

STAFF

Steve Schwabauer, General Manager
Jennifer Spaletta - General Counsel
Roger Masuda - Special Counsel
Shasta Burns - Deputy Secretary
Daniel de Graaf - District Engineer
Robert Granberg – Grants Administrator

BOARD OF DIRECTORS

President - Joe Valente
Vice President – Jason Colombini
Secretary - David Simpson
Treasurer - Charles Starr II
Director – Brady Colburn

**NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
NOTICE OF MEETING AND PUBLIC HEARING AND AGENDA FOR
REGULAR MEETING OF THE BOARD OF DIRECTORS**

**Monday, September 30, 2024
2:00 p.m.
Lodi Grape Festival Grounds- Barrel Room
413 E. Lockeford St, Lodi CA 95240**

The agenda and all noted documentation may be viewed and downloaded at www.nsjgroundwater.org . Requests to receive the agenda and documentation by e-mail may be submitted in writing to the Secretary of the Board. The NSJWCD printed agendas are posted at the District’s location of business at: 498 E. Kettleman Lane, Lodi. The District’s mailing address is: PO Box 334, Victor CA 95253.

NOTICE: Members of the public may address the Board of Directors concerning any agenda item during the Board’s consideration of that item. The public may address non-agenda items at the end of the regular meeting. No action will be taken on those items; however, the Board may agendaize items for future consideration.

- 1. Call to Order - Roll Call - Acceptance of Agenda**
- 2. Correspondence/Announcements**
- 3. Action Items**

Any and all of the following agenda items are subject to action being taken by the Board of Directors by motion, resolution or ordinance.

Action items may be added to the agenda upon determination by a majority vote of the Board that an emergency exists, as defined by state law, or by a 2/3 vote of the Board that (1) there is a need to take immediate action; and (2) that the need for action came to the District’s attention after the agenda was posted.

A. CONSENT CALENDAR

- 1. Approval of the Minutes for the Regular Scheduled Board Meeting on August 26, 2024 (*attachment 1*). *pages 4-7*

B. FINANCIAL

- 1. Receive and Approve August 2024 NSJWCD Monthly Treasurer’s Report and Summary of Accounts and Transfers (*attachment 2*) *pages 8-10*
- 2. Approve Payment of Bills (*attachment 3*) *pages 11-12*

C. CONTRACTS

- 1. Appointment of NSJWCD Board member as Eastern Water Authority (EWA) Alternate (voting)
- 2. Appointment of NSJWCD staff as EWA staff Alternate (non-voting)

3. Direction to Staff Whether to Revert to Design Build Option to Allow District Engineer to Consult with Contractor During Design Phase for the Permanent North Pump Station
4. Provide Update to Board Regarding EBMUD FERC Relicensing
5. Authorize General Manager to Enter Change Order to North System Phase 1b Contract on a Time and Materials Basis to Install North the FDRE Funded Second Temporary North Pump and Fish Screen
6. Authorize Staff to Bid Tecklenberg Lateral Replacement – South System Phase 3b (*attachment 4*) *pages 13-86*
7. Approval of Arnaudo Construction change orders for the Dream Project, South System Phase II Project and the North System Phase 1B Project (*attachment 5*) *pages 87-90*

D. SYSTEM AND PROJECTS

1. Engineer's Report and Operations Plan (*attachment 6*) *pages 91-92*
2. North System
3. South System
4. Cal-Fed/Woodbridge
5. Tracy Lake ID

DI. 2025 Groundwater Sustainability update

DII. Grant Activity

1. Authorize Staff to Provide Letters of Support for Fellow GSP Agency WaterSMART Grant Applications (*attachment 7*) *n page 93*
2. Consero report (*attachment 8*) *pagesa 94-96*
3. SWEEP Block Grant Discussion

DIII. Strategic Plan Activity

DIV. Groundwater Charge

DV. Sustainable Groundwater Management Act/ GWA Activity

1. Demand Management Element of GSP
2. Schedule for adoption of 2025 Update

DVI. SJC Mokelumne River Application Update

DVII. Bay Delta Flow Program Update/Voluntary Agreements

DVIII. Landowner communications

DIX. Board Planning Calendar

4. Director and Staff Reports

A. Directors Reports

- a. Discuss progress on Director Colburn's riparian rights expansion concept.
- b. Discuss and get direction on Director Colombini's low interest loan concept for surface water conversion projects.

B. Committee Reports

C. Other

5. Public Comment on Items Not on the Agenda

Interested persons in the audience are welcome to introduce any topic within the jurisdiction of the NSJWCD Board. The time allowed for each speaker for comments made by the public is limited to 3 minutes. Matters presented under this agenda item may be discussed, but no action can be taken by the Board at this meeting except as follows:

- Briefly respond to statements made or questions raised.
- Ask a question for clarification.
- Provide a reference to staff or other resources for factual information.
- Request staff to report back at a subsequent meeting.
- An individual Board member or the Board itself may have the matter placed on a future agenda.

6. Closed Session – 4 items

Closed Session pursuant to Section 54956.9(a) Existing Litigation
CONFERENCE WITH LEGAL COUNSEL – *California Sportfishing Protection Alliance v. Eastern San Joaquin Groundwater Authority, et al., Stanislaus County Superior Court, Case No. CV-20-001720*

Closed Session pursuant to Section 54956.9(a) Anticipated Litigation – two cases Bay Delta/Flow Proceeding, and one case where facts shall not be disclosed because they are unknown to potential litigants

Closed Session pursuant to Government Code Section 54956.8 Real Property Negotiations– North System Easements and Leases – Negotiators are General Counsel Jennifer Spaletta and General Manager Steve Schwabauer

Return to Open Session

All reportable actions taken in closed session will be announced in open session following the closed session and will be duly noted in the official minutes of the meeting.

7. Motion to Adjourn

Next Regular Meeting September 30, 2024 from 2:00 PM- 4:00 PM

Lodi Grape Festival Grounds- Barrel Room

413 E. Lockeford St, Lodi CA 95240

Action may be taken on any item

Agendas and Minutes may also be found at [http:// www.NSJGroundwater.org](http://www.NSJGroundwater.org)

Note: If you need disability-related modification or accommodation in order to participate in this meeting, please contact North San Joaquin Water Conservation District Staff at (209) 712-1693 at least 48 hours prior to the start of the meeting

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
REGULAR MEETING AND CONCURRENT SPECIAL MEETING
OF THE BOARD OF DIRECTORS

Lodi Grape Festival Grounds – Barrel Room
413 E. Lockeford Street, Lodi, CA

Monday, August 26, 2024

REGULAR MEETING

1. **Call to Order - Roll Call - Acceptance of Agenda** - The meeting was called to order by President Valente at 2:00 p.m. A motion for the acceptance of the Agenda as explained, made by Secretary Simpson, second by Treasurer Starr. Motion passed unanimously 5/0/0.

President Joe Valente - Area 3
Vice President Jason Colombini - Area 2
Secretary David Simpson – Area 1
Treasurer Charles Starr – Area 4
Director Brady Colburn – Area 5

General Counsel Jennifer Spaletta
Special Counsel Roger Masuda - Absent
Daniel deGraaf – District Engineer
Deputy Secretary – Shasta Burns
General Manager – Steve Schwabauer

2. **Correspondence/Announcements** – All directors received an invitation to the EBMUD annual BBQ that will be held on October 4, 2024 at Pardee Reservoir.
3. **Action Items** Note: Votes recorded as: For/Against/Abstention (name)

A. CONSENT CALENDAR

1. Approval of the Minutes of the Regular Scheduled Board meeting on July 29, 2024. A motion to approve the Minutes for the meeting of the Regular Scheduled Board Meeting on July 29, 2024, made by Vice President Colombini, second by Director Colburn. Motion passed 5/0/0.

B. FINANCIAL MATTERS

1. Receive and approve August 2024 NSJWCD Monthly Treasurer’s Report and Summary of Accounts and Transfers presented to the board. Perla from Butterfield + Company prepared financial statements for Board action. A motion to approve August 2024 NSJWCD Monthly Treasurer’s Report, made by Vice President Colombini, second by Treasurer Starr. Motion passed 5/0/0.

2. Approve Payment of Bills. A motion to approve payment of bills listed in the Board meeting packet, made by Vice President Colombini, second by Secretary Simpson. Motion passed 5/0/0.

3. Update on Groundwater Appeals Processing and Roll – Roll has been filed with the County and accepted and being processed at this time.

4. Adopt **Resolution 2024-10-** Authorizing and directing that application be made to obtain a grant under the United States Bureau of Reclamation WaterSMART Drought Response Grant Program and authorization to provide assurances and enter into an agreement related to the grant for the South System Improvement Project. A motion to approve **Resolution 2024-10-** Authorizing and directing that application be made to obtain a grant under the United States Bureau of Reclamation WaterSMART Drought Response Grant Program and authorization to provide assurances and enter into an agreement related to the grant for the South System Improvement Project made by Treasurer Starr, second by Director Colburn. Roll Call Vote: Simpson, Aye, Colburn; Aye, Starr; Aye, Colombini; Aye, Valente; Aye. Motion passed 5/0/0.

C. System and Projects

1. Authorize Arnaudo Change Order for South System Repairs, North System Phase 1b adjustments and final DREAM punch list items – A motion to approve the contract change orders for DREAM Project, South System II project, and North System Phase 1B project made by Director Colburn, second by Vice President Colombini. Motion passed 5/0/0
2. Authorize General Manager to enter First Amendment to Ground Lease for Groundwater Recharge Project with John and Helen Lakso for Tretheway Road Property – A motion to authorize General manager to enter into first amendment to Ground lease Groundwater Recharge Project with John and Helen Lakso for Tretheway Road Property made by Secretary Simpson, second by Director Starr. Motion passed 5/0/0

CI. SYSTEM AND PROJECTS

1. Engineer's Report and Operations Plan. District Engineer deGraaf gave an overview of where the district stands on each project. Report was presented at the start of the Board meeting and is available upon request.
2. North System- Conceptual plans have been completed and we will be coordinating this week with District staff and consultants to review and develop a submittal strategy for permitting and agency review. Lakso and Reynolds recharge projects are currently shut down as we await PG&E to hook up power. The PG&E installation is planned for September 16, 2024.
3. South System – Operation of the South system has been ongoing, diverting approximately 10 CFS up until last week where flows were reduced to about 6 CFS for recharge at the Tecklenburg basin and irrigation deliveries along the south system. Construction of the South System Phase II project is nearing completion.
4. Cal-Fed Woodbridge – No update at this time
5. Tracy lake ID –Operations have been ongoing as needed to maintain the

lake levels for irrigation.

CII. Grant Activity

1. Update on District funding requests and grant opportunities. Staff report in the board meeting packet.

2. SWEEP Block Grant Discussion – General Manager Schwabauer reviewed awards the district has received from USDA.

CIII. Strategic Plan Activity – No update at this time

CIV. Groundwater Charge- No update at this time.

CV. Sustainable Groundwater Management Act/GWA Activity –

1. Demand Management Element of GSP – Direct staff to review and comment on draft Amended GSP SGMA requires that our subbasin update its Groundwater Sustainability Plan every 5 years. The 5-year update is due January 2025. Staff must review and comment on the entire amended GSP the first two weeks of September. Timeline listed and reviewed in the board meeting packet.

2. Schedule for adoption of 2025 Update- General Counsel Spaletta reviewed staff report in the board meeting packet with details on the program that needs to be implemented by the end of 2028.

CVI. SJC Mokelumne River Application Update – Meeting will be held in September.

CVII. Bay Delta Flow Program Update/Voluntary Agreements – No update at this time.

CVIII. Landowner Communications – No further update.

CIX. Board Planning Calendar

1. Election update- All three NSJWCD Director positions running unopposed.

4. Director and Staff Reports

A. Director’s Report – No report at this time.

B. Committee Reports – No reports at this time.

C. Other – No reports at this time.

5. Public Comment – Woodbridge Irrigation District provided operational updates.

6. Closed Session – The Board entered closed session at 3:45 p.m. and came out of closed session at 4:16 p.m. **Return to Open Session** – President Valente returned the meeting to open session and announced there was no reportable action and commented staff was given lease negotiating authority on Lakso property.

7. Adjournment - Motion to adjourn the NSJWCD Regular Meeting on August 26, 2024 made by Vice President Colombini, second by Treasurer Starr. Motion passed 5/0/0. Meeting adjourned at 4:19 p.m.

The next regular scheduled Board Meeting September 30, 2024, from 2:00 p.m. - 4:00 p.m.

The above minutes of the North San Joaquin Water Conservation District Board of Directors Meeting of August 26, 2024,

Respectfully submitted:

Deputy Secretary- Shasta Burns

**North San Joaquin Water Conservation District
Treasurer's Report
September 2024 – Monthly Summary of Accounts
As of September 30, 2024**

The chart below is a summary of account information including account balances and transactions since the last scheduled Board meeting (August 2024). The attached reports are prepared by Butterfield + Co., CPAs, Inc. for the month of September 2024. Additional attachments that follow include accounts payable, recommendations for bill payments and transfers as noted herein.

NSJWCD Accounts Summary - August 26, 2024	Beg Balance as of 8/26/24 with approved transfers	Transfer authorized after last meeting	Payments after last meeting	Authorized Checks (See Note #1)	Revenue Received after last meeting	Current Balance September 24, 2024	Proposed bills to be paid today	Ending balance September 30, 2024
F&M Checking	583,150.71	(3,500.00)	(46,237.03)	(92,299.37)	-	441,114.31	(188,847.47)	252,266.84
County GW Fund	(236,109.39)		(806.40)		-	(236,915.79)	-	(236,915.79)
County Account Fund	10,795.28		-		8,515.18	19,310.46	-	19,310.46
ID#3	97,129.19		2,767.12		222.59	100,118.90	-	100,118.90
Tracy Lake O&M	14,836.20	3,500.00	(7,683.62)		-	10,652.58	-	10,652.58
Totals	\$ 469,801.99	\$ -	\$ (51,959.93)	\$ (92,299.37)	\$ 8,737.77	\$ 334,280.46	\$ (188,847.47)	\$ 145,432.99



	Payments after last meeting	Revenue Received after last meeting	Classes	Proposed bills to be paid today	
ACWA	(899.00)	Interest ID#3	General Exp	(24,758.91)	
Adobe	(287.88)	Property Taxes	GW Management	(16,547.86)	
AT&T	(232.88)		Planning Fund	(13,351.45)	
Dropbox	(11.99)		Operations Fund	(2,897.69)	
McAfee	(119.99)		NS Phase 1	(24,785.59)	
Microsoft	(48.00)		South System Phase 2	(96,623.74)	
Payroll	(20,355.87)		South System Phase 3	(9,882.23)	
PG&E	(22,727.09)				
State Compensation	(1,356.08)				
The Coloring Book	(166.27)			-	
Zoom	(31.98)			-	
Fee Tax Adm Charges	(806.40)			-	
Correction debit PG&E	2,767.12			-	
PGE TLID	(7,683.62)			-	
Total	\$ (51,959.93)	Total	\$ 8,737.77	Total	\$ (188,847.47)

1. SEE ATTACHMENT 1 - ACCOUNTS PAYABLE REPORT.

2. CURRENT PAYMENT RECOMMENDATIONS - SEE TABLE BELOW:

ACWA JPIA	\$ 7,181.03	Renewal 7/24-2025
Butterfield & Co	2,182.50	August Invoice
Baumbach & Pizza inc.	4,928.00	August Services
Consero Solutions	7,935.00	August Services
deGraaf Engineering	38,062.42	August Services
Grandberg & Associates	2,422.50	August Services
HydroFocus, Inc.	6,891.51	August Services
Joe Peterson	300.00	September Rent
Richard Rodriguez Farms	637.50	September Invoice
Shasta Burns	3,566.78	September Invoice
Sierra Controls, LLC	95,862.93	September Invoice
Spaletta Law PC	700.00	September Rent
Stoel Rives, LLP	12,498.85	August Services
Streamline	4,008.00	Website Renewal
Wagner & Bonsignore	1,670.45	August Services
Total payments recommended	\$ 188,847.47	

3. REMAINING ACCOUNTS PAYABLE – \$292,443.74

- a. \$217,147.14 - Retention due to Arnaudo Construction, Inc.
- b. \$ 400.00 – Baumbach & Pizza, Inc.
- c. \$ 74,896.60 – Pacific Southwest Irrigation.

4. WARRANTS PAYABLE

- a. \$499,988.17 – F&M Bank

5. ACCOUNTS RECEIVABLE – \$634,454.33

- a. \$ 527,107.80 - DWR – Prop 1.
- b. \$ 101,469.53 – San Joaquin County – Project 4 North System Improvement Component Phase 1 Period 10/01-12/31/23 – Reimbursements.
- c. \$ 5,877.00 – Bob Caffese.

Note

1) Checks authorized after August meeting - \$92,299.37:

- #10561 for \$ 2,969.25 paid to Shasta Burns for permit fee reimbursement.
- #10582 for \$ 1,849.25 paid to California Dept. of Fish and Wildlife for fees.
- #10583 for \$ 87,480.87 paid to Pacific Southwest Irrigation for work deposit quote #100667.
- #10599 for \$ 2,500 paid to Thomas Powell to replace check #10395 for easements.
- #10600 for \$ 2,500 paid to Jean Powell to replace check #10395 for easements.

North San Joaquin Water Conservation District
Unpaid Bills by Vendor

All Transactions

Type	Date	Num	Source Name	Memo	Account	Class	Open Balance
ACWA JPIA							
Bill	07/16/2024	Renewal 7/24-7/25	ACWA JPIA	Renewal 7/2024-2025	6135.1 · Liability	-G&A	7,181.03
Total ACWA JPIA							7,181.03
Arnaudo Construction, Inc.							
Bill	05/31/2023	RET- SS II App No. 1	Arnaudo Construct...	Progress Billing - (Retainage \$31,885.50)	6115.5 · Pipeline	Capital Outlay:South System Phase 2	31,300.50
Bill	05/31/2023	RET- SS II App No. 1	Arnaudo Construct...	Handel Lateral Junction Box	6115.5 · Pipeline	Capital Outlay:South System Phase 2	585.00
Bill	12/26/2023	RET-SS II- App No. 4	Arnaudo Construct...	48" RCP - (Retainage \$32,568.24)	6115.5 · Pipeline	Capital Outlay:South System Phase 2	30,603.00
Bill	12/26/2023	RET-SS II- App No. 4	Arnaudo Construct...	Miller Recharge Project	6205 · Repairs & Maintenance	-Groundwater Management	654.24
Bill	12/26/2023	RET-SS II- App No. 4	Arnaudo Construct...	Cleaning SS pump	6205 · Repairs & Maintenance	.Operations Fund:South System O&M	1,311.00
Bill	01/19/2024	RET NS 1B - App No1.	Arnaudo Construct...	42" Pipe - (Retainage \$10,550)	6115.5 · Pipeline	Capital Outlay:North System Phase 1	10,550.00
Bill	02/09/2024	RET NS 1B- App No. 2	Arnaudo Construct...	42" Pipe - (Retainage \$59,080)	6115.5 · Pipeline	Capital Outlay:North System Phase 1B	59,080.00
Bill	03/31/2024	RET NS 1B- App No. 3	Arnaudo Construct...	Pipe related work. (Retainage \$8,130)	6115.5 · Pipeline	Capital Outlay:North System Phase 1B	8,130.00
Bill	04/30/2024	RET SS II - App No.6	Arnaudo Construct...	SS Phase II - (Retainage \$4,842)	6115.5 · Pipeline	Capital Outlay:South System Phase 2	4,842.00
Bill	04/30/2024	RET NS 1B-App No. 4	Arnaudo Construct...	NS Phase 1b - (Retainage \$9,335)	6115.5 · Pipeline	Capital Outlay:North System Phase 1B	9,335.00
Bill	05/18/2024	Ret NS 1B - App No.5	Arnaudo Construct...	NS Phase 1b - (Retainage \$26,740)	6115.5 · Pipeline	Capital Outlay:North System Phase 1B	26,740.00
Bill	06/25/2024	Ret NS 1B - App #6	Arnaudo Construct...	NS Phase 1b - (Retainage \$34,016.40)	6115.5 · Pipeline	Capital Outlay:North System Phase 1B	34,016.40
Total Arnaudo Construction, Inc.							217,147.14
Baumbach & Pizza, Inc.							
Bill	08/05/2024	6919	Baumbach & Pizza...	Monument Preservation Acampo Rd	6180.4 · Engineering Expense	Capital Outlay:North System Phase 1	400.00
Bill	09/19/2024	6956	Baumbach & Pizza...	Monument Preservation Acampo Rd	6180.4 · Engineering Expense	Capital Outlay:North System Phase 1	4,928.00
Total Baumbach & Pizza, Inc.							5,328.00
Butterfield & Co.							
Bill	08/30/2024	106738	Butterfield & Co.	Accounting	6180.1 · Accounting	-G&A	2,182.50
Total Butterfield & Co.							2,182.50
Consero Solutions							
Bill	08/31/2024	2046	Consero Solutions	Grant Funding Development	6180.3 · Consulting	-Planning Fund	6,475.00
Bill	08/31/2024	2046	Consero Solutions	Other Duties	6180.3 · Consulting	-G&A	1,460.00
Total Consero Solutions							7,935.00
de Graaf Engineering, Inc.							
Bill	09/12/2024	1228	de Graaf Engineer...	General	6180.4 · Engineering Expense	-G&A	3,113.60
Bill	09/12/2024	1228	de Graaf Engineer...	SS	6180.4 · Engineering Expense	.Operations Fund:South System O&M	95.00
Bill	09/12/2024	1228	de Graaf Engineer...	SS II	6180.4 · Engineering Expense	Capital Outlay:South System Phase 2	912.00
Bill	09/12/2024	1228	de Graaf Engineer...	SS III	6180.4 · Engineering Expense	Capital Outlay:South System Phase 3	8,835.83
Bill	09/12/2024	1228	de Graaf Engineer...	NS	6180.4 · Engineering Expense	.Operations Fund:North System O&M	2,014.00
Bill	09/12/2024	1228	de Graaf Engineer...	NS	6180.4 · Engineering Expense	Capital Outlay:North System Phase 1	17,885.99
Bill	09/12/2024	1228	de Graaf Engineer...	Wide Revenue Source/Grant Funding	6180.4 · Engineering Expense	-Planning Fund	5,206.00
Total de Graaf Engineering, Inc.							38,062.42
Granberg & Associates							
Bill	09/03/2024	25	Granberg & Associ...	General	6180.7 · Project Management	-G&A	285.00
Bill	09/03/2024	25	Granberg & Associ...	SGMA Grant Adm	6180.7 · Project Management	-Groundwater Management	427.50
Bill	09/03/2024	25	Granberg & Associ...	NS - IRWM Grant Adm	6180.7 · Project Management	Capital Outlay:North System Phase 1	1,710.00
Total Granberg & Associates							2,422.50
HydroFocus, Inc							
Bill	08/19/2024	5658-24	HydroFocus, Inc	Hydrologist	6180.5 · Hydrologist	-Groundwater Management	2,185.13
Bill	09/18/2024	5658-25	HydroFocus, Inc	Hydrologist	6180.5 · Hydrologist	-Groundwater Management	4,706.38
Total HydroFocus, Inc							6,891.51
Joe Peterson							
Bill	09/16/2024	September Rent	Joe Peterson	September Rent	6142 · Lease Expense	-G&A	300.00
Total Joe Peterson							300.00
Pacific Southwest Irrigation							

North San Joaquin Water Conservation District Unpaid Bills by Vendor

Accrual Basis

All Transactions

Type	Date	Num	Source Name	Memo	Account	Class	Open Balance
Bill	09/05/2024	104271	Pacific Southwest ...	Pumping Station for 4000 GPM#2	6115.6 · Pump Station	Capital Outlay:North System Phase 1B	74,896.60
Total Pacific Southwest Irrigation							74,896.60
Richard Rodriguez Farms							
Bill	09/16/2024	0912	Richard Rodriguez...	Tecklenburg Project Labor Hours	6205 · Repairs & Maintenance	.Operations Fund:Recharge Project O&M	637.50
Total Richard Rodriguez Farms							637.50
Shasta Burns							
Bill	09/19/2024	218	Shasta Burns	September Invoice	6180.8 · Board Clerk	-G&A	3,255.00
Bill	09/19/2024	218-Mileage	Shasta Burns	September Invoice	6228 · Travel	-G&A	311.78
Total Shasta Burns							3,566.78
Sierra Controls, LLC							
Bill	08/31/2024	125315	Sierra Controls, LLC	Pump Run Signal Not Working	6115.1 · Automation/SCADA	.Operations Fund:South System O&M	151.19
Bill	08/31/2024	125316	Sierra Controls, LLC	Pixley Pump Station	6115.1 · Automation/SCADA	Capital Outlay:South System Phase 2	1,988.19
Bill	08/31/2024	125317	Sierra Controls, LLC	SS Improvements	6115.1 · Automation/SCADA	Capital Outlay:South System Phase 2	93,723.55
Total Sierra Controls, LLC							95,862.93
Spaletta Law PC							
Bill	09/01/2024	September Rent	Spaletta Law PC	September Rent	6142 · Lease Expense	-G&A	700.00
Total Spaletta Law PC							700.00
Stoel Rives, LLP							
Bill	09/16/2024	8034659	Stoel Rives, LLP	August Services	6180.6 · Legal	-Groundwater Management	9,228.85
Bill	09/16/2024	8034657	Stoel Rives, LLP	August Services	6180.6 · Legal	Capital Outlay:South System Phase 3	1,046.40
Bill	09/16/2024	8034658	Stoel Rives, LLP	August Services	6180.6 · Legal	Capital Outlay:North System Phase 1	261.60
Bill	09/16/2024	8034656	Stoel Rives, LLP	August Services	6180.6 · Legal	-G&A	1,962.00
Total Stoel Rives, LLP							12,498.85
Streamline							
Bill	09/01/2024	F3DCAA8A-0003	Streamline	Website 09/01/24-09/01/25	6240 · Website & Webmaster	-G&A	4,008.00
Total Streamline							4,008.00
Wagner & Bonsignore CCE							
Bill	09/01/2024	09-24-940	Wagner & Bonsign...	Planning	6180.4 · Engineering Expense	-Planning Fund	1,670.45
Total Wagner & Bonsignore CCE							1,670.45
TOTAL							481,291.21

Prepared by: Steve Schwabauer, General Manager
Daniel de Graaf, District Engineer

RECOMMENDATION:

Motion: Approve South System Phase IIIB Plans and Specifications and authorize staff to issue a Bid Package for the project.

DISCUSSION:

The District has awarded Element 2 of Phase III of the South System Improvements project. Due to the cost of the project, the Board directed staff to reduce the scope of Element 3 of the project which would include approximately 3,800 LF of 24" pipe, installation of valves and control structures at the Tecklenburg Basin and construction of a portion of the ultimate build out of the levee and put Element 3 of the project out to bid to irrigation contractors.

The District Engineer has completed 100% design drawings and a Bid Package to be submitted to contractors. The following schedule is anticipated for the bid, award of contract, and construction for the project:

Release of RFP:	October 1, 2024
Mandatory Pre-bid meeting:	October 8, 2024
Final Date to submit Questions:	October 15, 2024
Bid Due Date:	October 24, 2024
Award Contract:	October 28, 2024
Construction:	December 1, 2024 – February 28, 2025

Staff recommend approving the Plans and Specifications and authorizing staff to issue a Bid Package for the South System Improvements – Phase IIIB project.

FINANCIAL SUMMARY:

This project will be funded through the District's groundwater charge and general fund.

ENVIRONMENTAL DETERMINATION:

Environmental review has already been completed for this project.

Attachments

- 1 – Bid Package
- 2 – 100% Desing Plans
- 3 – Engineers Estimate

North San Joaquin Water Conservation District

Board of Directors:

Joe Valente (Area 3) President
Jason Colombini (Area 2) Vice-President
David Simpson (Area 1) Secretary
Charles Starr (Area 4) Treasurer
Brady Colburn (Area 5)



Steve Schwabauer, General Manager
Jennifer Spaletta, General Counsel
Roger Masuda, Special Counsel
Daniel deGraaf, District Engineer
Shasta Burns, Deputy Secretary

REQUEST FOR PROPOSALS

PROJECT: SOUTH SYSTEM IMPROVEMENTS – PHASE IIIB

DATE OPEN: OCTOBER 1, 2024
DATE CLOSE: OCTOBER 24, 2024, 10:00 A.M.
CONTACT: DANIEL DEGRAAF, DISTRICT ENGINEER
EMAIL: DANIEL@DEGRAAFENGINEERINGINC.COM
PHONE: 209-614-2745

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT COVERS 150,000 ACRES IN THE NORTH-EAST PORTION OF SAN JOAQUIN COUNTY. THE DISTRICT FACILITIES INCLUDE WATER DELIVERY PIPELINES AND RELATED INFRASTRUCTURE SOUTH OF THE MOKELUMNE RIVER AND IN THE VICINITY OF PIXLEY SLOUGH AND BEAR CREEK.

THIS PROJECT INVOLVES INSTALLATION, +/-3,800 FEET OF 24” 100 PSI PVC PIPE, BASIN DISCHARGE FACILITIES, ONE ROAD CROSSING AT ALPINE ROAD, AND MISCELLANEOUS SURFACE RESTORATION AND IMPROVEMENTS.

SUBMITTALS SHOULD COMPLY WITH PART V, ATTACHED.

THIS REQUEST FOR PROPOSALS IS ISSUED (AND WILL BE AWARDED) PURSUANT TO THE DISTRICT’S PROCUREMENT POLICY (Policy 4010) FOUND IN THE BOARD POLICY MANUAL AVAILABLE HERE: <https://www.nsjwcd.com/files/a19f42927/policy-manual-2023.pdf>

SOUTH SYSTEM IMPROVEMENTS PROJECT – PHASE III

Date: OCTOBER 1, 2024

North San Joaquin Water Conservation District
Physical Office: 498 East Kettleman Lane, Lodi, California
95240
Mailing Address: Post Office Box E, Victor, CA 95253

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NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
CONSTRUCTION CONTRACT - PART I

1. PARTIES/PROJECT: This Contract is effective as of the date set forth below between NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT, A California Water Conservation District (District), and Contractor, for the Project and Contract Amount set forth below.

