

WEST VALLEY WATER DISTRICT  
855 W. BASE LINE ROAD, RIALTO, CA 92376  
PH: (909) 875-1804 FAX: (909) 875-1849

**REVISED AGENDA**  
**TWO CONSENT ITEMS #11 & #12 ADDED**  
**REGULAR BOARD MEETING**

THURSDAY, DECEMBER 7, 2023  
CLOSED SESSION - 6:00 P.M. • OPEN SESSION – 6:00 P.M.

**BOARD OF DIRECTORS**

Gregory Young, President  
Daniel Jenkins, Vice President  
Angela Garcia, Director  
Kelvin Moore, Director  
Channing Hawkins, Director

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"In order to comply with legal requirements for posting of agendas, only those items filed with the Board Secretary's office by noon, on Wednesday a week prior to the following Thursday meeting, not requiring departmental investigation, will be considered by the Board of Directors."

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Members of the public may attend the meeting in person at 855 W. Base Line Road, Rialto, CA 92376, or you may join the meeting using Zoom by clicking this link: <https://us02web.zoom.us/j/8402937790>. Public comment may be submitted via Zoom, by telephone by calling the following number and access code: Dial: (888) 475-4499, Access Code: 840-293-7790, or via email to [administration@wvwd.org](mailto:administration@wvwd.org).

If you require additional assistance, please contact [administration@wwwd.org](mailto:administration@wwwd.org).

## OPENING CEREMONIES

Call to Order  
Roll Call of Board Members  
Approval of Any Board Member Requests for Remote Participation  
Pledge of Allegiance  
Opening Prayer

Public Participation on closed session matters

## CLOSED SESSION

- CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION  
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9  
Case Name: William Krueger v. West Valley Water District, EEOC Complaint #480-2023-00700
- CONFERENCE WITH LEGAL COUNSEL-EXISTING LITIGATION  
Paragraph (1) of subdivision (d) of Government Code Section 54956.9  
Name of case: Naseem Farooqi v. West Valley Water District et al.
- CONFERENCE WITH LEGAL COUNSEL-ANTICIPATED LITIGATION  
Significant exposure to litigation pursuant to paragraph  
(2) of subdivision (d) of Government Code Section 54956.9  
Two potential cases

Report out of Closed Session

## ADOPT AGENDA

## PUBLIC PARTICIPATION

*Any person wishing to speak to the Board of Directors on matters listed or not listed on the agenda, within its jurisdiction, is asked to complete a Speaker Card and submit it to the Board Secretary, if you are attending in person. For anyone joining on Zoom, please wait for the Board President's instruction to indicate that you would like to speak. Each speaker is limited to three (3) minutes. Under the State of California Brown Act, the Board of Directors is prohibited from discussing or taking action on any item not listed on the posted agenda. Comments related to noticed Public Hearing(s) and Business Matters will be heard during the occurrence of the item.*

***Public communication is the time for anyone to address the Board on any agenda item or anything under the jurisdiction of the District. Also, please remember that no disruptions from the crowd will be tolerated. If someone disrupts the meeting, they will be removed.***

## PRESENTATIONS- NONE



## **CONSENT CALENDAR**

*All matters listed under the Consent Calendar are considered routine and will be enacted by one vote. There will be no separate discussion of these items unless a member of the Board of Directors, Staff Member, or any member of the public request a specific item(s) be removed for separate action.*

### **Consideration of:**

1. Monthly Revenue & Expenditures Report - October 2023.
2. Cash Disbursements Reports - October 2023.
3. Purchase Order Report - October 2023.
4. Monthly Transfer Report - October 2023.
5. Treasurer's Report - October 2023.
6. Change Order No. 3 with PCL Construction, Inc. for the Oliver P. Roemer Water Filtration Facility Upgrade and Expansion Project.
7. Right of Entry during Construction and License for Pipeline Location with IDIL West Valley Logistics Center, LP.
8. Reimbursement Agreement for R2-3 Reservoir Facilities Improvements with IDIL West Valley Logistics Center, LP..
9. Agreement with San Bernardino County for a Permanent Emergency Interconnection at Glen Helen.
10. Legal Invoice Payments to Ivie McNeil Wyatt, Liebert Cassidy Whitmore, and BBK.
11. Oliver P. Roemer Water Filtration Facility Filter Media Replacement and Coating Project.
12. Ion Exchange Resin Replacement at Well 42.

## **BUSINESS MATTERS**

### **Consideration of:**

13. Potential Holiday Closure 2023.
14. Purchase New 2024 Ford F600 Utility Service Body Truck.

**REPORTS - LIMITED TO 5 MINUTES MAXIMUM (Presentations or handouts must be provided to Board Members in advance of the Board Meeting).**

- 1. Meeting Attendance Reports**
- 2. Board Committee Reports**
- 3. Board Members**
- 4. General Manager**
- 5. Legal Counsel**

- Updates on current legal topics/best practice

#### **UPCOMING MEETINGS**

- December 11, 2023 - Human Resources Committee Meeting at 6:00 p.m.
- December 12, 2023 - External Affairs Committee Meeting at 6:00 p.m.
- December 19, 2023 - Eng/Ops Committee Meeting at 6:00 p.m.
- December 21, 2023 - Board of Directors Regular Board Meeting at 6:00 p.m.
- December 27, 2023 - Finance Committee Meeting at 6:00 p.m.
- January 1, 2024 - Safety & Technology Committee Meeting at 6:00 p.m. - NEEDS TO BE RESCHEDULE
- January 2, 2024 - Policy Review & Oversight Committee Meeting at 6:00 p.m. - NEEDS TO BE RESCHEDULE

#### **UPCOMING COMMUNITY EVENTS**

- December 6: Bloomington MAC (Ayala Park) 6 p.m.
- December 9: Family-friendly Wreath-making workshop (WVWD) 10 a.m. -12 p.m.
- December 9: Fontana Christmas Parade (Fontana Chamber) 10 a.m.
- December 14: Fontana Chamber Christmas Luncheon (Jessie Turner Center) 11:30 a.m.

#### **UPCOMING EDUCATIONAL & TRAINING OPPORTUNITIES**

- January 23, 2024: CSDA Keeping up With the Brown Act (Webinar)
- January 24, 2024: CSDA Board Member Best Practices (Virtual Workshop)
- February 4, 2024: 2024 Special District Leadership Academy (San Luis Obispo)
- February 27 to February 29, 2024 ACWA DC Conference
- May 07 to May 09, 2024 ACWA Spring Conference, Sacramento

ADJOURN

**DECLARATION OF POSTING:**

I declare under penalty of perjury, that I am employed by the West Valley Water District and posted the foregoing Agenda at the District Offices on December 5, 2023.

*Elvia Dominguez*

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Elvia Dominguez, Board Secretary

**Please Note:**

Material related to an item on this Agenda submitted to the Board after distribution of the agenda packet are available for public inspection in the District's office located at 855 W. Baseline, Rialto, during normal business hours. Also, such documents are available on the District's website at [www.wvwd.org](http://www.wvwd.org) subject to staff's ability to post the documents before the meeting.

Pursuant to Government Code Section 54954.2(a), any request for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in the above-agendized public meeting should be directed to the Board Secretary, Elvia Dominguez, at least 72 hours in advance of the meeting to ensure availability of the requested service or accommodation. Ms. Dominguez may be contacted by telephone at (909) 875-1804 ext. 703, or in writing at the West Valley Water District, P.O. Box 920, Rialto, CA 92377-0920.





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** William Fox, Chief Financial Officer  
**SUBJECT:** MONTHLY REVENUE & EXPENDITURES REPORT - OCTOBER 2023

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**MEETING HISTORY:**

11/30/23 Finance Committee REFERRED TO BOARD

**BACKGROUND:**

The Board of Directors requested the Monthly Financial Status Report to be presented to the Finance Committee for review and discussion before presenting these reports to the Board of Directors. The reports are being produced from the District's Financial System (System of Records) and will be presented on a monthly basis.

**DISCUSSION:**

The Monthly Financial Status Report (**Exhibit A**) summarizes the District's revenue categories as well as expenditures for all Departments. The original total budget includes the adopted budget. Current total budget includes the adopted budget plus any budget amendments or adjustments made during the year. Period activity column represents activity for the reporting periods. The fiscal activity column represents the year-to-date activity or transactions that have been recorded in the general ledger from the beginning of the fiscal year July 1 through June 30. The encumbrance column represents funds encumbered with a purchase order that's not spent but committed. The percentage column represents the percentage of the current budget that has been received (Revenue) or utilized (Expenditure).

**FISCAL IMPACT:**

There is no fiscal impact for producing the October 2023 Monthly Revenue & Expenditure Report.

**STAFF RECOMMENDATION:**

Forward a recommendation to the Board of Directors to approve the October 2023 Monthly Revenue & Expenditure Report.

Respectfully Submitted,

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William Fox, Chief Financial Officer

WF

**ATTACHMENT(S):**

1. Exhibit A - 2023 October Monthly Revenue Expenditure Report

# EXHIBIT A



West Valley Water District, CA

# Budget Report Group Summary

For Fiscal: 2023-2024 Period Ending: 10/31/2023

Departmen...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
<b>Revenue</b>						
4000 - Water consumption sales	19,665,777.00	19,665,777.00	1,891,239.39	7,694,222.34	-11,971,554.66	39.12 %
4010 - Water service charges	8,458,277.00	8,458,277.00	772,832.80	2,896,641.16	-5,561,635.84	34.25 %
4020 - Other operating revenue	4,223,477.00	4,223,477.00	568,926.95	1,201,598.44	-3,021,878.56	28.45 %
4030 - Property Taxes	3,147,135.00	3,147,135.00	0.64	0.67	-3,147,134.33	0.00 %
4040 - Interest & Investment Earnings	2,020,626.49	2,020,626.49	446,472.11	1,673,530.78	-347,095.71	82.82 %
4050 - Rental Revenue	40,835.61	40,835.61	3,302.45	13,209.80	-27,625.81	32.35 %
4060 - Grants and Reimbursements	102,704.33	102,704.33	0.00	1,075.00	-101,629.33	1.05 %
4080 - Other Non-Operating Revenue	16,713.82	16,713.82	0.00	5,751.56	-10,962.26	34.41 %
<b>Revenue Total:</b>	<b>37,675,546.25</b>	<b>37,675,546.25</b>	<b>3,682,774.34</b>	<b>13,486,029.75</b>	<b>-24,189,516.50</b>	<b>35.80 %</b>



## Budget Report

For Fiscal: 2023-2024 Period Ending: 10/31/2023

Department...	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)	Percent Used
<b>Expense</b>						
5110 - Source Of Supply	2,508,463.00	2,508,463.00	436,411.60	449,122.43	2,059,340.57	17.90 %
5210 - Production	5,119,150.00	5,119,150.00	419,903.40	1,305,247.02	3,813,902.98	25.50 %
5310 - Water Quality	802,025.00	802,025.00	58,541.94	185,521.71	616,503.29	23.13 %
5320 - Water Treatment - Perchlorate	830,000.00	830,000.00	21,238.48	96,100.14	733,899.86	11.58 %
5350 - Water Treatment - FBR/FXB	1,977,245.00	1,977,245.00	162,441.01	566,629.68	1,410,615.32	28.66 %
5390 - Water Treatment - Roemer/Arsenic	2,032,185.00	2,032,185.00	243,307.50	627,617.72	1,404,567.28	30.88 %
5410 - Maintenance - T & D	2,541,200.00	2,541,200.00	250,377.82	763,435.61	1,777,764.39	30.04 %
5510 - Customer Service	1,368,400.00	1,368,400.00	84,055.65	329,239.23	1,039,160.77	24.06 %
5520 - Meter Reading	1,041,100.00	1,041,100.00	58,594.53	218,618.26	822,481.74	21.00 %
5530 - Billing	575,400.00	575,400.00	39,868.39	156,374.09	419,025.91	27.18 %
5610 - Administration	2,412,380.00	2,412,380.00	270,670.86	552,655.04	1,859,724.96	22.91 %
5615 - General Operations	3,540,189.00	3,540,189.00	798,688.08	1,683,656.90	1,856,532.10	47.56 %
5620 - Accounting	1,039,100.00	1,039,100.00	59,224.62	285,559.63	753,540.37	27.48 %
5630 - Engineering	1,834,595.00	1,834,595.00	106,604.09	390,448.55	1,444,146.45	21.28 %
5640 - Business Systems	1,423,250.00	1,423,250.00	121,617.05	363,779.42	1,059,470.58	25.56 %
5645 - GIS	262,040.00	262,040.00	22,943.97	84,992.95	177,047.05	32.44 %
5650 - Board Of Directors	309,700.00	309,700.00	19,388.95	66,906.73	242,793.27	21.60 %
5660 - Human Resources/Risk Management	874,050.00	874,050.00	108,585.52	260,192.92	613,857.08	29.77 %
5680 - Purchasing	677,500.00	677,500.00	46,872.49	180,288.87	497,211.13	26.61 %
5710 - Public Affairs	1,269,200.00	1,269,200.00	73,341.97	170,908.91	1,098,291.09	13.47 %
5720 - Grants & Rebates	30,000.00	30,000.00	1,162.48	5,353.48	24,646.52	17.84 %
6200 - Interest Expense	877,600.00	877,600.00	0.00	186,390.73	691,209.27	21.24 %
6300 - Debt Administration Service	6,615.00	6,615.00	0.00	0.00	6,615.00	0.00 %
6800 - Other Non-Operating Expense	0.00	0.00	0.00	235,000.00	-235,000.00	0.00 %
<b>Expense Total:</b>	<b>33,351,387.00</b>	<b>33,351,387.00</b>	<b>3,403,840.40</b>	<b>9,164,040.02</b>	<b>24,187,346.98</b>	<b>27.48 %</b>
<b>Report Surplus (Deficit):</b>	<b>4,324,159.25</b>	<b>4,324,159.25</b>	<b>278,933.94</b>	<b>4,321,989.73</b>	<b>-2,169.52</b>	<b>99.95 %</b>

## Fund Summary

Fund	Original Total Budget	Current Total Budget	Period Activity	Fiscal Activity	Variance Favorable (Unfavorable)
100 - Water Operations Fund	4,324,159.25	4,324,159.25	278,933.94	4,321,989.73	-2,169.52
<b>Report Surplus (Deficit):</b>	<b>4,324,159.25</b>	<b>4,324,159.25</b>	<b>278,933.94</b>	<b>4,321,989.73</b>	<b>-2,169.52</b>



**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** William Fox, Chief Financial Officer  
**SUBJECT:** CASH DISBURSEMENTS REPORTS - OCTOBER 2023

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**MEETING HISTORY:**

11/30/23 Finance Committee REFERRED TO BOARD

**BACKGROUND:**

The Board of Directors requested the Monthly Cash Disbursements Report to be presented to the Finance Committee for review and discussion before presenting these reports to the Board of Directors. The reports are being produced from the District's Financial System (System of Records) and will be presented to the Finance Committee on a monthly basis.

**DISCUSSION:**

Each month, the Accounting Department provides a complete listing of all previous month's disbursements to promote fiscal responsibility and accountability over the expenditure of public funds. This process includes providing the Finance Committee, Board of Directors, and ratepayers with the opportunity to review expenses for supplies, materials, services, (**Exhibit A**) and payroll Disbursements (**Exhibit B**). Payroll is processed bi-weekly and accounts payable are processed weekly. Information to justify each payment is available through the Accounting Department. For reference, Customer Refunds are credits due as a result of closing a water account.

**FISCAL IMPACT:**

There is no fiscal impact for producing the October 2023 Cash Disbursement Reports.

**STAFF RECOMMENDATION:**

That the Board of Directors approve the October 2023 Cash Disbursement Reports.  
 Respectfully Submitted,

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William Fox, Chief Financial Officer

WF

**ATTACHMENT(S):**

1. Exhibit A - 2023 October Cash Disbursements Report
2. Exhibit B - 2023 October Cash Disbursements for Payroll

# EXHIBIT A

## WEST VALLEY WATER DISTRICT

CASH DISBURSEMENT REPORT  
OCTOBER 2023

EFT/Check #	Vendor Name	Description	O & M Amount	CIP Amount
7291	BRENNTAG PACIFIC INC	Acetic Acid for FBR Plant	\$ 11,467.27	
7292	CED CREDIT OFFICE	MAINTENANCE SUPPLIES	\$ 131.99	
7293	CHANDLER ASSET MANAGEMENT	SERVICES-SEPT 2023	\$ 6,244.50	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-BLF	\$ 13.50	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 860.00	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 125.00	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 182.25	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 128.25	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-PERCHLORATE	\$ 211.50	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 169.25	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 35.00	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 113.25	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 113.25	
7294	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 80.00	
7295	COMPUTERIZED EMBROIDERY COMPANY INC	SHIRT-BEN JARRELL	\$ 38.65	
7296	DAVID N M TURCH	Federal Lobbyist Services-8/9/23-9/8/23	\$ 12,500.00	
7297	DIAMOND ENVIRONMENTAL SERVICES LLC	PORTABLE RESTROOM RENTAL-10272 CEDAR	\$ 123.49	
7297	DIAMOND ENVIRONMENTAL SERVICES LLC	PORTABLE RESTROOM RENTAL-18451 VINEYARD	\$ 123.49	
7298	ENGINEERING RESOURCES INC	CMIS Santa Ana Transmission Main Phase II	\$ 3,250.00	
7299	HARTLEY, MARY JO	ALL HANDS MEETING REFRESHMENTS	\$ 61.98	
7300	HASA INC.	CHEMICALS-WELL#30	\$ 192.60	
7300	HASA INC.	CHEMICALS-WELL#15	\$ 192.60	
7300	HASA INC.	CHEMICALS-BLF	\$ 1,685.24	
7300	HASA INC.	CHEMICALS-WELL#8	\$ 409.27	
7300	HASA INC.	CHEMICALS-WELL#5	\$ 361.12	
7300	HASA INC.	CHEMICALS-WELL#24	\$ 240.75	
7300	HASA INC.	CHEMICALS-WELL#54	\$ 361.12	
7301	HIDALGO, ALLAN B	BACKFLOW CERTIFICATION	\$ 161.00	
7302	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 4,800.00	
7302	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 4,800.00	
7302	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 1,440.00	
7302	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 4,800.00	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 1,363.50	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 228.00	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 627.00	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 3,952.50	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 894.00	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 1,549.50	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 467.50	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 3,306.00	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 557.50	
7303	LIEBERT CASSIDY WHITMORE	LEGAL FEES	\$ 3,171.00	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 567.44	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 400.92	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 823.71	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 310.36	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 256.64	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 579.08	
7304	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 334.41	
7304	MCMASTER-CARR SUPPLY COMPANY	MAINTENANCE SUPPLIES	\$ 48.30	
7305	OFFICE SOLUTIONS BUSINESS PRODUCTS & SERVICE	OFFICE SUPPLIES	\$ 564.38	
7306	PANTALEON, SOCORRO	SO CAL WATER COALITION LUNCHEON	\$ 134.28	
7306	PANTALEON, SOCORRO	WATER SMART CONF-AIRFARE	\$ 173.96	
7307	PCL CONSTRUCTION INC	Design and Construction of Roemer Upgrade		\$ 1,216,406.44

## WEST VALLEY WATER DISTRICT

CASH DISBURSEMENT REPORT  
OCTOBER 2023

EFT/Check #	Vendor Name	Description	O & M Amount	CIP Amount
7307	PCL CONSTRUCTION INC	RETENTION	\$ (60,820.33)	
7308	SAFETY COMPLIANCE COMPANY	FIELD SAFETY MTG 9/12/23	\$ 225.00	
7308	SAFETY COMPLIANCE COMPANY	OFFICE SAFETY MTG 9/12/23	\$ 200.00	
7309	SHARP EXTERMINATOR INC	ROEMER MAINTENANCE	\$ 165.00	
7310	STERLING WATER TECHNOLOGIES LLC	Praestol Flocculant for FBR Plant	\$ 5,014.97	
7311	ACWA /JPIA	EE Adjust	\$ (2,064.43)	
7311	ACWA /JPIA	DELTACARE DENTAL PPO	\$ 555.76	
7311	ACWA /JPIA	HEALTH INSURANCE	\$ 6,796.94	
7311	ACWA /JPIA	VISION	\$ 84.72	
7311	ACWA /JPIA	DELTACARE DENTAL HMO	\$ 777.24	
7311	ACWA /JPIA	DELTACARE DENTAL PPO	\$ 8,017.66	
7311	ACWA /JPIA	EMPLOYEE ASSISTANCE PROGRAM	\$ 190.96	
7311	ACWA /JPIA	HEALTH INSURANCE	\$ 125,000.80	
7311	ACWA /JPIA	VISION	\$ 1,630.86	
7311	ACWA /JPIA	DELTACARE DENTAL PPO	\$ 169.30	
7311	ACWA /JPIA	HEALTH INSURANCE	\$ 1,871.47	
7311	ACWA /JPIA	VISION	\$ 21.18	
7311	ACWA /JPIA	Retirees	\$ 17,459.10	
7311	ACWA /JPIA	Retirees	\$ 2,147.18	
7311	ACWA /JPIA	Retirees	\$ 635.40	
7312	AIR & HOSE SOURCE INC	WATER QUALITY SUPPLIES	\$ 35.56	
7313	ALVARADO, MARIANO	SHAW HR CONSULTING BOOT CAMP	\$ 104.15	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-BLF	\$ 31.50	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 680.00	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 26.25	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 169.25	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 249.50	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 35.00	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 497.75	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7314	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 827.50	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 34.50	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 448.50	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 69.00	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 135.00	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 69.00	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 209.00	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 172.50	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 34.50	
7315	CRB SECURITY SOLUTIONS	Security Alarms Monitoring & Repair	\$ 204.50	
7316	HARTLEY, MARY JO	WATER SMART INNOVATIONS-EXPENSES	\$ 280.25	
7317	HASA INC.	CHEMICALS-WELL#8	\$ 481.50	
7317	HASA INC.	CHEMICALS-WELL#30	\$ 240.75	
7317	HASA INC.	CHEMICALS-BLF	\$ 1,324.12	
7317	HASA INC.	CHEMICALS-WELL#24	\$ 240.75	
7317	HASA INC.	CHEMICALS-WELL#54	\$ 240.75	
7317	HASA INC.	CHEMICALS-ROEMER	\$ 5,401.02	
7318	INFOSEND INC	Postage/Printing for Customer Bills	\$ 3,194.52	
7318	INFOSEND INC	Postage/Printing for Customer Bills	\$ 9,884.42	
7319	INLAND ROAD SERVICE & TIRE	New Drive Tires for Unit 105	\$ 2,103.43	
7320	JENKINS, DANIEL	SBCSD MILEAGE REIMB	\$ 32.76	

## WEST VALLEY WATER DISTRICT

CASH DISBURSEMENT REPORT  
OCTOBER 2023

EFT/Check #	Vendor Name	Description	O & M Amount	CIP Amount
7321	LEASE PLAN USA INC	Blanket PO for Mechanic Repairs for Fleet	\$ 11,171.92	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 66.33	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 65.84	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 48.97	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 39.65	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 106.89	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 158.42	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 222.52	
7322	MCMASTER-CARR SUPPLY COMPANY	Galv Parts 10/05/23	\$ 92.58	
7322	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 93.03	
7322	MCMASTER-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 809.01	
7323	NAVARRO, NOVITA TESSA	MILEAGE REIMBURSEMENT	\$ 18.34	
7324	SB VALLEY MUNICIPAL	GROUNDWATER FY 2023-2024	\$ 315,189.70	
7324	SB VALLEY MUNICIPAL	BLF ELECTRICITY AUG-07/31/23-08/28/23	\$ 76,967.95	
7325	ABF PRINTS INC	PRESENTATION FOLDERS	\$ 1,562.38	
7326	ARAIZA, ANTHONY W	MEDICARE PART B JULY-SEPT 2023	\$ 989.10	
7327	ARAIZA, DIANA	MEDICARE PART B JULY-SEPT 2023	\$ 989.10	
7328	ASCHE, PEGGY S	MEDICARE PART B JULY-SEPT 2023	\$ 989.10	
7329	ASHWORTH, MARIADA L	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7330	BOOT BARN INC	SAFETY BOOTS-ROBERT MACKAMUL	\$ 207.97	
7330	BOOT BARN INC	SAFETY BOOTS-EDGAR HIDALGO	\$ 225.00	
7330	BOOT BARN INC	SAFETY BOOTS-ARTURO JAUREGUI	\$ 206.06	
7330	BOOT BARN INC	SAFETY BOOTS-CLIFFORD RAY	\$ 219.76	
7331	CAROLLO ENGINEERS INC	WIFIA and SRF Loan Application - Roemer Expansion	\$ 2,247.50	
7331	CAROLLO ENGINEERS INC	WIFIA and SRF Loan Application - Roemer Expansion	\$ 762.00	
7332	CASEY, MATTHEW P	MEDICARE PART B JULY-SEPT 2023	\$ 692.40	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-BLF	\$ 13.50	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 1,072.75	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 860.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 26.25	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 182.25	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 128.25	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-PERCHLORATE	\$ 218.25	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 337.75	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 167.50	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 35.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 246.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 35.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 80.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 113.25	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 71.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 203.50	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 80.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7333	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7334	COMPUTERIZED EMBROIDERY COMPANY INC	SHIRTS-JOHN THIEL	\$ 304.50	
7335	CURTIS, DEVI A	MEDICARE PART B JULY-SEPT 2023	\$ 1,285.80	
7336	CURTIS, MITCHELL A	MEDICARE PART B JULY-SEPT 2023	\$ 1,285.80	
7337	DAVID N M TURCH	Federal Lobbyist Services-9/9/23-10/8/23	\$ 12,500.00	
7338	FASTENAL COMPANY	SHOP SUPPLIES	\$ 60.42	
7339	GETZ, BETTY	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7340	HANNA, DIANA G	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7341	HANNA, DONALD R	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7342	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 4,800.00	



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7342	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 4,800.00	
7342	HILLTOP GEOTECHNICAL, INC.	Compaction Services and Testing	\$ 960.00	
7343	LANE, JAN	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7344	MARTINEZ, ISABEL M	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7345	MARTINEZ, RAYMOND	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7346	MURPHY, RONALD	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7347	PANTALEON, SOCORRO	AWWA WATER SMART CONFERENCE	\$ 61.77	
7347	PANTALEON, SOCORRO	AWWA WATER SMART CONFERENCE	\$ 330.75	
7348	PCL CONSTRUCTION INC	Design and Construction of Roemer Upgrade		\$ 1,002,818.84
7348	PCL CONSTRUCTION INC	RETENTION	\$ (50,140.94)	
7349	PLANETBIDS, INC.	SOFTWARE MAINTENANCE	\$ 13,142.00	
7350	PRUITT, BARBARA J	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7351	RECYCLED AGGREGATE MATERIALS CO INC	SHOP SUPPLIES	\$ 192.71	
7351	RECYCLED AGGREGATE MATERIALS CO INC	DISPOSAL FEES	\$ 390.00	
7352	RED WING BUSINESS ADVANTAGE ACCOUNT	SAFETY BOOTS-JEFF GUILLIAM	\$ 225.00	
7353	SALLENDER, PAULETTE	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7354	SAMBA HOLDINGS INC	HR SERVICES-SEPT 2023	\$ 128.65	
7355	SANDER, REBECCA	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7356	SPIK, LINDA M	MEDICARE PART B JULY-SEPT 2023	\$ 1,285.80	
7357	VULCAN MATERIALS COMPANY	Temp Asphalt-cold mix	\$ 805.19	
7358	WESTBROOK, LAURA	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
7359	ABF PRINTS INC	WINDOW ENVELOPES	\$ 888.94	
7360	AIR & HOSE SOURCE INC	WATER QUALITY SUPPLIES	\$ 278.53	
7360	AIR & HOSE SOURCE INC	WATER QUALITY SUPPLIES	\$ 290.39	
7361	ALVARADO, MARIANO	IGNITE SEMINAR-LODGING/TRANSPORTATION	\$ 795.41	
7362	BRENNTAG PACIFIC INC	Acetic Acid for FBR Plant	\$ 11,699.93	
7363	CDW GOVERNMENT INC	Computers Supplies Oct 2023	\$ 2,235.21	
7363	CDW GOVERNMENT INC	Computers Supplies Oct 2023	\$ 3,533.12	
7364	CED CREDIT OFFICE	Replacement breaker for Well 15	\$ 13,985.95	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-BLF	\$ 36.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-BLF	\$ 13.50	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 768.50	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 798.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 706.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 56.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 56.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 56.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 44.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 54.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 500.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 69.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 39.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 500.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 182.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 6.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 6.75	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES	\$ 128.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 75.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELLS	\$ 30.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-PERCHLORATE	\$ 99.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-PERCHLORATE	\$ 35.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELL#11	\$ 258.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-WELL#6	\$ 258.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 36.00	

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7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 36.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-FBR	\$ 35.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 113.25	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 80.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7365	CLINICAL LAB OF SAN BERNARDINO INC	LAB FEES-ROEMER	\$ 15.00	
7367	CP CONSTRUCTION CO INC	Construction Services -Change Order #1		\$ 61,690.04
7367	CP CONSTRUCTION CO INC	Construction Services -Change Order #1		\$ 57,253.50
7367	CP CONSTRUCTION CO INC	RETENTION	\$ (5,947.18)	
7368	ERS INDUSTRIAL SERVICES INC.	Replace damaged 24" UV Valve	\$ 12,800.00	
7369	HARTLEY, MARY JO	2023 POSTER CONTEST GIFT CARDS	\$ 404.84	
7370	HIDALGO, EDGAR	T2 CERTIFICATION	\$ 60.00	
7371	JONATHAN BARFIELD	D2 CERTIFICATION RENEWAL	\$ 60.00	
7372	LEASE PLAN USA INC	Mechanic Repairs for Fleet	\$ 3,974.26	
7373	MCDONALD ELECTRIC INC	PRODUCTION SUPPLIES	\$ 837.25	
7374	MCMaster-CARR SUPPLY COMPANY	BLF SUPPLIES	\$ 645.69	
7374	MCMaster-CARR SUPPLY COMPANY	PRODUCTION SUPPLIES	\$ 412.54	
7374	MCMaster-CARR SUPPLY COMPANY	FBR SUPPLIES	\$ 126.13	
7374	MCMaster-CARR SUPPLY COMPANY	FBR SUPPLIES	\$ 72.36	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 971.26	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 495.36	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 760.93	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 683.07	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 387.35	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 445.66	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 156.32	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 203.86	
7374	MCMaster-CARR SUPPLY COMPANY	ROEMER SUPPLIES	\$ 159.58	
7375	NEARMAP US INC	ENG SOFTWARE MAINTENANCE	\$ 11,550.00	
7376	PANTALEON, SOCORRO	POSTER CONTEST WINNERS REFRESHMENTS	\$ 36.62	
7377	SIKORSKI, PATRICIA	MEDICARE PART B REIMB JULY-SEPTEMBER 2023	\$ 494.70	
7378	TKE ENGINEERING INC	Bid Docs for Well 54 Discharge to Waste Drain Line		\$ 1,205.00
85010	GALLARDO, JUAN JESUS	Customer Refund	\$ 78.89	
85011	Skyliving Investments	Customer Refund	\$ 49.62	
85012	HOSEPIAN, SHAHEN	Customer Refund	\$ 63.17	
85013	MCENTYRE, CAMERON ALLEN	Customer Refund	\$ 20.49	
85014	LENNAR	Customer Refund	\$ 19.21	
85015	LENNAR CORP	Customer Refund	\$ 0.04	
85016	LENNAR CORP	Customer Refund	\$ 3.28	
85017	LENNAR HOMES	Customer Refund	\$ 18.41	
85018	LENNAR HOMES	Customer Refund	\$ 7.39	
85019	ALLIANCE 2020 INC	HR SERVICES	\$ 366.64	
85020	AMAZON.COM SALES INC	WATER QUALITY CREDIT	\$ (275.64)	
85020	AMAZON.COM SALES INC	MAINTENANCE SUPPLIES	\$ 673.44	
85020	AMAZON.COM SALES INC	MAINTENANCE SUPPLIES	\$ 673.44	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 438.22	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 164.22	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 33.24	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 38.23	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 63.88	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 133.56	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 329.92	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 232.13	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 96.62	

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EFT/Check #	Vendor Name	Description	O & M Amount	CIP Amount
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 243.04	
85020	AMAZON.COM SALES INC	OFFICE SUPPLIES CREDIT	\$ (37.69)	
85021	AT&T INTERNET	INTERNET-09/26/23-10/25/23	\$ 144.45	
85022	ATKINSON ANDELSON LOYA RUUD & ROMO	LEGAL FEES-MARCH 2023	\$ 820.40	
85022	ATKINSON ANDELSON LOYA RUUD & ROMO	LEGAL FEES-JULY 2023	\$ 1,861.85	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 9,785.00	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 5,150.00	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 616.00	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 5,320.37	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 300.00	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 7,013.00	
85023	BEST BEST & KRIEGER LLP	LEGAL FEES-JULY 2023	\$ 342.00	
85024	CALIFORNIA WATER EFFICIENCY PARTNERSHIP	2023 DUES INVOICE	\$ 974.23	
85025	CHARTER COMMUNICATIONS	TELEPHONE/INTERNET	\$ 933.69	
85025	CHARTER COMMUNICATIONS	TELEPHONE/INTERNET	\$ 1,549.00	
85026	CHR SERVICES	CPR/FIRST AID TRAINING-9/26/23	\$ 1,300.00	
85026	CHR SERVICES	CPR/FIRST AID TRAINING-9/27/23	\$ 1,235.00	
85026	CHR SERVICES	CPR/FIRST AID TRAINING-9/27/23	\$ 910.00	
85027	CINTAS CORPORATION	JANITORIAL SERVICES	\$ 183.67	
85027	CINTAS CORPORATION	JANITORIAL SERVICES	\$ 183.67	
85028	CITY OF RIALTO	UTILITY USER TAX-SEPT 2023	\$ 52,334.87	
85028	CITY OF RIALTO	UTILITY USER TAX-SEPT 2023	\$ (179.81)	
85029	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-2463 W LOMA VISTA	\$ 1,012.70	
85029	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-461 W CHAPARRAL	\$ 1,001.90	
85029	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-2240 N YUCCA	\$ 1,012.70	
85029	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-893 W FROMER	\$ 1,012.70	
85030	CLEANMART USA	Janitorial Supplies for District	\$ 1,063.06	
85031	COASTAL BUILDING SERVICES INC	Janitorial Services Sept 2023	\$ 185.00	
85031	COASTAL BUILDING SERVICES INC	Janitorial Services Sept 2023	\$ 2,904.00	
85032	D & H WATER SYSTEMS, INC.	ROEMER SUPPLIES	\$ 792.87	
85033	EL ROD FENCE CO, INC	REPLACED DAMAGE FENCE WELL#54	\$ 2,868.00	
85034	FEDEX	MAILING FEES	\$ 89.28	
85034	FEDEX	MAILING FEES	\$ 111.40	
85035	GRAINGER INC	Galv Parts 09/21/23	\$ 120.45	
85035	GRAINGER INC	Galv Parts 09/21/23	\$ 78.74	
85035	GRAINGER INC	Galv Parts 09/21/23	\$ 79.20	
85035	GRAINGER INC	Galv Parts 09/22/23	\$ 58.70	
85035	GRAINGER INC	FBR SUPPLIES	\$ 936.81	
85036	GUILLIAM, JEFFREY M	T1 CERTIFICATION	\$ 55.00	
85037	HUNT ORTMANN PALFFY NIEVES DARLING & MAH II	LEGAL FEES-AUGUST 2023	\$	\$ 603.41
85038	INLAND EMPIRE UTILITIES AGENCY	SERVICES 07/01/23-07/31/23	\$ 66,863.09	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-APRIL 2023	\$ 16,477.35	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-APRIL 2023	\$ 4,329.00	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-MAY 2023	\$ 16,886.55	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-MAY 2023	\$ 14,430.00	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-JUNE 2023	\$ 11,402.26	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-JULY 2023	\$ 3,915.60	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-JULY 2023	\$ 2,575.00	
85039	IVIE MCNEILL & WYATT A PROFESSIONAL CORPORA	LEGAL FEES-JUNE 2023	\$ 1,795.88	
85040	JOHNSON'S HARDWARE INC	PRODUCTION SUPPLIES	\$ 15.06	
85040	JOHNSON'S HARDWARE INC	SHOP SUPPLIES	\$ 32.33	
85040	JOHNSON'S HARDWARE INC	SHOP SUPPLIES	\$ 23.69	
85040	JOHNSON'S HARDWARE INC	MAINTENANCE SUPPLIES	\$ 31.20	
85041	MARIPOSA LANDSCAPES INC	Landscape Maintenance Services-SEPT 2023	\$ 7,445.98	

