Question: Please confirm if the Pipe Trench Foundational bedding will be required for the installation of the SSJID pipeline
Response: Project location is outside of the designated "clay" areas of the District where import for bedding is required. Native material for bedding and haunching per Standard Detail 2.03 is acceptable. Due to the burial depths, control boxes are required to have a minimum 12-inch depth of ¾" crushed rock below the footing and be backfilled with native material.
- k. Question: Can you please confirm that all SSJID structures on the project are to have a survey monument per Document 00501 General Construction Notes (Note #9) in the Construction Specifications.
Response: All control boxes are to have survey monuments. SSJID will furnish the survey monument to the contractor to be installed on the top of box. The contractor is to install the monument and provide surveyed northing, easting, and elevation of each monument.
- l. Question: Please confirm if Native Material is acceptable for the Foundation, Bedding, Haunching, Initial Backfill, Intermediate Backfill, and Final Backfill per Standard Detail 2.03 on sheet C3.0.
Response: See question and response to Item #8-j above.

- m. Question: Can you please confirm what hook up and valve is needed for the 30" Irrigation Gate "U" Structure per SSJID Standard Details No 4.02.

Response: See attached updated Standard Detail 3.16. Contractor is to furnish and install hookup to pipe, floor, walls, 30" valve, and rip-rap. 30-inch flood valves are to be furnished from Priority Ag. Inc. in Modesto, Ca. (Contact: Brian Hall, 209-499-6051). The District will furnish and install the remaining metal grating and spreader bar after construction by contractor.

- n. Question: Could SSJID provide the contractors with the details regarding the cost of the county encroachment permit?

Response: SJCO Encroachment Permit Processing is \$395 plus \$140 each for inspection of Utility Permit Cross Cut.

Attachments:

1. Revised Bid Forms (Document 00201) (8 Sheets)
2. Revised Summary of Work and Special Considerations (Document 00502) (4 Sheets)
3. Well #92 Location Map (1 Sheet)
4. Revised Contract Plans Per Addendum #001 (17 Sheets)
5. Updated Standard Detail 3.16 – Irrigation Valve U Structure (1 Sheet)
6. Pre-Bid Meeting Agenda & Pre-Bid Meeting Sign in Sheet (4 sheets)

Bidders shall acknowledge receipt of Addendum No.1 in the space below and include this page with the bid. Failure to do so may subject bidder to disqualification.



Chad Parsons P.E.
Senior Engineer

I acknowledge receipt of Addendum No.1, consisting of four (4) pages.

Signed _____
Bidder

DOCUMENT 00201**BID FORMS****TO THE SOUTH SAN JOAQUIN IRRIGATION DISTRICT:**

BID ITEM	DESCRIPTION	UNITS	ESTIMATED QUANTITY	UNIT PRICE	TOTAL ESTIMATED PRICE
1.	Mobilization & Demobilization, Insurance, Bonding, & Permitting	LS	1		
2.	SWPPP Preparation, Implementation, & Dust Control	LS	1		
3.	Surveying, Construction Staking, & Monument Preservation	LS	1		
4.	Clearing, Grubbing, & Misc. Tree Trimming	LS	1		
5.	Tree Removal & Off Haul	EA	143		
6.	Sawcut, Demo, & Off Haul Existing Concrete Pipe & Structures	LS	1		
7.	Single Cell Control Box (Concrete Only) (Grating, Rails, Canal Gates, Ladders, Steps, to be Furnished and Installed by the District)	EA	1		
8.	Pour Over Control Box (Concrete Only) (Grating, Rails, Canal Gates, Ladders, Steps, to be Furnished and Installed by the District)	EA	2		
9.	48-inch Dia. CLIII RGRCP	LF	3,010		
10.	48-inch Dia. CLIV RGRCP at Manteca Rd.	LF	51		
11.	48-inch Dia. 45 Degree Elbow, Cast-In- Place	EA	6		
12.	48-inch Dia. Concrete Collar at Tie-In	EA	6		
13.	48-inch Dia. Tie-in to Ex. Control Box	EA	1		
14.	30-inch Dia. CLIII RGRCP at Control Box Tie-Ins	LF	24		

15.	30-inch Dia. Concrete Collar at Tie-In	EA	1		
16.	12-inch Dia. Standard Vent (Not Including Vent Covers)	EA	7		
17.	30-inch Dia. Access Vent (Not Including Vent Covers)	EA	5		
18.	30-inch "U" Structure Valve	EA	2		
19.	8-inch Dia. DIP CL50 Maintenance Pump Piping at Control Box Sta. 72+74	LS	1		
20.	Road Crossing at Manteca Rd. Per SJCO (Includes all work within SJCO ROW: Traffic Control, Permitting, and Compaction Testing, etc.)	LS	1		
21.	Force Account – Remove & Replace Private Irrigation as Directed by SSJID	LS	1	\$15,000.00	\$15,000.00

The undersigned declares he/she has carefully examined the location of the proposed work, that he/she has examined the plans, and read the accompanying instructions to Bidders, and hereby proposes to furnish all labor, materials, tools, equipment, and incidentals, and do all work required to complete the said Work in accordance with the Plans and Specifications for the unit prices set forth in the following schedule:

TOTAL BASE BID AMOUNT (Items #1-#21) \$ _____

TOTAL BASE BID AMOUNT IN WORDS:

IN THE EVENT OF DISCREPANCY BETWEEN FIGURES AND WORDS, WORDS SHALL PREVAIL

DATED: _____

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____

(Individual's Signature)

Doing business as: _____

Business Address: _____

Phone Number: (____) _____ FAX Number: (____) _____

A Partnership

Partnership Name: _____

By: _____

(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

Business Address: _____

Phone Number: (____) _____ FAX Number: (____) _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Professional, Service Limited Liability): _____

By: _____

(Signature – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Attest: _____

(Signature of Corporate Secretary, Acting Secretary or other officer)

Business Address: _____

Phone Number: (____) _____ FAX Number: (____) _____

Date of Qualification to do business is _____

A Joint Venture

Joint Venture Name: _____

By: _____

(Signature of joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business Address: _____

Phone Number: (____) _____ FAX Number: (____) _____

Joint Venturer Name: _____

By: _____

(Signature of joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business Address: _____

Phone Number: (____) _____ FAX Number: (____) _____

Phone and FAX Number, and Address for receipt of official communications:

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

AWARD OF PROPOSED WORK

The District reserves the right to reject any and all bids. The award, if made, will be made to the lowest single responsive and responsible Bidder as submitted.

CONTRACTOR'S LICENSE STATEMENT

CALIFORNIA CONTRACTOR'S LICENSE NUMBER: _____

LICENSE EXPIRATION DATE: _____

CONTRACTOR'S DIR REGISTRATION NUMBER STATEMENT

CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS REGISTRATION NUMBER: _____

ACKNOWLEDGMENT OF ADDENDA

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

ADDENDUM NO.: _____ _____ _____ _____

CONTRACTOR'S INITIAL _____ _____ _____ _____

LIST OF PROPOSED SUBCONTRACTORS

Listed hereinafter are the names and addresses of all Subcontractors who will be employed, and the kind of work which each will perform if the contract is awarded to the undersigned. I understand that under Public Contract Code Section 4100 et seq. (4104), I must clearly set forth:

- (c) The name, the location of the place of business, and the California contractor's license number, and DIR Registration Number of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of 1 percent of the Prime Contractor's total bid.
- (b) The portion of the work which will be done by each Subcontractor under this act. The Prime Contractor shall list only one (1) Subcontractor for each portion as is defined by the Prime Contractor in his/her/their/its bid.
- (c) Violations of this Act, the Prime Contractor shall be subject to penalties set forth in Public Contract Code Sections 4110 and 4111.

Portion of Work	Name, Place of Business	Cal. Const. Lic.#	DIR Regist. #

THE BIDDER MUST COMPLETE THE FOLLOWING QUESTIONNAIRE
QUESTIONNAIRE

Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has a proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a Federal, State, or Local government project because of a violation of law or a safety regulation?

YES _____

NO _____

If the answer is "yes", explain the circumstances in the following space:

NOTE: This questionnaire constitutes a part of the Bid Form, and signature on the signature portion of the Bid Form shall constitute execution of this questionnaire.

FAIR EMPLOYMENT PRACTICES CERTIFICATION

The Bidder, in submitting a bid for performing the following work by contract, hereby certifies that he has or will meet the standards of affirmative compliance with the Fair Employment Practices Act relating to the work herein.

This certificate constitutes a part of the Bid Form, and signature on the signature portion of the Bid Form shall constitute execution of this certification

**NONCOLLUSION DECLARATION
TO BE EXECUTED BY BIDDER AND SUBMITTED
WITH BID**

The undersigned declares:

I am the _____(title)
of the party making the foregoing Bid.

The Bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation.

The Bid is genuine and not collusive or sham.

The Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid.

The Bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding.

The Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder.

All statements contained in the Bid are true.

The Bidder has not, directly or indirectly, submitted his/her/their/its bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability Company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, this declaration on behalf of the bidder.

I declare under perjury under the laws of the State of California the foregoing is true and correct and that this declaration is executed on _____
20____, at City of _____, State of _____

_____(signature)

_____(print name of person signing)

END OF DOCUMENT 00201

DOCUMENT 00502

SUMMARY OF WORK AND SPECIAL CONSIDERATIONS

1.01 WORK COVERED BY CONTRACT DOCUMENTS

- A. The Work covered by these Contract Documents consists generally of providing the following:

Clearing and grubbing of trees and removal of private irrigation facilities within Project right of way. Removal and off haul of approximately 169 lineal feet of 30-inch dia. to 48-inch dia. concrete pipe and structures. The installation of approximately 3,010 linear feet of 48" diameter rubber gasketed reinforced concrete pipe (RGRCP) connecting the Lateral W190dd3dd irrigation line to the Lateral We irrigation line and a shorter connection from the Lateral W to the Lateral W-Wc irrigation line. The Work includes the construction of three (3) concrete control boxes, vents, two (2) "U" structure flood valves, miscellaneous ductile iron piping for maintenance pumping, and constructing a road crossing at Manteca Rd. Contractor shall furnish the specified materials, hardware, concrete/grout, other materials, equipment, tools, labor, incidentals, and traffic control as necessary to perform the Work. Contractor is not responsible for furnishing and installing canal gates, railing, grating, and ladders on the new control boxes or for the steel covers on the top of vents, this work will be fabricated and installed by District crews.

- B. Each item in the Bid Schedule is described below and shall be installed per standard SSJID specifications. Note: Items showing a strike through are not part of this project.

1. **Mobilization & Demobilization, Insurance, Bonding, & Permitting (LS):** Payment for this item shall include full compensation for all labor materials, tools, equipment, and incidentals making up the cost of mobilization, move-in, move-out, all necessary bonds, insurance permits, licenses, and fees required during the performance of the work as specified. This item also includes demobilization, including the removal of all equipment, supplies, and personnel and incidentals from the project at the end of construction. Payment for mobilization shall be made with the first progress payment and shall not exceed 80% of bid item amount. Payment for demobilization shall be made with the last progress payment and shall not be less than 20 percent of the bid item amount
2. **SWPPP Preparation, Implementation, & Dust Control (LS):** Items include all labor, materials, tools, equipment and incidentals required to implement a Storm Water Pollution Prevention Plan (SWPPP) as specified and all necessary inspection, monitoring, testing and reporting services of the QSP if required under the State of California Construction General Permit and as set forth in the SWPPP. This item also includes all labor, materials, tools, equipment and incidentals required to perform dust control measures for the project limits.
3. **Surveying/Construction Staking/Monument Preservation (LS):** Item includes all labor, material, equipment to perform survey, staking, and preservation services at the direction of a California licensed Professional Land Surveyor.
4. **Clearing, Grubbing & Misc. Tree Trimming (LS):** Item includes all labor, material, equipment, and trucking to clear right of way to prepare for pipeline removal and installation. Including private irrigation relocation, removal, and capping. Includes any tree trimming of canopy of trees within the easement not slated for full removal. The Contractor shall provide easement staking within the area of the proposed improvements at a minimum of 200-foot intervals and at transition points as necessary to delineate the District's Easement prior to the commencement of clearing and grubbing.

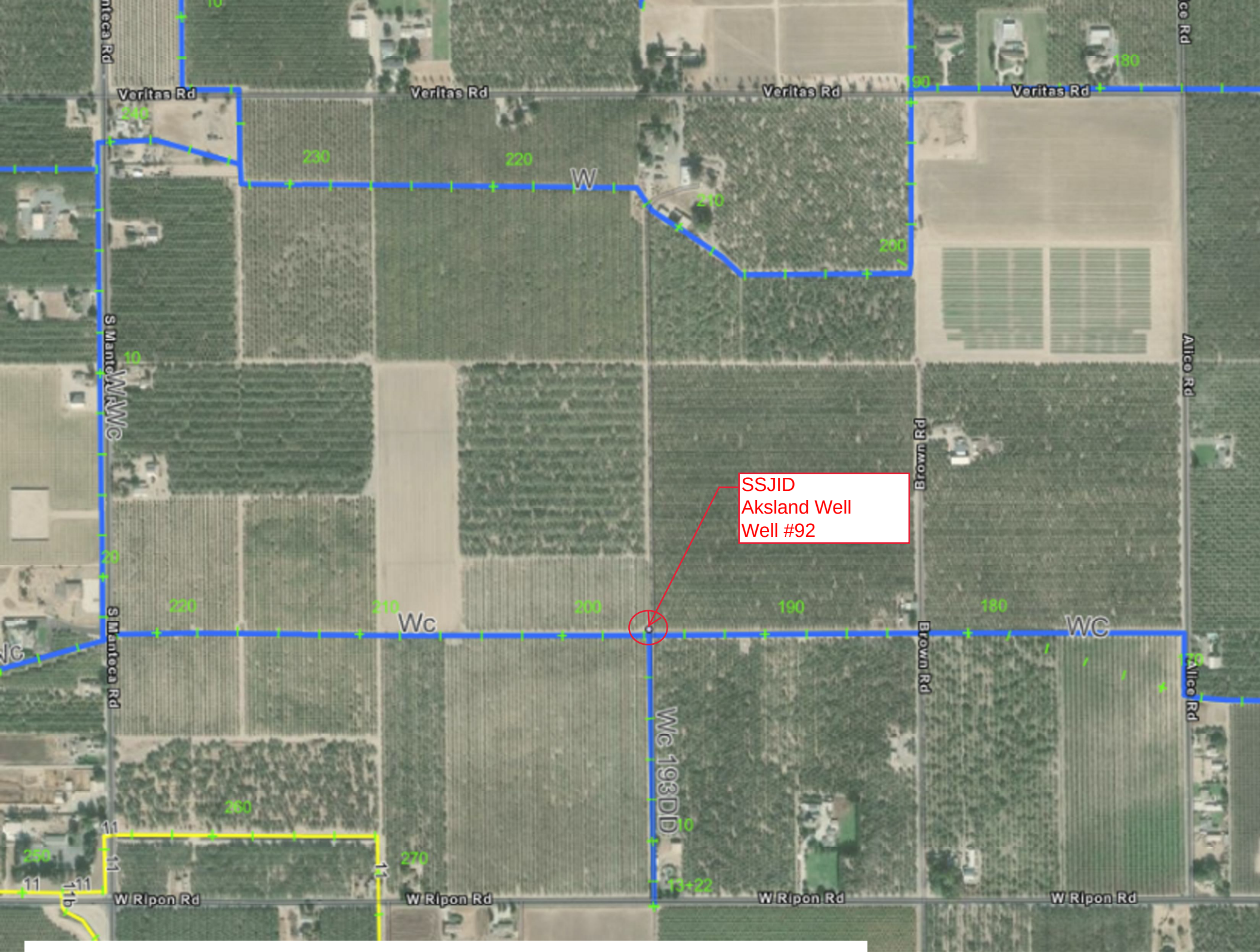
5. **Tree Removal & Off Haul (LS):** Item includes all labor, material, equipment, and trucking to remove and off haul trees within right of way as shown in the contract plans. Includes roots, stump, trunk, and slash removal and off haul as well as backfill and miscellaneous grading to original grade.
6. **Sawcut, Demo, & Off haul Existing Concrete Pipe & Structures (LS):** Item includes all labor, material, equipment, and trucking to sawcut, demolish, and off-haul existing pipe and structures.
7. **Single Cell Control Box (Concrete Only) (Grating Rails, Canal Gates, Ladders, Steps, to be Furnished and Installed by the District) (EA):** Furnish & install single cell concrete control box. Item includes excavation, reinforcement, water stop, and concrete. Item also includes Christy G5 access boxes for tracer wire at each pipe connection to box. Canal gates, ladders, grating, and steps are not included in the item and will be furnished and installed by the Owner.
8. **Pour Over Control Boxes (Concrete Only) (Grating, Rails, Canal Gates, Ladders, Steps, to be Furnished and Installed by the District) (EA):** Furnish & install pour over concrete control boxes. Item includes excavation, reinforcement, water stop, and concrete. Item also includes Christy G5 access boxes for tracer wire at each pipe connection to box. Canal gates, ladders, grating, and steps are not included in the item and will be furnished and installed by the Owner.
9. **48-inch Dia. CLIII RGRCP (LF):** Furnish & install 48-inch diameter CLIII RGRCP as per District Standards. Item includes excavation, placement, marking tape, tracer wire, backfill, and compaction.
10. **48-inch Dia. CLIV RGRCP at Manteca Rd. (LF):** Furnish & install 48-inch diameter CLIV RGRCP as per District Standards. Item includes excavation, placement, marking tape, tracer wire, backfill, and compaction.
11. **48-inch Dia. 45 Degree Elbow, Cast-in-Place (EA):** Furnish & install 48-inch diameter cast-in-place 45-degree elbow per District Standards. Item includes excavation, form work, reinforcement, concrete, grouting, marking tape, tracer wire, backfill, and compaction.
12. **48-inch Dia. Concrete Collar at Tie-In (EA):** Furnish & install 48-inch diameter cast-in-place concrete collar per District Standards. Item includes excavation, form work, reinforcement, water-stop, concrete, pipe material, grouting, backfill, and compaction.
13. **48-inch Dia. Tie-In at Ex. Control Box (EA):** Furnish & install 48-inch diameter cast-in-place concrete connection to existing control box by District Standards. Item includes excavation, form work, reinforcement, water-stop, concrete, pipe material, grouting, backfill, and compaction.
14. **30-inch Dia. CLIII RGRCP at Control Box Tie-ins (LF):** Furnish & install 30-inch diameter CLIII RGRCP as per District Standards. Item includes excavation, placement, marking tape, tracer wire, backfill, and compaction.
15. **30-inch Dia. Concrete Collar at Tie-In (EA):** Furnish & install 30-inch diameter cast-in-place concrete collar per District Standards. Item includes excavation, form work, reinforcement, water-stop, concrete, pipe material, grouting, backfill, and compaction.

- 16. 12-inch Dia. Standard Vent (Not Including Vent Covers) (EA):** Furnish & install 12-inch diameter access vents per District Standards. Item includes excavation, form work, reinforcement, water-stop, concrete, pipe material, grouting, backfill, and compaction. Item also includes furnishing and installation of Christy G5 access boxes for tracer wire access at each vent. Vent cover is not included in the item and will be furnished and installed by the Owner.
- 17. 30-inch Dia. Access Vent (EA) (Not Including Vent Covers):** Furnish & install 30-inch diameter access vents per District Standards. Item includes excavation, form work, reinforcement, water-stop, concrete, pipe material, grouting, backfill, and compaction. Item also includes furnishing and installation of Christy G5 access boxes for tracer wire access at each vent. Vent cover is not included in the item and will be furnished and installed by the Owner.
- 18. 30-inch "U" Structure Valve (EA):** Furnish & install 30-inch "U" Structure Valve per District Standards. Item includes excavation, form work, metal valve frame, metal cover & stem, reinforcement, water-stop, concrete, pipe material, grouting, backfill, and compaction.
- 19. 8-inch Dia. DIP CL50 Maintenance Pump Piping at Control Box Sta. 72+74 (LS):** Furnish & install 8-inch diameter ductile iron piping, valves, and appurtenances as necessary to accommodate maintenance pumping.
- 20. Road Crossing at Manteca Rd. Per SJCO (LS):** Furnish labor, equipment, and materials to implement traffic control, sawcut and excavate, backfill, AC pavement, and striping within San Joaquin County Right of Way as per the requirements of the encroachment permit including compaction testing. Contractor is responsible to obtain encroachment permit with SJCO.
- 21. Force Account – Remove & Replace Private Irrigation as Directed by SSJID (LS):** Force account item as directed by SSJID for miscellaneous removal and replacement of private irrigation up to the amount of \$15,000.00, as needed. This bid item shall follow the measurement and payment terms of Section 8.02 "Extra Work."

1.02 SPECIAL CONSIDERATIONS

- A. The Contractor shall obtain and maintain an active and valid USA ticket in excavation areas at all times.
- B. The District has submitted a Utility Encroachment Application and is currently in review at San Joaquin County (PW-ENCUTIL-2503307). A plan set and standard traffic control plans were submitted as per **Appendix B**. The Contractor is responsible for obtaining the encroachment permit from San Joaquin County and pay the fee. Any additional documentation, plans, or traffic control plans required for the issuance of a permit is the responsibility of the contractor. The Contractor is responsible to abide by the terms of the encroachment permit and San Joaquin County's Standards & Specifications.
- C. Compaction testing is to be performed by an independent laboratory. The Contractor is required to provide compaction testing as required per the SJCO Encroachment Permit. Remainder of the project shall be provided by the District at the District's discretion per the District's specifications. Contractor is to provide test pits and coordinate with the District Inspector on testing locations.
- D. Construction staking and surveying is to be provided by a licensed surveyor at the expense and responsibility of the Contractor. This work also includes permanent survey marker preservation in accordance with Section 8771(a-f) of the California Business and Professions Code. The Contractor shall install District survey monuments on newly constructed boxes (survey markers shall be furnished by the District) and documented by the surveyor. Horizontal data shall be based upon the North American Datum of 1983 (NAD83), California Coordinate System, Zone 3, US feet. Vertical datum shall be the National Geodetic Vertical Datum of 1929 (NGVD29). New monument and coordinate data shall then be provided to District with the as-built drawings.

- E. Construction water can be made available by the District at no cost to the Contractor at nearby deep wells owned by the District ranging in flow rates from 2.5 cfs to 5 cfs. The Contractor is responsible for any piping modifications necessary to obtain water from the wells with approval by the District. The Contractor shall replace any piping to its original condition after use as the District deems necessary. The nearest suitable District well for construction water is at Well #92 (Aksland Pump) located at SSJID's Lateral Wc Sta.196.
- F. Contractor is to abide by the District's lockout and tagout procedures and shall lock two control boxes upstream from any potential hazard. Small incidental storm water may be expected during construction. The Contractor shall pump and manage any incidental storm water.
- G. Contractor is to coordinate with the District Inspector and landowners as necessary to perform clearing, grubbing, and construction.
- H. Spoils generated by the pipe installation may be spread throughout the District's easement area at depth not exceeding six inches from the adjacent finish grade. Any excess spoils may be taken to the Hoff property located at APN# 226-130-03.
- I. The Contractor is responsible to secure an area for a laydown yard and staging area if outside of the District's easements. The Contractor may be allowed to utilize adjacent District easements as necessary for staging at the approval of the District. Contractor shall be responsible for securing staging area and facilities necessary to support construction personnel such as portable bathrooms and garbage dumpsters.
- J. The contractor is responsible for all implementation and monitoring of storm water pollution prevention and dust control measures. Including any BMP's, track-out devices, concrete wash out, and street sweeper cleaning as necessary.



SSJID
Aksland Well
Well #92

IMPROVEMENT PLANS FOR:
SOUTH SAN JOAQUIN IRRIGATION DISTRICT
LATERAL W190DD3DD TO WE CONNECTION PROJECT
MANTECA, SAN JOAQUIN COUNTY, CALIFORNIA

ADDENDUM #001
10/8/2025

mcr
ENGINEERING
www.mcreng.com
1242 DUPONT COURT
MANTECA, CA 95336
TEL : (209) 239-6229
FAX : (209) 239-8839

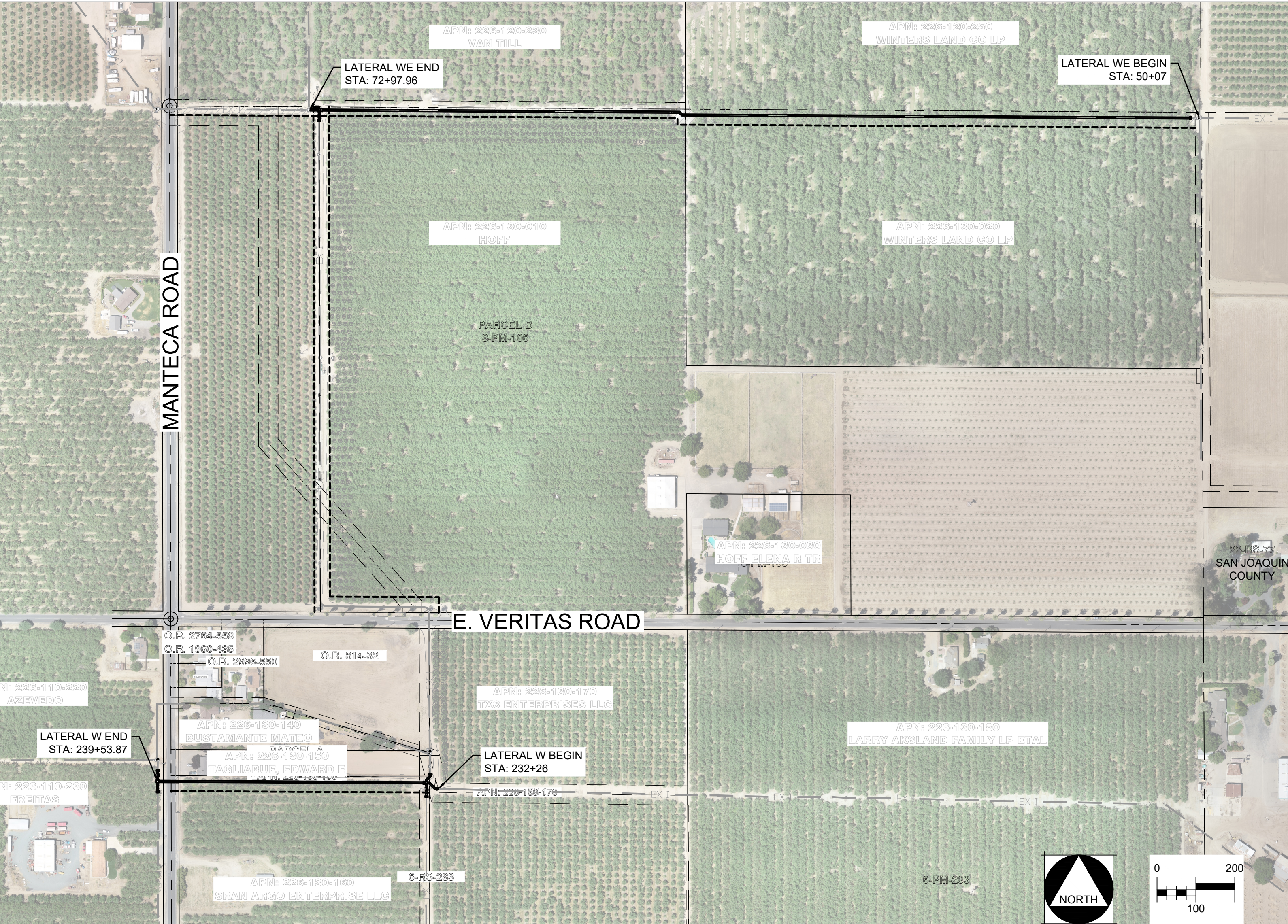


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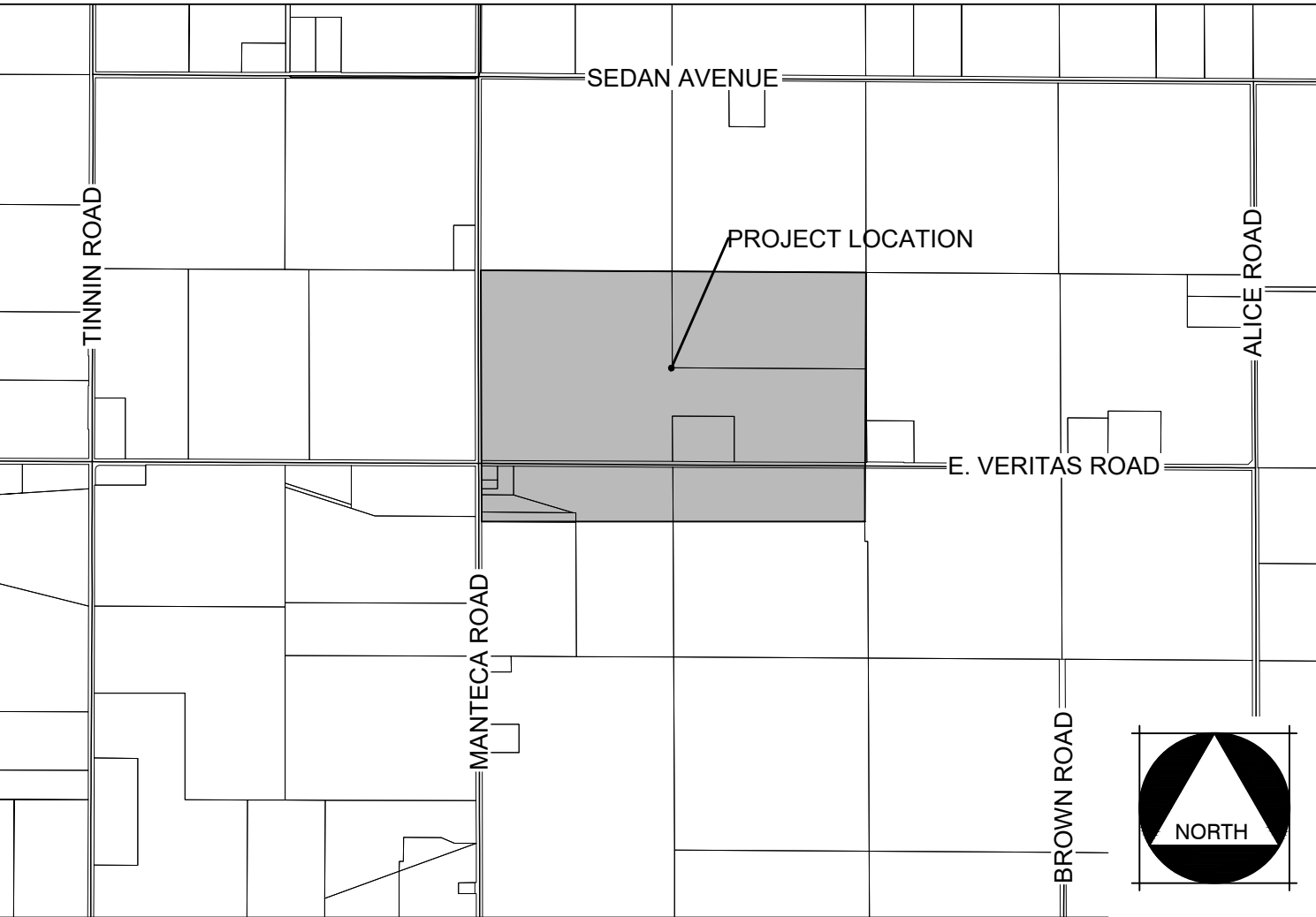
LEGEND