- A. Effective Date: _____
- B. Project: South System Improvements – Phase III
- C. Contract Amount: \$ _____
- D. CONTRACTOR: _____

2. CONTRACT: Contractor and District mutually agree to perform this Construction Contract in strict accordance with the following designated documents, which are incorporated herein by reference. Parts I, II, V and VI shall control over any contradictory provision in Part III, the General Provisions:

<u>Contract Part Description</u>	<u>Part</u>
CONSTRUCTION CONTRACT	I
SPECIAL PROVISIONS	II
GENERAL PROVISIONS	III
BONDS AND WARRANTIES	IV
A. PERFORMANCE BOND	
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PERMITS	VI

3. LICENSE: Contractor certifies that he/she is currently licensed under the California State Contractors License Law to perform all work required under this contract and is not an Ineligible Contractor Prohibited from Performing Work on Public Agency Public Works Projects (Public Contract Code Section 6109). A Contractor who is ineligible to work on public works projects pursuant to Labor Code Section 1777.1 or 1777.7 is prohibited from performing work on a public works project for District.

California State Contractor's License #: _____
 License Expiration Date: _____
 Type of Contractor's License: _____
 Contractor's Federal Tax ID No.: _____
 Contractor's Dept. of Ind. Relations Reg. No.: _____

4. APPRENTICES: Contractor certifies that there will be apprentices employed to work on this project as defined in Labor Code Section 3077: (Circle One) Yes No

5. DESCRIPTION OF WORK – Contractor will provide all labor, materials, coordination and management necessary to construct and commission the South System Improvements – Phase III Project detailed in the bid set of plans, specifications, addendums and/or other documents made a part of this contract.
6. LOCATION - The work is located in San Joaquin County, CA, approximately 3 miles east of the City of Lodi.
7. PRICE - The price that District will pay Contractor for the work is \$_____. The cost includes all labor, material, travel, related expenses, equipment, supervision, etc.
8. REPRESENTATIONS - Contractor represents that it has: (1) examined the contract documents and all specifications thoroughly, (2) visited the site to become familiarized with local conditions that may, in any manner, affect cost, progress or performance of the work, and (3) is familiar with federal, state and local laws, ordinances, rules and regulations that may, in any manner, affect cost, progress or performance of the work. Contractor is accepting responsibility for completing the work successfully. The District assumes no responsibility for any understanding or representations concerning conditions made by any of its officers or agents prior to the execution of the contract.
9. BONDS, INSURANCE CERTIFICATES AND SAFETY REQUIREMENTS
 - A. A Bid Bond is not required to bid on this project. If awarded a contract, Contractor shall submit a Payment Bond and Performance Bond executed by a corporate surety acceptable to the District and authorized to issue such surety bonds in the State of California in an amount equal to one hundred percent (100%) of the contract price. The entire bond cost shall be borne by the Contractor.
 - B. Contractor shall furnish a Warranty Bond executed by a corporate surety acceptable to the District and authorized to issue such surety bonds in the State of California. The Warranty Bond shall in an amount at least equal to ten percent (10%) of the contract price as security for the faithful performance of all Contractor's warranty obligations under the contract. The entire cost of the bond shall be borne by the Contractor.
 - C. The Contractor shall also deliver to the District two (2) copies of a certificate attesting to the fact that the required policies of insurance have been obtained.
 - D. The required bonds and certificates of insurance shall be delivered to the District within (5) five calendar days after receipt of a signed contract from District and authorization from District to proceed.
 - E. The Contractor shall deliver to the District, in writing, the contact name and phone number of a Project Safety Officer or representative who shall be a responsible member of its organization for work site safety.
 - F. The Contractor shall deliver to the District a written copy of their business's Injury and Illness Prevention Program (IIPP) per the California Code of Regulations Title 8, Section 3203 if the Contractor employs ten (10) or more employees.
 - G. Contractor shall comply with all applicable federal, state, county, and local laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the safety of persons or property or their protection from damage, injury or loss ("safety

laws"). Where any of these are in conflict, the more stringent safety requirement or procedure shall be complied with. The Contractor's failure to thoroughly familiarize itself with the above safety laws shall not relieve it from compliance with any duty, obligation or penalty provided therein.

10. PREVAILING WAGE RATES. No less than the general prevailing rate of per diem wages for work of a similar character in the locality in which this contract is to be performed, and not less than the general prevailing rate per diem wages for holidays and overtime work fixed as provided in Chapter 1 (commencing with Section 1720), Part 7, Division 2 of the Labor Code, shall be paid to all workers employed on this public work. Information on the prevailing rate of per diem wages is available by calling the State of California's Labor Market Information (LMI) at 415-703-4780 or on the Internet at www.dir.ca.gov/DLSR.
11. SUBCONTRACTORS. Contractor shall provide: (1) The name and location of the place of business of each subcontractor whom it intends to use to perform work or labor, or render service to Contractor in or about the construction of any work, in an amount in excess of one-half of one percent (0.5%) of the total for all bid items, and (2) The portion of work which will be done by each such proposed subcontractor.
12. CONTRACTING OFFICER. The Contracting Officer shall be identified in the Notice to Proceed and may be changed at any time by action of the District Board of Directors.
13. ENGINEER-ARCHITECT. The District's Engineer for this Project is Daniel de Graaf, de Graaf Engineering, Inc.
14. CONTRACT COMPLETION DATE. Time is of the essence in completing this contract. The Contractor shall commence work under this contract within (10) calendar days after the date the Contractor receives the Notice to Proceed, (c) prosecute the work diligently, and (d) complete the Work within the work windows required by all applicable laws and Permits, but no later than the dates set forth in the Special Provisions incorporated herein. Failure to complete the work by that date shall subject the contractor to Liquidated Damages.
15. INTEGRATION. This Construction Contract, together with all documents and exhibits incorporated herein by reference, constitutes the entire agreement of the parties. All prior or contemporaneous oral agreements between the parties are revoked by this Construction Contract. This Contract may only be amended by a written agreement signed by both parties.
16. SEVERABILITY. In the event any section, sentence, clause, or phrase of this Construction Contract is adjudicated by a court of last resort and of competent jurisdiction, to be invalid or illegal, the remainder of this Construction Contract shall remain in full force and effect as though the section, sentence, clause or phrase so adjudicated to be invalid had not been included herein.

IN WITNESS WHEREOF, the parties hereto have executed this Construction Contract as of the date entered on the first page of the Construction Contract.

North San Joaquin Water Conservation District,
a California Water Conservation District

CONTRACTOR

By: _____
(Signature)

(Signature)

(Type or Print Name)

(Type or Print Name)

(Title of Authorized Representative)

(Title of Authorized Representative)

(Date)

(Date)

INSTRUCTIONS

1. The full name and business address of the Contractor must be inserted in the space provided on Page 1 of this Construction Contract. The Contractor shall sign in the space provided above with his or her usual signature and typewrite or print his or her name under the signature.
2. An officer or a corporation, a member of a partnership, or agent signing for the Contractor shall place his or her signature, name, and title after the word "by" under the name of the Contractor. A Construction Contract executed by an attorney-in-fact or agent on behalf of the Contractor shall be accompanied by two authenticated copies of his or her Power of Attorney or other evidence of his or her authority to act on behalf of the Contractor.

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT SPECIAL

PROVISIONS - PART II

1. MILESTONES/SCHEDULE.

TO BE COMPLETED UPON ACCEPTANCE OF BID IN COORDINATION WITH CONTRACTOR

2. LIQUIDATED DAMAGES. If the contractor fails to complete the Work by such date, or any extension thereof, the contractor shall pay to the District as liquidated damages, the sum of One Thousand dollars (\$1,000) per calendar day of delay.
3. PROGRESS PAYMENTS. Progress Payments shall be paid in accordance with General Provisions Section 7.4.
4. WORK HOURS. Notwithstanding Section 3.7 of the General Conditions, Contractor may perform the Work on any day and at any hours that are acceptable to Contractor, District and representative of the landowner where the Project Work will be performed. Contractor must coordinate with EACH LANDOWNER to ensure that the Work does not interfere with landowner's farming operations.
5. AS-BUILT DRAWINGS. At the completion of the Work, Contractor shall coordinate with the District Engineer to ensure complete As-Built Drawings are prepared for the Project.

**NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
CONSTRUCTION CONTRACT - GENERAL PROVISIONS - PART III**

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SECTION 1 DEFINITIONS

- 1.1. Definitions. Whenever in this Contract the following terms (whether initially capitalized or not) and abbreviations, or pronouns in place of them, are used, the intent and meaning shall be as follows:
- A. Apprentice. A person employed and individually registered in a bona fide apprenticeship program registered with the U. S. Department of Labor, Bureau of Apprenticeship and Training, or with a state apprenticeship agency recognized by the Bureau; or (2) a person in his/her first ninety (90) days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a state apprenticeship council (where appropriate) to be eligible for probationary employment as an apprentice.
 - B. Contract. The Construction Contract between the Contractor and the District and including all documents incorporated into the Contract by reference.
 - C. Contracting Officer. The Contracting Officer, as identified in the Notice to Proceed, is the District's authorized representative under this Contract.
 - D. Contracting Officer's Representative. The authorized representative of the Contracting Officer acting within the limits of the authorized representative's authority.
 - E. Contractor. An individual, firm, or corporation entering into this Contract for the performance of the Work.
 - F. Day. A calendar Day. Saturdays, Sundays, and District holidays as well as weekdays are counted as Days.
 - G. Directors. The Board of Directors of the North San Joaquin Water Conservation District.
 - H. District or Owner. The North San Joaquin Water Conservation District, a public entity.
 - I. Drawings. Refers to the Contract drawings, profiles, cross sections, elevations, details, and other working drawings and supplementary drawings, or reproduction thereof, signed by the Designer, approved by the District, and referred to in the Contract Documents, which show the location, character, dimensions, and details of the work to be performed. The terms drawing, plan, and plans have the same meaning as the term drawings unless otherwise stated or specified. Shop drawings are not drawings as defined herein.
 - J. Engineer or Architect-Engineer. The independent engineering firm retained by the District to perform certain engineering services for the project.
 - K. General Conditions. Part of the Contract Documents representing the general clauses that establishes how the project is to be administered.
 - L. Hazardous Waste. The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
 - M. Notice to Proceed. The written notice by the District to the Contractor authorizing the Contractor to proceed with the work and establishing that date of commencement of the work.
 - N. Plans. Refers to the Contract drawings, profiles, cross sections, elevations, details, and other working drawings and supplementary drawings, or reproduction thereof, signed by the Designer, approved by the District, and referred to in the Contract Documents that show the location, character, dimensions, and details of the work to be performed. The terms drawing, plan, and plans have the same meaning as the term drawings unless otherwise stated or specified. Shop drawings are not drawings as defined herein.
 - O. Shop Drawings. All Drawings, diagrams, illustrations, schedules and other data which are specifically prepared by the Contractor, a Subcontractor, manufacturer, fabricator, supplier or

distributor to illustrate some portion of the Work to be performed under this Contract and all illustrations, brochures, standard schedules, performance charts, instructions, diagrams and other information prepared by a manufacturer, fabricator, supplier or distributor and submitted by the Contractor to illustrate material or equipment for some portions of the Work.

- P. Specifications. Those portions of the Contract consisting of (1) written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work under this Contract, administrative provisions applicable thereto, and (2) all Drawings and designs.
- Q. Subcontractor. An individual, firm, or corporation having a direct Contract with the Contractor or with any other Subcontractor for the performance of any part of the Work or the furnishing of any materials under this Contract. The term shall include Subcontractors and suppliers at all tiers.
- R. Surety. Any firm or corporation executing a surety bond or bonds payable to the District securing the performance of the Contract either in whole or in part, or securing payment of claims for labor and materials.
- S. Technical Specifications. Written technical descriptions of products and execution of the work.
- T. Work or The Work. All the facilities specified, indicated, shown, or contemplated by the Contract as comprising and necessary for completion of the project, including any portions of such facilities furnished to the Contractor by the District, and, except as otherwise expressly provided in the specifications, the provision and furnishing by the Contractor of all materials, equipment, labor, methods, processes, construction and manufacturing materials and equipment, tools, plants, supplies, power, water, transportation, and other things necessary to complete such facilities in accordance with the Contract.

[End of Section 1]

**SECTION 2
GENERAL SCOPE OF WORK**

2.1. Site Investigation, Conditions Affecting Work and Hazardous Materials.

- A. The Contractor acknowledges that it has taken steps reasonably necessary to ascertain the nature and location of the Work, and that it has investigated and satisfied itself as to the conditions which can affect the Work, including but not limited to (1) conditions bearing upon transportation, disposal, handling, and storage of materials; (2) the availability of labor, water, electric power, and roads; (3) uncertainties of weather, river stages, tides, or similar physical conditions at the site; (4) the conformation and conditions of the ground; (5) drainage on, into and out of the site; and (6) the character of equipment and facilities needed preliminary to and during prosecution of the Work. The Contractor also acknowledges that it has satisfied itself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory Work done by the District, as well as from information presented by the Specifications made a part of this Contract. Any failure by the Contractor to take the actions described and acknowledged in this paragraph (A) will not relieve the Contractor from responsibility for estimating properly the difficulty or cost of successfully performing the Work, or for proceeding to successfully perform the Work without additional expense to the District.
- B. The District assumes no responsibility for any conclusions or interpretations made by the Contractor on the basis of the information made available by the District; nor does the District assume responsibility for any understanding reached or representation made concerning conditions which can affect the Work by any of its officers, employees, or agents before the execution of this Contract, unless that understanding or representation is expressly stated in this Contract.

2.2. Intent of Specifications. The intent of the Specifications is to describe a complete project and prescribe the details for the construction and completion of the Work which the Contractor undertakes to perform in accordance with the terms of this Contract. Where the 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. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals, and do all the Work involved in executing this Contract in a satisfactory and workmanlike manner, and provide a complete, functional facility ready for operation by the District.

2.3. Discovery of Errors, Omissions, or Discrepancies in the Contract. If the Contractor discovers any errors, omissions, discrepancies, or conflicts in this Contract, the Contractor shall immediately so inform the Contracting Officer in writing. The Contracting Officer will promptly clarify such matters and so inform the Contractor. Any Work affected by such discoveries which is performed by the Contractor prior to authorization by the Contracting Officer shall be at the Contractor's own risk.

2.4. Ownership and Use of Contract Documents. The Contractor, any Subcontractor, manufacturer, fabricator, supplier, or distributor (1) shall not have or acquire any title to or ownership rights in any of the Specifications or the other Contract documents (or copies of any thereof) prepared by the District or the District's Architect-Engineer for this Contract, and (2) shall not reuse any of them on any other project without written consent of the District.

2.5. Variations in Estimated Quantities.

- A. If (1) the quantity of a unit-priced item in this Contract is an estimated quantity, (2) total price for the item (based upon the unit price multiplied by the estimated quantity) is at least equal to five percent (5%) of the Contract price, and (3) the actual quantity of the unit-priced item varies more than fifteen percent (15%) above or below the estimated quantity, then an

equitable adjustment in the Contract price shall be made upon demand of either party. The equitable adjustment shall be based upon any increase or decrease in costs due solely to the variation above one hundred fifteen percent (115%) or below eighty-five percent (85%) of the estimated quantity.

If (1) GP § 2.05(A) applies and (2) the quantity variation is such as to cause an increase in the time necessary for completion, then the Contractor may request, in writing, an extension of time, to be received by the Contracting Officer within ten (10) Days from the beginning of the delay. See GP § 2.12 for additional requirements. Upon the receipt of a written request for an extension, the Contracting Officer shall ascertain the facts and make an adjustment for extending the completion date as, in the judgment of the Contracting Officer, is justified.

2.6. Changes.

- A. The Contracting Officer may, at any time, without notice to the sureties, if any, by written order designated or indicated to be a change order, make any change within the scope of the Work of this Contract, including but not limited to changes:
 - 1. In the Specifications or Plans, including the right to increase or decrease the quantity of any item or portion of The Work or to omit any item or portion of The Work, as may be deemed by the District to be necessary or advisable, and to require such extra work as may be determined by the District to be required for the proper completion or construction of The Work.
 - 2. In the method or manner of performance of the Work;
 - 3. In the District-furnished facilities, equipment, materials, services, or site; or
 - 4. Directing acceleration in the performance of the Work, except that no change shall be deemed to occur if the Contractor is behind schedule as a result of other than an excusable delay (GP § 6.06(D)(1)) and the Contracting Officer has directed the Contractor to take appropriate action to bring the Contractor's Work on schedule.
- B. Except as provided in this GP, no order, statement or conduct of the Contracting Officer shall be treated as a change under this clause or entitle the Contractor to an equitable adjustment.
- C. If any change under this GP § causes an increase or decrease in the Contractor's cost of, or the time required for, the performance of any part of the Work under this Contract, the Contracting Officer shall make an equitable adjustment and modify the Contract in writing. In the case of defective Specifications for which the District is responsible, the equitable adjustment shall include any increased cost reasonably incurred by the Contractor in attempting to comply with the defective Specifications.
- D. The Contractor must submit any claim under this GP § within thirty (30) Days after (1) receipt of a written change order under (A) above by submitting to the Contracting Officer a written statement setting forth the general nature and monetary extent of such claim.
- E. No claim of the Contractor under this clause shall be allowed unless the Contractor has properly complied with all applicable notice requirements of (D) above.
- F. No claim by the Contractor for an equitable adjustment shall be allowed if asserted after final payment under this Contract.
- G. Nothing in this clause shall excuse the Contractor from proceeding with the Contract as changed.
- H. The value of any Work covered by a change order or of any claim for an increase or decrease in the Contract price shall be determined in one of the following ways:
 - 1. Where the Work involved is covered by unit prices contained in this Contract, by application of such unit prices to the quantities of the items involved.
 - 2. By mutual acceptance of a lump sum.

3. On the basis of the Cost of Force Account Work determined as provided in GP § 7.03.

2.7. Extra Work.

Work will be classed as Extra Work when determined by the Contracting Officer that such Extra Work is not covered by any of the various items for which there is a bid price or by combinations of such items. In the event portions of such Work are determined by the Contracting Officer to be covered by some of the various items for which there is a bid price or combinations of such items, the remaining portion of such Work will be classed as extra Work. Extra Work also includes Work specifically designated as extra Work in the Specifications.

- A. The Contractor shall do such Extra Work and furnish material and equipment therefor upon receipt of a change order or other written order of the Contracting Officer.
- B. Payment for Extra Work, in the absence of an agreement between the parties on compensation for the Extra Work, will be made by force account.

2.8. Differing Site Conditions.

- A. The Contractor shall promptly (in no event later than five (5) days after such conditions are discovered), and before such conditions are disturbed, notify the Contracting Officer in writing of (1) subsurface or latent physical conditions at the site which differ materially from those indicated in this Contract, or (2) unknown physical conditions at the site, of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inhering in Work of the character provided for in this Contract, or (3) material that the Contractor believes may be hazardous material, as defined in Section 25117 of the Health and Safety Code that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.
- B. The Contracting Officer shall promptly investigate the conditions after receiving the notice. If the Contracting Officer finds that such conditions do materially so differ or do involve hazardous material and cause an increase or decrease in the Contractor's cost of, or the time required for, performing any part of the Work under this Contract, whether or not changed as a result of such conditions, an equitable adjustment shall be made under this clause and the Contract modified in writing accordingly.
- C. In the event a dispute arises between the District and the Contractor whether the conditions materially differ, or involve hazardous material, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all Work to be performed under the Contract. The Contractor shall retain any and all rights provided whether by Contract or by law which pertain to the resolution of disputes and protests. However, no claim by the Contractor for an equitable adjustment to the Contract shall be allowed unless the Contractor has given the written notice required in (A) above.
- D. For the purposes of this section, the Contractor is hereby notified and shall generally recognize that rock, hardpan, clay, and underground water are inherent in the character of work under this Contract.

2.9. Consent of Surety. All alterations, extensions of time, extra and additional Work, and other changes authorized by the Specifications or any other part of this Contract may be made without securing the consent of the surety or sureties on the Contract Bonds.

2.10. Cleaning Up. The Contractor shall at all times keep the construction and storage areas ("Premises") free from accumulations of waste material or rubbish and, prior to completion of the Work, remove any rubbish from the premises and all tools, scaffolding, equipment, and materials not the property of the District. Upon completion of the construction the Contractor shall leave the Work and premises in a clean, neat and workmanlike condition satisfactory to the Contracting Officer. The Contractor shall restore to their original condition those portions of the

premises not designated for alterations by this Contract. Full compensation for final cleaning up will be considered as included in the prices paid for the various Contract items of Work and no separate payment will be made therefor.

2.11. Notice of Potential Claim.

- A. The Contractor shall not be entitled to the payment of any additional compensation for any act, or failure to act by the Contracting Officer, including failure or refusal to issue a change order, or for the happening of any event, thing, occurrence, or other cause, unless the Contractor shall have given the Contracting Officer due written notice of potential claim as hereinafter specified; provided, however, that compliance with this GP § 2.11 shall not be a prerequisite as to matters within the scope of the notice provisions in GP § 2.6, in GP § 2.8 or in GP § 6.6(D)(2).
- B. The written notice of potential claim shall set forth the reasons for which the Contractor believes additional compensation will or may be due, the nature of the costs involved, and, insofar as possible, the amount of the potential claim. The said notice as above required must have been given to the Contracting Officer prior to the time that the Contractor shall have performed the Work giving rise to the potential claim for additional compensation if based on an act or failure to act by the Contracting Officer, or in all other cases within thirty (30) Days after the happening of the event, thing, occurrence, or other cause giving rise to the potential claim.
- C. It is the intention of this GP § 2.11 (as well as of all the other notice provisions in this Contract) that differences between the parties arising under and by virtue of the Contract be brought to the attention of the Contracting Officer at the earliest possible time in order that the District may know the extent of any potential additional Contract costs before they are incurred and in order that such matters may be settled, if possible, or other appropriate action promptly taken. The Contractor hereby agrees that it shall have no right to additional compensation for any claim that may be based on any such act, failure to act, event, thing, or occurrence for which no written notice of potential claim as herein required was filed.

2.12. Request for Time Extensions; Time Extensions.

- A. As a part of every Contractor's proposal or claim involving a request for a time extension, the Contractor shall submit the Contractor's standard scheduling diagram if approved by the Contracting Officer, showing in detail the Work necessitated by or involved in the alleged proposal or claim and the impact of the proposed time adjustment on other Work and on the project schedule.
- B. This GP § 2.12 shall apply to all requests for time extensions under this Contract, including but not limited to GP § 2.6, GP § 2.8, GP § 2.11, and GP § 3.03(G), and to delay notices under GP § 6.06(D)(2).
- C. Notwithstanding any other provision of this Contract, time extensions shall only be granted for excusable delays that actually delay scheduled project completion. The granting of time extension for changes in the Work will depend upon the extent, if any, by which the changes cause actual delay in the completion of the various elements or phases of construction. The change order or other order of the Contracting Officer granting the time extension may provide that the Contract completion date will be extended only for those specific elements or phases so delayed and that the remaining Contract completion dates for all other portions of the Work will not be altered and may further provide for an equitable readjustment of liquidated damages under the new completion schedule.

2.13. Right to Audit Accounting Records When Claim Made. The District shall have the right to audit Contractor's accounting records, and the accounting records of any Subcontractor whose claim is included in any claim by the Contractor under this Contract, to ascertain the extent of the costs actually incurred by the Contractor and/or Subcontractor as alleged in the Contractor's claim. This provision shall be incorporated in all subcontract agreements for the Work required by this Contract.

[End of Section 2]

SECTION 3 CONTROL OF WORK

- 3.1. Authority of Contracting Officer. The Contracting Officer shall decide all questions which may arise as to the quality or acceptability of materials furnished and Work performed and as to the manner of performance and rate of progress of the Work; all questions which may arise as to the interpretation of this Contract; all questions as to the acceptable fulfillment of the Contract on the part of the Contractor; and all questions as to compensation. The Contracting Officer's decision shall be final and the Contracting Officer shall have authority to enforce and make effective such decisions and orders which the Contractor fails to carry out promptly.
- 3.2. Contractor Supervision.
- A. The Contractor shall supervise, direct, and coordinate all Work under this Contract using its best skills and attention. It is understood and agreed that the Contractor shall act as an independent Contractor in performing Work under this Contract, maintaining complete control over its employees and all of its Subcontractors. The Contractor shall perform all Work in accordance with its own methods subject to compliance with this Contract. The Contractor shall perform all Work in an orderly and workmanlike manner, enforce strict discipline and order among its employees and assure strict discipline and order by its Subcontractors.
 - B. Before starting Work, the Contractor shall designate a competent authorized representative to represent and act for the Contractor and shall inform the Contracting Officer of the name of such representative. Such representative shall be present or duly represented at the site of Work at all times when Work is actually in progress and, during periods when Work is suspended, arrangements acceptable to the Contracting Officer shall be made for any emergency Work which may be required. The Contractor's authorized representative shall be supported by competent assistants as necessary, and the authorized representative and its assistants shall be satisfactory to the Contracting Officer. All directions, instructions and other communications given to the authorized representative by the Contracting Officer shall be as binding as if given to the Contractor.
- 3.3. Inspection of Construction.
- A. The Contractor shall maintain an adequate inspection system and perform such inspection as will ensure that the Work called for by this Contract conforms to Contract requirements. The Contractor shall maintain complete inspection records and make them available to the District. All Work is subject to District inspection and test at all places and at all reasonable times before acceptance to ensure strict compliance with the terms of the Contract.
 - B. District inspections and tests are for the sole benefit of the District and do not;
 - 1. Relieve the Contractor of responsibility for providing adequate quality control measures;
 - 2. Relieve the Contractor of responsibility for damage to or loss of the material before acceptance;
 - 3. Constitute or imply acceptance; or
 - 4. Affect the continuing rights of the District after acceptance of the completed Work under (H) below.
 - C. The presence or absence of a District inspector does not relieve the Contractor from any Contract requirement, nor is the inspector authorized to change any term or condition of the Specification without the Contracting Officer's written authorization.
 - D. The Contractor shall promptly furnish, without additional charge, all facilities, labor, and material reasonably needed for performing such safe and convenient inspections and tests as may be required by the Contracting Officer. The District may charge to the Contractor any additional cost of inspection or test when Work is not ready at the time specified by the Contractor for inspection or test, or when prior rejection makes re-inspection or retest

necessary. The District shall perform all inspections and tests in a manner that will not unnecessarily delay the Work. Special, full size, and performance tests shall be performed as described in the Contract.

- E. The Contractor shall, without charge, replace or correct Work found by the District not to conform to Contract requirements, unless in the District's interest the District consents to accept the Work with an appropriate adjustment in Contract price. The Contractor shall promptly segregate and remove rejected material from the premises.
- F. If the Contractor does not promptly replace or correct rejected Work, the District may (1) by Contract or otherwise, replace or correct the Work and charge the cost to the Contractor or (2) terminate for default the Contractor's right to proceed.
- G. If, before acceptance of the entire Work, the District decides to examine already completed Work by removing it or tearing it out, the Contractor, on request, shall promptly furnish all necessary facilities, labor, and material. If the Work is found to be defective or nonconforming in any material respect due to the fault of the Contractor or its Subcontractors, the Contractor shall defray the expenses of the examination and of satisfactory reconstruction. However, if the Work is found to meet Contract requirements, the Contracting Officer shall make an equitable adjustment for the additional services involved in the examination and reconstruction, including, if completion of the Work was thereby delayed, an extension of time if requested by the Contractor. See GP § 2.12.
- H. Unless otherwise specified in the Contract, the District shall accept, as promptly as practicable after completion and inspection, all Work required by the Contract. Acceptance shall be final and conclusive except for latent defects, fraud, gross mistakes amounting to fraud, or the District's rights under any warranty or guarantee.
- I. Any Work done beyond the lines and grades shown on the plans or established by the Contracting Officer, or any extra Work done without written authority will be considered as unauthorized Work and will not be paid for. Upon order of the Contracting Officer unauthorized Work shall be remedied, removed, or replaced at the Contractor's expense.
- J. Upon failure of the Contractor to comply promptly with any order of the Contracting Officer made under this GP § 3.3, the District may cause rejected or unauthorized Work to be remedied, removed, or replaced, and to deduct the costs from any moneys due or to become due the Contractor.

3.4. Equipment and Plants.

- A. Only equipment and plants suitable to produce the quality of Work and materials required will be permitted.
- B. Plants shall be designed and constructed in accordance with general practice for such equipment and shall be of sufficient capacity to insure the production of sufficient materials to carry the Work to completion within the time limit.
- C. The Contractor shall provide adequate and suitable equipment and plants to meet the above requirements, and when ordered by the Contracting Officer shall remove unsuitable equipment from the Work and discontinue the operation of unsatisfactory plants.

3.5. Normal Working Hours.

- A. The Contractor shall schedule its working hours to coincide with the working hours of the District, a 5-Day, 40-hour week, Monday through Friday, District holidays excepted. The Contractor shall not perform Work under this Contract on other than Work Days or during other hours without the written approval of the Contracting Officer.
- B. If the Contractor, for its convenience, desires to perform Work under this Contract during other than normal working hours or on other than normal working Days, the Contractor shall reimburse the District for any additional expense occasioned the District thereby, such as, but

not limited to, overtime pay for District inspectors.