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85042	MIKE ROQUET CONSTRUCTION, INC.	Street Paving Services	\$ 10,472.34	
85043	OCCUPATIONAL HEALTH CENTERS OF CALIFORNIA, /	HR SERVICES	\$ 720.00	
85044	O'REILLY AUTO PARTS	VEHICLES MAINTENANCE	\$ 126.76	
85044	O'REILLY AUTO PARTS	UNIT#193 MAINT	\$ 183.11	
85045	PG MECHANICAL	Forklift 201F Repairs	\$ 2,310.64	
85046	RIALTO WATER SERVICES	FBR SERVICE-08/16/23-09/20/23	\$ 1,506.19	
85046	RIALTO WATER SERVICES	ROEMER SEWER SVC-07/31/23-08/31/23	\$ 67.17	
85047	SBC TAX COLLECTOR	PARCEL #1107-521-76-0-000	\$ 335.21	
85047	SBC TAX COLLECTOR	PARCEL #1107-521-76-0-000	\$ 335.25	
85048	SO CALIFORNIA EDISON	ELECTRICITY ROEMER-08/29/23-09/27/23	\$ 87,353.31	
85049	TERRYBERRY	HR RECOGNITION SUPPLIES	\$ 251.91	
85049	TERRYBERRY	HR RECOGNITION SUPPLIES	\$ 374.63	
85050	TRES ES INC	State Lobbyist Services-JULY & AUGUST 2023	\$ 15,500.00	
85051	UNIVAR USA INC	Phosphoric Acid for FBR Plant	\$ 5,446.34	
85052	VERIZON CONNECT FLEET USA LLC	SERVICES 9/1/23-9/30/23	\$ 701.80	
85052	VERIZON CONNECT FLEET USA LLC	SERVICES 08/01/23-08/31/23	\$ 759.22	
85052	VERIZON CONNECT FLEET USA LLC	SERVICES 7/01/23-07/31/23	\$ 755.02	
85053	VERIZON WIRELESS PHONES	CELL PHONES/IPADS	\$ 5,221.58	
85053	VERIZON WIRELESS PHONES	CELL PHONES/IPADS	\$ 94.97	
85053	VERIZON WIRELESS PHONES	CELL PHONES/IPADS	\$ 1,458.93	
85054	WESTBROOK FENCE INC	Wrought Iron Fencing for Material Yard and Well 42		\$ 82,176.00
85055	WHITE CAP CONSTRUCTION SUPPLY	MAINTENANCE SUPPLIES	\$ 236.29	
85056	BRYANS CATERING SERVICES	WATER PROFESSIONAL APPRECIATION WEEK	\$ 891.75	
85057	AIRGAS USA LLC	OFFICE SUPPLIES	\$ 24.12	
85057	AIRGAS USA LLC	OFFICE SUPPLIES	\$ 478.36	
85058	ALVAREZ-GLASMAN & COLVIN	LEGAL FEES	\$ 16,264.89	
85059	AMAZON	Computer supplies September 2023	\$ 269.41	
85059	AMAZON	Computer supplies September 2023	\$ 1,451.39	
85059	AMAZON	Computer supplies September 2023	\$ 280.15	
85059	AMAZON	Computer supplies September 2023	\$ 129.27	
85059	AMAZON	Computer supplies September 2023	\$ 266.99	
85059	AMAZON	Computer supplies September 2023	\$ 237.05	
85059	AMAZON	Computer supplies September 2023	\$ 616.48	
85059	AMAZON	Computer supplies September 2023	\$ 242.28	
85059	AMAZON	Computer supplies September 2023	\$ 27.99	
85060	AMAZON.COM SALES INC	WATER QUALITY SUPPLIES	\$ 557.80	
85060	AMAZON.COM SALES INC	WATER QUALITY SUPPLIES	\$ 23.94	
85060	AMAZON.COM SALES INC	OFFICE SUPPLIES	\$ 92.97	
85060	AMAZON.COM SALES INC	VEHICLE MAINTENANCE SUPPLIES	\$ 118.47	
85061	AT&T LONG DISTANCE	ROEMER LONG DISTANCE-SEPT 2023	\$ 24.29	
85062	AUTOMATED GATE SERVICES INC	GATE REPAIR-ROEMER	\$ 536.00	
85063	BABCOCK LABORATORIES, INC.	LAB FEES-WELL#6	\$ 535.00	
85064	BURRTEC WASTE INDUSTRIES INC	DISPOSAL FEES-ROEMER	\$ 238.43	
85064	BURRTEC WASTE INDUSTRIES INC	DISPOSAL FEES-HQ	\$ 796.76	
85065	CITY OF RIALTO	APN#0264-012-57-0000 / 0264-421-34-0000	\$ 22.36	
85065	CITY OF RIALTO	APN#0264-012-57-0000 / 0264-421-34-0000	\$ 22.35	
85066	CITY OF RIALTO-ALARM PROGRAM	ALARM FEES-ROEMER	\$ 26.90	
85067	COLTON PUBLIC UTILITIES	WELL 18A ELECTRICITY-08/22/23-09/25/23	\$ 538.98	
85068	CPS HR CONSULTING	Classification and Compensation Study 2021-2022	\$ 17,363.00	
85068	CPS HR CONSULTING	Classification and Compensation Study 2021-2022	\$ 17,363.00	
85068	CPS HR CONSULTING	Classification and Compensation Study 2021-2022	\$ 15,151.00	
85069	FEDEX	MAILING FEES-PRODUCTION	\$ 29.83	
85070	FERGUSON ENTERPRISES INC # 677	Inventory Order FRG 09/07/23	\$ 182.87	
85070	FERGUSON ENTERPRISES INC # 677	Inventory Order FRG 09/07/23	\$ 474.60	

## WEST VALLEY WATER DISTRICT

CASH DISBURSEMENT REPORT  
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EFT/Check #	Vendor Name	Description	O & M Amount	CIP Amount
85071	GARDA CL WEST INC	ARMORED TREANSPORT-SEPTEMBER 2023	\$ 333.37	
85071	GARDA CL WEST INC	ARMORED TREANSPORT-OCTOBER 2023	\$ 419.75	
85071	GARDA CL WEST INC	ARMORED TREANSPORT-AUGUST 2023	\$ 2.99	
85072	GREGORY JAMES GRUNDER	TURF REPLACEMENT PROJECT	\$ 461.48	
85073	INLAND DESERT SECURITY	ANSWERING SERVICE	\$ 697.95	
85074	JERRY GUTIERREZ	TURF REPLACEMENT PROJECT	\$ 701.00	
85075	JOHNSON'S HARDWARE INC	PRODUCTION SUPPLIES	\$ 48.46	
85075	JOHNSON'S HARDWARE INC	WATER QUALITY SUPPLIES	\$ 263.76	
85076	K.HOVNANIAN COMPANIES LLC	CONTINGENCY/METER/VALVE BOX DEPOSITS	\$ 63,350.00	
85076	K.HOVNANIAN COMPANIES LLC	CONTINGENCY/METER/VALVE BOX DEPOSITS	\$ 5,040.00	
85076	K.HOVNANIAN COMPANIES LLC	CONTINGENCY/METER/VALVE BOX DEPOSITS	\$ 67,365.70	
85077	LEANOS, JENNIFER	MILEAGE REIMBURSEMENT	\$ 18.34	
85078	LENNAR HOMES	CONTINGENCY/METER/VALVE DEP REFUNDS	\$ 39,500.00	
85078	LENNAR HOMES	CONTINGENCY/METER/VALVE DEP REFUNDS	\$ 8,400.00	
85078	LENNAR HOMES	CONTINGENCY/METER/VALVE DEP REFUNDS	\$ 62,077.20	
85079	LOWES	FBR SUPPLIES	\$ 105.35	
85080	O'REILLY AUTO PARTS	UNIT#240 MAINTENANCE	\$ 175.62	
85081	PR PRINTING	RECEIPT BOOKS-CS	\$ 524.27	
85082	REATA SERVICES	Roemer Plant Tile Roof Leak Repairs	\$ 9,268.00	
85083	RIALTO WATER SERVICES	HQ WATER SERVICE-08/17/23-09/21/23	\$ 122.27	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 58,688.69	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 12,810.73	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 124,855.74	
85084	SO CALIFORNIA EDISON	S END SHOP-09/07/23-10/05/23	\$ 50.62	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 19,637.25	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 26,448.57	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 2,276.78	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 287.16	
85084	SO CALIFORNIA EDISON	VARIOUS LOCATIONS-08/29/23-09/27/23	\$ 6,031.09	
85085	SOUTH COAST AQMD	ANNUAL FEES	\$ 4,482.27	
85085	SOUTH COAST AQMD	EMISSIONS FEES	\$ 160.35	
85086	THE GAS COMPANY	GAS SVC ROEMER-08/31/23-10/03/23	\$ 16.27	
85087	TYLER TECHNOLOGIES INC	Meter-Reader Interface Incode-Sensus Analytics	\$ 97.50	
85088	ULINE	SHOP SUPPLIES	\$ 426.36	
85089	VIZCAINIO, ELVA	CALPERS EDUCATIONAL FORUM 2023	\$ 125.76	
85090	YO FIRE	LP619 Order 10/04/23	\$ 8,749.30	
85091	LANDAZURI, HECTOR	Customer Refund	\$ 38.81	
85092	Caldera, Leslie	Customer Refund	\$ 17.01	
85093	LENNAR HOMES	Customer Refund	\$ 14.88	
85094	LENNAR HOMES	Customer Refund	\$ 8.34	
85095	ACWA	2024 ANNUAL DUES	\$ 27,595.00	
85096	ALLIANCE 2020 INC	HR RECRUITMENT SERVICES	\$ 115.75	
85097	AQUA-METRIC SALES CO	SHOP SUPPLIES	\$ 646.50	
85097	AQUA-METRIC SALES CO	SHOP SUPPLIES	\$ 862.00	
85097	AQUA-METRIC SALES CO	Measuring Chambers for Large Meters	\$ 5,118.13	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	
85098	ASBCSD	DINNER MEETING 10/23/23	\$ 38.00	

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85099	AT&T	TELEMETRY LINE	\$ 63.82	
85100	AT&T INTERNET	INTERNET-10/07/23-11/06/23	\$ 117.70	
85101	BERTHA PEREZ	REFUND-STANDARD INSURANCE	\$ 117.74	
85102	CEMEX INC	SHOP SUPPLIES	\$ 397.03	
85103	CINTAS CORPORATION	JANITORIAL SERVICES	\$ 143.92	
85104	CITY OF SAN BERNARDINO	LYTLE CREEK STREAMFLOW-SEPT 2023	\$ 17,661.06	
85105	CITY OF SAN BERNARDINO	BLF WATER SVC-09/12/23-10/10/23	\$ 47.98	
85106	CORE & MAIN LP	MAINTENANCE SUPPLIES	\$ 142.08	
85107	COUNTY OF SAN BERNARDINO	FBR PERMIT FEE	\$ 588.00	
85108	EBIX, INC.	HOPE HEALTH NEWSLETTERS	\$ 376.00	
85109	FERGUSON, LETA	MEDICARE PART B JULY-SEPT 2023	\$ 247.35	
85110	GRANICUS LLC	SOFTWARE MAINTENANCE	\$ 14,837.90	
85111	GUERRA, DANIEL	D2 CERTIFICATION REIMBURSEMENT	\$ 60.00	
85111	GUERRA, DANIEL	AWWA WATER EDUCATION SEMINAR	\$ 37.40	
85112	INLAND SOLAR CHALLENGE	Inland Solar Challenge Sponsorship	\$ 1,000.00	
85113	JOHNSON'S HARDWARE INC	MAINTENANCE SUPPLIES	\$ 167.03	
85113	JOHNSON'S HARDWARE INC	MAINTENANCE SUPPLIES	\$ 3.23	
85114	JUST DOORS	NEW DOOR BLDG C	\$ 1,861.11	
85115	MARIPOSA LANDSCAPES INC	Landscape Maintenance Services	\$ 5,460.00	
85116	MIKE ROQUET CONSTRUCTION, INC.	Street Paving Service	\$ 10,560.60	
85116	MIKE ROQUET CONSTRUCTION, INC.	Street Paving Service	\$ 5,185.10	
85116	MIKE ROQUET CONSTRUCTION, INC.	Street Paving Service	\$ 10,192.70	
85117	MONTELONGO, ERNEST	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
85118	MONTELONGO, TERESA E	MEDICARE PART B JULY-SEPT 2023	\$ 494.70	
85119	NORM'S REFRIGERATION, LLC	ICE MACHINE MAINTENANCE	\$ 432.50	
85120	NORTH FONTANA INVESTMENT COMPANY LLC	DEP REFUNDS-CONTINGENCY/METER/VALVE BOX	\$ 1,350.00	
85120	NORTH FONTANA INVESTMENT COMPANY LLC	DEP REFUNDS-CONTINGENCY/METER/VALVE BOX	\$ 1,800.00	
85120	NORTH FONTANA INVESTMENT COMPANY LLC	DEP REFUNDS-CONTINGENCY/METER/VALVE BOX	\$ 11,996.00	
85121	NORTH FONTANA INVESTMENT COMPANY LLC	DEP REFUNDS-CONTINGENCY/METER/VALVE BOX	\$ 2,700.00	
85121	NORTH FONTANA INVESTMENT COMPANY LLC	DEP REFUNDS-CONTINGENCY/METER/VALVE BOX	\$ 1,800.00	
85121	NORTH FONTANA INVESTMENT COMPANY LLC	DEP REFUNDS-CONTINGENCY/METER/VALVE BOX	\$ 22,641.00	
85122	OCCUPATIONAL HEALTH CENTERS OF CALIFORNIA, A	HR RECRUITMENT SERVICES	\$ 505.00	
85123	O'REILLY AUTO PARTS	FBR SUPPLIES	\$ 65.70	
85123	O'REILLY AUTO PARTS	VEHICLE MAINTENANCE	\$ 45.76	
85124	PINNACLE PETROLEUM INC	Gasoline and Diesel for Fleet	\$ 15,547.06	
85125	RIALTO WATER SERVICES	WELL#16 WATER SVC	\$ 30.42	
85126	SO CAL LOCKSMITH	SHOP SUPPLIES	\$ 39.15	
85127	SO CALIFORNIA EDISON	WELL#17 ELECTRICITY-09/11/23-10/06/23	\$ 390.98	
85127	SO CALIFORNIA EDISON	WELL#6 ELECTRICITY	\$ 30,083.01	
85128	THE GAS COMPANY	HQ GAS BILL	\$ 17.44	
85129	UNDERGROUND SERVICE ALERT	MAINTENANCE SUPPLIES	\$ 207.40	
85129	UNDERGROUND SERVICE ALERT	MAINTENANCE SUPPLIES	\$ 594.50	
85130	YO FIRE	Inventory Parts YF 09/07/23	\$ 921.26	
85130	YO FIRE	Inventory Parts YF 09/07/23	\$ 748.87	
85131	HERNANDEZ, FRANCISCO	Customer Refund	\$ 90.84	
85132	MCKENNEY, MICHAEL	Customer Refund	\$ 36.30	
85133	LENNAR HOMES	Customer Refund	\$ 23.42	
85134	LENNAR CORP	Customer Refund	\$ 12.94	
85135	Rodriguez, Alonso	Customer Refund	\$ 17.94	
85136	LENNAR	Customer Refund	\$ 4.88	
85137	LENNAR HOMES	Customer Refund	\$ 4.00	
85138	LENNAR HOMES	Customer Refund	\$ 5.99	
85139	LENNAR HOMES	Customer Refund	\$ 8.26	
85140	MAX CASAS, VALERIE ZOMETA AND	Customer Refund	\$ 61.28	

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85141	GREGG ELECTRIC INC	Customer Refund	\$ 1,744.61	
85142	ELITE EARTHWORKS	Customer Refund	\$ 1,663.42	
85143	STICE COMPANY INC	Customer Refund	\$ 2,376.47	
85144	RICHMOND AMERICAN HOMES	Customer Refund	\$ 1,666.18	
85145	F., CHAN, SONIA	Customer Refund	\$ 2.57	
85146	LENNAR CORP	Customer Refund	\$ 7.07	
85147	LENNAR HOMES	Customer Refund	\$ 21.72	
85148	LENNAR	Customer Refund	\$ 31.34	
85149	LENNAR	Customer Refund	\$ 35.75	
85150	LENNAR HOMES	Customer Refund	\$ 33.62	
85151	LENNAR HOMES	Customer Refund	\$ 31.49	
85152	HARRIS, CARLA	Customer Refund	\$ 59.07	
85153	BRAUN, MICAH & CHED	Customer Refund	\$ 44.81	
85154	NORTH FONTANA INVESTMENT	Customer Refund	\$ 1,800.00	
85155	NORTH FONTANA INVESTMENT	Customer Refund	\$ 2,350.00	
85156	4IMPRINT, INC	Promotional Items	\$ 358.25	
85156	4IMPRINT, INC	Promotional Items	\$ 381.55	
85156	4IMPRINT, INC	Promotional Items	\$ 630.83	
85157	AGUA MANSA COMMERCE PHASE II LLC	DEPOSIT REFUNDS CONTINGENCY/METER/VALVE BC	\$ 2,700.00	
85157	AGUA MANSA COMMERCE PHASE II LLC	DEPOSIT REFUNDS CONTINGENCY/METER/VALVE BC	\$ 480.00	
85157	AGUA MANSA COMMERCE PHASE II LLC	DEPOSIT REFUNDS CONTINGENCY/METER/VALVE BC	\$ 22,009.33	
85158	AIRGAS USA LLC	PRODUCTION SUPPLIES	\$ 260.89	
85159	AMAZON.COM SALES INC	FBR SUPPLIES	\$ 560.28	
85159	AMAZON.COM SALES INC	SHOP SUPPLIES	\$ 186.01	
85159	AMAZON.COM SALES INC	SHOP SUPPLIES	\$ 825.21	
85159	AMAZON.COM SALES INC	PA SUPPLIES	\$ 90.49	
85160	AQUA-METRIC SALES CO	1" Iperl Meter Order 10/05/23	\$ 21,524.14	
85161	ASBCSD	MEMBER MTG 09/18/23	\$ 40.00	
85161	ASBCSD	MEMBER MTG 09/18/23	\$ 40.00	
85161	ASBCSD	MEMBER MTG 09/18/23	\$ 40.00	
85162	AWWA	2024 MEMBERSHIP FEES	\$ 4,802.00	
85163	BAVCO	WATER QUALITY SUPPLIES	\$ 119.80	
85164	BLAINE TECH SERVICES INC	Groundwater Sampling Services	\$ 3,207.00	
85165	BLUE - WHITE INDUSTRIES LTD	ROEMER SUPPLIES	\$ 577.51	
85166	CALIFORNIA SPECIAL DIST ASSOC	2024 MEMBERSHIP RENEWAL	\$ 9,275.00	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-774 S FILLMORE	\$ 994.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-268 W CERRITOS	\$ 994.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-19481 EASTERN INTERSEC	\$ 958.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-2015 STONEHURST	\$ 1,084.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1771 W LOWELL	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-775 W CARTER	\$ 1,003.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-983 W CHESHIRE	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1556 W NORWOOD	\$ 1,021.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-2465 W VIA VERDE	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-2466 BUENA VISTA	\$ 1,021.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-871 S IDYLWILD	\$ 1,023.50	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-774 S BRAMPTON	\$ 1,003.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-140 W EASTON	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-2401 W CALLE VISTA	\$ 1,072.10	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-5535 N RIVERSIDE	\$ 1,003.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-741 W HAWTHORNE	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1453 W ORCHARD	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1107 W BOHNERT	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1016 W BAXTON	\$ 1,012.70	



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EFT/Check #	Vendor Name	Description	O & M Amount	CIP Amount
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1302 S SAN DIMAS	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-831 S SPRUCE	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1455 N SAGE	\$ 1,023.50	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1325 N DRIFTWOOD	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-804 S SPRUCE	\$ 1,037.90	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-695 E SCOTT	\$ 1,012.70	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-1362 S YUCCA	\$ 1,072.10	
85167	CITY OF RIALTO-ENGINEERING SERVICES DEPARTME	ENCROACHMENT PERMIT-838 W VALLEY	\$ 1,241.30	
85168	COLONIAL SUPPLEMENTAL INSURANCE	COLONIAL	\$ 40.40	
85168	COLONIAL SUPPLEMENTAL INSURANCE	COLONIAL	\$ 88.95	
85168	COLONIAL SUPPLEMENTAL INSURANCE	COLONIAL	\$ 1,357.80	
85168	COLONIAL SUPPLEMENTAL INSURANCE	COLONIAL	\$ 654.25	
85168	COLONIAL SUPPLEMENTAL INSURANCE	COLONIAL	\$ 1,445.03	
85168	COLONIAL SUPPLEMENTAL INSURANCE	COLONIAL	\$ 723.86	
85168	COLONIAL SUPPLEMENTAL INSURANCE	EE Adjust - Refund Recieved	\$ 157.02	
85169	CORE & MAIN LP	MAINTENANCE SUPPLIES	\$ 353.44	
85170	CRAMER PAINTING INC	Paint teal pipes and attached pumpos at Roemer	\$ 7,300.00	
85171	DLT SOLUTIONS LLC	InfoWater Pro 2024 Government Single-user	\$ 5,107.96	
85172	FEDEX	MAILING FEES	\$ 23.15	
85172	FEDEX	MAILING FEES	\$ 40.66	
85173	FRANCHISE TAX BOARD	GARNISHMENT	\$ 110.00	
85173	FRANCHISE TAX BOARD	GARNISHMENT	\$ 110.00	
85173	FRANCHISE TAX BOARD	GARNISHMENT	\$ 110.00	
85173	FRANCHISE TAX BOARD	GARNISHMENT	\$ 110.00	
85174	GHD INC	Professional Engineering Services Roemer Expansion		\$ 84,732.31
85175	GOMEZ, LUIS	SAFETY GLASSES	\$ 155.00	
85176	GRAINGER INC	WATER QUALITY SUPPLIES	\$ 898.03	
85176	GRAINGER INC	RP Backflow Preventers	\$ 2,638.37	
85176	GRAINGER INC	RP Backflow Preventers	\$ 10,553.46	
85176	GRAINGER INC	FBR SUPPLIES	\$ 366.05	
85176	GRAINGER INC	ROEMER SUPPLIES	\$ 388.35	
85177	GREEN MEDIA CREATIONS INC	WreathMaking Workshop	\$ 1,250.00	
85178	HOME DEPOT	Portable welder for Production Department	\$ 2,585.99	
85178	HOME DEPOT	ROEMER SUPPLIES	\$ 26.96	
85178	HOME DEPOT	ROEMER SUPPLIES	\$ 227.17	
85178	HOME DEPOT	ROEMER SUPPLIES	\$ 751.93	
85178	HOME DEPOT	ROEMER SUPPLIES	\$ 804.89	
85178	HOME DEPOT	MAINTENANCE SUPPLIES	\$ 202.01	
85178	HOME DEPOT	DISTRICT MAINTENANCE	\$ 53.28	
85178	HOME DEPOT	DISTRICT MAINTENANCE	\$ 353.89	
85178	HOME DEPOT	DISTRICT MAINTENANCE	\$ 88.31	
85178	HOME DEPOT	DISTRICT MAINTENANCE	\$ 6.01	
85179	I.U.O.E., LOCAL UNION NO. 12	I.U.O.E LOCAL 12 UNION DUES	\$ 341.00	
85179	I.U.O.E., LOCAL UNION NO. 12	I.U.O.E LOCAL 12 UNION DUES	\$ 341.00	
85180	INLAND EMPIRE UTILITIES AGENCY	SERVICES 08/01/23-08/31/23	\$ 36,697.75	
85181	JOHNSON'S HARDWARE INC	PRODUCTION SUPPLIES	\$ 27.98	
85181	JOHNSON'S HARDWARE INC	PRODUCTION SUPPLIES	\$ 12.92	
85181	JOHNSON'S HARDWARE INC	PRODUCTION SUPPLIES	\$ 56.00	
85181	JOHNSON'S HARDWARE INC	PRODUCTION SUPPLIES	\$ 32.29	
85181	JOHNSON'S HARDWARE INC	WATER QUALITY SUPPLIES	\$ 105.55	
85181	JOHNSON'S HARDWARE INC	MAINTENANCE SUPPLIES	\$ 116.31	
85182	LEGAL SHIELD	LEGALSHIELD	\$ 214.29	
85182	LEGAL SHIELD	LEGALSHIELD	\$ 214.26	
85183	O'REILLY AUTO PARTS	WATER QUALITY SUPPLIES	\$ 39.30	



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85183	O'REILLY AUTO PARTS	FBR SUPPLIES	\$ 7.55	
85184	PACK N MAIL	CUSTOMER SERVICES-SEPT 2023	\$ 131.00	
85185	PR DIAMOND PRODUCTS INC.	PRODUCTION SUPPLIES	\$ 624.00	
85186	RIALTO WATER SERVICES	ROEMER SEWER SERVICE-08/31/23-09/30/23	\$ 67.17	
85187	RIVERSIDE COUNTY TREASURER-TAX COLLECTOR	ASSESSMENT#2023-175210033	\$ 0.03	
85187	RIVERSIDE COUNTY TREASURER-TAX COLLECTOR	ASSESSMENT#2023-175210033	\$ 0.03	
85188	SB COUNTY FIRE PROTECTION DISTRICT	PERMIT FEES ROEMER	\$ 919.00	
85189	SO CALIFORNIA EDISON	BLF ELECTRICITY-09/20/23-10/18/23	\$ 57.98	
85190	THE SHERWIN-WILLIAMS CO	ROEMER SUPPLIES	\$ 201.89	
85191	THE STANDARD	AD&D	\$ (1.29)	
85191	THE STANDARD	LIFE INSURANCE	\$ (6.50)	
85191	THE STANDARD	EE Adjusts	\$ (168.02)	
85191	THE STANDARD	AD&D	\$ 25.20	
85191	THE STANDARD	DEPENDENT LIFE	\$ 4.92	
85191	THE STANDARD	LIFE INSURANCE	\$ 186.00	
85191	THE STANDARD	LONG TERM DISABILITY	\$ 19.61	
85191	THE STANDARD	AD&D	\$ 323.06	
85191	THE STANDARD	DEPENDENT LIFE	\$ 98.40	
85191	THE STANDARD	LIFE INSURANCE	\$ 2,287.70	
85191	THE STANDARD	LONG TERM DISABILITY	\$ 2,070.17	
85191	THE STANDARD	AD&D	\$ 6.30	
85191	THE STANDARD	DEPENDENT LIFE	\$ 1.23	
85191	THE STANDARD	LIFE INSURANCE	\$ 46.50	
85191	THE STANDARD	LONG TERM DISABILITY	\$ 3.12	
85191	THE STANDARD	EMPLOYEE AFTER-TAX	\$ 673.01	
85191	THE STANDARD	EMPLOYEE AFTER-TAX	\$ 694.49	
85192	TYLER TECHNOLOGIES INC	Meter-Reader Interface Incode-Sensus Analytics	\$ 97.50	
85192	TYLER TECHNOLOGIES INC	Meter Data Sync with Scheduler - AMI	\$ 72.50	
85193	WESTBROOK FENCE INC	Wrought Iron Fencing for 3 ESBS Sites		\$ 56,469.54
85193	WESTBROOK FENCE INC	Wrought Iron Fencing for Material Yard and Well 42		\$ 47,390.05
85194	YO FIRE	Angle Valves 10/17/23	\$ 2,521.35	
85194	YO FIRE	Inventory Parts YF 09/07/23	\$ 2,146.38	
85194	YO FIRE	Inventory Parts YF 09/07/23	\$ 1,497.73	
85194	YO FIRE	Ford Parts 10/16/23	\$ 362.04	
85194	YO FIRE	Ford Parts 10/16/23	\$ 1,163.70	
85194	YO FIRE	Ford Parts 10/16/23	\$ 1,120.60	
85194	YO FIRE	Ford Parts 10/16/23	\$ 765.03	
85194	YO FIRE	Ford Parts 10/16/23	\$ 711.15	
85194	YO FIRE	Ford Parts 10/16/23	\$ 696.07	
85194	YO FIRE	Ford Parts 10/16/23	\$ 398.66	
85194	YO FIRE	Ford Parts 10/16/23	\$ 9,800.94	
85194	YO FIRE	Ford Parts 10/16/23	\$ 161.63	
85194	YO FIRE	Ford Parts 10/16/23	\$ 273.69	
85194	YO FIRE	WATER QUALITY SUPPLIES	\$ 307.09	
85194	YO FIRE	MAINTENANCE SUPPLIES	\$ 23.71	
85194	YO FIRE	MAINTENANCE SUPPLIES	\$ 334.03	
SUBTOTALS			\$ 2,096,544.40	\$ 2,610,745.13
<b>GRAND TOTAL</b>				<b>\$ 4,707,289.53</b>

# Exhibit B

**WEST VALLEY WATER DISTRICT  
PAYROLL GROSS WAGES  
FISCAL YEAR 2023 - 2024**

<b>Report Month</b>	<b>Description</b>	<b>From</b>	<b>To</b>	<b>Gross Wages Paid</b>
July 2023	Monthly Pay Period #7	06/01/23	06/30/23	9,041.30
July 2023	Pay Period #14	06/23/23	07/07/23	331,576.10
July 2023	Pay Period #15	07/07/23	07/21/23	292,507.74
Total for July 2023				633,125.14
August 2023	Monthly Pay Period #8	07/01/23	07/31/23	9,237.85
August 2023	Pay Period #16	07/21/23	08/04/23	297,113.15
August 2023	Pay Period #17	08/04/23	08/18/23	291,853.84
Total for August 2023				598,204.84
September 2023	Monthly Pay Period #9	08/01/23	08/31/23	9,827.50
September 2023	Pay Period #18	08/18/23	09/01/23	314,409.32
September 2023	Pay Period #19	09/01/23	09/15/23	297,567.02
September 2023	Manual Check (Settlement)	09/29/23	10/13/23	15,000.00
Total for September 2023				636,803.84
October 2023	Monthly Pay Period #10	09/01/23	09/30/23	8,255.10
October 2023	Pay Period #20	09/15/23	09/29/23	291,088.81
October 2023	Pay Period #21	09/29/23	10/13/23	302,492.90
Total for October 2023				601,836.81

**WEST VALLEY WATER DISTRICT  
EFT AND PAYROLL ITEMS  
OCTOBER 2023**

Date	Item	Check No. or EFT	Amount
	Monthly Pay Period #10	N/A	0.00
	Pay Period #20	8920-8921	1,456.16
	Pay Period #21	8922-8924	4,274.70
	<b>Total Checks</b>		<b><u>5,730.86</u></b>
10/05/23	Monthly Pay Period #10 Direct Deposits	EFT	7,261.13
10/05/23	Federal Tax Withheld Social Security & Medicare	EFT	1,499.52
10/05/23	State Tax Withheld and State Disability Insurance	EFT	26.52
10/05/23	Pay Period #20 Direct Deposits	EFT	189,421.53
10/05/23	Federal Tax Withheld Social Security & Medicare	EFT	74,485.26
10/05/23	State Tax Withheld and State Disability Insurance	EFT	14,762.56
10/05/23	Lincoln Deferred Compensation Withheld	EFT	13,475.29
10/05/23	Lincoln - Employer Match Benefit	EFT	3,475.00
10/05/23	Lincoln - 401a Employer Match Benefit	EFT	22,500.00
10/05/23	Nationwide Deferred Compensation Withheld	EFT	4,177.30
10/05/23	Nationwide - Employer Match Benefit	EFT	700.00
10/05/23	CalPERS Retirement - Classic (EPMC and ER contribution)	EFT	28,650.85
10/05/23	CalPERS Retirement - 2nd Tier (EE and ER contribution)	EFT	18,958.82
10/05/23	California State Disbursement / EDD	EFT	984.46
10/19/23	Pay Period #21 Direct Deposits	EFT	195,869.07
10/19/23	Federal Tax Withheld Social Security & Medicare	EFT	76,907.13
10/19/23	State Tax Withheld and State Disability Insurance	EFT	15,524.78
10/19/23	Lincoln Deferred Compensation Withheld	EFT	12,351.42
10/19/23	Lincoln - Employer Match Benefit	EFT	3,400.00
10/19/23	Nationwide Deferred Compensation Withheld	EFT	4,177.30
10/19/23	Nationwide - Employer Match Benefit	EFT	700.00
10/19/23	CalPERS Retirement - Classic (EPMC and ER contribution)	EFT	28,572.27
10/19/23	CalPERS Retirement - 2nd Tier (EE and ER contribution)	EFT	19,664.54
10/19/23	California State Disbursement / EDD	EFT	984.46
10/11/23	CalPERS - OPEB Contribution CERBT ARC FY 23/24	EFT	621,153.00
	<b>Total EFT</b>		<b><u>1,359,682.21</u></b>
	<b>Grand Total Payroll Cash</b>		<b><u>1,365,413.07</u></b>

Payroll Gross Wages



**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** William Fox, Chief Financial Officer  
**SUBJECT:** PURCHASE ORDER REPORT - OCTOBER 2023

---

**MEETING HISTORY:**

11/30/23 Finance Committee REFERRED TO BOARD

**BACKGROUND:**

The West Valley Water District (“District”) generated thirty-nine (39) Purchase Orders (“PO”) in the month of October 2023 to various vendors that provide supplies and services to the District. The total amount issued to PO’s for the month of October 2023 was **\$387,138.54**. A table listing all PO’s for October 2023 is shown in **Exhibit A**.

There were no Change Orders (“CO”) approved at the General Manager’s approval level during the month of October 2023.

**FISCAL IMPACT:**

There is no fiscal impact for producing the October 2023 Purchase Order Report.

**STAFF RECOMMENDATION:**

Approve the October 2023 Purchase Order Report.  
 Respectfully Submitted,

---

Al Robles, Purchasing Supervisor

JT;ar

**ATTACHMENT(S):**

1. Exhibit A - October 2023 Purchase Order Report

# Exhibit A



West Valley Water District, CA

# Purchase Order Summary Report

## Purchase Order Detail

Issued Date Range 10/01/2023 - 10/31/2023

PO Number	Description Vendor	Status Ship To	Issue Date Delivery Date	Trade Discount	Total
24-0127	Galv Parts 09/22/23 00066 - GRAINGER INC	Completed West Valley Water District	10/2/2023 10/2/2023	0.00	54.48
24-0128	Galv Parts 09/21/23 00066 - GRAINGER INC	Completed West Valley Water District	10/2/2023 10/2/2023	0.00	73.50
24-0129	Galv Parts 09/21/23 00066 - GRAINGER INC	Completed West Valley Water District	10/2/2023 10/2/2023	0.00	184.86
24-0130	Temporary test VFD for Well 41 01124 - GENERAL PUMP COMPANY INC	Outstanding West Valley Water District	10/2/2023 10/16/2023	0.00	7,479.00
24-0131	Replacement breaker for Well 15 00016 - CED CREDIT OFFICE	Completed West Valley Water District	10/2/2023 10/16/2023	0.00	13,804.93
24-0132	CalWEP Dues 02654 - CALIFORNIA WATER EFFICIENCY PARTNERSHIP	Outstanding West Valley Water District	10/2/2023 10/16/2023	0.00	974.23
24-0133	New Drive Tires for Unit 105 02252 - INLAND ROAD SERVICE & TIRE	Completed West Valley Water District	10/3/2023 10/17/2023	0.00	2,103.43
24-0134	PSA for Community Workforce 02653 - PACIFIC RESOURCES SERVICES CORPORATION	Outstanding West Valley Water District	10/3/2023 10/17/2023	0.00	48,648.00
24-0135	LP619 Order 10/04/23 00748 - YO FIRE	Completed West Valley Water District	10/4/2023 10/4/2023	0.00	8,120.00
24-0136	Forklift 201F Repairs 01700 - PG MECHANICAL	Completed West Valley Water District	10/4/2023 10/18/2023	0.00	2,310.64
24-0137	Pull and inspect Well 42 01124 - GENERAL PUMP COMPANY INC	Outstanding West Valley Water District	10/5/2023 10/19/2023	0.00	22,105.00
24-0138	Portable welder for Production Department 00386 - HOME DEPOT	Completed West Valley Water District	10/5/2023 10/19/2023	0.00	2,585.99
24-0139	RP Backflow Preventers 00066 - GRAINGER INC	Completed West Valley Water District	10/5/2023 10/19/2023	0.00	13,191.83
24-0140	1" Iperl Meter Order 10/05/23 00255 - AQUA-METRIC SALES CO	Completed West Valley Water District	10/5/2023 10/5/2023	0.00	19,976.00
24-0141	Galv Parts 10/05/23 01567 - MCMaster-CARR SUPPLY COMPANY	Completed West Valley Water District	10/9/2023 10/9/2023	0.00	730.86
24-0142	WreathMaking Workshop 02577 - GREEN MEDIA CREATIONS INC	Completed West Valley Water District	10/11/2023 10/25/2023	0.00	1,250.00
24-0143	Inland Solar Challenge Sponsorship 02645 - INLAND SOLAR CHALLENGE	Completed West Valley Water District	10/11/2023 10/25/2023	0.00	1,000.00
24-0144	Promotional Items 02290 - 4IMPRINT, INC	Completed West Valley Water District	10/11/2023 10/25/2023	0.00	1,370.63



## Purchase Order Summary Report

Issued Date Range 10/01/2023 - 10/31/2023

PO Number	Description Vendor	Status Ship To	Issue Date Delivery Date	Trade Discount	Total
24-0145	4' AirVac 10/12/23 01657 - CORE & MAIN LP	Outstanding West Valley Water District	10/12/2023 10/12/2023	0.00	2,340.28
24-0146	3" Meters 10/12/23 00255 - AQUA-METRIC SALES CO	Outstanding West Valley Water District	10/12/2023 10/12/2023	0.00	8,725.92
24-0147	Computers Supplies Oct 2023 00326 - CDW GOVERNMENT INC	Completed West Valley Water District	10/12/2023 10/26/2023	0.00	5,325.60
24-0148	Emergency replacement 90 for Hydro Excavator 01654 - HAAKER EQUIPMENT COMPANY	Outstanding West Valley Water District	10/16/2023 10/30/2023	0.00	1,826.07
24-0149	Ford Parts 10/16/23 00748 - YO FIRE	Partially Received West Valley Water District	10/16/2023 10/16/2023	0.00	18,206.00
24-0150	Ford Order FRG 10/16/23 00160 - FERGUSON ENTERPRISES INC # 677	Outstanding West Valley Water District	10/16/2023 10/16/2023	0.00	17,656.22
24-0152	Iperl Meter order 10/17/23 00255 - AQUA-METRIC SALES CO	Outstanding West Valley Water District	10/17/2023 10/17/2023	0.00	46,096.94
24-0153	Kamstrup Meter Order 10/17/23 01657 - CORE & MAIN LP	Outstanding West Valley Water District	10/17/2023 10/17/2023	0.00	31,817.50
24-0154	Angle Valves 10/17/23 00748 - YO FIRE	Completed West Valley Water District	10/17/2023 10/17/2023	0.00	2,340.00
24-0155	InfoWater Pro 2024 Government Single-user 00642 - DLT SOLUTIONS LLC	Completed West Valley Water District	10/17/2023 10/31/2023	0.00	5,107.96
24-0156	Pull and inspect Well 42 01124 - GENERAL PUMP COMPANY INC	Outstanding West Valley Water District	10/16/2023 10/30/2023	0.00	23,665.00
24-0157	Lord Ranch Fence repair 02377 - EL ROD FENCE CO, INC	Completed West Valley Water District	10/19/2023 11/2/2023	0.00	3,887.00
24-0158	FBR Influent Booster A (Motor Repair) 01124 - GENERAL PUMP COMPANY INC	Outstanding West Valley Water District	10/19/2023 11/2/2023	0.00	6,866.80
24-0159	Purchase of 24 inch valve and actuator 00729 - SOUTHWEST VALVE & EQUIPMENT	Outstanding West Valley Water District	10/18/2023 11/1/2023	0.00	16,608.00
24-0160	Large Meter Box/Lids 10/23/23 00941 - OLDCASTLE INFRASTRUCTURE INC	Outstanding West Valley Water District	10/23/2023 10/23/2023	0.00	25,644.96
24-0163	Clamps and Saddle YF 10/23/23 00748 - YO FIRE	Outstanding West Valley Water District	10/23/2023 10/23/2023	0.00	1,410.53
24-0164	Saddles and Clamps 10/23/23 00748 - YO FIRE	Outstanding West Valley Water District	10/23/2023 10/23/2023	0.00	1,193.00
24-0165	SDE Geodatabase - Data Backup 01032 - DCSE INC	Outstanding West Valley Water District	10/26/2023 11/9/2023	0.00	1,200.00
24-0166	Well 6 Site Inspection 01124 - GENERAL PUMP COMPANY INC	Outstanding West Valley Water District	10/26/2023 11/9/2023	0.00	1,560.00
24-0167	ADA Accessibility Services 02666 - MLARCHITECTURE INC	Outstanding West Valley Water District	10/26/2023 11/9/2023	0.00	18,145.00

**Purchase Order Summary Report**

**Issued Date Range 10/01/2023 - 10/31/2023**

<b>PO Number</b>	<b>Description</b>	<b>Status</b>	<b>Issue Date</b>	<b>Trade Discount</b>	<b>Total</b>
24-0168	Replace defective motor for Beko air dryer	Outstanding	10/26/2023	0.00	1,552.38
	02664 - RW LAWSON INC	West Valley Water District	11/9/2023		

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**Purchase Order Count: (39)      Total Trade Discount: 0.00      Total: 387,138.54**



**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** William Fox, Chief Financial Officer  
**SUBJECT:** MONTHLY TRANSFER REPORT - OCTOBER 2023

---

**MEETING HISTORY:**

11/30/23 Finance Committee REFERRED TO BOARD

**BACKGROUND:**

At the August 20, 2020, Board of Directors meeting, the WVWD Board of Directors approved and authorized the Chief Financial Officer to transfer funds in/out of the District's Chase account to/from the District's investment accounts to take advantage of potential interest earnings. At this meeting, the WVWD Board also requested that the CFO provide a detailed report to the Board of all transfers on a monthly basis and include this report in the monthly financial reports presented to the Board.