ITEM	EXISTING	PROPOSED
IRRIGATION		
IRRIGATION DIRECTION & SIZE		
IRRIGATION CONTROL BOX		
IRRIGATION 'C' STRUCTURE		
IRRIGATION 'U' STRUCTURE		
IRRIGATION 'THRU' STRUCTURE		
IRRIGATION STANDPIPE		
SSJID WATERLINE MARKER		
ELEVATION	43.50FG 43.00EG	43.50FG 43.00EG
ORIGINAL GROUND		N/A
CONTOUR (0.5' INTERVAL)		
WIRE FENCE		
WOOD FENCE		
IRRIGATION STRUCTURE CALLOUT	24\"/>	N/A
TREE		N/A
TREE REMOVAL DELINEATION (DEMO PLAN)		N/A
DETAIL CALLOUT	DETAIL NUMBER SHEET REFERENCE	
PAVEMENT		
EASEMENT		
PROPERTY LINE		

SITE PLAN



VICINITY MAP



SHEET INDEX

SHEET NUMBE R	SHEET TITLE
C1.0	COVER SHEET
C2.0	GENERAL NOTES & SPECIFICATIONS
C3.0	CONSTRUCTION DETAILS
C4.0	CONSTRUCTION DETAILS
C5.0	CONSTRUCTION DETAILS
C6.0	CONSTRUCTION DETAILS
C7.0	CONSTRUCTION DETAILS
C8.0	CONSTRUCTION DETAILS
C9.0	DEMOLITION SHEET INDEX
C10.0	TOPOGRAPHIC SURVEY & DEMOLITION PLAN
C11.0	PLAN & PROFILE SHEET INDEX
C12.0	LATERAL WE STA 50+07.00 - 62+00.00 PLAN & PROFILE
C13.0	LATERAL WE STA 62+00.00 - 74+00.00 PLAN & PROFILE
C14.0	LATERAL W PLAN & PROFILE
C15.0	STRUCTURE DETAILS
C16.0	SSJID MAINTENANCE PUMP DETAILS
C17.0	EROSION & SEDIMENT CONTROL PLAN
C18.0	EROSION & SEDIMENT CONTROL DETAILS

ABBREVIATION LIST

@	AT	EP	EDGE OF PAVEMENT	PIV	POST INDICATOR VALVE	SL	SECTION LINE
AB	AGGREGATE BASE	ESMT	EASEMENT	PL	PROPERTY LINE	SNS	STREET NAME SIGN
AC	ASPHALT CONCRETE	EVA	EMERGENCY VEHICLE ACCESS	PP	POWER POLE	SSJID	SOUTH SAN JOAQUIN IRRIGATION
ADA	AMERICAN DISABILITIES ACT	EVC	END OF VERTICAL CURVE	PRC	POINT OF REVERSE CURVATURE	STA	DISTRICT
BC	BEGINNING OF CURVE	EX, (EX), EXIST	EXISTING	PT	POINT	STD	STATION
BDRY	BUILDING SET BACKLINE	FDC	FIRE DEPARTMENT CONNECTION	PUE	PUBLIC UTILITY EASEMENT	SW / SW	STANDARD
BSL	BOTTOM WALL	FG	FINISHED GRADE	PVC	POLYVINYL CHLORIDE PIPE	SS	SIDEWALK
BVC	BEGIN VERTICAL CURVE	FH	FIRE HYDRANT	R	RADIUS	TC	SANITARY SEWER
BW	BOTTOM WALL	FL	FLOW LINE	RBW	RETAINING BOTTOM OF WALL	TB	THRUST BLOCK
C & G	CURB AND GUTTER	G	GROUND	RCP	REINFORCED CONCRETE PIPE	TR	TOP OF CURB
CB	CATCH BASIN	GB	GRADE BREAK	RET	RETURN	TEMP	TEMPORARY
CI	CURB INLET	GV	GREASE WASTE	RGRCP	RUBBER GASKET REINFORCED	THRU	THROUGH
CIP	CAST IN PLACE PIPE	HGL	HYDRAULIC GRADE LINE	ROW/RW	CONCRETE PIPE	TPE	TRAFFIC INDEX
CL	CENTER LINE	HP	HIGH POINT	RPA	RIGHT-OF-WAY	TR	TREE PLANTING EASEMENT
CO	CLEAN OUT	INV	INVERT	RPBA	REDUCED PRESSURE BACKFLOW	TS	TRANSITION
CONC	CONCRETE	IRR	IRRIGATION	RPDA	ASSEMBLY	TW	TOP OF STRUCTURE
COC	COUNTY OF CALAVERAS	LF	LINEAL FEET OR LINEAR FEET	RPDA	REDUCED PRESSURE BACKFLOW	TYP	TOP OF WALL
CR	CURB RETURN	LP	LOW POINT	RPDA	PREVENTER ASSEMBLY	U.N.O.	TYPICAL
CRN	ROAD CROWN	MAX	MAXIMUM	RPDA	REDUCED PRESSURE DETECTOR	V	UNLESS NOTED OTHERWISE
DCDA	DOUBLE CHECK DETECTOR	MH	MAINTENANCE HOLE	RPV	ASSEMBLY	VM	6\"/>
DIA	DIAMETER	MIN	MINIMUM	RTW	PRESSURE REDUCING VALVE	WS	4\"/>
DIP	DUCTILE IRON PIPE	MS4	MUNICIPAL SEPARATE STORM	RWL	RETAINING TOP OF WALL	±	WATER
DO	DRIVE OVER	NTS	NOT TO SCALE	S	RAIN WATER LEADER		WATER SERVICE
DW	DRIVEWAY	OG	ORIGINAL GROUND / GRADE	SCDA	SINGLE CHECK DETECTOR		PLUS OR MINUS (NOT EXACT)
EC	END OF CURVE	(P)	PROPOSED	SD	ASSEMBLY		
EG	EXISTING GROUND	P	PAVEMENT	SHT	STORM DRAIN		
ELEV	ELEVATION	P.A.E.	PRIVATE ACCESS EASEMENT		SHEET		

APPROVALS

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

S.S.J.I.D., ITS EMPLOYEES AND AGENTS ARE NOT RESPONSIBLE FOR VERIFICATION OF THE ELEVATIONS AND DIMENSIONS INDICATED ON PLANS NOR ANY ERRORS OR OMISSIONS THAT MAY BE PRESENT. APPROVAL IS SUBJECT TO THE DATA SHOWN WHICH APPEARS TO BE IN CONFORMITY WITH S.S.J.I.D. REQUIREMENTS FOR PROTECTION OF DISTRICT FACILITIES. SO CONDITIONALLY APPROVED

ENGINEERING DEPARTMENT MANAGER _____ DATE _____

IMPROVEMENT PLANS FOR SSJID:
LATERAL W190DD3DD TO WE CONNECTION

COVER SHEET

811
Know what's below.
Call before you dig.
811 / 800-227-2600

JOB NO.: 25-039
DATE: 9/8/2025
SCALE: AS SHOWN
DR. BY: MTS
CK. BY: MTS

SHEET NO.
C1.0
OF 18 SHEET

AB	AGGREGATE BASE	FG	FINISHED GRADE
AC	ASPHALT CONCRETE	FIPT	FEMALE IRON PIPE THREAD
ACI	AMERICAN CONCRETE INSTITUTE	FL	FLOW LINE
AGG	AGGREGATE	FNC	FENCE
AISC	AMERICAN INSTITUTE OF STEEL	FT	FEET/FOOT
	CONSTRUCTION	GA	GAUGE
ALIGN	ALIGNMENT	GALV	GALVANIZED
AP	ANGLE POINT	GB	GRADE BREAK
APPROX	APPROXIMATE	GPM	GALLONS PER MINUTE
ASTM	AMERICAN SOCIETY FOR TESTING	GUY	GUY WIRE
	AND MATERIALS	HD	HEAD
AV	AIR VENT	HDP	HIGH DENSITY POLYETHYLENE
BC	BEGIN CURVE	HGL	HYDRAULIC GRADE LINE
BLDG	BUILDING	HORIZ	HORIZONTAL
BM	BENCHMARK	HP	HINGE POINT
BTM	BOTTOM	HWL	HIGH WATER LEVEL
CA	CHANNEL	IBC	INTERNATIONAL BUILDING CODE
CALIFORNIA		ID	INSIDE DIAMETER
CAL-OSHA	CALIFORNIA DIVISION OF	IN	INCH
	OCCUPATIONAL SAFETY AND HEALTH	INV	INVERT
CFS	CUBIC FEET PER SECOND	IP	IRON PIPE
CIP	CAST-IN-PLACE	IRR	IRRIGATION
CIP	CAST IRON PIPE	L	ANGLE
CL	CLASS	LB/LBS	POUND/POUNDS
CL	CENTERLINE	LC	LENGTH OF CURVE
CLF	CHAIN LINK FENCE	LCW	LONG CRESTED WEIR
CLR	CLEAR, CLEARANCE	LF	LINEAR FEET
CMLC	CEMENT MORTAR LINED & COATED	LT	LEFT
CMP	CORRUGATED METAL PIPE	MAX	MAXIMUM
CONC	CONCRETE	MH	MANHOLE
CONT	CONTINUOUS	MIL	THOUSANDTHS OF AN INCH
CONST	CONSTRUCT/ CONSTRUCTION	MIN	MINIMUM
CP	CONTROL POINT	MIPT	MALE IRON PIPE THREAD
CY	CUBIC YARDS	MISC	MISCELLANEOUS
D _b	BAR DIAMETER	NAVD	NORTH AMERICAN VERTICAL DATUM
DEG	DEGREE	NGVD	NATIONAL GEODETIC DATUM
DEMO	DEMOLISH/DEMOLITION		
DIA, D, Ø	DIAMETER	NIC	NOT IN CONTRACT
DIM	DIMENSION	NO, #	NUMBER
DIP	DUCTILE IRON PIPE	NRCS	NATURAL RESOURCES
D/S	DOWNSTREAM		CONSERVATION SERVICE
DWG	DRAWING	NTS	NOT TO SCALE
(E)	EXISTING	OC	ON CENTER
EA	EACH	OD	OUTSIDE DIAMETER
EC	END CURVE	OH	OVERHEAD
EF	EACH FACE	OP	OPERATING
EG	EXISTING GRADE	OSHA	OCCUPATIONAL SAFETY AND HEALTH
EL, ELEV	ELEVATION	O&M	OPERATIONS AND MAINTENANCE
ELEC	ELECTRIC	(P)	PROPOSED
ELL, ELB	ELBOW	PC	POINT OF CURVATURE
EP	EDGE OF PAVEMENT	PCC	POINT OF COMPOUND CURVATURE
ESMT	EASEMENT	PE	PERMANENT EASEMENT
EW	EACH WAY	PI	POINT OF INTERSECTION
F&I	FURNISH & INSTALL	PIP	PLASTIC IRRIGATION PIPE
FB	FLAT BAR	PLC	PROGRAMMABLE LOGIC CONTROLLER
FF	FINISHED FLOOR		

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	ABBREVIATIONS	
APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL	
FORREST KILLINGSWORTH, PE _____ DATE: _____	DATE: 7/10/2025	1.01 1 OF 2	

PL	PROPERTY LINE/PLATE	TS	TOP OF STRUCTURE
POC	POINT ON CURVE	TYP	TYPICAL
POL	POINT ON LINE	TWL	TOP OF WALL
POT	POINT ON TANGENT	UG	UNDERGROUND
PP	POWER POLE	UP	UTILITY POLE
PRC	POINT OF REVERSE CURVATURE	UIS	UPSTREAM
PSF	POUNDS PER SQUARE FOOT	VERT	VERTICAL
PSI	POUNDS PER SQUARE INCH	WL	WATER LEVEL
PT	POINT OF TANGENCY	W/	WITH
PUE	PUBLIC UTILITY EASEMENT	W/O	WITHOUT
PVC	POLYVINYL CHLORIDE	YD	YARD
PVMT	PAVEMENT	@	AT
RAD, R	RADIUS	<	LESS THAN
RC	RADIUS OF CURVE	>	GREATER THAN
RCP	REINFORCED CONCRETE PIPE		
RE	REFERENCE		
REQD	REQUIRED		
REV	REVISION		
RGRCP	RUBBER GASKETED REINFORCED CONCRETE PIPE		
RGS	RIGID GALVANIZED STEEL		
ROW	RIGHT OF WAY		
RP	RADIUS POINT		
RR	RAILROAD		
RT	RIGHT		
RTU	REMOTE TERMINAL UNIT		
S	SLOPE		
SCH	SCHEDULE		
SCP	STANDARD CONCRETE PIPE		
SEC	SECTION		
SF	SQUARE FEET/FOOT		
SP	SERVICE POLE		
SQ	SQUARE		
SS	STAINLESS STEEL		
SSJID	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		
ST	STATION		
STA	STRUCTURAL TUBING		
STD	STANDARD		
SWL	SWALE		
STWL	STILLING WELL		
SYM	SYMMETRICAL		
T&B	TOP AND BOTTOM		
TB	TOP OF BANK		
TBM	TEMPORARY BENCHMARK		
TC	TOP OF CURB		
TCE	TEMPORARY CONSTRUCTION EASEMENT		
TELE	TELEPHONE		
TL	TOP OF LINING		
TOB	TOP OF BANK		
TOE	TOE OF SLOPE		
TOP	TOP OF SLOPE		
TP	TELEPHONE POLE		
TR	TELEPHONE RISER		
TRANS	TRANSFORMER		

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	ABBREVIATIONS	
APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL	
FORREST KILLINGSWORTH, PE _____ DATE: _____	DATE: 7/10/2025	1.01 2 OF 2	

- THE SIGNATURE OF THE SOUTH SAN JOAQUIN IRRIGATION DISTRICT (SSJID) ON DRAWINGS CONSTITUTES SSJID'S APPROVAL OF THE SAME AS TO THE ENGINEERING ASPECTS THEREOF ONLY AND DOES NOT AUTHORIZE, EXPRESSLY OR IMPLICITLY THE CONSTRUCTION OF ANY ASPECT HEREOF OR THE INTERFERENCE WITH ANY PROPERTY, EQUIPMENT, OR INTEREST OF THE SSJID. NO SUCH CONSTRUCTION OR INTERFERENCE SHALL OCCUR UNTIL THE SSJID HAS OBTAINED, BY SEPARATE AGREEMENT SUCH AGREEMENTS AS SSJID DEEMS NECESSARY FOR THE PROTECTION OF ITS FACILITIES.
- ALL CONSTRUCTION WITHIN THE SSJID RIGHT OF WAY SHALL BE DONE IN ACCORDANCE WITH THE APPROVED DRAWINGS AND THE CURRENT EDITION OF SSJID STANDARDS AND/OR STANDARD SPECIFICATIONS OF OTHER GOVERNING AGENCIES, AS APPLICABLE.
- NO WORK SHALL COMMENCE WITHIN THE DISTRICT'S RIGHT OF WAY UNTIL A TEMPORARY CONSTRUCTION PERMIT, ENCROACHMENT PERMIT, AND/ OR A STRUCTURE PERMIT ISSUED.
- CONSTRUCTION WITHIN THE SSJID RIGHT OF WAY WILL NOT BE ALLOWED DURING THE IRRIGATION SEASON (TYPICALLY FEBRUARY 15th TO OCTOBER 15th).
- CONTRACTOR SHALL PROVIDE AN ALTERNATE STORM WATER BYPASS DURING CONSTRUCTION UNLESS DIRECTED OTHERWISE BY SSJID ENGINEER.
- WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- SSJID STANDARD DETAILS MAY REQUIRE MODIFICATIONS BASED ON SITE SPECIFIC FIELD CONDITIONS. SUCH MODIFICATIONS SHALL BE REVIEWED AND APPROVED IN WRITING BY SSJID ENGINEER PRIOR TO CONSTRUCTION.
- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- CAL-OSHA SAFETY REQUIREMENTS SHALL BE IN EFFECT DURING ALL CONSTRUCTION. SPECIAL SAFETY PRECAUTIONS SHALL BE TAKEN WHEN WORKING IN THE VICINITY OF GAS, OIL, OR ELECTRICAL LINES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH CALIFORNIA GOVERNMENT CODE 4216, AS APPLICABLE. TO OBTAIN A DIG ALERT IDENTIFICATION NUMBER, CALL 811 AT LEAST 2 WORKING DAYS BEFORE DIGGING UNDERGROUND.
- SSJID WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE OBTAINED IN WRITING FROM SSJID ENGINEER, AND MUST BE APPROVED BY THE PREPARER OF THE PLANS.
- CONTRACTOR SHALL BE REQUIRED TO HAVE A PRE-CONSTRUCTION CONFERENCE WITH SSJID ENGINEER, PRIOR TO STARTING ANY WORK WITHIN THE SSJID RIGHT OF WAY.
- BACKFILL AND SUBGRADES SHALL BE COMPACTED TO MINIMUM 90% RELATIVE DENSITY PER ASTM D-1557 WITHIN THE SSJID RIGHT OF WAY, UNLESS DIRECTED OTHERWISE BY SSJID ENGINEER.
- A SET OF APPROVED PLANS SHALL BE ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	GENERAL NOTES	
APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL	
FORREST KILLINGSWORTH, PE _____ DATE: _____	DATE: 7/10/2025	1.02 1 OF 3	

- THE CONTRACTOR SHALL EXERCISE DUE CAUTION IN PROTECTING EXISTING FACILITIES. THE CONTRACTOR SHALL GIVE PARTICULAR CARE TO PROTECTING EXISTING PIPELINES DURING CONSTRUCTION. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCH MARKS, REFERENCE POINTS AND STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE. ANY DAMAGES TO SSJID FACILITIES DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED IN A MANNER APPROVED BY SSJID ENGINEER AT THE SOLE COST OF THE CONTRACTOR.
- ANY WORK WITHIN THE SSJID RIGHT OF WAY SHALL NOT BE DEEMED COMPLETE UNTIL THE SSJID ENGINEERING DEPARTMENT HAS BEEN PROVIDED WITH A SET OF RECORD DRAWINGS IN AUTOCAD 2018 AND HARD COPY FORMATS.
- CONTACT THE SSJID ENGINEERING DEPARTMENT AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY CONSTRUCTION AND/OR NECESSARY INSPECTIONS. WORK WITHIN THE SSJID RIGHT OF WAY SHALL PROCEED IN A CONTINUOUS MANNER ONCE STARTED. SSJID ENGINEER SHALL BE NOTIFIED OF ANY WORK STOPPAGES. WHENEVER WORK IS TO RESTART, SSJID ENGINEER SHALL REQUIRE AN ADDITIONAL TWO (2) WORKING DAYS NOTICE. SSJID ENGINEER SHALL ALSO BE CONTACTED A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO ALL CONSTRUCTION SCHEDULED ON A HOLIDAY OR WEEKEND. PHONE: 209-249-4619.
- UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE PLANS ARE IN REFERENCE TO THE CENTERLINE OF THE PROPOSED STRUCTURE.
- SSJID ENGINEER SHALL AT ALL TIMES HAVE ACCESS TO THE WORK WHEREVER IT IS IN PREPARATION AND PROGRESS.
- IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY SSJID ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS. SSJID ENGINEER'S INTERPRETATION OR CORRECTION THEREOF SHALL BE CONCLUSIVE. SSJID ENGINEER WILL HAVE AUTHORITY TO REJECT WORK WHICH DOES NOT CONFORM TO THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT LEAVE "IN USE" SSJID PIPELINE PROJECTS INCOMPLETE FOR MORE THAN TWO (2) WEEKS. WHEN CONDITIONS REQUIRE, AND DETERMINED SOLELY BY SSJID ENGINEER, CONTRACTOR SHALL PROVIDE A TEMPORARY DIVERSION DITCH TO PROVIDE FOR IRRIGATION WATER DELIVERY OR STORM WATER REMOVAL.
- ASTM C-361, OR C-443, CLASS III RGRCP, CLASS IV REQUIRED IN LOCATIONS WITH HIGH TRAFFIC LOADING. RUBBER GASKETED REINFORCED CONCRETE PIPE (RGRCP) WITH APPROPRIATE WALL THICKNESS FOR THE PRESSURE AND TRAFFIC LOADS IS REQUIRED FOR SSJID CONCRETE PIPELINES. CONTRACTOR SHALL SUBMIT FACTORY TEST DATA TO SSJID ENGINEER, VERIFYING THAT PIPE JOINTS CONFORM TO NO LEAKAGE AT HYDROSTATIC PRESSURES UP TO TWENTY-FIVE (25) FEET. FIELD TESTS, IF REQUIRED, SHALL BE PERFORMED IN THE PRESENCE OF SSJID ENGINEER.
- POLYVINYL CHLORIDE (PVC) PIPE SHALL BE 100 PSI PIP WITHIN LIMITS OF SSJID RIGHT OF WAY, OR AS DIRECTED BY SSJID ENGINEER.
- 30 INCHES MINIMUM COVER SHALL BE PROVIDED OVER ALL PIPELINES OR AS DIRECTED BY SSJID ENGINEER.
- LOCK-OUT PROCEDURES
- PROOF OF CONFINED SPACE TRAINING: PROTOCOL/ REQUIREMENTS OF CONTRACTORS.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	GENERAL NOTES	
APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL	
FORREST KILLINGSWORTH, PE _____ DATE: _____	DATE: 7/10/2025	1.02 2 OF 3	

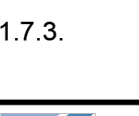
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE APPROVED DRAWINGS. THE CURRENT EDITION OF SSJID STAND DETAILS AND CALTRANS STANDARD SPECIFICATIONS, AS APPLICABLE.
- ALL WORK TO SSJID FACILITIES AND/ OR WITHIN THE SSJID RIGHT-OF-WAY REQUIRES AN APPROVED LICENSE AGREEMENT PRIOR TO THE START OF ANY CONSTRUCTION.
- IT IS THE RESPONSIBILITY OF THE LANDOWNER/ DEVELOPER/ CONTRACTOR TO COMPLY WITH CALIFORNIA GOVERNMENT CODE 4216, REFERENCE 811, AS APPLICABLE. TO OBTAIN A DIG ALERT IDENTIFICATION NUMBER, CALL 800-227-2600 AT LEAST TWO WORKING DAYS BEFORE DIGGING UNDERGROUND.
- ANY WORK WITHIN THE SSJID RIGHT-OF-WAY SHALL NOT BE DEEMED COMPLETE UNTIL THE SSJID ENGINEERING DEPARTMENT HAS BEEN PROVIDED WITH A SET OF AS-BUILT PLANS IN AUTOCAD 2018 AND HARD COPY FORMATS.

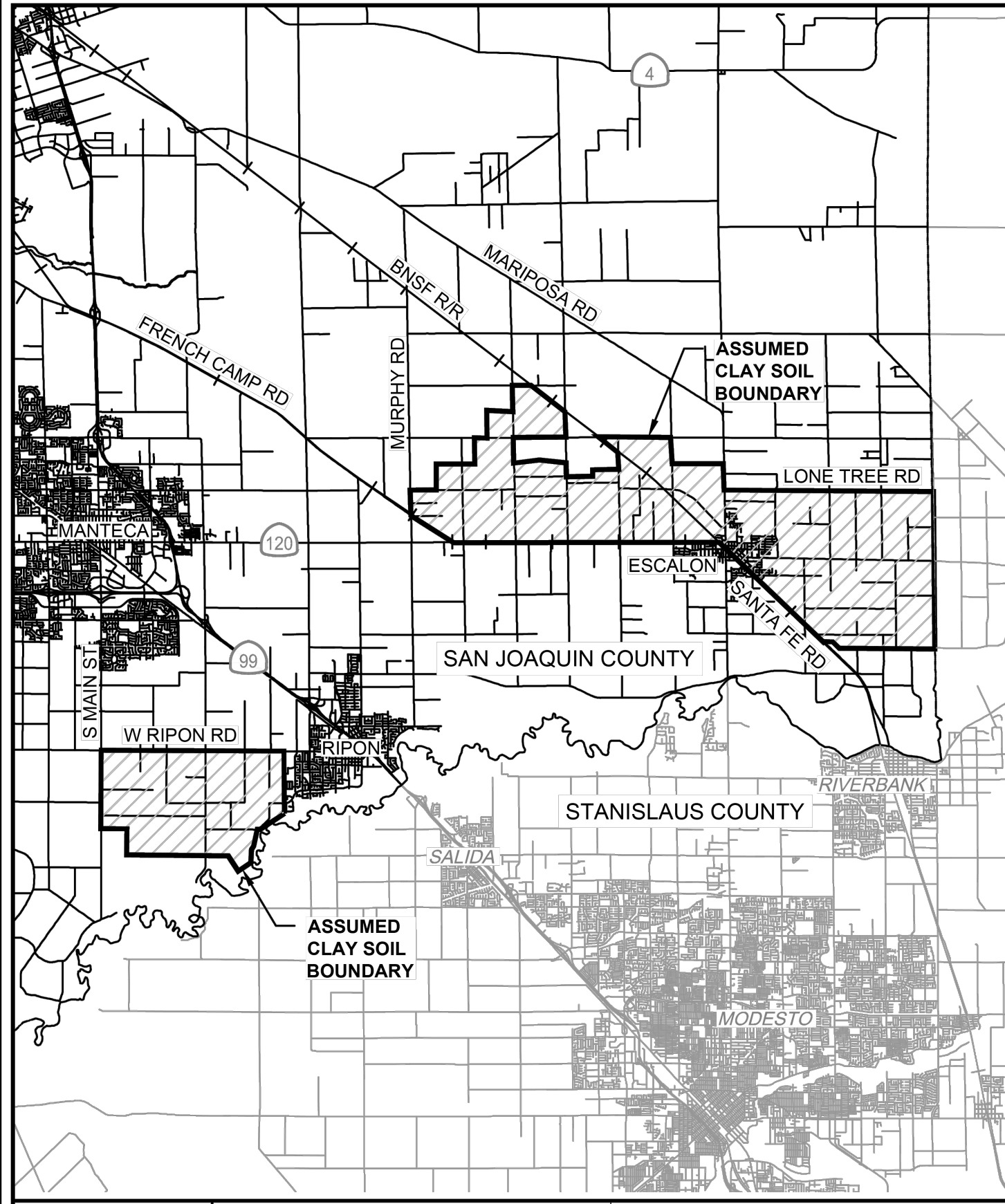
	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	GENERAL NOTES	
APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL	
FORREST KILLINGSWORTH, PE _____ DATE: _____	DATE: 7/10/2025	1.02 3 OF 3	