3.6. Protection of Persons and Property.

- A. Contractor bears sole responsibility under the law for the safety of its own personnel and for all persons entering Work site. Contractor also bears sole responsibility for posting applicable danger signs and warnings against hazards, erecting safety barriers, promulgating safety regulations, and notifying owners and users of adjacent utilities. This requirement shall apply continuously under this Contract and shall not be limited to normal working hours.
- B. In the event of the occurrence of a situation wherein life and/or valuable property is in apparent imminent danger, the Contractor is hereby authorized and required without any special instructions from the Owner or Owner's representative to act at its own discretion to prevent injury to persons or damage to property.
- C. The Contractor shall comply with all applicable federal, state, county, and local laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the safety of persons or property or their protection from damage, injury or loss ("safety laws"). Contractor, upon becoming aware of a violation of one of the above laws, ordinances, rules, regulations or orders, or is informed of the existence of an otherwise unsafe/unhealthy condition, shall immediately take corrective measures. The District assumes no responsibility for the existence of the condition or for corrective measures, regardless of who observed the condition.
- D. The Contractor shall immediately notify the District's Contracting Officer, and any other applicable governmental agency (e.g., CAL OSHA) as required by law, of any damage, injury, death, or loss under this Contract. Contractor shall furnish to the Owner detailed written reports of all injuries occurring on the job.
- E. Should Owner, Owner's representative, or any person witness a situation wherein life is in apparent, imminent danger, upon being notified or becoming aware of the condition, Contractor will address and immediately remedy such situation and enforce the applicable safety rules. Such notification action by Owner or Owner's representative shall be viewed as exercising independent prudent judgment based on an immediate threat and shall not be construed as controlling or enforcing safety for the project or as Owner assuming the controlling authority for safety.
- F. The Contractor shall promptly remedy all damage or loss to any property caused in whole or in part by the Contractor, any Subcontractor at any tier, or anyone directly or indirectly employed by any of them, or by anyone for whose acts or omissions any of them may be liable and for which the Contractor is responsible under this Contract.
- G. The Contractor shall designate in writing to the District's Contracting Officer, a project safety officer who shall be a responsible member of its organization for safety at the Work site.
- H. The Contractor shall have an Injury & Illness Prevention Program (IIPP) meeting all of the requirements of Title 8, California Code of Regulations, § 3203 and shall provide a copy of their current version to the District prior to starting Work.

3.7. Utilities.

- A. Unless otherwise indicated, the Contractor shall at the Contractor's expense remove, relocate, and protect (1) all existing main or trunkline utility facilities identified in the Specifications with reasonable accuracy and (2) all other utility facilities (such as existing service laterals or appurtenances) whether or not identified in the Specifications. The expense to remove, relocate, and protect utility facilities or other obstructions for the convenience of construction shall also be borne by the Contractor.
- B. If a main or trunkline utility facility is not identified in the Specifications with reasonable accuracy and if such utility facility could not have been located or any damage to such utility

facility could not have been prevented had the Contractor exercised reasonable care, the Contractor shall be compensated for the cost of (1) locating, (2) repairing damage not due to the failure of the Contractor to exercise reasonable care, (3) removing or relocating such utility facility, and (4) equipment on the project necessarily idled during such Work. All such costs shall be calculated in accordance with GP § 7.03.

- C. The Contractor shall not be assessed liquidated damages for a delay in the completion of this Contract to the extent such delay was primarily caused by the failure of the District to identify all existing main or trunkline utility facilities in the Specifications with reasonable accuracy and was not caused by the Contractor's failure to exercise reasonable care in locating, removing, relocating, or protecting such utility facilities.
- D. If the Contractor while performing the Contract discovers any utility facilities not identified by the District in the Specifications, the Contractor shall immediately notify the District and the owner of such facilities in writing.
- E. The District, the owners of any utility facilities, and their respective authorized agents shall have the right to enter upon the project site for the purpose of making such changes and performing such Work as are necessary for the rearrangement of their facilities or for making necessary connections or repairs to their properties. The Contractor shall cooperate with forces engaged in such Work and shall conduct its operations in such a manner as to avoid any unnecessary delay or hindrance to the Work being performed by such other forces. The owner of a utility facility shall have the sole discretion to perform repairs or relocation Work or permit the Contractor to do such repairs or relocation Work; the cost of such Work to be borne by the owner of the facility, the Contractor, and/or District as determined in accordance with this GP § and the applicable law.
- F. At least forty-eight (48) hours before excavating, the Contractor shall call USA Underground Service Alert at 811 or (800) 227-2600 (toll free). The Contractor shall be deemed not to have exercised reasonable care if it fails to comply with this notification requirement.

3.8. Indemnity. To the fullest extent permitted by law, the Contractor shall indemnify, hold harmless, and defend the District and the Architect-Engineer and their respective Directors, officers, employees and agents (including any subconsultants), from and against all loss, damage, liability, claims, citations, suits, costs, and demands, arising out of or resulting from this Contract or the performance or prosecution of the Work, whether such losses, damages, liability, claims, citations, suits, costs, and demands are caused by the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, or by products installed on this project by the Contractor or any Subcontractor, and regardless of whether the entity or person indemnified hereunder was actively or passively negligent. Such Contractor obligations shall extend to losses, damages, liability claims, citations, suits, costs, and demands for injury or damage occurring within the applicable statute of limitations period after completion of the project as well as during the Work's progress.

3.9. Patent Indemnity. The Contractor shall indemnify and save harmless the District and the Architect-Engineer, their respective Directors, officers, representatives, agents and employees, from and against all losses, damages, liabilities, claims, citations, suits, costs, and demands and expenses, including attorneys' fees, incurred by the District and the Architect-Engineer, their respective Directors, officers, representatives agents and employees, as a result of or in connection with any claims or actions based upon infringement or alleged infringement of any patent and arising out of the use of the equipment or materials furnished under this Contract by the Contractor, or out of the process or actions employed by the Contractor in connection with the performance of the Work under this Contract; and the Contractor shall at its expense promptly defend against any such claim or action; provided that the Contractor's aforementioned obligations shall not apply to equipment, materials or processes specified by or furnished by the District; and provided further, that the District shall have notified the Contractor upon becoming aware of such claims or actions. The Contractor shall have the right in order to avoid such claims to substitute at its own expense non-

infringing equipment, materials or processes, or to modify at its own expense such infringing equipment, materials and processes so they become non-infringing; provided that such substituted and modified equipment, materials and processes shall meet the requirements of this Contract.

- 3.10. Contractor's Responsibility for the Work and Materials. Until the final acceptance of all the Work under the Contract, the Contractor shall have the charge and care of the Work and of the materials to be used therein and shall bear the risk of injury, loss, or damage to any part thereof by the action of the elements or from any other cause, whether arising from the execution or from the non-execution of the Work. The Contractor shall rebuild, repair, restore, and make good all injuries, losses, or damage to any portion of the Work or the materials occasioned by any cause before its completion and acceptance and shall bear the expense thereof. The suspension of the Work from any cause whatever shall not relieve the Contractor of its responsibility for the Work and materials herein specified.
- 3.11. Documents and Samples at Work Site. The Contractor shall maintain at the Work site for the District one (1) record copy of all Drawings, Specifications, change orders, and other modifications, in good order and marked currently to record all changes made during construction and of all approved Shop Drawings, product data, and samples. These shall be available to the Contracting Officer and shall be delivered to him upon completion of the Work.
- 3.12. Work by District or by Other Contractors.
- A. When separate Contracts are awarded for different portions of the project or for other Work on the site by the District or by other contractors, the Contractor shall afford the District and such other contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their Work, and shall connect and coordinate its Work with theirs.
 - B. If any part of the Contractor's Work depends for proper execution or results upon the Work of the District or any other contractor (not including a Subcontractor at any tier of the Contractor), the Contractor shall, prior to proceeding with its Work, promptly report to the Contracting Officer any apparent discrepancies or defects in such other Work that render it unsuitable for such proper execution and results. Failure of the Contractor to so report shall constitute an acceptance by the Contractor of the District's or other contractor's Work as fit and proper to receive the Contractor's Work, except as to hidden or concealed defects which may subsequently become apparent.
 - C. Any costs caused by defective or ill-timed Work shall be borne by the party responsible therefor.
 - D. Should the Contractor cause damage to the Work or property of the District or to other work on the site, the Contractor shall promptly remedy such damage.
 - E. Should the Contractor cause damage to Work or property of any other contractor, the Contractor shall upon due notice promptly attempt to settle with such other contractor by agreement, or otherwise to resolve the dispute. If such other contractor sues or initiates any other proceeding against the District on account of any damage alleged to have been caused by the Contractor, the District shall notify the Contractor who shall defend such proceedings and indemnify and hold the District harmless in accordance with the indemnification requirements of this Contract.
- 3.13. Shop Drawings.
- A. If this Contract requires Shop Drawings, the Contractor shall coordinate all such Drawings and review them for accuracy, completeness, and compliance with Contract requirements and shall indicate its approval thereon as evidence of such coordination and review. Shop Drawings submitted to the Contracting Officer without evidence of the Contractor's approval may be returned for resubmission. The Contracting Officer will indicate his or her approval or disapproval of the Shop Drawings and if not approved as submitted shall indicate his reasons

therefor. Any Work done prior to such approval shall be at the Contractor's risk. Approval by the Contracting Officer shall not relieve the Contractor from responsibility for any errors or omissions in such Drawings, nor from responsibility for complying with the requirements of this Contract, except with respect to variations described and approved in accordance with (B) below.

- B. If Shop Drawings show variations from the Contract requirements, the Contractor shall describe such variations in writing, separate from the Drawings, at the time of submission. If the Contracting Officer approves any such variation(s), the Contracting Officer shall issue an appropriate Contract per GP § 2.6, except that, if the variation is minor and does not involve a change in price or in time of performance, a modification need not be issued.
- C. The Contractor shall submit to the Contracting Officer for approval four copies (unless otherwise indicated herein) of all Shop Drawings as called for under the various headings of these Specifications. Three sets (unless otherwise indicated herein) of all Shop Drawings will be retained by the Contracting Officer and one set will be returned to the Contractor.
- D. Rights in Shop Drawings. The District may duplicate, use, and disclose in any manner and for any purpose Shop Drawings delivered under this Contract.

[End of Section 3]

**SECTION 4
CONTROL OF MATERIALS**

4.1 Source of Supply and Quality of Materials.

- E. The Contractor shall furnish all materials required to complete the Work, except materials that are designated in the Specifications to be furnished by the District.
- F. Only materials conforming to the Specifications shall be incorporated in the Work.
- G. The materials furnished and used shall be new, except as may specifically be provided elsewhere in the Specifications. The materials shall be manufactured, handled, and used in a workmanlike manner to insure completed Work in accordance with the Specifications.
- H. The Contractor shall furnish the Contracting Officer a list of material source in sufficient time to permit proper inspecting and testing of materials in advance of their use. The Contractor shall furnish without charge such samples as may be required. Inspection and tests will be made by the Contracting Officer or the Contracting Officer's Representative, but it is understood that such inspections and tests in no way shall be considered as a guarantee of acceptance of such material nor of continued acceptance of material presumed to be similar to that upon which inspections and tests have been made.
- I. Manufacturer's warranties, guarantees, instruction sheets and part's lists, which are furnished with certain articles or materials incorporated in the Work, shall be delivered to the Contracting Officer before final acceptance of all Work.
- J. Reports and records of inspections made and tests performed may be examined by the Contractor.

4.2. Storage of Materials. Articles or materials to be incorporated in the Work shall be stored in such a manner as to insure the preservation of their quality and fitness for the Work and facilitate inspection.

4.3. Defective Materials. All materials which the Contracting Officer determined do not conform to the requirements of the Specifications will be rejected, whether in place or not. They shall be removed immediately from the site of the Work, unless otherwise permitted by the Contracting Officer. No rejected material, the defects of which have been subsequently corrected, shall be used in the Work, unless approval in writing has been given by the Contracting Officer. Upon failure of the Contractor to comply promptly with any order of the Contracting Officer made under this GP §, the Contracting Officer shall have authority to cause the removal and replacement of rejected material and deduct their cost.

4.4. Plant Inspection. The Contracting Officer may inspect the production of materials, or the manufacture of products at the source of supply. The District assumes no obligation to inspect materials at the source of supply. Both the Contractor and the material producer shall cooperate and assist the Contracting Officer in any plant inspection. The Contracting Officer or the Contracting Officer's authorized representative shall have free entry at all times to such parts of the plant as concerns the manufacture or production of the materials or products for this Contract. Adequate facilities shall be furnished free of charge to make the necessary inspection.

4.5. Testing.

- A. If this Contract or if the laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any portion of the Work to be inspected, tested or approved, the Contractor shall give the timely notice of its readiness so the Contracting Officer may observe such inspection, testing or approval. The Contractor shall bear all costs of such inspections, tests or approvals conducted by public authorities. Unless otherwise provided in the Contract, the District shall bear all costs of other inspections, tests or approvals.
- B. If the Contracting Officer determines that any portion of the Work requires special inspection, testing, or approval which (A) above does not include, the Contracting Officer will instruct the

Contractor to order such special inspection, testing or approval, and the Contractor shall give notice as provided in (A) above. If such special inspection or testing reveals a failure of the Work to comply with requirements of the Contract, the Contractor shall bear all cost thereof; otherwise the District shall bear such costs, and an appropriate change order shall be issued.

- C. Whenever a reference is made in the Specifications to a test method by California Number, it shall mean the test method in effect on the Day the bid for this Contract is received.
- D. Whenever a reference is made in the Specifications to a specification or test designation of the ASTM, Federal Specifications, or any other recognized national organization, and the number or other identification accompanying the test designation representing the year of adoption or latest revision of the test is omitted, it shall mean the test method in effect on the Day the bid for this Contract is received.
- E. When requested by the Contracting Officer, the Contractor shall furnish, without charge, samples of all materials entering into the Work, and no material shall be used prior to approval by the Contracting Officer, except as provided in this GP §. Samples of material from local sources shall be taken by or in the presence of the Contracting Officer, otherwise the samples will not be considered for testing.

4.6. District-Furnished Property.

- A. The District shall deliver to the Contractor, for use only in connection with this Contract, the property described in the Specifications (hereinafter referred to as "District-furnished property"), at the times and locations stated therein. If the District-furnished property, suitable for its intended use, is not so delivered to the Contractor, the Contracting Officer shall, upon timely written request made by the Contractor, and if the facts warrant such action, equitably adjust any affected provision of this Contract pursuant to the procedures of the GP § 2.06 clause hereof.
- B. Title to District-furnished property shall remain in the District. The Contractor shall maintain adequate property control records of District-furnished property in accordance with sound industrial practice.
- C. Unless otherwise provided in this Contract, the Contractor, upon delivery to him of any District-furnished property, assumes the risk of, and shall be responsible for, any loss thereof or damage thereto except for reasonable wear and tear, and except to the extent that such property is required to be consumed and is in fact consumed in the performance of this Contract.
- D. The Contractor shall, upon completion of this Contract, prepare for shipment, deliver f.o.b. destination, or dispose of all District-furnished property not consumed in the performance of this Contract or not theretofore delivered to the District, as may be directed or authorized by the Contracting Officer. The net proceeds of any such disposal shall be credited to the Contract price or paid in such other manner as the Contracting Officer may direct.

4.7. "Brand Name or Equal" Items; Substitutes.

- A. When the Specifications list a product or item to be furnished or used in the Work on a "Brand Name or Equal" basis, the Contractor shall have twenty (20) Days after receipt of the Notice to Proceed in which to submit a request for substitution of "equal" items along with data substantiating the request.
- B. All other requests for substitutions or product options where permitted by the Specifications shall be submitted to the Contracting Officer for review in accordance with the applicable submittals provision in the Specifications or the special provisions. No tests or action relating to the approval of a substitute will be made until the request for substitution is made in writing by the Contractor accompanied by complete data as to the equality of the product, item or material proposed. Such request shall be made in ample time to permit adequate review by the Contracting Officer and the Architect-Engineer without delaying the performance of the

Work.

- C. The burden of proof as to the quality and suitability of substitutes shall be upon the Contractor and it shall furnish all information necessary as required by the Contracting Officer or the Architect- Engineer. The Contracting Officer shall be the sole judge as to the quality and suitability of substitute products, items, or materials and the Contracting Officer's decision shall be final.

[End of Section 4]

SECTION 5 LEGAL RESPONSIBILITIES

- 5.1. Laws to be Observed. The Contractor shall at all times observe and comply with, and shall cause all its agents and employees to observe and comply with all existing and future laws, ordinances, regulations, orders, and decrees of governmental entities having any jurisdiction or authority over the Work or any portion thereof which in any manner affect those engaged or employed in the Work, or the materials used in the Work, or which in any way affect the conduct of the Work. The Contractor shall protect and indemnify the District and all of its officers, employees, and agents thereof connected with the Work against any claim or liability arising from or based on a violation of any such law, ordinance, regulation, order or decree.
- 5.2. Compliance with District Rules. The Contractor shall at all times observe and comply with all District Rules. Copies of all rules are available upon request from the Contracting Officer.
- 5.3. California Air Resources Board (CARB) Truck and Bus Regulation. Contractors who operate any vehicle(s) in the State of California, regardless of state of registration, for Work on behalf of the District, shall comply with the CARB Truck and Bus Regulation. This regulation applies to diesel-powered vehicles with a GVWR greater than 14,000 pounds which are privately or federally owned. The District requires the Contractor to declare compliance with this regulation prior to awarding any Work by submitting a statement of compliance and/or certificates of compliance with the Contractor's submittal. For Work which may overlap a calendar year, the Contractor is required to submit to the District an updated statement of compliance and/or current certificates of compliance by February 1st of each year. A Contractor who does not comply with this regulation will be subject to Work stoppages until the Contractor provides current compliance with this regulation. Contractor is responsible for confirming that all subcontractors hired by the Contractor are also in compliance with this regulation. For further information about this regulation and how it applies to the Work provided by Contractor see www.arb.ca.gov/dieseltruck.
- 5.4. Discrimination. Attention is directed to Section 1735 of the Labor Code which provides: "No discrimination shall be made in the employment of persons upon public works because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, marital status, or sex of such persons, except as provided in Section 12940 of the Government Code, and every contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter".
- 5.5. Prevailing Wage.
 - A. Not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which this Contract is to be performed, and not less than the general prevailing rate of per diem wages for holiday and overtime work fixed as provided in Chapter 1 (commencing with Section 1720), Part 7, Division 2 of the Labor Code, shall be paid to all workmen employed on this public work.
 - B. Information on the prevailing rate per diem wages is available by calling the State of California's Labor Market Information (LMI) at 415-703-4780 or on the Internet at www.dir.ca.gov/DLSR.
 - C. A copy of the prevailing rate of per diem wages shall be posted by the Contractor at each job site.
 - D. The Contractor shall, as a penalty to the District, forfeit \$50.00 for each calendar Day, or portion thereof, for each workman paid less than the prevailing rates as determined by the Director of the Department of Industrial Relations for such work or craft in which such workman is employed for any public work done under this Contract by him or by any Subcontractor under him. The difference between such prevailing wage rates and the amount paid to each workman for each calendar Day or portion thereof for which each workman was paid less than the prevailing wage rate shall be paid to each workman by the Contractor. Labor Code Section 1775.

- E. The Contractor and each Subcontractor shall keep an accurate payroll record, showing the name, address, last four digits of their social security number, work classification, straight time and overtime hours worked each Day and week, the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by the Contractor or Subcontractor in connection with the project, and such other information as required by law, and such payroll records shall be certified and made available for inspection all in accordance with Labor Code Section 1776 and 8 California Code of Regulations Section 16000 et seq. The Contractor may be required to file with the District certified copies of its and all its Subcontractors' payroll records within thirty (30) calendar Days after completion of each payroll period at no cost to the District. The foregoing sentence does not bar the District from making specific requests for certified payrolls pursuant to 8 California Code of Regulations Section 16400 which only allows the Contractor ten (10) working Days to respond.
- F. The District shall not recognize any claim for additional compensation from the Contractor because of the payment by the Contractor of any wage rate in excess of the prevailing rate of per diem wages. The possibility of wage increases is one of the elements to be considered by the Contractor in determining its bid and will not, under any circumstances, be considered as the basis of a claim against the District under this Contract.
- G. The Contractor shall be required to pay travel and subsistence payments to each workman needed to execute the Work, as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Labor Code Section 1773.8.

5.6. Apprentices.

- A. It shall be the responsibility of the Contractor to insure that it and all Subcontractors on the project comply with the apprenticeship requirements set forth in Labor Code, Section 1777.5.
- B. Information relative to number of apprentices, identification, wages, hours of employment and standards of working conditions may be obtained from the Director of the Department of Industrial Relations, who is the Administrative Officer of the California Apprenticeship Council, or from the Division of Apprenticeship Standards and its branch offices.

5.7. Hours of Labor. Eight hours labor constitutes a legal Day's work. The Contractor shall forfeit, as a penalty to the District, \$25.00 for each workman employed in the execution of the Contract by the Contractor or any Subcontractor under it for each calendar Day during which such workman is required or permitted to work more than 8 hours in any one calendar Day and 40 hours in any one calendar week in violation of Labor Code, Sections 1810 to 1815, except that Work performed by employees of Contractors in excess of 8 hours per Day, and 40 hours during any one week, shall be permitted upon compensation for all hours worked in excess of 8 hours per Day at not less than one and one-half times the basic rate of pay, as provided in Section 1815. The Contractor and each Subcontractor shall keep accurate records of the hours of employment in accordance with Labor Code, Section 1812.

5.8. Fair Labor Standard Act. The Wage and Hour Division, US Department of Labor states that contractors engaged in public construction work are required to meet the provisions of the Fair Labor Standards Act of 1938 and as amended (52 Stat. 1060).

5.9. Permits and Licenses. Except as to permits and licenses (if any) specifically stated in this Contract as being obtained by the District, the Contractor shall obtain all required permits and licenses for construction of this project and pay all charges and fees therefor at its own expense. All Contractors shall have a valid and current California State Contractor's License.

5.10. Workers' Compensation and Public Liability Insurance.

A. Worker's Compensation Insurance

- 1. The Contractor shall take out and maintain during the life of the Contract, Workers' Compensation and Employer's Liability Insurance for all of its employees on the project and shall comply with Labor Code, Section 3700. In lieu of evidence of Workers'

Compensation Insurance, the District will accept a Self-Insuring Certificate from the State of California.

2. The following certification, required by Labor Code Section 1861, is incorporated by reference into this Contract:

“I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract.”

By signing the Contract with the District, the Contractor is signing and filing the above certification with the District.

3. The Contractor shall require all Subcontractors to provide the Contractor with evidence of Workers’ Compensation and Employer’s Liability Insurance, all in strict compliance with California State Law.

B. Public Liability Insurance.

1. The Contractor shall take out and maintain during the life of this Contract Comprehensive Automobile Insurance and General Liability Insurance that provide protection for claims which may arise out of or result from operations or performance under this Contract, whether such operations or performance be by the Contractor or by any Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable.
2. The amount of insurance shall be not less than the following: Single Limit Coverage applying to:
 - a. Bodily and Personal Injury Liability and Property Damage:
 - \$1,000,000.00 each occurrence
 - \$2,000,000.00 annual
3. Coverage must include the following provisions and must be indicated on the certificate or by endorsement to the policy:
 - a. The District, North San Joaquin Water Conservation District and the Architect-Engineer, their respective Directors, officers, employees, and agents are named as Additional Insureds in the policy with respect to the Contract;
 - b. The coverage is PRIMARY and no other insurance carried by the District will be called upon to contribute to a loss under this coverage;
 - c. The policy covers Blanket Contractual Liability;
 - d. The policy limits of liability are provided on an Occurrence basis;
 - e. The policy covers Broad Form Property Damage Liability;
 - f. The policy covers Personal Injury as well as Bodily Injury Liability including coverage for personal injury claims against any insured by employees of any other insured;
 - g. The policy covers Explosion, Collapse and Underground hazards;
 - h. The policy covers Products and Completed Operations for a period of not less than three (3) years following final completion or termination of this Contract.
 - i. The policy covers use of Non-owned Autos;
 - j. The coverage shall not be canceled nor materially altered unless thirty (30) Days written notice is given to the District;

- k. "Cross Liability" or "Severability of Interest" clause.
- l. An insurer's waiver of subrogation in favor of all insureds and additional insureds under the policies of insurance provided.

5.11. Builder's Risk Insurance.

- A. The Contractor shall purchase and maintain Builder's Risk insurance upon the entire Work under this Contract, including District-furnished property, for one hundred percent (100%) of the replacement value thereof. The insurance shall include the interests of the District, the owner of the facility if other than the District, the Architect-Engineer, the Contractor, and Subcontractors in the Work and shall insure against the perils of fire and extended coverage and shall include "all risk" insurance for physical loss or damage including, without duplication of coverage, theft, vandalism and malicious mischief and shall insure the property while in inland transit or interim storage.
- B. In the event of a loss by the perils insured against, of any or all of the Work and/or materials herein provided for, at any time prior to the final completion of the Contract and the final acceptance by the District, the Contractor shall promptly reconstruct, repair, replace, or restore all Work or materials so destroyed. Nothing herein shall in any way excuse the Contractor or his surety from the obligation of furnishing all the required materials and completing the Work in full compliance with the terms of the Contract.
- C. Any loss insured under (A) above is to be adjusted with the District and made payable to the District as trustee for the insureds, as their interests may appear. The Contractor shall pay each Subcontractor a just share of any insurance moneys received by the Contractor, and by appropriate agreement, written where legally required for validity, shall require each Subcontractor to make payments to its Subcontractors in similar manner.
- D. The District and the Contractor waive all rights against (1) each other and the Subcontractors, agents and employees each of the other, and (2) separate contractors, if any, and their Subcontractors, agents and employees, for damages caused by fire or other perils to the extent covered by insurance obtained pursuant to this GP § 5.09 or any other property insurance applicable to the Work, except such rights as they may have to the proceeds of such insurance held by the District as trustee. The District or the Contractor, as appropriate, shall require separate contractors and Subcontractors to provide similar waivers each in favor of all other parties enumerated in this paragraph (D).
- E. The District as trustee shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within five (5) Days after the occurrence of loss to the District's exercise of this power and if such objection be made, the matter shall be handled in accordance with the GP's Disputes clause. The District as trustee shall, in that case, make settlement with the insurers in accordance with the final decision on the dispute.
- F. If the District finds it necessary to occupy or use a portion or portions of the Work prior to completion thereof, such occupancy or use shall not commence prior to a time mutually agreed to by the District and the Contractor and to which the insurance company or companies providing the property insurance have consented by endorsement to the policy or policies. This insurance shall not be canceled or lapsed on account of such partial occupancy or use. Consent of the Contractor and of the insurance company or companies to such occupancy or use shall not be unreasonably withheld.

5.12. Insurance-General.

- A. Within fifteen days (15) of execution of this Agreement and prior to commencement of any Work, the Contractor shall deliver to the District certificates of insurance issued in duplicate covering all policies providing the required insurance. Such certificates shall make reference to all provisions and endorsements referred to above and shall be signed on behalf of the insurer by its authorized representative. The Contractor agrees upon written request by the District to furnish copies of such policies, certified by an authorized representative of the

insurer. These certificates shall contain a provision that coverages afforded under policies will not be canceled or reduced until at least thirty

- B. (30) Days' prior notice has been given to the District. Acceptance of the certificate of insurance shall not relieve the Contractor of any of the insurance requirements nor decrease the liability of the Contractor.
- C. The foregoing requirements as to the types, limits and the District's approval of insurance coverage to be maintained by the Contractor, are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by the Contractor under the Contract.
- D. If the Contractor fails to maintain the required insurance coverage, the District may obtain such insurance coverage as is not being maintained, in form and amount substantially the same as set forth above, and the District may deduct the cost of such insurance from any amounts due or which may become due the Contractor under the Contract.

5.13. Performance, Payment, and Warranty Bonds.

- A. The Contractor shall furnish to the District a Performance Bond and Payment Bond as security for the faithful performance and payment of all Contractor's obligations under this Contract. The Performance and Payment Bonds shall be in an amount equal to one hundred percent (100%) of the Contract price and shall furnish a Warranty Bond in an amount at least equal to ten percent (10%) of the Contract price as security for the faithful performance of all of Contractor's warranty obligations under the Contract. The Performance Bond shall remain in effect until final acceptance of the Work by the District. The Payment Bond shall remain in effect until the last of the following occur: (1) the statutory time has expired to commence a legal action on the Payment Bond and no legal action was filed, (2) satisfaction of all judgments against the Payment Bond, and (3) as otherwise provided by law. The Warranty Bond shall remain in effect until all Contractor's warranty obligations under the Contract have expired. The Contractor shall also furnish such other Bonds as are required by the special provisions.
- B. All Bonds shall be in the forms prescribed by the bidding documents or the special provisions and be executed by such sureties as are licensed to conduct business as sureties in the State of California. All Bonds signed by an agent must be accompanied by a certified copy of the authority to act.
- C. If the surety on any Bond furnished by the Contractor is declared a bankrupt or becomes insolvent or its right to do business is terminated in California or it ceases to meet the requirements of clauses (1) and (2) of (A) above, the Contractor shall within five (5) Days thereafter substitute another Bond and surety, both of which shall be acceptable to the District.

5.14. Antitrust Claims.

The following subdivision of section 7103.5 of Chapter 7 of the Public Contract Code of the State of California shall be complied with by the Contractor and all Subcontractors under this Contract:

"Section 7103.5. Assignment by contractor to awarding body of rights under federal law arising from purchases under public works Contract.

"(b) In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final

payment to the contractor, without further acknowledgment by the parties.”

[End of Section 5]

SECTION 6
PROSECUTION AND PROGRESS

6.1. Progress Schedule.

- A. The Contractor may be required to, within thirty (30) Days after award of the Contract or within five (5) Days after the Notice to Proceed, whichever occurs first, prepare and submit to the Contracting Officer for approval three (3) copies of a practicable schedule showing the order in which the Contractor proposes to perform the Work, and the dates on which the Contractor contemplates starting and completing the several salient features of the Work (including, but not limited to, acquiring materials). The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of Work scheduled for completion by any given date during the period. If the Contractor fails to submit a schedule within the time prescribed, the Contracting Officer may withhold approval of progress payments until the Contractor submits the required schedule.
- B. The Contractor shall enter the actual progress on the chart as directed by the Contracting Officer, and upon doing so shall immediately deliver three (3) copies of the annotated schedule to the Contracting Officer. If, in the opinion of the Contracting Officer, the Contractor falls behind the approved schedule, the Contractor shall take steps necessary to improve its progress, including those that may be required by the Contracting Officer, without additional cost to the District. In this circumstance, the Contracting Officer may require the Contractor to increase the number of shifts, overtime operations, and/or Days of Work, and to submit for approval any supplementary schedule or schedules in chart form as the Contracting Officer deems necessary to demonstrate how the approved rate of progress will be regained.
- C. Failure of the Contractor to comply with the requirements of the Contracting Officer under this clause shall be grounds for a determination by the Contracting Officer that the Contractor is not prosecuting the Work with sufficient diligence to ensure completion within the time specified in the Contract. Upon making this determination, the Contracting Officer may terminate the Contractor's right to proceed with the Work, or any separable part of it, in accordance with the default clause of this Contract.