**DISCUSSION:**

Following the Board's request for monthly updates on transfers related to investments is the October 2023 Funds Transfer Report. This is located at Exhibit A. There was one transfer during the month made from the Local Agency Investment Fund (LAIF) account for \$1.4 million going into the Chase General Checking Account. Funds were transferred for payment of construction costs on the Romer Expansion Project in the amount of \$1.2 million and the remaining \$0.2 million was for general operations.

**FISCAL IMPACT:**

Lost interest earnings on funds transferred from the LAIF account. Transfer was made out of operational necessity.

**STAFF RECOMMENDATION:**

That the Board of Directors approve the October 2023 Funds Transfer Report.  
 Respectfully Submitted,

---

William Fox, Chief Financial Officer

WF

**ATTACHMENT(S):**

1. Exhibit A - 2023 October Transfer Form

# EXHIBIT A

**Fund Transfer Detail October 2023**

Date	Beginning Balances	Amount
10/18/2023	Chase Gen Checking	1,636,326.18
10/18/2023	LAIF	6,300,147.15

Date	Transfers	Amount
10/18/2023	LAIF → Chase Gen Checking	1,400,000.00

Date	**Ending Balances (After Transfers)	Amount
10/18/2023	Chase Gen Checking	1,795,723.63
10/18/2023	LAIF	4,975,534.83

*\*\*Ending balances may include other credits/deposits besides transfer amounts.*



**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** William Fox, Chief Financial Officer  
**SUBJECT:** TREASURER'S REPORT - OCTOBER 2023

---

**MEETING HISTORY:**

11/30/23 Finance Committee REFERRED TO BOARD

**BACKGROUND:**

On a monthly basis the Finance Committee meets with the General Manager and Finance Staff to review the Treasurer's Report that covers the prior month. This encompasses balances, reserve levels, reserve classifications, interest earned, investment maturities, reinvestments made during the month, and compliance with the State of California Local Agency Investment Guidelines.

**DISCUSSION:**

West Valley Water District ("District") contracts with the Clifton Larson Allen LLP to prepare the monthly Treasurer's Report. This is an independent report that opines on the investment balances, classifications, and activity. This report also examines the District's investment policy to ensure that it follows the State of California's Local Agency Investment Guidelines (Government Code Section 53601(b)). The Treasurer Report for the Month of October 2023 (Exhibit A) is presented to the Finance Committee for review and discussion.

**FISCAL IMPACT:**

Monthly Cost of \$2,625 was included in the FY 2023-24 annual budget.

**STAFF RECOMMENDATION:**

That the Board of Directors approve the Treasurers Report.  
 Respectfully Submitted,

---

William Fox, Chief Financial Officer

WF

**ATTACHMENT(S):**

1. Exhibit A - 2023 October Treasurer Report



# EXHIBIT A

**West Valley Water District  
Cash, Investment & Reserve Balances - October 31, 2023**

Institution/Investment Type	September 2023 Balance	October 2023 Balance	OPERATING CASH	Minimum Balance	Target Balance	Maximum Balance
<b>Funds Under Control of the District:</b>			Balance Available for Daily Operations	\$ 39,988,911.36	\$ 41,358,595.22	\$ 31,020,347.58
District Cash Drawers	\$ 4,300.00	\$ 4,300.00	<b>Total Operating Cash</b>	<b>\$ 39,988,911.36</b>	<b>\$ 41,358,595.22</b>	<b>\$ 31,020,347.58</b>
	<b>\$ 4,300.00</b>	<b>\$ 4,300.00</b>	<b>UNRESTRICTED RESERVES</b>			
Checking and Savings:			<b>CAPITAL RESERVES</b>			
Chase - General Government Checking	\$ 3,584,505.15	\$ 1,918,494.70	Capital Project Account - 100% FY 23-24	\$ 8,796,340.00	\$ 8,796,340.00	\$ 10,000,000.00
Chase - Special Rebate Checking	\$ -	\$ -	Capital Project Account-25% FY 24-25	\$ 1,554,000.00	\$ 1,554,000.00	\$ 8,000,000.00
Chase - UTC Routine Checking	\$ 5,000.56	\$ 5,000.56	Emergency Account	\$ (1,369,683.86)	\$ (2,739,367.72)	\$ (4,109,051.58)
Chase - UTC Non-Routine Checking	\$ 48,636.50	\$ 48,636.50		<b>\$ 8,980,656.14</b>	<b>\$ 7,610,972.28</b>	<b>\$ 13,890,948.42</b>
	<b>\$ 3,638,142.21</b>	<b>\$ 1,972,131.76</b>	<b>LIQUIDITY FUNDS</b>			
State of California, Local Agency Investment Fund*	\$ 6,300,147.15	\$ 4,975,534.83	Rate Stabilization Account	\$ 4,058,271.50	\$ 4,058,271.50	\$ 5,411,028.67
US Bank - Chandler Asset Mgmt	\$ 31,036,724.54	\$ 31,060,753.42	Operating Reserve Account	\$ 8,116,543.00	\$ 8,116,543.00	\$ 10,822,057.33
US Bank - Chandler Liquidity Fund	\$ 61,601,997.10	\$ 61,874,294.98		<b>\$ 12,174,814.50</b>	<b>\$ 12,174,814.50</b>	<b>\$ 16,233,086.00</b>
CalTrust Pooled Investment Fund - Short Term	\$ 17,420,842.18	\$ 17,494,968.78	<b>OTHER OPERATING RESERVES</b>			
CalTrust Pooled Investment Fund - Medium Term	\$ -	\$ -	Self-Insurance Reserve	\$ 5,000,000.00	\$ 5,000,000.00	\$ 5,000,000.00
U. S. Treasury Bills				<b>\$ 5,000,000.00</b>	<b>\$ 5,000,000.00</b>	<b>\$ 5,000,000.00</b>
Government Agencies (Federal Home Loan Bank)	\$ -	\$ -	<b>Total Unrestricted Reserves</b>	<b>\$ 26,155,470.64</b>	<b>\$ 24,785,786.78</b>	<b>\$ 35,124,034.42</b>
<b>Total</b>	<b>\$ 120,002,153.18</b>	<b>\$ 117,381,983.77</b>	<b>Total OP Cash &amp; UR Reserves</b>	<b>\$ 66,144,382.00</b>	<b>\$ 66,144,382.00</b>	<b>\$ 66,144,382.00</b>
Funds Under Control of Fiscal Agents:			<b>RESTRICTED RESERVES</b>			
<b>US BANK</b>			2016A Bond	\$ 240.99	\$ 240.99	\$ 240.99
2016A Bond - Principal & Payment Funds	\$ 455,156.69	\$ 124.78	Customer Deposit Accounts	\$ 4,577,822.04	\$ 4,577,822.04	\$ 4,577,822.04
2016A Bond - Interest Fund	\$ 428,193.96	\$ 116.21	Capacity Charge Acct Balance	\$ 43,659,779.73	\$ 43,659,779.73	\$ 43,659,779.73
<b>Total</b>	<b>\$ 883,350.65</b>	<b>\$ 240.99</b>	CIP account in LAIF for capital purposes	\$ 3,000,000.00	\$ 3,000,000.00	\$ 3,000,000.00
<b>Grand Total</b>	<b>\$ 120,885,503.83</b>	<b>\$ 117,382,224.76</b>	<b>Total Restricted Reserves</b>	<b>\$ 51,237,842.76</b>	<b>\$ 51,237,842.76</b>	<b>\$ 51,237,842.76</b>
			<b>Total Cash &amp; Investments</b>	<b>\$ 117,382,224.76</b>	<b>\$ 117,382,224.76</b>	<b>\$ 117,382,224.76</b>

I hereby certify that the investment activity for this reporting period conforms with the investment policy adopted by the West Valley Water District Board of Directors and the California Government Code Section 53601

I also certify that there are adequate funds available to meet the District's Budget.

\_\_\_\_\_  
Chief Financial Officer

\*Quarterly interest posted the month following the quarter end.

**Note:**

All significant assumptions, methodologies and analyzed amounts were discussed with and agreed to by the District's accounting staff. From this conversation, we believe the District's accounting staff has the requisite knowledge and understanding of the processes/analyses prepared by CLA as not to impair our independence.

**Total Fund Balance**

When comparing the District's total fund balances month-over-month between October 2023 (\$117,382,224.76) and September (\$120,885,503.83), CLA found the fund balance decreased by \$3,503,279.07 between October and September 2023.

**U.S. Bank Chandler Custodial Account**

**Cash/Money Market** - Per Section 9.11 of the District's investment policy, "The company shall have met either one of the following criteria: 1) attained the highest ranking or the highest letter and numerical rating provided by not less than two NRSROs "Nationally Recognized Statistical Rating Organization" or 2) retained an investment adviser registered or exempt from registration with the Securities and Exchange Commission with not less than five years of experience managing money market mutual funds with assets under management in excess of five hundred million dollars." Based on Chandler Asset Management's reconciliation summary for the period ending October 31, 2023, CLA was able to confirm the District's cash and money-market securities were in accordance with the investment policy. CLA also conducted a review of the District's cash and money-market securities and found that all the District's holdings were in alignment with the requirements set forth in the investment policy.

In addition to ensuring that the District's money market funds attained the highest ranking provided by more than one NRSRO, the District also met the requirements outlined in Section 9.11 of the investment policy through its established relationship with Chandler Asset Management. With total assets under management of over \$30 billion with over thirty-five years of experience in managing money market mutual funds, Chandler Asset Management exceeds the requirements of the District's policy.

Per the investment policy, the maximum percentage of District investments in money market funds is capped at 20%. Similarly, the allowable mutual fund and money market account instruments per California government code (Sections 53601(I) and 53601.6(b)) for local government entities are also capped at 20%. The District's money market balance percentage as of October 31, 2023 is 0.18%. Therefore, the District is following both the investment policy and California governmental code.

**United States Treasury Issues** – Per Section 9.1 of the investment policy, "there's no limitation as to the percentage of the portfolio that may be invested in this category."

The District's investment policy is in uniformity with the State of California's Local Agency Investment Guidelines (Government Code Section 53601(b)). These guidelines establish that maximum investment maturities for United States Treasury Obligations are limited to five years. However, the legislative body may grant express authority to make investments either specifically or as a part of an investment program approved by the legislative body that exceeds this five-year remaining maturity limit. Such approval must be issued no less than three months prior to the purchase of any security exceeding the

## West Valley Water District Investment Memo – October 2023

five-year maturity limit. These guidelines do not establish a maximum specified percentage of the District's investment portfolio for United States Treasury Obligations.

As of October 31, 2023, 62.92% of the District's total portfolio is invested in United States Treasury Issues. With no maximum percentage established for United States Treasury Issues, the District is in conformity with the investment policy and the State of California's Local Agency Investment Guidelines.

**Negotiable Certificates of Deposit** – Section 9.4 of the District's investment policy states "purchases are limited to securities that have a long-term debt rating of at least the "A" category, or its equivalent, by a NRSRO." All instruments categorized as negotiable certificates of deposit in the District's portfolio follow Section 9.4 of the investment policy, as each security has a satisfactory long-term debt rating, and the investment matures within the five-year time frame as dictated in the policy. Based on CLA's analysis, the purchase dates for all medium-term notes fall within the five-year framework established in the investment policy.

Per Section 9.4 of the investment policy, the maximum percentage of investments in negotiable certificates of deposit is 30% of the portfolio.

The District's investment policy is also in accordance with the State of California's Local Agency Investment Guidelines (Government Code Section 53601(i)) regarding negotiable certificates of deposit. These guidelines establish a maximum specified percentage of the District's investment portfolio for certificates of deposit at 30%. The State of California's guidelines also establish that maximum investment maturities for medium-term notes are limited to five years.

Negotiable certificates of deposit constitute 0.0% of the District's total investment balance as of October 31, 2023. Therefore, the District is following both the investment policy and the State of California's standards.

**Medium-Term Notes** – Section 9.10 of the District's investment policy states "purchases are limited to securities that have a long-term debt rating of at least the "A" category, or its equivalent, by a NRSRO." The investment policy also states that medium-term notes should have a "maximum remaining maturity of five years or less." All instruments categorized as medium-term notes in the District's portfolio follow Section 9.10 of the investment policy, as each security has a satisfactory long-term debt rating, and the investment matures within the five-year time frame as dictated in the policy. Based on CLA's analysis, the purchase dates for all medium-term notes fall within the five-year framework established in the investment policy.

Per Section 9.10 of the investment policy, the maximum percentage of investments in medium short-term notes is 30% of the portfolio.

The District's investment policy is also in accordance with the State of California's Local Agency Investment Guidelines (Government Code Section 53601(k)) regarding medium-term notes. These guidelines establish a maximum specified percentage of the District's investment portfolio for medium-term notes at 30%. The State of California's guidelines also establish that maximum investment maturities for medium-term notes are limited to five years.

Medium-term notes constitute 7.26% of the District's total investment balance as of October 31, 2023. Therefore, the District is following both the investment policy and the State of California's standards.

## West Valley Water District Investment Memo – October 2023

**Federal Agency Obligations** – Per Section 9.5 of the District’s investment policy, “there is no limitation as to the percentage of the portfolio that may be invested in this category, however, purchases of callable Federal Agency obligations are limited to a maximum of 30 percent of the portfolio.” Although the policy does not explicitly list the bond rating requirements for federal agency obligations, all the District’s current federal agency holdings are rated AAA by multiple NRSRO’s as of September 30, 2023.

While the State of California’s Local Agency Investment Guidelines have not established a maximum specified percentage for investments in federal agency obligations, these guidelines establish that maximum investment maturities for Federal Agency Obligations are limited to five years (Government Code Section 53601(f)). However, the legislative body may grant express authority to make investments either specifically or as a part of an investment program approved by the legislative body that exceeds this five year remaining maturity limit. Such approval must be issued no less than three months prior to the purchase of any security exceeding the five-year maturity limit.

Federal agency obligations represent 7.56% of the District’s total investment balance as of October 31, 2023. Therefore, the District is in accordance with both its investment policy as well as the guidelines set-forth by the State of California.

**Municipal Bonds** – Per Section 9.6 of the District’s investment policy, “purchases are limited to securities that have a long-term debt rating of at least the “A” category, or its equivalent, by a NRSRO; and/or have a short term debt rating of at least “A-1”, or its equivalent, by a NRSRO.” The maximum percentage of District investments in municipal bonds is capped at 20%.

While the State of California’s Local Agency Investment Guidelines have not established a maximum specified percentage for investments in municipal bonds, these guidelines establish that maximum investment maturities for Federal Agency Obligations are limited to five years (Government Code Section 53601(d)). However, the legislative body may grant express authority to make investments either specifically or as a part of an investment program approved by the legislative body that exceeds this five year remaining maturity limit. Such approval must be issued no less than three months prior to the purchase of any security exceeding the five-year maturity limit.

Municipal bonds represent 0.26% of the District’s total investment balance as of October 31, 2023. Therefore, the District is in accordance with both its investment policy as well as the guidelines set-forth by the State of California.

**Local Agency Investment Fund (LAIF)**

The State of California, Local Agency Investment Fund (LAIF) processes a same-day transaction if notified by 10:00 am. This ability satisfies the investment requirement of 24-hour liquidity as stipulated in the investment policy for the District.

Per Section 9.2 of the District’s investment policy, the maximum percentage of investments in the State of California, Local Agency Investment Fund is unlimited.

The District’s investment policy is also in accordance with the State of California’s Local Agency Investment Guidelines (Government Code Section 16429.1) concerning the Local Agency Investment Fund. These guidelines establish no maximum specified percentage of the District’s investment portfolio while also dictating no maximum maturity date for LAIF investments.

## West Valley Water District Investment Memo – October 2023

Per the Standard and Poor's rating system, California's Current Credit Rating is AA-, identifying the credit quality of the fund's portfolio performance as strong.

As of the period ending October 31, 2023, the District's Local Agency Investment Fund balance represents 4.24% of the District's entire portfolio. Therefore, the District is following the investment policy as well as the standards of the Local Agency Investment Guidelines.

Based on the LAIF performance report dated November 14, 2023, LAIF investments had a net-yield of 3.670%. Regarding portfolio composition, LAIF fund investments were split into the following categories (percentages may not total 100% due to rounding):

- Treasuries- 61.60%
- Agencies- 21.62%
- Certificates of Deposit/Bank Notes- 7.81%
- Commercial Paper- 5.32%
- Time Deposits- 3.11%
- Loans- 0.23%
- Corporate Bonds- 0.31%

On March 20, 2019, the District received a \$3 million dollar settlement as part of a larger association of local water districts and municipalities, from the San Gabriel Valley Water Company, Fontana Union Water Company, and the San Gabriel California Corporation. Per the settlement agreement, "West Valley and the non-settling plaintiffs separately asserted six claims alleging breach of contract and other claims arising from the 1961 Decree." The 1961 Decree governs groundwater pumping from a portion of the Rialto-Colton Basin. The claims also concern the defendants (Fontana Parties) pumping from a portion of the Rialto-Colton Basin that is outside the Rialto Basin as defined by the 1961 Decree. The San Bernardino Basin Area and most but not all the Rialto-Colton Basin are located within the service area of the Valley District and this violation served as the basis of the settlement.

The settlement check was received and deposited into the District's General Government Checking bank account and the District's board approved the transfer of the \$3 million in settlement funds to the District's LAIF account on April 4, 2019. While these funds have been earmarked for Capital Improvement Projects, the District has yet to allocate these funds to any specific project and the District will house all settlement funding in the LAIF account until board approval is received for the allocation of these funds.

#### **The Investment Trust of California (Cal TRUST)**

The District maintains investments in the CalTRUST Short-Term Fund. For the month ending October 31, 2023 the Net Asset Value per share was \$10.00 (\$17,494,968.78 book value) for CalTRUST Short-Term Fund investments. Per the CalTRUST Month End Portfolio Statistics dated October 31, 2023, the credit rating for the Short-Term Fund is AAf, identifying the credit quality of the fund's portfolio performance as very strong.

Section 9.3 of the District's investment policy states "no limit will be placed on the percentage total in this category." The State of California also fails to establish a maximum percentage total for investment trusts per Government Code Section 16340. As of the period ending October 31, 2023, the District's CalTRUST investment balance represents 14.90% of the District's entire portfolio. Therefore, the District

## West Valley Water District Investment Memo – October 2023

is following the investment policy and the standards set-forth by the State of California as it relates to CalTRUST securities.

**Bank Deposits**

Based on the District's investment policy, "Securities placed in a collateral pool must provide coverage for at least 100 percent of all deposits that are placed in that institution." As of October 31, 2023, the District maintained balances within the FDIC limit of \$250,000 for each of its bank accounts, except for the Chase General Governmental Checking account. The Chase General Governmental Checking account maintains funds for operational purposes and normally carries a balance of at least \$1.5 million dollars which represents funding for one payroll, and one accounts payable check run. In CLA's comparison between the District's general checking account balances for October 2023 (\$1,918,494.70) and September 2023 (\$3,584,505.15), CLA observed a decrease of \$1,666,010. The District moved \$1.4 million from the LAIF account to the main account. The District made payments of \$2.2 million for multiple projects. Additionally, the District paid CalPERS \$621 thousand for unfunded accrued liability. Any remaining variance is a result of regular activities.

During our review of the October 2023 Chase General Governmental Checking account bank statement, it was noted that there were 12 fraudulent activities totaling \$9,400. West Valley Water District ("WVWD") has a procedure where the bank issues a check/ACH exception report for WVWD to review and reject fraudulent checks/ACHs as needed. Currently, WVWD has implemented check number and amount positive pay.

While the District reconciles its deposit accounts monthly, CLA found that the District has historically reported the month-ending bank statement balance on the Treasurer's Report. Because the monthly bank statement does not take any outstanding checks or other withdrawals into account, the District may be overstating the General Government Checking balances on the Treasurer's Report, which ultimately impacts its liquidity.

In September, the UTC Routine Checking account was \$5,000.56 and the UTC Non-Routine Checking account balance was \$48,636.50. The balances in both accounts went remained unchanged between October 2023 and September 2023. The relatively low balances in both accounts (in comparison with the historical balances) is due to the CFO's emphasis on transferring more of its unrestricted cash balances to the District's investments accounts to take advantage of the increased rate of return.

In analyzing the accounting for the District's cash drawers (\$3,600) and petty cash (\$700), per the District's accounting staff, the District's cash drawers are normally reconciled daily. Each drawer is counted by the customer service representative responsible for the drawer and a secondary count is performed by the customer service lead or supervisor prior to the funds being relinquished to the District's armored security provider, Gaurda, for deposit daily. Cash deposits are reconciled daily by the District's accounting department. Petty cash is normally reconciled by the accounting department monthly. The District's accounting department provided CLA with a formalized reconciliation for the petty cash account and the cash drawers for October 2023, therefore CLA was able to agree the cash drawers and petty cash balance to the District Cash Drawers summary schedule.

Section 9.12 of the investment policy asserts that "there is no limit on the percentage of the portfolio that may be invested in bank deposits." Similarly, the State of California's Government Code for

## West Valley Water District Investment Memo – October 2023

Allowable Investment Instruments fails to dictate any portfolio standards for general bank deposit accounts. Although no maximum has been established for amounts invested in bank deposits by the investment policy or the State of California, CLA can verify that as of October 31, 2023 the District had 1.68% of its portfolio invested in bank deposit accounts.

**Commercial Paper**

Commercial paper is an unsecured, short-term debt instrument issued by a corporation, typically for the financing of accounts payable and inventories and meeting short-term liabilities. Commercial paper is usually issued at a discount from face value and typically reflects prevailing market interest rates. Per section 9.8 of the investment policy, the entity that issues the commercial paper should meet all the following conditions “(i) is organized and operating in the United States as a general corporation, (ii) has total assets in excess of five hundred million dollars (\$500,000,000), and (iii) has debt other than commercial paper, if any, that is rated at least the “A” category by a NRSRO. For a commercial paper investment to be eligible for the District, the commercial paper shall not have a maximum maturity of 270 days or less and no more than 25% of the District’s portfolio may be invested in this category.

The District’s investment policy is also in accordance with the State of California’s Local Agency Investment Guidelines (Government Code Section 53601 (h)) regarding Commercial Paper. These guidelines establish a maximum specified percentage of the District’s investment portfolio for commercial paper at 25%. The State of California’s guidelines also establish that maximum investment maturities for commercial paper should be 270 days or less.

As of October 31, 2023, the District had 0.00% invested in commercial paper investment. Therefore, the District is following both the investment policy and the State of California’s standards.

**Supranational**

Supranationals are explicitly defined in Section 9.14 of the investment policy as “US dollar-denominated senior unsecured unsubordinated obligations or unconditionally guaranteed by the International Bank for Reconstruction and Development, International Finance Corporation, or Inter-American Development Bank”. Securities listed as supranationals must be rated in the AA category or higher by a NRSRO and no more than 30% of the District’s portfolio may be invested in these securities with a maximum maturity of five years.

The District’s investment policy is also in accordance with the State of California’s Local Agency Investment Guidelines (Government Code Section 53601(q)) regarding supranationals. These guidelines establish a maximum specified percentage of the District’s investment portfolio for supranationals at 30%. The State of California’s guidelines also establish that maximum investment maturities for supranationals should be five years or less.

As of October 31, 2023, the District’s investments in five securities categorized as supranationals was 0.98% of the total portfolio and securities maintained a maturity date of less than five years from the original purchase date. CLA can confirm that the District’s supranational investments meet the standards of both the investment policy and the State of California.



## West Valley Water District Reserve Memo – October 2023

**Note:**

All significant assumptions, methodologies and analyzed amounts were discussed with and agreed to by the District's accounting staff. From this conversation, we believe the District's accounting staff has the requisite knowledge and understanding of the processes/analyses prepared by CLA as not to impair our independence.

The district staff has prepared a new reserve policy, which will be presented to the Board for approval. The reserve memo has been updated to reflect all the changes.

**Restricted Funds**

**Bond Proceeds Fund(s)** – Balances in the bond proceeds fund accounts represent monies derived from the proceeds of a bond issue. Per the requirements of the District's reserve policy, the target level for the debt service reserve requirement is established at the time of the bond issue. Based on documentation provided to CLA, "no reserve fund has been established in connection with the issuance of the 2016A bonds." Therefore, the October 31, 2023 ending balance of \$240.99 satisfies the minimum balance requirements per the District's reserve policy.

**Customer Deposit Accounts** – Due to fluctuations in the number of utility customer deposits required and the number of development projects in process, no minimum or maximum levels have been established for customer deposit accounts. The customer deposit account balances presented on the treasurer's report are based on the ending balance on the general ledger for the month. The customer deposit accounts are reconciled monthly. CLA was able to confirm that the customer deposit accounts balance presented on the September 2023 Treasurer's Report reconciles with the District's general ledger. The October 31, 2023 balance of \$4,577,822.04 in customer deposit accounts satisfies the balance requirements of the District's reserve policy.

**Capacity Charge Account** – The District's reserve policy does not explicitly address or specify any minimum or maximum funding levels for capacity charge accounts. However, based on the reconciliation schedule provided by the District, CLA can confirm that the balance of \$43,659,779.73 presented on the October 2023 Treasurer's Report for the Capacity Charge Account reconciles with the documentation provided to CLA with no variance.

**CIP Account in LAIF for Capital Purposes** – On March 20, 2019, the District received a \$3 million dollar settlement as part of a larger association of local water districts and municipalities, from the San Gabriel Valley Water Company, Fontana Union Water Company and the San Gabriel California Corporation. The check was received and deposited into the District's General Government Checking bank account and the District's board approved the transfer of the \$3 million dollars in settlement funds to the District's LAIF account on April 4, 2019. While these settlement funds have been restricted for Capital Improvement Projects, currently there are no designations or allocations for District funding towards any Capital Improvement Projects.

**Capital Reserve Funds**

**Capital Project Account** – The capital project account is used for the funding of new capital assets or the rehabilitation, enhancement, or replacement of capital assets when they reach the end of their useful lives. Per the requirements of the District's reserve policy, "the minimum target level WVWD will strive

## West Valley Water District Reserve Memo – October 2023

for is 100% of its then-current year fiscal year from the Capital Improvement Budgets plus 25% of the amount estimated to be needed the following fiscal year, less minimum levels established for the Emergency Account.” The District currently maintains a balance of \$10,350,340 (\$8,796,340.00 for fiscal year 2023-24 and \$1,554,000 for fiscal year 2024-25) in its capital project account, meeting the minimum target level required for both fiscal years. CLA was able to confirm that the District is in adherence with the minimum target level requirement as of October 31, 2023 by comparing the board-approved Fiscal Year 2023-24 Capital Improvement Budget which indicates a total CIP for fiscal year 2023-24 of \$8,796,340.00. The reserve policy only requires the district to maintain 25% of the amount estimated to be needed the following fiscal year 2024-25 which amounts to \$1,554,000, therefore, the District meets the requirement indicated in its reserve policy.

**Emergency Account** – The emergency account may be utilized to purchase water at any time or to begin repair of the water system after a catastrophic event. Therefore, a minimum target level equal to 2% of net capital assets of the District’s water system has been established to enable the district to manage emergency situations. Per October 31, 2023 general ledger detail reporting provided by the District’s accounting staff, CLA was able to confirm that the District’s net assets total \$136,968,386.34. As of October 31, 2023, the emergency account represents a balance of \$2,739,367.72 or 1% of total net assets, allowing the District to meet its requirements for the reserve policy.

#### Liquidity Funds

**Rate Stabilization Fund** – This fund is established to provide flexibility to the Board when settling rates to allow for absorbing fluctuations in water demand and smoothing out rate increases over time, temporarily defraying any unforeseen decreases in the sale of water. To remain in conjunction with the reserve policy, the District should aim to maintain a minimum level equal to 45 days of the District’s budgeted total operating expenses. Per the FY 2023-24 board-approved budget, the District anticipates operating expense of \$32,466,172.00 for the current fiscal year. The District’s current balance of \$4,058,271.50 in its rate stabilization account achieves the minimum target level for this account as indicated in the reserve policy.

**Operating Reserve Account** – This fund may be routinely utilized by staff to cover temporary cash flow deficiencies caused by timing differences between revenue and expenses or decreases in revenues and unanticipated increases in expenses. Given the significance of this account, the District strives to maintain a minimum amount equal to 90 days of the District’s budgeted total operating expenses in this account. Per the FY 2023-24 board-approved budget, CLA can confirm the District has an operating expenses budget of \$32,466,172.00. As of October 31, 2023, the operating reserve account maintains a balance of \$8,116,543.00, which satisfies the requirements of the District’s reserve policy.

**Self-Insurance Reserve** – As indicated in the minutes from the April 5, 2018 board meeting, the District’s board of directors approved \$5,000,000 in funds for employee liability claims and this amount is considered adequate based on conversations with the District’s CFO.

**Balance Available for Daily Operations** – This balance represents the District’s total cash balance less any fund requirements. For the month ending October 31, the District had a total of \$117,382,224.76 in various institutional accounts. The required reserve balances by type total \$77,393,313.40 and are categorized as follows:

## West Valley Water District Reserve Memo – October 2023

- Restricted Funds- \$51,237,842.76
- Capital Reserve Funds- \$8,980,656.14
- Liquidity Funds- \$12,174,814.50
- Other Reserves- \$5,000,000.00

Based on the District's Treasurer's Report, which indicates a total cash balance of \$117,382,224.76 and fund requirements of \$77,393,313.40, the fund balance available for daily operations reconciles to the October 2023 Treasurer's report.

CLA reviewed the Treasurer's report for clerical accuracy and recalculated the total Unrestricted Reserves balance and agreed the totals to the October 2023 Treasurer's Report. The Treasurer's Report indicates that West Valley Water District's total cash, investment, and reserve balances as of October 31, 2023 total \$117,382,224.76. In its assessment of the District's accounts, the balances on the Treasurer's Report appear to agree with the supporting documentation provided by the West Valley Water District.

West Valley Water District  
Investment Policy Analysis  
10/31/2023

U.S. Bank - Chandler Asset Management		
Money Market	211,162.70	A
Commercial Paper	-	A
Federal Agency Obligations	8,879,137.30	A
U.S. Government	73,860,532.70	A
Corporate Bonds	8,527,265.70	A
Municipal Bonds	300,873.00	A
Supranational	1,156,077.00	A
Negotiable CD	-	A
<b>Total U.S. Bank - Chandler Asset Management Funds</b>	<b>92,935,048.40</b>	

Checking and Savings		
Bank of Hope	-	B
Chase-1653 (Operating Account)	1,918,494.70	B
Chase-1368	5,000.56	B
Chase-1392	48,636.50	B
Chase-5993 (Rebate Account)	-	B
2016A Bond - Principal & Payment Funds	124.78	B
2016A Bond - Interest Fund	116.21	B
District Cash Drawers	4,300.00	C
<b>Total Checking and Savings</b>	<b>1,976,672.75</b>	

CalTRUST Short Term Fund	17,494,968.78	A
CalTRUST Medium Term Fund	-	A
LAIF	4,975,534.83	A

**Total Oct 31, 2023 District Funds 117,382,224.76**

The balances indicated above are as of Oct 31, 2023

Balances verified with monthly investment statements provided by client **A**  
Balances verified with monthly bank statements provided by client **B**  
Balances verified with monthly reconciliations provided by client **C**

The purpose of this report is to calculate the asset class percentage in comparison with the maximum portfolio percentage allowed by the district's investment policy

Based on our review of the asset classes as of 10/31/23, West Valley Water District is in

Security Type	Maximum per Investment Policy	Balance
Commercial Paper	25%	-
Federal Agency Obligations	30%	8,879,137.30
U.S. Government	No Limit	73,860,532.70
Municipal Bonds	20%	300,873.00
LAIF	No Limit	4,975,534.83
CalTRUST	No Limit	17,494,968.78
Negotiable CD	30%	-
Medium Term Notes (Corporate Bonds)	30%	8,527,265.70
Money Market	20%	211,162.70
Bank Deposits	No Limit	1,976,672.75
Supranational	30%	1,156,077.00
		117,382,224.76
<b>Funds Excluded from Policy</b>	2016A	-
<b>Total Oct 31, 2023 District Funds</b>		<b>117,382,224.76</b>

Asset Class	Oct 2023	
	(% of Total Investments)	Maximum Portfolio (%)
Commercial Paper	0.00%	25%
Federal Agency Obligations	7.56%	30%
U.S. Government	62.92%	No Limit
Municipal Bonds	0.26%	20%
LAIF	4.24%	No Limit
CalTRUST	14.90%	No Limit
Negotiable CD	0.00%	30%
Medium Term Notes (Corporate Bonds)	7.26%	30%
Money Market	0.18%	20%
Bank Deposits	1.68%	No Limit
Supranational	0.98%	30%

West Valley Water District  
Bond Analysis  
October 31, 2023

**Liquidity Fund**

Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Purchase Date	Maturity	Investment Maturity (Years)
U S Treasury Bill - 912797FW2	15,353,990.00	P-1	Yes	7/10/2023	1/4/2024	0.5
U S Treasury Bill - 912797JE8	5,409,800.00	P-1	Yes	10/19/2023	2/20/2024	0.3
U S Treasury Bill - 912797LL9	15,666,400.00	P-1	Yes	9/25/2023	3/21/2024	0.5
U S Treasury Bill-912796CX5	4,875,000.00	P-1	Yes	10/19/2023	4/18/2024	0.5
U S Treasury Bill - 912797FJ1	10,487,610.00	P-1	Yes	6/22/2023	11/9/2023	0.4
U S Treasury Bill - 912797FV4	9,926,400.00	P-1	Yes	6/22/2023	12/21/2023	0.5
First American Govt Obligation Fund Class Y - 31846V203	155,094.98	Aaa	Yes	various		
<b>Total Liquidity Fund</b>	<b>61,874,294.98</b>					

**Money Market Fund**

Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Purchase Date	Maturity	Investment Maturity (Years)
First American Govt Obligation Fund Class Y - 31846V203	56,067.72	Aaa	Yes	various		
<b>Total Money Market</b>	<b>56,067.72</b>					

**Federal Agency Obligations**

Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Purchase Date	Maturity	Investment Maturity (Years)
Federal Home Loan Bks - 3130AB3H7	187,881.50	Aaa	Yes	4/8/2019	3/8/2024	4.8
Federal Home Loan Bks - 3130A0XE5	247,895.00	Aaa	Yes	3/19/2019	3/8/2024	4.9
FFCB Note 3133EKNX0	245,235.00	Aaa	Yes	6/25/2019	6/3/2024	4.9
Federal Home Loan Bks - 3130A1XJ2	245,977.50	Aaa	Yes	6/12/2019	6/14/2024	4.9
F N M A - 3135G0V75	243,905.00	Aaa	Yes	7/8/2019	7/2/2024	4.9
FFCB- 3133EKP75	241,710.00	Aaa	Yes	10/15/2019	9/17/2024	4.9
F N M A - 3135G0W66	241,082.50	Aaa	Yes	10/17/2019	10/15/2024	4.9
Federal Farm Credit Bks - 3133ENS43	494,790.00	Aaa	Yes	10/20/2022	10/17/2024	2.0
Federal Farm Credit Bks - 3133ENZ94	494,775.00	Aaa	Yes	11/16/2022	11/18/2027	4.9
Federal Home Loan Bks - 3130ATUR6	594,882.00	Aaa	Yes	2/1/2023	12/13/2024	1.8
F N M A - 3135G0X24	90,955.85	Aaa	Yes	1/8/2020	1/7/2025	4.9
Federal Farm Credit Bks - 3133ENZ37	496,480.00	Aaa	Yes	11/3/2022	1/10/2025	2.2
Federal Home Loan Mortgage Company - 3137EAEPO	271,633.50	Aaa	Yes	2/13/2020	2/12/2025	4.9
F N M A Deb - 3135G03U5	158,965.30	Aaa	Yes	4/22/2020	4/22/2025	4.9
F N M A - 3135G04Z3	264,334.65	Aaa	Yes	6/17/2020	6/17/2025	4.9
F H L M C - 3137EAEU9	322,980.00	Aaa	Yes	7/21/2020	7/21/2025	4.9
F N M A - 3135G05X7	467,909.70	Aaa	Yes	10/6/2020	8/25/2025	4.8
Federal Home Loan Bks - 3130AJXA2	274,377.00	Aaa	Yes	10/7/2020	9/12/2025	4.9
FHLMC MTN - 3137EAEX3	201,242.80	Aaa	Yes	9/23/2020	9/23/2025	4.9
F N M A - 3135G06G3	456,100.00	Aaa	Yes	11/1/2020	11/7/2025	4.9
Federal Home Loan Bks - 3130AKFA9	452,385.00	Aaa	Yes	12/16/2020	12/12/2025	4.9
Federal Home Loan Bks - 3130ATUS4	485,680.00	Aaa	Yes	1/31/2023	12/10/2027	4.8
Federal Home Loans Bks - 3130AWMN7	487,795.00	Aaa	Yes	7/26/2023	6/9/2028	4.8
Federal Home Loans Bks - 3130AWN63	478,195.00	Aaa	Yes	8/16/2023	6/30/2028	4.8
Federal Home Loans Bks - 3130AWTR1	731,970.00	Aaa	Yes	9/7/2023	9/8/2028	4.9
<b>Total Federal Agency Obligations</b>	<b>8,879,137.30</b>					

**Negotiable Certificate of Deposit**

Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Purchase Date	Maturity	Investment Maturity (Years)
<b>Total Negotiable Certificates of Deposit</b>	-					

Commercial Paper						
Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Purchase Date	Maturity	Investment Maturity (Years)
<b>Total Commercial Paper</b>	-					

Municipal Bonds						
Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Purchase Date	Maturity	Investment Maturity (Years)
California ST Taxable Vr Purp Go - 13063D7D4	300,873.00	Aa2	Yes	10/4/2023	10/1/2028	4.9
<b>Total Municipal Bonds</b>	<b>300,873.00</b>					

Supranational						
Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Inception Date	Maturity	Investment Maturity (Years)
International Finance Corp - 45950KCR9	240,200.00	Aaa	Yes	7/12/2021	10/16/2024	3.2
International Bank M T N - 459058JL8	182,568.00	Aaa	Yes	10/22/2020	10/28/2025	4.9
Inter American Devel Bk - 4581X0DV7	451,705.00	Aaa	Yes	4/13/2021	4/20/2026	5.0
International Bank M T N - 459058KT9	281,604.00	Aaa	Yes	7/18/2023	7/12/2028	4.9
<b>Total Supranational</b>	<b>1,156,077.00</b>					