- RUBBER GASKETED REINFORCED CONCRETE PIPE (RGRCP)
 - RGRCP SHALL CONFORM TO THE SPECIFICATION FOR REINFORCED CONCRETE LOW PRESSURE PIPE, ASTM DESIGNATION C-76. CIRCULAR REINFORCEMENT SHALL BE USED, USE OF ELLIPTICAL REINFORCEMENT IN THE PIPE IS NOT ALLOWED. CEMENT USED IN THE MANUFACTURE OF RGRCP SHALL BE TYPE II. THE JOINTS SHALL SHOW NO SIGNS OF LEAKAGE AT HYDROSTATIC PRESSURES UP TO TWENTY-FIVE (25) FEET. PIPE CLASS SHALL BE AS FOLLOWS:
 - DEPTH OVER THE TOP OF PIPE FROM TWO AND ONE-HALF (2.5) FEET UP TO FIVE (5) FEET - CL III
 - PIPE SHALL BE TESTED IN THE FACTORY AS SPECIFIED IN ASTM C-76. THE DISTRICT RESERVES THE RIGHT TO OBSERVE FACTORY TESTS.
 - JOINTS: RUBBER GASKETED JOINTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION C443 OR C361, CAPABLE OF WITHSTANDING A CONSTANT PRESSURE OF UP TO THE HEAD CLASS RATING OF THE PIPE. RUBBER GASKETS SHALL BE LUBRICATED WITH THE LUBRICANT RECOMMENDED AND SUPPLIED BY THE MANUFACTURER OF THE PIPE. SHALLOW DEPTHS, LOADS, OR OTHER CONDITIONS THAT WOULD REQUIRE RGRCP STRONGER THAN CL V SHALL REQUIRE A PIPE DESIGN SUBMITTAL BY THE MANUFACTURER AND APPROVAL BY THE ENGINEER
- EXECUTION
 - HANDLING AND DISTRIBUTION OF MATERIALS:
 - DELIVERY: HANDLE PIPE CAREFULLY TO ENSURE DELIVERY AT THE PROJECT SITE IN SOUND, UNDAMAGED CONDITION. CONTRACTOR SHALL REPLACE DAMAGED PIPE AT NO ADDITIONAL EXPENSE TO THE OWNER.
 - SUPPORT PIPING TO PREVENT WARPING. USE PROTECTIVE COVERS WHERE PIPE MAY BE DAMAGED BY DIRECT SUNLIGHT.
 - BEFORE LAYING, PIPE SHALL BE INSPECTED FOR CRACKED, BROKEN, OR DEFECTIVE PIECES. SUCH PIECES SHALL BE REJECTED. PIPE SHALL BE CAREFULLY LOWERED INTO THE TRENCH TO PREVENT DAMAGE. ALL DIRT OR OTHER FOREIGN MATTER SHALL BE REMOVED FROM INSIDE THE PIPE BEFORE LOWERING INTO THE TRENCH.
 - DEFLECTION PIPE JOINTS MAY BE DEFLECTED BUT SHALL NOT BE DEFLECTED MORE THAN 75% OF THE MAXIMUM ALLOWABLE AS RECOMMENDED BY THE PIPE MANUFACTURER.
 - WHERE HORIZONTAL OR VERTICAL CURVES ARE SHOWN IN THE ALIGNMENT THAT CANNOT BE INSTALLED BY JOINT DEFLECTION OF STANDARD PIPE LENGTHS, THE CONTRACTOR MAY SELECT FROM THE FOLLOWING OPTIONS WITH PRIOR APPROVAL BY THE ENGINEER (NOTE: WITH ALL OF THE OPTIONS BELOW, THRUST BLOCKING OR THRUST RESTRAIN MAY BE REQUIRED):
 - USE SHORTER PIPE LENGTHS AND ALLOWABLE JOINT DEFLECTION AS SPECIFIED.
 - USE SPECIAL MITERED JOINTS.
 - USE STANDARD SPECIAL FABRICATED BENDS.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	PIPELINE GENERAL NOTES	
APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL	
FORREST KILLINGSWORTH, PE _____ DATE: _____	DATE: 7/10/2025	2.01 1 OF 2	

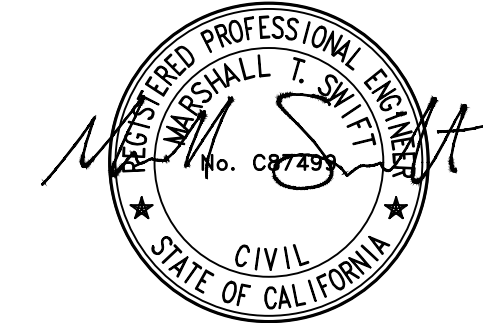
- PLACING OF PIPE: ALL SURFACES AGAINST WHICH PIPE IS TO BE PLACED SHALL BE FREE FROM STANDING WATER, LOOSE EARTH, MUD AND DEBRIS. WHERE THE BOTTOM OF THE TRENCH IS SOFT, WET, OR OTHERWISE UNSTABLE, IT SHALL BE EXCAVATED A MINIMUM OF ONE FOOT BELOW GRADE FOR THE FULL WIDTH OF THE TRENCH. WHEN THE BOTTOM OF THE TRENCH IS EXCAVATED BELOW GRADE, THE EXCAVATION BELOW GRADE SHALL BE REFILLED WITH SELECT MATERIAL APPROVED BY THE ENGINEER AND COMPACTED TO THE IN-PLACE DENSITY SHOWN ON THE PLANS. IMMEDIATELY BEFORE PLACING EACH SECTION OF THE PIPE, THE BOTTOM OF THE TRENCH OR PIPE BEDDING, OR BOTH, SHALL BE PREPARED TO PROVIDE UNIFORM BEARING ALONG THE FULL LENGTH OF THE PIPE EXCEPT AT BELL HOLES.
 - WHERE NECESSARY, A BELL HOLE SHALL BE EXCAVATED UNDER AND IMMEDIATELY IN FRONT OF THE LAST SECTION OF PIPE THAT HAS BEEN LAID. THE BELL HOLE SHALL PROVIDE A MINIMUM CLEARANCE BETWEEN THE PIPE BARREL OR COUPLING AND BOTTOM OF THE BELL HOLE OF THREE INCHES (3") BUT IN NO CASE SHALL THE BELL HOLES BE SMALLER THAN REQUIRED TO FACILITATE JOINING OR LAYING THE PIPE.
 - PIPE SHALL BE KEPT CLEAN AND FREE OF FOREIGN MATERIAL DURING LAYING OPERATIONS. THE PIPE JOINTS SHALL BE ASSEMBLED ACCORDING TO THE PIPE MANUFACTURER'S RECOMMENDATIONS, THESE DRAWINGS, AND AS DIRECTED BY THE ENGINEER, BUT REGARDLESS OF THE METHOD USED THE JOINTS SHALL BE WATER TIGHT.
 - THE CONTRACTOR SHALL COMPLY WITH CURRENT OSHA GUIDELINES FOR EXCAVATIONS AND CONSTRUCTION SAFETY ORDERS.
 - EXCAVATED MATERIAL THAT IS UNSUITABLE, AS DETERMINED BY THE ENGINEER, SHALL BE SEGREGATED AND NOT USED FOR BACKFILLING.
 - THE CONTRACTOR SHALL PROVIDE TEMPORARY BRIDGING OVER PIPE TRENCHES WHERE IT IS NECESSARY TO PROVIDE CROSSINGS FOR WORKMAN AND EQUIPMENT OR ACCESS ROADS. WHERE THE SIDE WALLS OF THE TRENCH ARE UNSTABLE OR WHERE THE DEPTH OF THE TRENCH WILL PRESENT A SAFETY HAZARD TO WORKMEN, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING THAT HAS BEEN SUITABLE BRACED. THE SHEETING SHALL BE WITHDRAWN AS THE BACKFILL IS PLACED ABOUT THE PIPE. ANY VOIDS THAT RESULT FROM THE WITHDRAWN SHEETING SHALL BE BACKFILLED AND COMPACTED TO THE SAME DENSITY AS THE REMAINDER OF THE TRENCH.
- BACKFILL: BACKFILL AND COMPACTION SHALL BE IN CONFORMANCE WITH THE EARTHWORK NOTES
 - RELATIVE COMPACTION SHALL CONFORM TO THE TRENCH SECTIONS FOR THE VARIOUS PIPE TYPES AS SHOWN ON THE PLANS.
- JOINTS
 - PIPE SHALL BE ASSEMBLED AND JOINED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTRUCTIONS FOR THE TYPE OF PIPE AND JOINT USED. WHERE MECHANICAL JOINTS ARE USED, THE PIPE SHALL BE MARKED IN SUCH A MANNER THAT IT CAN BE DETERMINED AFTER INSTALLATION THAT THE PIPE IS PROPERLY SEATED.
 - WHERE FLEXIBLE COUPLINGS ARE USED AS EXPANSION JOINTS, THE ENDS OF THE PIPES SHALL BE SEPARATED TO ALLOW FOR EXPANSION. COUPLINGS SHALL BE CENTERED ON PIPE ENDS. RUNS OF PIPE CONTAINING FLEXIBLE COUPLINGS SHALL BE PROPERLY BLOCKED, ANCHORED OR TIED TO THE STRUCTURE TO PREVENT JOINTS FROM PULLING APART.
 - MECHANICAL RESTRAINED JOINTS SHALL BE INSTALLED IN ACCORDANCE WITH JOINT MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	PIPELINE GENERAL NOTES	
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	SOUTH SAN JOAQUIN IRRIGATION DISTRICT	DISTRICT CLAY SOIL BOUNDARY MAP	
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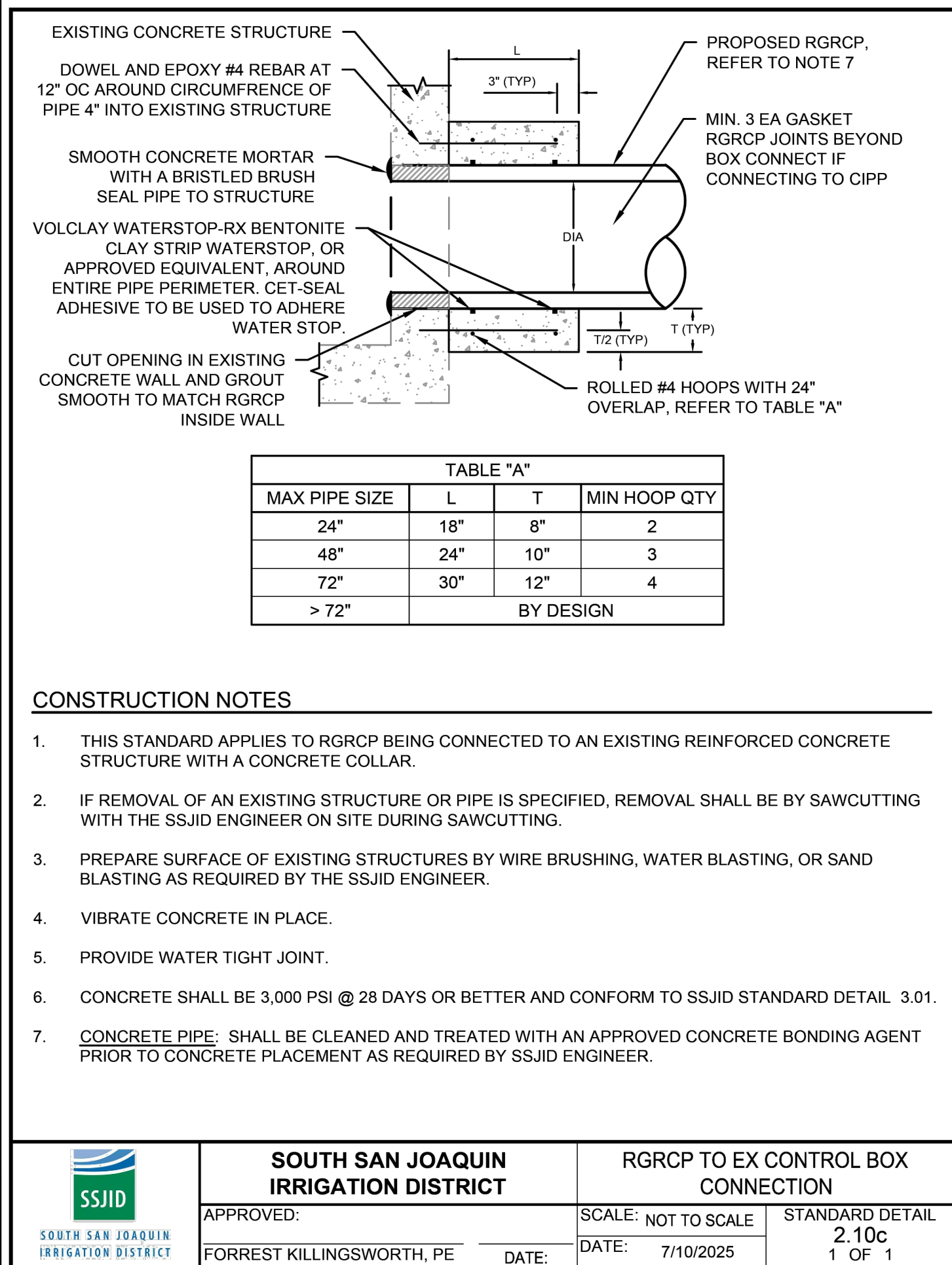
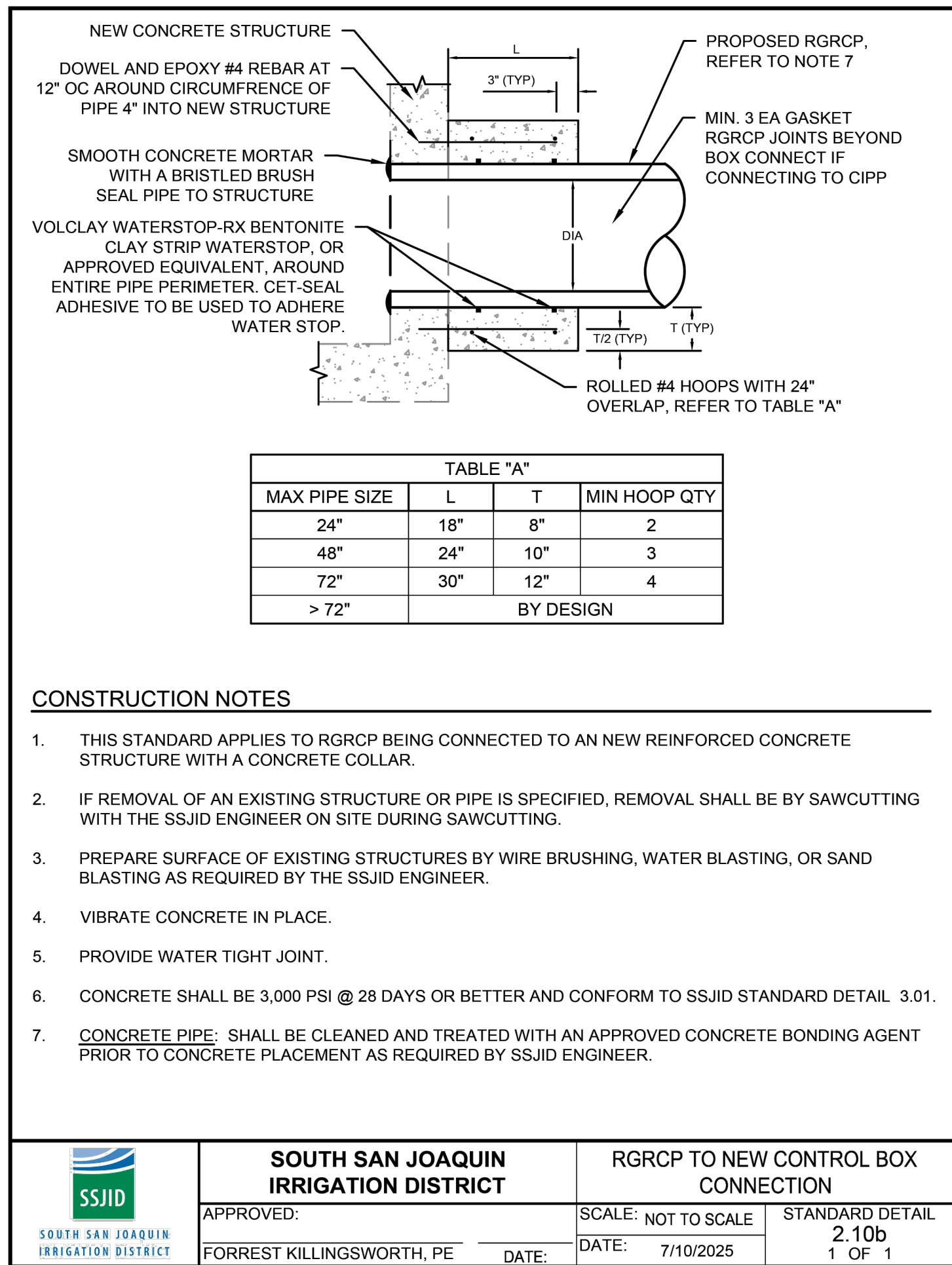
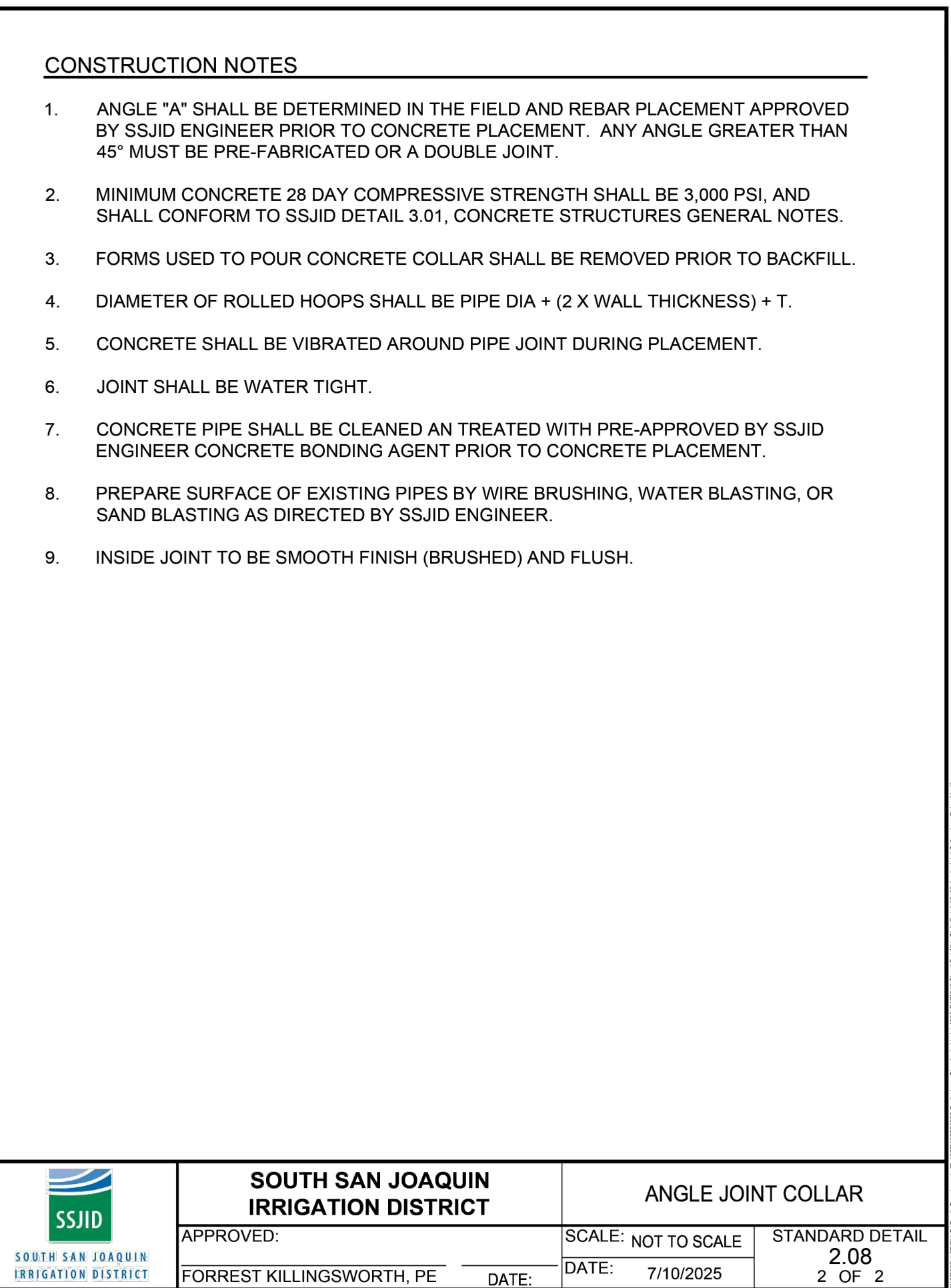
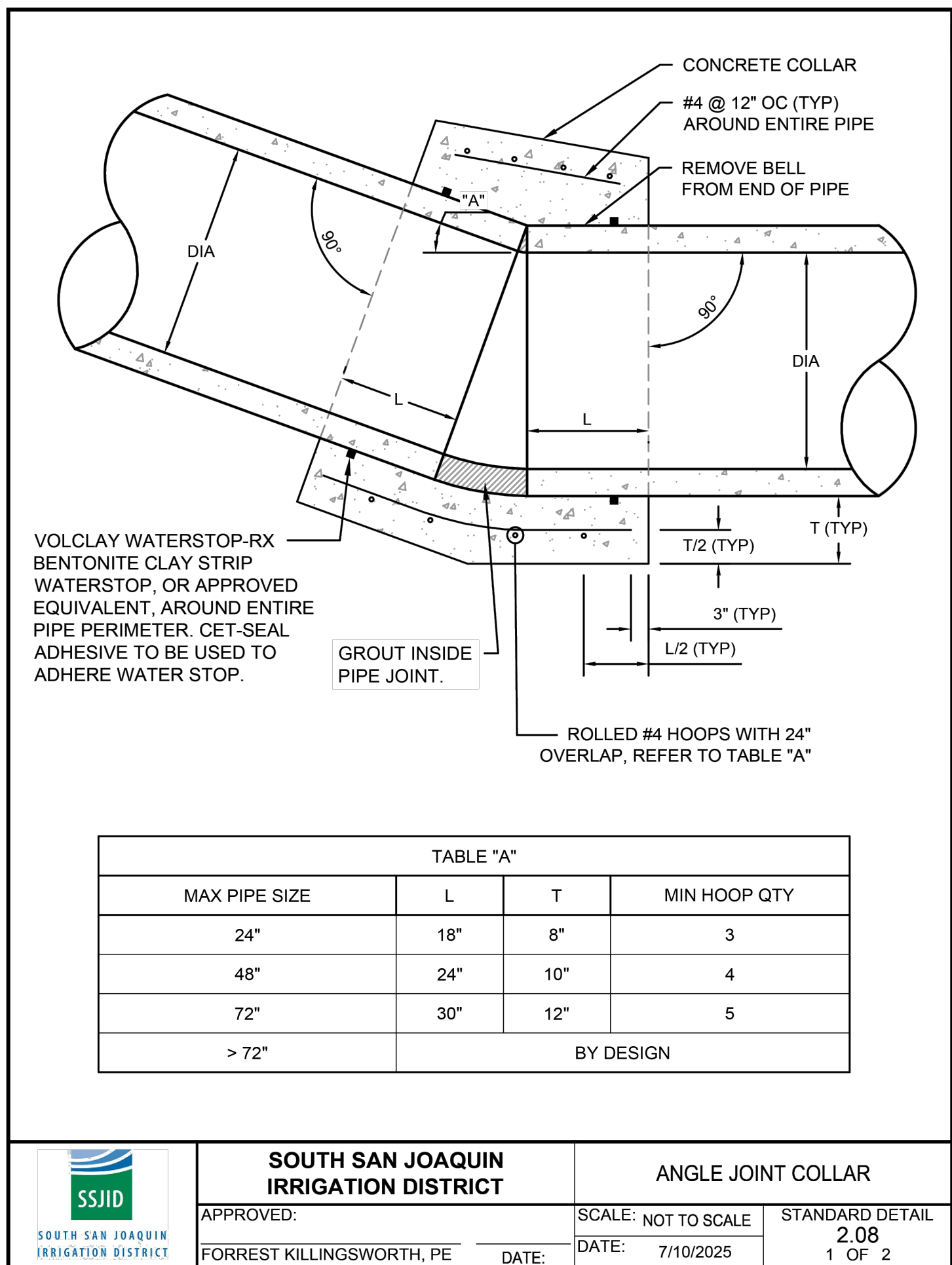
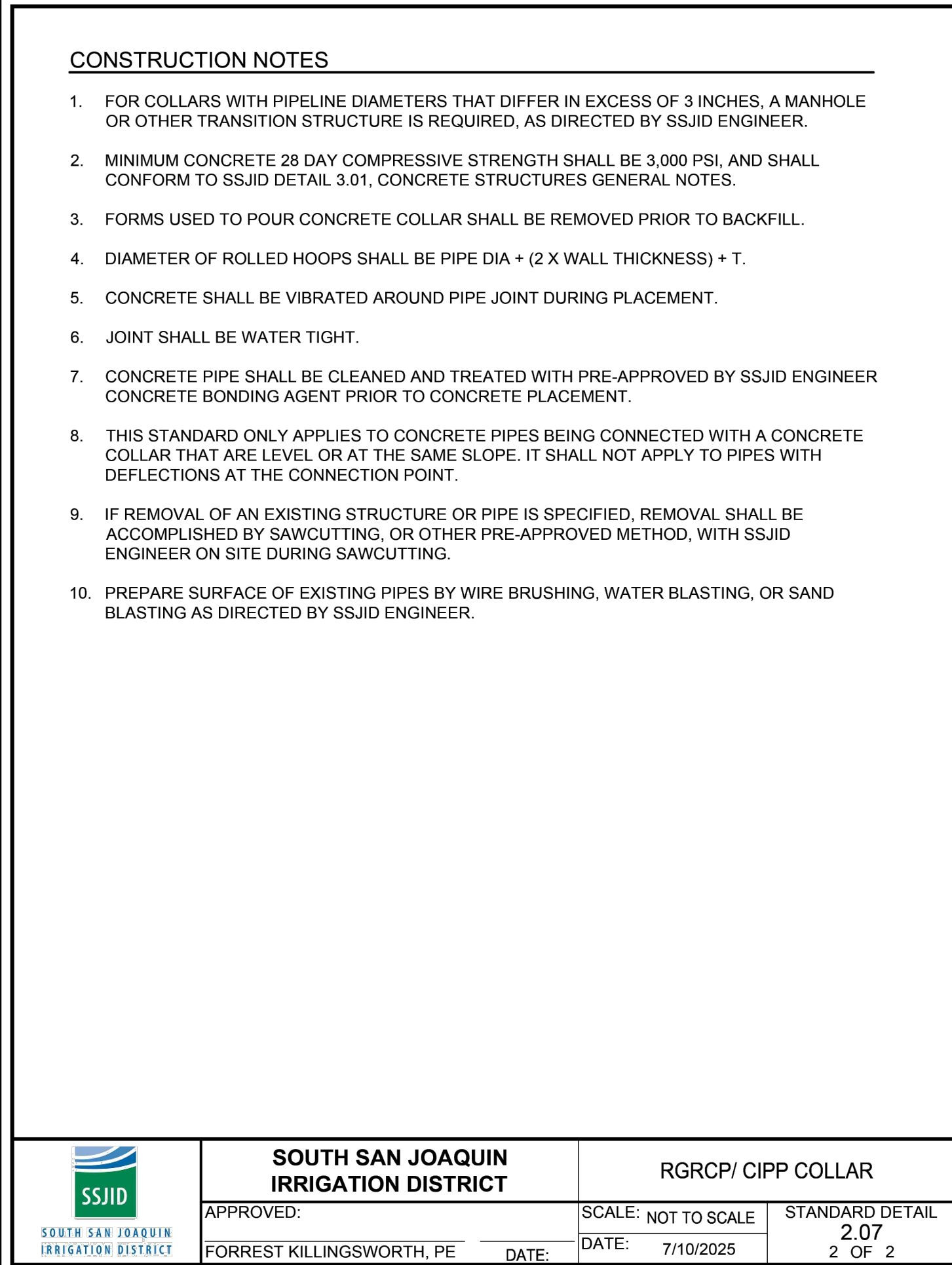
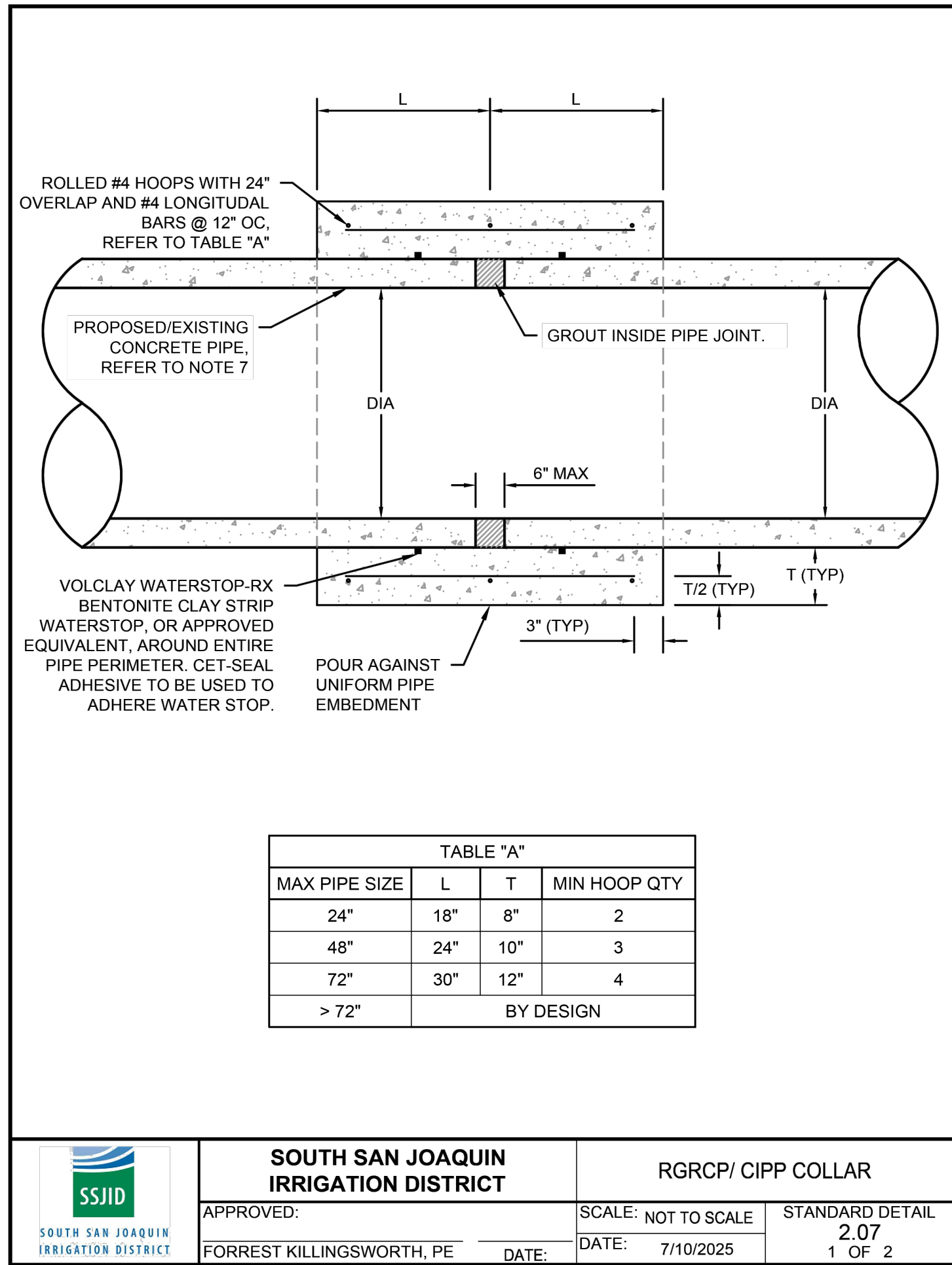
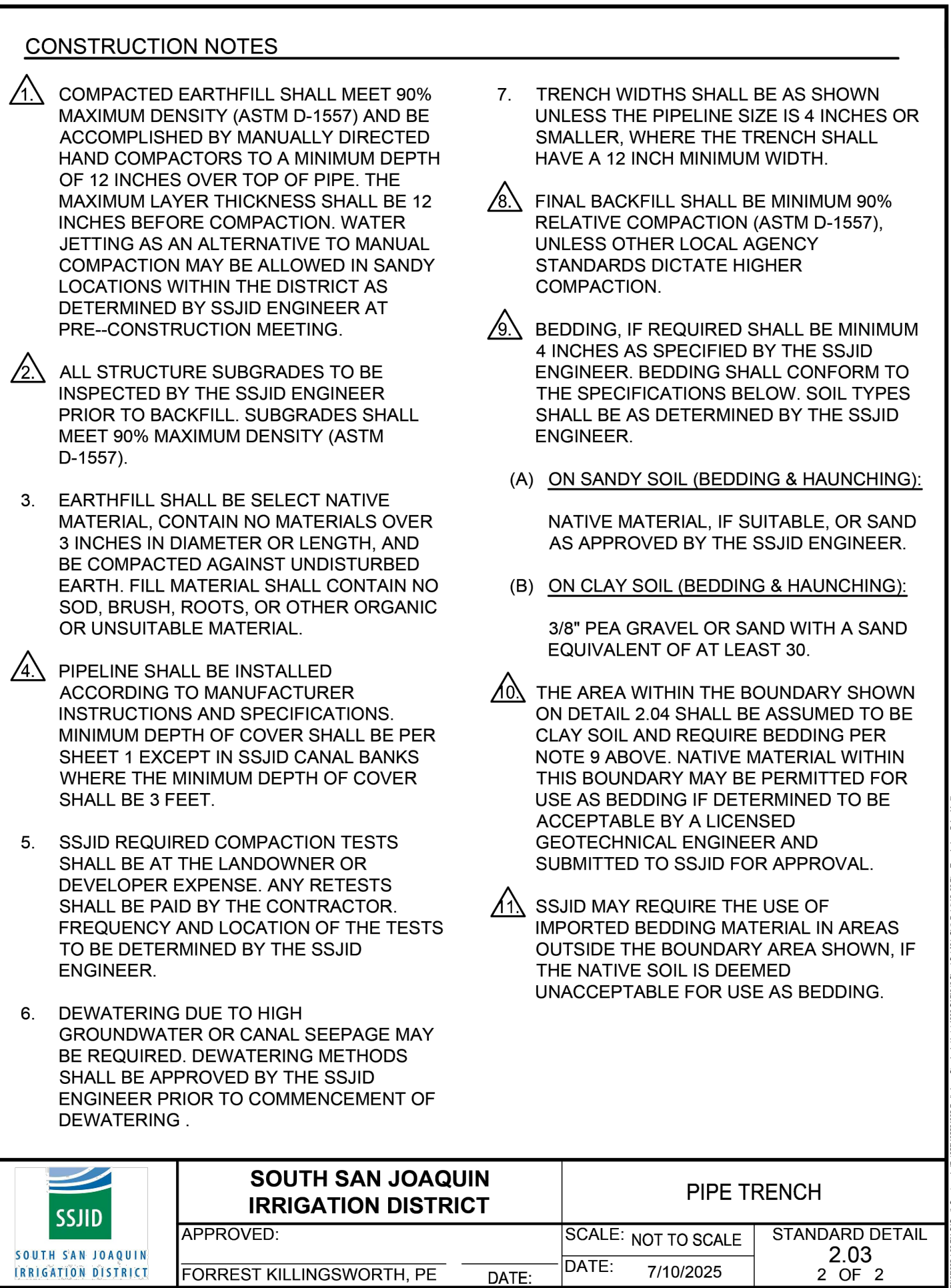
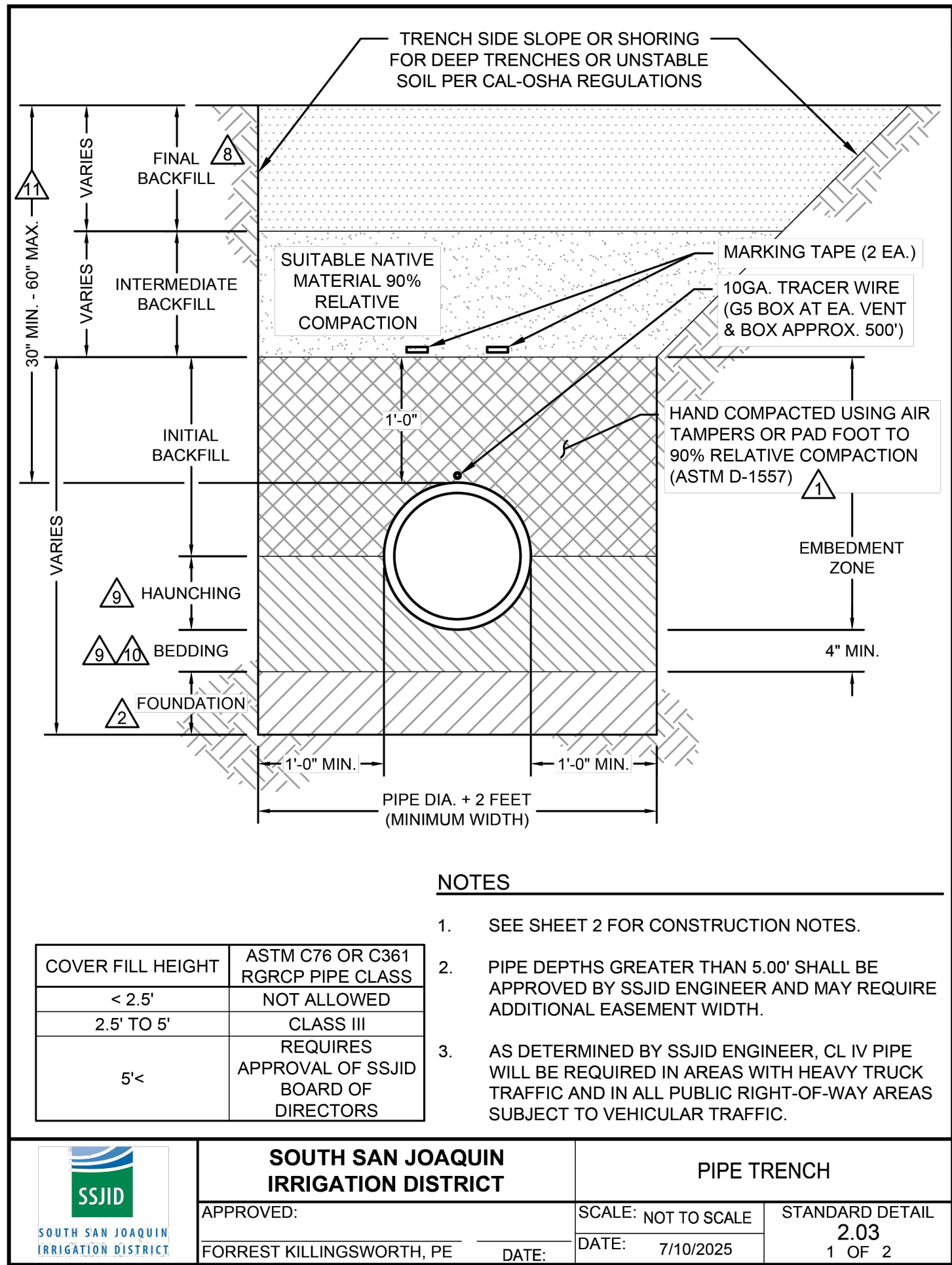
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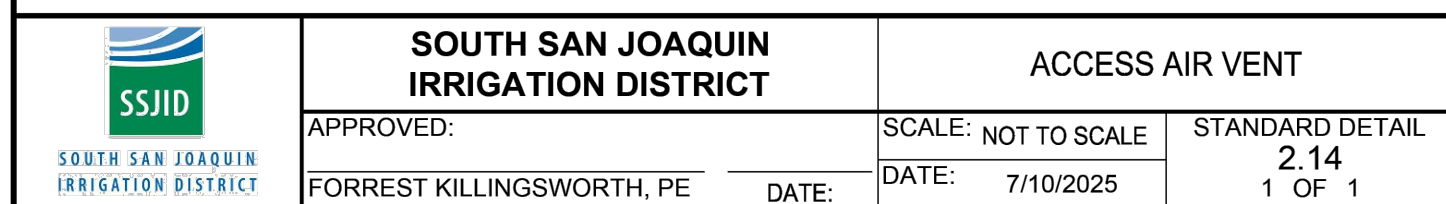
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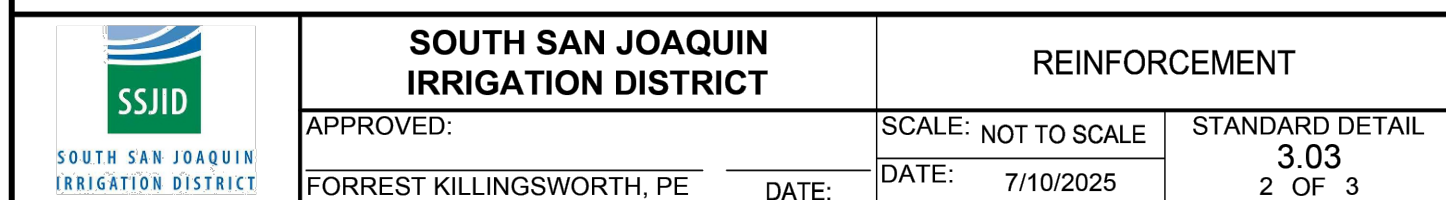
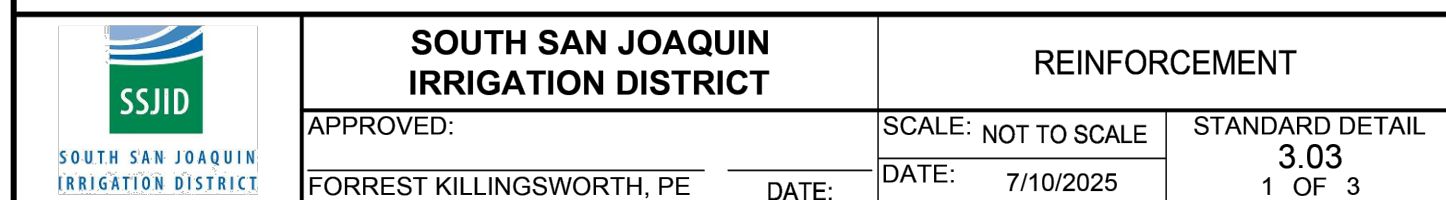
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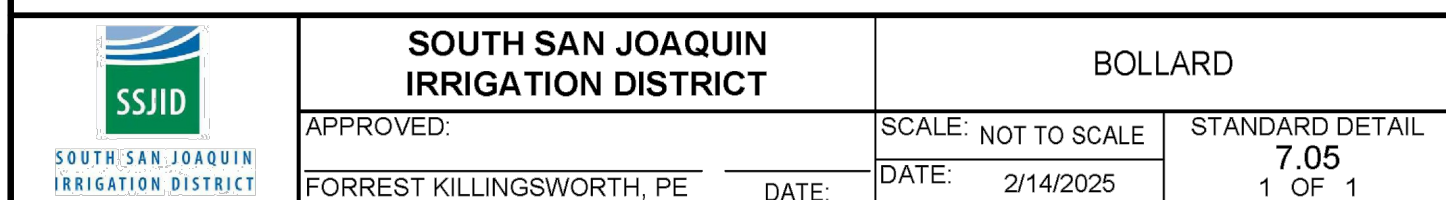
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	FORREST KILLINGSWORTH, PE	DATE:	DATE: 7/10/2025	1 OF 2