6.2. Subcontracts.

- A. The Contractor with its own organization shall perform Work under the Contract equaling in value to at least sixty percent (60%) of the Contract price.
- B. The Contractor shall require each Subcontractor at every tier, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by the term of this Contract and to assume toward the Contractor all the obligations and responsibilities which the Contractor by this Contract assumes toward the District. No subcontract shall relieve the Contractor of any of its liabilities or obligations under the Contract; and the Contractor agrees that it is fully responsible to the District for the acts and omissions of its Subcontractors and of persons either directly or indirectly employed by them in the performance of the Contract. The Contractor shall assure that each Subcontractor and supplier complies with the provisions of any applicable Workmen's Compensation Act or similar law having application to Subcontractor's or supplier's employees. The Contractor shall at its expense, upon request of the Contracting Officer, furnish the Contracting officer with two (2) copies of all of its subcontracts or supply contracts; provided that the prices thereon may be deleted. Nothing contained in the Contract shall create any contractual relationship between any Subcontractor and the District.

6.3. Assignment.

- A. The performance of the Contract may not be assigned, except upon the written consent of the Contracting Officer. Consent will not be given to any proposed assignment which would relieve the original Contractor or its surety of their responsibilities under the Contract.
- B. The Contractor may assign moneys due or to become due him under the Contract and such assignment will be recognized by the District, if given proper notice thereof, to the extent permitted by law, but any assignments of moneys shall be subject to all proper set-offs in favor of the District and to all deductions provided for in the Contract and particularly all money withheld, whether assigned or not, shall be subject to being used by the District for the

completion of the Work in the event that the Contractor should be in default therein.

6.4. Suspension of Work.

- A. The District may, at its sole option and discretion, suspend at any time the performance of all or any portion of the Work by the Contractor for a period of not more than ninety (90) Days by notice in writing to the Contractor which notice shall fix the date on which Work shall be resumed. Such notice shall also designate the amount and type of labor, equipment, and plant to be committed to the project by the Contractor during the period of suspension. The Contractor shall use its best efforts to utilize its labor, equipment, and plant in such a manner as to minimize costs associated with the suspension.
- B. Upon receipt of any such notice of suspension, the Contractor shall, unless the notice requires otherwise, do the following:
 - 1. Immediately discontinue Work on the date and to the extent specified in the notice;
 - 2. Place no further orders or subcontracts for materials, services or facilities with respect to the suspended Work other than to the extent required in the notice;
 - 3. Promptly make every reasonable effort to obtain suspension, upon terms satisfactory to the Contracting Officer, of all orders, subcontracts and rental agreements to the extent they relate to performance of Work suspended; and
 - 4. Continue to protect and maintain the Work, including those portions of the Work which have been suspended, and continue to perform those portions of the Work which have not been suspended.
- C. Except as provided in (F) below, as full compensation for such suspension, the Contractor shall be reimbursed for the following costs, reasonably incurred, without duplication for any item, to the extent such costs resulted directly from such suspension:
 - 1. A standby charge to be paid to the Contractor during the period of suspension of Work, which standby charge shall be sufficient to compensate the Contractor for keeping, to the extent required in the notice, its organization and equipment committed to the Work in a standby status;
 - 2. All reasonable costs associated with demobilization and remobilization of Contractor's labor, equipment, and plant; and
 - 3. An equitable amount to reimburse the Contractor for the cost of maintaining and protecting that portion of the Work upon which Work has been suspended.
- D. On the date specified in the notice of suspension or on such other date as specified in writing by the Contracting Officer ("resumption of Work date"), the Contractor shall resume performance of the suspended Work.
- E. Any claim by the Contractor for costs under (C) above and for any extension of time under this Contract because of such suspension of Work must be made not later than ten (10) Days after the resumption of Work date. Any such claim must be accompanied by a revised construction schedule and a revised payment schedule as required by GP § 2.12 or GP § 6.1(B).
- F. To the extent the suspension of Work was caused by the failure of the Contractor to comply with any provision of this Contract, the Contractor shall not be entitled to reimbursement of costs under (C) above and shall not be entitled to an extension of time under this Contract.

6.5. Liquidated Damages.

- A. If the Contractor fails to complete the Work within the time specified in the Contract, or any extension thereof, the Contractor shall pay to the District as liquidated damages, the sum as stated in the Special Provisions for each calendar Day of delay. The District may deduct

the amount of such liquidated damages from any moneys due or that may become due the Contractor under this Contract. If the Contractor fails to complete the Work within the time specified in the Contract, or any extension thereof, because of a non-excusable delay or delays but the Contracting Officer determines (1) that it is in the District's interest not to terminate the Contractor's right to proceed or to impose liquidated damages and (2) grants the Contractor an extension of time in which to complete the Work, the District shall have the right to charge the Contractor for the cost of engineering, inspection, Contract administration, equipment, and related overhead expenses incurred by the District for this Contract and which accrue during the period of the extension, except that the cost of the final inspection shall not be included in such charges. The District may deduct the amount of such charges from any moneys due or that may become due the Contractor under this Contract.

6.6. Default.

- A. If the Contractor refuses or fails to prosecute the Work or any separable part, with the diligence that will insure its completion within the time specified in this Contract including any extension, or fails to complete the Work within this time, the District may, by written notice to the Contractor, terminate the right to proceed with the Work (or the separable part of the Work) that has been delayed. In this event, the District may take over the Work and complete it by Contract or otherwise, and may take possession of and use any materials, appliances, and plant on the Work site necessary for completing the Work. The Contractor and its sureties shall be liable for any damage to the District resulting from the Contractor's refusal or failure to complete the Work within the specified time, whether or not the Contractor's right to proceed with the Work is terminated. This liability includes any increased costs incurred by the District in completing the Work.
- B. If the District terminates the Contractor's right to proceed, the resulting damage will consist of increased costs occasioned the District in completing the Work.
- C. If the District does not terminate the Contractor's right to proceed, the resulting damage will consist of liquidated damages until the Work is accepted.
- D. The Contractor's right to proceed shall not be terminated nor the Contractor charged with damages under this clause, if:
 - 1. The delay in completing the Work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include (1) acts of God or of the public enemy, (2) acts of the District in its contractual capacity, (3) acts of another Contractor in the performance of a Contract with the District, (4) fires, (5) floods, (6) epidemics, (7) quarantine restrictions, (8) strikes, (9) freight embargoes, (10) unusually severe weather, or (11) delays of Subcontractors or suppliers at any tier arising from unforeseeable causes beyond the control and without the fault or negligence of both the Contractor and the Subcontractors or suppliers; and
 - 2. The Contractor, within ten (10) Days from the beginning of any delay, notifies the Contracting Officer in writing of the causes of delay. See also GP § 2.12. The Contracting Officer shall ascertain the facts and the extent of delay. If, in the judgment of the Contracting Officer, the findings of fact warrant such action, the time for completing the Work shall be extended. The findings of the Contracting Officer shall be final and conclusive on the parties, but subject to appeal under the Disputes clause.
- E. If, after termination of the Contractor's right to proceed, it is determined that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the termination had been issued for the convenience of the District.
- F. The rights and remedies of the District in this clause are in addition to any other rights and remedies provided by law or under this Contract.

6.7. Termination for Convenience of District.

- A. The District may at its option terminate the Contract in whole or from time-to-time in part, at any time by written notice to the Contractor, whether or not the Contractor is in default.
- B. Upon any such cancellation and termination, the Contractor agrees to waive any claim for damages, including loss of anticipated profits on account thereof, but as the sole right and remedy of the Contractor and the District, the District shall pay the Contractor in accordance with (D) below; provided however, that the provisions of this Contract, which by their very nature survive final acceptance under this Contract, shall remain in full force and effect after such cancellation and termination to the extent provided in such provision.
- C. Upon receipt of any such notice, the Contractor shall, unless the notice directs otherwise:
 - 1. Immediately discontinue Work on the date and to the extent specified in the notice;
 - 2. Place no further orders or subcontracts for materials, services, or facilities, other than as may be necessary for completion of such portion of Work under this Contract as is not terminated;
 - 3. Promptly make every reasonable effort to obtain cancellation upon terms satisfactory to the District of all order and subcontracts to the extent they relate to the performance of Work terminated; and
 - 4. Assist the District as specifically requested, in writing, in the maintenance, protection and disposition of property acquired by the District under this Contract.
- D. Upon any such termination, the District will pay to the Contractor an amount determined in accordance with the following (without duplication of any item):
 - 1. All amounts due and not previously paid to the Contractor for Work completed in accordance with the Contract prior to such notice, and for Work thereafter completed as specified in such notice;
 - 2. The cost of settling and paying claims arising out of the termination of Work under subcontracts or orders as provided in (C)(3) above;
 - 3. The reasonable costs incurred pursuant to (C)(4) above;
 - 4. Any other reasonable costs incidental to such termination of Work;
 - 5. The foregoing amounts shall include a reasonable sum under all of the circumstances as profit for any Work performed by the Contractor.

6.8. Disputes.

- A. Any dispute arising under this Contract which is not disposed of by agreement shall be decided by the Contracting Officer, who shall reduce his or her decision to writing and mail or otherwise furnish a copy thereof to the Contractor.
- B. The decision of the Contracting Officer shall be final and conclusive unless, within thirty (30) Days from the date of receipt of the Contracting Officer's decision, the Contractor complies with the following:
 - 1. In any dispute involving three hundred seventy-five dollars (\$375,000) or less, the Contractor shall comply with the requirements of Article 1.5 of Part 3 of the Public Contract Code.
 - a. The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this GP § is intended to extend the time limit or supersede notice requirements otherwise provided by this Contract for the filing of claims.
 - b. (1) For claims of less than fifty thousand dollars (\$50,000), the District shall respond in writing to any written claim within forty-five (45) Days of receipt of the claim, or may

request, in writing, within thirty (30) Days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the District may have against the Contractor.

- (2) If additional information is thereafter required, it shall be requested and provided pursuant to this GP §, upon mutual agreement of the District and the Contractor.
- (3) The District's written response to the claim, as further documented, shall be submitted to the Contractor within fifteen (15) Days after receipt of the further documentation or within a period of time no greater than that taken by the Contractor in producing the additional information, whichever is greater.

- c. (1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the District shall respond in writing to all written claims within sixty (60) Days of receipt of the claim, or may request, in writing, within thirty (30) Days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the District may have against the Contractor.
 2. If additional information is thereafter required, it shall be requested and provided pursuant to this GP §, upon mutual agreement of the District and the Contractor.
 3. The District's written response to the claim, as further documented, shall be submitted to the Contractor within thirty (30) Days after receipt of the further documentation, or within a period of time no greater than that taken by the Contractor in producing the additional information or requested documentation, whichever is greater.
- d. If the Contractor disputes the District's written response, or the District fails to respond within the time prescribed, the Contractor may so notify the District, in writing, either within fifteen (15) Days of receipt of the District's response or within fifteen (15) Days of the District's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the District shall schedule a meet and confer conference within thirty (30) Days for settlement of the dispute.
- e. Following the meet and confer conference, if the claim or any portion remains in dispute, the Contractor may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the Contractor submits his or her written claim pursuant to (A) above until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.
- f. This GP § does not apply to tort claims and nothing in this GP § is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.
- g. Within sixty (60) Days, but no earlier than thirty (30) Days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within fifteen (15) Days by both parties of a disinterested third person as mediator, shall be commenced within thirty (30) Days of the submittal, and shall be concluded within fifteen (15) Days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the fifteen (15) Day period, any party may petition the court to appoint the mediator.
- h. (1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant

to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act of 1986 (Article 3 (commencing with Section 2016) of Chapter 3 of Title 3 of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this GP § consistent with the rules pertaining to judicial arbitration.

2. Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.
 3. In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other party arising out of the trial de novo.
- i. The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.
1. In any dispute involving more than three hundred seventy-five dollars \$375,000, the Contractor shall personally serve the Contracting Officer with either
 - a. a demand for arbitration under the Construction Industry Arbitration Rules of the American Arbitration Association ("Rules") setting forth the nature of the dispute and the claim or relief sought (including the amount, if any)
 2. The dispute shall be submitted to one (1) neutral arbitrator selected from the panels of arbitrators of the American Arbitration Association if the Contractor and the District cannot mutually agree on a person to serve as the neutral arbitrator.
 3. The District and the Contractor agree that they will faithfully observe the Rules and will abide by and perform any award rendered by the neutral arbitrator and that a judgment of the court having jurisdiction may be entered on the award. Notwithstanding the Rules, discovery shall be permitted and the provisions of the California Code of Civil Procedure Section 1283.05 are incorporated herein by reference.
 4. The arbitrator hearing shall be held in Stockton, California, unless the parties agree otherwise.
 - b. a written notice stating that the Contractor elects to have the dispute resolved by litigation and in addition shall, within sixty (60) Days from the date of receipt of the Contracting Officer's decision, personally serve the District with a summons and complaint concerning the dispute filed in a California State court of proper jurisdiction.
 2. Within thirty (30) Days after receipt of the Contractor's demand for arbitration under (B)(2)(a) above, the District shall have the right to elect to have the dispute resolved by litigation and, if the District so elects, the Contractor shall have sixty (60) Days from the date of receipt of the District's election to litigate the dispute in which to personally serve the District with a summons and complaint concerning the dispute filed in a California State court of proper jurisdiction.
 - a. The validity, performance and all matters relating to the interpretation and effect of this Contract and any amendments thereto shall be governed by the laws of the State of California and this Contract shall be deemed to have been entered into in San Joaquin

County, California.

- b. The Contractor hereby consents to the jurisdiction of the courts of San Joaquin County, California for the confirmation, correction or vacation of any arbitration award and for the adjudication of any disputes relating to this Contract.

[End of Section 6]

**SECTION 7
MEASUREMENT AND PAYMENT**

7.1. Measurement of Quantities.

- A. Quantities will be determined by the Contracting Officer in accordance with the applicable measurement provisions of the Contract. The Contractor shall complete all required measurements to determine these quantities, using such methods as the Contracting Officer considers appropriate for the class of Work to be measured.
- B. Unless otherwise provided in the measurement provisions of the Contract, the Contracting Officer will decide the method to be used in determining the weight of the parts and items to be paid for by weight. Payment will only be made on the basis of net weight. The Contractor shall, if required by the Contracting Officer, and at the Contractor's expense, furnish scales and provide assistance for weighing and measuring such materials without additional charge.
- C. Wherever the payment provisions of the Contract provide that payment for the item or items listed therein will be made at the Contract unit price or the Contract lump sum price therefor, whichever is set forth in the Special Provisions, such payment shall be full compensation to the Contractor for all Work referred to in such provision, including but not limited to the following: all labor, supervision, tools, materials, and equipment; the performance of all operations; all other direct expenses; taxes and duties; items of overhead; general and administrative expenses; and profit, for the applicable Contract item.

7.2. Scope of Payment.

- A. The Contractor shall accept the compensation provided in the Contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to the completed Work and for performing all Work contemplated and embraced under this Contract; also for all loss or damage arising from the nature of the Work, or from the action of the elements, or from any unforeseen difficulties which may be encountered during the prosecution of the Work until final acceptance by the District and for all risks of every description connected with the prosecution of the Work, also for all expenses incurred in consequence of the suspension or discontinuance of the Work as provided in this Contract; and for completing the Work according to the Specifications. Neither the payment of any estimate nor of any retained percentage shall relieve the Contractor of any obligation to make good any defective Work or material.
- B. No payment will be made in any case for loss of anticipated profits.

7.3. Cost of Force Account Work.

- A. The term Cost of Force Account Work means the sum of all costs necessarily incurred and paid by the Contractor in the performance of the Force Account Work. Except as otherwise may be agreed to in writing by the District, such costs shall be in amounts no higher than those prevailing in the locality of the project, shall include only the following items and shall not include any of the costs itemized in (B) below:
 - 1. Direct Labor Costs—Payroll costs for all manual job classifications in the direct employ of the Contractor in the performance of the Force Account Work up to and including foremen, but not including those job classifications and related job classifications listed in (B) below. The District and the Contractor shall agree in writing upon a schedule of covered manual job classifications before commencing any Force Account Work. Payroll costs for employees (including but not limited to foremen) not employed full time on the Force Account Work shall be apportioned on the basis of their time spent on the Force Account Work.
 - a. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto in effect during the actual performance of the Force Account Work.
 - b. The expenses of performing Force Account Work after regular working hours, on

Sunday or legal holidays, shall be included in the above to the extent such after-hours Work is authorized in writing by the District's Contracting Officer.

- c. The Contractor employees' Work times to be charged to Force Account Work shall be subject to the daily approval of the Contracting Officer and no charges shall be accepted by the District unless evidence of such approval is submitted by the Contractor with its billing.
2. Equipment Costs—Costs for the rental and operation of construction and motor vehicle equipment furnished and used by the Contractor in the Force Account Work, except equipment or tools with a current new unit cost at point of origin of five hundred dollars (\$500) or less each.
 - a. The equipment rental rates used shall be those rates listed in "Labor Surcharge and Equipment Rental Rates" as published by the California Department of Transportation ("CalTrans") in effect as of the effective date of the Contract. Those rates shall include the cost of fuel, oil, lubrication, supplies, small tools, necessary attachments, repairs and maintenance of any kind, depreciation, storage, insurance, and all incidentals. Such rates shall not include costs for operating labor, which will be paid as provide in (1), Direct Labor Cost, above or for transportation of equipment to and from the location of the Force Account Work. Rental rates for equipment actually used for which rental rates are not set forth in the CalTrans publication shall be agreed upon by the Contractor and the District. Unless otherwise provided in the Contract, all equipment rental rates shall be agreed upon in writing by the Contractor and the District before commencing any Force Account Work.
 - b. When the operational use of the equipment is infrequent and, as determined by the Contracting Officer, the equipment need not remain at the project site continuously, payment shall be limited to actual hours of use. Equipment not operating but retained at the location of the Force Account Work at the Contracting Officer's direction shall be paid for at a rate equal to the rental rate times the right of way delay factor in the above referenced CalTrans publication.
 - c. Equipment time charged to Force Account Work shall be subject to the daily approval of the Contracting Officer and no charges shall be accepted by the District unless evidence of such approval is submitted by the Contractor with its billing.
 3. Material Costs—Cost of all materials and equipment furnished and incorporated in the Force Account Work, including costs of transportation and storage thereof, and manufacturers' field services required in connection therewith; provided that the furnishing and use of such materials and equipment was specifically authorized by the Contracting Officer and the actual use was verified by the Contracting Officer.
 - a. All cash discounts shall accrue to the Contractor unless the District deposits funds with the Contractor with which to make payments, in which case the cash discounts shall accrue to the District. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment shall accrue to the District and the Contractor shall make provisions so that they may be obtained. If materials are obtained from a supply or source owned wholly or in part by the purchaser, payment therefor will not exceed the price paid by the purchaser for similar materials furnished from said source on Contract items or the current wholesale price for such materials delivered to the job site, whichever is lower.
 - b. The invoice from the vendor of the materials or equipment shall accompany the Contractor's billing to the District along with the verifications by the Contracting Officer of the actual use of such materials or equipment in the project.
 - c. The District reserves the right to furnish such materials and equipment as it deems advisable, and the Contractor shall have no claim for costs and profit on such materials or equipment.

- d. Subcontract Costs—Payment for Work and services subcontracted by the Contractor in the performance of Force Account Work shall be allowed only when both the Subcontractor and the terms of payment for the Subcontractor's Work have been approved in writing by the Contracting Officer before the Subcontractor begins on the Force Account Work. If required by the District, the Contractor shall
 - e. obtain competitive bids from Subcontractors acceptable to the Contractor and shall deliver such bids to the District who will then determine which bids will be accepted. If a subcontract provides that the Subcontractor is to be paid on the basis of Cost of Force Account Work plus a fixed fee, the Subcontractor's Cost of Force Account Work shall be determined in the same manner as the Contractor's Cost of Force Account Work. All subcontracts shall be subject to the other provisions of this Contract insofar as applicable.
4. Costs of special consultants (including but not limited to, Engineers, architects, testing laboratories and surveyors) who actually provide services specifically related to and needed for the Force Account Work; provided that both the consultant and the terms of payment for the consultant's Work have been approved in writing by the Contracting Officer before the consultant begins on the Force Account Work.
5. Supplemental costs including the following:
- a. The proportion of necessary transportation, travel and subsistence expenses of the Contractor's employees incurred in discharge of duties connected with the Force Account Work.
 - b. Cost (including transportation and maintenance) of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site which are consumed in the performance of the Force Account Work, and cost less market value of such items used but not consumed which remain the property of Contractor. Transportation costs for bringing equipment to the project site and for returning the equipment to the point of origin, exclusively for use on the Force Account Work, shall be reimbursed to the Contractor based on invoices; provided that prior written approval for the use and transportation of the equipment has been given by the Contracting Officer to the Contractor.
 - c. Sales, use or similar taxes related to the Force Account Work, and for which the Contractor is liable, imposed by any governmental authority.
 - d. Royalty payments and fees for permits and licenses necessary for the Force Account Work.
 - e. Losses and damages (and related expenses), not compensated by insurance or otherwise, to the Work or otherwise sustained by Contractor in connection with the execution of the Work, provided they have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of the District. No such losses, damages and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee. If, however, any such loss or damage requires reconstruction and Contractor is placed in charge thereof, Contractor shall be paid for services a fee proportionate to that state in (C)(2) below.
 - f. The cost of utilities, fuel and sanitary facilities at the site.
 - g. Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage and similar petty cash items in connection with the Work.
 - h. Cost of premiums for additional Bonds and insurance required because of the Force Account Work.
- B. The term Cost of Force Account Work shall not include any of the following:

1. Payroll costs and other compensation of the Contractor's officers, executives, principals (of partnership and sole proprietorships), general managers, Engineers, architects, estimators, lawyers, auditors, accountants, purchasing and contracting agents, expeditors, superintendents, assistant superintendents, general foremen, surveyors, office personnel, maintenance mechanics, timekeepers, clerks and other personnel employed by the Contractor whether at the site or in its principal or a branch office for general administration of the Force Account Work and not specifically included in the agreed upon schedule of job classifications referred to in (A)(1) above, all of which are to be considered administrative costs covered by the Contractor's fee.
 2. Expenses of the Contractor's principal and branch offices other than the Contractor's office at the site.
 3. Any part of the Contractor's capital expenses, including interest on the Contractor's capital employed for the Force Account Work and charges against the Contractor for delinquent payments.
 4. Cost of premiums for all Bonds and for all insurance whether or not the Contractor is required by the Contract Documents to purchase and maintain the same (except for additional Bonds and insurance required because of the Force Account Work).
 5. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied and making good any damage to property.
 6. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in (A) above.
 7. Allowable costs under this clause shall not include the cost of presenting or prosecuting any claim under this Contract.
- C. Contractor's Fee. The Contractor's Fee allowed to Contractor for overhead and profit shall be determined as follows:
1. a mutually acceptable fixed fee; or if none can be agreed upon,
 2. a fee based on the following percentages of the various portions of the Cost of Force Account Work:
 - a. for costs incurred under (A)(1) above, the Contractor's Fee shall be TWENTY PERCENT (20%);
 - b. for costs incurred under (A)(2) above, the Contractor's Fee shall be FIFTEEN PERCENT (15%);
 - c. for costs incurred under (A)(3) above, the Contractor's Fee shall be FIFTEEN PERCENT (15%);
 - d. for costs incurred under (A)(4) above, the Contractor's Fee shall be TEN PERCENT (10%); and if a subcontract is on the basis of cost of the Work plus a fee, the maximum allowable to the Subcontractor as a fee for overhead and profit shall be fifteen percent (15%), and
 - e. no fee shall be payable on the basis of costs itemized under (A)(5), (A)(6), and (B) above.
- D. The amount of credit to be allowed by Contractor to the District for any such change which results in a net decrease in cost will be the amount of the actual net decrease. When both additions and credits are involved in any one change, the combined overhead and profit shall be figured on the basis of the net increase, if any.

- E. The Contractor shall maintain its records in such a manner as to provide a clear distinction between the direct costs of Work paid for on a force account basis and the costs of other operations.
- F. The Contractor shall furnish the Contracting Officer with report sheets in duplicate of each Day's Work paid for on a force account basis no later than seven (7) Days following the performance of said Work. The daily report sheets shall (1) itemize all cost claimed under (A) above in sufficient detail to properly determine those costs and (2) be signed by the Contractor or its authorized agent.

7.4. Progress Payments.

- A. Unless otherwise provided in this Contract, monthly progress payments will be made as Work proceeds. Such payments will be made in accordance with estimates made by the Contracting Officer of the amount and value of Work satisfactorily performed by the Contractor up to the time of each estimate. Estimates will not include any allowance for materials or equipment not incorporated into any Work; provided that the District may in its sole discretion make progress payments thereon. In making progress payments, the District will retain five percent (5%) of the cumulative estimated amount until final acceptance of all Work under this Contract, unless a higher percentage is allowed pursuant to a finding made under California Public Contract Code section 7201(b)(4).
- B. In addition, the District may deduct from any payments due the Contractor (1) any amounts the District may be authorized to retain pursuant to Federal, State or local laws, (2) any amounts due the District from the Contractor, and (3) any other amounts which the District is otherwise authorized to retain under this Contract or under any other Contract with the District. Such Contracting Officer's estimates covering Work performed since the previous estimate will be made in writing on or about the twenty-fifth (25th) Day of each calendar month and payment will normally be made within fifteen (15) calendar Days thereafter. Such progress estimates will not be required to be made by strict measurement but may be made by measurement or by estimation or partly by one method and partly by another.
- C. Progress payments submitted by the Contractor will be administered in accordance with Public Contract Code Section 20104.50 as follows:
 - 1. Upon receipt of a progress payment request from the Contractor, the District shall review the payment request as soon as practicable for the purpose of determining that the payment request is a proper payment request.
 - 2. The District shall make payment to the Contractor within thirty (30) Days after receipt of an undisputed and properly submitted payment request.
 - 3. Any payment request determined not to be a proper payment request suitable for payment shall be returned to the Contractor as soon as practicable, but not later than seven (7) Days, after receipt. A request returned pursuant to this GP § shall be accompanied by a document setting forth in writing the reasons why the payment request is not proper.
 - 4. The number of Days available to the District to make a payment without incurring interest shall be reduced by the number of Days by which the District exceeds the seven (7) Day return requirement set forth above.
- D. All equipment, materials and Work covered by progress payments will upon such payment become the sole property of the District, but this provision shall neither be construed as constituting acceptance of any Work or as relieving the Contractor from the sole responsibility for all equipment, materials and Work upon which payments have been made, including the restoration of any damaged or lost equipment, materials and Work until final acceptance thereof, nor as a waiver of the right of the District to require fulfillment of all of the terms of this Contract.

- E. If the Contractor's right to proceed with any Work should be discontinued, as provided in the Termination for Default Clause or Termination for Convenience of District Clause, no further progress payments will thereafter be made to the Contractor for Work so terminated until completion of such Work or final settlement thereof.

7.5. Final Payment and Release.

- A. Whenever the Contractor deems that its obligations under this Contract have been fulfilled, the Contractor shall notify the Contracting Officer. Upon receipt of such notice, the Contracting Officer will in company with the Contractor, inspect the Work which has been performed. If the Contracting Officer determines that all Work which, by the terms of the Contract is necessary or required to be performed, has been satisfactorily performed, the Contracting Officer will cause to be filed in the office of the County Recorder of the County (or Counties) in which such Work is located, a notice of completion of all Work under the Contract.
- B. Within sixty (60) Days after the notice of completion of all Work is filed in the office of the County Recorder of the County (or Counties) in which such Work is located, the retention held by the District shall be released; provided, however, that in the event of a dispute between the District and the Contractor, the District may withhold from the final payment an amount not to exceed one hundred fifty percent (150%) of the disputed amount.
- C. Upon expiration of the statutory periods for filing of stop notices, complaints on stop notices, and complaints on the Payment Bond, and provided no such notices and complaints have been filed, the District will pay the Contractor the amount remaining after deducting from such amount all such amounts as will have been previously paid to the Contractor under this Contract, and also any amounts which by the terms of this Contract, the District is or may be authorized or required to reserve or retain.
- D. No claim shall be made or filed by the Contractor and the District will not be liable to pay any money other than as specifically provided in the Contract.
- E. Final payment by District, and acceptance of it by the Contractor, shall constitute:
 - 1. A waiver of all claims by District against the Contractor except: (1) claims arising from unsettled liens, (2) claims based on fraud or gross mistakes amounting to fraud, (3) claims for defective Work after final inspection pursuant to (A) above, or (4) any warranties or guarantees specified therein. However, it shall not constitute a waiver by District to any rights with respect to the Contractor's continuing obligations, as specified in the Special Provisions and the Detailed Project Specifications; and
 - 2. A waiver of all claims by the Contractor against the District other than those *previously made* in writing and still unsettled.

7.6. Substitution of Securities for Retention. Pursuant to Public Contract Code Section 22300 and upon Contractor's request, the District will make payments into escrow of funds which would otherwise be retained from progress payments under GP § 7.04(A) if the Contractor deposits into that escrow securities eligible for investment under Public Contract Code Section 22300 (hereafter collectively referred to as "securities"), upon the following terms and conditions:

- A. The escrow agent shall be either the District Treasurer or a state or federal chartered bank acceptable to the District.
- B. The Contractor shall bear all expenses of the District and of the escrow agent in connection with the escrow.
- C. The fair market value of the securities shall be at least equal to one hundred percent (100%) of the cash amount withheld as retention under the Contract and the amount of the required securities shall be adjusted from time to time based upon changes in the fair market value of the securities on deposit with the escrow agent. Such securities shall be valued by the District Treasurer whose decision on valuation of the securities shall be final.

- D. The Contractor shall enter into an escrow agreement substantially similar in form to that prescribed in Public Contract Code Section 22300.
- E. The Contractor shall obtain the written consent to the escrow agreement of the surety or sureties furnishing Contractor with its Performance and Payment Bonds.