U.S. Corporate						
Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Inception Date	Maturity	Investment Maturity (Years)
John Deere Capital Corp - 24422EVN6	331,341.80	A2	Yes	3/1/2021	1/17/2024	2.8
National Rural Util Coop - 637432NL5	198,386.00	A1	Yes	4/6/2022	2/7/2024	1.8
Charles Schwab Corp. - 808513BN4	102,893.70	A2	Yes	3/16/2021	3/18/2024	3.0
Amazon Com Inc. - 023135BW5	292,065.00	A1	Yes	5/10/2021	5/12/2024	3.0
Jpmorgan Chase Co - 46625HJX9	296,253.00	A1	Yes	12/5/2019	5/13/2024	4.4
Caterpillar Fini Service - 14913R2L0	301,332.40	A2	Yes	5/10/2021	5/17/2024	3.0
Salesforce Com Inc - 79466LAG9	48,255.50	A2	Yes	6/29/2021	7/15/2024	3.0
US Bancorp - 91159HHX1	145,809.00	A3	Yes	2/5/2021	7/30/2024	3.4
Paccar Financial Corp - 69371RR40	115,342.80	A1	Yes	8/3/2021	8/9/2024	3.0
Paccar Financial Corp - 69371RR73	226,262.70	A1	Yes	3/31/2022	4/7/2025	3.0
Pepsico Inc - 713448CT3	288,492.00	A1	Yes	10/31/2022	4/30/2025	2.5
Pfizer Inc Sr Glbl Nto - 717081EX7	116,215.00	A1	Yes	6/3/2020	5/28/2025	4.9
Microsoft Corp - 594918BJ2	383,832.00	Aaa	Yes	1/20/2023	11/3/2025	2.7
State Str Corp - 857477BR3	75,608.80	A1	Yes	2/27/2022	2/6/2026	3.9
Apple Inc. - 037833EB2	158,068.75	Aaa	Yes	2/5/2021	2/8/2026	4.9
Unitedhealth Group Inc. - 91324PEC2	54,169.80	A2	Yes	6/16/2021	5/15/2026	4.8
Walmart Inc - 931142ERO	53,479.20	Aa2	Yes	9/8/2021	9/17/2026	5.0
Honeywell International - 438516BL9	277,452.00	A2	Yes	12/13/2022	11/1/2026	3.8
Duke Energy Carolinas - 26442CAS3	279,048.00	Aa3	Yes	10/28/2022	12/1/2026	4.0
Target Corp - 87612EBM7	126,039.20	A2	Yes	1/19/2022	1/15/2027	4.9
Procter Gamble Co The - 742718FV6	270,690.00	Aa3	Yes	2/1/2022	2/1/2027	4.9
Charles Schwab Corp - 808513BY0	83,756.75	A2	Yes	3/1/2022	3/3/2027	4.9
Berkshire Hathaway Fin - 084664C22	255,326.40	Aa2	Yes	3/7/2022	3/15/2027	5.0
Blackrock Inc - 09247XAN1	232,687.50	Aa3	Yes	4/27/2022	3/15/2027	4.8
Northern Tr Corp Sr Nt - 665859AW4	281,982.00	A2	Yes	5/5/2022	5/10/2027	4.9
Unitedhealth Group Inc - 91324PEG3	287,355.75	A2	Yes	5/17/2022	5/15/2027	4.9
Walmart Inc - 931142EX7	239,307.50	Aa2	Yes	9/12/2022	9/9/2027	4.9
Apple Inc - 037833DK3	229,852.50	Aaa	Yes	2/1/2023	11/13/2027	4.7
Toyota Mtr Cr Corp - 89236TKQ7	343,650.65	A1	Yes	1/9/2023	1/12/2028	4.9
Mastercard Incorporated - 57636QAW4	393,504.00	Aa3	Yes	3/9/2023	3/9/2028	4.9
Public Service Electric - 74456QBU9	323,620.50	A1	Yes	6/22/2023	5/1/2028	4.8
Florida Pwr Lt Co - 341081GN1	333,011.00	Aa2	Yes	6/22/2023	5/15/2028	4.8
Merck Co Inc - 58933YBH7	380,752.00	A1	Yes	5/17/2023	5/17/2028	4.9
Prologis L P - 74340XCG4	240,480.00	A3	Yes	6/27/2023	6/15/2028	4.9
Toronto Dominion Bank - 89114QCA4	293,775.00	A1	Yes	4/23/2021	6/12/2024	3.1
Bank of Montreal - 06367WB85	234,952.50	A2	Yes	8/6/2021	5/1/2025	3.7
Royal Bank of Canada - 78015K7H1	232,215.00	A1	Yes	5/20/2021	6/10/2025	4.0
<b>Total U.S. Corporate</b>	<b>8,527,265.70</b>					

U.S. Government						
Security Description	Market Value	Moody's (NRSRO) Long-Term Rating as of 10/31/23	Rated A or Equivalent?	Inception Date	Maturity	Investment Maturity (Years)
U.S. Treasury Note - 9128282U3	169,872.50	Aaa	Yes	12/30/2019	8/31/2024	4.6
U.S. Treasury Note - 912828YM6	480,940.00	Aaa	Yes	12/9/2020	10/31/2024	3.8
U.S. Treasury Note - 912828YV6	239,745.00	Aaa	Yes	12/11/2019	11/30/2024	4.9
U.S. Treasury Note - 912828Z52	476,310.00	Aaa	Yes	5/9/2021	1/31/2025	3.7
U.S. Treasury Note - 912828ZF0	467,755.00	Aaa	Yes	2/24/2021	3/31/2025	4.0
U.S. Treasury Note - 912828ZL7	465,370.00	Aaa	Yes	1/13/2021	4/30/2025	4.2
U.S. Treasury Note - 912828ZT0	462,715.00	Aaa	Yes	12/16/2020	5/31/2025	4.4
U.S. Treasury Note - 91282CAB7	459,435.00	Aaa	Yes	12/16/2020	7/31/2025	4.6
U.S. Treasury Note - 91282CAJ0	457,830.00	Aaa	Yes	12/1/2020	8/31/2025	4.7
U.S. Treasury Note - 91282CAT8	454,670.00	Aaa	Yes	12/1/2020	10/31/2025	4.8
U.S. Treasury Note - 91282CBC4	453,065.00	Aaa	Yes	1/8/2021	12/31/2025	4.9
U.S. Treasury Note - 91282CBH3	451,190.00	Aaa	Yes	2/16/2021	1/31/2026	4.9
U.S. Treasury Note - 91282CBQ3	451,095.00	Aaa	Yes	3/4/2021	2/28/2026	4.9
U.S. Treasury Note - 91282CCF6	224,795.00	Aaa	Yes	6/28/2021	5/31/2026	4.9
U.S. Treasury Note - 91282CCP4	445,530.00	Aaa	Yes	9/17/2021	7/31/2026	4.8
U.S. Treasury Note - 91282CCW9	445,545.00	Aaa	Yes	11/29/2021	8/31/2026	4.7
U.S. Treasury Note - 91282CCZ2	446,405.00	Aaa	Yes	12/15/2021	9/30/2026	4.7
U S Treasury Note - 91282CDK4	448,440.00	Aaa	Yes	10/20/2022	11/30/2026	4.1
U S Treasury Note - 91282CEF4	463,105.00	Aaa	Yes	11/2/2022	3/31/2027	4.4
U.S. Treasury Note - 91282CEN7	465,940.00	Aaa	Yes	6/6/2022	4/30/2027	4.8
U S Treasury Note - 91282CET4	416,776.50	Aaa	Yes	7/8/2022	5/31/2027	4.8
U S Treasury Note - 91282CEW7	472,950.00	Aaa	Yes	10/20/2022	6/30/2027	4.6
U S Treasury Note - 91282CFH9	230,069.70	Aaa	Yes	10/6/2022	8/31/2027	4.8
U S Treasury Note - 91282CFM8	486,660.00	Aaa	Yes	10/24/2022	9/30/2027	4.9
U S Treasury Note - 91282CFU0	486,445.00	Aaa	Yes	11/18/2022	10/31/2027	4.9
U S Treasury Note - 9128283F5	452,285.00	Aaa	Yes	11/28/2022	11/15/2027	4.9
U S Treasury Note - 91282CGC9	577,830.00	Aaa	Yes	1/26/2023	12/31/2027	4.9
U S Treasury Note - 91282CHX2	588,564.00	Aaa	Yes	9/27/2023	8/31/2028	4.9
<b>Total U.S. Government</b>	<b>12,141,332.70</b>					

<b>US Bank - Chandler Asset Mgmt</b>	
Oct 2023 Bond Total per Treasurer's Report	31,060,753.42
Total Per Oct 2023 Chandler Statement	31,060,753.42
Variance	-

<b>US Bank - Chandler Liquidity Fund</b>	
Oct 2023 Bond Total per Treasurer's Report	61,874,294.98
Total Per Oct 2023 Chandler Statement	61,874,294.98
Variance	-







**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Linda Jadeski, Director of Engineering  
**SUBJECT:** CHANGE ORDER NO. 3 WITH PCL CONSTRUCTION, INC. FOR THE OLIVER P. ROEMER WATER FILTRATION FACILITY UPGRADE AND EXPANSION PROJECT

---

**MEETING HISTORY:**

11/21/23 Engineering, Operations and Planning Committee REFERRED TO BOARD

**BACKGROUND:**

In February 2023 the Board of Directors approved a \$3,000,000 construction contingency for the Oliver P. Roemer Water Filtration Facility Upgrade and Expansion project which was to be set aside for unexpected costs during construction. Construction contingency is a form of risk management used to avoid cutting costs, to keep the project's schedule on track and to ensure material and workmanship quality. It is also used to cover other costs such as:

- Unknown underground conflicts
- Unpredictable changes in the scope
- Unexpected costs that can arise
- Owner-requested changes
- Design upgrades/modifications

Unexpected costs are inevitable on a project of this magnitude and within the current unpredictable construction/procurement environment. Identifying the need for the unexpected cost through a change order and managing them as they arise are key to the project's success.

Attached as Exhibit A is Change Order No. 3 for the above referenced project. This change order includes the change in scope of work to modify the design and construction of the facility from Risk Category II to Risk Category III pursuant to the 2022 California Building Code. The changes include the reinforcement of the perimeter footing of the filter building, additional excavation, formwork, concrete and rebar for the effluent pump station, increased wall thickness, foundation and rebar for the retaining wall, an increase in the vertical wall reinforcement and roof sheathing due to the increased seismic load calculation of the operations building and the additional equipment and labor needed to support those efforts. It also includes a descope of the new UV transmittance for the new UV reactor that was originally part of PCL's scope of supply. No time impacts to the project schedule result from this change order.

**FISCAL IMPACT:**

The cost to perform the additional work as outlined in Change Order No. 3 is \$162,046.00. The cost for this change order is to be covered through the existing construction contingency which will leave \$2,782,507.79 available for any future change orders if needed. This change order will increase the contract amount to \$59,334,363.21.

**STAFF RECOMMENDATION:**

Staff recommends that the Board of Directors:

1. Approve Change Order No. 3 with PCL Construction, Inc. in the amount of \$162,046.00 for the Oliver P. Roemer Water Filtration Facility Upgrade and Expansion Project and;
  2. Authorize the General Manager to execute all necessary documents.
- Respectfully Submitted,

---

Lizett Santoro, Engineering Specialist II

LJ:ls

**ATTACHMENT(S):**

1. Exhibit A - Change Order #3 - Risk Category Change and UVT Removal

# EXHIBIT A

WEST VALLEY WATER DISTRICT

**CHANGE ORDER**

Order No. 3  
Date 11/9/2023  
Agreement Date 10/31/2022  
Sheet 1 of 2

Owner: West Valley Water District

Project: Oliver P Roemer Water Filtration Facility Upgrade and Expansion

Contractor: PCL Construction, Inc

The following changes are hereby made to the Contract Documents:

<b><u>ITEM NO.</u></b>	<b><u>EXTRA WORK DESCRIPTION</u></b>	<b><u>ADD</u></b>	<b><u>DEDUCT</u></b>	<b><u>CALENDAR DAYS</u></b>
1	Delete: UV Transmittance for new UV reactors	-	(\$14,810)	-
	Add: Impacts associated with the Structural redesign from Risk Category II to Risk Category III	\$176,856		
	<b>TOTALS</b>	-	-	-
<b>TOTALS FOR CHANGE ORDER NO. 3</b>				<b>\$162,046</b>

**JUSTIFICATION:**

For item#1 - Owner-initiated change for descoping the new UV Transmittance for the UV reactors, which was originally part of PCL’s scope of supply.

For item#2 - Pre-proposal documentation directed the Contractor to design/build to Risk Category II, as the structural risk category for the project. This Change Order was the result of the structural redesign being revised to Risk Category 3 as directed by the West Valley Water District.

**CHANGE TO CONTRACT PRICE**

Original Contract Price \$ 59,116,871.00

Current Contract Price Adjusted by Previous Change Order(s) \$ 59,172,317.21

Contract Price due to this Change Order shall be increased

\$ 162,046

New Contract Price including this Change Order

\$ 59,334,363.21

**CHANGE TO CONTRACT TIME**

Contract Time will be

No time impacts  
(Calendar Days)

Date for Completion of all Work

05/31/2025  
(Date)

**REQUIRED APPROVALS:**

To be effective, this Change Order must be approved by the Owner, or as may otherwise be required by the Supplemental General Conditions.

Kevin Goetz

Digitally signed by Kevin Goetz  
DN: CN=Kevin Goetz, OU=Users,  
OU=Long Beach, OU=Civil  
Infrastructure, OU=Districts,  
DC=PCLINC, DC=Network, DC=ads  
Date: 2023.11.14 20:49:04 -0800'

Kevin Goetz

11/14/23

Requested By (Contractor)

(Print Name)

Date



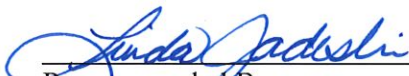
Paul Hermann

11/15/23

Recommended By  
(Resident Project Representative)

(Print Name)

Date



Linda Jadeski

11/15/23  
Date

Recommended By  
(Director of Engineering)

(Print Name)

Date

Recommended By  
(General Manager)

John Thiel

(Print Name)

Date

Accepted By (Owner)

(Print Name)

Date

ITEM 1

PCL Construction, Inc.  
3900 Kilroy Airport Way, Ste 110, Long Beach, CA 90806

# CHANGE ORDER PROPOSAL

PROJECT: Oliver P. Roemer WFF 2021 Expansion

PCO # TBD  
DATE: 11/13/23  
ESTIMATOR: KG

DESCRIPTION: New UVT Descope

## DIRECT ESTIMATE

LABOR		\$	-
EQUIPMENT		\$	-
MATERIALS		\$	(14,810)
SUBCONTRACTOR		\$	-
<b>SUBTOTAL</b>		<b>\$</b>	<b>(14,810)</b>

## DIRECT MARKUP

LABOR		\$	-
EQUIPMENT		\$	-
MATERIALS	5%	\$	-
SUBCONTRACTOR		\$	-
<b>SUBTOTAL MARKUP</b>		<b>\$</b>	<b>-</b>

<b>SUBTOTAL WITH DIRECT MARKUP</b>		<b>\$</b>	<b>(14,810)</b>
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**TOTAL ADDITIONAL WORK \$ (14,810)**

**GRAND TOTAL THIS CHANGE \$ (14,810)**

Descopce of UVVT

DATE

11/13/23

DESCRIPTION	QTY	UNIT	EQUIP		MANHOURS		LABOR EXPENSE		VENDOR SUPPLIED MATERIALS		SUBCONTRACTOR		TOTAL
			U.P.	TOTAL	MH/UNIT	TOTAL	U.P.	TOTAL	U.P.	TOTAL	U.P.	TOTAL	
Vendor													
Descopce of UVVT	1.0	LS											
TOTAL DIRECT COST													
<b>MARKUPS</b>													
EQUIPMENT			\$ -										
OTHER ITEMS													
LABOR													
MATERIALS													
SUBCONTRACTS													
SUBTOTALS WITH MARKUP			\$ -						\$ (14,810)				\$ (14,810)

Notes:





**CONSTRUCTION**

October 17, 2023

Paul Hermann  
Water Market Leader  
GHD  
320 Goddard Way, Suite 200  
Irvine, CA 92618

Linda Jadeski  
Director of Engineering  
West Valley Water District  
855 W. Base Line P.O. Box 920  
Rialto, CA 92377

Attn: Paul Hermann and Linda Jadeski

**RE: Request for Change for Descope of new UV Transmittance for Oliver P Roemer Water Filtration Facility Upgrade and Expansion Project**

Mr. Hermann and Mrs. Jadeski,

Please accept this correspondence as a Change request initiated by West Valley Water District regarding the price impacts associated with the descope of the new UVT (UV Transmittance) for the new UV reactors, which was originally part of PCL's scope of supply. The total pricing excludes installation, or any associated materials/equipment associated with the installation of the equipment.

Sincerely,

Kevin Goetz  
Project Manager  
[kgoetz@pcl.com](mailto:kgoetz@pcl.com)

**PCL CONSTRUCTION INC.**  
3900 Kilroy Airport Way, Suite 110  
Long Beach, CA 90806  
Telephone: (858) 657-3400 ♦ Website: [www.pcl.com](http://www.pcl.com)

**Kevin Goetz**

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**From:** Kevin Goetz  
**Sent:** Tuesday, October 17, 2023 12:15 PM  
**To:** Kevin Goetz  
**Subject:** FW: West Valley Water District - Trojan PO

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**From:** Karahalios, Gus <gkarahalios@trojantechnologies.com>  
**Sent:** Thursday, June 1, 2023 10:12 AM  
**To:** Richard Aguilar <RAguilar@pcl.com>  
**Cc:** Kevin Goetz <KGoetz@pcl.com>  
**Subject:** RE: West Valley Water District - Trojan PO

Hi Richard,  
The price for the Optiview is \$14,810 usd.

If you can send me a negative change order I can then proceed to process internally to have it removed from the project scope.

Gus Karahalios

ITEM 2



**CONSTRUCTION**

October 4, 2023

Paul Hermann  
Water Market Leader  
GHD  
320 Goddard Way, Suite 200  
Irvine, CA 92618

Linda Jadeski  
Director of Engineering  
West Valley Water District  
855 W. Base Line P.O. Box 920  
Rialto, CA 92377

Attn: Paul Hermann and Linda Jadeski

**RE: Structural Redesign Impacts – Oliver P Roemer Water Filtration Facility Upgrade and Expansion Project – Request for Change**

Mr. Hermann and Ms. Jadeski,

Please accept the attached package as a Change Request due to the cost impacts related to the structural redesign for the Oliver P Roemer Water Filtration Upgrades and Expansion Project. The structural redesign revised the original design from using Risk Category 2 to Risk Category 3, in order to adhere to code requirements.

Below is a summary of the main impacts as a result of the redesign:

➤ **New Filter Building 2**

- 1) The reinforcement of thickened perimeter footing is increased from (6)#7 T&B to (8)#7 T&B (longitudinal). No changes on the foundation size (thickness and width).
- 2) Impacts to the building: The Risk Category update significantly increased the loads to the structure and adds additional design and fabrication consideration to the building. For instance, the weight of the building increased approximately 15%.

➤ **New Effluent Pump Station 2**

- 1) Excavation got 4" deeper
- 2) The foundation was thickened by 4"
- 3) Additional formwork(material and labor), concrete (material and labor) and concrete pumping
- 4) #7 continuous chord reinforcement around the perimeter was upsized to #8

**PCL CONSTRUCTION INC.**

3750 Schaufele Ave, Suite 270  
Long Beach, CA 90808  
Telephone: (858) 657-3400 ♦ Website: www.pcl.com



CONSTRUCTION

➤ **Retaining Wall**

- 1) The retaining wall (shored portion) wall thickness was increased from 8" to 10"
- 2) The retaining wall (non-shored portion/section C) wall thickness was increased from 8" to 10"
- 3) Foundation for section B (12" thick wall section) was enlarged from 11' wide to 12' wide
- 4) Foundation for section C (12" thick wall section) was enlarged from 5'-8" wide to 6' wide
- 5) #5 vertical reinforcement was revised from 8" O.C. to 10" O.C.

➤ **Operation Building:**

- 1) Increase in seismic loads specified in truss schedule (axial and shear)
- 2) Increase in wall vertical reinforcement for greater wall out-of-plane loads
  - a. GL 1 increased to #9@8" from #8@8"
  - b. GL B and E increased to #5@8" from #5@16
  - c. GL 3 increased to #5@8 from #5@16
- 3) Increase in roof sheathing size to 23/32" (from 19/32") thick sheathing over entire roof to handle higher loads into the diaphragm (including wall anchorage loads).
- 4) Decrease in spacing of shear wall fasteners from 3" to 2" at panel edges.
- 5) Upsized (thicker Gauge Studs) box beam over the windows at GL 1

➤ **General Impacts**

- 1) Stantec redesigning efforts
- 2) PCL's engineering time

The impacts above were determined based on the current design level. Furthermore, since equipment anchorage calculations to be supplied by vendors are still not completed, its potential impacts are unknown at this time. If additional revisions are required in the future due to different site conditions, design revisions, and/or impacts to the overall equipment anchorage system, PCL reserves the right to request an adjustment to the contract price if additional cost impacts are incurred.

Sincerely,

Kevin Goetz  
Project Manager  
[kgoetz@pcl.com](mailto:kgoetz@pcl.com)

**PCL CONSTRUCTION INC.**  
3750 Schauffele Ave, Suite 270  
Long Beach, CA 90808  
Telephone: (858) 657-3400 ♦ Website: [www.pcl.com](http://www.pcl.com)

**Kevin Goetz**

---

**From:** Paul Hermann <Paul.Hermann@ghd.com>  
**Sent:** Wednesday, July 12, 2023 2:16 PM  
**To:** Kevin Goetz  
**Cc:** Linda Jadeski; Jamal Awad; Shamia Salih  
**Subject:** Risk Category & City approvals

[External Email]

Kevin,

The District would like to clarify that all design activities are to adhere to code requirements. As such, as the Stantec team has indicated, Risk Category 3 is required by code. Accordingly, the District requires the PCL / Stantec team to be code compliant. Understanding that the previous advice was to build to Risk Category 2, please be specific in documenting any changes.

Further, the District would like to confirm that per Government Code 53000, the District is not required to seek Building Permit approvals from the City of Rialto, for this project.

Let me know if you have any questions.

Regards  
Paul

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PCL Construction, Inc.  
3750 Schauffele Ave., Suite 270, Long Beach, CA 90808

# CHANGE ORDER PROPOSAL

PROJECT: Oliver P. Roemer WFF 2021 Expansion

PCO # TBD  
DATE: 11/1/23  
ESTIMATOR: KG

DESCRIPTION:

**DIRECT ESTIMATE**

LABOR		\$	8,821
EQUIPMENT		\$	357
MATERIALS		\$	4,255
SUBCONTRACTOR		\$	152,865
<b>SUBTOTAL</b>		<b>\$</b>	<b>166,298</b>

**DIRECT MARKUP**

LABOR	25%	\$	2,205
EQUIPMENT	20%	\$	71
MATERIALS	15%	\$	638
SUBCONTRACTOR	5%	\$	7,643
<b>SUBTOTAL MARKUP</b>		<b>\$</b>	<b>10,558</b>

<b>SUBTOTAL WITH DIRECT MARKUP</b>		<b>\$</b>	<b>176,856</b>
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**TOTAL ADDITIONAL WORK \$ 176,856**

**GRAND TOTAL THIS CHANGE \$ 176,856**

DATE 11/01/23

Structural Redesign from Risk Category II to Risk Category III

DESCRIPTION	QTY	UNIT	EQUIP		MANHOURS		LABOR EXPENSE		VENDOR SUPPLIED MATERIALS		SUBCONTRACTOR		TOTAL
			U.P.	TOTAL	MH/UNIT	TOTAL	U.P.	TOTAL	U.P.	TOTAL	U.P.	TOTAL	
<b>LABOR</b>													
Foreman - Excavate extra volume = 20 CY @ 0.024MNHRS/CY	20.0	CY			0.02		\$ 83.28	\$ 40					\$ 40
Laborer Group 4 - Excavate extra volume = 20 CY	20.0	CY			0.02		\$ 80.84	\$ 39					\$ 39
Equipment Op Group 8 - Excavate extra volume = 20 CY	20.0	CY			0.02		\$ 102.22	\$ 49					\$ 49
Carpenter - F/S additional formwork = 40SF @ 0.5 MNHRS/SF	40.0	SF			0.50		\$ 85.44	\$ 1,709					\$ 1,709
Foreman - Place additional concrete 16CY @ 0.667	16	CY			0.67		\$ 83.28	\$ 500					\$ 500
Laborer Group 4 - Place additional concrete 16CY @ 0.667	16	CY			0.67		\$ 80.84	\$ 485					\$ 485
Engineering Time 8HOURS PER WEEK (TOTAL OF 5 WEEKS)	40	HRS					\$ 150.00	\$ 6,000					\$ 6,000
<b>EQUIPMENT</b>													
Backhoe CAT 416C w/ Backhoe 20 CY @ 0.024 MNHRS/CY = 0.5 HRS	1	HRS	\$ 60.33	\$ 60									\$ 60
Foreman's Truck - Ford F-150	7	HRS	\$ 42.39	\$ 297									\$ 297
<b>Vendor</b>													
3/4" Plywood \$2.48/SF	40.0	SF					\$ 2.48	\$ 99					\$ 99
2x4s - \$1.72/SF	40.0	SF					\$ 1.72	\$ 69					\$ 69
Concrete 4500 PSI - additional 16CY	1.0	LS					\$ 3,532	\$ 3,532					\$ 3,532
Increase in roof sheathing (Operations Building)	1.0	LS					\$ 555	\$ 555					\$ 555
<b>Subcontractor</b>													
Additional Rebar - Quality Rebar (Operations Building, EPS2 and FB2)	1.0	LS									\$ 15,753	\$ 15,753	\$ 15,753
Additional Shotcrete - Condon & Johnson (Retaining Wall)	1.0	LS									\$ 5,000	\$ 5,000	\$ 5,000
Additional Concrete Pumped - JLS Concrete Pumping (EPS2)	1.0	LS									\$ 580.14	\$ 580	\$ 580
Impacts on Pre-engineered Building - All American (FB2)	1.0	LS									\$ 71,197	\$ 71,197	\$ 71,197
Structural Redesign - Stantec (All)	1.0	LS									\$ 57,135	\$ 57,135	\$ 57,135
Additional anchors and steel for the beam anchoring. (Operations Building	1.0	LS									\$ 2,500	\$ 2,500	\$ 2,500
Upsized (thicker Gauge Studs) box beam over the windows at GL 1	1.0	LS									\$ 700	\$ 700	\$ 700
<b>TOTAL DIRECT COST</b>								\$ 8,821		\$ 4,255		\$ 152,865	\$ 166,298
<b>MARKUPS</b>													
EQUIPMENT	20%												
OTHER ITEMS	5%												
LABOR	25%							\$ 2,205		\$ 638			
MATERIALS	15%												
SUBCONTRACTS	5%											\$ 7,643	
<b>SUBTOTALS WITH MARKUP</b>								\$ 11,027		\$ 4,893		\$ 160,508	\$ 176,856
Notes:													



# IMPACTS TO FILTER BUILDING #2 SLAB

DATE	REVISION

PROJECT NO.: 184403.1487  
 SCALE: 1/4" = 1'-0"  
 SHEET NO.: S-204 OF 204  
 DATE: 07/11/2018  
 TIME: 10:02 AM  
 STATUS: PRTIALIZED

Client/Project: **Water Valley**  
 Reemer WFF Expansion  
 Rialto, California



**PRELIMINARY NOT FOR CONSTRUCTION**  
 Not for permit, purchase order or other official purposes. This document has not been reviewed for code compliance. Comments or general information or comment only.

Permit/Seal

Issued	By	App'd	Rev.

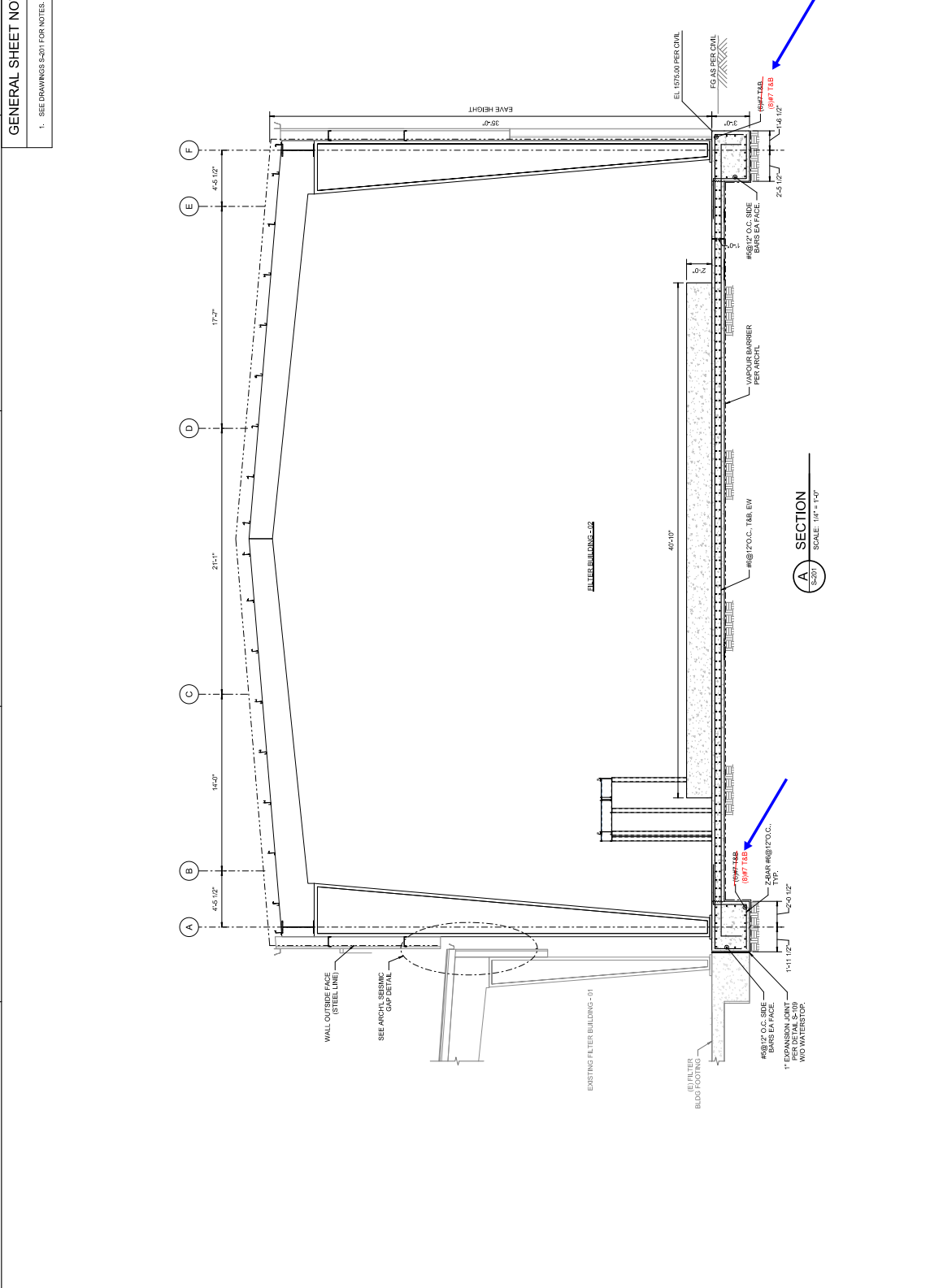
Revision	By	App'd	Rev.

Issue	By	App'd	Rev.

Stantec  
 3000 C Street, Suite 1000  
 Sacramento, California 95816  
 Tel: +1 (916) 604-6243  
 www.stantec.com

**GENERAL SHEET NOTES**  
 1. SEE DRAWINGS S-201 FOR NOTES.

5 4 3 2 1



# IMPACTS TO RETAINING WALL

Revision	By	App'd	DATE

Issued	By	App'd	DATE

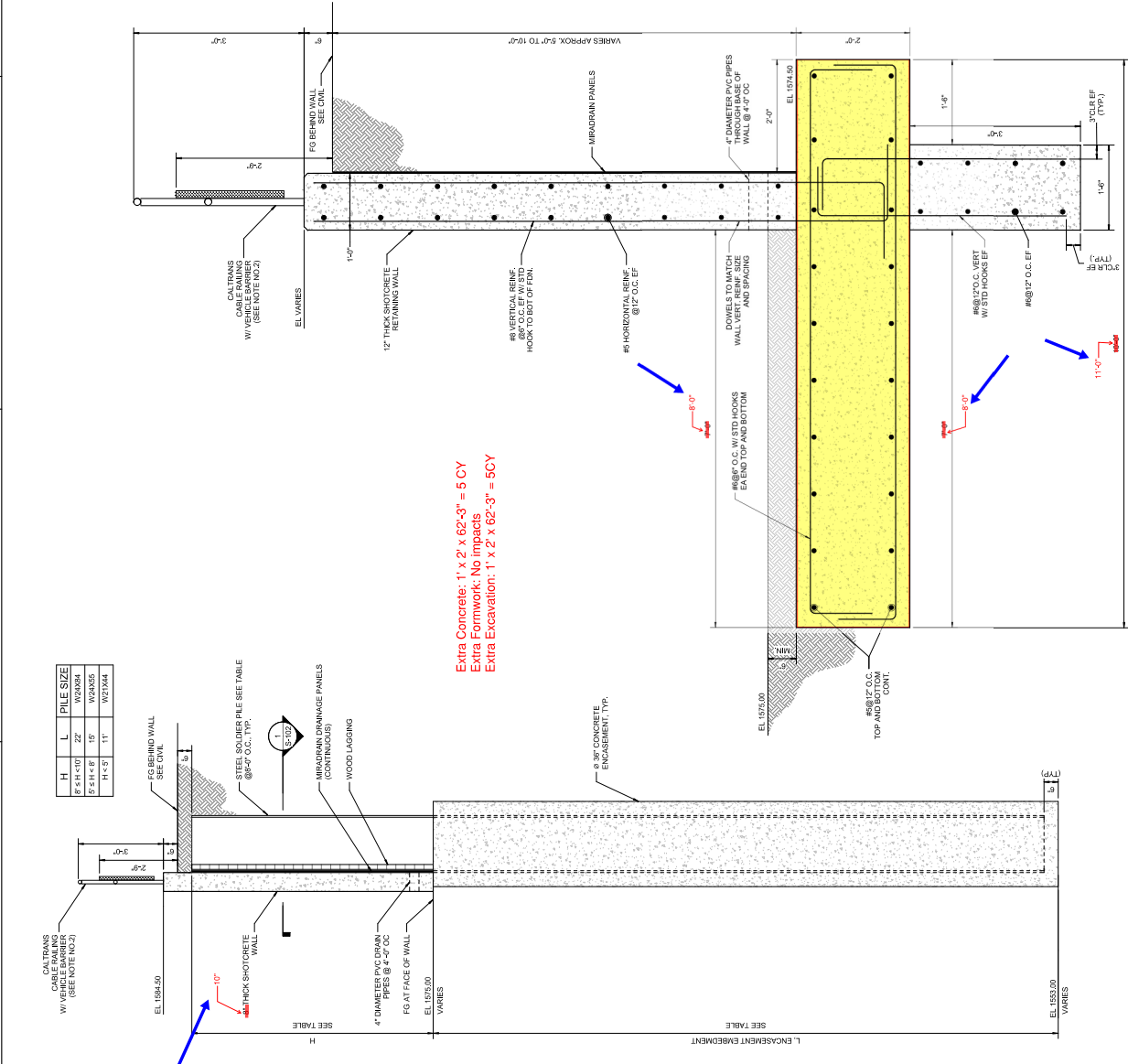
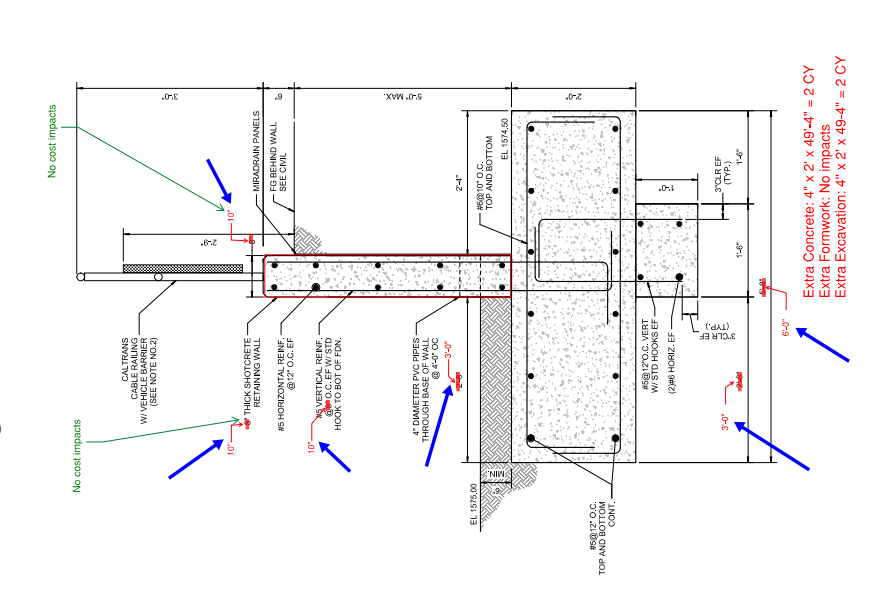
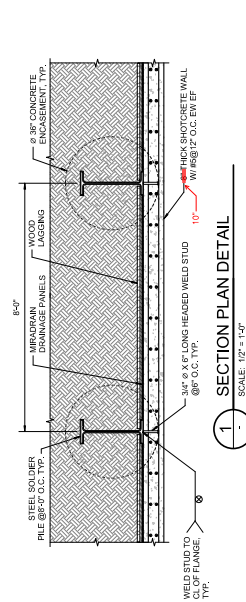


Client/Project: Remer WFF Expansion  
 Project: Remer WFF Expansion  
 Project No.: 184031487  
 Scale: As Indicated  
 Date: 02/14/20  
 Title: RETAINING WALL SECTIONS

Revision: 95 of 93  
 Drawing No.: S-101  
 Sheet: 95 of 93

**GENERAL SHEET NOTE**

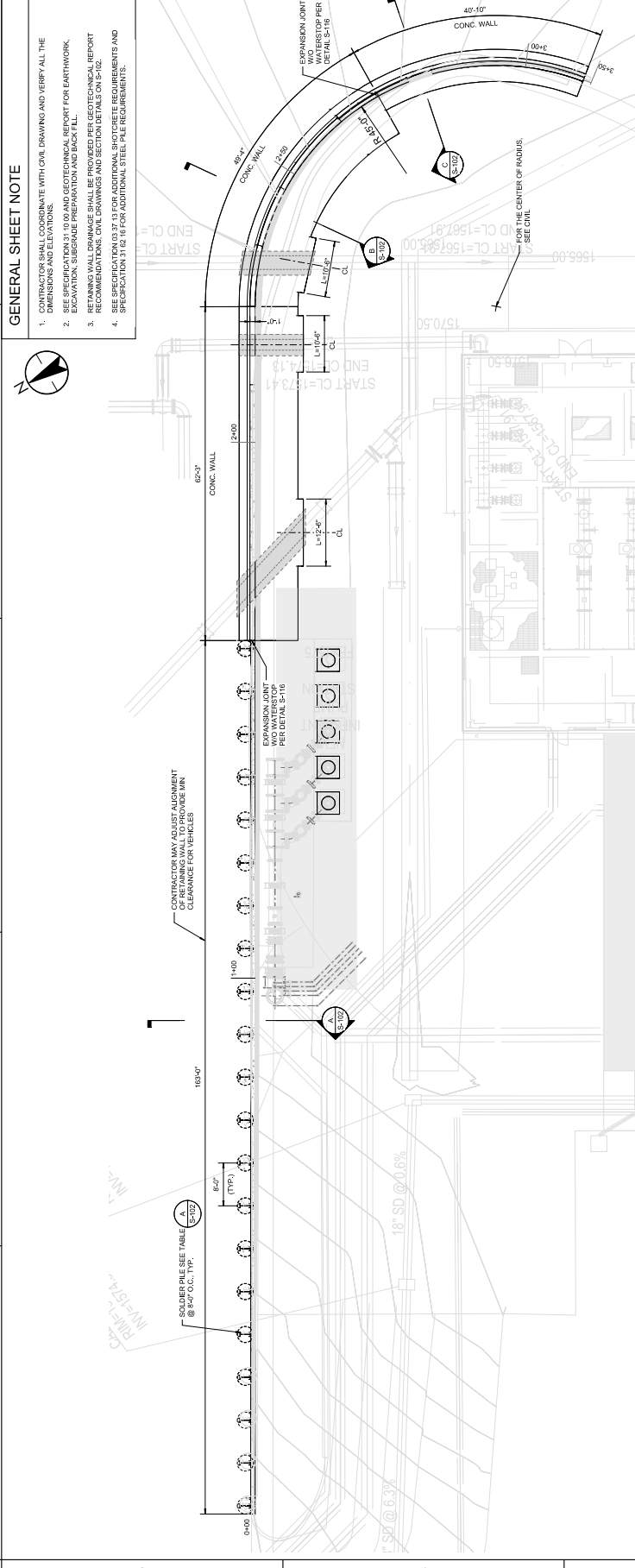
- FOR GENERAL NOTES, REFER TO SHEET S-101.
- SUBCONTRACTOR TO PROVIDE RAILINGS & BARRIERS PER CALTRANS CONTRACT MANUAL CHAPTER 8 SECTION 813.