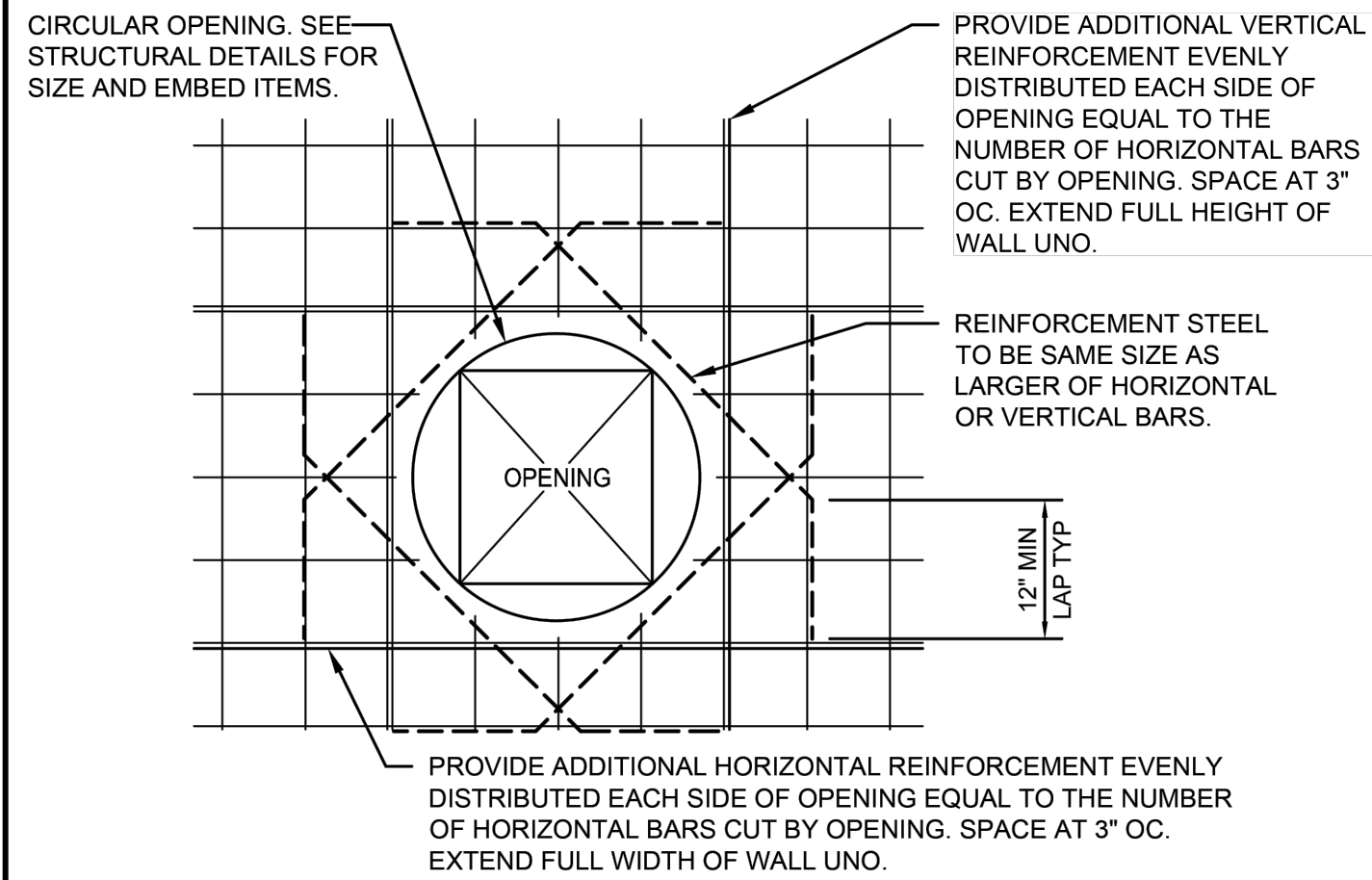
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	APPROVED: FORREST KILLINGSWORTH, PE	DATE:	SCALE: NOT TO SCALE DATE: 7/10/2025	STANDARD DETAIL 3.01 2 OF 2

 SOUTH SAN JOAQUIN IRRIGATION DISTRICT	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		DESIGN AND REINFORCEMENT HEIGHT TABLES	
	APPROVED: FORREST KILLINGSWORTH, PE	DATE:	SCALE: NOT TO SCALE DATE: 7/10/2025	STANDARD DETAIL 3.02 1 OF 1



 SOUTH SAN JOAQUIN IRRIGATION DISTRICT	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		REINFORCEMENT	
	APPROVED:		SCALE: NOT TO SCALE	STANDARD DETAIL
	FORREST KILLINGSWORTH, PE	DATE:	DATE: 7/10/2025	3.03 3 OF 3





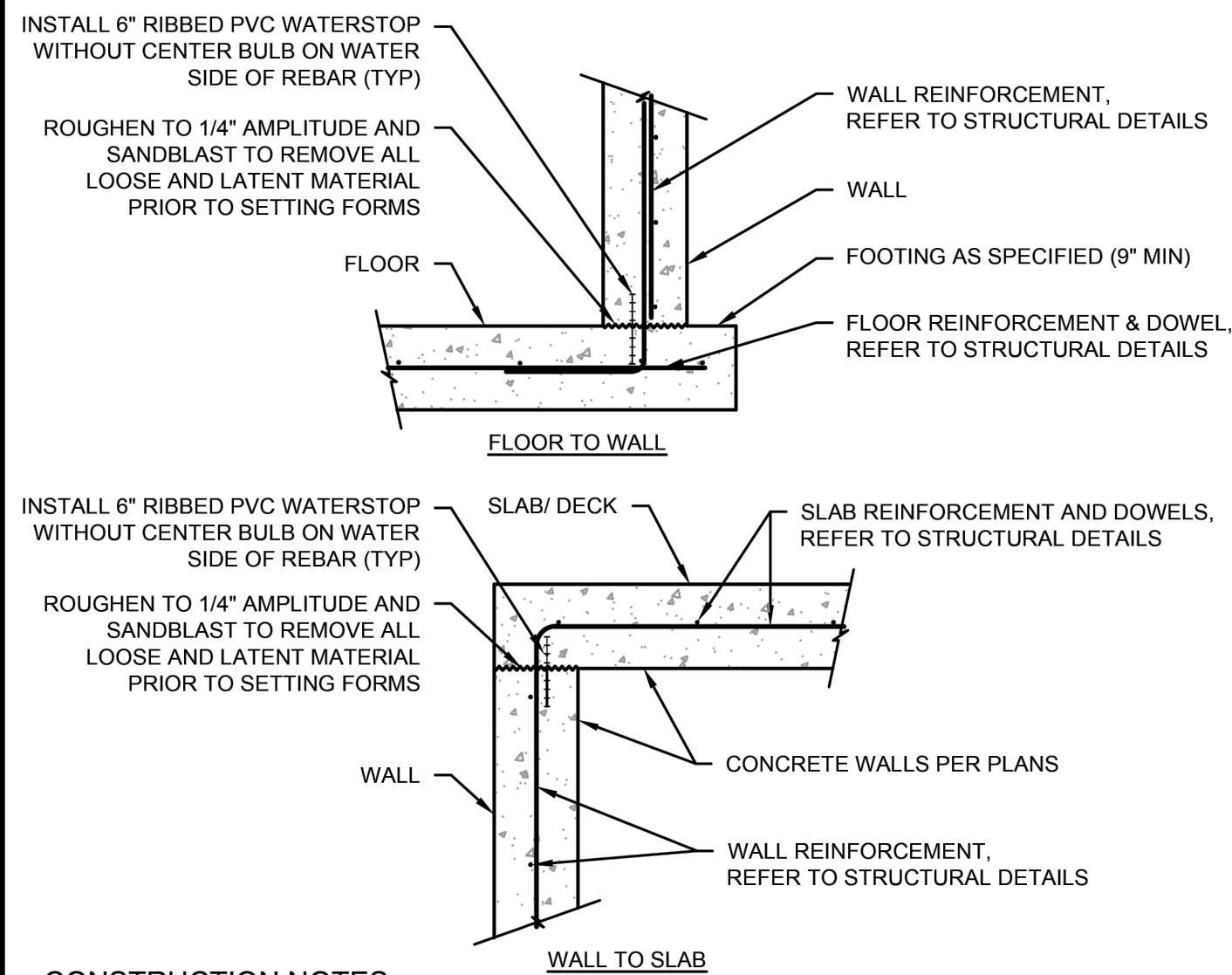
NOTE
THIS DETAIL APPLIES TO ALL OPENINGS IN WALLS AND SLABS THAT DO RETAIN LIQUID OR SOIL

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		OPENING REINFORCEMENT	
	APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL 3.04	
	FORREST KILLINGSWORTH, PE DATE:	DATE: 7/10/2025	1 OF 2	

CONSTRUCTION NOTES

- ALL OPENINGS (SQUARE AND CIRCULAR)
 - INSTALL ADDITIONAL HORIZONTAL AND VERTICAL REINFORCEMENT ABOVE, BELOW, AND TO EACH SIDE OF THE OPENING. ADDITIONAL STEEL AREA SHALL BE EQUAL TO THE STEEL AREA CUT BY THE OPENING, AND SHALL BE EVENLY DIVIDED EACH SIDE OF THE OPENING. ALL CUT BARS SHALL BE CUT 2 INCHES FROM THE OPENING.
 - ADDITIONAL BARS SHALL BE INSTALLED WITHIN 2 WALL THICKNESSES OF THE OPENING (INCREASE BAR SIZE AS REQUIRED). MAINTAIN MINIMUM 2 INCHES CLEARANCE BETWEEN BARS. IF THE OPENING IS WITHIN 1 WALL THICKNESS OF AN INTERSECTING (PERPENDICULAR) SLAB OR WALL, THE ADDITIONAL REINFORCEMENT ADJACENT TO INTERSECTING SLAB OR WALL MAY BE OMITTED.
 - OPENINGS LESS THAN 12 INCHES IN DIAMETER OR MAXIMUM WIDTH DO NOT REQUIRE ADDITIONAL HORIZONTAL AND VERTICAL REINFORCEMENT, BUT ADDITIONAL DIAGONAL BARS OR HOOPS SHALL BE INSTALLED AROUND CIRCULAR OPENINGS AS SPECIFIED IN NOTE 2, BELOW.
 - FOR MINIMUM LAP LENGTHS, REFER TO SSJID DETAIL 3.03, REINFORCEMENT. EXTEND REBAR INTO ADJACENT WALLS/SLABS AS REQUIRED TO MAINTAIN MINIMUM LAP LENGTHS. REFER TO SSJID DETAIL 3.03 FOR HOOK REQUIREMENTS.
- CIRCULAR OPENINGS ONLY
 - INSTALL ADDITIONAL HORIZONTAL AND VERTICAL REINFORCEMENT AS SPECIFIED IN NOTE 1, ABOVE.
 - INSTALL EITHER DIAGONAL BARS OR HOOPS AS FOLLOWS:
 - DIAGONAL BARS. INSTALL 4 DIAGONAL BARS PER MAT OF STEEL. DIAGONAL BAR SIZE SHALL MATCH THE LARGEST BAR SIZE IN THE WALL OR SLAB. DIAGONAL BARS MAY BE BENT AND LAPPED WITH ADJACENT BARS NEAR INTERSECTING SLABS, WALLS, OR OTHER OBSTRUCTIONS.
 - HOOPS. INSTALL 1 HOOP PER MAT OF STEEL. HOOP SIZE SHALL BE ONE BAR SIZE GREATER THAN THE LARGEST BAR SIZE IN THE WALL OR SLAB.
- ALL STEEL REINFORCEMENT SHALL CONFORM TO APPLICABLE PROVISIONS OF ACI-318.