[End of Section 7]

SECTION 8
WARRANTY OF CONSTRUCTION

8.1. One-Year Warranty of Construction.

- A. In addition to any other warranties in this Contract, the Contractor warrants, except as provided in (J) of this clause, that Work performed under this Contract conforms to the Contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any Subcontractor or supplier at any tier.
- B. This warranty shall continue for a period of ONE (1) YEAR from the date of final acceptance of the Work.
- C. The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to District-owned or controlled real or personal property, when that damage is the result of:
 - 1. The Contractor's failure to conform to Contract requirements; or
 - 2. Any defect of equipment, material, workmanship, or design furnished by the Contractor.
- D. The Contractor shall restore any Work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to Work repaired or replaced will run for ONE (1) YEAR from the date of repair or replacement.
- E. The Contracting Officer shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.
- F. If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the District shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.
- G. With respect to all warranties, express or implied, from Subcontractors, manufacturers, or suppliers for Work performed and materials furnished under this Contract, the Contractor shall:
 - 1. Obtain all warranties that would be given in normal commercial practice;
 - 2. Require all warranties to be executed, in writing, for the benefit of the District, if directed by the Contracting Officer; and
 - 3. Enforce all warranties for the benefit of the District, if directed by the Contracting Officer.
- H. In the event the Contractor's warranty under (B) of this clause has expired, the District may bring suit at its expense to enforce a Subcontractor's, manufacturer's, or supplier's warranty.
- I. Unless a defect is caused by the negligence of the Contractor or Subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the District or for the repair of any damage that result from any defect in District-furnished material or design.
- J. This warranty shall not limit the District's rights under this Contract with respect to latent defects, gross mistakes, or fraud.
- K. Defects in design or manufacture of equipment specified by the District on a "brand name and model" basis shall not be included in this warranty. In that event, the Contractor shall require the Subcontractors, manufacturers, or suppliers thereof to execute their warranties, in writing, directly to the District for such equipment.

[End of Section 8]

**NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
BONDS AND WARRANTIES - PART IV**

A. PERFORMANCE BOND

	CONTRACTOR AS PRINCIPAL	SURETY	OWNER
Company:			
Legal Status:			North San Joaquin Water Conservation District, a California Water Conservation District
Address:			498 Kettleman Lane
City, State Zip:			Lodi, CA 95240

CONSTRUCTION CONTRACT:

Date:
Construction Contract Amount:
Description (Name & Locations):

BOND:

Date (Not earlier than Contract Date): ___/___/___(mm/dd/yyyy)

Percentage of Construction Contract Amount: One Hundred Percent (100%)
Bond Amount:

The Contractor as Principal, and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract as so executed, which is incorporated herein by reference.

NOW THEREFORE, if the Principal herein shall promptly and faithfully perform said Construction Contract in all respects, and shall well and truly and fully perform all work contracted to be done under said Construction Contract and within the time prescribed therein, then this obligation shall be void; otherwise to remain in full force and effect.

No prepayment or delay in payment and no change, extension, addition or alteration of any provision of the Construction Contract agreed to between the Principal and the North San Joaquin Water Conservation District on this Bond and consent to make such changes, extensions, additions, and alterations without further notice to or consent such Surety is hereby given and the Surety hereby waives the provisions of Section 2819 of the California Civil Code.

In the event suit is brought upon this Bond and the North San Joaquin Water Conservation District and judgment is entered in its favor, the Surety shall pay all costs incurred by the North San Joaquin Water Conservation District in such suit, including reasonable attorney's fees to be fixed by the Court.

IN WITNESS THEREOF, the above bound parties have executed this instrument under their several seals this ____ day of, _____, 2022, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its authorized representative.

(Seal)

(Principal)

By: _____

Title: _____

Phone #: _____

(Seal)

(Surety)

By: _____

Title: _____

Phone #: _____

NAIC #: _____

CA ID #: _____

License #: _____

Note: The signature of the Surety must be acknowledged before a Notary Public. An executed Power of Attorney indicating that the Surety's representative is authorized to bind the Surety must accompany this Bond.

B. PAYMENT BOND

	CONTRACTOR AS PRINCIPAL	SURETY	OWNER
Company:			North San Joaquin Water Conservation District, a California Water Conservation District
Legal Status:			District
Address:			318 Kettleman Lane Lodi, CA 95240
City, State Zip:			

CONSTRUCTION CONTRACT:

Date:

Construction Contract Amount:

Description (Name & Locations):

BOND:

Date (Not earlier than Contract Date): ___/___/___(mm/dd/yyyy)

Percentage of Construction Contract Amount: One Hundred Percent (100%)

Bond Amount:

The Contractor as Principal, and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract as so executed, which is incorporated herein by reference.

NOW, THEREFORE, if the Principal herein or its subcontractors shall fail to pay for any material, services, supplies, implements, or machinery, used in, for or about the performance of all work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor as required by applicable statutory provisions, the Surety herein shall pay for the same in an amount not exceeding the sum specified in this Bond, otherwise the above obligations shall be void.

In the event suit is brought upon this Bond and judgment is entered in the claimant's favor, the Surety shall pay all costs incurred by the claimant in such suit, including reasonable attorney's fees to be fixed by the court.

This Bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claim under applicable State Law, including but not limited to those persons, companies, corporations entitled to serve a stop notice under Section 3181 of the Civil Code so as to give a right of action to them or their assigns in any suit brought upon this Bond.

No prepayment or delay in payment and no change, extension, addition or alteration of any provision of the Construction Contract agreed to between the Principal and the North San Joaquin Water Conservation District, and no forbearance on the part of North San Joaquin Water Conservation District, shall operate to relieve the Surety from liability on this Bond, and consent to make such changes, extensions, additions, and alterations without further notice to or consent such Surety is hereby given; and the Surety hereby waives the provisions of Section 2819 of the California Civil Code.

IN WITNESS THEREOF, the above bound parties have executed this instrument under their several seals this ____ day of _____, 2022, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its authorized representative.

(Seal)

(Principal)

By: _____

Title: _____

Phone #: _____

(Seal)

(Surety)

By: _____

Title: _____

Phone #: _____

NAIC #: _____

CA ID #: _____

License #: _____

Note: The signature of the Surety must be acknowledged before a Notary Public. An executed Power of Attorney indicating that the Surety's representative is authorized to bind the Surety must accompany this Bond.

C. WARRANTY BOND

	CONTRACTOR AS PRINCIPAL	SURETY	OWNER
Company:			North San Joaquin Water Conservation District, a California Water Conservation District
Legal Status:			District
Address:			498 Kettleman Lane Lodi, CA 95240
City, State Zip:			

CONSTRUCTION CONTRACT:

Date:

Construction Contract Amount:

Description (Name & Locations):

BOND:

Date (Not earlier than Contract Date): ___/___/___(mm/dd/yyyy)

Percentage of Construction Contract Amount: Ten Percent (10%)

Bond Amount:

The Contractor as Principal, and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract as so executed, which is incorporated herein by reference.

WHEREAS, the Principal is required under the terms the Construction Contract to furnish, for a period of one (1) year following completion and acceptance by North San Joaquin Water Conservation District of the work to be performed under the Construction Contract, a warranty bond or other improvements security to insure Principal's full compliance with the warranty requirements of the Construction Contract, and equaling in amount ten percent (10%) of the total estimated costs of the works and improvements.

The condition of this obligation is such that if the above bounded Principal, its heirs, executors, administrators, successors, or assigns, shall in all things stand and abide by, and well and truly keep and perform the covenants, conditions, and provisions under the warranty provisions of the Construction Contract and any alteration thereof made as therein provided, on the Principal's part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meanings, and shall indemnify and save harmless the North San Joaquin Water Conservation District, its directors, officers, agents, and employees, as therein stipulated, thin this obligation shall be come null and void; otherwise it shall be and remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees incurred by the North San Joaquin Water Conservation District successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

The Surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Construction Contract or to the work to be performed thereunder or the specifications accompanying the same shall in anywise affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Construction Contract or to the work or to the specifications. The Surety hereby waives the provisions of the California Code Section 2819.

IN WITNESS THEREOF, the above bound parties have executed this instrument under their several seals this ____ day of, _____, 2022, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its authorized representative.

(Seal)

(Principal)

By: _____

Title: _____

Phone #: _____

(Seal)

(Surety)

By: _____

Title: _____

Phone #: _____

NAIC #: _____

CA ID #: _____

License #: _____

Note: The signature of the Surety must be acknowledged before a Notary Public. An executed Power of Attorney indicating that the Surety's representative is authorized to bind the Surety must accompany this Bond.

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT

PERMITS - PART VI

CONTRACTOR REQUIRED TO ACQUIRE SAN JOAQUIN COUNTY ENCROACHMENT PERMIT FOR THE ALPINE ROAD CROSSING.

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
PROPOSAL REQUIREMENTS, PLANS AND SPECIFICATIONS - PART V

North San Joaquin Water Conservation District is hereinafter called the Owner.

The work to be done referred to herein (Proposal Requirements, Plans and Specifications - V), is in the North San Joaquin Water Conservation District South System East of Alpine Road between E. Harney Lane and Highway 12, in San Joaquin County, State of California.

The work is to be constructed in accordance with the plans and specifications, the Contract, Part I - VI inclusive.

PART V shall be completed by the bidder, placed in a sealed envelope, and returned no later than **October 24, 2024, by 10:00 A.M.** to:

North San Joaquin Water Conservation District
Attn: Daniel de Graaf
498 East Kettleman Lane
Lodi, CA 95253

The envelope shall be clearly marked: PROPOSAL FOR: South System Improvements – Phase IIIB

The work to be done is shown on a set of Plans, entitled: South System Improvements - Phase IIIB.

Proposed start of construction, **December 1, 2024**. All bid items to be completed by **February 28, 2025**.

The undersigned, as CONTRACTOR, declares that the only persons, or parties interested in this proposal as principals are those named herein, that this proposal is made without collusion with any other person, firm or corporation; that he has carefully examined the location of the proposed work, in the annexed proposed form of contract, and the Plans therein referred to; and he proposes and agrees if this proposal is accepted, that he will contract with the Owner to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the contract in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment for final accepted bid items in paragraph B., below.

In submitting this Proposal, Bidder represents, as set forth in the Agreement, that:

- A. Bidder has examined and carefully studied: 1.) The project site, 2.) The contract, PART I -VI. 3.) Other related data identified in the Bid Item Descriptions (integral in this PART) and the following Checklist. The bidder acknowledges the following work is included in the TOTAL price inclusive of ALL bid items for the project (please check all that apply):

SOUTH SYSTEM IMPROVEMENTS – Phase IIIB

- Mobilization, Demobilization, Bonds and Insurance
- Worker Protection
- Miscellaneous Facilities and Operations
- 24” 100 PSI PVC
- Alpine Road Crossing
- Basin Excavation and Compaction
- Valves, Meters, and Appurtenances

***NOTE: See paragraph D for bid item descriptions for additional information.**

And;

- B. Bidder has visited the Site with the District Engineer and became familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work. A **mandatory** pre-bid meeting will be scheduled for **Tuesday October 8, 2024, at 2:00 P.M.** The meeting will begin at the recharge basin at the western end of the project.
- C. Bidder understands that District will be acquiring landowner easements and applicable permits for the construction of this project. Contractor’s bid should reflect the time and work required to coordinate with District on this effort as needed.

**North San Joaquin Water Conservation District
 SOUTH SYSTEM IMPROVEMENTS – PHASE IIIB**

BID SCHEDULE

SOUTH SYSTEM IMPROVEMENTS – Phase IIIB					
Item	Description	Quantity	Unit	Unit Price	Total
1.	Mobilization/Demobilization, Bonds, Insurance, and Permits	LUMP SUM			\$ _____
2.	Worker Protection	LUMP SUM			\$ _____
3.	Miscellaneous Facilities and Operations	LUMP SUM			\$ _____
4.	24" 100 PSI PVC	LF	3,800	\$ _____	\$ _____
5.	Alpine Road Crossing	LUMP SUM			\$ _____
6.	Basin Excavation and Compaction	LUMP SUM			\$ _____
7.	Valves, Meters, and Appurtenances	LUMP SUM			\$ _____
Total					\$ _____

ABBREVIATIONS USED IN ENGINEER'S ESTIMATE AND PROPOSAL SHEETS

CF	-	Cubic Foot (Feet)	SACK(S)	-	Sack(s)
CY	-	Cubic Yard(s)	STAYD	-	Station Yard(s)
EA	-	Each	SF	-	Square Foot (Feet)
LB(s)	-	Pound(s)	SY	-	Square Yard(s)
LF	-	Linear Foot (Feet)	TN	-	Ton(s)
LS	-	Lump Sum	MGAL	-	Million Gallon(s)
(F)	-	Final Pay Quantity*	(S)	-	Specialty Item
(S-F)	-	Specialty Item and Final Pay Quantity*	(F&I)	-	Furnish and Install

Bids are required for the entire work. Bids will be compared on the basis of the Base Bid amount and the experience and qualifications of the Contractor. The District reserves the right to award or not award the project or to award portions of the project.

The bidder shall set forth for each item of work, in clearly legible figures, total for the item in the respective spaces provided for this purpose. The "Total" column shall be the sum of all unit prices bid. If the total cost of any item, or the total bid, is inconsistent with the Unit Cost, or the sum of the Unit Costs, the Unit Costs shall prevail.

If this proposal shall be accepted and the undersigned shall fail to contract, as aforesaid, and to give the two bonds in the sums to be determined as aforesaid, with surety satisfactory to the Owner, within ten (10) days not including Sundays and legal holidays, after the bidder has received notice of award of the contract, the Owner, at its option, may determine that the bidder has abandoned the contract, and thereupon this proposal and the acceptance thereof shall be null and void, and the forfeiture of such security accompanying this proposal shall operate and the same shall be the property of the Owner.

And;

D. Bid Item Descriptions:

Bid Item 1 – Mobilization, Demobilization, Bonds and Insurance, Permits: 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, personnel and incidentals from the project at the end of construction. Payment shall not exceed 5% of the bidder's total proposal. Payment for mobilization shall be made with the first progress payment and shall not exceed 80 percent of the 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.

Bid Item 2 – Worker Protection: Payment for this item shall be considered full compensation for all labor, materials, tools, equipment and incidentals for providing for worker protection from caving ground in excavations and other hazards that may occur during construction, in accordance with the Plans and specifications. This bid item will be paid for by lump sum, prorated, based on percentage of contract work completed.

Bid Item 3 – Miscellaneous Facilities and Operations: This bid item includes provisions for de-watering, maintaining drainage, temporary storm and flood water control, traffic control, dust control, construction and removal of temporary security fencing, construction of staging areas, protection of existing facilities, furnishing and installing project sign, maintaining and providing the record documents, general project clean up, and all costs for miscellaneous work shown and described in the Contract Documents, not included in other bid items. This bid item will be paid for on a lump sum basis.

Bid Item 4 – 24” 100 PSI PVC: This item includes furnishing all labor, equipment, tools and materials required to install 3,800 Linear Feet of 24” 100 PSI PVC, and other incidentals required to install the pipe and air vents as detailed on the Plans. Pipe shall be buried with a minimum 36” of cover and shall have a minimum 12” of clearance between the pipe and edge of trench on each side of pipe. This bid item will be paid for per linear foot of installed pipe.

Bid Item 5 – Alpine Road Crossing: This item includes furnishing all labor, equipment, tools and materials required to install the 24” PVC Alpine Road Crossing as detailed on the Plans. This item includes preparing shop drawings, acquiring a San Joaquin County Encroachment permit, construction and installation of a 24” 100 PSI PVC road crossing per San Joaquin County standards, and other incidentals required to install the crossing as detailed on the Plans. This bid item will be paid for on a lump sum basis.

Bid Item 6 – Basin Excavation and Compaction: This item includes furnishing all labor, equipment, tools, and materials required to construct the basin and levees as detailed on the plans. This item includes clearing and grubbing the site, over-excavation of the levee footprint, scarification and compaction of the levee base, placement of the compacted fill, and deep ripping the basin bottom upon completion of grading. This bid item will be paid for on a lump sum basis.

Bid Item 7 – Valves, Meters, and Appurtenances: This item includes furnishing all labor, equipment, tools, and materials required to construct the basin valves, meters, piping, and discharge facilities as detailed on the plans. This item includes construction of two turnout structures with Rubicon BM-600 24” Blade Meters, discharge piping, removal of the existing 24” discharge pipe, salvage of the existing 24” valve, installation of +/-440 LF of 24” 100 PSI PVC, 2” electrical conduits, bollards, and a concrete pad. This bid item will be paid for on a lump sum basis.

Questions regarding this proposal can be directed to de Graaf Engineering, Inc., Attn: Daniel de Graaf by email at daniel@degraafengineeringinc.com. All questions shall be submitted no later than **October 15, 2024, at 5:00 P.M.**

A Bid Bond is not required of Contractor to submit proposal. Performance and payment bonds will be required by the Contractor upon executing this contract with the District, costs of such bonds shall be considered part of the total contract price. The District reserves the right to accept or reject all proposal(s), in whole or part, without cause or justification concerning this informal proposal. District will base the award of this contract on schedule, price, and qualifications of the bidder. Incomplete proposals will be considered non-responsive.

BIDDER: _____

The names of all persons interested in the foregoing proposals as principals are as follows:

IMPORTANT NOTICE: If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if bidder or other interested person is an individual, state first and last name in full.

Licensed in accordance with an act providing for the registration of Contractors,

Class _____ License No. _____

Contractor's DIR Registration Number: _____

By _____ Dated _____
Signature of Bidder

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the seal and signature of the officer or officers authorized to sign contracts on behalf of the corporation; if bidder is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the co-partnership; and if bidder is an individual, his signature shall be placed above. If signature is by an agent, other than an officer of a corporation or member of a partnership, a Power of Attorney must be on file with the Owner prior to opening bids or submitted with the bid; otherwise, the bid will be disregarded as irregular and unauthorized.

BUSINESS ADDRESS: _____

MAILING ADDRESS: _____

BUSINESS PHONE: _____

CONTACT NAME: _____

CONTACT EMAIL: _____

END OF PART V



DRAFT - ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT

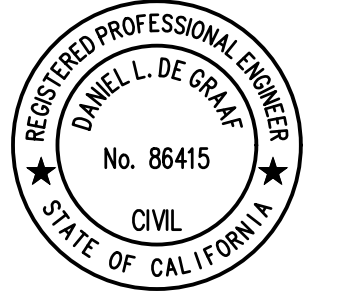
SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB

No.	Description	Quantity	Unit	Unit Price	Total
General					
1	Mobilization, Demobilization, Bonds and Insurance	1	LS	\$ 24,000.00	\$ 24,000.00
2	Worker Protection	1	LS	\$ 10,000.00	\$ 10,000.00
3	Miscellaneous Facilities and Operations	1	LS	\$ 10,000.00	\$ 10,000.00
				Subtotal	\$ 44,000.00
PVC Pipeline					
4	24" 100 PSI PIP PVC	3800	LF	\$ 110.00	\$ 418,000.00
5	Vents	5	EA	\$ 5,000.00	\$ 25,000.00
6	Road Crossing @ Alpine RD	1	LS	\$ 35,000.00	\$ 35,000.00
				Subtotal	\$ 478,000.00
Basin					
7	Excavation and Compaction	3800	CY	\$ 10.00	\$ 38,000.00
8	Valves, meters and appurtenances	1	LS	\$ 200,000.00	\$ 200,000.00
				Subtotal	\$ 238,000.00
				Construction Subtotal	\$ 760,000.00
Contingency					
9	10% Contingency	1	LS	\$ 76,000.00	\$ 76,000.00
				Construction Subtotal W/ Contingency	\$ 836,000.00

NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB

SAN JOAQUIN COUNTY



DATE SIGNED: _____

**BID SET
NOT FOR CONSTRUCTION**
#####

NO.	REVISION	DATE
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**Know what's below.
Call before you dig.**

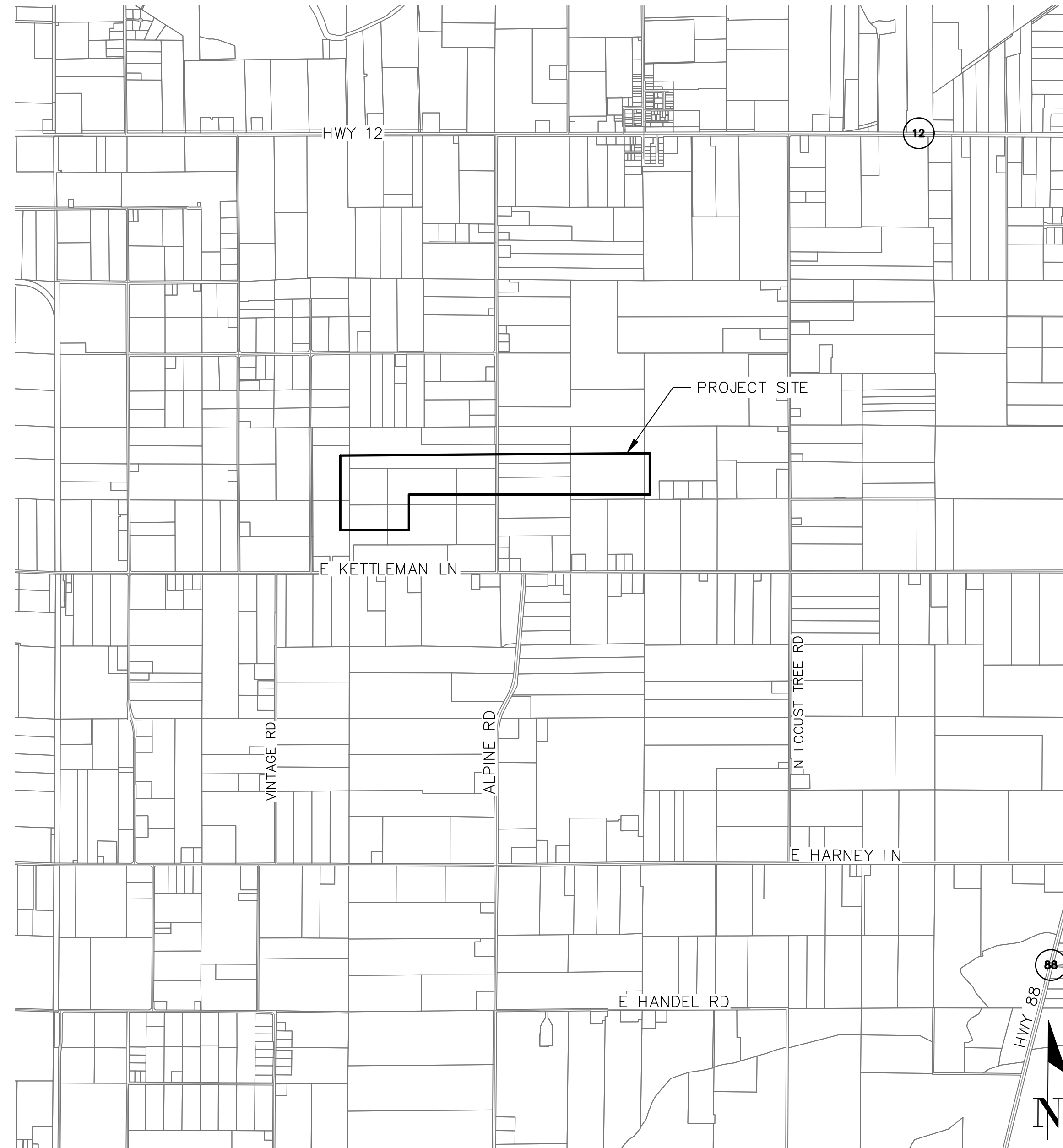
**GENERAL
1 COVER**

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT:	####
DRAWN BY:	GJ
CHECKED BY:	DD
DATE:	#####

SHEET
----- OF **8**

SHEET INDEX	
SHEET NO.	DESCRIPTION
1	COVER
2	TECHNICAL SPECIFICATIONS
3	KEY MAP AND LEGEND
4	PLAN AND PROFILE
5	PLAN AND PROFILE
6	PLAN AND PROFILE
7	GRADING DETAIL
8	CONSTRUCTION DETAILS



VICINITY MAP
NOT TO SCALE

GENERAL NOTES

- 1: NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT (NSJWCD) SHALL BE CONTACTED AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK ON OR NEAR EXISTING DISTRICT FACILITIES.
- 2: USED MATERIAL, REJECTS, MISFITS, SECONDS, ETC. ARE NOT ACCEPTABLE FOR USE.
- 3: ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THESE PLANS AND PROJECT SPECIFICATIONS.
- 4: 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. WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.
- 5: CONCRETE DESIGN MIX SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL. ALL CONCRETE SHALL HAVE A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI UNLESS OTHERWISE SPECIFIED.
- 6: TRENCH BACKFILL SHALL BE COMPACTED TO 90% RELATIVE COMPACTION UNLESS OTHERWISE NOTED IN THESE PLANS.
- 7: ALL STEEL PIPE AND FITTINGS SHALL BE FURNISHED WITH A SHOP APPLIED HIGH SOLIDS EPOXY COATING ON THE INTERIOR AND EXTERIOR, UNLESS OTHERWISE INDICATED. ALL OTHER EXPOSED STEEL SHALL BE PAINTED WITH A PRE-TREATMENT PRIMER, AN UNDERCOAT, AND A FINAL COAT OF PAINT IN ACCORDANCE WITH THESE PLANS.
- 8: ALL NUTS, BOLTS, AND WASHERS USED TO SECURE UNDERGROUND FITTINGS SHALL BE STAINLESS STEEL. AFTER INSTALLATION, ALL STEEL HARDWARE SHALL BE COATED WITH A RUST PREVENTATIVE, WRAPPED WITH 4 MIL POLYETHYLENE SHEETING, AND SECURED WITH PVC TAPE.
- 9: THRUST RESTRAINTS TO BE PROVIDED AT ALL PIPELINE BENDS, WHETHER OR NOT SHOWN ON THE PLANS.
- 10: ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS OF THE STATE OF CALIFORNIA AND CAL/OSHA STANDARDS.
- 11: CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OF ALL PIPELINE CRACKS, WHICH DEVELOP DURING CONSTRUCTION OF IMPROVEMENTS AFFECTING EXISTING FACILITIES.
- 12: ALL EXCESS MATERIAL AND/OR DEBRIS SHALL BE REMOVED UPON COMPLETION OF INSTALLATION.
- 13: CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE DUST CONTROL AT ALL TIMES.

SITE SAFETY AND PROTECTION NOTES

- 1: THE DUTY OF THE ENGINEER, OWNER OR ITS AGENTS TO CONDUCT CONSTRUCTION OF THE CONTRACTOR'S PERFORMANCE AND THE UNDERTAKING 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 NO 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.
- 2: THE CONTRACTOR SHALL HAVE AT THE WORK SITE, COPIES OR SUITABLE EXTRACTS OF CONSTRUCTION SAFETY ORDERS, ISSUED BY CAL-OSHA. CONTRACTOR SHALL COMPLY WITH PROVISIONS OF THESE AND ALL OTHER APPLICABLE LAWS, ORDINANCES AND REGULATIONS. THE CONTRACTOR MUST COMPLY WITH PROVISIONS OF THE SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, PROMULGATED BY THE SECRETARY OF LABOR UNDER SECTION 107 OF THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT, AS SET FORTH IN TITLE 29 C.F.R.
- 3: 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 WOK UNDER THE CONTRACT.
- 4: THE CONTRACTOR ALONE SHALL BE RESPONSIBLE FOR THE SAFETY, EFFICIENCY, AND ADEQUACY OF CONTRACTOR'S FACILITIES, APPLIANCES, AND METHODS AND FOR ANY DAMAGE, WHICH MAY RESULT FROM THEIR FAILURE OR THEIR IMPROPER CONSTRUCTION, MAINTENANCE, OR OPERATION.
- 5: 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, ENGINEER, 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.
- 6: THE OWNER AND ITS AGENTS' SITE RESPONSIBILITIES ARE LIMITED SOLELY TO THE ACTIVITIES OF THEIR EMPLOYEES ON SITE. THE RESPONSIBILITIES SHALL NO 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.

UNDERGROUND FACILITIES:

- A. **SHOWN AND INDICATED:** THE INFORMATION AND DATA SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS BASED ON INFORMATION AND DATA FURNISHED TO OWNER OR ENGINEER BY THE OWNERS OF SUCH UNDERGROUND FACILITIES, INCLUDING OWNER, OR BY OTHERS.
- OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA; AND
 - THE COST OF ALL OF THE FOLLOWING WILL BE INCLUDED IN THE CONTRACT PRICE, AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR:
 - REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA,
 - LOCATING ALL UNDERGROUND FACILITIES SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS,
 - COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES, INCLUDING OWNER, DURING CONSTRUCTION, AND
 - THE SAFETY AND PROTECTION OF ALL SUCH UNDERGROUND FACILITIES AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK.
- B. **NOT SHOWN OR INDICATED:** IF ANY UNDERGROUND FACILITY IS UNCOVERED OR REVELED AT OR CONTIGUOUS TO THE SITE WHICH WAS NOT SHOWN OR INDICATED WITH REASONABLE ACCURACY THE CONTRACTOR SHALL:
- DEVELOP AND EXECUTE A WORK-PLAN, SUBJECT TO ENGINEER'S APPROVAL TO PROTECT UNDERGROUND FACILITIES.
 - EXPOSE, PRIOR TO STAKING AND TRENCHING, ALL EXISTING UTILITIES AND EXISTING FACILITIES WHICH MAY CONTROL PROPOSED FACILITY GRADES, AND ALIGNMENT. TWO WORKING DAYS NOTICE SHALL BE GIVEN TO THE ENGINEER PRIOR TO COMMENCING THIS WORK.
 - FULL COMPENSATION FOR ALL COSTS INVOLVED IN LOCATION, VERIFYING, PROTECTING, EXPOSING, AND OTHERWISE PROVIDING FOR UTILITIES SHALL BE INCLUDED IN THE AMOUNTS BID FOR THE VARIOUS ITEMS OF WORK, AND NO SEPARATE PAYMENT SHALL BE MADE THEREFORE.