H	L	PILE SIZE
8' x 11' x 10"	22'	W24X94
5' x 11' x 8"	15'	W24X55
11' x 5'	11'	W21X44

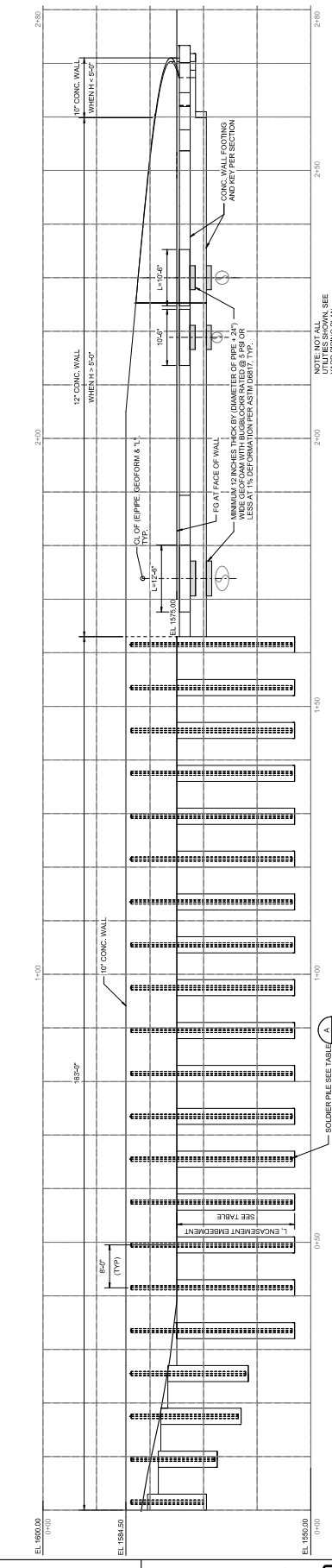
**GENERAL SHEET NOTE**

1. CONTRACTOR SHALL COORDINATE WITH CIVIL DRAWING AND VERIFY ALL THE DIMENSIONS AND ELEVATIONS.
2. SEE SPECIFICATIONS 31.10.06 AND GEOTECHNICAL REPORT FOR EARTHWORK, EXCAVATION, SUBGRADE PREPARATION AND BACK FILL.
3. RETAINING WALL DRAINAGE SHALL BE PROVIDED PER GEOTECHNICAL REPORT RECOMMENDATIONS. CIVIL DRAWINGS AND SECTION DETAILS ON S-102.
4. SEE SPECIFICATION 03.37.03 FOR ADDITIONAL SHOTCRETE REQUIREMENTS AND SPECIFICATION 31.02.10 FOR ADDITIONAL STEEL PIPE REQUIREMENTS.



**WALL PLAN**  
SCALE: 1" = 10'-0"

NOTE: GUARDRAIL NOT SHOWN FOR CLARITY



**WALL PROFILE**  
SCALE: 1" = 10'-0"

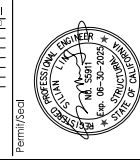
NOTE: GUARDRAIL NOT SHOWN FOR CLARITY

DATE: 03/15/2023

**S-101**  
Drawing No. Sheet: 94 OF 293  
Revision: Sheet: 94 OF 293

**RETAINING WALL PLAN AND PROFILE**

Client/Project: Remer W/F Expansion  
Water District  
Project No.: 84031487  
Scale: 1" = 10'-0"



Permitted

Issue	By	App'd	Date
1. ISSUE FOR CONSTRUCTION	HB	JMM	03/15/23
2. REVISE	BY	APP'D	DATE

Revision	By	App'd	Date
1. ISSUE FOR CONSTRUCTION	HB	JMM	03/15/23
2. REVISE	BY	APP'D	DATE

Stattec  
3000 C Street, Suite 1000  
Sacramento, California 95816  
Tel: (916) 424-4243  
www.stattec.com

# IMPACTS TO EFFLUENT PUMP STATION

6.9.a

**S-402**

Stantec  
3000 Central Expressway, Suite 2000  
Sacramento, California 95816  
Tel: +1 (916) 654-6424  
Fax: +1 (916) 654-6425  
www.stantec.com

Revision

No.	By	App'd	Y/M/D	Description

Permit/Seal

Professional Engineer  
No. 53807  
State of California

Client/Project: Reamer WFF Expansion  
Water Utility District

Project No.: 184031487  
Scale: AS BIDDING  
Date: 02/18/19  
Drawn: [Name]  
Title: [Name]

Revision: Sheet: 110 of 293

**GENERAL SHEET NOTES**

- FOR GENERAL NOTES, REFER TO SHEET S-401.
- SEE SPECIFICATION 31.03 AND GEOTECHNICAL REPORT FOR EARTHWORK. STRUCTURE EXCAVATION, SUB-BASE AND BACKFILL WITH 85% COMPACTION.

**(B) SECTION**  
SCALE: 3/8" = 1'-0"

**(A) SECTION**  
SCALE: 3/8" = 1'-0"

**(C) SECTION PLAN**  
SCALE: 3/8" = 1'-0"

NOTE:  
1. SEE SECTION A FOR INFORMATION NOT SHOWN.

**4\"/>**

**2-4\"/>**

04/16/2019 (10:03)

Packet Pg. 79

Issue	By	App'd	Rev	Issued
1	MM	MM	MM	MM/YY
2	MM	MM	MM	MM/YY
3	MM	MM	MM	MM/YY
4	MM	MM	MM	MM/YY
5	MM	MM	MM	MM/YY
6	MM	MM	MM	MM/YY
7	MM	MM	MM	MM/YY
8	MM	MM	MM	MM/YY
9	MM	MM	MM	MM/YY
10	MM	MM	MM	MM/YY

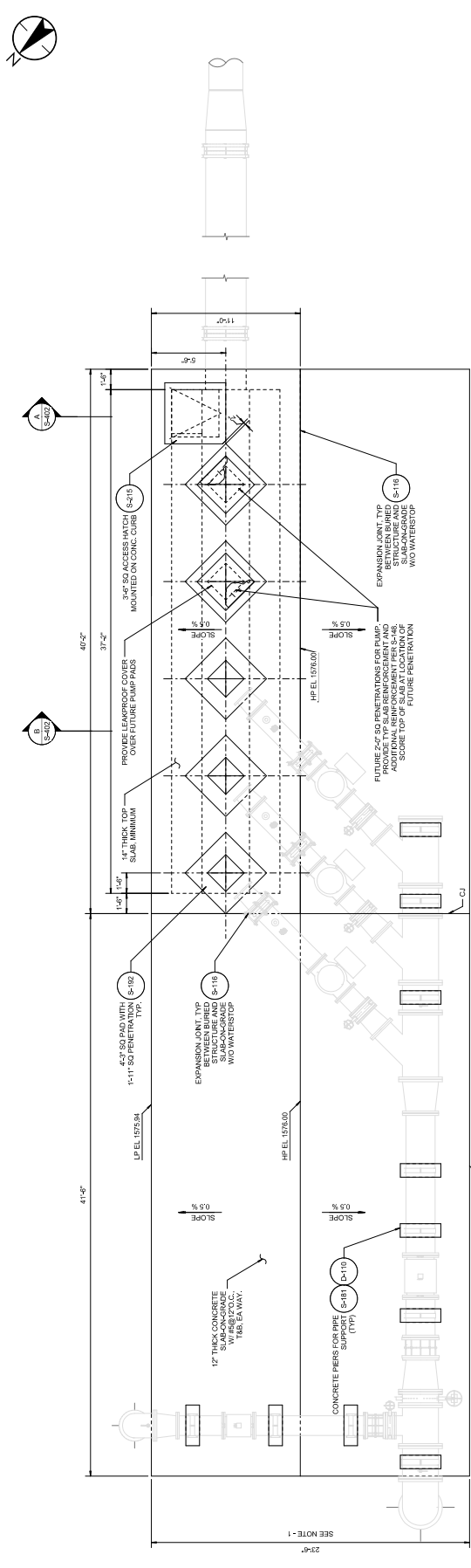
Issue	By	App'd	Rev	Issued
1	MM	MM	MM	MM/YY
2	MM	MM	MM	MM/YY
3	MM	MM	MM	MM/YY
4	MM	MM	MM	MM/YY
5	MM	MM	MM	MM/YY
6	MM	MM	MM	MM/YY
7	MM	MM	MM	MM/YY
8	MM	MM	MM	MM/YY
9	MM	MM	MM	MM/YY
10	MM	MM	MM	MM/YY



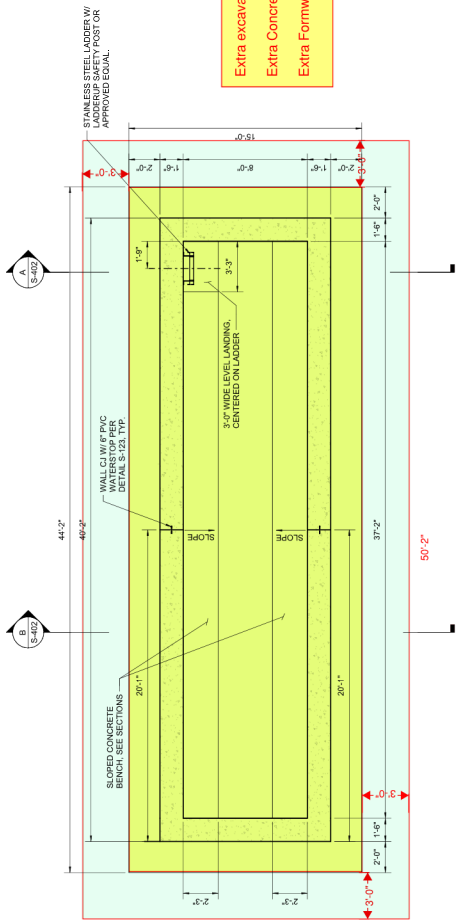
Client/Project: Remer WYF Expansion  
 Project: Remer WYF Expansion  
 Project No.: 18403187  
 Date: 03/15/2018  
 Scale: 1/4" = 1'-0"  
 Title: EFFLUENT PUMP STATION TOP AND BOTTOM PLANS  
 Revision: Sheet: 109 of 293  
 Drawing No.: S-401

EFFLUENT PUMP STATION TOP AND BOTTOM PLANS  
 Revision: Sheet: 109 of 293  
 Drawing No.: S-401

- GENERAL SHEET NOTES**
- COORDINATE SUB-GRADE DIMENSIONS WITH FIELD-VERIFIED PIPE AND PRE-SUPPORT LOCATIONS AND FINALIZED ANCHORAGE DESIGN.
  - CONTRACTOR TO CONFIRM AND COORDINATE SIZE AND LOCATION OF EQUIPMENT AND PIPING WITH CIVIL AND MECHANICAL DRAWINGS.
  - REFER TO SPECIFICATION SECTION 31.00 AND GEOTECHNICAL INVESTIGATION REPORT FOR SUBGRADE REQUIREMENTS.
  - SUBGRADE SHALL BE DESIGNED BY EQUIPMENT MANUFACTURER PER SPECIFICATION SECTION 01.33.11.



**TOP - PLAN**  
 SCALE: 1/4" = 1'-0"



**BOTTOM - PLAN**  
 SCALE: 1/4" = 1'-0"

Extra excavation: 50.17 x 21 x 4' = 351.13 CF = 13CY  
 Extra Concrete: 44.16' x 15' x 4" = 9 CY  
 Extra Formwork: (4'x15') x 2 + (4' x 44'-2") x 2 = 10+30 = 40SF



# PRODUCTION RATES USED FOR ESTIMATING LABOR COSTS

EPS - Excavation		1.01 Sitework / Excavation										1.00								
EPS	CY																			
Grade Foreman	CY	0.024																		
2. Earthwork - Labor	CY	0.024																		
Ex Cat 336 (36mt)	CY	0.024																		
Ldr 966G RT w/GP-4.5cy -O	CY	0.024																		

1. Influent Pump Station	SF																			
1. Influent Pump Station	SF	0.500																		
Lower SOG (1 Pour)	SF																			

Edge Materials	SF																			
Form Ply 3/4"	SF	2.48																		
Dimen. Lumber (2x4-2x10)	BF	1.72																		

1. Influent Pump Station	CY																			
1. Influent Pump Station	CY	0.667																		
Lower SOG (1 Pour)	CY																			

# VENDOR/SUBCONTRACTORS QUOTES

# QUALITY REBAR, INC.

EPS AND RETAINING WALL

P.O. Box 501877  
San Diego, CA  
92150-1877  
\*WOSB-WOMAN OWNED  
SMALL BUSINESS ENTERPRISE

## Change Order Request

23092A — Oliver Roemer  
Water Filtration Fac. Ph.1-PCL

COR Subject: Structural changes - new drawings dated 6-26-23 - Cost for retaining wall footing length revised , added expansion joints, wall & footing reinforcing revised

To Edy Ortega  
PCL Construction Services, Inc.

COR Number: 23092A-04  
COR Revision Number: 0

COR Date: 9/20/2023  
Price / Do Not  
Work Type: Proceed

Return To Julia Vaughn  
Quality Rebar, Inc.  
rfis@qualityrebarinc.com

Days Valid: 30

### RE

Structural changes - new drawings dated 6-26-23 - Cost for retaining wall footing length revised , added expansion joints, wall & footing reinforcing revised

### Details

Description	Cost / Rate	Qty / Hrs	Workers	Ext
Detailing	\$60.00	4.00 <i>Hrs</i>	1.00	\$240.00
Man Hours	\$96.00	32.00 <i>Hrs</i>	1.00	\$3072.00
Material	\$0.80	4,212.00 <i>POUNDS</i>	-	\$3369.60

### Breakout

Labor : \$3,312.00  
Overhead and Profit @ 15%: \$496.80  
Material : \$3,369.60  
Sales Tax @ 7.75%: \$261.14  
Overhead and Profit @ 15%: \$544.61  
**Total: \$7,984.00**

### Reservation of Rights

This COR does not include any amount for impacts such as interference, disruptions, rescheduling, changes in the sequence of work, delays and/or associated acceleration. We expressly reserve the right to submit our request for any of these items.

**-\$560 (not resulting from Redesign)  
\$7,424**

Direction to proceed with work noted above will be interpreted as an acknowledgment and approval of said cost.

If work was already completed then cost is net 30 days and will be billed as such.

---

**Signed By:**   
**Tim Pitner**  
**Operations Manager**

**Dated:** 9/20/2023

**Kevin Goetz**

---

**From:** RFIS <rfis@qualityrebarinc.com>  
**Sent:** Tuesday, October 3, 2023 10:40 AM  
**To:** Edy Ortega; Tim Pitner  
**Cc:** Kevin Goetz; Aaron Harwood  
**Subject:** Re: Roemer- Retaining wall footing extension/Ductbank Re-route

Edy,

The 1-0 pop out extensions at retaining wall footing make up roughly \$560 of our CO #04. They add 273#'s a couple of Man Hours and 1 hour detailing.

Thanks,

Julia Vaughn  
Quality Rebar, Inc.  
858-679-3934 ext. 112

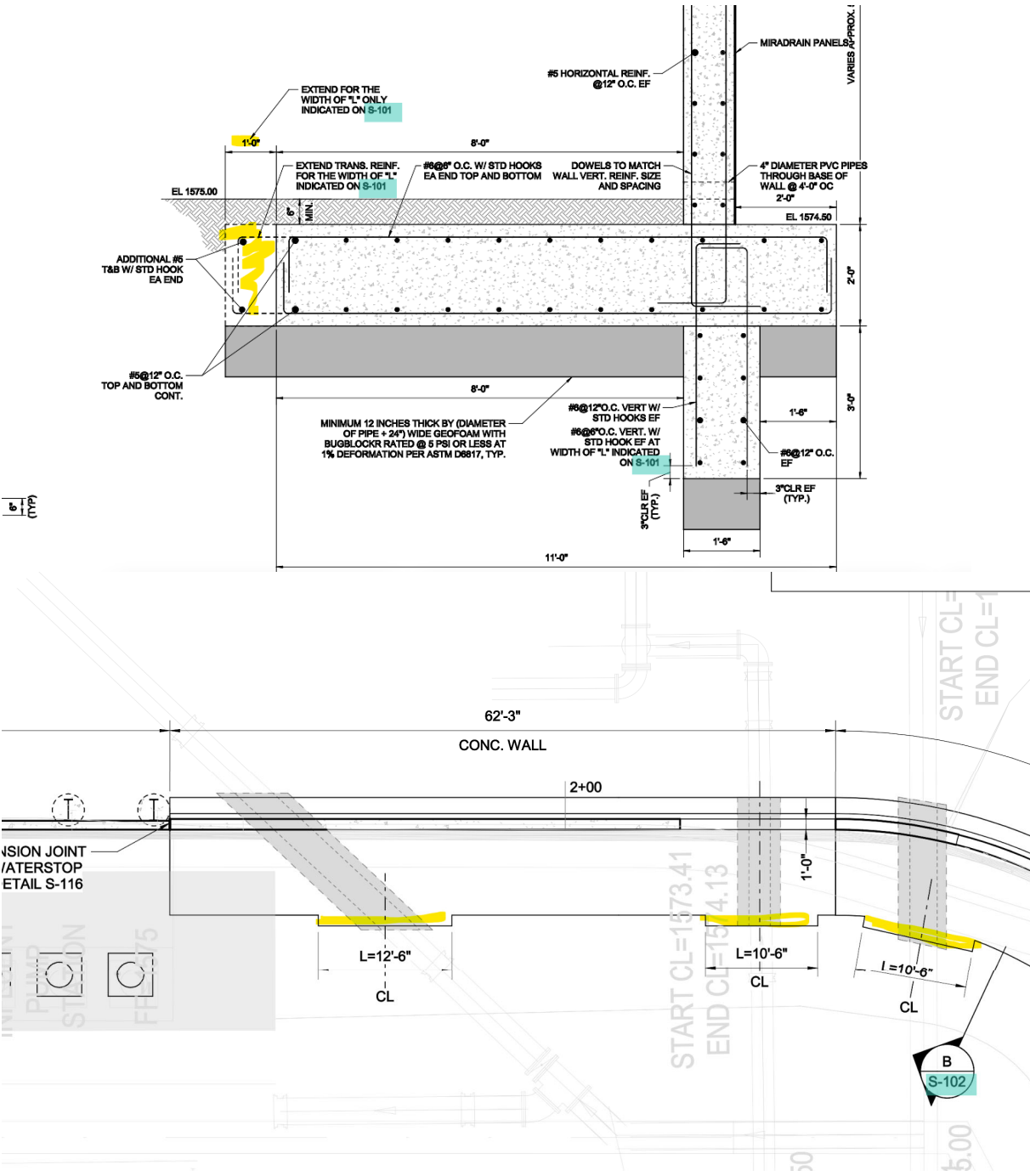
---

**From:** Edy Ortega <EdyOrtega@pcl.com>  
**Sent:** Monday, October 2, 2023 3:49:37 PM  
**To:** RFIS; Tim Pitner  
**Cc:** Kevin Goetz; Aaron Harwood  
**Subject:** RE: Roemer- Retaining wall footing extension/Ductbank Re-route

[CAUTION] This message originated outside of the organization, Do not click links or open attachments if you do not recognize the sender and know the content is safe

Julia,

Understood the pricing was included in the \$7k change order you sent over. With that being said we are trying to understand how much was the pricing (\$) for the 1' extension of the footing x the "L". Please see snips below for area. Just provide us pricing for the 1' extension by its corresponding "L" we have marked out below.



Thanks,

**Edy Ortega**  
Project Engineer

**PCL Construction Inc.**  
3900 Kilroy Airport Way, Ste 110  
Long Beach, CA 90806  
M: (562) 681-2821  
[edyortega@pcl.com](mailto:edyortega@pcl.com)

[www.pcl.com](http://www.pcl.com)  
**TOGETHER WE BUILD SUCCESS**

# QUALITY REBAR, INC.

P.O. Box 501877  
San Diego, CA  
92150-1877

OPERATIONS BUILDING

**\*WOSB-WOMAN OWNED  
SMALL BUSINESS ENTERPRISE**

## Change Order Request

**23092A — Oliver Roemer  
Water Filtration Fac.  
Ph.1-PCL**

**COR Subject: 60% design - multiple masonry vertical reinforcements for the operations building - GL 1 increased #9 @ 8" from #8 @ 8", GL B & E increased from #5 @ 8" from #5 @ 16", GL 3 increased #5 @ 8" from #5 @ 16".**

**To** Edy Ortega  
PCL Construction Services, Inc.

**COR Number: 23092A-03  
COR Revision Number: 0**

COR Date: 9/15/2023

**Return To** Julia Vaughn  
Quality Rebar, Inc.  
rfis@qualityrebarinc.com

Work Type: Price / Do Not  
Proceed

Days Valid: **30**

### RE

60% design - multiple masonry vertical reinforcements for the operations building - GL 1 increased #9 @ 8" from #8 @ 8", GL B & E increased from #5 @ 8" from #5 @ 16", GL 3 increased #5 @ 8" from #5 @ 16".

### Details

Description	Cost / Rate	Qty / Hrs	Workers	Ext
Detailing	\$60.00	1.00 <i>Hrs</i>	1.00	\$60.00
Man Hours	\$96.00	32.00 <i>Hrs</i>	1.00	\$3072.00
Material	\$0.80	4,769.00 <i>POUNDS</i>	-	\$3815.20

### Breakout

Labor : \$3,132.00  
Overhead and Profit @ 15%: \$469.80  
Material : \$3,815.20  
Sales Tax @ 7.75%: \$295.68  
Overhead and Profit @ 15%: \$616.63  
**Total: \$8,329.00**

### Reservation of Rights



This COR does not include any amount for impacts such as interference, disruptions, rescheduling, changes in the sequence of work, delays and/or associated acceleration. We expressly reserve the right to submit our request for any of these items.

Direction to proceed with work noted above will be interpreted as an acknowledgment and approval of said cost.

If work was already completed then cost is net 30 days and will be billed as such.

---

**Signed By:**



**Tim Pitner**  
**Operations Manager**

**Dated:** 9/15/2023

July 31, 2023  
(Via E-mail Only)

CJA-23043-SL-001

PCL Construction  
1711 W. Greentree Dr. Suite 201  
Tempe, AZ 94621

Attn: Kevin Goetz  
[KGoetz@pcl.com](mailto:KGoetz@pcl.com)

RE: Oliver P. Roemer Water Filtration Facility Expansion  
RCO#001 Wall Thickness Increase.

Kevin,

Please refer to the email from Wednesday 7/26 that structural changes have been made to the plans.

This change order covers the added costs for shotcrete and crew duration increase.

Please issue a change order for the amount of \$5,000.

If you have any questions, please do not hesitate to call.

Sincerely,  
Condon-Johnson & Assoc., Inc.

Briton Williams  
Project Engineer

480 Roland Way, Suite 200  
Oakland, CA 94621  
Tel: (510) 636-2100  
Fax: (510) 568-9316

1100 Wilshire Boulevard, Suite 400  
Los Angeles, CA 90017  
Tel: (909) 390-0268  
Fax: (909) 605-7629

9012 South 208th Street  
Kent, WA 98031  
Tel: (425) 988-2150  
Fax: (425) 988-2151

3434 Grove Street  
Lemon Grove, CA 91945  
Tel: (858) 530-9165  
Fax: (858) 530-9171

1239 NE 92nd Avenue  
Portland, OR 97220  
Tel: (503) 455-8550  
Fax: (503) 647-1968

## Re: WVWD ROEMER- Concrete Retaining Wall



**Steve Jimenez** <steve@boulderscape.com>

To **Edy** Ortega

Cc **Kevin Goetz**; **Kevin Harlow**



Fri 7/21/2023 8:35 AM

General

[External Email]

**Edy**,

The small end wall switching to a 10" thickness from an 8" thickness will not affect our pricing.

Thanks,

**Steve**



**Steve Jimenez**

*Senior V.P. Commercial Sales*

Boulderscape, Inc.

1050 Calle Negocio

San Clemente, CA 92673

949.661.5087 office

704.438.9963 Direct Line

949.661.3397 fax

949.370.8952 mobile

[steve@boulderscape.com](mailto:steve@boulderscape.com)

[www.boulderscape.com](http://www.boulderscape.com) [[boulderscape.com](http://boulderscape.com)]

“Installers of more than 12 million square feet of structural/architectural shotcrete nationwide”

ALL AMERICAN IRON WORKS

**CHANGE ORDER**

<b>TO:</b>	<b>pcl construction</b>		<b>CO #</b>	<b>1</b>
	1711 w green tree drive suite 201		<b>DATE</b>	7/24/2023
	tempe		<b>PROJECT NAME</b>	oliver p romer water
	az 85284		<b>PROJECT #</b>	5403269

3010 n cedar ave rialto ca 92377

**Change Order Title:**

1. update scope to match current conditions nucor building materials change from category 2 to category 3

Impacts to the building: The Risk Category update significantly increased the loads to the structure and adds additional design and fabrication consideration to the building. For instance, the weight of the building went up about 15%.

see attached

<b>Cost Summary:</b>	Material	\$	56,929.00
	Shop Labor		
	Field Labor		
	tax and oh/profit	\$	14,267.83
	<b>Total</b>	<b>\$</b>	<b>71,196.83</b>

PER THE PRIME

If you have any questions, feel free to contact me at (951) 830-2828.

Sincerely,

**ALAN SRADER**

ALL AMERICAN IRON WORKS

P.O.BOX 840 pmb 144

HELENDALE CA 92342

**Attached Files:**

cost increase from nucor



# ROBERTSON'S

ROCK • BASE MATERIALS • SAND  
READY MIX CONCRETE



6.6.a

800-834-7557

800-232-3695

March 9, 2023 - REVISED

P C L CONSTRUCTION SVC'S INC.		Acct. #: 70700	Plant: 24	Dir # BIDDING
Attn: EDY		Mp Pg: 575D2	C/Qt. 230309	Agg./Qt.
E-mail: <a href="mailto:EDYORTEGA@PCL.COM">EDYORTEGA@PCL.COM</a>		Yards: 241	Dodge #: NDF	Prevailing Wage: YES
Re: ROEMER PRJ. - 3010 CEDAR AVE., RIALTO				

CONCRETE MIX DESIGN	DESCRIPTION	PRICE PER YARD
	<i>PER SPECS:</i>	

EPS

Retaining Wall: assuming a +\$5/CY increase after 12/31/23

9CY x \$174.43/CY = \$1,569.87  
 AB219 Fee= \$19.50 x 9Y=\$175.50  
 Environmental Fee= \$70/load x 1 = \$70  
 Tax @ 7.75%= \$140.69

7CY x \$179.43/CY = \$1,256.01  
 AB219 Fee/load = 7CY x \$19.50=\$136.50  
 Environmental Fee= \$70/load x 1 = \$70  
 Tax @ 7.75%= \$113.34

Total: \$1,956.06

Total: \$1,575.85

Grand total: \$3,531.91

PART OF THE WORK TO BE COMPLETED AFTER 12/31/23

GPC1	5000 P/PL .38 W/C W/ ADVA (Added on 8/11/23)	\$174.43
	** Shrinkage not indicated **	

Robertson's will not be responsible for delays due to NSF61 testing. There will not be NSF61 testing available for flyash. All other NSF61 testing can take 3-6 months and will only be started with a signed contract for this project. All charges for this service will be the responsibility of the Buyer. COST PER MIX MAY REACH \$20,000.00.

**\*\* Please Note:** For the mixes quoted above if the compressive age breaks, flexural age breaks, aggregate tests or any other data is not current enough & testing is required. The cost of the tests will be the responsibility of the buyer. \*\*

**PREVAILING WAGE:** For this job, a \$2,500.00 one-time fee will be billed and an additional \$19.50 per yard premium has been included to the prices above.

THE ABOVE PRICES INCLUDE ALL INCREASES AND ARE VALID UNTIL: 12/31/23.

**\*\* Cement Powder & Fly-ash are currently experiencing a shortage and may experience supply interruptions. These interruptions could make this material unavailable for use in concrete at certain times. Please contact your sales representative should you have any questions. \*\***

ROBERTSON'S DIR #: 1000039563

**\*\* CUSTOMER MUST NOTIFY ROBERTSON'S OF ANY JOB REQUIRING PREVAILING WAGES ADVERTISED ON OR AFTER JULY 1, 2016, IN ACCORDANCE WITH AB219. JOBS WITH 200 YARDS OR MORE WILL BE BILLED A \$2,500.00 ONE TIME FEE PER CONTRACT AND AN ADDITIONAL \$19.50 PER YARD PREMIUM. JOBS WITH LESS THAN 200 YARDS WILL BE BILLED AN ADDITIONAL \$28.50 PER YARD PREMIUM. \*\***

The purchaser shall ensure that Robertson's is provided copies of all reports of tests performed on concrete samples taken to determine compliance with specification requirements, please e-mail copies to [qc@rrmca.com](mailto:qc@rrmca.com). Costs for testing, inspection and/or mix designs, when required, are the responsibility of the buyer. The above prices are net; discounts are included.

**Environmental Fee:** All concrete loads will be charged a fee of \$35.00 per load regardless of amount delivered.

**Energy Surcharge:** All concrete loads will be charged a fee of \$35.00 per load regardless of amount delivered.

**Sales Tax:** Sales Tax is not included, please add appropriate sales tax to above prices.

**Standing Time:** Four minutes per yard are allowed for each individual load for waiting and unloading at the jobsite. Additional time will be charged at a rate of \$2.00 per minute.

**Short Loads:** One short load will be allowed daily per order after TWO full loads have been delivered. Please refer to our current short load table for all other short load fees.

**Saturday Rates:** Add \$8.00 per cubic yard. **Sunday Rates:** Add \$15.00 per cubic yard with an additional \$2,000.00 plant opening fee.

**Plant Opening/Truck Time Fee:** A \$2,000 Plant Opening Fee + \$450/truck will be charged to any orders to be delivered beyond the normal business hours of 5:00 a.m. to 3:00 p.m., M-F. Please call for off-hour and holiday rates.

**Night Pours:** A 13-hour notice is required for all pours scheduled between 8pm - Midnight.

**Delivery:** There is no guarantee as to time or rate of delivery and there is no liability on the part of the seller for costs accrued by buyer due to delays.

**Delivery Restrictions:** Due to the distance from the plant to jobsite, certain areas are subject to delivery restrictions. Please call for availability.

Costs for testing, inspection and/or mix designs, when required, are the responsibility of the buyer.

**Cancellations:** Must be done 24-hours before scheduled delivery. Orders not cancelled within guidelines may be subject to a \$2,000.00 fee.

**Testing Data:** If the compressive age breaks, flexural age breaks, aggregate tests or any other data is not current enough & testing is required. The cost of the tests will be the responsibility of the buyer.

**Temperature:** Prices above do not include cost associated with chilling or heating to meet project temperature specifications.

200 S. Main St., Ste. 200 • Corona, CA 92882

P.O. Box 3600 • Corona, CA 92878-3600

(800) 834-7557 • Fax (951) 493-6462

Packet Pg. 93



Customer: PCL Construction  
Address: 3750 Schaufele Ave. Long Beach Ca.  
Contact: Edy Ortega  
Contact Phone: 951-515-1230  
Email: edyortega@pcl.com

Date: 2/17/2023  
Project Name: WVWD Roemer Project  
Jobsite Address: 3010 N. Cedar Ave. Rialto Ca.  
Quotation Expires: 7/1/2023

**\*THESE ARE THE INDIVIDUAL MACHINE RATES. LABOR RATES ARE LISTED BELOW & MUST BE ADDED TO QUOTED AMOUNTS\***

16CYx \$2.35/CY= \$37.60  
2HRs x \$90/HR = \$180  
2HRs x \$164.85 (5% increase start July 1st) = \$329.70  
Environmental Fee: 6% = 547.30 x 1.06 = \$580.14

40 Meter-125' Boom Pump: \$ 90.00 per hour with a (5) hour minimum, plus ..... \$2.35 per cubic yard.

**\*\*\*TELEBELTS\*\*\***

TB-110 (110') Telebelt: \$150.00 per hour with a (5) hour minimum, plus .. \$3.00 per cubic yard/ton.

LABOR	STRAIGHT TIME	OVERTIME	DOUBLE TIME
Operators	\$157.00	\$221.00	\$261.00
Oilers	\$152.00	\$208.00	\$249.00

**Conditions:**

- ❖ The labor rates are in accordance with SCCA Local 12 Union Labor Agreement and will be billed accordingly, with a four (4) or eight (8) hour minimum on labor charges.
- ❖ Labor and equipment rates are charged for set-up and washout.
- ❖ Set-up time One (1) hour on all equipment. Washout time for all pumps is One (1) hour, minimum. Telebelt washout time is One and One Half (1-1/2) hours, minimum.
- ❖ Washout time starts when ALL perishable material is out of the boom or off the belts.
- ❖ All Labor, including travel time "portal to portal", will be billed at applicable labor rates. Overtime rates are charged between 4:00 PM and 3:00 AM & Saturday. Sundays, Holidays and after 12 consecutive hours on jobsite, are double time labor rates per SCCA Local 12 union agreements. Should an overriding IUOE Local 12 labor agreement apply to a project, labor will be billed according to the agreement in force for compliance.
- ❖ Oilers are required on 46 Meter boom pumps and larger, when the operator cannot see the pour from the pump or when safety is an issue.
- ❖ Two men are required on hard rock pours with over 200 feet of system.
- ❖ There will be a charge of \$1.00 per foot for system over 50 feet on boom pumps and over 200 feet on trailer pumps.
- ❖ The 4-yard hopper delivery & pickup, any system delivery and/or set-up and any pipe welding needed will be billed at applicable labor rates.
- ❖ Pours requiring a caisson jib section will be billed an additional \$75.00 daily rental fee plus a total of four hours' labor to install and remove the jib section.

- ❖ Contractor is required to provide a safe area for pump to set up.
- ❖ Contractor is required to provide a washout area that is environmentally acceptable to any and all appropriate government agencies.
- ❖ A \$375.00 fee will be added to all invoices on jobs requiring an off-site washout.
- ❖ Special city permits or clearances required for pumps and/or labor, not supplied by contractor, will be obtained by JLS at applicable fees or labor rates.
- ❖ Customers are advised that all afternoon pours are subject to delay from morning pours.
- ❖ Labor rates good until June 30<sup>th</sup>, 2023 & not to exceed 5% on July 1<sup>st</sup>, annually.
- ❖ A \$30.00 permit/compliance fee will be added to each invoice.
- ❖ A 6% fuel/environmental/CARB fee will be added to each invoice. There will be a 1% increase added for every \$.50 in excess of \$5.00 per Gal. baseline. Please refer to <https://www.ttnews.com/2022-doe-regional-diesel-fuel-prices>.
- ❖ Payment terms are Net 30.
- ❖ A 3% fee will be added to all credit card transactions.
- ❖ Cancellation Charges: 4-Hour Minimum on equipment and labor unless cancellation is received three (3) hours before scheduled arrival/on job time.
- ❖ JLS does not accept back charges. Concrete pumps are subject to occasional mechanical failures. If assured performance is required, stand-by pumps are offered at above quoted rates.
- ❖ Contractor is required to notify JLS of OCIP, CCIP, certified payroll and payment system requirements prior to arrival on site. JLS will not accept fees, fines or deducts for work performed prior to notice of requirements. Should lack of notice necessitate accelerated reporting, additional administrative fees will apply.

Please reply with your acceptance. If our services are scheduled through dispatch, we will treat this as your acceptance.

JLS Concrete Pumping

Accepted By:  
Company name:

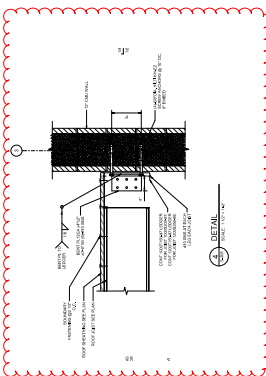
Wayne Caylor  
JLS Sales/Service Rep.

Customer's name  
Title

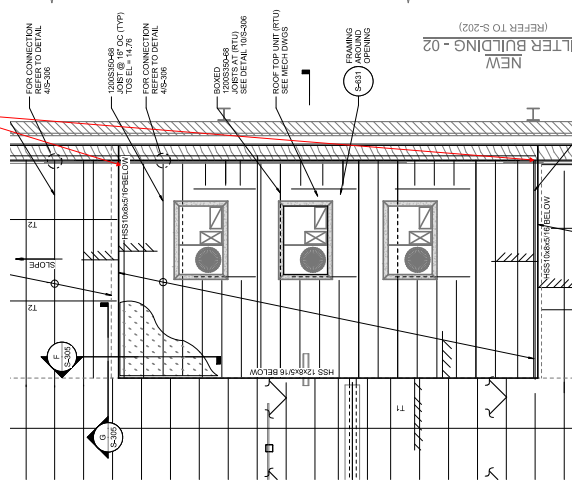
Additional  
anchors and  
steel for the  
beam  
anchoring.



60% Drawings

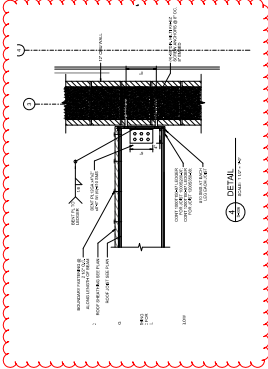


It was assumed the connection for the HSS 10x8.5x16 beam would be similar to this detail.