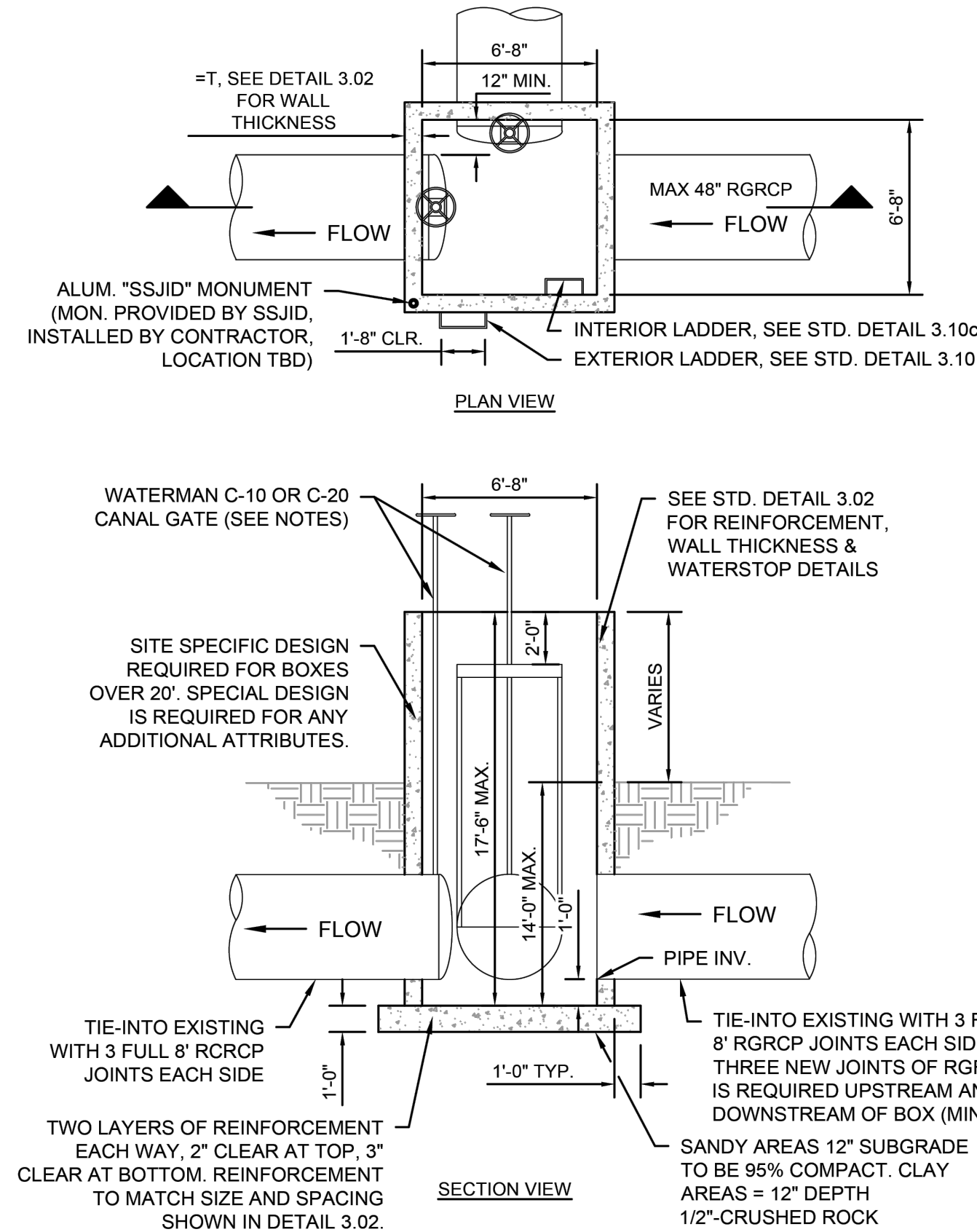
	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		OPENING REINFORCEMENT	
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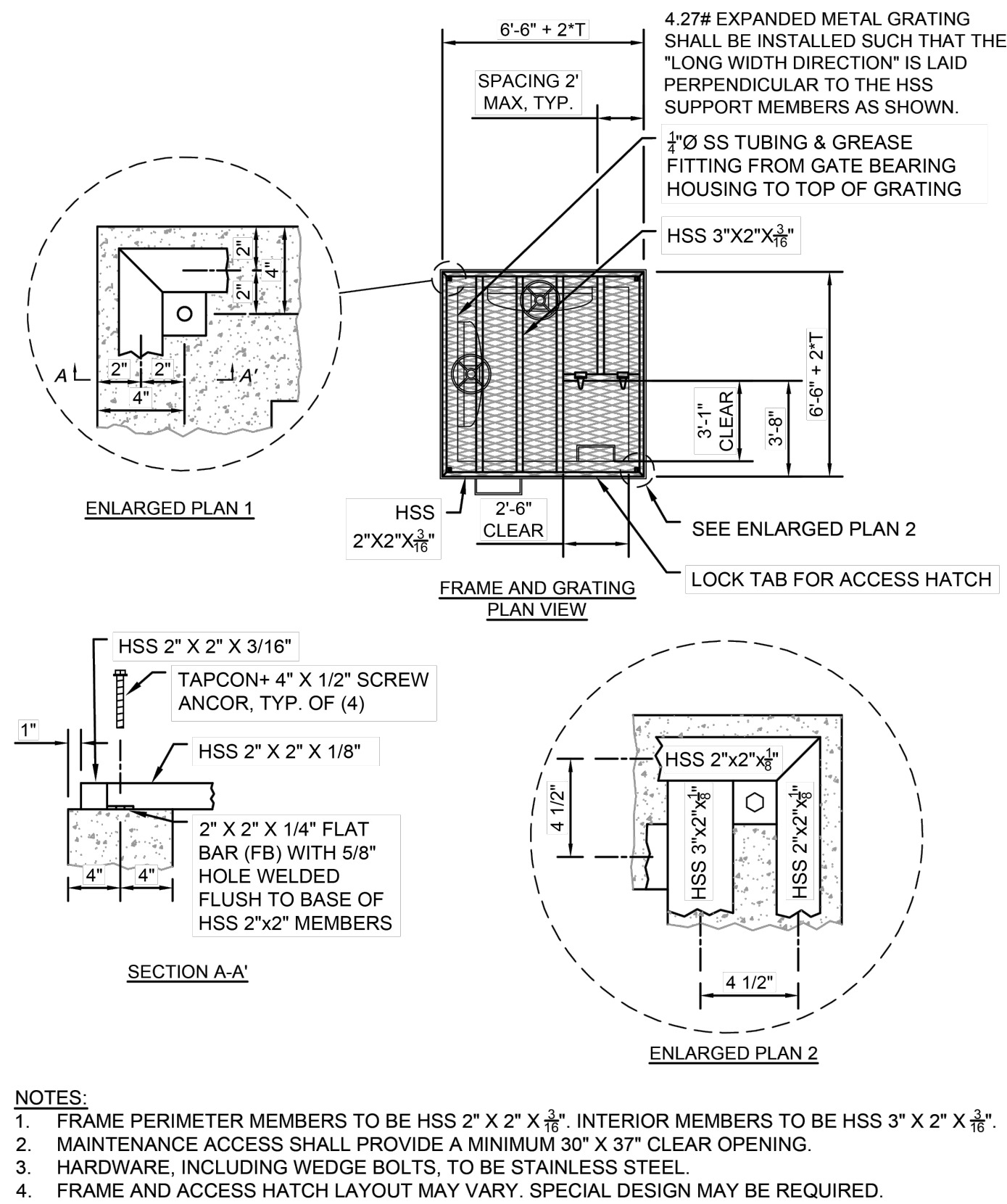
CONSTRUCTION NOTES

- ALL JOINTS BETWEEN CONCRETE POURS SHALL BE APPROVED CONSTRUCTION JOINTS. ALL CONSTRUCTION JOINTS SHALL CONFORM TO THIS STANDARD AND CONCRETE NOTES.
- CONSTRUCTION JOINTS ARE REQUIRED FOR ALL FLOOR/ SLAB TO WALL TRANSITIONS.
- CONSTRUCTION JOINTS SHALL BE PLACED AS SHOWN ON THE PLANS OR AS PRE-APPROVED BY ENGINEER. JOINTS SHALL BE THOROUGHLY CLEANED AND LATANCE REMOVED BEFORE A NEW POUR IS MADE. EACH JOINT SHALL BE WETTED IMMEDIATELY BEFORE THE PLACING OF NEW CONCRETE.
- WATERSTOP SHALL BE 6 INCH RIBBED PVC WATERSTOP WITH CENTER BULB. RX WATERSTOP TO BE USED IF EXISTING CONCRETE.
- REINFORCING STEEL SHALL JOIN THE CONCRETE BETWEEN POURS WITH A MINIMUM OVERLAP CONFORMING TO DETAIL 3.03, STEEL REINFORCING.
- THIS DETAIL INTENTIONALLY DOES NOT SPECIFY CONCRETE THICKNESS OR REINFORCEMENT SIZE WHICH SHOULD BE DESIGNED SEPARATELY.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		COLD JOINTS	
	APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL 3.05	
	FORREST KILLINGSWORTH, PE DATE:	DATE: 7/10/2025	1 OF 1	

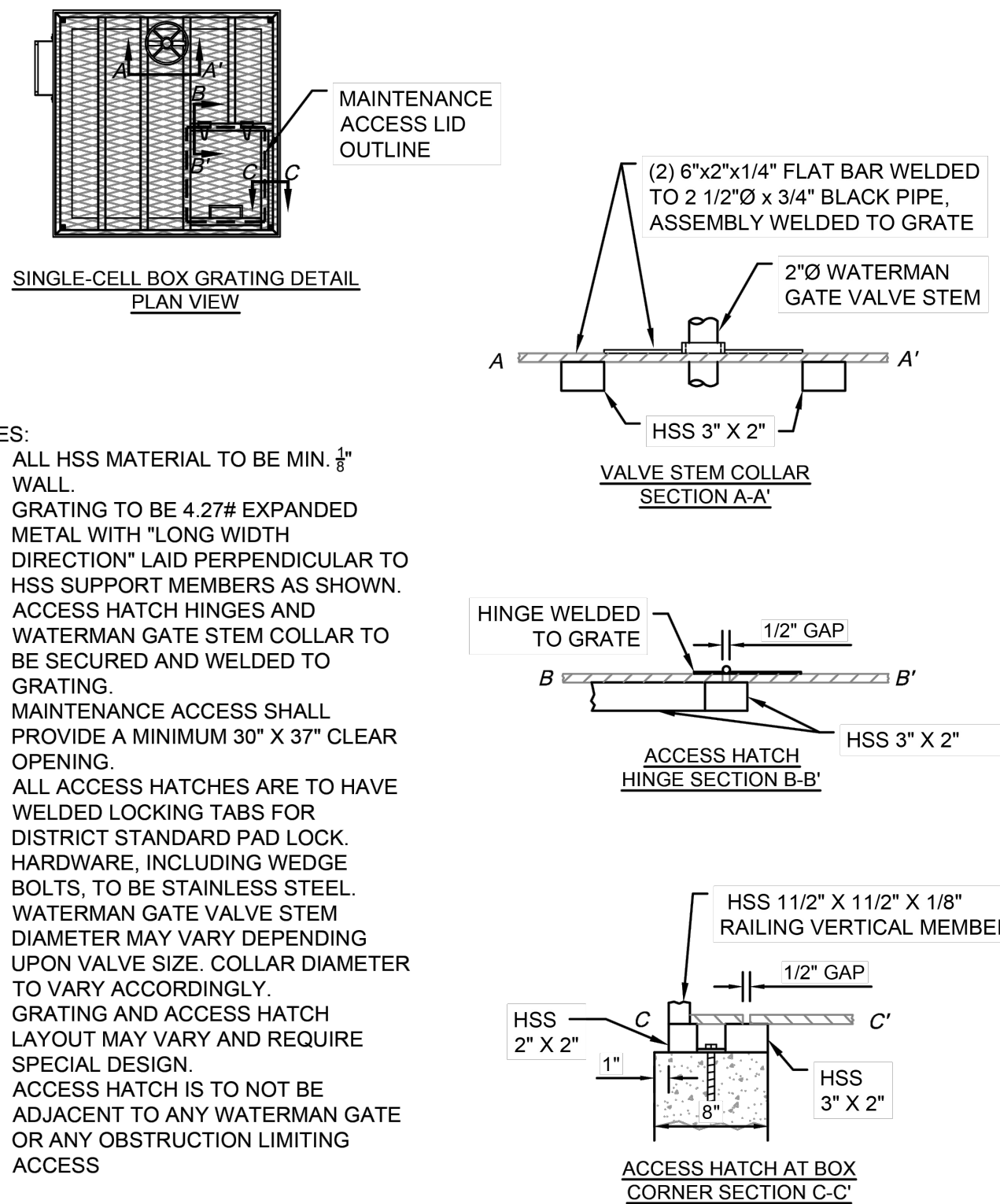


	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		SINGLE CELL CONTROL BOX	
	APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL 3.06	
	FORREST KILLINGSWORTH, PE DATE:	DATE: 7/10/2025	1 OF 5	



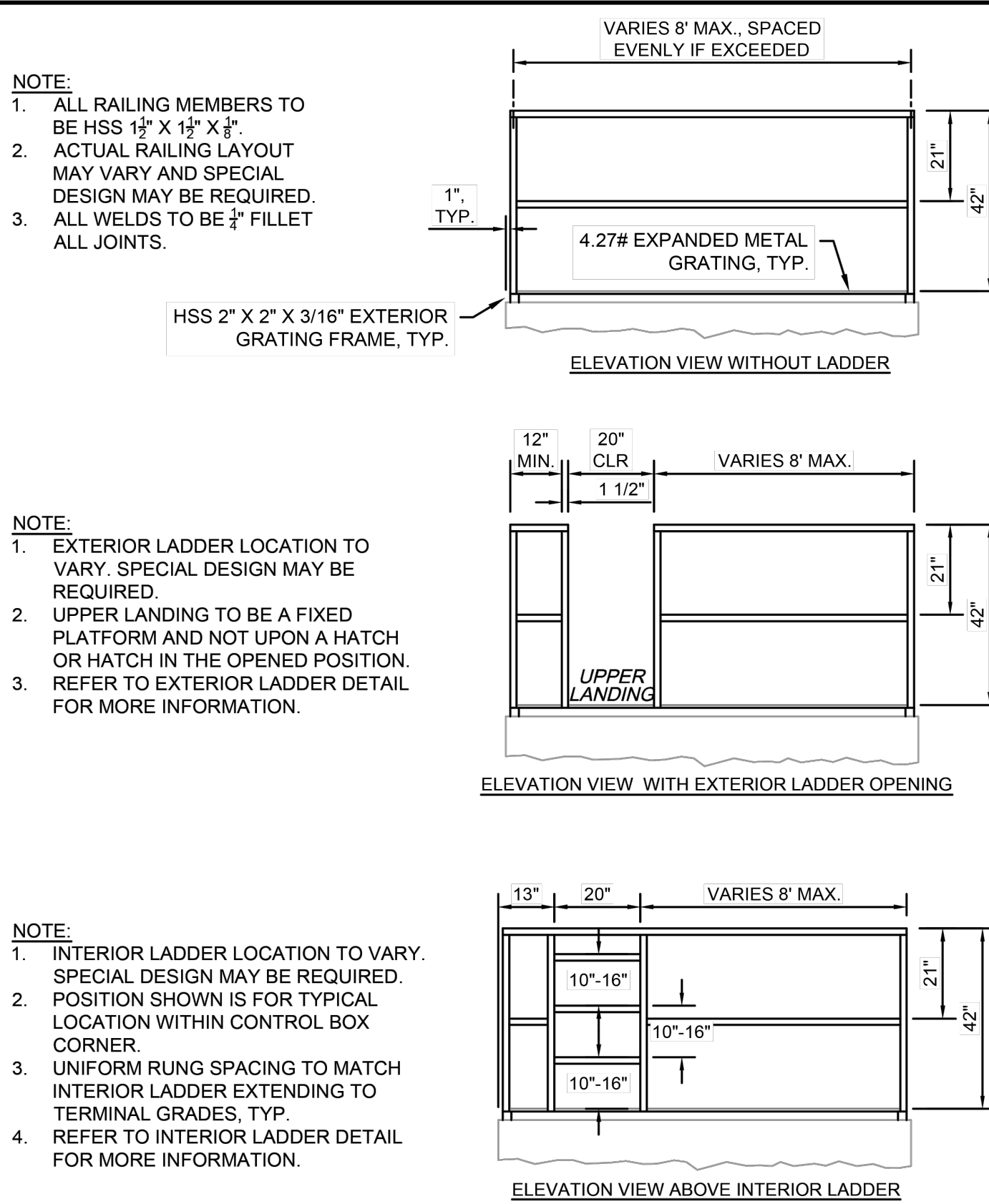
- NOTES:
- FRAME PERIMETER MEMBERS TO BE HSS 2" X 2" X 3/16". INTERIOR MEMBERS TO BE HSS 3" X 2" X 3/16".
 - MAINTENANCE ACCESS SHALL PROVIDE A MINIMUM 30" X 37" CLEAR OPENING.
 - HARDWARE, INCLUDING WEDGE BOLTS, TO BE STAINLESS STEEL.
 - FRAME AND ACCESS HATCH LAYOUT MAY VARY. SPECIAL DESIGN MAY BE REQUIRED.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		SINGLE CELL CONTROL BOX	
	APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL 3.06	
	FORREST KILLINGSWORTH, PE DATE:	DATE: 7/10/2025	2 OF 5	



- NOTES:
- ALL HSS MATERIAL TO BE MIN. 1/8" WALL.
 - GRATING TO BE 4.27# EXPANDED METAL WITH "LONG WIDTH DIRECTION" LAID PERPENDICULAR TO HSS SUPPORT MEMBERS AS SHOWN.
 - ACCESS HATCH HINGES AND WATERMAN GATE STEM COLLAR TO BE SECURED AND WELDED TO GRATING.
 - MAINTENANCE ACCESS SHALL PROVIDE A MINIMUM 30" X 37" CLEAR OPENING.
 - ALL ACCESS HATCHES ARE TO HAVE WELDED LOCKING TABS FOR DISTRICT STANDARD PAD LOCK.
 - HARDWARE, INCLUDING WEDGE BOLTS, TO BE STAINLESS STEEL.
 - WATERMAN GATE VALVE STEM DIAMETER MAY VARY DEPENDING UPON VALVE SIZE. COLLAR DIAMETER TO VARY ACCORDINGLY.
 - GRATING AND ACCESS HATCH LAYOUT MAY VARY AND REQUIRE SPECIAL DESIGN.
 - ACCESS HATCH IS TO NOT BE ADJACENT TO ANY WATERMAN GATE OR ANY OBSTRUCTION LIMITING ACCESS

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		SINGLE CELL CONTROL BOX	
	APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL 3.06	
	FORREST KILLINGSWORTH, PE DATE:	DATE: 7/10/2025	3 OF 5	



- NOTE:
- EXTERIOR LADDER LOCATION TO VARY. SPECIAL DESIGN MAY BE REQUIRED.
 - UPPER LANDING TO BE A FIXED PLATFORM AND NOT UPON A HATCH OR HATCH IN THE OPENED POSITION. REFER TO EXTERIOR LADDER DETAIL FOR MORE INFORMATION.

- NOTE:
- INTERIOR LADDER LOCATION TO VARY. SPECIAL DESIGN MAY BE REQUIRED.
 - POSITION SHOWN IS FOR TYPICAL LOCATION WITHIN CONTROL BOX CORNER.
 - UNIFORM RUNG SPACING TO MATCH INTERIOR LADDER EXTENDING TO TERMINAL GRADES, TYP.
 - REFER TO INTERIOR LADDER DETAIL FOR MORE INFORMATION.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		SINGLE CELL CONTROL BOX	
	APPROVED:	SCALE: NOT TO SCALE	STANDARD DETAIL 3.06	
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POUR-OVER BOX GUIDELINES:

- BOX TOP TO BE EXPANDED METAL GRATING OR EQUIVALENT, WITH MAINTENANCE ACCESS AS NOTED. SSJID TO BE PROVIDED WITH DETAILS AND SHOP DRAWINGS FOR DISTRICT APPROVAL PRIOR TO INSTALLATION.
- EXTERIOR LADDER IS POSITIONED TO PROVIDE A FIXED UPPER LANDING PLATFORM AND NOT UPON A HATCH OR A HATCH IN THE OPENED POSITION.
- THIS EXHIBIT DRAWING IS INTENDED TO BE A DETAILED GUIDE FOR THIS SPECIALIZED IRRIGATION STRUCTURE. HOWEVER, ADDITIONAL DETAILS AND/OR DRAWING MODIFICATIONS MAY BE NECESSARY TO FULLY ILLUSTRATE A COMPLETE INSTALLATION.
- CANAL GATE IS TO BE WATERMAN C-10 (ONE WAY FLOW) OR WATERMAN C-20 (TWO WAY FLOW). FLAT-BACK FOR WALL MOUNT. HAND WHEEL IS TO BE 38" ABOVE TOP OF GRATING. TOP OF CANAL GATE FRAME IS TO BE APPROXIMATELY 24" BELOW TOP OF BOX. LIFTING NUT IS TO BE RIGHT HANDED, FOUR THREADS PER IN (4TPI). STEM COLLAR TO BE SECURED & WELDED TO GRATING. STEM TO BE ABLE TO LOCK WITH WELDED CHAIN. TOP OF GATE FRAME IS TO BE BRACED AND ANCHORED TO CONCRETE BOX. NON-RIISING EXTENSION BRACKETS SHALL BE WELDED TO THE PIPE IN ADDITION TO SET SCREWS. HARDWARE INCLUDING WEDGE BOLTS ARE TO BE STAINLESS STEEL.
- SEE DETAIL 3.10 FOR EXTERIOR LADDER. A CLEAR WIDTH OF AT LEAST 15" SHALL BE PROVIDED EACH WAY FROM THE CENTER LINE OF THE LADDER IN THE CLIMBING SPACE. THE DISTANCE FROM CENTER LINE OF RUNGS, CLEATS, OR STEPS TO THE NEAREST PERMANENT OBJECT IN BACK OF THE LADDER SHALL NOT BE LESS THAN 7" STEP SPACING SHALL NOT EXCEED 16" BETWEEN THE TOP SURFACES OF RUNGS AND SHALL BE UNIFORM THROUGHOUT THE LENGTH OF THE LADDER. GRAB BARS SHALL BE SPACED BY A CONTINUATION OF THE RUNG SPACING WHEN THEY ARE LOCATED IN THE HORIZONTAL POSITION.
- MAINTENANCE ACCESS SHALL PROVIDE A MINIMUM CLEAR OPENING OF 30" X 37".
- AS AN OPTION, M.A. INDUSTRIES, INC. PS-3-PFC MANHOLE STEP, OR EQUIVALENT, MAY BE USED FOR INTERIOR LADDER. CLEARANCES AND DIMENSIONS IDENTIFIED IN ITEM #5 SHALL STILL APPLY.
- ALL ACCESS HATCHES ARE TO HAVE WELDED LOCKING TABS FOR DISTRICT STANDARD PAD LOCK.