DISPOSAL OF MATERIALS

- A. GENERAL
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND DISPOSAL OF WASTE MATERIALS AND RUBBISH. THE DISPOSAL OF WASTE MATERIALS AND RUBBISH SHALL BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, AND WITH THE REQUIREMENTS OF THIS PARAGRAPH. SHOULD A CONFLICT EXIST IN THE REQUIREMENT FOR CLEANUP AND DISPOSAL OF WASTE MATERIALS, THE MOST STRINGENT REQUIREMENT SHALL APPLY.
 - THE CONTRACTOR SHALL KEEP RECORDS OF THE TYPES AND AMOUNTS OF WASTE MATERIALS PRODUCED, AND OF THE DISPOSAL OF ALL WASTE MATERIALS ON OR OFF THE JOBSITE.
 - THE COST OF DISPOSING OF WASTE MATERIALS OTHER THAN UNSUITABLE MATERIALS SHALL BE INCLUDED IN THE PRICES BID IN THE SCHEDULE FOR OTHER ITEMS OF WORK.
- B. DISPOSAL OF EXCAVATED MATERIAL
- ALL EXCESS EXCAVATED MATERIAL SHALL BE HAULED OFF SITE TO A LOCATION SELECTED BY THE CONTRACTOR.
 - ALL UNSUITABLE MATERIAL SHALL BE HAULED OFF-SITE AND PROPERLY DISPOSED.
- C. DISPOSAL OF CONCRETE AND A.C. SURFACING
- ALL CONCRETE AND A.C. PAVEMENT REMOVED FROM THE PROJECT SITE SHALL BE DISPOSED OF AT A SITE OBTAINED BY THE CONTRACTOR. NO RECYCLABLE MATERIAL SHALL BE DISPOSED OF AT ANY LANDFILL. ALL DISPOSABLE RECYCLABLE MATERIALS SHALL BE DISPOSED IN A MANNER THAT FACILITATES RECYCLING, PAYMENT FOR DISPOSAL, INCLUDING ALL COSTS OF HAULING, SHALL BE INCLUDED IN THE PRICES BID IN THE SCHEDULE FOR OTHER ITEMS OF WORK.
- D. DISPOSAL OF OTHER DEBRIS
- ALL OIL CAKE, WOOD DEBRIS, STRUCTURE DEMOLITION, VEGETATION AND ANY OTHER DEBRIS REMOVED FROM THE PROJECT SITE SHALL BE LEGALLY DISPOSED OF AT A SITE(S) OBTAINED BY THE CONTRACTOR. DISPOSAL SITE(S) SHALL BE PROPERLY LICENSED AND PERMITTED FACILITY PURSUANT TO STATE AND LOCAL REGULATION FOR PURPOSES OF ACCEPTING DELIVERY OF THE RESPECTIVE MATERIALS.
- E. DISPOSAL OF HAZARDOUS WASTE AND MATERIALS
- MATERIALS OR WASTES, DEFINED AS HAZARDOUS BY 40 CFR 261.3, OR BY OTHER FEDERAL, STATE, OR LOCAL LAWS OR REGULATIONS, USED BY THE CONTRACTOR OR DISCOVERED IN WORK OR STORAGE AREAS, SHALL BE DISPOSED OF IN ACCORDANCE WITH THESE SPECIFICATIONS, FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. UNKNOWN WASTE MATERIALS THAT MAY BE HAZARDOUS SHALL BE TESTED, AND THE TEST RESULTS SHALL BE SUBMITTED TO OWNER'S REPRESENTATIVE FOR REVIEW.
 - WASTE MATERIALS DISCOVERED AT THE CONSTRUCTION SITE SHALL IMMEDIATELY BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF THE WASTE MAY BE HAZARDOUS, THE OWNER'S REPRESENTATIVE MAY ORDER DELAYS IN THE TIME OF PERFORMANCE OR CHANGES IN THE WORK, OR BOTH. IF SUCH DELAYS OR CHANGES ARE ORDERED, AND EQUITABLE ADJUSTMENT WILL BE MADE IN THE CONTRACT IN ACCORDANCE WITH THE APPLICABLE CLAUSES OF THE CONTRACT.
- F. CLEANUP
- THE CONTRACTOR SHALL KEEP WORK AND STORAGE AREAS FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH, AND BEFORE COMPLETING THE WORK, SHALL REMOVE ALL PLANT FACILITIES, BUILDING, INCLUDING CONCRETE FOOTINGS AND SLABS, RUBBISH, UNUSED MATERIALS, CONCRETE FORMS, AND OTHER LIKE MATERIALS, WHICH ARE NOT A PART OF THE PERMANENT WORK.
 - UPON COMPLETION OF THE WORK AND FOLLOWING REMOVAL OF CONSTRUCTION FACILITIES AND REQUIRED CLEAN UP, WORK AREAS SHALL BE REGRADED AND LEFT IN A NEAT MANNER CONFORMING TO THE NATURAL APPEARANCE OF THE LANDSCAPE.

CONCRETE FORMWORK

- A. FORM CONSTRUCTION
- BUILD FORMS TO EXACT SHAPES, SIZES, LINES, AND DIMENSIONS AS REQUIRED TO OBTAIN ACCURATE ALIGNMENT, LOCATION AND GRADES, AND LEVEL AND PLUMB WORK IN FINISHED STRUCTURES. PROVIDE FOR OPENINGS, OFFSETS, KEYWAYS, RECESSES, MOLDINGS, CHAMFERS, BLOCKING, JOINT SCREEDS, BULKHEADS, ANCHORAGES, AND OTHER REQUIRED FEATURES. MAKE FORMS EASILY REMOVABLE WITHOUT HAMMERING OR PRYING AGAINST CONCRETE. USE APPROVED METAL SPREADER TO PROVIDE ACCURATE SPREADING OF FORMS. CONSTRUCT FORMS SO THAT NO SAGGING, LEAKAGE, OR DISPLACEMENT OCCURS DURING AND AFTER POURING OF CONCRETE. COAT FORMS WITH SPECIFIED COATING MATERIAL ONLY PRIOR TO PLACEMENT OF REINFORCEMENT STEEL; DO NOT ALLOW COATING TO CONTACT REINFORCING BARS.
 - FORM JOINTS AND HAND TIE HOLES. SEAL JOINTS BETWEEN FORM PANELS AND AROUND TIES UNLESS TIES FULLY SEAL TIE HOLES IN FORMS.
 - PROVIDE 3/8 INCH CHAMFERS AT ALL EXPOSED OUTSIDE CORNERS.
- B. FORM COATING
- FORM COATING COMPOUNDS SHALL BE BIODEGRADABLE, NON-GRAIN RAISING AND NON-STAINING RESIN OR POLYMER TYPE THAT WILL NOT HAVE RESIDUAL MATTER ON SURFACE OF CONCRETE OR ADVERSELY AFFECT BONDING TO CONCRETE OF PAINT, PLASTER, MORTAR, PROTECTIVE COATINGS, WATERPROOFING, OR OTHER APPLIED MATERIALS.
- C. FORM TIES
- PROVIDE COMMERCIAL MANUFACTURES, PREFABRICATED ROD, SNAP-OFF, OR THREADED INTERNAL DISCONNECTING TYPE OF TENSILE STRENGTH TO RESIST ALL IMPOSED LOADS. USE ONLY TIES THAT LEAVE NO METAL WITHING 1-1/2-INCH OF CONCRETE SURFACE AFTER REMOVAL. EMPLOY SNAP-OFF TYPE TIES HAVING INTEGRAL WASHER SPREADERS OF DIAMETER TO FULLY CLOSE TIE HOLES IN FORMS.
- D. REMOVAL OF FORMS AND SHORING
- DO NOT REMOVE FORMS OR SHORING UNTIL CONCRETE HAS ATTAINED SUFFICIENT STRENGTH TO SUPPORT ITS OWN WEIGHT AND ALL IMPOSED CONSTRUCTION AND PERMANENT LOADS.
 - MINIMUM TIME BEFORE FORM REMOVAL FOR WALLS SHALL BE 48 HOURS.
 - ALL FORM MATERIALS, DURING STRIPPING OF FORMS BELOW FINISH GRADE, SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE APPROVED BY ENGINEER.
 - DO NOT IMPOSE CONSTRUCTION, EQUIPMENT, OR PERMANENT LOADS UNTIL CONCRETE HAS ATTAINED THE 28 DAY DESIGN COMPRESSIVE STRENGTH.

REINFORCING

- A. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 TYPE "S".
- B. PLACING
- CONCRETE COVERAGE OVER REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318 UNLESS OTHERWISE SHOWN ON THE DRAWINGS. MEASURE THE COVERAGE TO THE OUTER EDGE OF TIES, STIRRUPS, BAR SPACERS, HANGERS, AND LIKE ITEMS, AND DETAIL AND FABRICATE THE REINFORCING ACCORDINGLY.
 - ACCURATELY PLACE REINFORCEMENT AND SECURELY WIRE TIE IN PRECISE POSITION AT ALL POINTS WHERE BARS CROSS. TIE STIRRUPS TO BARS AT BOTH TOP AND BOTTOM. BEND ENDS OF BINDING WIRES INWARD, ALLOWING NO ENCRoACHMENT ON THE CONCRETE COVER; EXERCISE SPECIAL CARE AT SURFACES TO REMAIN EXPOSED AND UNPAINTED.
 - PROVIDE WIRED CONTACT LAP SPLICES UNLESS OTHERWISE INDICATED OR APPROVED. PROVIDE LAP LENGTHS AS SPECIFIED ON THE DRAWINGS.
- C. CAST IN PLACE CONCRETE
- A. CONCRETE
- CONCRETE SHALL CONFORM TO SECTION 90 OF THE STATE STANDARD SPECIFICATIONS. UNLESS OTHERWISE SHOWN OR SPECIFIED, ALL CONCRETE SHALL CONTAIN NOT LESS THAN 611 POUNDS OF PORTLAND CEMENT PER CUBIT YARD OF CONCRETE (6-1/2 SACK) WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI.
 - SLUMP AT PLACEMENT SHALL BE 4 INCHES.
- B. AGGREGATE
- AGGREGATE FOR NORMAL WEIGH CONCRETE SHALL CONFORM TO ASTM C-33. AGGREGATES SHALL BE FRE OF DIRT, CLAY BALLS, ROOTS, BARK AND OTHER DELETERIOUS SUBSTANCES AND SHALL BE THOROUGHLY WASHED BEFORE USE.
- C. WATER
- WATER SHALL BE CLEAN AND FREE FROM INJURIOUS AMOUNTS OF ACIDS, ALKALIS, SALTS, OILS, ORGANIC MATERIALS OR OTHER DELETERIOUS SUBSTANCES.
- D. PLACING
- ALL CONCRETE SHALL BE PLACED BEFORE IT HAS TAKEN ITS INITIAL SET AND BE PLACED IN HORIZONTAL LAYERS AND IN SUCH A MANNER AS TO AVOID SEGREGATION.
 - CONCRETE SHALL BE DEPOSITED AS NEARLY AS POSSIBLE IN ITS FINAL POSITION. DROP CHUTES AND ELEPHANT TRUNKS SHALL BE USED ON DROPS GREATER THAN 5 FEET. CONCRETE SHALL BE PLACED AT SUCH A RATE THAT ALL CONCRETE IN THE SAME LIFT WILL BE DEPOSITED ON PLASTIC CONCRETE. THE CONCRETE COMPRISING EACH UNIT OF WORK SHALL BE PLACED IN A CONTINUOUS LIFT.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS (1 WORKING DAY) PRIOR TO CONCRETE PLACEMENT.
 - FORM WORK AND REINFORCING STEEL PLACEMENT SHALL BE APPROVED BY THE ENGINEER PRIOR TO ORDERING CONCRETE.
- E. CONSTRUCTION JOINTS
- AT ENDS OF THE FIRST CONCRETE POUR, PROVIDE FORMS THAT POSITIVELY LOCATE ANY WATERSTOP. ENSURE THE END FORMS OF WALLS ARE REMOVABLE WITHOUT RELEASING THE SIDE FORMS. PROVIDE SEALS AROUND REINFORCEMENT AND WATER STOP TO PREVENT MORTAR LEAKS.
 - OVERLAP THE HARDENED CONCRETE OF THE FIRST POUR WITH FORMS FOR THE SECOND POUR. BRACE THE ENDS OF THE FORM AGAINST THE HARDENED CONCRETE TO PREVENT JOINT OFFSETS AND MORTAR LEAKAGE. ALIGN ANY EXTERIOR FEATURES REQUIRED ON THE FINISHED SURFACE.
 - PROVIDE JOINTS AS SHOWN ON THE DRAWINGS, AS REQUIRED FOR CONSTRUCTABILITY, AFTER FAVORABLE REVIEW OF LAYOUT, SEQUENCE AND CONCRETE PLACEMENT PROGRAM.
 - PROVIDE MINIMUM 2 DAYS CURE TIME BEFORE PLACEMENT OF SECOND POUR.
- RUBBER GASKETED REINFORCED CONCRETE PIPE (RGRCP)
- A. RGRCP SHALL CONFORM TO THE SPECIFICATION FOR REINFORCED CONCRETE LOW PRESSURE PIPE, ASTM DESIGNATION C361. CIRCULAR REINFORCEMENT SHALL BE USED, USE OF ELLIPTICAL REINFORCEMENT IN THE PIPE IN 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 THREE (3) UP TO FIVE (5) FEET - CLASS A-25
 - DEPTH OVER THE TOP OF PIPE FROM FIVE (5) UP TO TEN (10) FEET - CLASS B-25
- B. EACH JOINT SHALL BE MARKED WITH THE FOLLOWING INFORMATION
- THE NAME OR TRADEMARK OF THE MANUFACTURER
 - CLASS AND SIZE OF PIPE
 - CONFORMANCE WITH ASTM STANDARDS
 - THE TYPE OF CEMENT
 - THE DATE OF MANUFACTURE OF THE PIPE
- C. THE PIPE SHALL BE TESTED IN THE FACTORY PER ASTM C-361.
- D. RUBBER GASKETED JOINTS SHALL CONFORM TO THE REQUIREMENT OF ASTM DESIGNATION C-361, 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 BY THE MANUFACTURER OF THE PIPE.



DE GRAAF
ENGINEERING, INC.

DEGRAAFENGINEERINGINC.COM
P.O. BOX 87 RIPON, CA 95366
(209) 614-2745



DATE SIGNED: _____

**BID SET
NOT FOR CONSTRUCTION**
###/###/####

NO.	REVISION	DATE



**Know what's below.
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GENERAL

2 TECHNICAL SPECIFICATIONS

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

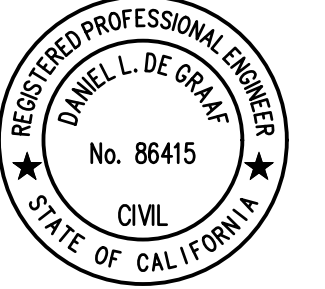
PROJECT:	####
DRAWN BY:	GJ
CHECKED BY:	DD
DATE:	##/##/####

SHEET _____ OF **8**



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ENGINEERING, INC.

DEGRAAFENGINEERINGINC.COM
P.O. BOX 87 RIPON, CA 95366
(209) 614-2745



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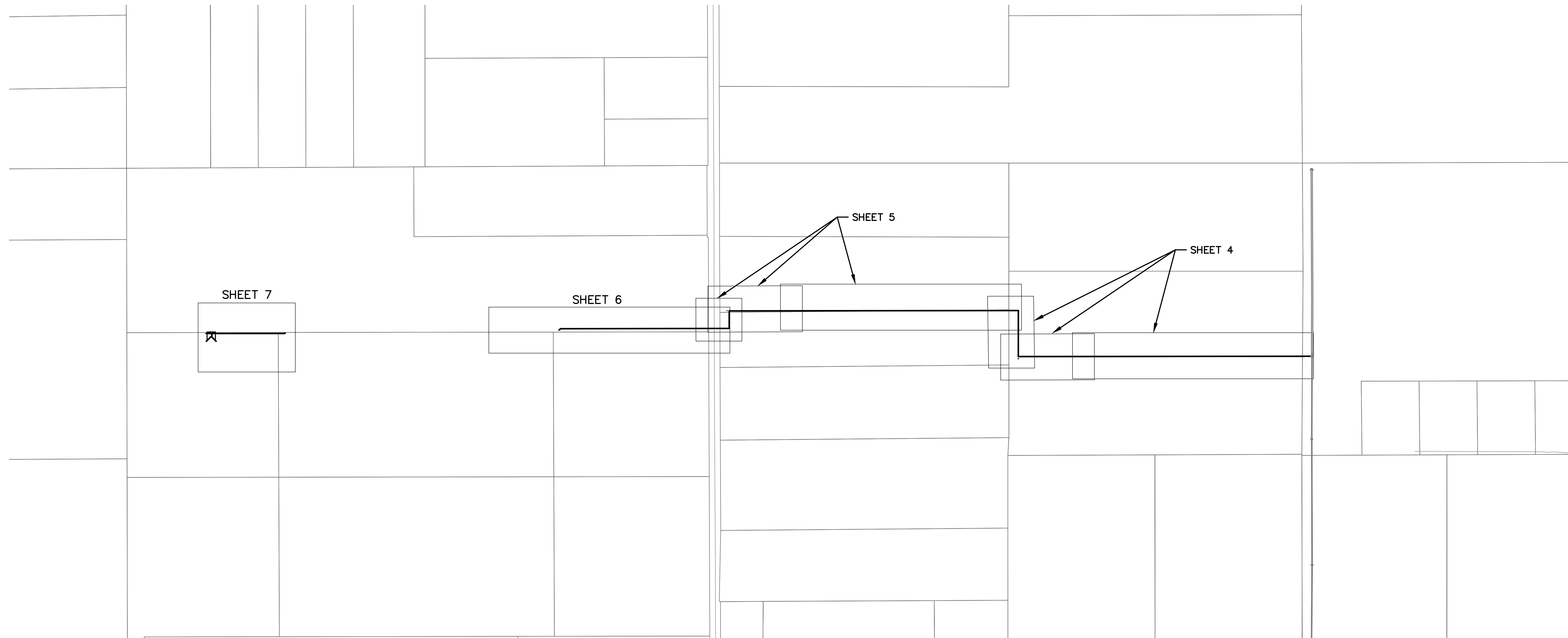
Know what's below.
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**GENERAL
KEY MAP AND LEGEND**

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT:	---
DRAWN BY:	GJ
CHECKED BY:	DD
DATE:	09/09/2024

SHEET
3 OF **8**



ABBREVIATIONS

APN	ASSESSOR'S PARCEL NUMBER
CIP	CAST IN PLACE
DEMO	DEMOLISH/DEMOLITION
(E)	EXISTING
E	EAST
EG	EXISTING GRADE
E.W.	EACH WAY
F&I	FURNISH AND INSTALL
IRR	IRRIGATION
LF	LINEAR FEET
MIN	MINIMUM
N	NORTH
O.C.	OFF CENTER
OH	OVERHEAD
(P)	PROPOSED
PL	PROPERTY LINE
RGRCP	RUBBER GASKETED REINFORCED CONCRETE PIPE
S	SOUTH/SLOPE
SD	STORM DRAIN
STA	STATION
TYP	TYPICAL
W	WEST/WATER

DESCRIPTION

CONTOUR-MAJOR	---	---
CONTOUR-MINOR	---	---
EASEMENT	---	---
FENCE (BARBED WIRE)	-x-x-	-x-x-
FENCE (CHAIN LINK)	-o-o-	-o-o-
GRADE BREAK	---	---
IRRIGATION LINE	---IRR---	---XX" IRR---
PAVEMENT EDGE-ASPHALT	---	---
PAVEMENT EDGE-CONCRETE	---	---
PAVEMENT EDGE-DIRT ROAD	---	---
PAVEMENT EDGE-GRAVEL	---	---
POWER LINE-OVERHEAD	---OH---	---XX" OH---
PROPERTY LINE	---	---
STORM DRAIN LINE	---SD---	---XX" SD---

(E) LINETYPE

(P) LINETYPE



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TECKLENBURG LATERAL PIPE PROFILES

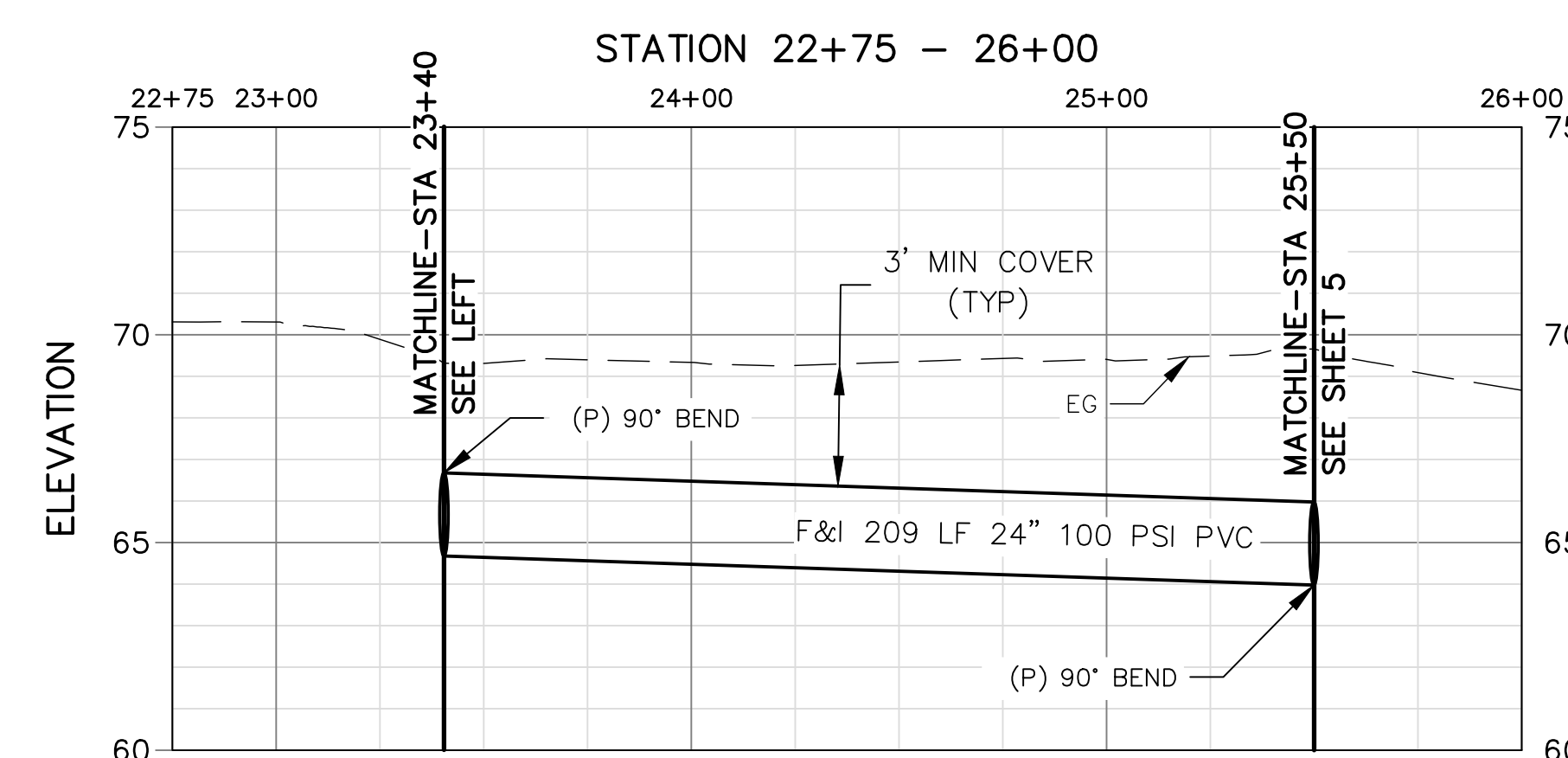
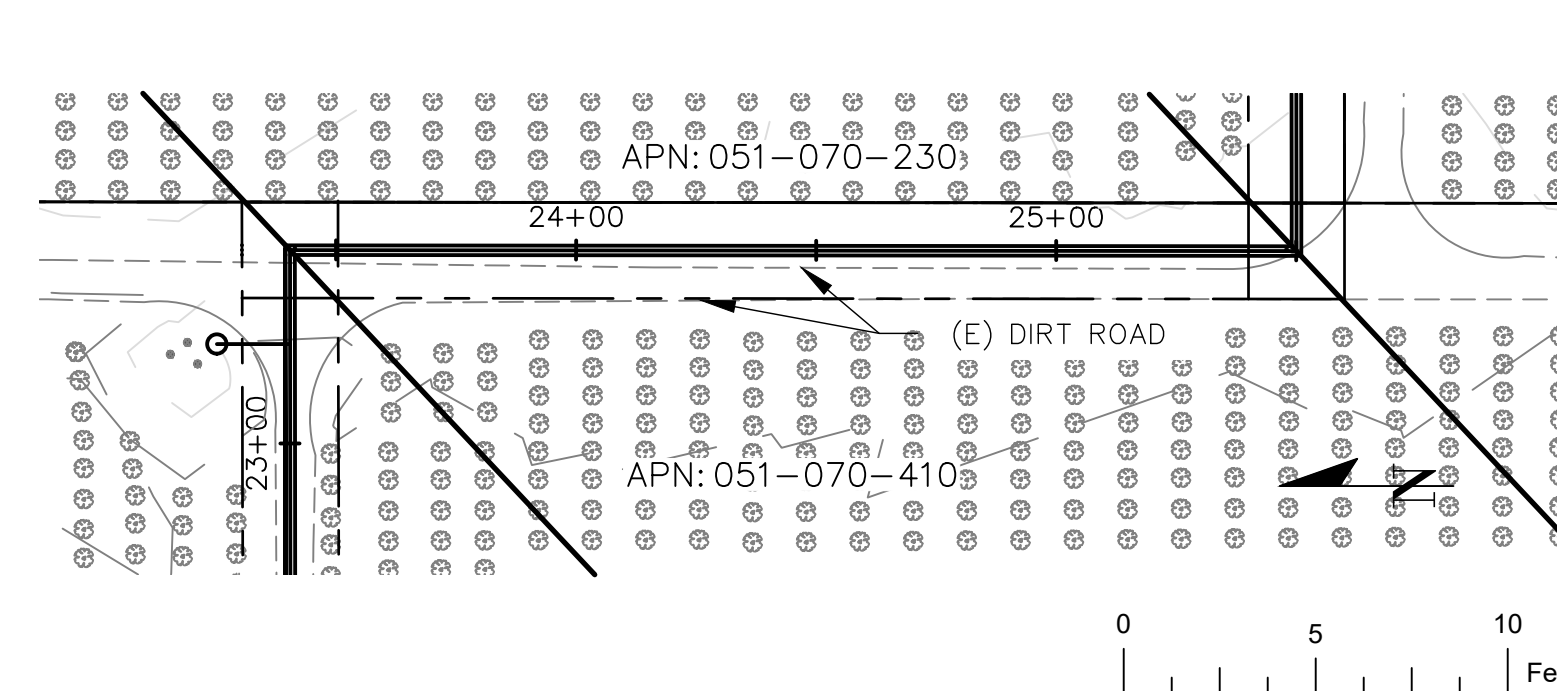
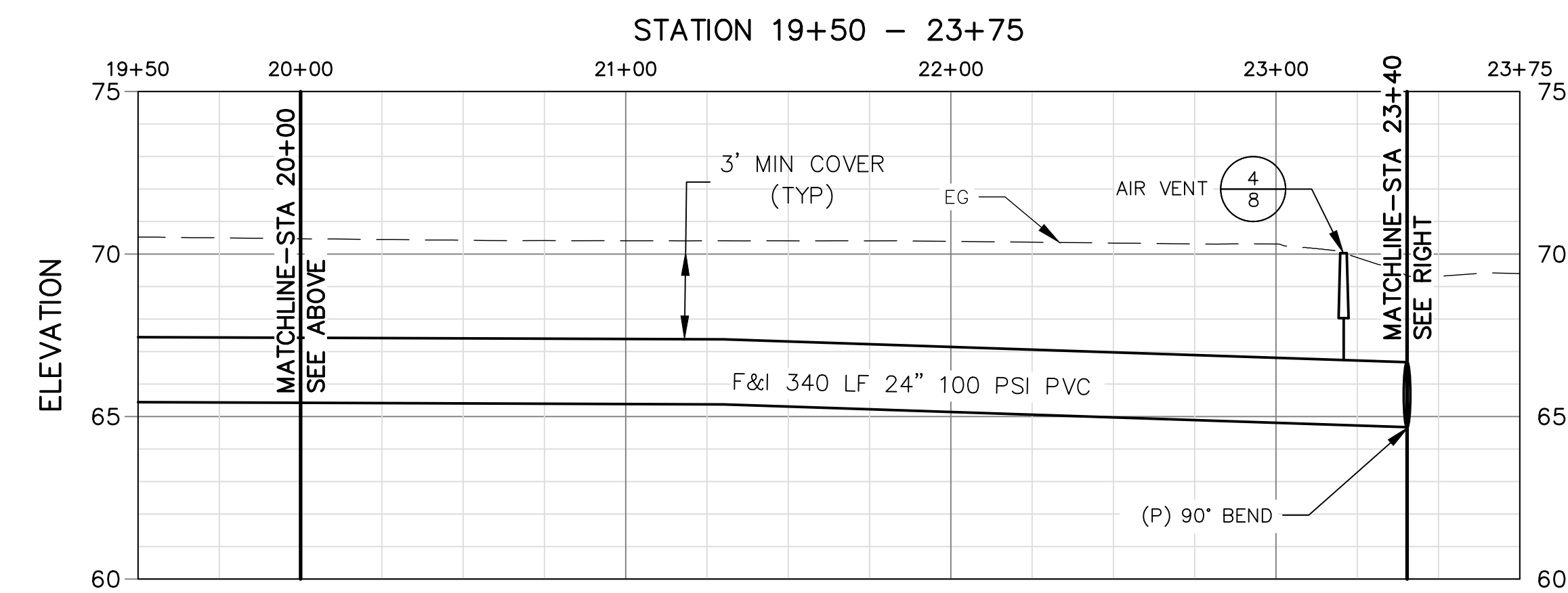
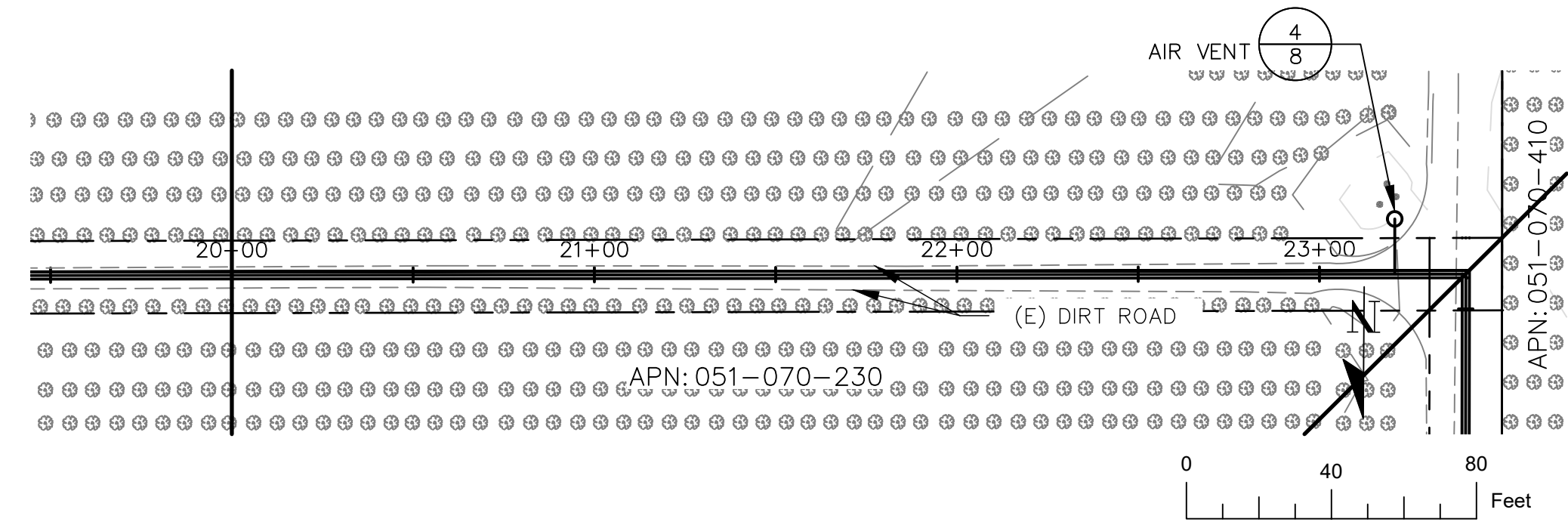
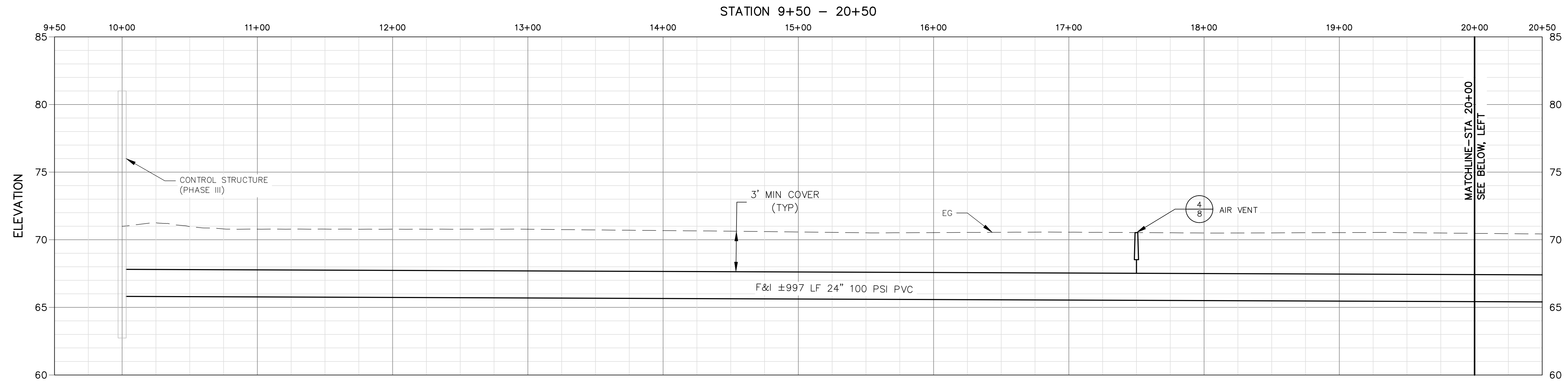
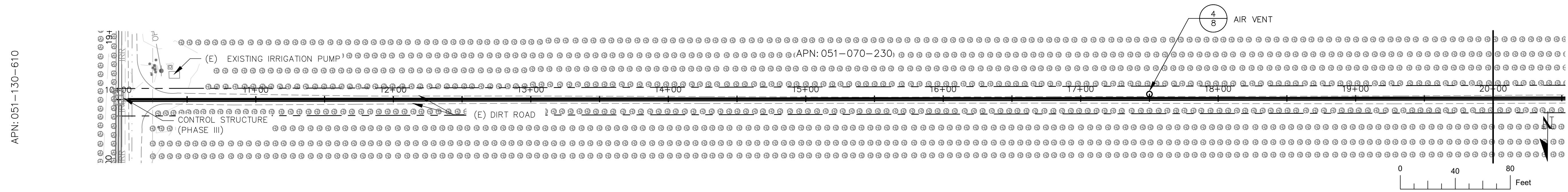
PIPE PLAN AND PROFILE