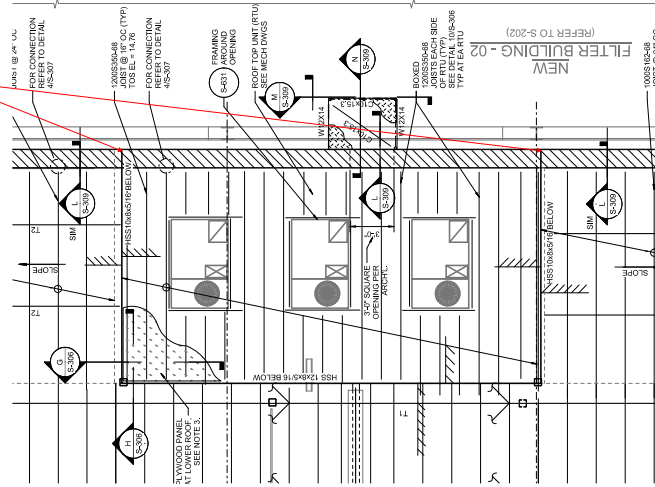


Early sets of drawings didn't have a connection detail for this beam, and during the time our sub bid the supply and install, it was assumed that the connection would be similar to the framing joist connection above.

90% Drawings

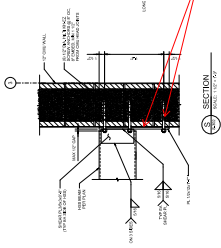


It was assumed the connection for the HSS 10x8.5x16 beam would be similar to this detail.

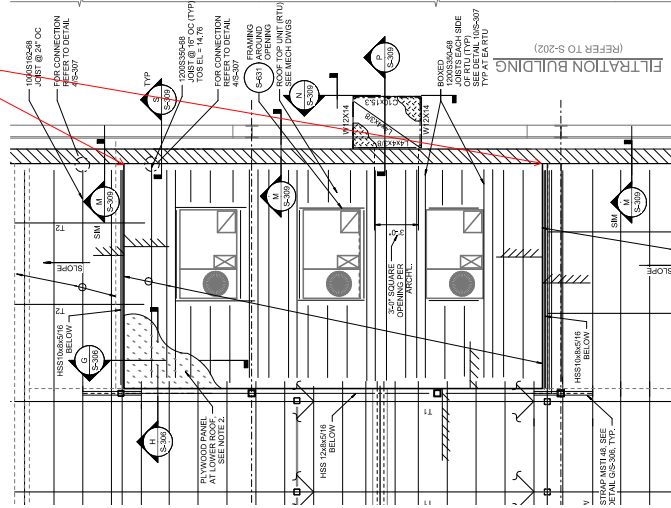


The 90% drawings still didn't have a connection detail for this beam, and we still assumed the connection would be similar to the framing joist connection above.

100% Drawings



New Detail not in previous drawings prior to risk category for the base plate and steel for the base plate and more anchors than what was assumed for this location.



The 100% drawings provided a connection detail for this beam, and there was an increase in the anchors needed for the mounting plate and in the overall size of the plate to accommodate the anchors based on the changes in risk level. This was confirmed with Simon at Stantec.



INCREASE IN ROOF SHEATHING AT THE  
OPERATIONS BUILDING



**SQUIRES LUMBER COMPANY, INC.**  
**333 EAST F ST**  
**PO BOX 431**  
**COLTON, CA 92324**  
**PHONE: (909) 825-1882**

CUST NO: 62379	JOB NO: 000	PURCHASE ORDER: QUOTE	REFERENCE: GRANT	TERMS: NET 30 ADI	CLERK: TAMARA	DATE / TIME: 9/13/23 11:59
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**SOLD TO:**  
PCL CONSTRUCTION - ARIZONA  
1711 W. GREENTREE DR.  
SUITE 201  
TEMPE AZ 85284

**SHIP TO:**

TERMINAL: 431  
EXP. DATE: 9/18/23  
SALESPERSON: CP CHRIS PAXSON  
TAX: AZ ARIZONA-NON TAX

## ESTIMATE: 644031/1

\*ALL SPECIAL ORDERS ARE FINAL & NON-REFUNDABLE\*

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/ PER	EXTENSION	TAX
1		100	PC	5848ACX	5/8 4X8 AC EXT. PLYWOOD	100	44.50 /PC	4,450.00	N
2		1	EA	NCF	Thanks for the Business!	1	/EA	N/C	N
					Total Plywood/Wallboard: 3200.00/SF				
					Energy Surcharge			150.00	
					L01			105.00	
					Taxes at 7.75%			364.64	
					Total			5069.64	

REPRINT

TAX CODE	TAX AMOUNT
L01	0.00
AZ	0.00

TAX AMOUNT	0.00
<b>TOTAL</b>	<b>4450.00</b>



TOT WT: 5500.00

X \_\_\_\_\_  
Received By

Tax Codes L01 1% CA LUMBER ASSESSM  
AZ ARIZONA-NON TAX



**SQUIRES LUMBER COMPANY, INC.**  
**333 EAST F ST**  
**PO BOX 431**  
**COLTON, CA 92324**  
**PHONE: (909) 825-1882**

<b>CUST NO:</b> 62379	<b>JOB NO:</b> 000	<b>PURCHASE ORDER:</b> QUOTE	<b>REFERENCE:</b> GRANT	<b>TERMS:</b> NET 30 ADI	<b>CLERK:</b> TAMARA	<b>DATE / TIME:</b> 9/13/23 11:54
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**SOLD TO:**  
 PCL CONSTRUCTION - ARIZONA  
 1711 W. GREENTREE DR.  
 SUITE 201  
 TEMPE AZ 85284

**SHIP TO:**

**EXP. DATE:** 9/18/23  
**TERMINAL:** 431

**SALESPERSON:** CP CHRIS PAXSON  
**TAX:** AZ ARIZONA-NON TAX

**ESTIMATE: 644030/1**

*\*ALL SPECIAL ORDERS ARE FINAL & NON-REFUNDABLE\**

LINE	SHIPPED	ORDERED	UM	SKU	DESCRIPTION	UNITS	PRICE/ PER	EXTENSION	TAX
1		100	PC	3448ACX	3/4 4X8 AC EXT. PLYWOOD	100	49.65 /PC	4,965.00	N L01
2		1	EA	NCF	Thanks for the Business!	1	/EA	N/C	N
					Total Plywood/Wallboard: 3200.00/SF				
					Energy Surcharge			150.00	
					L01			105.00	
					Taxes at 7.75%			404.55	
					Total			5624.55	

REPRINT

TAX CODE	TAX AMOUNT
L01	0.00
AZ	0.00

TAX AMOUNT	0.00
<b>TOTAL</b>	<b>4965.00</b>

**Delta: \$554.91**



TOT WT: 6600.00

X \_\_\_\_\_  
 Received By

**L01 1% CA LUMBER ASSESSM**  
**AZ ARIZONA-NON TAX**

STANTEC TIME SHEETS

**184031687: Oliver P. Roemer Water Filtration Facility Upgrades and Expansion Project**

Hours spent for Structural Redesign - Change from Risk Category II to Risk Category III  
7/12/23 to 8/14/2023

Project	Code	Category	Subcode	Discipline	Type	Date	Number of Hours	Unit	Name	Rate	Total	Task Description
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/8/2023	0.50	HOURS	Yoon, Debbie (332)	\$ 240	\$ 120	Compile calculations for retaining walls (Risk Category updates)
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/9/2023	2.00	HOURS	Yoon, Debbie (332)	\$ 240	\$ 480	Compile calculations for retaining walls (Risk Category updates)
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/10/2023	2.00	HOURS	Yoon, Debbie (332)	\$ 240	\$ 480	Compile calculations for FB2 & Operations Bldg.(Risk Category updates)
							4.50	HOURS			\$ 1,080	Week of 8/7
							39.50	HOURS			\$ 7,950	Week of 7/31
							97.00	HOURS			\$ 22,793	Week of 7/24
							102.25	HOURS			\$ 25,312	7/1/2023 to 7/23/2023
							243.25	HOURS			\$ 57,135	Totals as of 8/14/2023

**184031687: Oliver P. Roemer Water Filtration Facility Upgrades and Expansion Project**

Hours spent for Structural Redesign - Change from Risk Category II to Risk Category III  
7/12/23 to 8/7/2023

Project	Code	Category	Subcode	Discipline	Type	Date	Number of Hours	Unit	Name	Rate	Total	Task Description
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	7/31/2023	2	HOURS	Lin, Simon (153)	\$ 300	\$ 600	Risk category updates redesign review
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/1/2023	2	HOURS	Lin, Simon (153)	\$ 300	\$ 600	Risk category updates redesign review
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/2/2023	1	HOURS	Lin, Simon (153)	\$ 300	\$ 300	Risk category updates redesign review
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/3/2023	1	HOURS	Lin, Simon (153)	\$ 300	\$ 300	Risk category updates redesign review
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/4/2023	1	HOURS	Lin, Simon (153)	\$ 300	\$ 300	Risk category updates redesign review
184031687	7	Risk Category Update	7.5	Structural Engineer	Direct Labor	8/3/2023	1.5	HOURS	Yoon, Debbie (332)	\$ 240	\$ 360	Risk category update-Respond to 90% Review comment pm wall anchorage detail in Operation Building & markups
184031687	7	Risk Category Update	7.4	Architecture	Direct Labor	8/4/2023	1	HOURS	Navarro, Elizabeth (164)	\$ 240	\$ 240	energy calc review for eric
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	7/31/2023	7.5	HOURS	Kate, Sameer (331)	\$ 175	\$ 1,313	Update Roemer model and 2d sheets as per markup
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/2/2023	3	HOURS	Kate, Sameer (331)	\$ 175	\$ 525	Update Roemer model and 2d sheets as per markup
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/3/2023	8	HOURS	Kate, Sameer (331)	\$ 175	\$ 1,400	Update Roemer model and 2d sheets as per markup
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/4/2023	8	HOURS	Kate, Sameer (331)	\$ 175	\$ 1,400	Update Roemer model and 2d sheets as per markup
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	7/31/2023	1.5	HOURS	Sakhalkar, Jidnyasa (155)	\$ 175	\$ 263	Risk Category updates Drawing checking
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	8/4/2023	2	HOURS	Sakhalkar, Jidnyasa (155)	\$ 175	\$ 350	Risk Category updates Drawing checking. Coordination.
							39.50				\$ 7,950	Week of 7/31
							97.00				\$ 22,793	Week of 7/24
							102.25				\$ 25,312	7/1/2023 to 7/23/2023
							238.75	HOURS			\$ 56,055	Totals as of 8/7/2023

**184031687: Oliver P. Roemer Water Filtration Facility Upgrades and Expansion Project**

Hours spent for Structural Redesign - Change from Risk Category II to Risk Category III  
7/12/23 to 7/28/23

Project	Code	Category	Subcode	Discipline	Type	Date	Number of Hours	Unit	Name	Rate	Total	Task Description
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-24	4.00	HOURS	Lin, Simon (153)	\$ 300	\$ 1,200	redesign review, coordination and issuing- earlywork
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-25	6.00	HOURS	Lin, Simon (153)	\$ 300	\$ 1,800	redesign review, coordination and issuing- earlywork
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-26	4.00	HOURS	Lin, Simon (153)	\$ 300	\$ 1,200	redesign review, coordination and issuing- overall
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-27	4.00	HOURS	Lin, Simon (153)	\$ 300	\$ 1,200	redesign review, coordination and issuing- overall
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-28	4.00	HOURS	Lin, Simon (153)	\$ 300	\$ 1,200	redesign review, coordination and issuing- overall
184031687	7	Risk Category Update	7.5	Mechanical	Direct Labor	2023-07-27	0.50	HOURS	Neprud, Sean (923)	\$ 330	\$ 165	Drawing final check, issue date revisions and uploading revised Early Works IFC package
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-26	0.50	HOURS	Spiro, Jeffrey (257)	\$ 185	\$ 93	Filtration Building platform design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-24	1.00	HOURS	Spiro, Jeffrey (257)	\$ 185	\$ 185	Filtration Building platform design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-25	0.50	HOURS	Spiro, Jeffrey (257)	\$ 185	\$ 93	Filtration Building platform design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-26	4.50	HOURS	Spiro, Jeffrey (257)	\$ 185	\$ 833	Filtration Building platform design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-22	12.00	HOURS	Wong, Steven (811)	\$ 240	\$ 2,880	OPB Update Shear Wall and Diaphragm Design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-22	11.00	HOURS	Wong, Steven (811)	\$ 240	\$ 2,640	OPB Update Shear Wall and Diaphragm Design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-23	5.00	HOURS	Wong, Steven (811)	\$ 240	\$ 1,200	OPB Update Foundation Design and Wall Detailing
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-23	8.00	HOURS	Wong, Steven (811)	\$ 240	\$ 1,920	OPB Update Foundation Design and Wall Detailing
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-23	1.00	HOURS	Yoon, Debbie (332)	\$ 240	\$ 240	Revise Wall Anchor force on Grid 3 of Operation Building
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-24	5.00	HOURS	Yoon, Debbie (332)	\$ 240	\$ 1,200	Revise Wall Anchor design on Grid 3 of Operation Building
184031687	7	Risk Category Update	7.5	Structural Engineer	Direct Labor	2023-07-25	3.00	HOURS	Yoon, Debbie (332)	\$ 240	\$ 720	Revise Wall Anchor design on Grid 3 of Operation Building
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-24	4.00	HOURS	Kate, Sameer (331)	\$ 175	\$ 700	Update model and drawings as per markup.
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-26	2.00	HOURS	Kate, Sameer (331)	\$ 175	\$ 350	Update model and drawings as per markup.
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-27	8.00	HOURS	Kate, Sameer (331)	\$ 175	\$ 1,400	Update model and drawings as per markup.
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-28	8.00	HOURS	Kate, Sameer (331)	\$ 175	\$ 1,400	Update model and drawings as per markup.
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-26	0.50	HOURS	Sakhalkar, Jitnyasa (155)	\$ 175	\$ 88	Drawing Checking and coordination.
184031687	7	Risk Category Update	7.1	Structural Engineer	Direct Labor	2023-07-27	0.50	HOURS	Sakhalkar, Jitnyasa (155)	\$ 175	\$ 88	Drawing Checking and coordination.
							97.00				\$ 22,793	Week of 7/24
							102.25				\$ 25,312	7/12/2023 to 7/23/2023
							199.25				\$ 48,105	Totals as of 7/31/2023

**184031687: Oliver P. Roemer Water Filtration Facility Upgrades and Expansion Project**

Hours spent for Structural Redesign - Change from Risk Category II to Risk Category III  
7/12/23 to 7/23/23

Project	Code	Category	Subcode	Discipline	Type	Date	Number of Hours	Unit	Name	Rate	Total	Task Description
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-12	1	HOURS	Lin, Simon (153)	\$ 300	\$ 300	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-13	6.5	HOURS	Yoon, Debbie (332)	\$ 240	\$ 1,560	Update Calcs-FBZ Foundation and retaining walls for Risk Category adjustment.
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-13	4	HOURS	Wong, Steven (811)	\$ 240	\$ 960	Revised and updated EPS hydrodynamic and seismic loads
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-13	4	HOURS	Lin, Simon (153)	\$ 300	\$ 1,200	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-14	6.5	HOURS	Yoon, Debbie (332)	\$ 240	\$ 1,560	Update Calcs-retaining walls for Risk Category adjustment.
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-14	6	HOURS	Wong, Steven (811)	\$ 240	\$ 1,440	Revised EPS seismic loads and top slab design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-14	3.5	HOURS	Lin, Simon (153)	\$ 300	\$ 1,050	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-15	4	HOURS	Wong, Steven (811)	\$ 240	\$ 960	Revised EPS Wall Out-of-plane design and Diaphragm Design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-16	1	HOURS	Spiro, Jeffrey (257)	\$ 185	\$ 185	Updated SAFE model for the filter building PEMB Foundation design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-16	1	HOURS	Wong, Steven (811)	\$ 240	\$ 240	Revised EPS Shear Wall Designs
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-17	2	HOURS	Yoon, Debbie (332)	\$ 240	\$ 480	Operation Building: Wall out-of-plane calc - Grid 3
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-17	1	HOURS	Lin, Simon (153)	\$ 300	\$ 300	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-17	5.75	HOURS	Spiro, Jeffrey (257)	\$ 185	\$ 1,064	Updated SAFE model for the filter building PEMB Foundation design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-17	4	HOURS	Wong, Steven (811)	\$ 240	\$ 960	Revised EPS Foundation Design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-18	0.5	HOURS	Wong, Steven (811)	\$ 240	\$ 120	Internal QC Coordination for EPS effluent pump station Calc. Revisions
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-18	4	HOURS	Lin, Simon (153)	\$ 300	\$ 1,200	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.5	Mechanical	Direct Labor	2023-07-18	1.5	HOURS	Neprud, Sean (923)	\$ 330	\$ 495	Review of structural changes required for effects on the mechanical design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-19	4	HOURS	Yoon, Debbie (332)	\$ 240	\$ 960	Retaining wall re-design: calcs and update drawings S-101 & 102, QC meeting
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-19	6	HOURS	Lin, Simon (153)	\$ 240	\$ 1,440	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-19	1	HOURS	Wong, Steven (811)	\$ 240	\$ 240	Revised EPS Shear Wall Designs
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-20	3	HOURS	Kate, Sameer (311)	\$ 175	\$ 525	update drawings as per comment
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-20	5	HOURS	Lin, Simon (153)	\$ 240	\$ 1,200	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.1	PM and PTL	Direct Labor	2023-07-20	1	HOURS	Murthy, Umesh (616)	\$ 338	\$ 338	Risk category update work: internal coordination meeting to discuss status and schedules with discipline lead Simon Lin. Attend 0.5 hr meeting with WWWD and PCL at 1 pm
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-21	2	HOURS	Yoon, Debbie (332)	\$ 240	\$ 480	Retaining wall re-design: calcs & markups Operation Building: Wall out-of-plane calc grid 3
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-21	6	HOURS	Lin, Simon (153)	\$ 300	\$ 1,800	structural redesign for Risk Category Change
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-21	1	HOURS	Sakhalakar, Jidnyasa (155)	\$ 175	\$ 175	Drawing checking
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-22	12	HOURS	Wong, Steven (811)	\$ 240	\$ 2,880	OPB operations building Update Shear Wall and Diaphragm Design
184031687	7	Risk Category Update	7.2	Structural Engineer	Direct Labor	2023-07-23	5	HOURS	Wong, Steven (811)	\$ 240	\$ 1,200	OPB operations building Update Foundation Design and Wall Detailing
							<b>102.25</b>				<b>\$ 25,312</b>	





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Linda Jadeski, Director of Engineering  
**SUBJECT:** RIGHT OF ENTRY DURING CONSTRUCTION AND LICENSE FOR PIPELINE LOCATION WITH IDIL WEST VALLEY LOGISTICS CENTER, LP

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**MEETING HISTORY:**

11/21/23      Engineering, Operations and Planning Committee      REFERRED TO BOARD

**BACKGROUND:**

IDIL West Valley Logistics Center, LP, (“Developer”) is the owner of land located west of Locust Avenue, north of Armstrong Road, east of Alder Avenue and south of Jurupa Avenue in the City of Fontana known as the West Valley Logistics Center (“Development”). The proposed Development includes the construction and operation of six (6) warehouses across sixteen (16) parcels of vacant land and (1) former West Valley Water District (“District”) parcel known as APN 0256-131-10. In developing this land, the Developer is required to construct multiple district facilities within pressure zones 2 and 3, which will include new 12-inch, 16-inch, and 24-inch watermains, pressure zones 2 and 3 pressure regulating station, fire hydrants, water services etc.

As part of the Development conditions, during grading operations, the Developer was conditioned to protect-in-place existing 12-inch common inlet/outlet watermain to District’s reservoir R2-3 which currently traverses through APN 0256-131-10 (“Developer’s Property”). Based on the Hydraulic Analysis performed in October, 2020, it was determined that the above-mentioned 12-inch watermain needs to be upsized to 24-inch, which the Developer agreed to. As part of the said development, Developer desires to remove certain facilities of the District currently located within the Developer Property and relocate them to a new easement provided by the Developer in an area outside of the Developer Property.

In addition, due to the ongoing grading operations, the Developer desires to obtain a right of ingress and egress to and from District owned property (APN 0256-131-17), which is adjacent to the Developer’s Property. The developer desired to obtain said right-of-entry, for a certain period of time, in order to gain access to the Developer’s Property during development of the West Valley Logistics Center.

**DISCUSSION:**

The District and the Developer desire to enter into this Right of Entry during Construction and License for Pipeline Location Agreement (“Agreement”), which will allow the operation and protection of the existing watermain, relocation of the new 24-inch pipeline to a new easement provided by the Developer outside of the Developer Property. This Agreement will also allow the Developer the Right of Entry to use District’s property during construction activities for ingress and egress. Moreover, if any portion of the Right of Entry area is damaged by, or in connection with Developer’s activities, the Developer shall, at its sole cost, and to the reasonable satisfaction of the District, repair any and all such damage and restore the subject are to the its previous condition. Attached as Exhibit A is a copy of the Right of Entry Agreement for this project.

**FISCAL IMPACT:**

This action does not result in any fiscal impact.

**STAFF RECOMMENDATION:**

Staff recommends that Board of Directors:

1. Authorize entering into a Right of Entry during Construction and License for Pipeline Location Agreement with IDIL West Valley Logistics Center, LP.
2. Authorize the General Manager to execute all necessary documents.

Respectfully Submitted,

---

Lizett Santoro, Engineering Specialist II

SN:ls

**ATTACHMENT(S):**

1. Exhibit A - Right of Entry During Construction and License for Pipeline Location.doc

# EXHIBIT A

RIGHT OF ENTRY DURING CONSTRUCTION  
AND  
LICENSE FOR PIPELINE LOCATION

THIS RIGHT OF ENTRY DURING CONSTRUCTION AND LICENSE FOR PIPELINE LOCATION (collectively referred to as “Agreement”) is entered into this \_\_\_ day of December, 2023 by and between the WEST VALLEY WATER DISTRICT, a public agency (“WVWD”) and IDIL WEST VALLEY LOGISTICS, LP, a Delaware limited partnership (“Developer”).

RECITALS

A. The parties previously entered into that certain Agreement For Purchase And Sale Of Property, dated as of July 17, 2023, whereby WVWD agreed to sell property to Developer which is referred to as APN 0256-131-10 and more particularly described in Exhibit “A” attached hereto and incorporated herein by reference (“Developer Property”); and

B. Developer is in the process of developing the West Valley Logistics Center on the Developer Property. As part of said development, Developer desires to remove certain facilities of WVWD currently located within the Developer Property and relocate them to a new easement provided by Developer in an area outside of the Developer Property. WVWD desires to obtain and maintain the real property interest of a license in order to operate, repair and maintain said facilities currently located within the Developer Property until completion of the relocation work; and

C. Developer desires to obtain a right of ingress and egress to and from certain property owned by WVWD, which is adjacent to the Developer Property, and is referred to as APN 0256-131-17 (“WVWD Property”). The WVWD Property is shown in Exhibit “B” attached hereto and incorporated herein by reference. Developer desires to obtain said right-of-entry, for a certain period of time, in order to gain access to the Developer Property during development of the West Valley Logistics Center; and

D. The parties desire to enter into this Agreement in order to provide for the mutual covenants and consideration for the granting of property interests by and between the parties.

NOW, THEREFORE, the parties agree as follows:

1. GRANT OF RIGHT OF ENTRY DURING CONSTRUCTION

(a) Right of Entry and Activities WVWD hereby grants and conveys to Developer, its employees, agents and contractors, a non-exclusive temporary construction right-of-entry (“Right Of Entry”) for performance of certain construction activities (“Activities”). Developer or its contractors shall provide

notice to WVWD at least forty-eight (48) hours prior to the initial entry upon the Right of Entry area. Developer or its contractors shall also notify WVWD upon completion of the Activities. The Activities shall be limited to the following:

(i) The travel of heavy grading vehicles across the WVWD Property for access to the Developer Property. It is anticipated that there will be approximately six (6) vehicles crossing the WVWD Property per day as well as the use of vehicles for concrete pours once a week.

(ii) The placement and use of a temporary water line across the WVWD Property for connection to a water tank to be located on the Developer Property.

(b) Location Said Right of Entry shall lie in, over, under, upon, along, through and across the WVWD Property as described in Exhibit “B” and shall include the right to enter upon and to pass and re-pass over and along said area for performance of the Activities.

(c) Term and Termination This Right Of Entry shall continue in full force and effect until thirty (30) days after a Notice of Completion is recorded with the County of San Bernardino for development of the West Valley Logistics Center. Upon the occurrence of this event, this Right Of Entry shall automatically terminate immediately and become null and void.

(i) Notwithstanding the foregoing, this Right Of Entry may be terminated at an earlier date upon the determination by both parties that the Activities are no longer needed.

(ii) Notwithstanding the foregoing, this Right Of Entry may be terminated by WVWD if it determines, in its reasonable discretion, that the use of the Right Of Entry is in excess of the scope of the Activities. WVWD shall provide thirty (30) days advance written notice of its determination and the parties shall then engage in good faith negotiations during said 30-day period to resolve any dispute regarding the scope of the Activities.

(d) Repairs If any portion of the Right Of Entry area is damaged by, or in connection with, the Activities, Developer shall, at its sole cost, and to the reasonable satisfaction of WVWD, repair any and all such damage and restore the subject area to its previous condition.

## 2. GRANT OF LICENSE FOR PIPELINE LOCATION

(a) Grant of License Developer hereby grants to WVWD, its employees, agents and contractors, a license (“License”) in, on, over, under and across that portion of the Developer Property, as illustrated in Exhibit “A.”

(b) Use The License includes the right to reconstruct, operate, maintain, and/or repair a water pipeline together with any and all appurtenances thereto; together with the perpetual right of ingress and egress for the purpose of exercising the rights granted herein. As a condition of this grant of a License, Developer reserves the right to use such land for purposes that will not interfere with WVWD's full enjoyment of the rights hereby granted.

(c) Term The term of this License shall begin on the date of full execution of this Agreement by both parties and continue until completion of the relocation work by Developer as described in Recital B.

(d) Termination of License Upon Default. In the event WVWD fails to comply with any material obligations imposed upon WVWD hereunder and fails to cure such default within thirty (30) days after the date of receipt of written notice of default from Developer (or if such default cannot reasonably be cured within such thirty (30) period, WVWD's failure to commence a cure within such period and diligently thereafter pursue such cure to completion), Developer shall have the right to terminate this License upon ten (10) days' written notice of termination to WVWD.

### 3. INDEMNIFICATION

Each party ("Indemnitor") shall indemnify, defend and hold harmless the other party ("Indemnitee") from and against any and all damage or liability arising from Indemnitor's performance of this Agreement. Notwithstanding the foregoing, said indemnification and hold harmless obligation shall not apply to any damage or liability caused by the gross negligence or willful misconduct of Indemnitee.

### 4. GENERAL PROVISIONS

(a) This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

(b) The individuals executing this Agreement on behalf of their respective parties represent that they are authorized to do so by requisite action of their respective parties.

**IN WITNESS WHEREOF**, the parties hereto have executed this Agreement on the date first written above.

(signatures are on the following page)

WEST VALLEY WATER DISTRICT

By: \_\_\_\_\_  
John A. Thiel, PE, MBA  
General Manager

IDIL WEST VALLEY LOGISTICS, LP

By: \_\_\_\_\_  
Charles McPhee  
SVP and Regional Director

EXHIBIT "A"

Developer Property and License



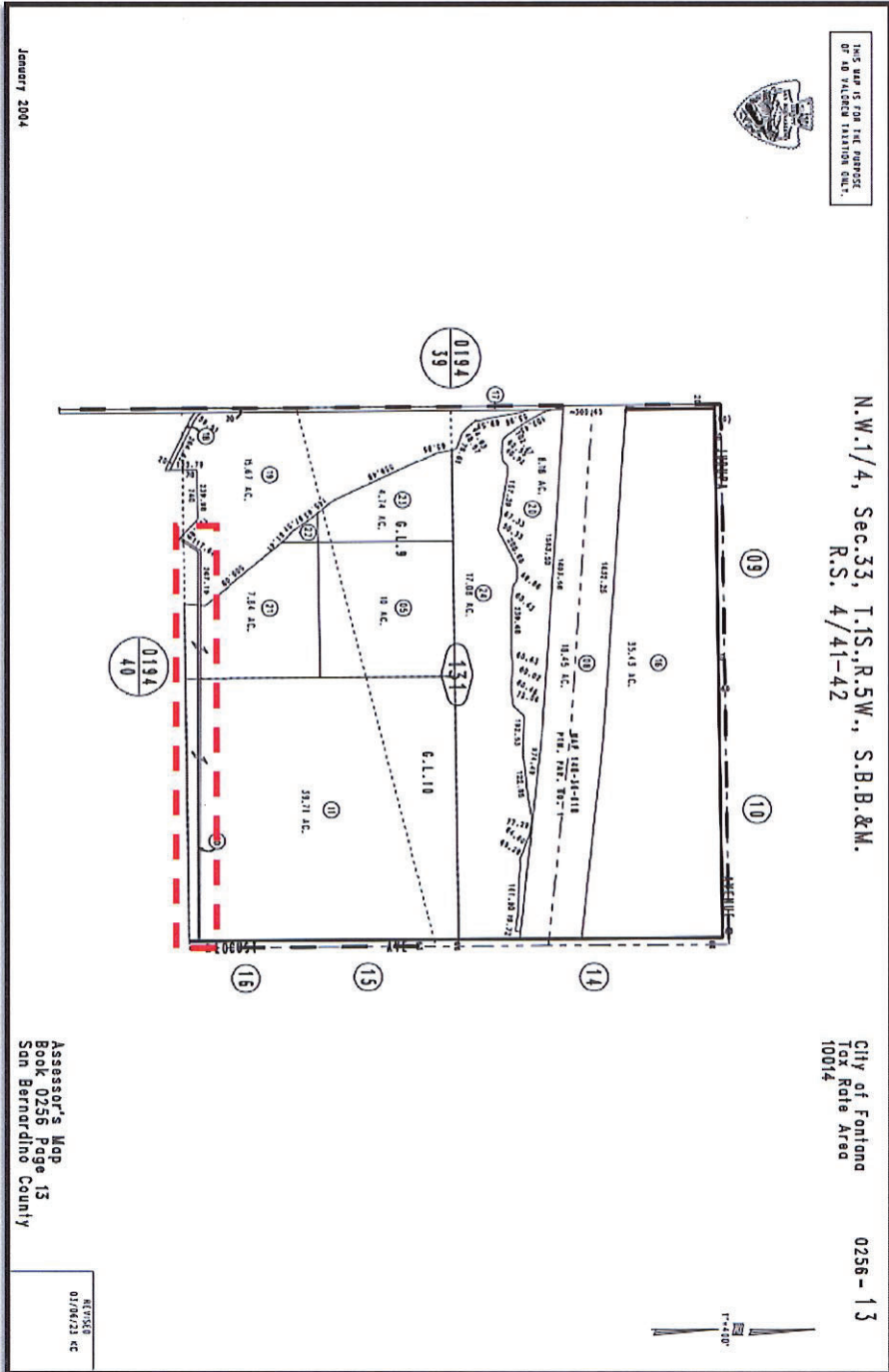
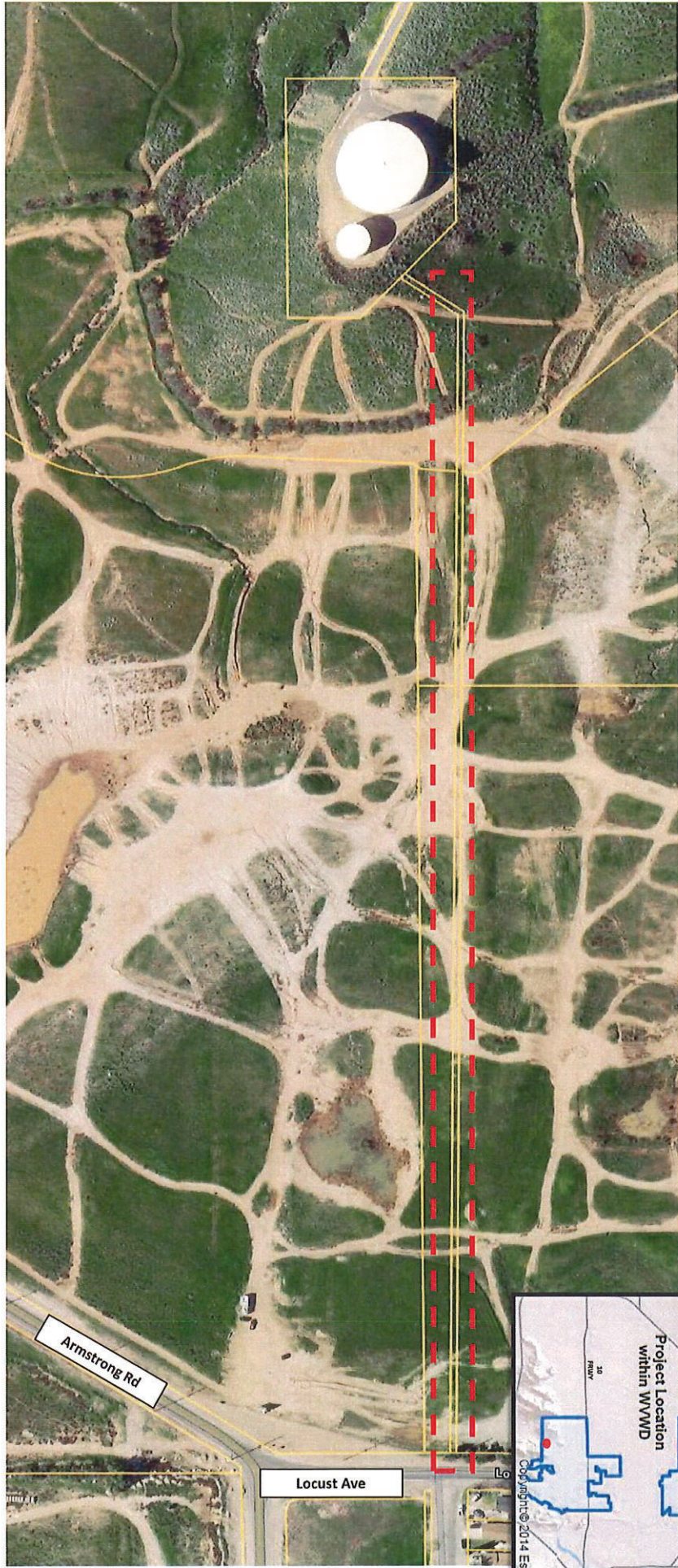


Exhibit A  
APN: 0256-131-10





**Exhibit A**  
**APN: 0256-131-10**

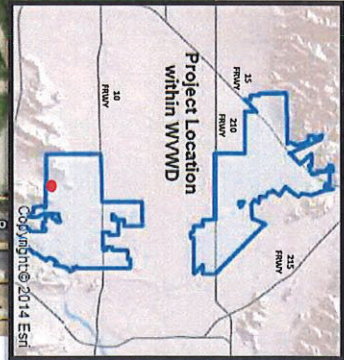


EXHIBIT "B"

WVWD Property and Right Of Entry



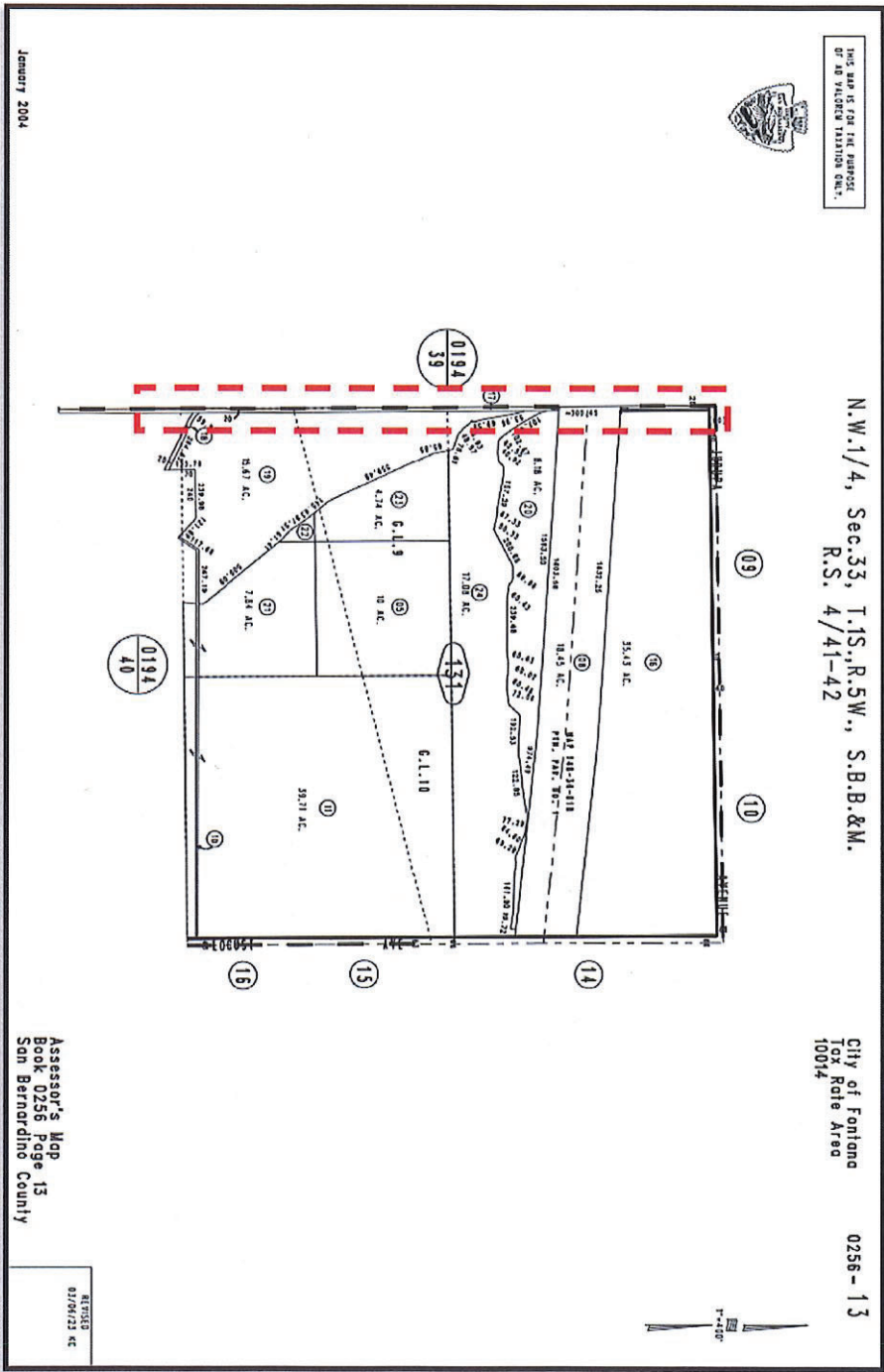
THIS MAP IS FOR THE PURPOSE  
OF AS VALUATION TAXATION ONLY.