	SOUTH SAN JOAQUIN IRRIGATION DISTRICT		SINGLE CELL CONTROL BOX	
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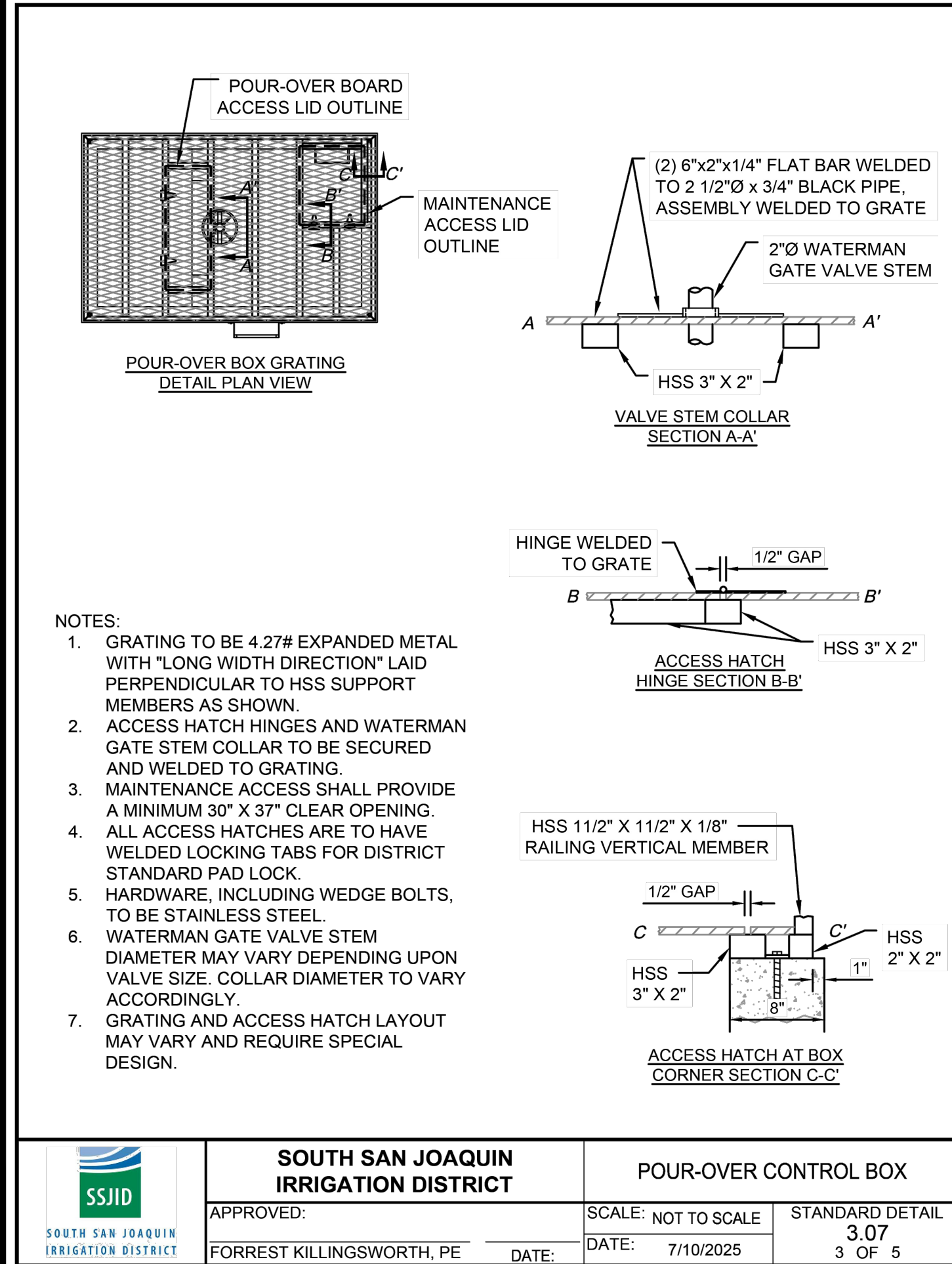
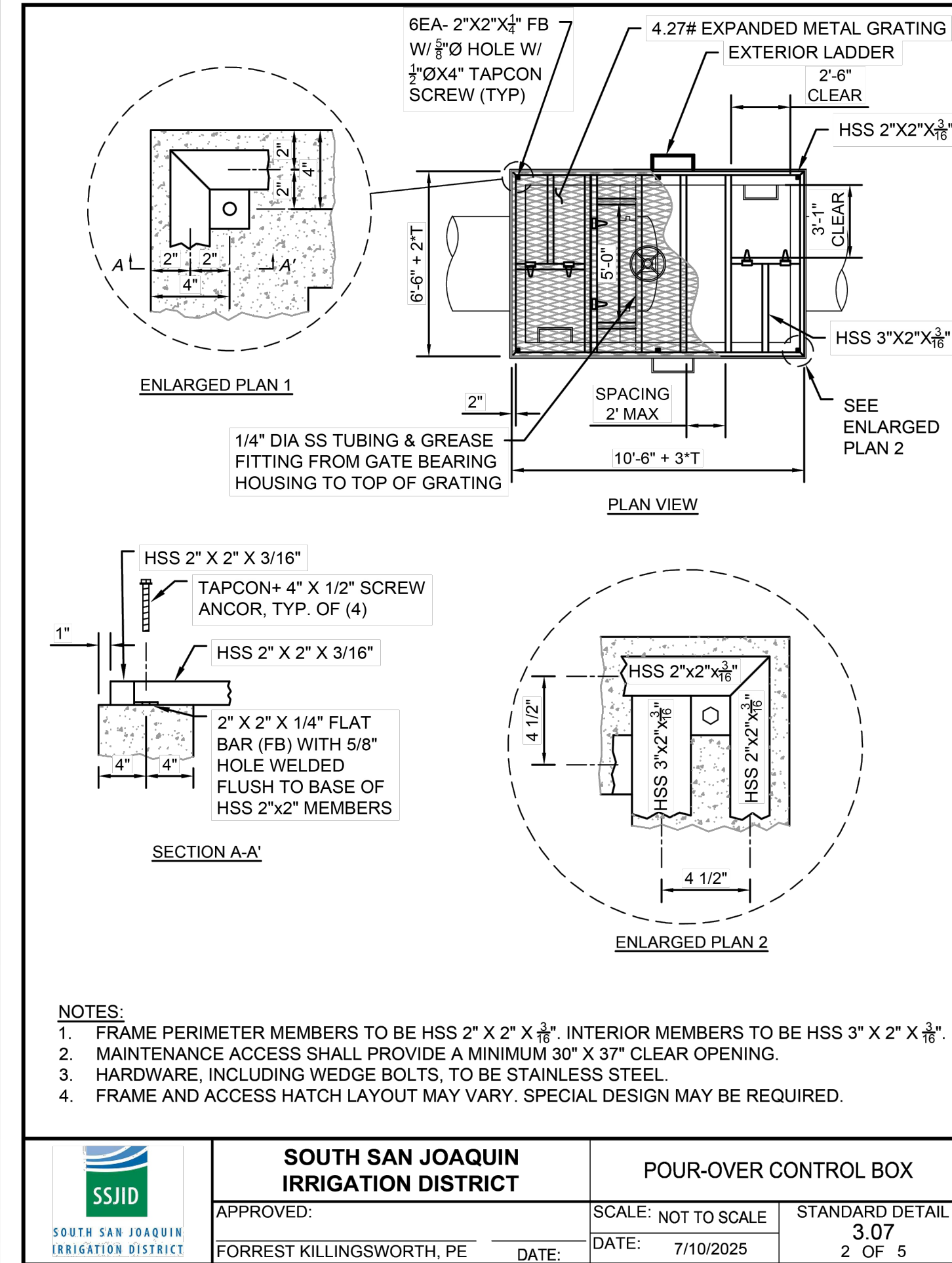
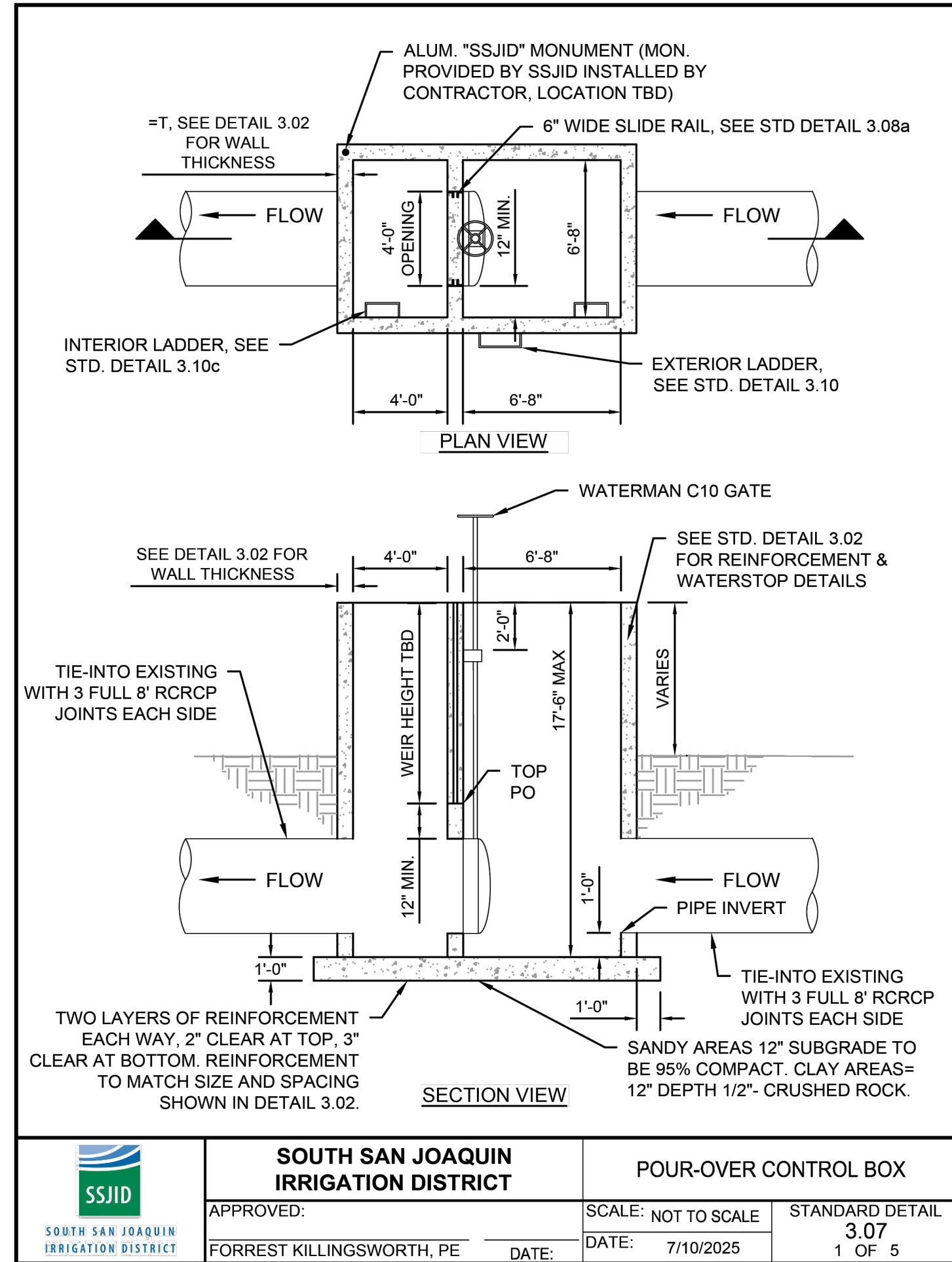
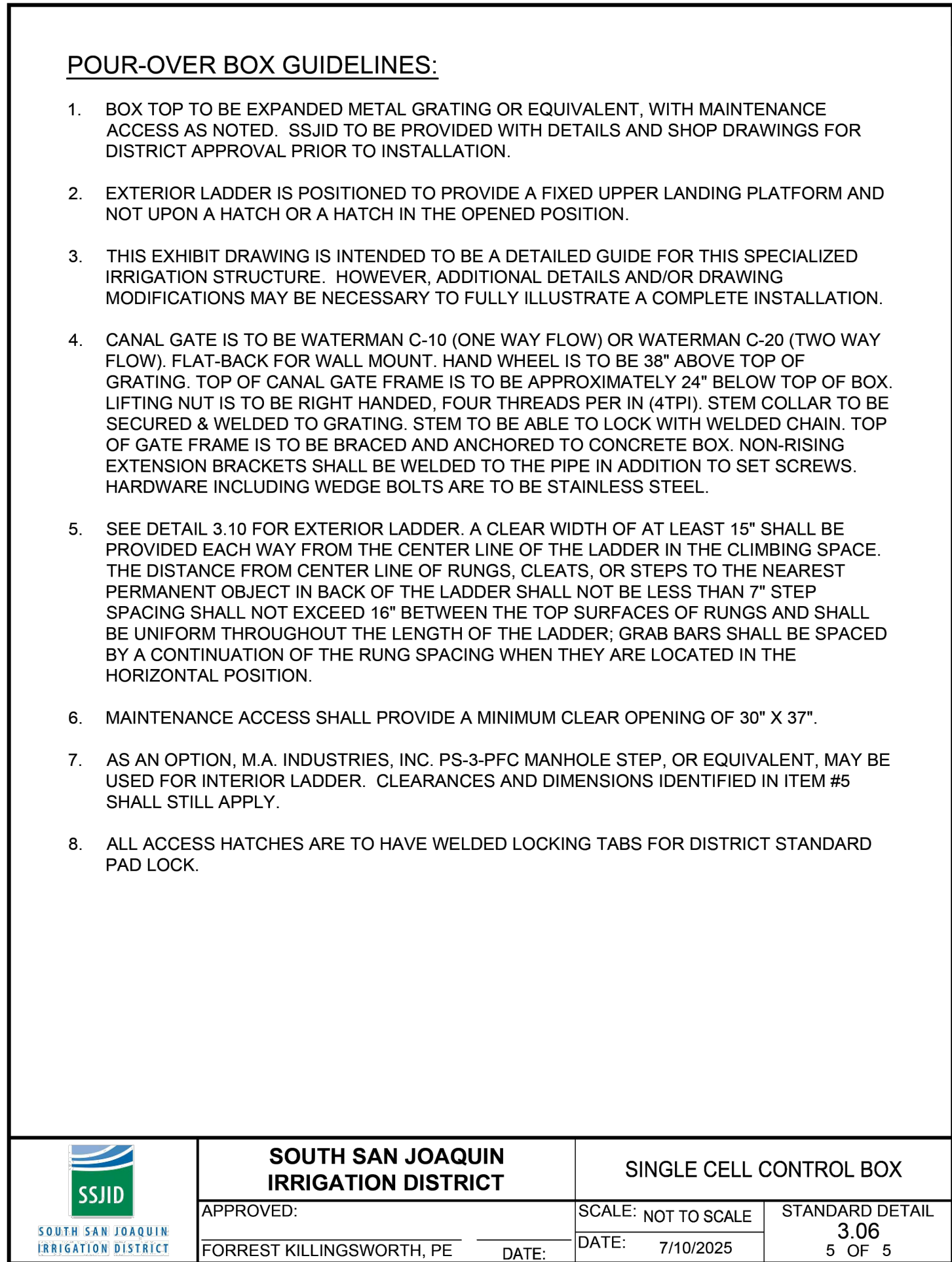
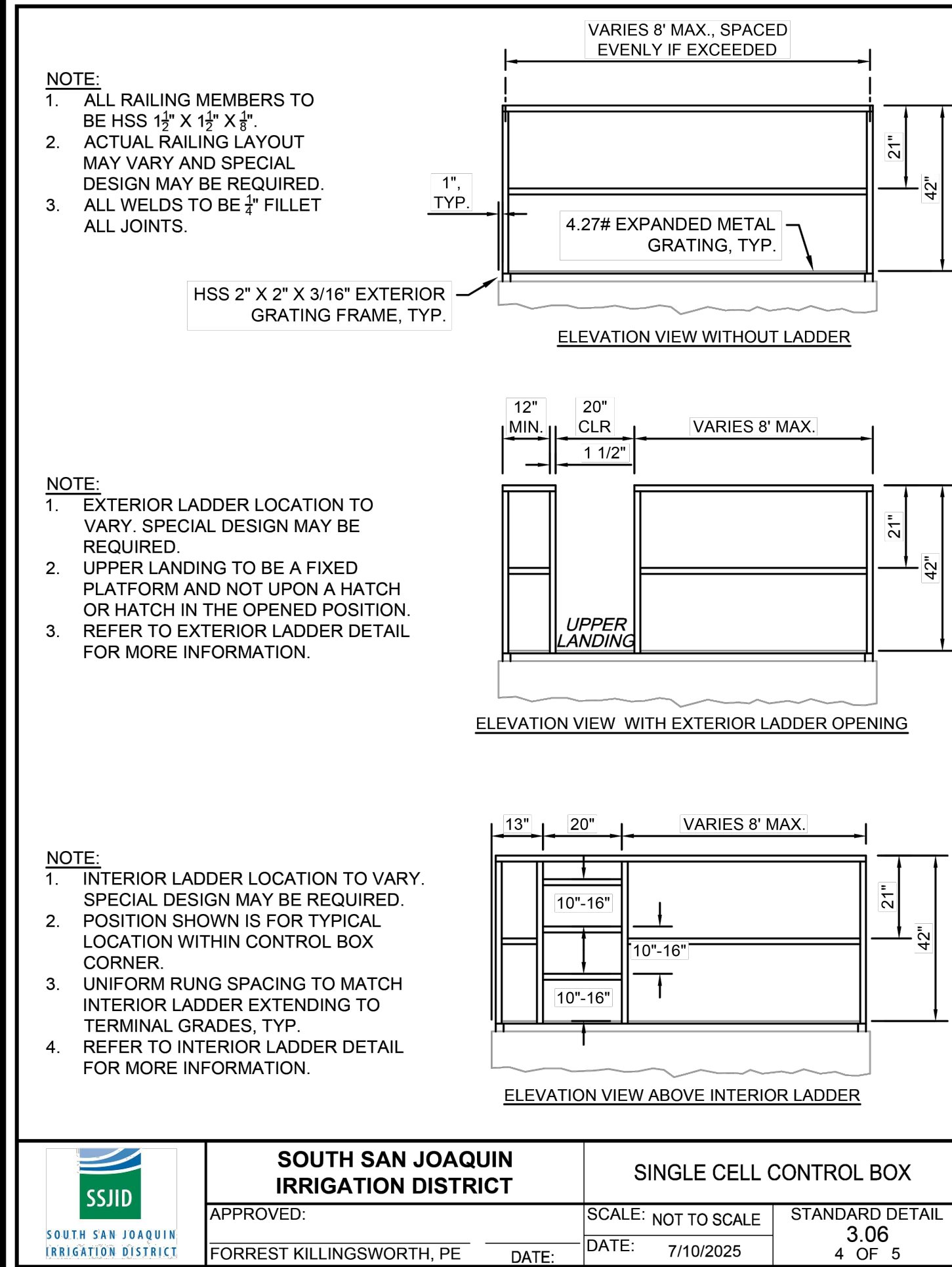
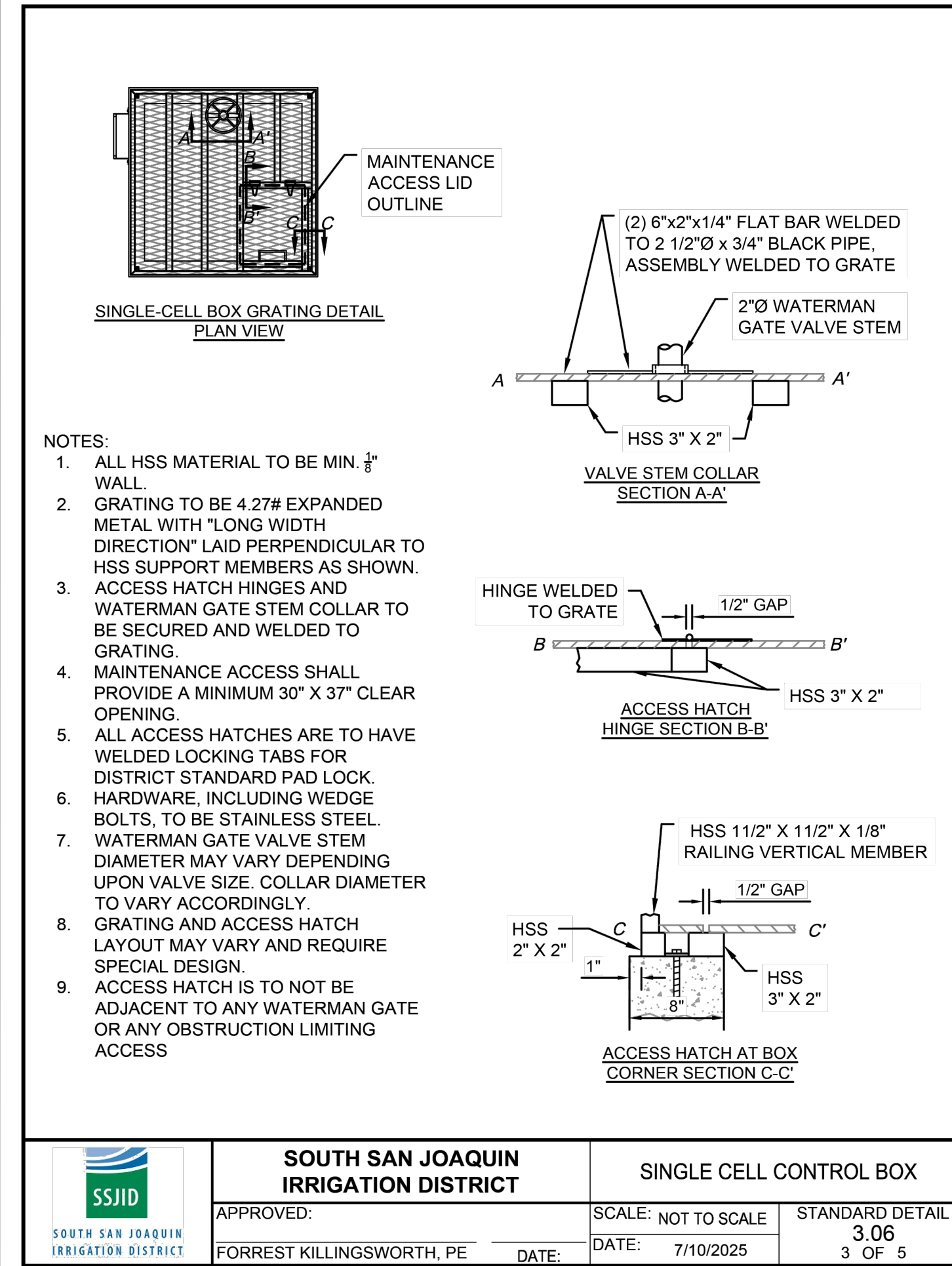
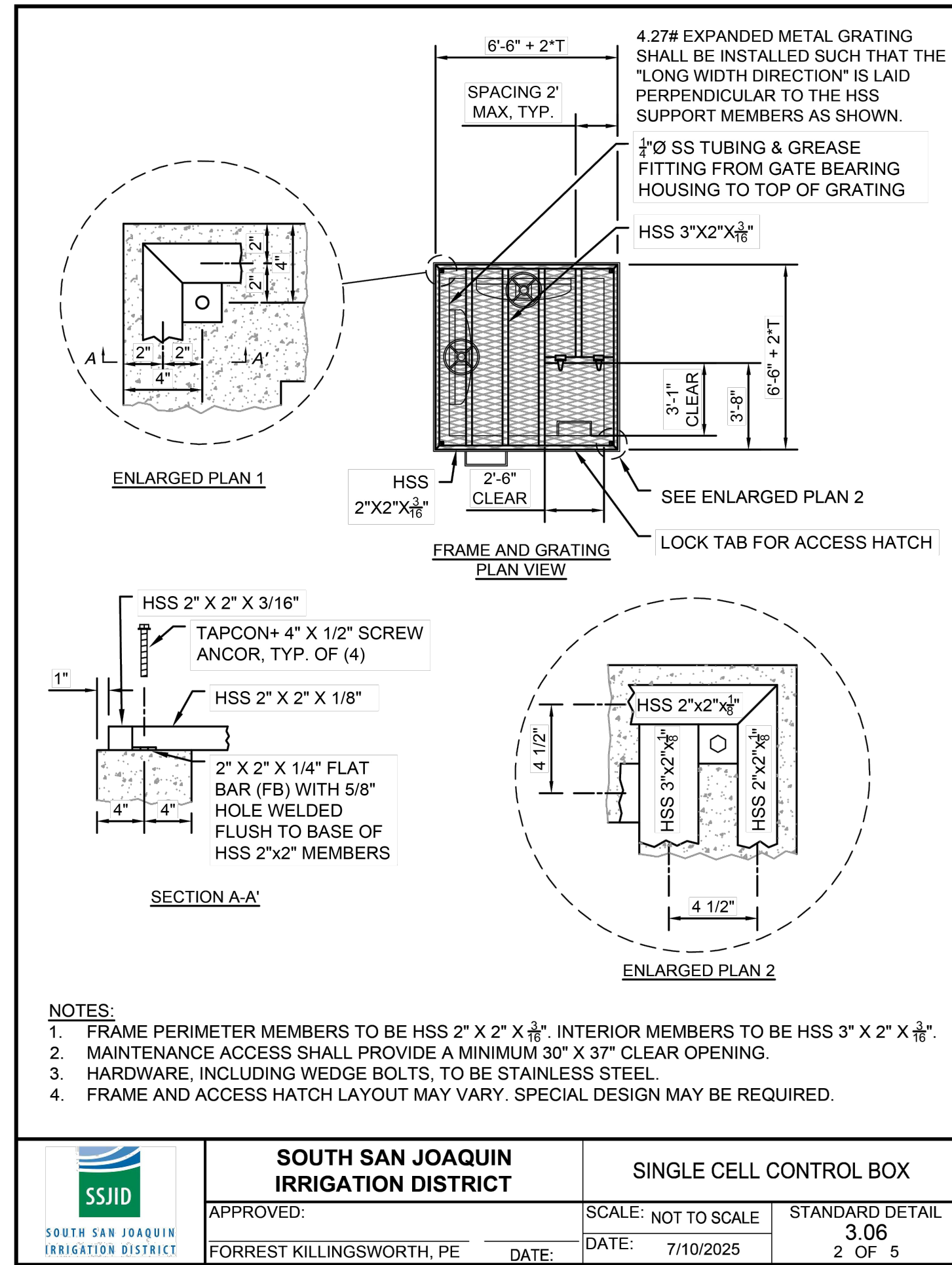
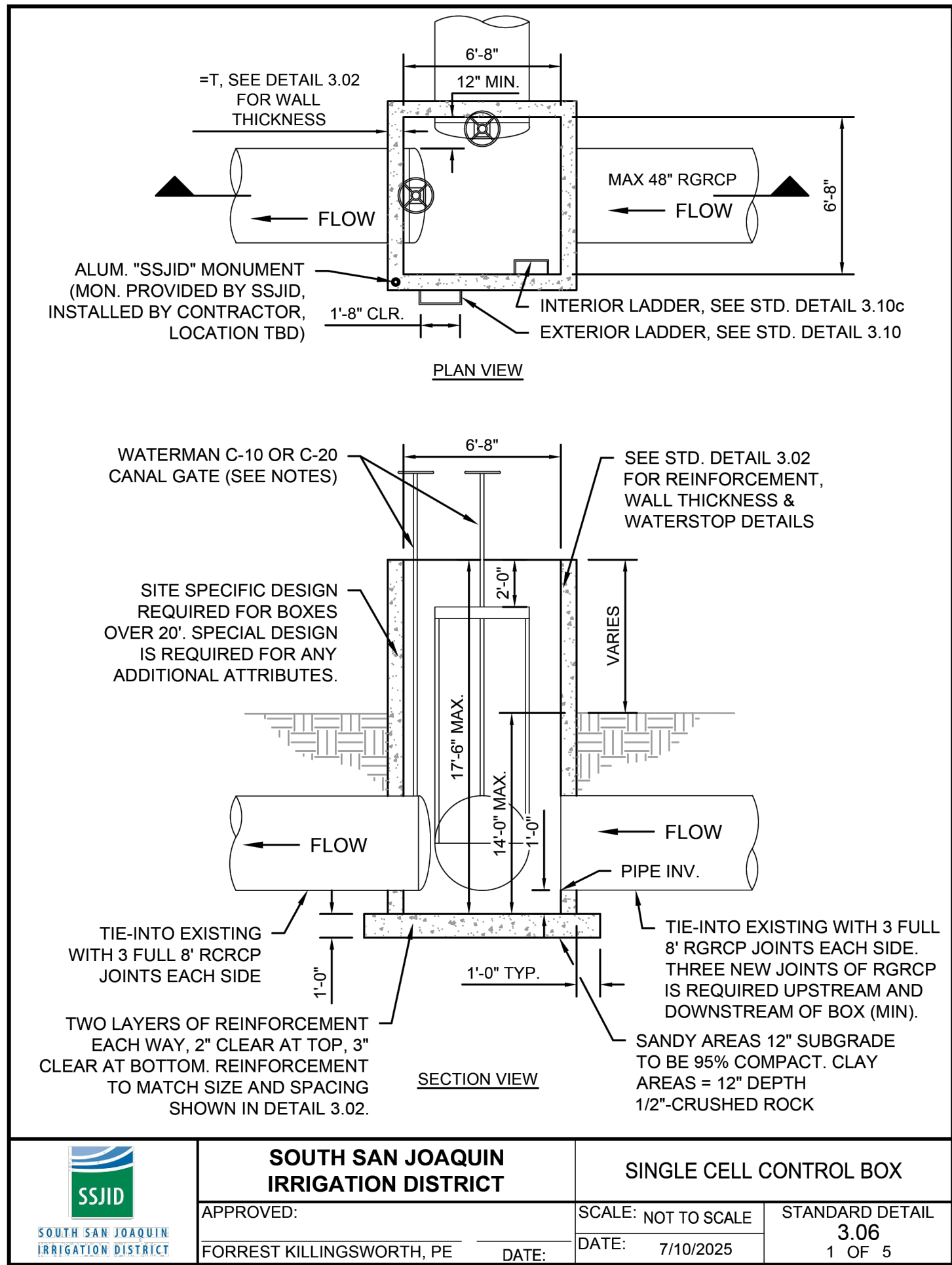
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DEMOLITION SHEET INDEX

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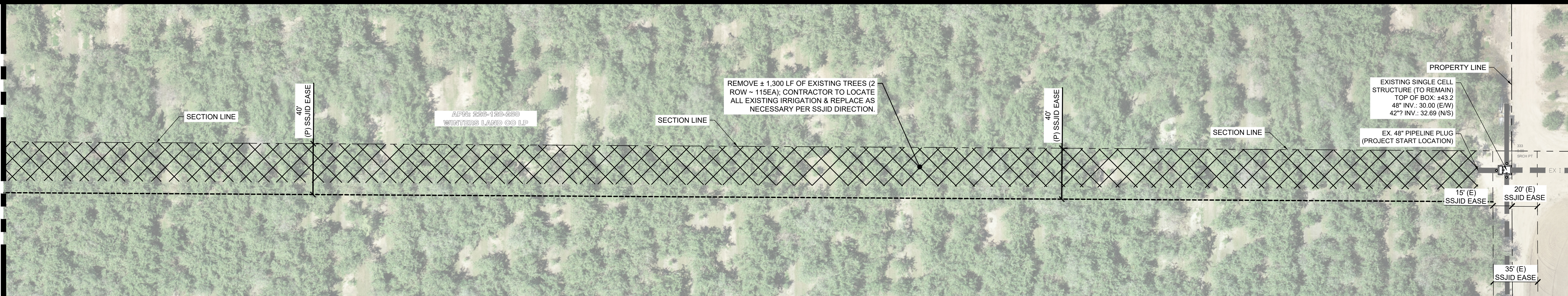
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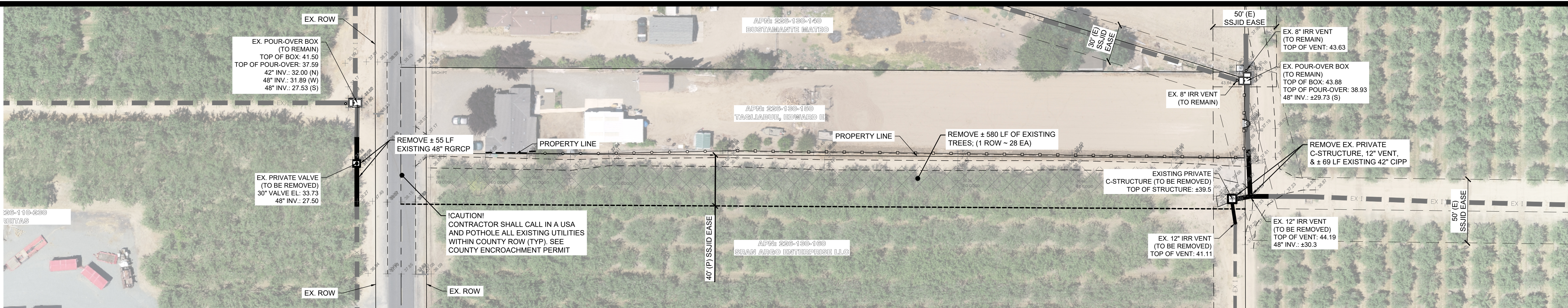
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1 TOPOGRAPHIC SURVEY & DEMOLITION DETAIL 1
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2 TOPOGRAPHIC SURVEY & DEMOLITION DETAIL 2
SCALE: 1" = 40'



3 TOPOGRAPHIC SURVEY & DEMOLITION DETAIL 3
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**TOPOGRAPHIC SURVEY &
DEMOLITION PLAN**

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LATERAL W190DD3DD TO WE CONNECTION

PLAN & PROFILE SHEET INDEX

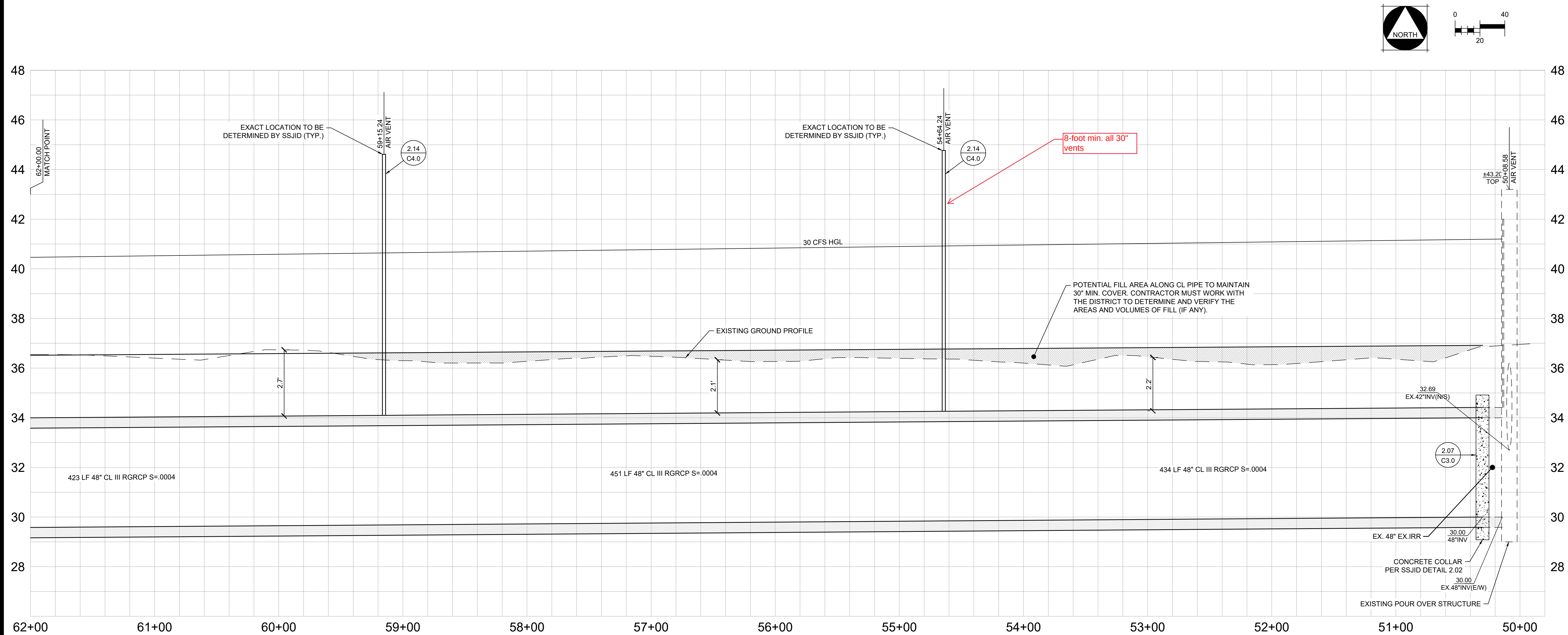
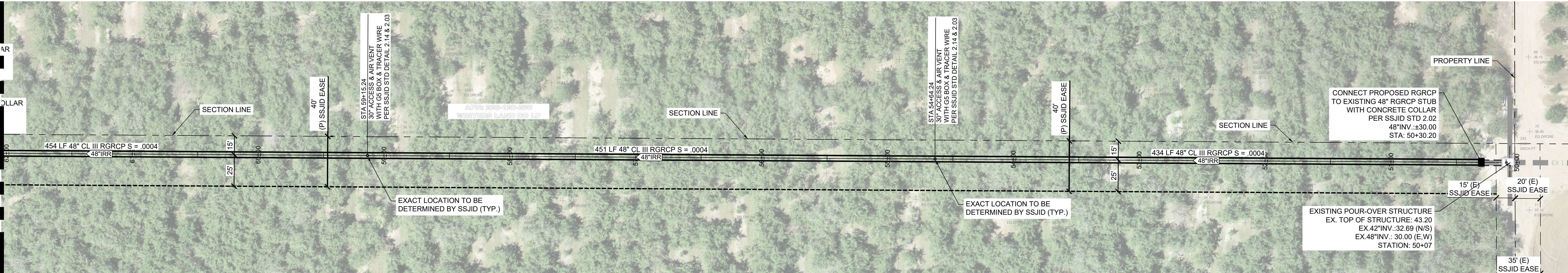
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OF 18 SHEET

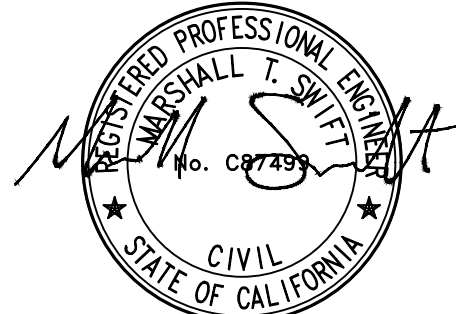
SEE SHEET C13.0 FOR CONTINUATION



NOTE:

CONTRACTOR TO FURNISH VALVES FOR ALL PROPOSED U-STRUCTURES (2X). ALL OTHER FURNISHINGS (POUR-OVER BOXES, SINGLE-CELL BOXES, VALVES, GATES, RAILING, LADDERS, GRATING, SLIDE RAILS, ETC.) SHALL BE FURNISHED BY SSJID CREWS. CONTRACTOR IS RESPONSIBLE ONLY FOR PROVIDING CONCRETE FOR THESE STRUCTURES.