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT: ---
DRAWN BY: GJ
CHECKED BY: DD
DATE: 09/09/2024

SHEET

4 OF 8





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09/09/2024

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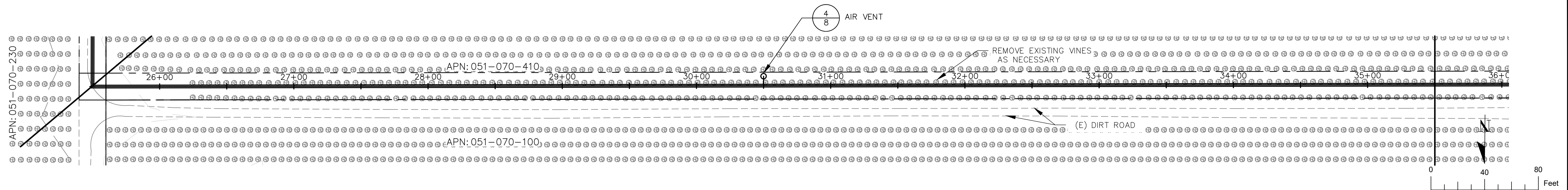
TECKLENBURG LATERAL PIPE PROFILES

PIPE PLAN AND PROFILE

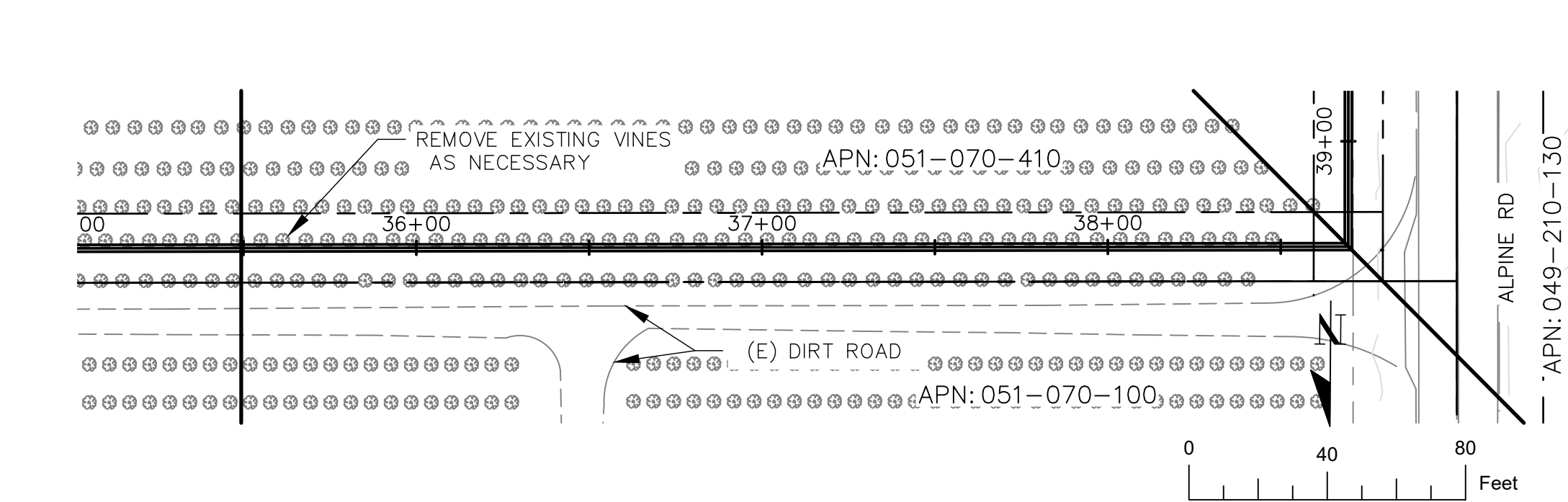
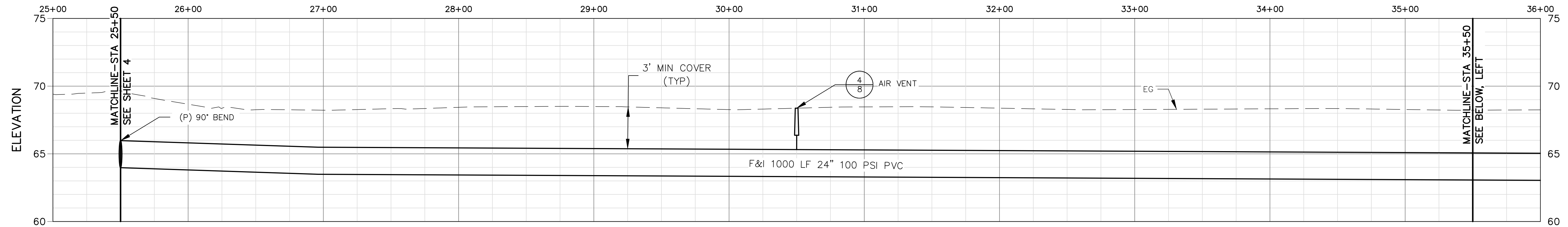
SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT: ---
DRAWN BY: GJ
CHECKED BY: DD
DATE: 09/09/2024

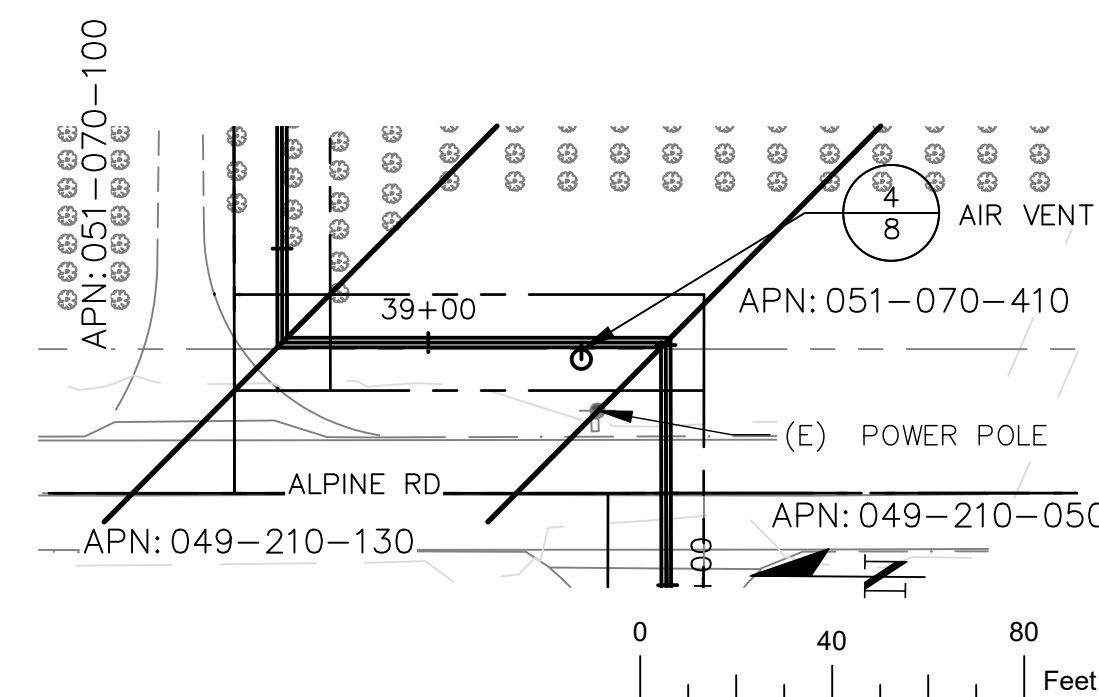
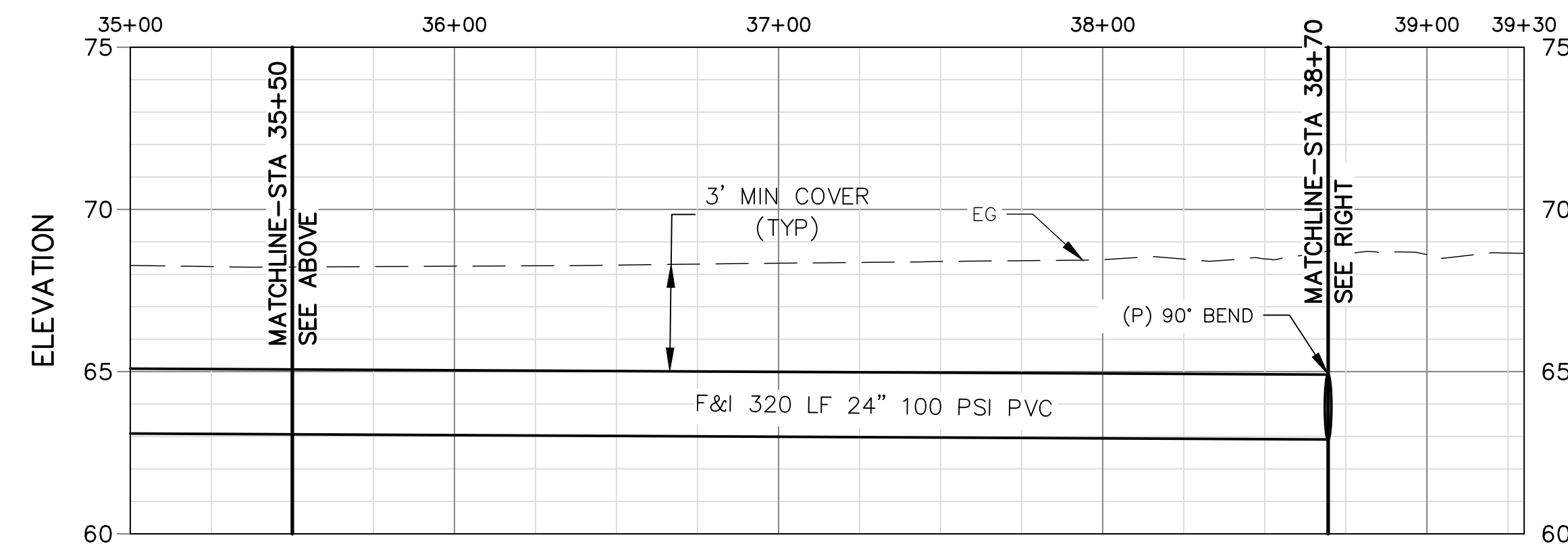
SHEET
5 OF **8**



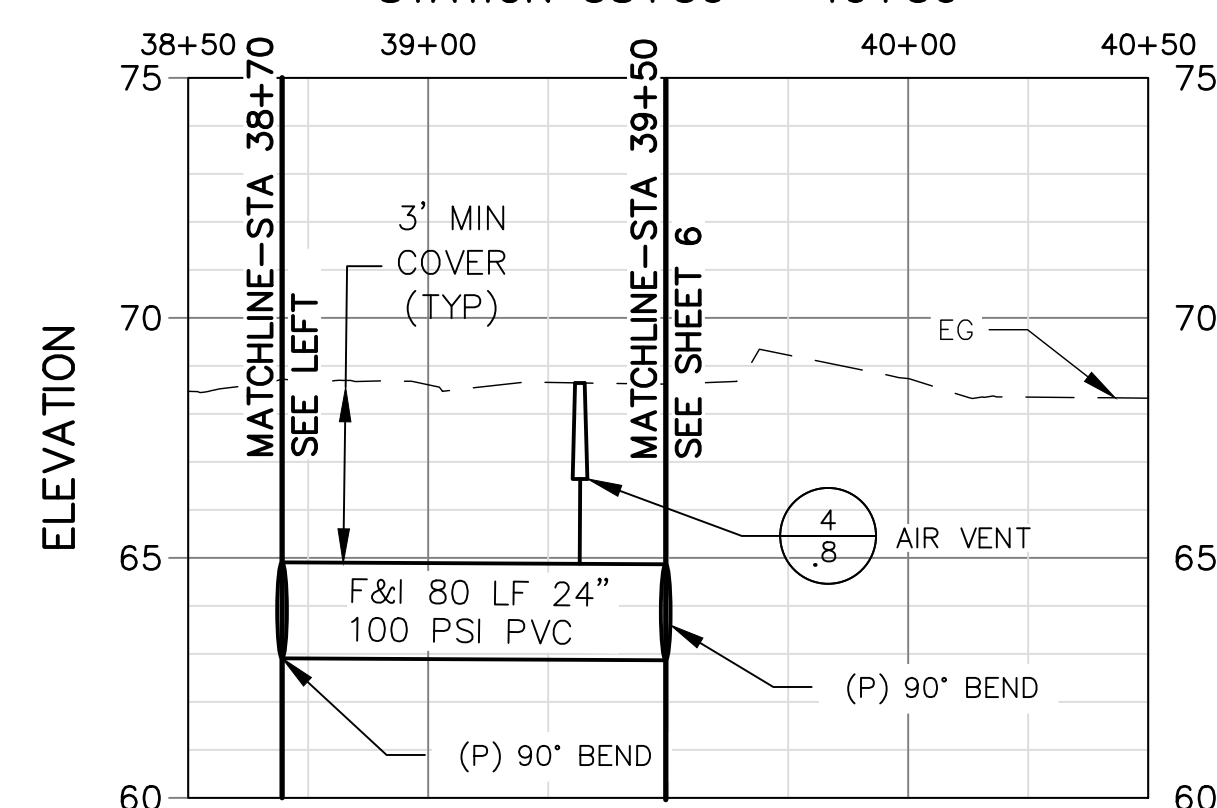
STATION 25+00 - 36+00



STATION 35+00 - 39+30



STATION 38+50 - 40+50





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BID SET
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09/09/2024

NO. REVISION DATE



Know what's below.
Call before you dig.

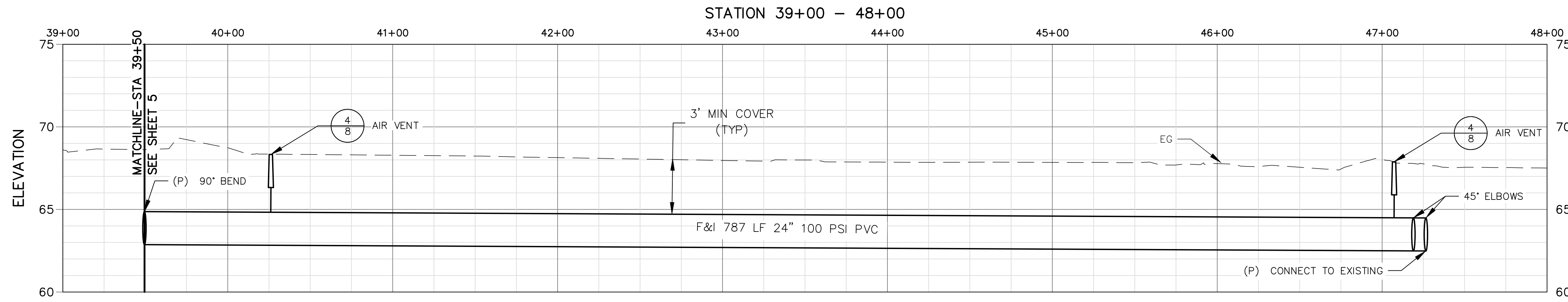
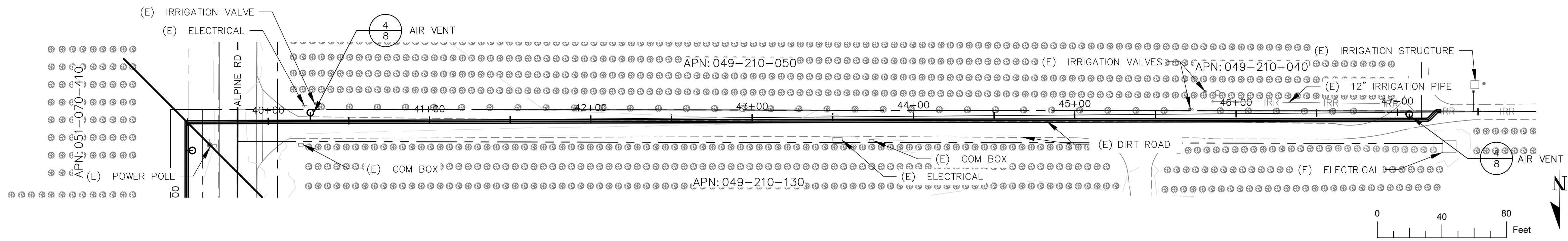
TECKLENBURG LATERAL PIPE PROFILES

PIPE PLAN AND PROFILE

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT: ---
DRAWN BY: GJ
CHECKED BY: DD
DATE: 09/09/2024

SHEET
6 OF **8**





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BID SET
NOT FOR CONSTRUCTION
09/09/2024

NO. REVISION DATE



Know what's below.
Call before you dig.

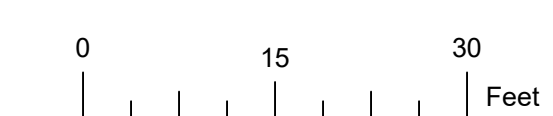
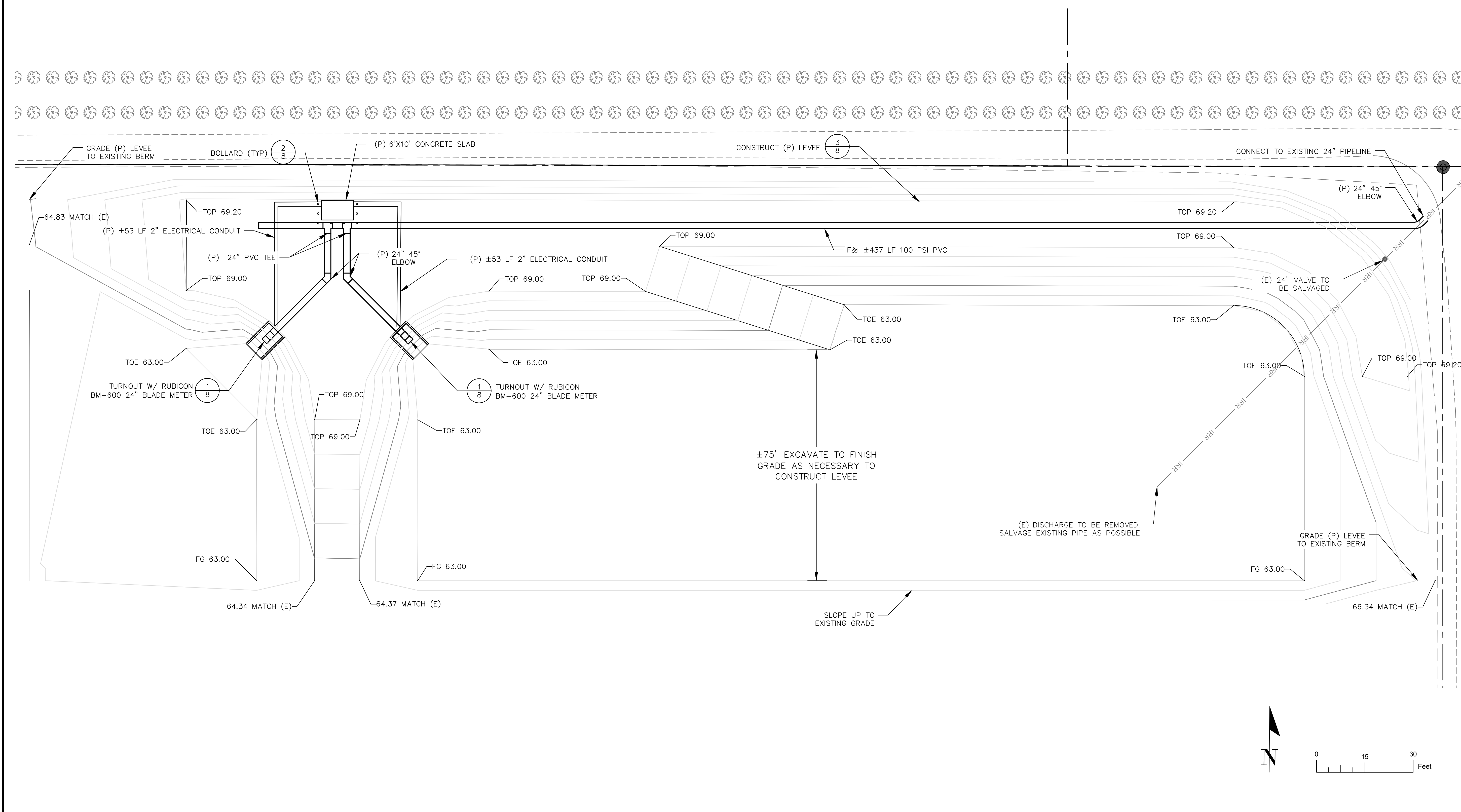
SITE PLAN
GRADING DETAIL

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT: ---
DRAWN BY: GJ
CHECKED BY: DD
DATE: 09/09/2024

SHEET

7 OF **8**



EARTHWORK	
DESCRIPTION	QUANTITY
CUT	±2300 CY
FILL	±2300 CY
OVEREXCAVATION	±1500 CY



DE GRAAF
ENGINEERING, INC.