N.W. 1/4, Sec 33, T.1S., R.5W., S.B.B.&M.  
R.S. 4/41-42

City of Fontana  
Tax Rate Area  
10014

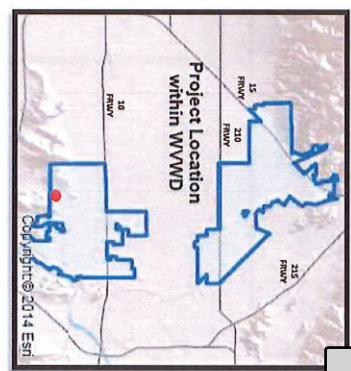
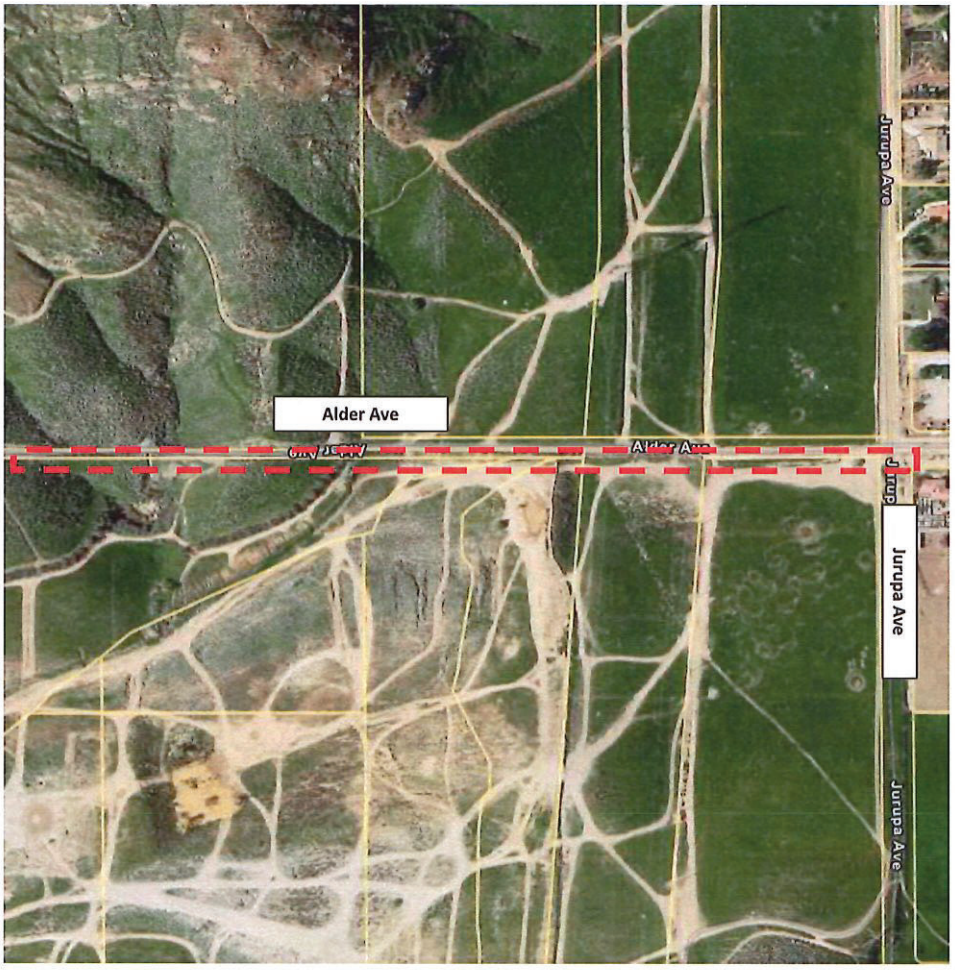
0256 - 13



### Exhibit B

APN: 0256-131-17





**Exhibit B**  
APN: 0256-131-17





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Linda Jadeski, Director of Engineering  
**SUBJECT:** REIMBURSEMENT AGREEMENT FOR R2-3 RESERVOIR FACILITIES IMPROVEMENTS WITH IDIL WEST VALLEY LOGISTICS CENTER, LP.

---

**MEETING HISTORY:**

11/21/23      Engineering, Operations and Planning Committee      REFERRED TO BOARD

**BACKGROUND:**

IDIL West Valley Logistics Center, LP, (“Developer”) is the owner of land located west of Locust Avenue, north of Armstrong Road, east of Alder Avenue and south of Jurupa Avenue in the City of Fontana known as the West Valley Logistics Center (“Development”). The proposed Development includes the construction and operation of six (6) warehouses across sixteen (16) parcels of vacant land and (1) former West Valley Water District (“District”) parcel known as APN 0256-131-10. In developing this land, the Developer is required to construct multiple district facilities within pressure zones 2 and 3, which will include new 12-inch, 16-inch, and 24-inch watermains, pressure zones 2 and 3 pressure regulating station, fire hydrants, water services etc.

The above mentioned proposed 24-inch watermain is currently a 12-inch common inlet/outlet pipeline which conveys water to and from an existing 4.0 million gallon welded steel tank (“Reservoir R2-3”), located to the east of Alder Ave., south of Jurupa Ave. A maintenance inspection of the reservoir was completed in 2019 which recommended various reservoir related rehabilitations; including but not limited to interior and exterior coating, inlet/outlet pipeline seismic retrofits, onsite plumbing modifications, and various safety upgrades.

Due to the adjacent Development’s footprint, the existing 12-inch needs to be relocated and upsized based on the hydraulic analysis performed in October, 2020. Moreover, the District’s reservoir will need to become non-operational temporarily for the installation of a new 24-inch watermain connection to the reservoir, which is required of the Developer, along with various other onsite improvements. This new 24-inch connection presents a unique water distribution operational opportunity to the District as well as the Developer to take the reservoir out of service for a single “shutdown”, and perform all required maintenance and rehabilitation as required by the 2019 inspection report and other Developer conditioned upgrades required by the 2020 Hydraulic Analysis at a potential cost savings to the District.

**DISCUSSION:**

Before construction for the onsite improvements can begin on reservoir R2-3 facilities, the District and the Developer must enter into a Reimbursement Agreement (“Agreement”). This Agreement outlines the description of reimbursable facilities for which the Developer will be reimbursed in full; however, the Developer agrees to undertake the engineering, design, and construction of reimbursable facilities. The responsibilities of the Developer also include constructing facilities, insurance coverage, bonding requirements, and conveyance and acceptance of the water system by the District. Attached as Exhibit A is a copy of the Reimbursement Agreement for this project.

Furthermore, the said reimbursement shall not include the costs of design, inspection, permits, bonding, insurance, construction administration and project management.

**FISCAL IMPACT:**

This project was included in the Fiscal Year 2023/2024 Capital Improvement Program (CIP) budget under W23001 Reservoir R2-3 Re-coating and Modifications.

**STAFF RECOMMENDATION:**

Staff recommends that the Board of Directors:

1. Authorize entering into a Reimbursement Agreement for R2-3 Reservoir Facilities Improvements with IDIL West Valley Logistics Center, LP.
  2. Authorize the General Manager to execute all necessary documents.
- Respectfully Submitted,

---

Lizett Santoro, Engineering Specialist II

SN:ls

**ATTACHMENT(S):**

1. Exhibit A - Reimbursement Agreement







# EXHIBIT A

## REIMBURSEMENT AGREEMENT

**THIS REIMBURSEMENT AGREEMENT** (“Agreement”) is entered into as of the date upon which this Agreement has been executed and delivered by both Parties (“Effective Date”), by and between **IDIL WEST VALLEY LOGISTICS CENTER, LP** (“Applicant”), and **West Valley Water District** (“District”). Applicant and District are sometimes individually referred to herein as a “Party” and collectively referred to herein as the “Parties.”

### RECITALS

**WHEREAS**, the Applicant is the owner of and/or beneficiary interested in certain real property in the County of San Bernardino, State of California, described as **West Valley Logistics Center** in the City of Fontana, located west of Locust Avenue, north of Armstrong Road, east of Alder Avenue and south of Jurupa Avenue, as shown in “Exhibit A”; and

**WHEREAS**, the Applicant desires to remove the District’s Reservoir R2-3 Storage Tank, transmission pipeline and facilities (collectively, “R2-3 Reservoir Facilities”) located within the Applicant’s project limits of said real property and relocate them into a dedicated easement provided by the Applicant in favor of the District in an area outside of the Applicant’s project limits; and

**WHEREAS**, the District has identified the R2-3 Reservoir Facilities in its Water Facilities Master Plan as having to be upsized to a specific size to meet the District’s overall hydraulic needs in the distribution system; and

**WHEREAS**, the Applicant has agreed to relocate and upsize the R2-3 Reservoir Facilities, along with coating and seismic retrofits, to adhere to the District’s standards and specifications. The relocation, upsizing, coating and retrofitting are collectively referred to herein as the “Project;” and

**WHEREAS**, the District has agreed to reimburse the Applicant for applicable costs associated with the Project as described in “Exhibit B” and contained in this Agreement. This Agreement shall solely pertain to the terms and conditions for the reimbursement of costs and expenses regarding the Project. All terms and conditions for the approval and initiation of service to the Applicant’s property shall be set forth in applicable rates, rules, and regulations of the District as the same are now in effect or may hereafter be amended.

**NOW, THEREFORE**, in consideration of the mutual promises and covenants contained herein, and in consideration of other valuable consideration, the receipt and adequacy of which is hereby acknowledged, the Parties agree as follows:

1. Reimbursable Facilities. Applicant agrees to undertake the engineering, design, and construction of the Project shown in “Exhibit B” in accordance with the terms and conditions of the Water System Infrastructure Installation and Conveyance Agreement attached hereto as “Exhibit C” (“Conveyance Agreement”). To the extent there are any conflicts between this Agreement and the Conveyance Agreement, the Conveyance Agreement shall control. Only the Applicant will have a contractual arrangement with a consultant/contractor for the design and

construction of the Project. The plans and designs shall be subject to the prior written approval of the District, which approval shall not be unreasonably delayed, conditioned, or withheld. The Applicant shall be solely responsible for all payments to said consultant/contractor. Within thirty (30) days after the date that there has been both the recordation of the notice of completion with the County and also acceptance of the Project by the District, the Applicant shall submit an invoice to the District which includes an itemized account of the construction of the Project including any approved change orders or deviations. The invoice shall be subject to the review and approval by the District, which approval shall not be unreasonably delayed, conditioned, or withheld. If the District objects to any portion of the invoice, the Parties shall then engage in good faith efforts to resolve such issues through informal discussions. In the event said objections cannot be so resolved, either Party may elect to initiate the dispute resolution procedures set forth in this Agreement. In regard to any reasonable objection by the District regarding the work product of the Applicant's consultant/contractor, the District shall raise said issues with the Applicant and the Applicant shall resolve said issues with the consultant/contractor. Subject to the procedures set forth herein, the District shall reimburse the Applicant for one hundred percent (100%) of all costs paid by the Applicant associated with construction of the Project, which shall only include materials and installation as described in "Exhibit B", unless modified in writing by mutual agreement between Applicant and the District. Said reimbursement shall not include the costs of design, inspection, permits, bonding, insurance, excavation, plan check, construction administration and project management, backfill, traffic control, survey, asphalt, disinfection/chlorination, service laterals and hydrant assemblies. The Applicant and the District shall reasonably cooperate to complete the construction of the Project.

2. Prevailing Wage. The Applicant agrees to the payment of prevailing wages, and other public works requirements pursuant to the California Labor Code, the California Government Code and the California Public Contracts Code for the Project described in "Exhibit B".

3. Bids. The Applicant shall obtain a minimum of three (3) bids from the District's approved list of contractors and shall furnish to the District true and accurate copies of bids received. The Applicant shall award the contract to the lowest responsive and responsible bidder for the construction of the Project and the District shall have the right to review and approve the bids, in District's reasonable discretion, and the successful bidder prior to the Applicant awarding a contract.

4. Change Orders. The Applicant will not issue a change order with respect to the Project without the prior written consent of the District, which consent shall not be unreasonably delayed, conditioned, or withheld. Subject to the foregoing, District shall have no obligation to pay any cost increases for changes to the work for the Project unless the District has approved the same in writing in advance.

5. Dispute Resolution. Any dispute, claim or controversy arising out of, resulting from or relating to this Agreement or the breach, termination, enforcement, interpretation or validity thereof, including any dispute, claim or controversy arising out of, resulting from or relating to the construction of the Project, and the determination of the scope or applicability of this agreement to arbitrate, shall be determined by binding arbitration in San Bernardino, California, before a JAMS arbitrator (as agreed among the parties, or appointed pursuant to JAMS procedures). The Parties shall submit arbitration briefs not to exceed three pages for the

arbitrator's consideration and shall make themselves available for a hearing at the discretion of the arbitrator. Judgment on the award may be entered in any court having jurisdiction. This clause shall not preclude the Parties from seeking provisional remedies in aid of arbitration from a court of appropriate jurisdiction.

6. Binding Effect. This Agreement shall be binding on and inure to the benefit of the heirs, executors, administrators, successors, assigns, agents, legal representatives, and bankruptcy trustees of the Parties, including without limitation their successors-in-interest.

7. Attorneys' Fees. Each Party to this Agreement will bear its own costs, expenses, and attorneys' fees in connection with this Agreement, including its negotiation and the performance or satisfaction of its obligations, liabilities and/or duties under or pursuant this Agreement, subject, however, to the following: In the event of any dispute between the Parties concerning the terms or provisions of this Agreement, including enforcement of such terms or provisions, the Party prevailing in such dispute shall be entitled to collect from the other Party all costs incurred in connection with such dispute, including reasonable attorneys' fees.

8. Non-waiver. No failure or delay in exercising any right under this Agreement shall operate as a waiver thereof or of any other right.

9. Amendments and Waivers. This Agreement constitutes the entire agreement between the Parties, and there are no other agreements expanding or modifying its terms. This Agreement may not be amended or modified except by a written instrument signed by the Parties which expressly states that modification of this Agreement is intended.

10. Severability. If any provision or portion of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions and/or portions will nevertheless continue in full force without being impaired or invalidated in any way.

11. Counterparts. This Agreement may be executed and delivered in any number of counterparts, including e-mail or facsimile counterparts, all of which shall be deemed to constitute one and the same instrument, and each of which shall be deemed an original.

12. Additional Acts and Documents. Each Party agrees to do all such things and take all such actions, and to make, execute, and deliver such other documents and instruments as shall be reasonably required to carry out the provisions, intent, and purposes of this Agreement.

13. Governing Law. This Agreement will be governed by and construed in accordance with the laws of the State of California.

14. Recitals. The Parties hereby agree that the Recitals above are true and accurate and are incorporated herein.

15. Authorization. Each individual signing this Agreement represents and warrants that he or she is duly authorized to execute this Agreement in their individual or representative capacity as indicated.

16. No Consents Required. Each Party represents and warrants that the consent or approval of no third party, including, without limitation, a lender, is required with respect to the execution of this Agreement, or if any such third party consent or approval is required, the Party who requires such consent or approval has obtained any and all such consents or approvals and that no other consent, authorization or approval is required by any other party for full execution on such Party's behalf.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the Parties have executed this Agreement effective as of the Effective Date.

IDIL WEST VALLEY LOGISTICS CENTER, LP

By: \_\_\_\_\_  
Name: Charles McPhee  
Title: SVP and Regional Director  
Date: \_\_\_\_\_

WEST VALLEY WATER DISTRICT

By: \_\_\_\_\_  
Name: John Thiel  
Title: General Manager  
Date: \_\_\_\_\_

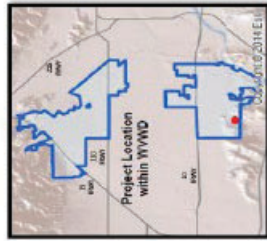
- Exhibit A: Development Location
- Exhibit B: Description of Reimbursable Facilities
- Exhibit C: Water System Infrastructure Installation and Conveyance Agreement

**EXHIBIT A**

(Development Location)

APN's:

0194-401-04	0256-141-36	0256-141-41	0256-131-11
0194-401-05	0256-141-38	0256-141-41	0256-131-12
0194-401-09	0256-141-39	0256-131-05	0256-131-13
0256-131-14	0256-131-15		



West Valley Water District

Exhibit A

WEST VALLEY LOGISTICS CENTER





**EXHIBIT B**

(Description of Reimbursable Facilities)

- |     |   |
|-----|---|
| 1.  | <b>Interior Coating:</b> Furnish all labor, materials, and equipment to prepare surfaces to SSPC-SP10 and coat interior with an epoxy coating system in accordance with the specifications. (Less point of connections for new inlet/outlet, shell drain, overflow pipe, abandoned connections on shell)  |
| 2.  | <b>Disinfection:</b> Furnish all labor, materials, and equipment to prepare surfaces and disinfect interior.  |
| 3.  | <b>Exterior Paint:</b> Furnish all labor, materials, and equipment to provide containment, prepare exterior surfaces to SSPC-SP10 and paint the exterior surfaces with an epoxy/urethane system in accordance with the specifications. (Less point of connections for new inlet/outlet, shell drain, overflow pipe, abandoned connections on shell) |
| 4.  | <b>Interior Caulking:</b> Furnish all labor, materials, and equipment to caulk all designated voids on the interior surfaces in accordance with the specifications.   |
| 5.  | <b>Safety Gate:</b> Furnish all labor, materials, and equipment to install a new safety gate at the top of the exterior ladder.   |
| 6.  | <b>Vent Screening:</b> Furnish all labor, materials, and equipment to remove existing vent screening on the center vent prior to painting and coating operations install new screening after coating and painting are complete.   |
| 7.  | <b>Auxiliary Vent:</b> Furnish all labor, materials, and equipment to install a 24" auxiliary roof vent at location designated on the plans.  |
| 8.  | <b>Interior Ladder:</b> Remove and dispose of the existing interior ladder and install a new fiber glass ladder at the existing roof hatch.   |
| 9.  | <b>Saf-T-Climb:</b> Furnish all labor, materials, and equipment to install a galvanized steel Saf-T-Climb on the interior ladder. Supply a harness and locking sleeve to the District.  |
| 10. | <b>Fall Restraint System:</b> Furnish all labor, materials, and equipment to install fall restraint cables, attachments, and necessary mounting hardware.   |
| 11. | <b>Dehumidification:</b> Furnish all labor, materials, and equipment to use dehumidification system for interior work, including curing of coatings, in accordance with the specifications. Sound barriers shall be provided as required.   |
| 12. | <b>Pitted Areas:</b> Furnish material, equipment, and labor to fill or weld plates over excessively pitted or corroded areas, as determined necessary by the engineer.  |
| 13. | <b>Center Vent Bracing:</b> Furnish all labor, materials, and equipment to replace the center vent bracing in like kind as determined necessary by the Engineer.  |

**EXHIBIT C**

(Water System Infrastructure Installation and Conveyance Agreement)

**WATER SYSTEM INFRASTRUCTURE  
INSTALLATION AND CONVEYANCE AGREEMENT**

This water system infrastructure installation and conveyance agreement (“Agreement”) is entered into and effective as of \_\_\_\_\_ by and between **IDIL WEST VALLEY LOGISTICS CENTER, LP** (“Developer”), and **WEST VALLEY WATER DISTRICT** (“District”) who agree as follows:

The Developer is the owner of certain land described as **WEST VALLEY LOGISTICS CENTER** and as more fully (or further) shown on Exhibit "A". In developing this land, the Developer is desirous of obtaining a public water supply adequate for domestic uses and public fire protection purposes and is desirous of integrating that water system into the District’s public water system.

In order to provide facilities for a water supply to said land, it is the intention of the parties to this Agreement that the Developer shall furnish and install those water mains, fire hydrants, service laterals, water meters and valves, valve boxes, relocate and upsize R2-3 Reservoir Facilities along with coating and seismic retrofit to adhere to District’s standards and specifications and all other appurtenant fittings and facilities required for a complete water system to serve the land shown on Exhibit "A".

In order to implement the foregoing and in consideration of the terms and conditions herein contained, the parties further agree as follows:

## **1. DESIGN**

1.1. Developer shall design and construct, at the Developer's sole expense, the water facilities and appurtenances required to serve the development in accordance with final District-approved plans known as **DRAWINGS FOR THE REHABILITATION OF RESERVOIR 2-3** as approved and attached herein as Exhibit "B" and in accordance with District-approved design standards and specifications, and the terms and conditions of this Agreement.

1.2. The water system design shall be by a Professional Engineer registered in the State of California, and in accordance with the District's Rules and Regulations, latest edition (the “Rules and Regulations”), the District's Standards for Domestic Water Facilities and Standard Drawings herein included by reference, all applicable District ordinances and policies and all City, County, State of California, and Federal laws, ordinances, rules, regulations, codes and other legal requirements of all government bodies having jurisdiction over said construction and property (all of the foregoing requirements in this paragraph being collectively referred to herein at times as “Legal Requirements”).

1.3. The District, at Developer's expense, shall review Developer's plans for the purpose of ensuring the adequacy of the design and conformance with the District's standards and specifications. The District reserves the right to add, delete, modify, change or amend any or all the plans and specifications.

1.4. In the event that the property to be developed includes multiple residential, condominiums, commercial or industrial uses, all site plans, grading plans, improvement plans, and any available plumbing plot plans shall be furnished to the District by Developer.

1.5. The District makes no warranties as to the correctness, accuracy or completeness of the plans and specifications. The accuracy, adequacy, suitability, and correctness of the water system design shall be the sole responsibility of the Developer.

## **2. CONSTRUCTION**

2.1. Developer shall perform, or caused to be performed, all construction of the water system infrastructure installation pursuant to the approved water system plans, legal requirements, and other applicable requirements.

2.2. The performance of this Agreement shall commence within one hundred eighty (180) calendar days from Developer's receipt of the notice to proceed provided by the District pursuant to Section 8.1 below, and shall be completed within two (2) years from the estimated construction start date, unless such construction is delayed by a force majeure event, or events beyond Developer's control.

2.3. Time is of the essence in this Agreement; provided that, in the event good cause is shown therefore, the general manager of the District ("General Manager") may extend the time for completion of the water system installation. Any such extension may be granted without the notice to Developer's surety, and extensions so granted shall not relieve the surety's liability on the bond to secure faithful performance of this Agreement. The General Manager shall be the sole and final judge as to whether or not good cause has been shown to entitle Developer to an extension.

2.4. The Developer and its contractor and subcontractors shall attend a pre-construction meeting with the District no less than two (2) working days prior to commencement of construction.

2.5. No work on water facilities shall commence prior to the completion of all required curbs and gutters.

## **3. LICENSES AND PERMITS**

3.1. Developer, and all of Developer's contractors and subcontractors warrants it possesses, or shall obtain, and maintain during the term of this Agreement any and all licenses, permits, qualifications, insurance and approval of whatever nature that are legally required of Developer, its contractors, and all subcontractors to practice its profession, skill or business.

3.2. The work to be performed under this Agreement, except meter installations by the District, shall be performed by Developer, or a contractor or subcontractor who is pre-approved by the District and is licensed under the laws of the State of California in the specialty Class of "C-34" Pipeline or Class "A" General Engineering. A copy of the contract between Developer and the selected pre-approved contractor and all subcontractors shall be submitted to the District for review and approval attached herein as Exhibit "C".

3.3. Excavation/resurfacing permits shall be secured by Developer at Developer's expense. Permits/easements to install, maintain and operate water system facilities in private property shall be secured by Developer at Developer's sole expense prior to construction.

3.4. Developer shall, at Developer's sole expense, be responsible for obtaining and adhering to a National Pollution Discharge Elimination System (NPDES) permit from the Regional Water Quality Board as required for construction or pipeline flushing and disinfection.

3.5. Developer shall, at Developer's sole expense, be responsible for obtaining and adhering to the California Environmental Quality Act.

#### 4. INSURANCE REQUIREMENTS

4.1. The following insurance requirements have been adopted by the District and shall be applicable to this Agreement. These requirements supersede the insurance requirements set forth in any other reference of the District, and to the extent of any conflict, the specified requirements herein shall prevail.

4.2. Developer shall ensure that Developer's contractors conform to the following insurance requirements and that all required documents are submitted to the District at the time of Agreement submittal: Developer shall ensure that its contractors and all subcontractors shall purchase and maintain insurance in amounts equal to the requirements set forth in (a) through (d) below, and shall not commence work under this Agreement until all insurance required under this heading is obtained in a form acceptable to the District, nor shall Developer allow any contractor or subcontractor to commence construction pursuant to a contract or subcontract until all insurance required of the contractor and any subcontractors has been obtained.

a. General Liability: Developer shall ensure that its contractor and all subcontractors shall maintain during the life of this Agreement, a standard form of either Comprehensive General Liability insurance or Commercial General Liability insurance ("General Liability Insurance") providing the following minimum limits of liability: Combined single limit of \$1.0 million per occurrence for bodily injury, including death, personal injury, and property damage with \$2.0 million minimum aggregate, separate for this project as evidenced by endorsement. The insurance shall include coverage for each of the following hazards: Premises-Operations; Owners and Contractors Protective; Broad Form Property Damage contractual for Specific Contract; Severability of Interest or Cross-Liability; XCU Hazards; and Personal Injury – With the "Employee" Exclusive Deleted.

b. Automotive/Vehicle Liability Insurance: Developer shall ensure that its contractor and all subcontractors shall maintain a policy of automotive/vehicle liability insurance on a commercial auto liability form covering owned, non-owned and hired automobiles providing the following minimum limits of liability: Combined single limit of liability of \$1.0 million per accident for Bodily Injury, Death and Property Damage ("Automotive/Vehicle Liability Insurance").

c. Workers' Compensation Insurance: Developer shall ensure that its contractor and all subcontractors shall provide such workers' compensation insurance with statutory minimum amounts of coverage, as required by the California *Labor Code* and other applicable

law, and including employer's liability insurance with a minimum limit of \$1,000,000.00 ("Workers' Compensation Insurance"). Such Workers' Compensation Insurance shall be endorsed to provide for a waiver of subrogation against the District.

d. Excess Liability: Developer shall ensure that its contractor and all subcontractors shall provide a policy providing excess coverage in a face amount necessary when combined with the primary insurance, to equal the minimum requirements for General Liability Insurance and Automotive/Vehicle Liability Insurance.

4.3. The insurances provided for in Section 4.2 and its subsections above are subject to all of the following conditions:

a. The insurance shall be issued and underwritten by insurance companies acceptable to the District, and shall be licensed by the State of California to do business on the lines of insurance specified. The insurers must also have an "A-" Policyholder's rating" and a "financial rating" of at least Class VII in accordance with the most current A.M. Best's Rating Guide.

b. Developer's contractor and subcontractors may satisfy the limit requirements in a single policy or multiple policies. Any such additional policies written as excess insurance shall not provide any less coverage than that provided by the first or primary policy.

c. Any costs associated with a self-insured program, deductibles, or premium rating programs that determine premium based on loss experience shall be for the account of Developer, Developer's contractor and subcontractors, and the District shall not be required to participate in any such loss. If any such programs exist, Developer, Developer's contractor and subcontractors, agree to protect and defend the District in the same manner as if such cost provisions were not applicable.

d. Developer shall ensure that its contractor and all subcontractors shall have presented at the time of execution of the Agreement, the original policies of insurance and a certificate of insurance naming the District as the certificate holder and that such coverage is in force and complies with the terms and conditions outlined herein.

e. If an insurance policy contains a general policy aggregate of less than the minimum limits specified, then the policy coverage shall be written with limits applicable solely to this Agreement, as specified, and shall not be reduced by or impaired by any other claims arising against Developer. These policy limits shall be set forth by separate endorsement to the policy.

4.4. Each such policy of General Liability Insurance and Automotive/Vehicle Liability Insurance shall contain endorsements providing the following:

a. The District, their board members, officers, agents, employees, consultants, and engineers, are hereby declared to be additional insureds under the terms of this policy, but only with respect to the operations of the Developer at or upon any of the premises of the District in connection with the Agreement with the District, or acts or omissions of the additional insureds in connection with, but limited to its general supervision or inspection of said operations and save for any claims arising from the sole negligence or sole willful misconduct the District.

b. No policy shall be canceled, limited, materially altered, or non-renewed by the insurer until thirty (30) days after receipt by the District of a written notice of such cancellation or reduction in coverage.

c. This insurance policy is primary insurance and no insurance held or owned by the designated additional insureds shall be called upon to cover a loss under this policy.

## 5. BONDING REQUIREMENTS

5.1. Developer shall obtain a cost proposal for the approved water improvement plans from a pre-approved Contractor attached herein as Exhibit "C". The cost proposal will be submitted to the District for review and approval, and shall be used as the basis for bonding requirements for the water system described in the plans provided to the District by the Developer and approved for construction by the District.

5.2. Performance Bond: The cost proposal for the water system improvements for **DRAWINGS FOR THE REHABILITATION OF RESERVOIR 2-3**, is **(DEVELOPER TO PROVIDE BID RESULTS FOR BONDING)** no/100 dollars **(DEVELOPER TO PROVIDE BID RESULTS FOR BONDING)**. Developer shall and by this Agreement does guarantee the Developer's faithful performance of this Agreement and all of its terms and conditions by providing the following: Developer shall provide the District with a performance bond, from a surety institution licensed by the State of California and authorized to do and doing business in said State, valid and renewable until such improvements are accepted by the District. The performance bond attached herein at Exhibit "D", shall be in the amount of **(DEVELOPER TO PROVIDE BID RESULTS FOR BONDING)** no/100 dollars **(DEVELOPER TO PROVIDE BID RESULTS FOR BONDING)** equal to 100 percent of the cost proposal.

5.3. Warranty Bond: The pre-approved Contractor shall furnish a two-year warranty bond for all work completed in accordance with the approved water improvement plans attached herein as Exhibit "B". Before District's acceptance of the completed water facilities and appurtenances, such facilities and appurtenances shall be free from any and all liens and encumbrances and free from any and all defects in the materials or construction thereof. The two-year warranty shall be a warranty bond beginning on the date of acceptance of the water facilities by the District and shall be in the amount of **(DEVELOPER TO PROVIDE BID RESULTS FOR BONDING)** no/100 dollars **(DEVELOPER TO PROVIDE BID RESULTS FOR BONDING)** equal to 100 percent of the Contractor's cost proposal.

## 6. MATERIALS

6.1. The water system facilities to be installed pursuant to this Agreement shall become an extension of the distribution system of the District. All materials used must conform to District specifications for such materials pursuant to all applicable legal requirements.

## 7. NOTICES

7.1. All notices herein required shall be in writing, and delivered in person or sent by registered mail, postage prepaid.



7.2. Notices required shall be given to the **District** addressed as follows:

WEST VALLEY WATER DISTRICT  
Attn: General Manager  
Post Office Box 920  
Rialto, CA 92377  
*RE: Water Improvement Plans for West Valley Logistics Center*

7.3. Notices required shall be given to **Developer** addressed as follows:

DEVELOPER NAME: IDIL WEST VALLEY LOGISTICS CENTER, LP  
ATTN TO: Brandon Dickens  
ADDRESS: 840 Apollo Street, Suite 343, El Segundo, CA 90245  
*RE: Water Improvement Plans for West Valley Logistics Center*

7.4. Notices required shall be given to **Surety** addressed as follows:

SURETY NAME:  
ATTN TO:  
ADDRESS  
*RE: Water Improvement Plans for West Valley Logistics Center*

7.5. Provided that any party or Surety may change such address by notice in writing to the other party, and thereafter, notices shall be addressed and transmitted to the new address.

7.6. The Developer or its contractor shall provide the District forty-eight (48) hours advance notice of request for inspection or testing.

7.7. The District is closed on the holidays listed in Exhibit "E".

**8. NOTICE TO PROCEED TO CONSTRUCT WATER SYSTEM FACILITIES**

8.1. Upon acceptance of the insurance and aforementioned bonds in the amounts provided herein and approval by the District and upon payment of all applicable charges, the Agreement shall be signed by Developer and the District. The District shall return an original copy of the signed Agreement with a letter to Developer giving notice to proceed to construct the water system facilities.

**9. INSPECTION**

9.1. It is understood that the sole purpose and intent of the District's inspection and testing is to validate that the materials, workmanship, and construction of the water facilities are in



compliance with the District-approved final plans, the District's Rules and Regulations, the Standards for Domestic Water Facilities, the Standard Drawings, and all other applicable District requirements. Developer acknowledges and represents that it assumes full and sole responsibility for the safety and management of the project.

9.2. Developer shall at all times maintain proper facilities and provide safe access for inspection by the District to all parts of the work and to the shops wherein the work is in preparation. Additionally, in connection with the performance of this Agreement, the District shall have the authority to enter the work site at any time for the purpose of identifying the existence of conditions, either actual or threatened, that may present a danger of hazard to any and all employees. Developer agrees that the District, in its sole authority and discretion, may order the immediate abatement of any and all conditions that may present an actual or threatened danger or hazard to any and all employees at the work site. Furthermore, Developer acknowledges the provisions of California *Labor Code* Section 6400 et seq., which requires that employers shall furnish employment and a place of employment that is safe and healthful for all employees working therein. In the event the District identifies the existence of any condition that presents an actual or threatened danger or hazard to any or all employees at the work site, the District is hereby authorized to order an immediate abatement of that condition.

9.3. All work and materials shall be subject to inspection, testing, and acceptance by the District at Developer's expense. In the event Developer arranges to have materials fabricated for the project, Developer may be required to arrange for the District to inspect that material during fabrication at Developer's expense.

9.4. All material fabrications shall be preapproved by the District and must conform to District standards and specifications.

9.5. The District's inspectors shall have full, unlimited access to perform continuous inspection and have the authority to stop work at any time, by written notice or verbal notice followed by written notice within three (3) working days, without any liability whatsoever to the District, if, in the inspectors' judgment, the work called for by this Agreement, or the District approved plans, or the specifications is not being installed or performed in a satisfactory and workmanlike manner according to District's standards and specifications and/or in the event the materials do not comply with the District's standards and specifications.

9.6. The Developer shall be responsible for insuring the pre-approved contractor performs work with District inspection. If work is done without District inspection, the Contractor shall be responsible for exposing any portion of work as directed by the District at their sole expense. The District will not provide permanent water services until all required inspections are completed and any requirements set forth by the District have been satisfied.

9.7. Final acceptance of all material to be purchased or fabricated by Developer under this Agreement shall be made only with the prior approval of the District. Approval by the District, however, shall not operate to relieve the material supplier or Developer of any guarantees, warranties, or the duty of compliance with any of the requirements of the approved plans and specifications or of this Agreement. All construction pursuant to this Agreement shall be inspected pursuant for conformity with District requirements. Developer shall pay actual costs for inspections.

## **10. TESTING AND DISINFECTION**

10.1. All water system facilities and components constructed pursuant to this Agreement shall adhere to all requirements for testing, disinfection, and flushing pursuant to District standards and Legal Requirements.

## **11. RELOCATIONS, RECONSTRUCTIONS, AND DAMAGES**

11.1. Developer accepts the responsibility for and the costs occasioned by any reconstruction, relocation, damages to, or changes of water services or facilities caused or contributed to directly or indirectly by any subsequent changes in the location of any of said facilities or water meters or water services.

## **12. AS-CONSTRUCTED DOCUMENTATION**

12.1. In order for the District to accept the facilities, Developer shall provide all required documentation as specified in the Standards for Domestic Water Facilities, including as-built drawings.

## **13. INDEMNIFICATION**

13.1. Developer hereby agrees to and shall protect, defend, indemnify and hold the District and its board members, officers, agents, employees, and engineers free and harmless from any and all liability losses, damages, claims, liens, demands and cause of action of every kind and character including, but not limited to, the amounts of judgments, penalties, interests, court costs, attorney's/legal fees, and all other expenses incurred by the District arising in favor of any party, including claims, liens, debts, demands for lost wages or compensation, personal injuries, including employees or the District, death or damages to property (including property of the District) and without limitation by enumeration, all other claims or demands of every character occurring or in any way incident to, in connection with or arising directly or indirectly out of the obligations herein undertaken or out of the operations conducted by Developer save and except claims or litigation arising through the sole negligence or sole willful misconduct of the District or the District's agents and employees. Developer shall investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at the sole expense of Developer even if the claim or claims alleged are groundless, false or fraudulent. Developer agrees to, and shall defend the District and its members, directors, officers, agents, employees, and engineers from any suits or actions at law or in equity for damages caused, or alleged to have been caused, by reason of any of the aforesaid operations, provided as follows:

a. That the District does not and shall not waive any rights against Developer which it may have by reason of the aforesaid hold harmless agreement, because of the acceptance by the District, or the deposit with District by Developer, or any of the insurance policies described in this Agreement.

b. That the aforesaid hold harmless agreement by Developer shall apply to all damages and claims for damages of every kind suffered, or alleged to have been suffered, by reason of any or the aforesaid operations referred to in this subsection, regardless of whether or not District has prepared, supplied water system installation, or regardless of whether or not such insurance policies shall have been determined to be applicable to any such damages or claims for damages.

This provision is not intended to create any cause of action in favor of any third party against Developer or the District or to enlarge in any way Developer's liability but is intended solely to provide for indemnification of the District from liability for damage or injuries to third persons or property arising from Developer's performance hereunder.

13.2. Neither Developer nor any of Developer's agents, contractors or subcontractors are, or shall be, considered to be agents of the District in connection with the performance of Developer's obligations under this Agreement.

## **14. REPAIR OR RECONSTRUCTION OF DEFECTIVE WORK**

14.1. If, within a period of two years after final acceptance of the work performed under this Agreement, any structure or part of any structure furnished and/or installed or constructed, or caused to be installed or constructed by Developer, or any of the work done under this Agreement, fails to fulfill any of the requirement of this Agreement or the specifications referred to herein, Developer shall, without delay and without any cost to District, repair or replace or reconstruct any defective or otherwise unsatisfactory part or parts of the work structure. Should Developer fail to act promptly or in accordance with this requirement, or should the exigencies of the situation as determined by the District in the exercise of its sole discretion require repair, replacement or reconstruction before Developer can be notified, District may, at its option, make the necessary repairs or replacements or perform the necessary work, and Developer shall pay to the District the actual cost of such repairs.

## **15. COSTS AND FEES**

15.1. Developer shall be responsible for all fees and deposits as required by the District. All fees and deposits shall be paid in full before construction can take place as outlined in the billing letter (provided separately).

15.2. Any additional costs and fees shall be paid in full prior to conveyance and acceptance of the water system.

## **16. CONVEYANCE AND ACCEPTANCE OF WATER SYSTEM**

16.1. Upon completion of the water system in accordance with the approved water plans and submission of the required documentation, the Developer shall convey the water system to the District.

16.2. The Developer shall be responsible for insuring the pre-approved contractor furnish a warranty bond (One Hundred (100%) of Contractor's cost proposal) for a period of two (2) years as stated in Sections 5.3 of this Agreement, as-built drawings with contractor redlines and

AutoCAD files, materials list with quantities, water system cost breakouts, compaction test report signed and sealed by a California Registered Engineer, notice of completion filed with County Recorder's office, fire flow tests of all hydrants, all required easements for water facilities and unconditional financial release from subcontractors and material providers. Upon compliance with all the terms and conditions of this Agreement, the District shall prepare the Bill of Sale accepting the water facilities and forward same to the address provided herein. Title to the ownership of said facilities and appurtenances shall thereby be conveyed to the District. The District shall thereafter operate and maintain said facilities so as to furnish water service to the development (Exhibit "A") in accordance with the District's ordinances, policies and Rules and Regulations.