PROFILE SCALE
1" = 40' HORIZONTAL
1" = 2' VERTICAL



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IMPROVEMENT PLANS FOR SSJID:
LATERAL W190DD3DD TO WE CONNECTION

**LATERAL WE STA 50+07.00 -
62+00.00 PLAN & PROFILE**

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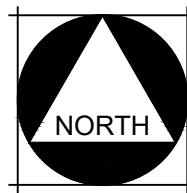
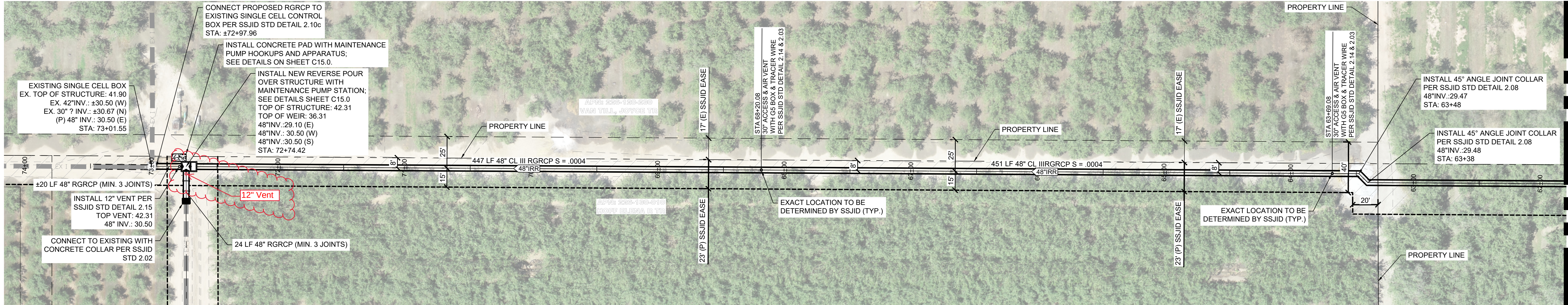
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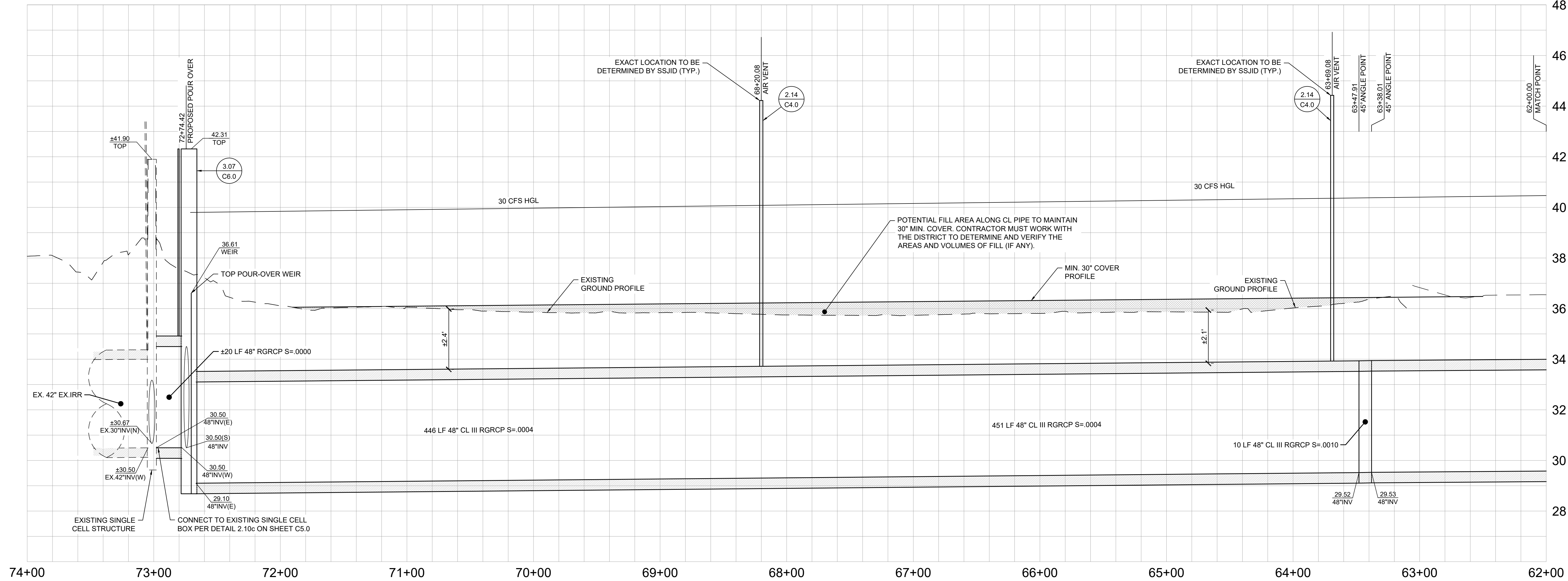
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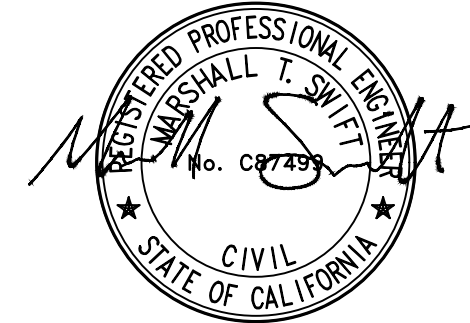
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IMPROVEMENT PLANS FOR SSJID:
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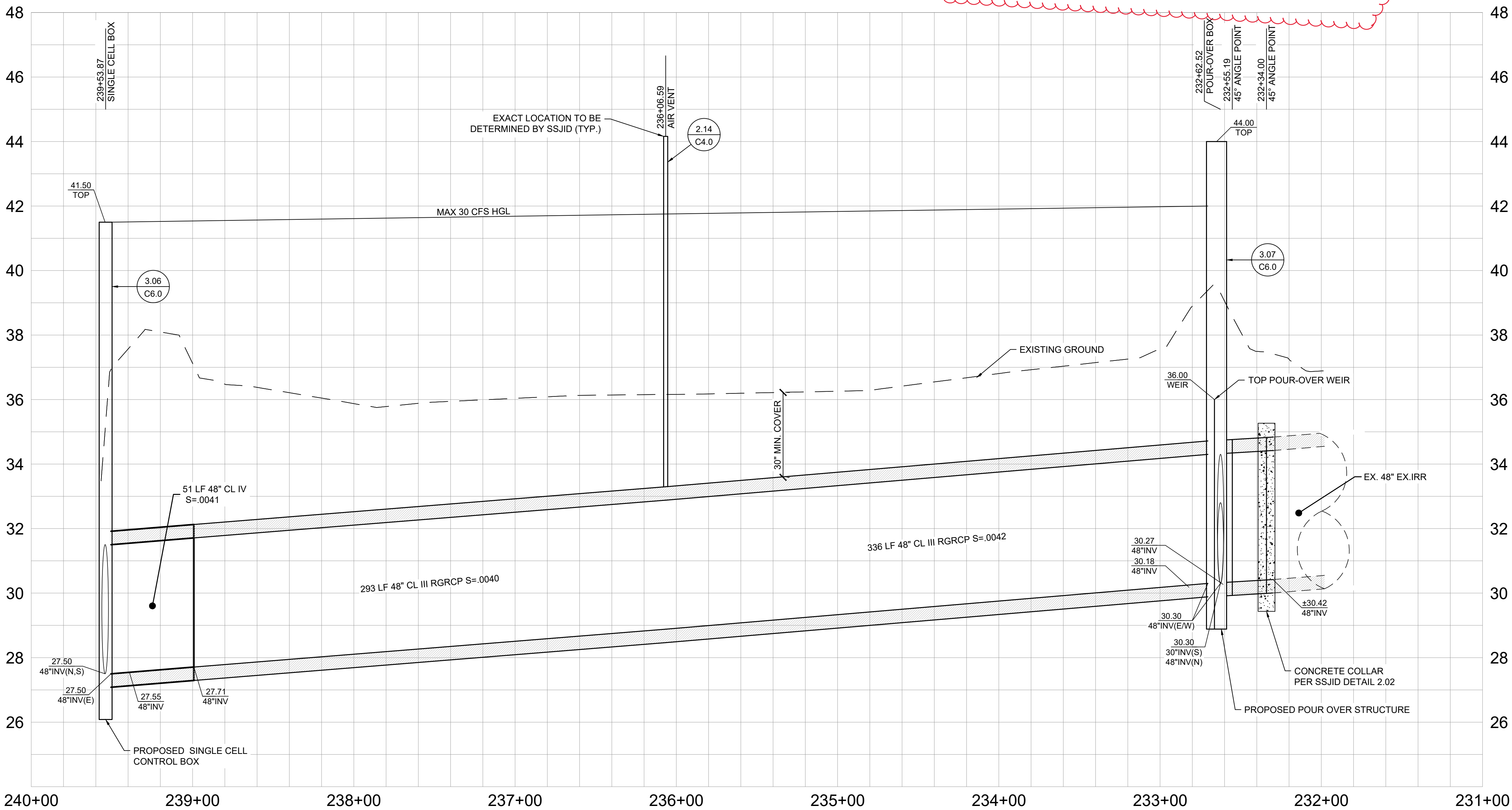
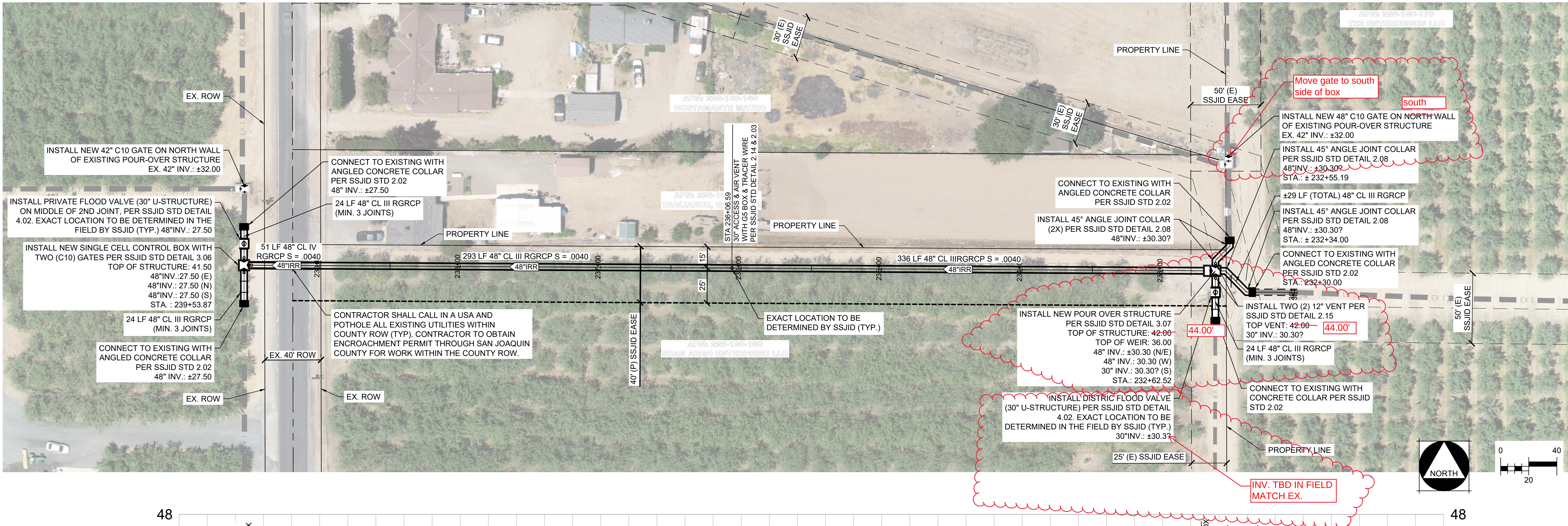
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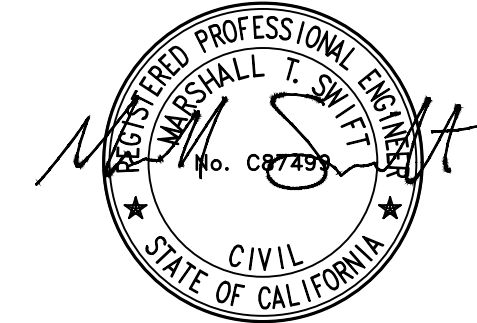


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PROFILE SCALE
1" = 40' HORIZONTAL
1" = 2' VERTICAL

mcr
ENGINEERING
www.mcreng.com
1242 DUPONT COURT
MANTECA, CA 95336
TEL: (209) 239-6229
FAX: (209) 239-8839



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IMPROVEMENT PLANS FOR SSJID:
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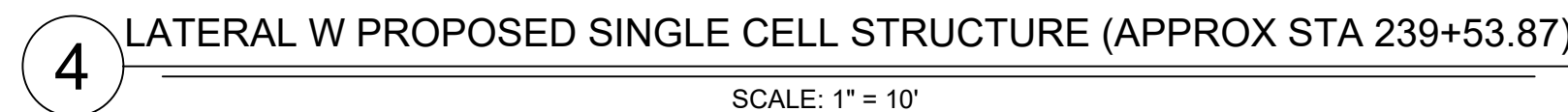
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STRUCTURE DETAILS

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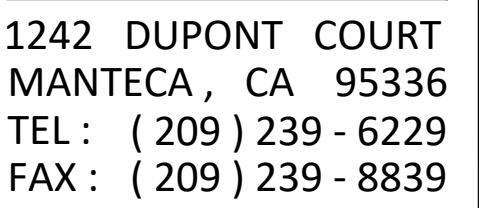
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CONTRACTOR TO FURNISH VALVES FOR ALL PROPOSED U-STRUCTURES (2X). ALL OTHER FURNISHINGS (POUR-OVER BOXES, SINGLE-CELL BOXES, VALVES, GATES, RAILING, LADDERS, GRATING, SLIDE RAILS, ETC.) SHALL BE FURNISHED BY SSJID CREWS. CONTRACTOR IS RESPONSIBLE ONLY FOR PROVIDING CONCRETE FOR THESE STRUCTURES.





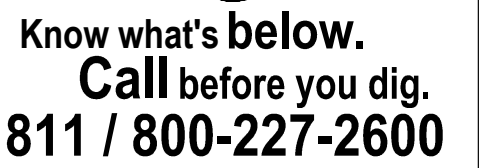
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IMPROVEMENT PLANS FOR SSJD: LATERAL W190DD3DD TO WE CONNECTION

EROSION & SEDIMENT CONTROL PLAN

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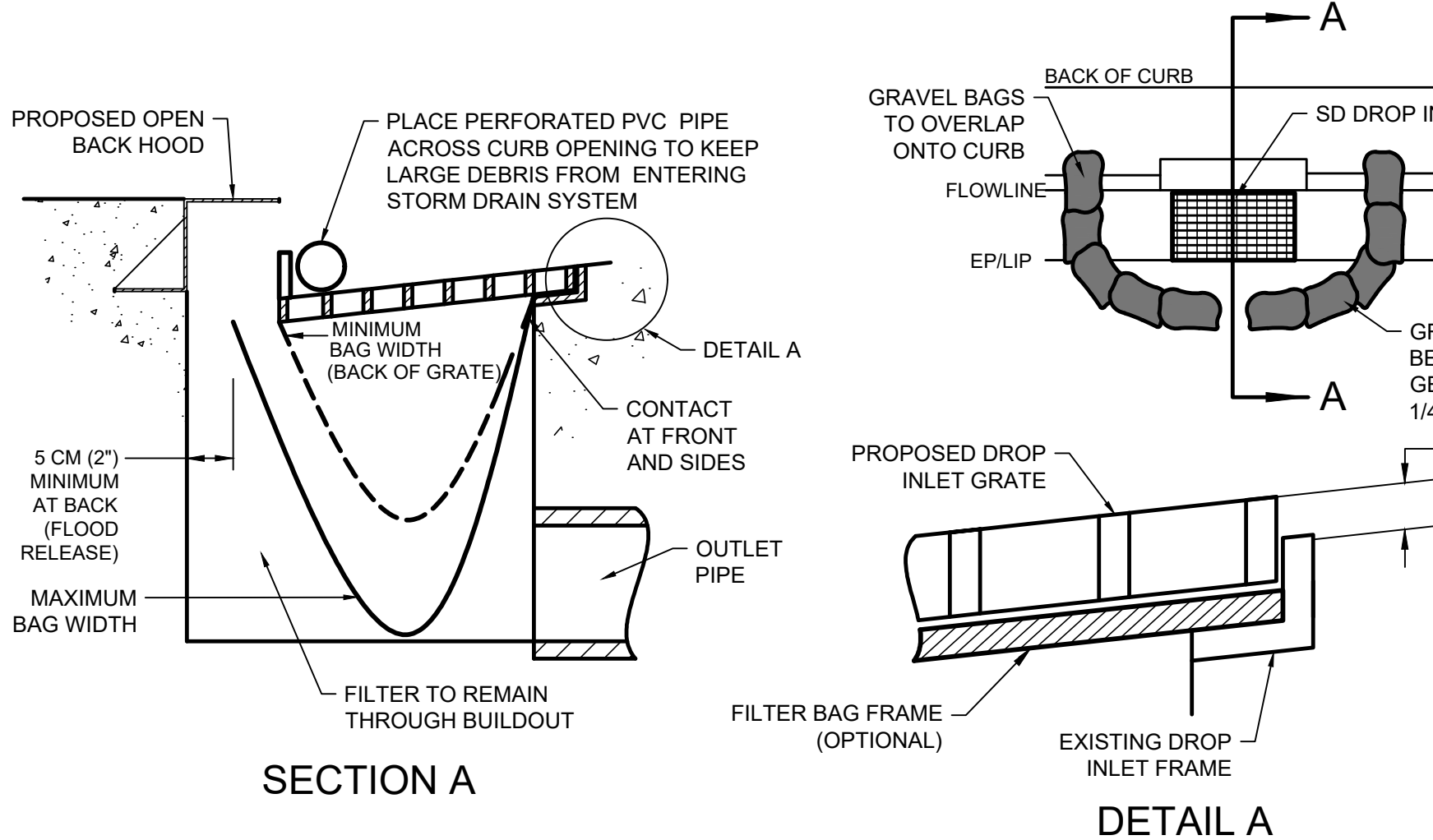
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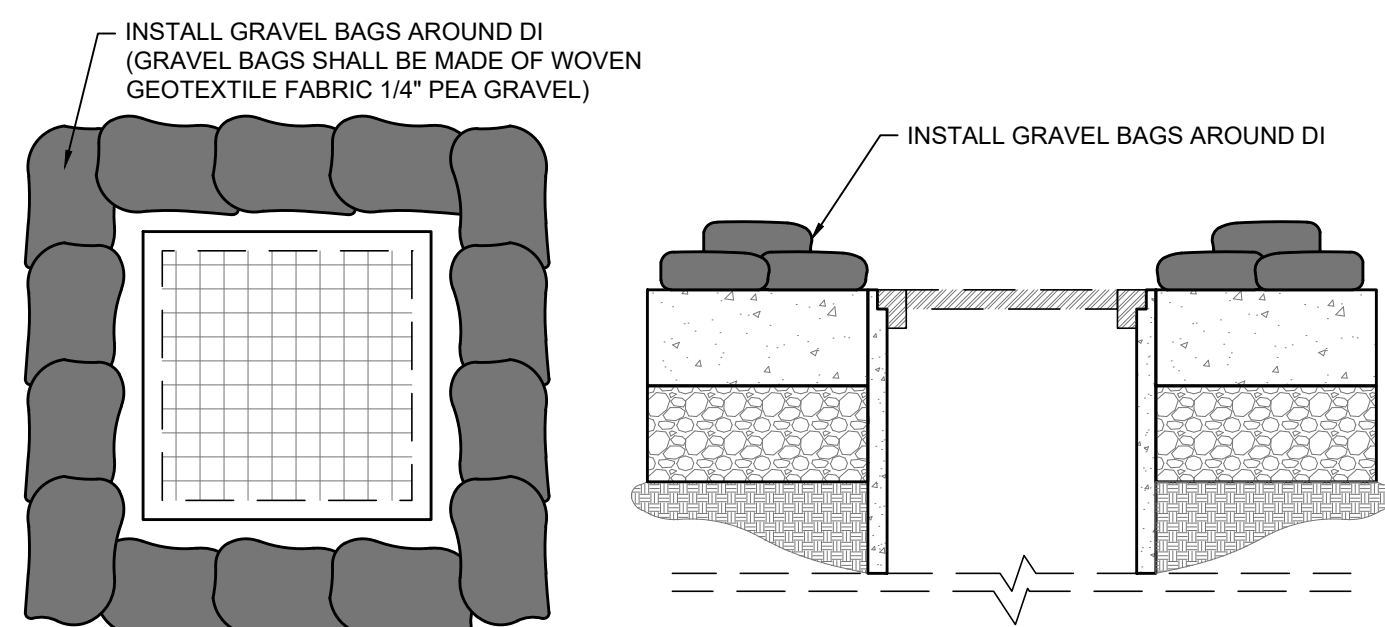


STORM DRAIN INLET FILTER BAG

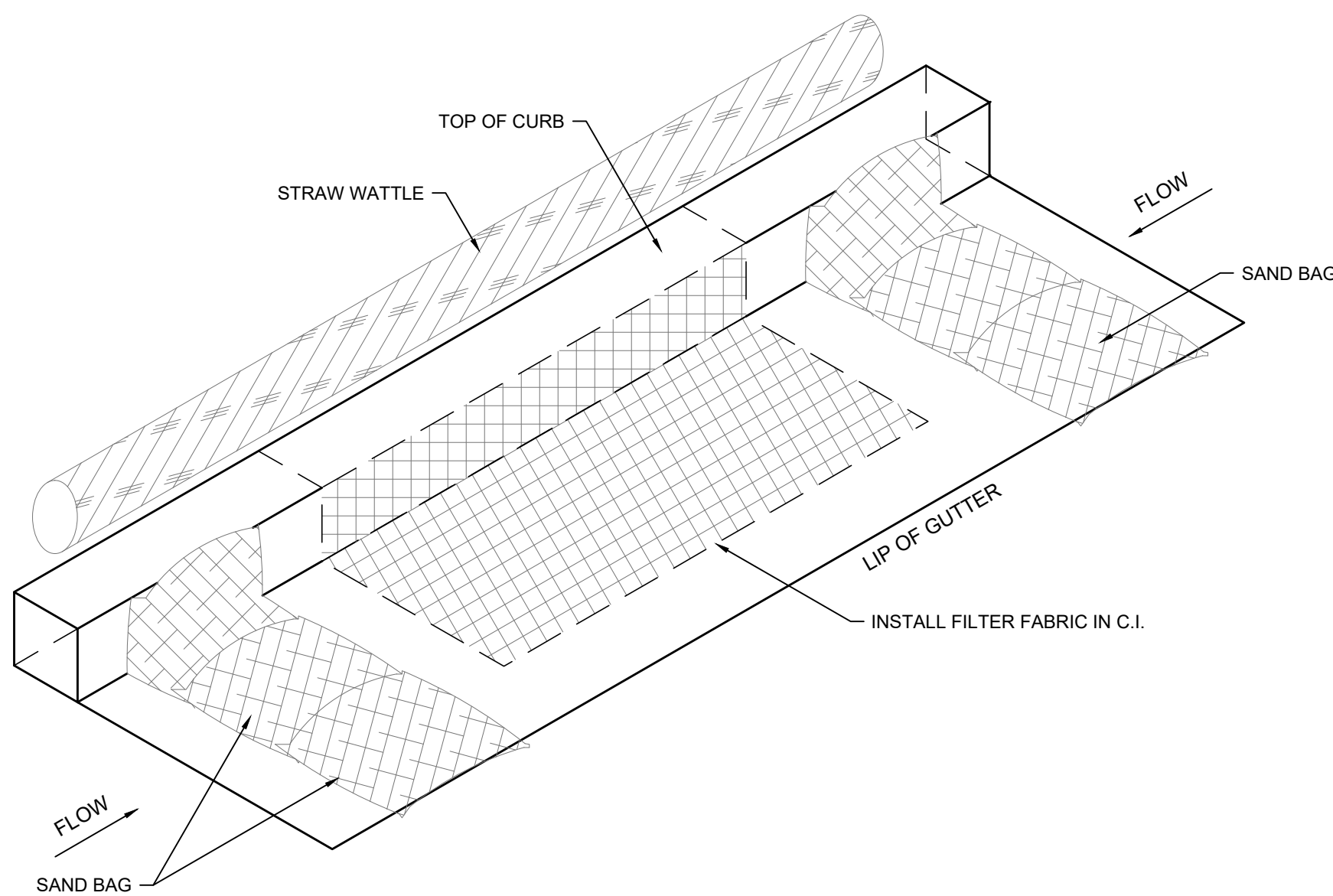
- GRAVEL BAGS SHALL BE WOVEN GEOTEXTILE FABRIC
- CONSTRUCT ON GENTLY SLOPING STREETS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE OUT OF SUSPENSION.
- LEAVE A GAP OF ONE BAG IN THE MIDDLE OF THE TOP ROW OF BAGS TO SERVE AS THE SPILLWAY. SPILLWAY HEIGHT SHALL BE LOWER THAN CURB HEIGHT & SUFFICIENT IN SIZE TO PASS FLOWS FROM SEVERE STORM EVENT.
- PLACE 2 LAYERS OF GRAVEL BAGS OVER LAPPING BAGS AND PACK THEM TIGHTLY TOGETHER TO MINIMIZE THE SPACE BETWEEN BAGS. FILL BAG WITH 1/4" PEA GRAVEL.
- INSPECT & REPAIR FILTERS AFTER EA. STORM EVENT. REMOVE SEDIMENT WHEN 1/2 OF THE FILTER DEPTH HAS BEEN FILLED. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA TRIBUTARY TO A SEDIMENT BASIN OR OTHER FILTERING MEASURE.
- SEDIMENT & GRAVEL SHALL BE IMMEDIATELY REMOVED FROM TRAVELED WAY OF ROAD.
- GRAVEL BAG INLET PROTECTION ON ROADS OPEN TO PUBLIC WILL REQUIRE DELINEATION DEVICES TO ALERT MOTORISTS, BICYCLISTS AND PEDESTRIANS. THE USE OF SUCH DEVICES SHALL BE SUBJECT TO THE RESIDENT ENGINEERS APPROVAL.



A STORM DRAIN CURB INLET FILTER BAG DETAIL
NOT TO SCALE



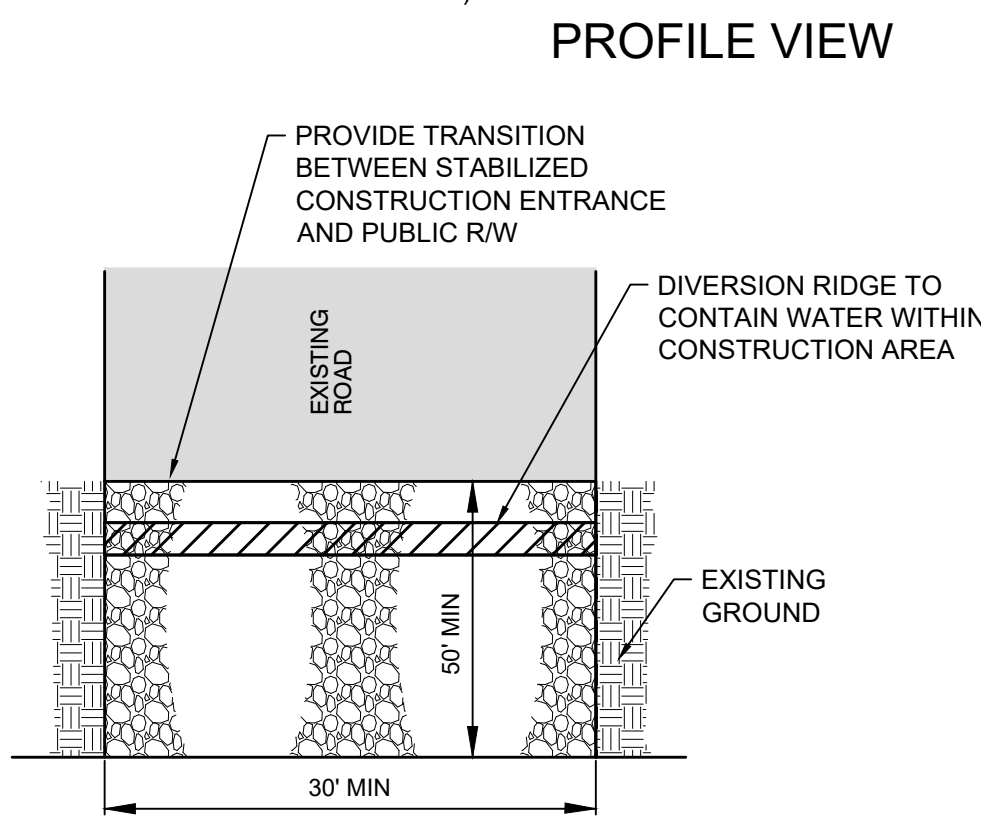
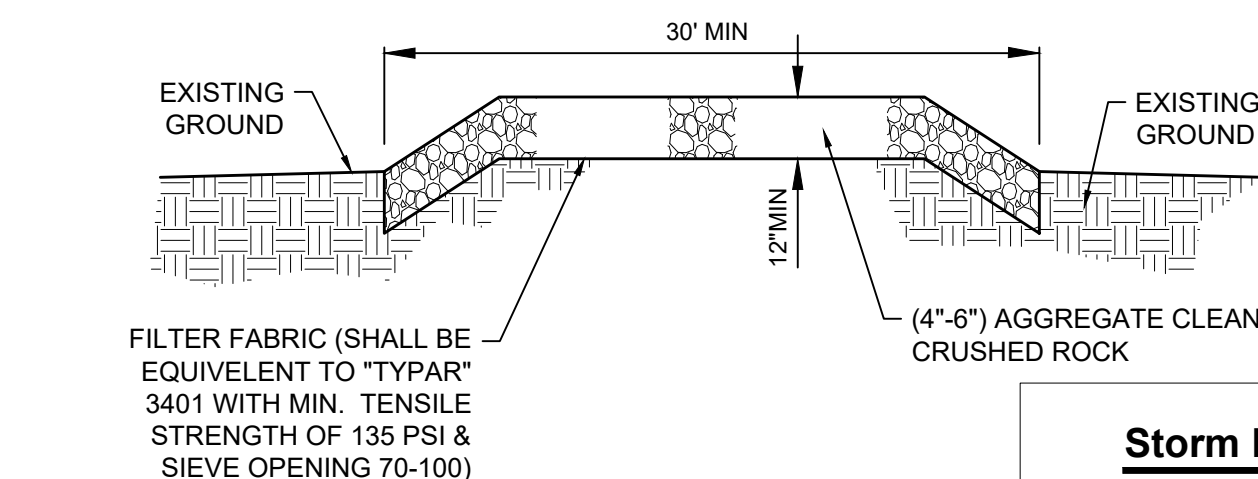
B STORM DRAIN INLET FILTER BAG DETAIL
NOT TO SCALE



C EXISTING CURB INLET FILTER DETAIL
NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE

- THE MATERIAL FOR CONSTRUCTION OF THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE 4 TO 6 INCH STONE.
- THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 12 INCHES.
- THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS, OR 30' MIN.
- THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 50 FEET.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP, OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF SANDBAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHODS.
- CONTRACTOR TO REMOVE AND DISPOSE OF STABILIZED CONSTRUCTION ENTRANCE UPON COMPLETION OF CONSTRUCTION.