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DATE SIGNED: _____

PRELIMINARY
NOT FOR CONSTRUCTION
###/###/####

NO.	REVISION	DATE



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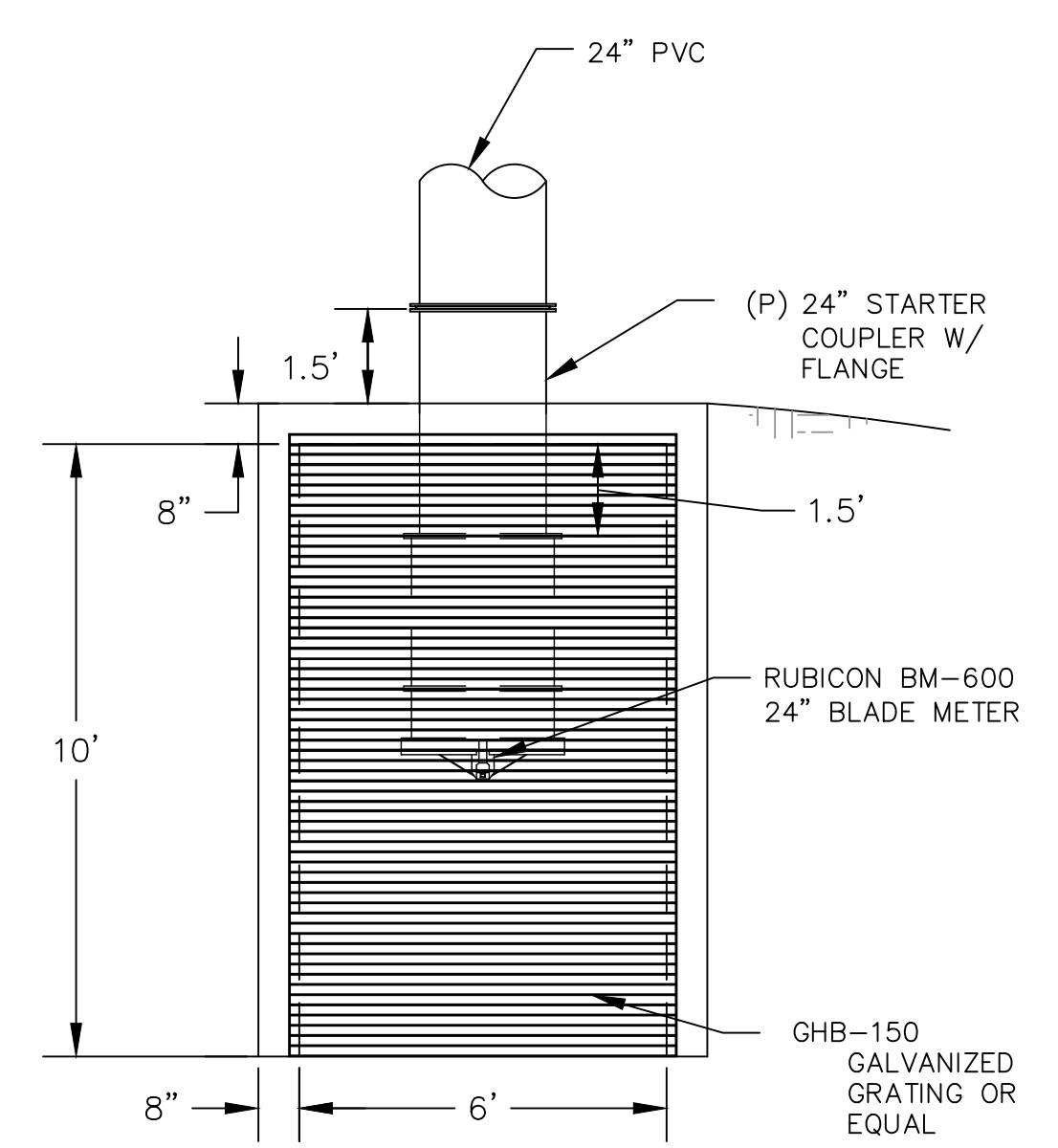
DETAILS

CONSTRUCTION DETAILS

SOUTH SYSTEM IMPROVEMENTS - PHASE IIIB
NORTH SAN JOAQUIN WATER CONSERVATION DISTRICT
SAN JOAQUIN COUNTY

PROJECT:	####
DRAWN BY:	GJ
CHECKED BY:	DD
DATE:	###/###/####

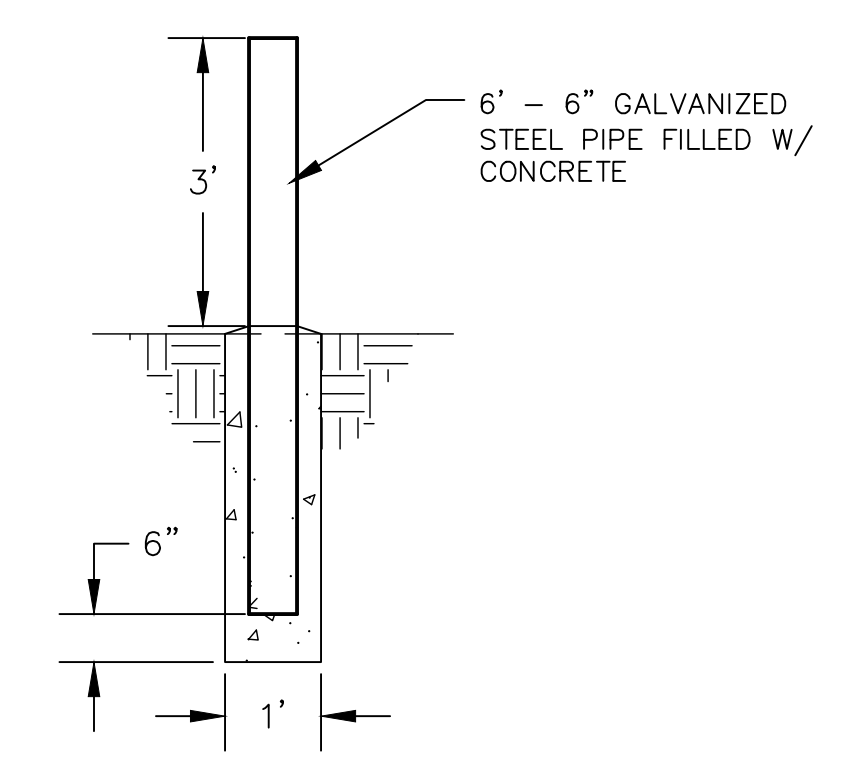
SHEET
8 OF **8**



1/8

SCALE: 1"=3'

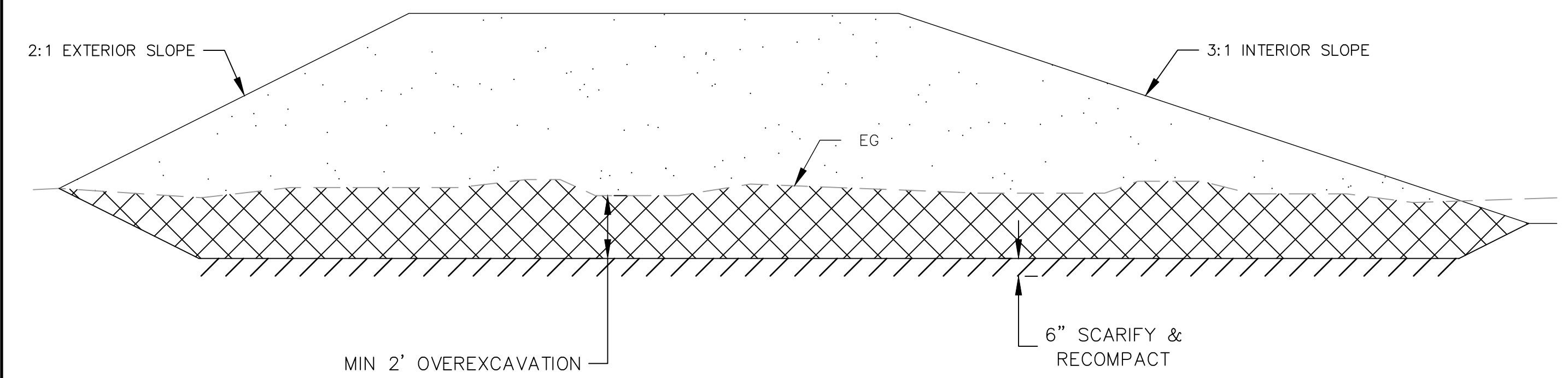
TURNOUT W/ BLADE METER



2/8

SCALE: 1"=2'

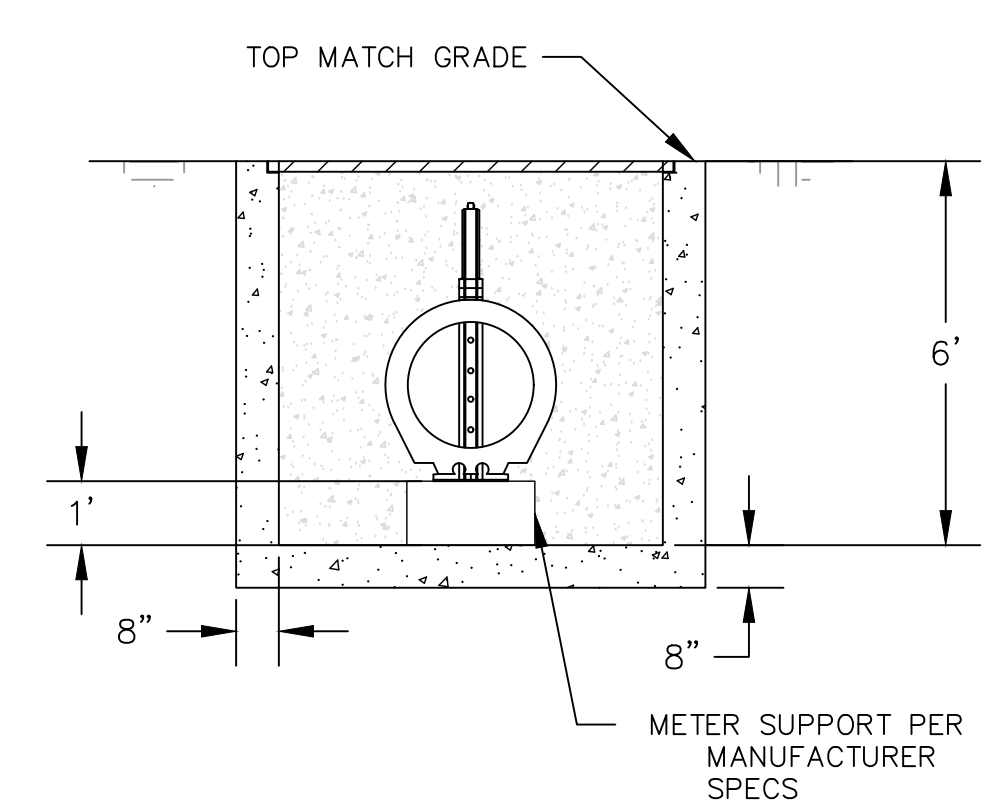
BOLLARD



3/8

SCALE: 1"=3'

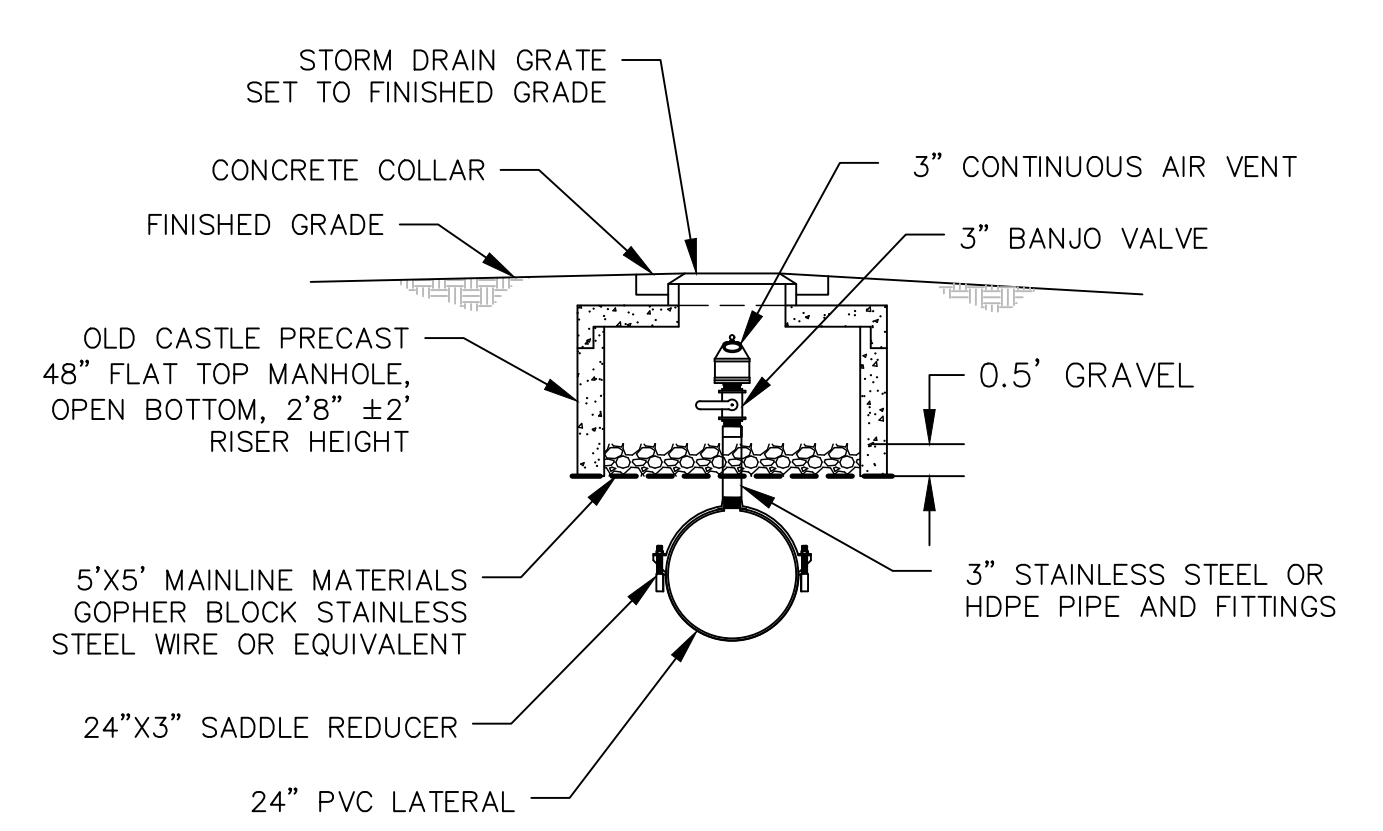
LEEVE SECTION



4/8

SCALE: 1"=3'

AIR VENT

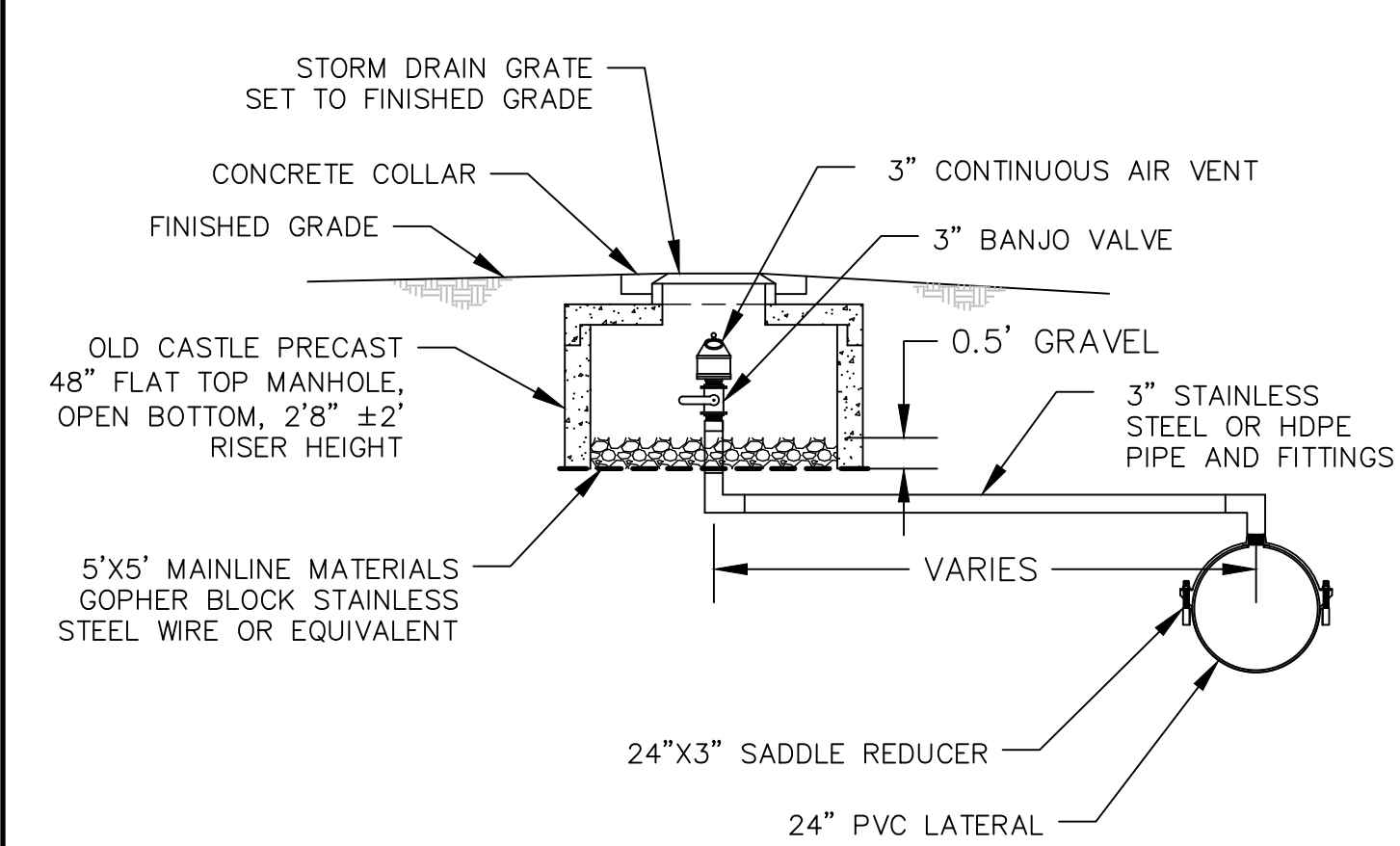


NOTES
IF VENT LOCATION IS REQUIRED
TO BE OFFSET FROM PIPE
CENTERLINE, USE DETAIL 5.

5/8

SCALE: 1"=3'

OFFSET AIR VENT



Prepared by: Steve Schwabauer, General Manager
Daniel de Graaf, District Engineer

RECOMMENDATION:

Motion: Approve contract change order for the Dream Project, South System Phase II project and North System Phase 1B project and Authorize General Manager to pay invoices for the same once received from Arnaudo Construction.

DISCUSSION:

Arnaudo Construction has issued the following change orders for the Dream Project, South System Phase II Project and the North System Phase 1B Project. District staff has reviewed the change orders with the contractor and agree that the change orders are warranted for changes that were required, were made during the construction process, or were credited due to not being included in the final construction. The Board approved the change orders to be put in District Change Order form at its last meeting. Staff is now requesting approval in the attached District format and requesting to pay the invoices once received so as to prevent delay in payment to the contractor until our next Board meeting. Approval will be limited to payment in the amounts discussed in this staff report. The following is a summary of each change order for the projects.

DREAM:

PCO 11: Additional work for Bear Creek crossing, slurry backfill within levee and epoxy coating for **\$16,000.00**.

PCO 12: Additional work to install conduits for SCADA at the Pixley Pump for **\$3,938.00**.

SOUTH SYSTEM PHASE II:

PCO 05A: Additional work for Fox Road Pump rental, pick up and fuel for **\$15,514.90**.

PCO 08: Additional work for the removal of temporary pipeline, installation of new pipeline and fish screen, and connection of new pump skid at the N. System Pump Station for **\$80,946.05**.

PCO 11: Additional work for the installation of manhole steps in the Pixley, Handel Road and Brandt/Tretheway control structures for **\$5,877.82**.

PCO 12: Additional work for the installation of flow meters in the Pixley and Handel Road control structures for **\$4,145.18**.

PCO 13: Additional work for the installation of the sound barrier around the S. System Pump to reduce noise affecting the neighbor for **\$10,275.03**.

PCO 14: Additional costs associated with repairing the board guides that were installed in the vent pipe off of Kettleman Lane totaling **\$3,719.48**.

PCO 15: Additional work for the fabrication and installation of ladder covers on the Pixley and Handel Road control structures for **\$2,705.08**.

NORTH SYSTEM PIPELINE PHASE 1B:

PCO 01: Adjustment to scope of work based upon field direction during construction for **(\$130,600.00)**.

PCO 02: Additional costs for investigation of the source of sand entering the wet well of the Tracy Lakes Pump Station totaling **\$13,690.49**.

PCO 03: Additional costs associated with the dirt import from S. System Phase II and the detention basin off of Alpine road to fill the ROW along the North System Pipeline Phase 1B Project totaling **\$38,280.02**.

PCO 04: Additional costs associated with developing the PG&E Service at the North System Pump Station totaling **\$32,343.75**.

PCO 05: Additional work for the repair of standpipe leaks between S. System access road and Brandt box, on access road east of standpipe, at Locke/Brandt, and Kettleman for **\$18,802.63**.

PCO 06: Additional work demoing existing structures and installing a 24" valve at Acampo and Tretheway for **\$11,117.75**.

FINANCIAL SUMMARY:

The PCO total for DREAM is \$19,938.00, and is categorized per the table below:

PCO 11: Permanent Creek Crossing	\$16,000.00	Pipeline	Dream
PCO 12: Conduits for Sierra Controls	\$3,938.00	SCADA	Dream
TOTAL	\$19,938.00		

The PCO total for South System Phase II change order¹ is \$123,183.55, and is categorized per the table below:

PCO 05A: Fox Road Pump	\$15,514.90		
PCO 08: North System Pipeline	\$80,946.05	Pump Station	SGMA North System Phase 1B
PCO 11: Manhole Steps	\$5,877.82	Pipeline	South System Phase II
PCO 12: Flow Meters	\$4,145.18	SCADA	South System Phase II
PCO 13: Pump Sound Barrier	\$10,275.03	O&M	South System Phase 2
PCO 14: Repair Board Guides	\$3,719.48	O&M	South System Phase 2
PCO 15: Ladder Covers	\$2,705.08	Pipeline	South System Phase 2
TOTAL	\$123,183.54		

The PCO total for North System Pipeline Phase 1B is (\$16,365.36), and categorized per the table below:

PCO 01: Final Scope Adjustments	(\$130,600.00)	Pipeline	North System Phase 1B
---------------------------------	----------------	----------	-----------------------

¹¹ The change orders are referenced according to the contract they were appended to and then categorized in the second in the third and fourth column to the actual project they involved.

PCO 02: Tracy Lakes PS	\$13,690.49	O&M	Tracy Lakes
PCO 03: Dirt Import	\$38,280.02	Pipeline	North System Phase 1B
PCO 04: North System PG&E Service	\$32,343.75	Utilities	North System Phase 1B
PCO 05: Standpipe Leaks	\$18,802.63	O&M	South System
PCO 06: 24" Valve @ Acampo/Tretheway	\$11,117.75	Pipeline	North System Phase 1B
TOTAL	(\$16,365.36)		

ENVIRONMENTAL DETERMINATION:

NA



Memorandum

To North San Joaquin Water Conservation District

From Daniel de Graaf, P.E.

Subject District Engineer Report

Date 09/30/2024

The following summarizes the status of current projects, upcoming work to be completed, and the anticipated schedules and project milestones.

South System

Operation of the South System has been ongoing, diverting approximately 6 CFS for recharge at the Tecklenburg basin and irrigation deliveries along the south system. There continues to be a few spots with seepage that will need to be monitored as we approach harvest season. Fish screen operation has continued successfully with minimal sand buildup.

The additional South System pump has been delivered and is being assembled at the supplier. The VFD and electrical equipment will likely be available for delivery in January. Timing for installation will be coordinated with operations and will be scheduled to reduce operational interruptions to a minimum.

Phase III is scheduled for start of construction November 1. We will be working with the landowners and the contractor to coordinate schedules and construction windows to minimize interruptions to farming activity.

Handel Lateral

The Handle Lateral 60% plans are complete and discussions with landowners are ongoing. We are moving forward with preparing plans for the western half of the project where easements are existing.

Eastside Ditch

The east side ditch has been operational and is being used regularly to deliver irrigation water as needed. The survey documentation of the East Ditch is complete and under review. Staff is working to schedule meeting to discuss next steps for this project.

DREAM Project and Pixley Pipeline

The Pixley pump has been operational for irrigation. The VFD has been having issues with the power and or the heat and is being evaluated by the supplier. No determination has been made at this time and diagnosing the issue is only possible when it is running, and the issues are intermittent.

Tecklenburg Recharge Basin

Operation of the project has been ongoing since February and will likely continue as flows are available or until the project is ready for construction of Phase III. The existing mainline is unable to handle additional head and the existing private lateral is too small to take advantage of the full site. As such, only approximately 4 acres is currently being flooded of the 10-acre site. Shutdown of the site over the next week will occur to allow for testing to be done at the site.

Plans and a bid package for the new 24" mainline and valves and automation at the basin were prepared and will be released upon approval from the board. Bids will be due and reviewed for potential award of a contract in October.

Tracy Lakes Improvement District

Tracy lake operation has been ongoing as need to maintain the lake levels for irrigation.

North System

PG&E completed installation of the service for the temporary pumps and the system is operational. Operations began on the Lakso property but were shut down to allow for the vines that were removed to be dried down so they can be disposed of.

Installation of the Phase 1B 42" line is complete. Testing of the line was started on the 17th and a leak was located. Upon final testing and satisfactory results, pavement will be placed back in the driveways along Acampo Rd. An evaluation of the system downstream determined that the existing valves in the system are frozen shut and that any testing of the system would require extensive demolition work and would also eliminate any control of water in the system.

North System Pump

Conceptual plans have been completed and we are working on a set of plans for review and submittal to agencies that is anticipated to be completed over the next few weeks.

Cal-Fed Pump

The Costa field recharge project has been shut down for the growing season.

Staff is working to get proposals for upgrading the pump station including installation of new discharge piping and appurtenances, installation of additional catwalk area, and installation of a variable Frequency Drive.

Monitoring Wells

Staff is working with landowners to acquire easements for the remaining two wells and hopes to have them soon. Upon obtaining the additional easements, staff will release the contractor to begin installation.

North San Joaquin Water Conservation District

Board of Directors:

Joe Valente (Area 3) President
Jason Colombini (Area 2) Vice-President
David Simpson (Area 1) Secretary
Charles Starr (Area 4) Treasurer
Brady Colburn (Area 5)



Steve Schwabauer, General Manager
Jennifer Spaletta, General Counsel
Roger Masuda, Special Counsel
Daniel deGraaf, District Engineer
Shasta Burns, Deputy Secretary

DRAFT

October 1, 2024

Ms. Shelbie Neff
US Bureau of Reclamation
Water Resources and Planning Office
Denver Colorado 80225

Re: Letter of Support for Stockton East Water District's Clements Road Pipeline Project - Fiscal Year 2025 WaterSMART Drought Response Program Notice of Funding Availability

Dear Ms. Neff:

The North San Joaquin Water Conservation District ("NSJ") writes this letter in support of Stockton East Water District's ("SEWD") WaterSMART grant for the Fiscal Year 2025 WaterSMART Drought Response Grant. SEWD's project will complete the Clements Road Pipeline Project (Project).

SEWD and NSJ share a common groundwater aquifer. We partnered with SEWD and 14 other agencies to form the Eastern San Joaquin Groundwater Authority (ESJGA). The ESJGA is a joint powers authority and its purpose is to preserve groundwater resources in our basin. SEWD's Project will increase SEWD's surface water delivery capacity and allow it to recharge water into our shared aquifer by providing farmers with surface water in lieu of groundwater pumping. It will also improve SEWD's capacity to do direct recharge through FloodMAR projects and new recharge basins.

NSJ has invested significantly in groundwater sustainability. We constructed **four** pumping plants for diverting surface water, replaced **##** miles of conveyance pipelines, and have constructed **##** acres of recharge ponds. We recently partnered with SEWD to apply for the California SWEEP grant program to allow our farmers to convert to surface water use. However, we understand that many agencies in our region have large, disadvantaged areas, which struggle to pay increasing water rates needed to fund groundwater sustainability projects. As such, grants such as the WaterSMART program must be part of our partners' funding stream, like SEWD, to give them the opportunity to achieve their own sustainable supplies for underrepresented and disadvantaged customers.

If you have any questions about our support, please contact me at Steve@NSJWCD.com. Thank you for considering our support of SEWD's important application.

Respectfully submitted,

Steve Schwabauer, General Manager

Mailing - PO Box 334, Victor, CA 95253
(209) 368-2101

Physical - 498 East Kettleman Lane, Lodi, CA
www.NSJWCD.com

P.O. Box 334, Victor, CA 95253

PREPARED BY: Petrea Marchand, Consero Solutions
Steve Schwabauer, General Manager

RECOMMENDATION: Receive Update on North San Joaquin Water Conservation District Project Funding Requests and Grant Opportunities

BACKGROUND:

Consero Solutions provides monthly reports on funding opportunities for which the District has applied or for which the District is considering applying.

DISCUSSION:

1. U.S. Bureau of Reclamation WaterSMART Drought Response Program

Project Name: South System Modernization Project, Phase 4
Amount Requested: \$3 million (compared to \$5 million in FY 2024)
Amount of Cost Share: 50%
Application Due: **October 7, 2025**

Status: The Board approved the District’s intent to apply for the South System Modernization Project, Phase 4 at the July 29, 2024 Board meeting. The General Manager is working with Consero Solutions to complete the FY 2025 grant application by the October 7, 2024 due date.

Context: The WaterSMART Drought Response Program is an annual program which receives money through the annual federal appropriations process, but in the last couple of years also received an infusion of funding from the Bipartisan Infrastructure Law. The program typically limits applications to \$2 million and only provides between \$30 million and \$40 million in awards. The District applied unsuccessfully for a \$5 million grant from the program 2023-24 cycle for the South System Modernization Project, Phase 4. District staff met with WaterSMART grant managers on May 30, 2024 to review the District’s application.

2. California Department of Food and Agriculture Office of Environmental Farming and Innovation State Water Efficiency and Enhancement Program Direct to Producer Grant Program (SWEEP)

Project Name: N/A
Amount Requested: Up to \$200,000 per grower
Amount of Cost Share: Encouraged, but not required
Release Request for Grant Application: November 28, 2023
Application Due: **TBD 2025**

Status: The Governor signed 2024-25 State budget legislation on June 29, 2024. The 2024-25 State budget contains a total of \$40 million for SWEEP programs. The proposed 2024 climate action bond contains an additional \$40 million for SWEEP activities “to promote on farm water use efficiency with a focus on multiple-benefit projects that improve resilience to climate change and save water on California agricultural operations” (pg. 27). Funds in the bond are specifically

aimed at “projects that provide meaningful and direct benefits to socially disadvantaged farmers and ranchers” (pg. 27). Consero continues to reach out to CDFA staff to for updates on the timing of the next funding round. CDFA has not yet announced the date of future solicitations.

Context: The Department released the SWEEP Direct-to-Producer Grant Program guidelines and request for applications on November 28, 2023 and then postponed the solicitation in December 2023. On January 10, 2024, the Governor announced as part of his proposed 2024-25 State budget the delay of this grant program to 2025. District landowners may still apply for grants from the SWEEP Block Grant Pilot Program for the same purpose, which the District has rolled out with Stockton East this spring and for which some landowners have already applied. The Direct-to-Producer Grant Program is different from the SWEEP Block Grant Pilot Program in that it will award grants directly to growers. The Department has confirmed they will not exclude growers in the service areas of SWEEP Block Grant Pilot Program awardees like the District. At the March District Board meeting, the Board approved signing a letter from agricultural interests to support the inclusion of SWEEP funding in the climate action bond.

3. Proposition 4 - Proposed 2024 Climate Action Bond

Status: On July 3, 2024, the Governor signed SB 867, the Safe Drinking Water, Wildfire Prevention, Drought Preparedness, and Clean Air Bond Act of 2024 (climate action bond), which will appear on the ballot on November 5, 2024 as California Proposition 4: the Parks, Environment, Energy, and Water Bond Measure. A copy of the bond with highlighted sections for funding of interest to the District is attached (Attachment A). Based on input from Consero’s state lobbyist, the Energy and Environmental Consulting Group (EEC), recent polls indicate between approximately 57% of registered voters are likely to vote for the bond (a majority vote is needed to pass). EEC recommends organizations which support the bond endorse Proposition 4 via a [link](#) from the Committee for Clean Water, Natural Resources and Parks. (Note: The Association of California Water Agencies and the Northern California Water Association declined to support the bond because they do not think there is sufficient funding in the bond for water-related projects. Some GSAs, like the Yolo Subbasin Groundwater Agency, are not taking an official position on the bond and instead are deferring to their local water districts as the general obligation bond law prohibits purchasing of water with bond funds.) The bond contains \$193 million for the California Department of Water Resources Sustainable Groundwater Management Program, \$100 million for integrated regional water management, \$40 million for the State Water and Energy Efficiency Program (SWEEP), and funding for other projects of interest to the District. Given State money may be less available in FY 2024-25 and future years due to the State’s budget deficit, Consero recommends an aggressive effort to secure any remaining federal funds from the Infrastructure Investment and Jobs Act in 2024-25, as well as designing projects in 2024 and 2025 to prepare for the release of new State bond funding in 2025 and 2026.

Context: The District engaged in the climate action bond discussion because the State’s budget deficit resulted in no significant funding in the proposed 2024-25 budget for grant programs of interest to the District, such as SGMA. As a result, Consero expects limited future funding rounds

for these programs until voters approve the climate action bond or State grant programs funded by the Greenhouse Gas Reduction Fund provide funding for groundwater sustainability.