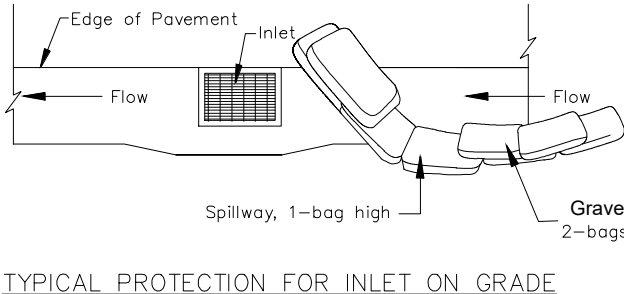
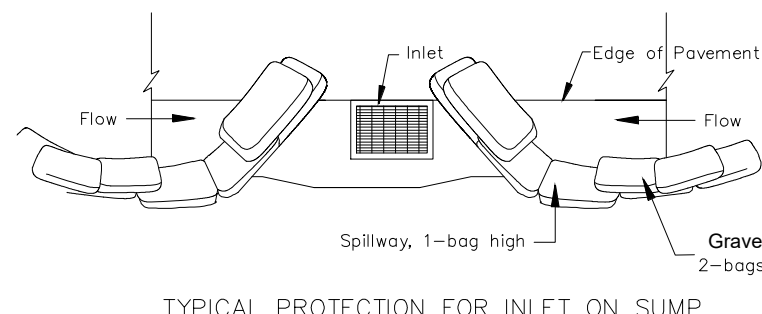


1 STABILIZE CONSTRUCTION ENTRANCE
NOT TO SCALE

GENERAL NOTES:

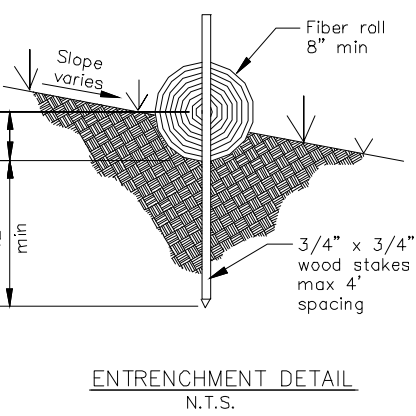
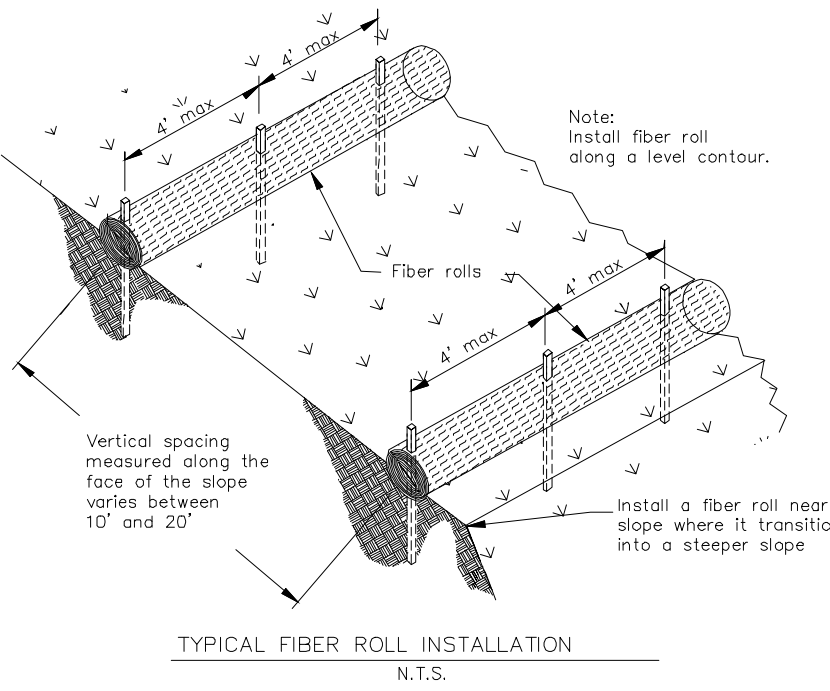
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE EFFECTIVE FOR THE DURATION OF THE CONSTRUCTION ACTIVITY.
- NO STORM RUNOFF WATER SHALL BE ALLOWED TO DRAIN DIRECTLY INTO THE EXISTING UNDERGROUND STORM SYSTEM BEFORE THE ON-SITE STORM DRAIN SYSTEM, LANDSCAPE, AND PAVING IS INSTALLED AND COMPLETED.
- AS SOON AS IS PRACTICAL AFTER THE NEW ON-SITE STORM DRAIN SYSTEM IS INSTALLED, THE CATCH BASINS SHALL BE INSTALLED AND GRAVEL BAGS AND SCREENS SHALL BE PLACED AROUND THE CATCH BASINS. AS SHOWN, THE CONTRACTOR SHALL HAVE AN OPTION TO INSTALL PREFABRICATED STEEL FRAMES WITH FILTER SCREEN OF FILTER FABRIC ATTACHED TO THE FRONT OF THE DRAIN INLET AND EXTEND 12 INCHES (12") ON EACH SIDE OF THE DRAIN INLET OPENING. FRAME SHALL BE APPROVED BY THE CITY ENGINEER AND SHALL FIT THE OPENING WITH LESS THAN ONE-QUARTER INCH (1/4") GAP AT ANY ONE POINT.
- THE NAME, ADDRESS AND 24-HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE PROVIDED.
- A MINIMUM OF 50' OF DRAIN ROCK, 4" TO 6" DIAMETER, AT A MINIMUM DEPTH OF 12", SHALL BE INSTALLED AT EACH DRIVEWAY ENTRANCE TO THE SITE. THIS DOES NOT NEED TO BE DONE AT DRIVEWAYS, WHICH WILL BE CLOSED BY IMMOVABLE BARRICADES DURING CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS, BUT ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE CITY ENGINEER.
- ALL SIDEWALK AND PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF FROM ENTERING ANY STORM DRAINAGE SYSTEM.
- THE EROSION AND SEDIMENTATION CONTROL PLAN COVERS ONLY THE FIRST WINTER DURING WHICH CONSTRUCTION IS TO TAKE PLACE. PLAN AMENDMENTS SHALL BE PREPARED BY THE PROJECT QSD AS DEEMED NECESSARY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH WORK DAY.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAN OUT SEDIMENT BASINS WHENEVER THE LEVEL OF SEDIMENT REACHES THE MANUFACTURERS SEDIMENT CLEAN OUT LEVEL.
- IT IS THE RESPONSIBILITIES OF THE CONTRACTOR TO PROTECT TEMPORARY BORROW AREAS AND/OR STOCKPILES WITH APPROPRIATE EROSION CONTROL MEASURES.
- THE CLEANING OF PAVED STREETS, DURING AND AT THE COMPLETION OF CONSTRUCTION, SHALL BE PERFORMED WITH MECHANICAL SWEEPERS. THE USE OF WATER TRUCKS TO "WASH DOWN" THE STREET IS PROHIBITED.
- THE FOLLOWING PLANS ARE ACCURATE FOR EROSION CONTROL PURPOSES ONLY.
- THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO COMPLY WITH THE REQUIREMENTS OF THE STATE WATER RESOURCES CONTROL BOARD. FIELD CONDITIONS MAY NECESSITATE MODIFICATIONS TO THIS PLAN.
- NO ON-SITE FUELING SHALL TAKE PLACE.
- ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES MAY BE REQUIRED, OR LOCATIONS MAY BE CHANGED, AS DETERMINED BY PROJECT CONSTRUCTION STAFF.
- ANY CHANGES TO THE PROJECT SWPPP SHALL BE APPROVED BY THE PROJECT QSD PRIOR TO BEING IMPLEMENTED.

Storm Drain Inlet Protection SE-10



- NOTES:
- Intended for short-term use.
 - Use to inhibit non-storm water flow.
 - Allow for proper maintenance and cleanup.
 - Bags must be removed after adjacent operation is completed.
 - Not applicable in areas with high silt and slope without filter fabric.
 - Protection can be effective even if it is not immediately adjacent to the inlet provided that the inlet is protected from potential sources of pollution.

Fiber Rolls SE-5



CONCRETE WASTE MANAGEMENT NOTES

CONCRETE SLURRY WASTES

- PCC AND AC WASTE SHALL NOT BE ALLOWED TO ENTER STORM DRAINS OR WATERCOURSES.
- PCC AND AC WASTE SHALL BE COLLECTED AND DISPOSED OF IN A TEMPORARY CONCRETE WASHOUT FACILITY.
- A SIGN SHALL BE INSTALLED ADJACENT TO EACH TEMPORARY CONCRETE WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
- DO NOT ALLOW SLURRY RESIDUE FROM WET CORING OR SAW-CUTTING AC OR PCC TO ENTER STORM DRAINS OR RECEIVING WATERS.
- VACUUM SLURRY RESIDUE AND DISPOSE IN A TEMPORARY PIT AND ALLOW SLURRY TO DRY. DISPOSE OF DRY SLURRY RESIDUE IN ACCORDANCE WITH BMP WM-5.
- COLLECT RESIDUE FROM GROOVING AND GRINDING OPERATIONS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 42-1.02 AND 42-2.02, "CONSTRUCTION."

ON-SITE TEMPORARY CONCRETE WASHOUT FACILITY, TRANSIT TRUCK WASHOUT PROCEDURES

- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE LOCATED A MINIMUM OF 50 FT FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES, AND WATERCOURSES, UNLESS DETERMINED UNFEASIBLE BY THE ENGINEER. EACH FACILITY SHALL BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING.
- A SIGN SHALL BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED ABOVE GRADE. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
- TEMPORARY WASHOUT FACILITIES SHALL HAVE A TEMPORARY PIT OR BERMED AREAS OF SUFFICIENT VOLUME TO COMPLETELY CONTAIN ALL LIQUID AND WASTE CONCRETE MATERIALS GENERATED DURING WASHOUT PROCEDURES.
- PERFORM WASHOUT OF CONCRETE TRUCKS IN DESIGNATED AREAS ONLY.
- ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHALL BE BROKEN UP, REMOVED, AND DISPOSED. DISPOSE OF HARDENED CONCRETE ON A REGULAR BASIS.

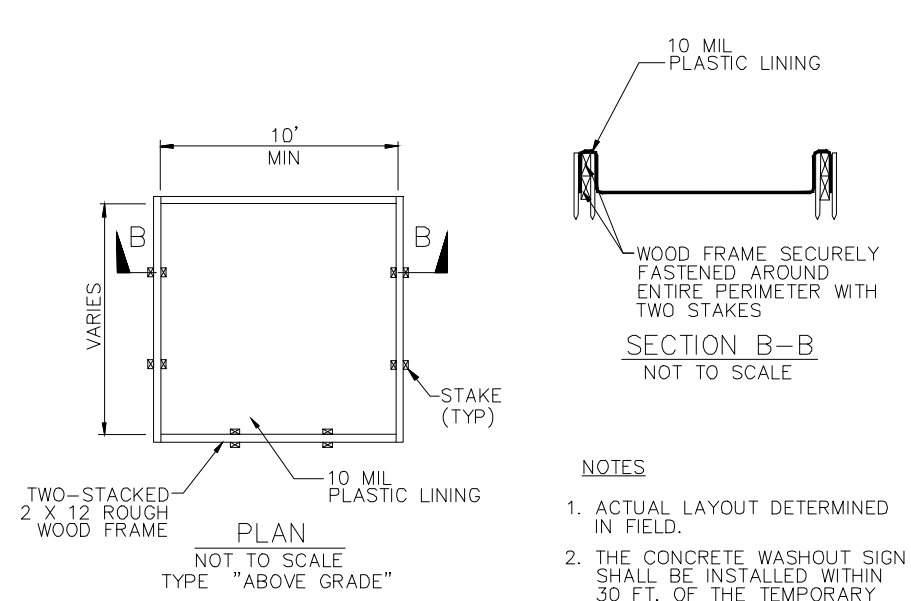
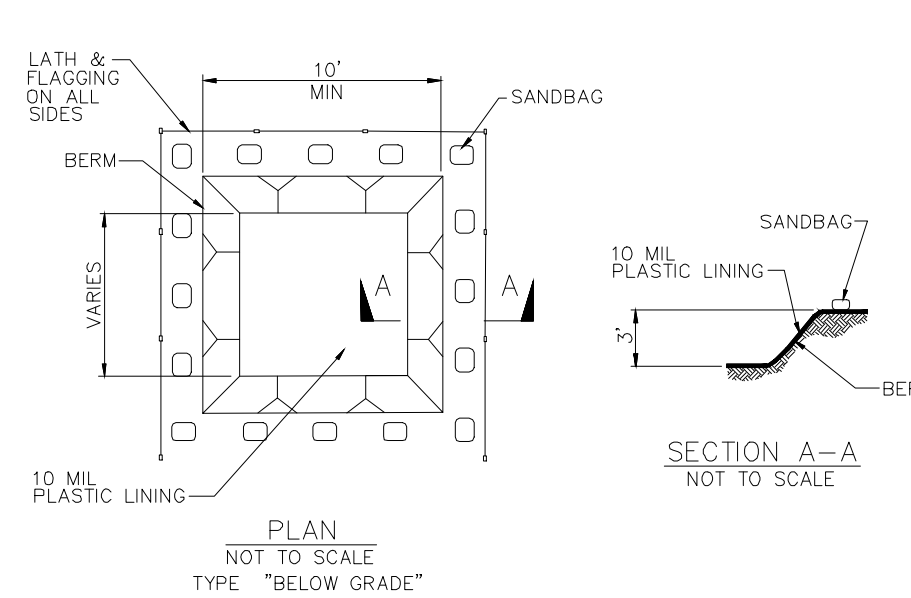
TEMPORARY CONCRETE WASHOUT FACILITY (TYPE ABOVE GRADE)

- TEMPORARY CONCRETE WASHOUT FACILITY (TYPE ABOVE GRADE) SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS, WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FEET, BUT WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. THE LENGTH AND WIDTH OF A FACILITY MAY BE INCREASED, AT THE CONTRACTOR'S EXPENSE, UPON APPROVAL OF THE ENGINEER.
- PLASTIC LINING MATERIAL SHALL BE A MINIMUM OF 60 ML POLYETHYLENE SHEETING AND SHALL BE FREE OF HOLES, TEARS OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

REMOVAL OF TEMPORARY CONCRETE WASHOUT FACILITIES

- WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, AS DETERMINED BY THE ENGINEER, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BECOME THE PROPERTY OF THE CONTRACTOR, SHALL BE REMOVED FROM THE SITE OF THE WORK, AND SHALL BE DISPOSED OF.
- HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE BACKFILLED AND REPAIRED IN CONFORMANCE WITH THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR'S WASTE POLLUTION CONTROL MANAGER (WPCM) SHALL MONITOR ON SITE CONCRETE WASTE STORAGE AND DISPOSAL PROCEDURES AT LEAST WEEKLY.
- THE WPCM SHALL MONITOR CONCRETE WORKING TASKS, SUCH AS SAW CUTTING, CORING, GRINDING AND GROOVING AT LEAST WEEKLY TO ENSURE PROPER METHODS ARE EMPLOYED.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM FREEBOARD OF 4" FOR ABOVE GRADE FACILITIES AND 12" FOR BELOW GRADE FACILITIES. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION. HARDENED CONCRETE MATERIALS SHALL BE REMOVED AND DISPOSED OF IN CONFORMANCE WITH THE PROVISIONS IN SECTION 15-3.02, "REMOVAL METHODS", OF THE STANDARD SPECIFICATIONS.
- EXISTING FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.

Concrete Waste Management WM-8



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IMPROVEMENT PLANS FOR SSJID:
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EROSION & SEDIMENT
CONTROL DETAILS

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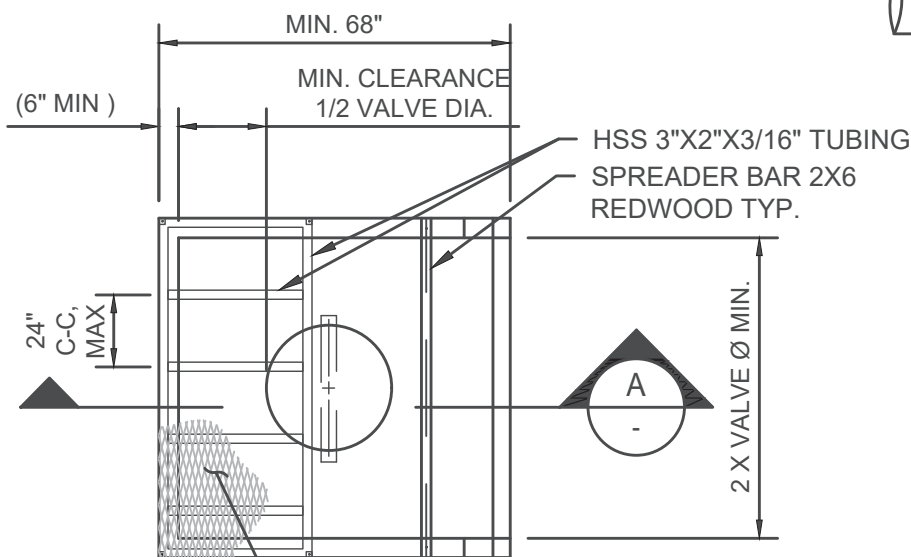
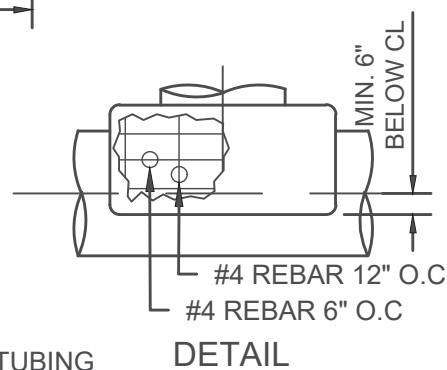
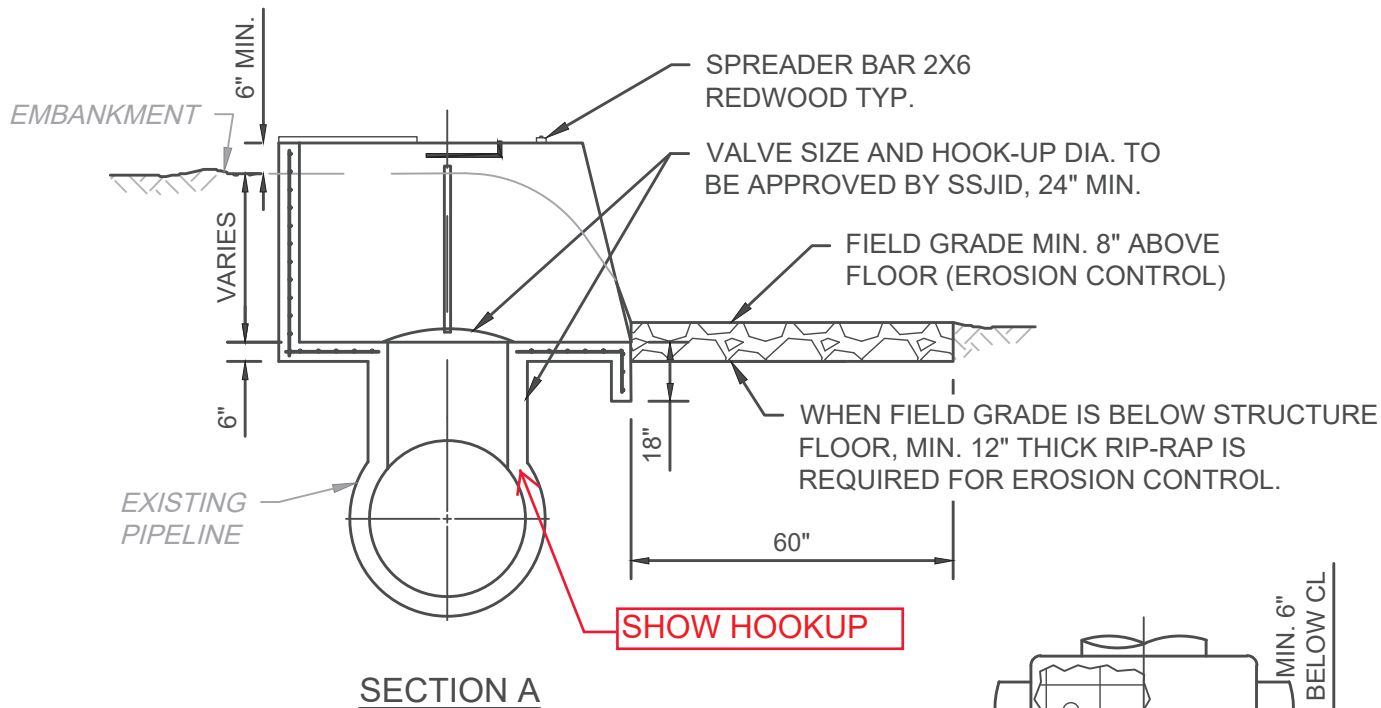
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CK. BY: MTS

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C17.0

OF 18 SHEET



4EA- 2"X2"X1/4" FB W/ 1/2"ØX4" TAPCON SCREW (TYP)

4.27# EXPANDED METAL GRATING SHALL BE INSTALLED SUCH THAT THE "LONG WIDTH DIRECTION" IS LAID PERPENDICULAR TO THE HSS SUPPORT MEMBERS AS SHOWN.

TOP VIEW

NOTES

1. CLASS "A" PORTLAND CONCRETE 3000PSI., MIN. 6" THICK.
2. #4 REBAR @ 12"X12" O.C. ALL WALLS AND FOOTINGS.
3. VALVE DIA. TO BE APPROVED BY S.S.J.I.D.
4. SMOOTH FINISH INTERIOR SURFACES WITH MORTAR.



SOUTH SAN JOAQUIN
IRRIGATION DISTRICT

**SOUTH SAN JOAQUIN
IRRIGATION DISTRICT**

APPROVED:

FORREST KILLINGSWORTH, PE

DATE:

IRRIGATION VALVE U STRUCTURE

SCALE: NOT TO SCALE

DATE: 2/14/2025

STANDARD DETAIL

3.16

1 OF 1

South San Joaquin Irrigation District

SSJID-25002 Lateral W190dd3dd to We Pipeline Connection Project

Mandatory Pre-Bid Meeting Agenda

Thursday October 2nd, 2025, 10:00 am

11011 E. Highway 120, Manteca, CA

Engineer's Estimate \$1,986,000.00

1) Introduction

- a. Chad Parsons PE, Associate Civil Engineer
- b. Dawn Driesen, Engineering Executive Assistant
- c. Shawn Ussery, District Facilities Inspector
- d. Barron Sweet, Irrigation Operations Manager
- e. Joe Hasten, Irrigation Services Supervisor

2) Project Overview

- a. All bids are to be submitted by **2:00 pm local time on Thursday, October 16th, 2025 at 11011 E. Highway 120, Manteca** where each bid will be read aloud. **Any bids to be submitted through the mail will need to be sent to the District's mailing address: PO Box 747 Ripon, CA 95366.**
- b. **The deadline for the submittal of questions will be Friday, October 10th, 2025, at 5:00 pm local time.**
- c. Contractor Scope (In General):
 - i. Removal and off-haul of approximately 169 lineal-feet of 30-inch to 48-inch cast-in-place pipe and concrete structures.
 - 1. Contractor has the option to coordinate with District Staff to off-haul and stockpile any demolished non-reinforced concrete to the District's material yard at 17490 E. River Rd. Ripon, CA.
 - ii. Installation of approximately 3,010 lineal feet of 48-inch RGRCP.
 - iii. Concrete Control Boxes (3ea) & "U" Flood Structures (2ea)
 - 1. Waterman gates, ladders, grating, and railings be furnished and installed by the District.
 - iv. Force Account - For miscellaneous irrigation work required and directed by the District (up to \$15,000).
 - v. Generated Spoils – Any extra spoils are to be taken to the Hoff Property located at (APN#226-130-03)
 - vi. SWPPP – Contractor to monitor and report SWPPP requirements for project. A SWPPP plan and application has been submitted to SWRCB (WDID: 5S39C409574).



- vii. SJCO Encroachment Permit (PW#2503307) – To assist with timing, an encroachment permit application, project plans, and standard traffic control plans have been submitted to SJCO. Further information is needed from the awarded contractor to provide a closure and detour plan to proceed if needed. Contractor is responsible to provide information, pay the required fee's and execute the required items of the permit. Also, Contractor is responsible for any compaction testing required for the permit.

- 3) Bid Requirements (To be submitted):
 - a. Document 00201 – Bid Forms (Pg. 10-17)
 - b. Document 00202 – Bid Bond (Pg. 18-19)

- 4) Contract Documents, Plans, & Specifications
 - a. Work is to be completed by February 1, 2025. \$1,000/ Day liquidated damages.
 - b. Project award is anticipated to be on October 28th, 2024, District Board Meeting.
 - c. Contract Documents:
 - i. Contract
 - ii. Faithfull Performance Bond
 - iii. Payment Bond
 - iv. Worker's Compensation Insurance Certificate
 - v. Liability Insurance
 - vi. Contractor Safety Agreement
 - d. Special Provisions
 - e. General Construction Notes
 - f. Summary of Work and Special Considerations
 - i. Surveying and Construction Staking responsibility of contractor
 - ii. Construction water for the project can be provided by the District's wells in the area.
 - g. Construction Plans (Appendix A) (18 sheets):
 - h. SJCO Utility Encroachment Application (Appendix B)
 - i. SWPPP (Appendix C)
 - j. Addendums

- 5) Onsite Visit
 - a. Lateral W at W7 Box (East Manteca Rd. & south of Veritas Rd.)
 - b. Lateral We (East Manteca Rd. & south of Veritas Rd.)

South San Joaquin Irrigation District

Pre-Bid Meeting Attendance Sheet

Project Name: Lateral "W-190dd" to "We" Connection Pipeline

October 2nd, 2025
Date: ~~October 1, 2025~~

Name	Representing	Email	Telephone Number
ROBERT LEWIS	PRO BUILDERS	SEBASTIAN@SACPROBUILDERS.COM	916 225 0373
MIKE WHEELER	WEST VALLEY	mwheeler@wvcc.com	209-983-7286
Tom Verduzco	ROLFE CONSTRUCTION	nathan@rdfeconstruction.biz	209 358-5548
JOHN MORROW	TBS CONTRACTORS	ESTIMATING@TAYLORBACKHOE.COM	209-384-0924
Vick Knight	Soracco, Inc.	estimating@soraccoinc.com	209-267-4030
Andrew Njirid	Njirid & Sons	drew@njiridandsons.com	209 338 4711
Haley Kjos	Mozingo Construction	sbaker@mozingoconstruction.com	209-848-0160
Chuck Johnson	CUE Demolition	chuckj@cuecorp.com	209 871 6247
Steven Dooley	McGuire & Hester	sacestimating@mcguireandhester.com	530-379-3236
Tommy Gatti	Mountain Cascade Inc	estimating@mountaincascadex.com	925-373-8370
Tate Bock	Sinclair Construction	tbock@sinclairconstructioninc.com	209-493-7419
Daniel Ramirez	Marques General Eng	Bids@mgc-ca.com	530-788-3774
Marc Ney	Teichert Construction	mney@teichert.com	209-616-9033
GEORGE GIL	PLATINUM PIPELINE	george@platinumpipeline.com	209-417-7509

<u>Name</u>	<u>Representing</u>	<u>Email</u>	<u>Telephone #</u>
MARK McEARNLEY	TOM MAGEE CONST.	MARKETON@YO.NET	209-943-6246
Ryan Summers	Marques General Eng	Bids@mge-ca.com	530-218-6086
AARON ALVARADO	KNIFE RIVER CONST	aaron.alvarado@kniferiver.com	209 602 2003
JONATHAN YOUNG	P. A. WOOD CONSTRUCTION	estimating@dawoodinc.com	209 209 491 4970