## **17. PERMANENT WATER SERVICE**

17.1. In no event shall permanent water services be provided to Developer's installed system until all applicable charges and fees have been paid by Developer and all facilities have been conveyed, free of all encumbrances, to the District, including any easements which may be required. Such conveyance shall occur in a timely manner in accordance with the terms of this Agreement.

## **18. BREACH OR DEFAULT OF AGREEMENT**

18.1. If Developer refuses or fails to obtain prosecution of the work, or any severable part thereof, with such diligence as will insure its completion within the time specified, or any extension thereof, or fails to obtain completion of said work within such time, or if Developer should be adjudged as bankrupt, or Developer should make a general assignment for the benefit of Developer's creditors, or if a receiver should be appointed in the event of Developer's insolvency, or if Developer, or any of Developer's contractors, subcontractors, agents or employees, should violate any of the provisions of this Agreement, the District's General Manager or the General Manager's designee may serve written notice upon Developer and Developer's surety of breach of this Agreement, or of any portion therefore, and default of Developer.

18.2. In the event of any such notice, Developer's surety shall have the duty to take over and complete the work and the improvement herein specified; provided, however, that if the surety, within five (5) days after the serving upon of such notice of breach, does not give the District written notice of its intention to take over the performance of the contract, and does not commence performance thereof within five (5) days after notice to the District of such election, District may take over the work and prosecute the same to completion, by contract or by any other method District may deem advisable, for the account and at the expense of Developer, and Developer's surety shall be liable to the District for any excess cost or damages occasioned District thereby; and, in such event, District, without liability for so doing, may take possession of, and utilize in completing the work, such materials, appliances, plant and other property belonging to Developer as may be on the site of the work and necessary therefore.

[CONTINUED ON NEXT PAGE]

**19. SUCCESSORS BOUND**

19.1. This Agreement shall be binding upon and inure to the benefit of each of the parties and their respective legal representatives, successors, heirs, and assigns.

**20. ENFORCEMENT OF PROVISIONS**

20.1. The District's failure to enforce any provisions of this Agreement or the waiver thereof in any instance shall not be construed as a general waiver or relinquishment on its part of any such provision, but the same shall nevertheless be and remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto execute this Agreement.

**WEST VALLEY WATER DISTRICT**

By: \_\_\_\_\_  
John Thiel, General Manager

Date: \_\_\_\_\_

**DEVELOPER:**

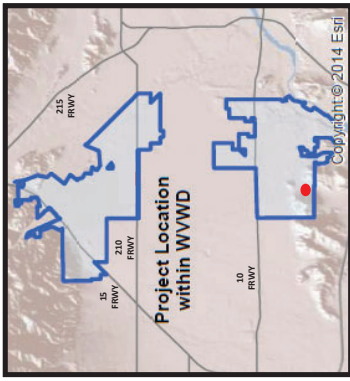
**By: IDIL WEST VALLEY LOGISTICS CENTER, LP  
a Delaware limited partnership**

By: \_\_\_\_\_  
Charles McPhee, SVP and Regional Director

Date: \_\_\_\_\_

# Exhibit A





**Exhibit A**  
**WEST VALLEY LOGISTICS CENTER**



# Exhibit B

(approved plans to be  
provided at a later date)



# WEST VALLEY WATER DISTRICT RIALTO, CALIFORNIA DRAWINGS FOR THE REHABILITATION OF RESERVOIR 2-3

OCTOBER 2023

### BOARD OF DIRECTORS

Greg Young (Division 5)  
 Dan Jenkins (Division 2)  
 Angela Garcia (Division 1)  
 Kelvin Moore (Division 3)  
 Channing Hawkins (Division 4)

### DISTRICT ADMINISTRATION

John Thiel General Manager  
 Joanne Chan Director of Operations  
 Linda Jadeski Director of Engineering  
 Rosa M. Gutierrez, P.E. Senior Engineer - C.I.P.

SUBMITTED BY:  
 ENGINEERING RESOURCES OF SOUTHERN CALIFORNIA, INC.

JOANNA REMBIS, P.E., RCE 75535

DATE



### SHEET INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES, LEGEND, LOCATION & VICINITY MAPS
3	RESERVOIR LAYOUT AND CONSTRUCTION NOTES
4	DETAIL SHEET - INLET, DRAIN, SAFETY GATE, ROOF VENT, INTERIOR LADDER
5	DETAIL SHEET - FALL RESTRAINT SYSTEM, OVERFLOW, INLET/OUTLET

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES AND THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS EMPLOYED BY THE CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONS EMPLOYED BY THE CONTRACTOR, INCLUDING THE CONTRACTOR'S OWN PERSONNEL, AND SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF WORK ON THIS PROJECT, INCLUDING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONALS.

Underground Service Alert



Call TOLL FREE  
 1-800-422-4133

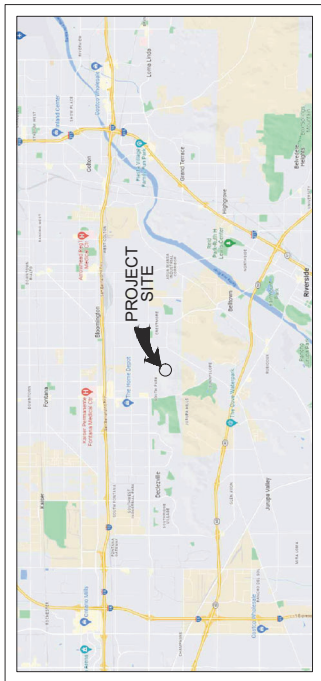
APPROVED

No.	By	Date	Approved

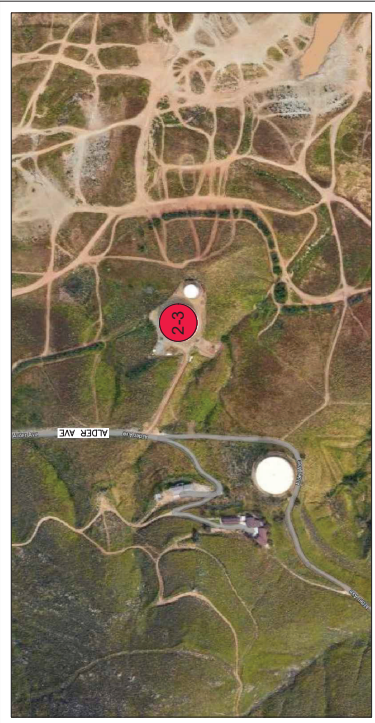
1845 W. Redondo Blvd., Bldg. 78  
 P: (909) 890-2555  
 F: (909) 890-6959  
**ERSC**  
 Engineering Resources of Southern California

WEST VALLEY WATER DISTRICT  
 RESERVOIR 2-3 REHABILITATION  
 TITLE SHEET  
 SHEET 1 OF 5  
 SHEETS 10/2023

6.8.a



VICINITY MAP - RESERVOIR 2-3 SITE  
NTS



LOCATION MAP - RESERVOIR 2-3 SITE  
NTS

**ABBREVIATIONS**

AC	ASPHALT CONCRETE	MG	MILLION GALLONS
AMG	AMERICAN WIRE GAUGE	MIN.	MINIMUM
BFV	BUTTERFLY VALVE	NO.	NUMBER
C.C.	CENTER CENTER	NTS	NOT TO SCALE
CM/C	CEMENT MORTAR LINED & MORTAR COATED STEEL PIPE	O.C.	ON CENTER OVERFLOW
COL	COLUMN CENTER	PL	PLATE OR PROPERTY LINE
CR	CURB	PSI	POUNDS PER SQUARE INCH
DIA.	DIAMETER	R	RADIUS
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DWG	DRAWING	RHD	RUBBER HIGH HEAT-WATER RESISTANT
E	EAST	S	SCHEDULE
EA	ELEVATION	SO	SOFT
EW	EXHAUST	STL	STEEL
FL	FLOWLINE	SQ.	SQUARE
FLG	FLANGE	STD	STANDARD
FTG	FOOTING	THK	THICK
GC	GATE VALVE	TYP.	TYPICAL
GM	GROUT	W	WITH
HMW/PE	HIGH MOLECULAR WEIGHT/POLYETHYLENE	W/O	WITHOUT
HSS	HOLLOW STRUCTURAL STEEL	WF	WATER VALVE
LF	LINEAR FEET		
LG	LONG		

**CONSTRUCTION NOTES:**

- CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE PROJECT AND THE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONS AND PROPERTY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPORT DISCREPANCIES IN PLANS AND/OR FIELD CONDITIONS IMMEDIATELY TO WWD PROJECT ENGINEER OR ON-SITE INSPECTOR FOR RESOLUTION PRIOR TO CONSTRUCTION, AND SHALL BE RESPONSIBLE FOR DISCREPANCIES NOT SO REPORTED AND RESOLVED.
- THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE FACILITIES AND UTILITIES SHOWN, AND ANY OTHER UTILITY LINES OR STRUCTURES NOT SHOWN ON THESE PLANS, AND IS RESPONSIBLE FOR ANY DAMAGE TO THESE LINES OR STRUCTURES.
- CONTRACTOR TO NOTE THAT THE RESERVOIR 2-3 SITE IS AN ACTIVE WWD FACILITY. CONTRACTOR TO PROVIDE SAFE ACCESS TO PROJECT SITE FOR WWD STAFF AND REPRESENTATIVES AT ALL TIMES. CONTRACTOR TO ABIDE BY WWD STAFF RULES AND DIRECTIONS AS TO NOT INTERFERE WITH NORMAL OPERATIONS AT THE RESERVOIR SITE.
- THE CONTRACTOR SHALL HAVE COPIES OF THE PLANS AND SPECIFICATIONS FOR THIS PROJECT ON THE PROJECT SITE AT ALL TIMES, AND SHALL BE FAMILIAR WITH ALL APPLICABLE STANDARDS AND SPECIFICATIONS.
- SANITARY FACILITIES SHALL BE MAINTAINED ON-SITE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN DUST CONTROL AT ALL TIMES. DUST SHALL BE CONTROLLED BY APPLICABLE GOVERNMENT STANDARDS.
- OPERATION OF ALL VALVES AND PUMPS ON THE WWD SYSTEM SHALL BE PERFORMED BY WEST VALLEY WATER DISTRICT. COORDINATE ALL VALVE OPERATIONS AT LEAST SEVEN (7) DAYS IN ADVANCE.
- CONTRACTOR SHALL BE REQUIRED TO SECURE THE PROJECT SITE DURING THE DURATION OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ON-SITE SECURITY DURING PROJECT AFTER HOURS.
- CONTRACTOR SHALL CONTACT WWD FOR THE APPLICATION OF A TEMPORARY WATER METER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF THE WATER METER THAT IS NOT OBTAINED THROUGH THE USE OF THE CONSTRUCTION WATER METER.
- CONTRACTOR SHALL PROVIDE TEMPORARY ON-SITE ELECTRICAL POWER FOR THE USE OF CONSTRUCTION ACTIVITIES.
- PROJECT WORKING HOURS ARE FROM 8:00 AM TO 4:00 PM WEEKDAYS OR AS REQUIRED BY THE PERMITS. NO WORK IS ALLOWED ON WEEKENDS OR HOLIDAYS WITHOUT THE WRITTEN PERMISSION OF THE WWD PROJECT ENGINEER. WWD WILL NOT BE RESPONSIBLE FOR REIMBURSEMENT TO WWD FOR REQUESTED WORK ON WEEKENDS AND HOLIDAYS FOR WWD INSPECTION AND/OR OPERATION PERSONNEL COSTS.
- BMP TO BE KEPT ON-SITE AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT BY CONTRACTOR.

CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF THE PROJECT AND THE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL PERSONS AND PROPERTY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT. ACCEPTING LIABILITY ARISING FROM THE SOLE RESPONSIBILITY OF DESIGN PROFESSIONAL.

Underground Service Alert  
Call TOLL FREE  
1-800-422-4133  
1-800-422-4133  
1-800-422-4133

No.	By	Date	Approved

Designd	JR/ANS	Checked	JR	Scale	AS SHOWN
Drawn	JR/ANS	Job No.	23001001	AS SHOWN	AS SHOWN

1841 W. Redondo Blvd., Bldg. 79  
P: (909) 890-2552  
F: (909) 890-6999

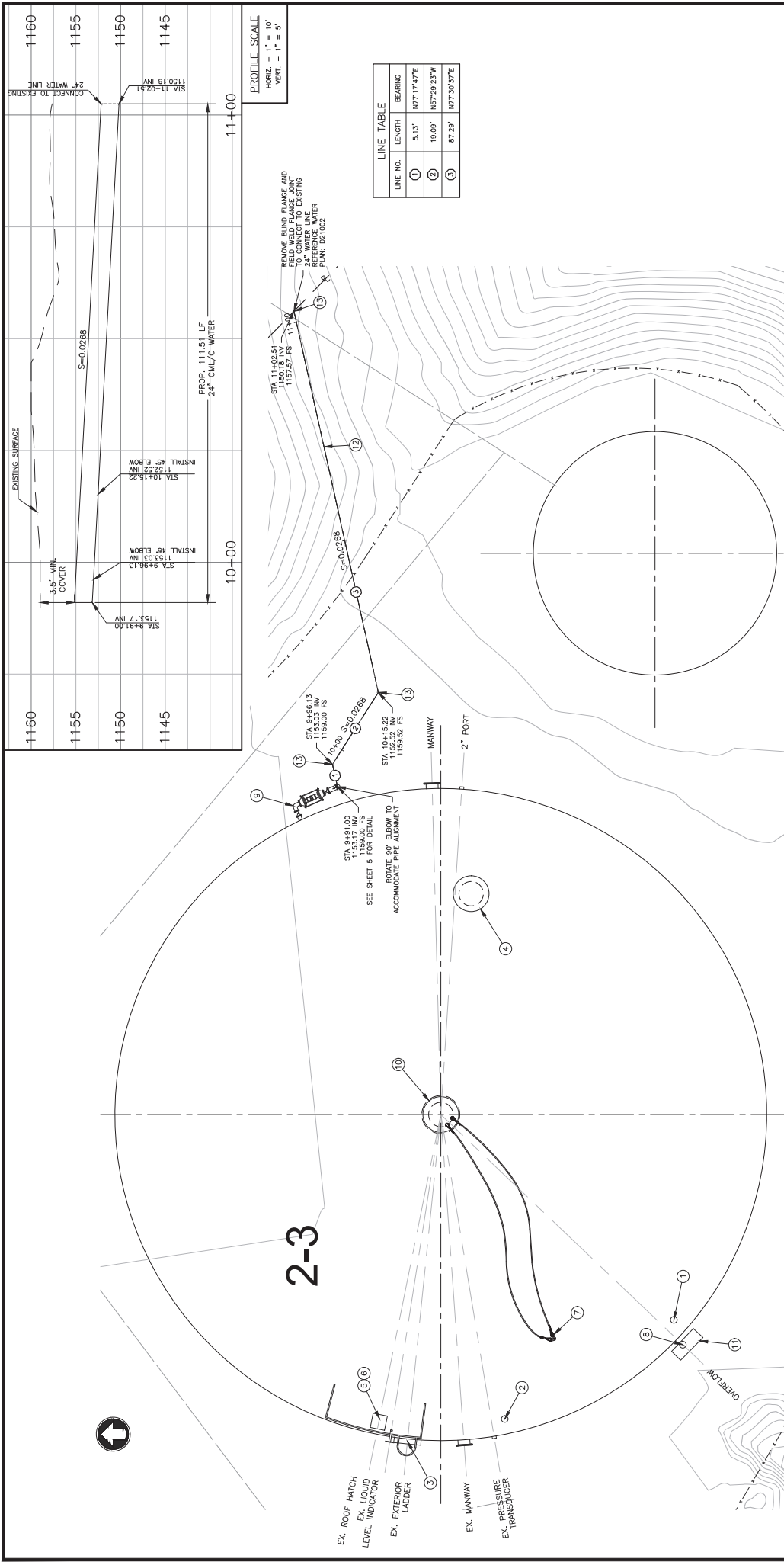
WEST VALLEY WATER DISTRICT  
RESERVOIR 2-3 REHABILITATION  
GENERAL NOTES, LEGEND,  
LOCATION AND VICINITY

SHEET  
2 OF 5  
SHEETS  
WV23001001



Engineering Resource of Southern California

**6.8.a**



LINE NO.	LENGTH	BEARING
①	5.13'	N77°17'47"E
②	19.09'	N57°29'23"W
③	87.29'	N77°30'37"E

**CONSTRUCTION NOTES:**

- ⑥ REMOVE AND DISPOSE OF THE EXISTING OVERFLOW AND INSTALL A NEW OVERFLOW AND CATCH BASIN PER DETAIL ON SHEET 5.
- ⑦ FURNISH AND INSTALL A NEW INLET/OUTLET ASSEMBLY PER DETAIL ON SHEET 5.
- ⑧ FURNISH AND INSTALL A NEW CENTER VENT SCREENING.
- ⑨ FURNISH AND INSTALL A NEW SHELL DRAIN.
- ⑩ FURNISH AND INSTALL NEW 24" CML/C FULLY WELDED PIPELINE CLASS 150 (8 GA).
- ⑪ 45° ELBOW

**CONSTRUCTION NOTES:**

- ① REMOVE THE BOTTOM DRAIN, PLATE OVER THE OPENING, AND ABANDON IN PLACE PER DETAIL 1 ON SHEET 4.
- ② REMOVE THE EXISTING BOTTOM INLET, PLATE OVER THE OPENING, AND ABANDON IN PLACE PER DETAIL 2 ON SHEET 4.
- ③ FURNISH AND INSTALL A NEW SAFETY GATE AT THE TOP OF THE EXTERIOR LADDER PER DETAIL 3 ON SHEET 4.
- ④ FURNISH AND INSTALL A NEW 24" AUXILIARY ROOF VENT PER DETAIL 4 ON SHEET 4.
- ⑤ REMOVE AND DISPOSE OF THE INTERIOR LADDER AND INSTALL A NEW INTERIOR LADDER PER DETAIL 5 ON SHEET 4.
- ⑥ FURNISH AND INSTALL A NEW SAF-T-CRIMP ON THE INTERIOR LADDER PER DETAIL 5 SHEET 4.
- ⑦ FURNISH AND INSTALL A NEW ROOF FALL RESTRAINT SYSTEM PER DETAIL 6 ON SHEET 5.

**RESERVOIR 2-3 LAYOUT**  
NTS



		1881 W. Redondo Blvd., Bldg. 79 P: (310) 800-1555 F: (310) 800-0695	
Engineering Resource of Southern California		WEST VALLEY WATER DISTRICT RESERVOIR 2-3 REHABILITATION RESERVOIR LAYOUT AND CONSTRUCTION NOT	
SHEET <b>3 OF 5</b>		SHEETS 3 OF 5	
DATE _____		SCALE AS SHOWN	
DESIGNED _____		CHECKED _____	
DRAWN _____		JOB NO. 23001001	
REVISION _____		APPROVED _____	
Underground Service Alert Call TOLL FREE 1-800-422-4133 			
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES AND THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AGENCIES OF THE STATE OF CALIFORNIA.			





# Exhibit C

(to be provided at later date)

# Exhibit D



**ESTABLISHED AS A PUBLIC AGENCY IN 1952**

WEST VALLEY WATER DISTRICT'S MISSION IS TO PROVIDE A RELIABLE,  
SAFE-DRINKING WATER SUPPLY TO MEET OUR CUSTOMERS' PRESENT  
AND FUTURE NEEDS AT A REASONABLE COST AND TO PROMOTE  
WATER-USE EFFICIENCY AND CONSERVATION.

## 2023 HOLIDAY LIST

MONDAY, JANUARY 2	NEW YEAR'S DAY
MONDAY, JANUARY 16	MARTIN LUTHER KING, JR.
MONDAY, FEBRUARY 20	PRESIDENT'S DAY
MONDAY, MAY 29	MEMORIAL DAY
TUESDAY, JULY 4	INDEPENDENCE DAY
MONDAY, SEPTEMBER 4	LABOR DAY
FRIDAY, NOVEMBER 10	VETERANS DAY (OBSERVED)
THURSDAY, NOVEMBER 23	THANKSGIVING
FRIDAY, NOVEMBER 24	DAY AFTER THANKSGIVING
MONDAY, DECEMBER 25	CHRISTMAS EVE
TUESDAY, DECEMBER 26	CHRISTMAS
MONDAY, JANUARY 1	NEW YEAR'S EVE (2024)





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Linda Jadeski, Director of Engineering  
**SUBJECT:** AGREEMENT WITH SAN BERNARDINO COUNTY FOR A  
 PERMANENT EMERGENCY INTERCONNECTION AT GLEN HELEN

---

**MEETING HISTORY:**

11/21/23      Engineering, Operations and Planning Committee      REFERRED TO BOARD

**DISCUSSION:**

West Valley Water District (District) and San Bernardino County (County) are seeking to construct a permanent emergency interconnection (interconnection) that will replace the current temporary interconnection adjacent Glen Helen Parkway. The County is seeking an emergency secondary source of domestic water to serve Glen Helen in the event that the County's wells within Glen Helen Regional Park cannot supply sufficient water to meet demand.

The County will prepare detailed plans and specifications for the interconnection for District review and approval prior to construction of the interconnection. The County will also advertise, award, and administer the construction contract and pay 100% of the costs associated with the interconnection. Attached as **Exhibit A** is a copy of the Agreement for Permanent Emergency Interconnection (agreement), which outlines the responsibilities of the District and the County, both financially and contractually with respect to the project. A separate 3-party agreement will be prepared detailing the cost and delivery of the emergency secondary source of supply.

**FISCAL IMPACT:**

If the agreement is approved, there will be no fiscal impact to the District. The County shall bear one hundred percent (100%) of the costs associated with the construction of the interconnection.

**STAFF RECOMMENDATION:**

Staff recommends that the Board of Directors:

1. Authorize entering into an Agreement with San Bernardino County for a Permanent Emergency Interconnection.
2. Authorize the General Manager to execute all necessary documents.

Respectfully Submitted,

---

Lizett Santoro, Engineering Specialist II

LJ:ls

**ATTACHMENT(S):**

1. Exhibit A - Agreement

# EXHIBIT A

THE INFORMATION IN THIS BOX IS NOT A PART OF THE CONTRACT AND IS FOR COUNTY USE ONLY



Contract Number

\_\_\_\_\_

SAP Number

\_\_\_\_\_

### San Bernardino County

Department Contract Representative Don Day  
Telephone Number (909) 387-5224

Contractee West Valley Water District  
Contractee Representative Linda Jadeski  
Telephone Number (909) 820-3713  
Contract Term Until Completion of Project  
Original Contract Amount N/A  
Amendment Amount N/A  
Total Contract Amount N/A  
Cost Center \_\_\_\_\_

IT IS HEREBY AGREED AS FOLLOWS:

**AGREEMENT  
BETWEEN  
WEST VALLEY WATER DISTRICT  
AND  
SAN BERNARDINO COUNTY**

This Agreement (the "Agreement") is entered into by and between the West Valley Water District, a public agency of the State of California ("WVWD") and San Bernardino County ("COUNTY"). WVWD and COUNTY are hereafter referred to individually as a "Party" and collectively as the "Parties."

**RECITALS**

- A. COUNTY is a public agency providing water service to certain real property owned by San Bernardino County and depicted on Exhibit "A" attached hereto and by this reference incorporated herein ("Glen Helen").
- B. WVWD is a public agency of the State of California formed and operating under the County Water District Law pursuant to California Water Code Section 30000 et seq. authorized to provide water service within its boundaries.

- C. COUNTY has requested construction of a permanent emergency interconnection between the Glen Helen Water System and WVWD to provide domestic water to the Glen Helen Water System (hereinafter referred to as the "PROJECT" and/or "Emergency Interconnection Facilities").
- D. The PROJECT site is located within the unincorporated area of Glen Helen.
- E. The total PROJECT cost is estimated to be \$1,750,000.
- F. COUNTY and WVWD desire to set forth each Party's responsibilities and obligations regarding the design, construction, and funding of the PROJECT.

NOW, THEREFORE, IT IS MUTUALLY AGREED as follows:

1.0 COUNTY AGREES TO:

- 1.1 Establish the scope of the PROJECT, subject to WVWD approval.
- 1.2 Provide the PROJECT design and detailed construction plans and specifications (Plans) for WVWD's review and approval prior to construction of the PROJECT. Design shall be by a professional engineer registered in the State of California, done in accordance with the WVWD most recent Rules and Regulations and the WVWD's Standards for Domestic Water Facilities and Standard Drawings.
- 1.3 Act as the lead agency for any California Environmental Quality Act (CEQA) review and compliance.
- 1.4 Construct or cause the construction of the PROJECT in accordance with the approved Plans and at no cost to WVWD.
- 1.5 Pay one hundred percent (100%) of design and construction services and related costs.
- 1.6 Designate a representative who shall have the authority to discuss and attempt to resolve issues concerning the PROJECT with WVWD.
- 1.7 Own and maintain the Emergency Interconnection Facilities, including but not limited to the water meter. COUNTY, at its sole cost, shall annually test and calibrate said meter to within industry standards and provide such records to WVWD. COUNTY, at its sole cost, shall replace the meter as necessary.
- 1.8 Water delivered shall be measured and recorded at the interconnection by a water meter with the capacity of accurately measuring flow and totalizing volume.
- 1.9 Arrange for relocation of all utilities which interfere with construction of the PROJECT, subject to paragraph 3.10 below.
- 1.10 Advertise, award, and administer the construction of the PROJECT, in accordance with the provisions of the California Public Contract Code applicable to COUNTY and Labor Code Sections 1720 et seq. and 1770 et seq. regarding prevailing wages.
- 1.11 Utilize a contractor or subcontractor who is licensed under the laws of the State of California in the specialty Class of "C-34" Pipeline or Class "A" General Engineering.
- 1.12 Require its contractors to maintain and to comply throughout the term of any contract awarded by COUNTY with the insurance requirements described in COUNTY requirements.
- 1.13 Provide adequate inspection of all items of work performed under the construction contract(s) with COUNTY's contractors or subcontractors for the PROJECT and maintain adequate records of inspection and materials testing for review by WVWD. COUNTY shall provide copies of any records of inspection and materials testing to WVWD within ten (10) days of COUNTY's receipt of written demand from WVWD for such records. This shall be included as a PROJECT cost. COUNTY shall maintain these records for a period of three (3) years following completion of the PROJECT.
- 1.14 File a notice of completion with the San Bernardino County Recorder.
- 1.15 Provide all required easements for the Emergency Interconnection Facilities if any.

2.0 WVWD AGREES TO:

- 2.1 Review and approve in writing, within a reasonable time after submittal to WVWD, all design and detailed construction documents, specifications, and plans prepared by or on behalf of COUNTY prior to the beginning of the PROJECT. WVWD's review and approval of the plans and other documents shall not be deemed to be a representation or warranty as to compliance, or noncompliance, of any work with applicable laws, rules and regulations.
- 2.2 Approve or disapprove the Plans within a reasonable time after submittal to WVWD. In the event WVWD disapproves the Plans, COUNTY shall modify the Plans in accordance with the reasons given for disapproval and shall resubmit the revised Plans to WVWD for further review and approval. The foregoing review and approval procedure shall be continued until the Plans are approved by WVWD.
- 2.3 Own, operate and maintain the WVWD water infrastructure on WVWD's side of the Emergency Interconnection Facilities.
- 2.4 Open the valve at the Emergency Interconnection Facilities and provide water upon receipt of such request. WVWD shall have exclusive control over the opening and closing of the valves at the Emergency Interconnection.

3.0 IT IS MUTUALLY AGREED:

- 3.1 Parties shall require all contractors to comply with any and all applicable State wage and hour laws for the PROJECT.
- 3.2 The Parties hereby acknowledge that neither the Parties nor any employees of the Parties shall have any control over the method or means by which the contractor and its agents and employees perform the services contemplated in the PROJECT.
- 3.3 Notwithstanding any other provision of this Agreement, COUNTY may delegate or assign any or all of its obligations under Sections 1.1 through 1.15 to a third party selected by COUNTY in its sole discretion, provided that COUNTY shall remain responsible for compliance with such obligations as between WVWD and COUNTY.
- 3.4 Parties agree that there shall be no discrimination against or segregation of, any person or group of persons on account of any impermissible classification including, but not limited to, race, color, creed, religion, sex, marital status, sexual orientation, national origin, or ancestry in the performance of this Agreement. The Parties shall ensure their employees and the contractor's employees and agents are treated during employment without regard to their race, color, creed, religion, sex, marital status, sexual orientation, national origin, or ancestry.
- 3.5 COUNTY agrees to indemnify, defend (with counsel approved by WVWD), and hold harmless WVWD and its officers, employees, agents, and volunteers from any and all claims, actions or losses, damages, and/or liability resulting from COUNTY's negligent acts or omissions which arise from COUNTY's performance of its obligations under this Agreement.
- 3.6 WVWD agrees to indemnify, defend (with counsel approved by COUNTY), and hold harmless COUNTY and its officers, employees, agents and volunteers from any and all claims, actions, losses, damages and/or liability resulting from WVWD's negligent acts or omissions which arise from WVWD's performance of its obligations under this Agreement.
- 3.7 In the event the COUNTY and/or WVWD is found to be comparatively at fault for any claim, action, loss or damage which results from their respective obligations under the Agreement, the COUNTY and/or WVWD shall indemnify the other to the extent of its comparative fault.
- 3.8 In the event of litigation arising from this Agreement, each Party to the Agreement shall bear its own costs, including attorney(s) fees. This paragraph shall not apply to the costs or attorney(s) fees relative to paragraphs 3.5, 3.6, and 3.7.
- 3.9 COUNTY and WVWD are authorized self-insured public entities for purposes of Professional Liability, Automobile Liability, General Liability and Worker's Compensation, and warrant that through their respective programs of self-insurance

- they have adequate coverage or resources to protect against liabilities arising out of COUNTY and WVWD's performance of the terms, conditions or obligations of this Agreement.
- 3.10 In the case wherein one of the Parties owns a utility that needs to be relocated for the PROJECT and that Party does not have prior rights for that utility, it will be the sole responsibility of COUNTY to relocate the utility at the COUNTY's cost. This shall be included as a PROJECT cost.
- 3.11 This Agreement may be cancelled/terminated without cause upon thirty (30) days advance written notice of either Party, provided however, that neither Party may cancel/terminate this Agreement without cause after COUNTY awards a contract to construct the PROJECT. In the event of cancellation/termination as provided herein, all PROJECT expenses incurred prior to the effective date of cancellation/termination shall be paid by the COUNTY. The Parties recognize and agree that the provisions governing utility relocation and construction are dependent upon the Parties first satisfying CEQA. As provided in this paragraph, the Agreement may be cancelled with or without cause, before, during and after CEQA review/approval.
- 3.12 If either WVWD or COUNTY breaches any provision of this Agreement, the non-breaching party may give written notice to the breaching party by registered or certified mail detailing the breaching party's violations. If such violation is not corrected within 30 days from the date of the notice of violation or a reasonable period of time as may be required to cure the violation, whichever occurs last, the non-breaching party may, without further notice, declare the breaching party to be in breach of this Agreement. Upon such declaration, the non-breaching party may pursue any remedy available under local, state or federal law. This provision does not waive any applicable Government Code requirements concerning the presentation and consideration of claims.
- 3.13 Except for the Parties' indemnification obligations contained herein which shall survive termination, this Agreement shall terminate upon completion, and acceptance by WVWD, of the WVWD water infrastructure on WVWD's side of the Emergency Interconnection Facilities.
- 3.14 This Agreement contains the entire agreement of the Parties with respect to subject matter hereof, and supersedes all prior negotiations, understandings or agreements. No supplement, modification, or amendment of this Agreement shall be binding unless executed in writing and signed by both Parties.
- 3.15 This Agreement shall be governed by the laws of the State of California. Any action or proceeding between WVWD and COUNTY concerning the interpretation or enforcement of this Agreement, or which arises out of or is in any way connected with this Agreement or the PROJECT, shall be instituted and tried in the appropriate state court, located in the County of San Bernardino, California.
- 3.16 Time is of the essence for each and every provision of this Agreement.
- 3.17 Since the Parties or their agents have participated fully in the preparation of this Agreement, the language of this Agreement shall be construed simply, according to its fair meaning, and not strictly for or against any Party. The captions of the various articles and paragraphs are for convenience and ease of reference only, and do not define, limit, augment, or describe the scope, content, or intent of this Agreement.
- 3.18 No waiver of any default shall constitute a waiver of any other default or breach, whether of the same or other covenant or condition. No waiver, benefit, privilege, or service voluntarily given or performed by a Party shall give the other Party any contractual rights by custom, estoppel, or otherwise.
- 3.19 If a court of competent jurisdiction declares any portion of this Agreement invalid, illegal, or otherwise unenforceable, the remaining provisions shall continue in full force and effect, unless the purpose of this Agreement is frustrated.
- 3.20 No amendment to or modification of this Agreement shall be valid unless made in writing and approved by all Parties. The Parties agree that this requirement for

- 3.21 written modifications cannot be waived and that any attempted waiver shall be void. With the exception of the specific provisions set forth in this Agreement, there are no intended third-party beneficiaries under this Agreement and no such other third parties shall have any rights or obligations hereunder.
- 3.22 All privileges and immunities of the Parties provided by state or federal law shall remain in full force and effect.
- 3.23 This Agreement will be effective on the date signed and approved by both Parties.
- 3.24 The Recitals are incorporated into the body of this Agreement.
- 3.25 This Agreement shall inure to the benefit of and be binding upon the successors and assigns of both Parties.
- 3.26 This Agreement may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, and such counterparts shall together constitute one and the same Agreement. The parties shall be entitled to sign and transmit an electronic signature of this Agreement (whether by facsimile, PDF or other email transmission), which signature shall be binding on the party whose name is contained therein. Each party providing an electronic signature agrees to promptly execute and deliver to the other party an original signed Agreement upon request.

**IN WITNESS WHEREOF**, the San Bernardino County and West Valley Water District have each caused this Agreement to be subscribed by its respective duly authorized officers, on its behalf.

SAN BERNARDINO COUNTY

►  
 \_\_\_\_\_  
 Dawn Rowe, Chair, Board of Supervisors

Dated: \_\_\_\_\_  
 SIGNED AND CERTIFIED THAT A COPY OF THIS DOCUMENT HAS BEEN DELIVERED TO THE CHAIRMAN OF THE BOARD

Lynna Monell  
 Clerk of the Board of Supervisors  
 San Bernardino County

B  
 y \_\_\_\_\_  
 Deputy

WEST VALLEY WATER DISTRICT

\_\_\_\_\_  
*(Print or type name of corporation, company, contractor, etc.)*  
 B  
 y ► \_\_\_\_\_  
*(Authorized signature - sign in blue ink)*

Name \_\_\_\_\_  
*(Print or type name of person signing contract)*

Title \_\_\_\_\_  
*(Print or Type)*

Dated: \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_

**FOR COUNTY USE ONLY**

Approved as to Legal Form  
 \_\_\_\_\_  
 Aaron Gest, Deputy County Counsel  
 Date \_\_\_\_\_

Reviewed for Contract Compliance  
 \_\_\_\_\_  
 Date \_\_\_\_\_

Reviewed/Approved by Department  
 \_\_\_\_\_  
 Date \_\_\_\_\_



444 S. Flower Street  
Suite 1800  
Los Angeles, CA 90071 USA  
Ph: 213-489-0028 Fax 213-489-0552  
:

*Ivie McNeill Wyatt Purcell & Diggs*

September 30, 2023

Inv #: 750374  
File #: 800700  
8

WEST VALLEY WATER DISTRICT  
855 w. Base Line Rd  
Rialto, CA 92377

RE: West Valley Water District

For Legal Services Rendered September, 2023

<b>Total Fee</b>	<b>\$1,490.00</b>
<b>Total Disbursements</b>	<b>\$2,179.34</b>
<b>Total Invoice</b>	<b>\$3,669.34</b>
<b>Balance Due Now</b>	<b>\$3,669.34</b>



*OK*  
*11/16/2023*  
*[Signature]*

Rodney S. Diggs, Esq.  
E. & O. E.

Tax ID Number 95-2689585

444 S. Flower Street  
Suite 1800  
Los Angeles, CA 90071 USA  
Ph: 213-489-0028 Fax 213-489-0552  
:

*Ivie McNeill Wyatt Purcell & Diggs*

October 31, 2023

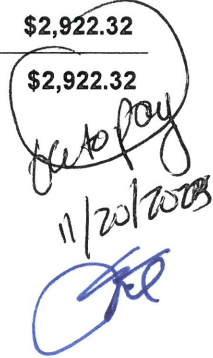
Inv #: 750630  
File #: 8007008

WEST VALLEY WATER DISTRICT  
855 w. Base Line Rd  
Rialto, CA 92377

RE: West Valley Water District

For Legal Services Rendered October, 2023

<b>Total Fees</b>	<b>\$1,810.00</b>
<b>Total Disbursements</b>	<b>\$1,112.32</b>
<b>Total Invoice</b>	<b>\$2,922.32</b>
<b>Balance Due Now</b>	<b>\$2,922.32</b>



Rodney S. Diggs, Esq.  
E. & O. E.

Tax ID Number 95-2689585

444 S. Flower Street  
Suite 1800  
Los Angeles, CA 90071 USA  
Ph: 213-489-0028 Fax 213-489-0552

*Ivie McNeill Wyatt Purcell & Diggs*

October 31, 2023

Inv #: 750631  
File #: 8007007

WEST VALLEY WATER DISTRICT  
855 w. Base Line Rd  
Rialto, CA 92377

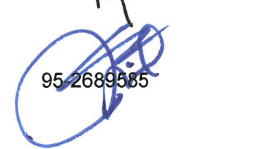
RE: West Valley Water District

For Legal Services Rendered October, 2023

<b>Total Fees</b>	<b>\$125.00</b>
<b>Total Disbursements</b>	<b>\$47.26</b>
<b>Total Invoice</b>	<del><b>\$172.26</b></del>
<b>Balance Due Now</b>	<b>\$172.26</b>



Rodney S. Diggs, Esq.  
E. & O. E.

*the to pay*  
*11/20/2023*  


Tax ID Number 95-2689585

**LCW** LIEBERT CASSIDY WHITMORE

A PROFESSIONAL LAW CORPORATION

6033 W. Century Boulevard  
5<sup>th</sup> Floor  
Los Angeles, CA 90045  
310-981-2000  
Fed. Tax I.D. #95-3658973

Attorney – Client Privilege

**West Valley Water District**  
**Haydee Sainz**  
**Human Resources & Risk Management Manager**  
**hsainz@wvwd.org**

Invoice 253915  
October 31, 2023

Client/Matter No.: WE126-00012

**Billing Summary**

**Total Fees**  
**Total Costs**  
**Total Charges**

\$1,658.50
\$0.00
\$1,658.50

*OK TO PAY*  
*11/20/23*  
*[Signature]*

**LCW** LIEBERT CASSIDY WHITMORE

A PROFESSIONAL LAW CORPORATION

6033 W. Century Boulevard  
5<sup>th</sup> Floor  
Los Angeles, CA 90045  
310-981-2000  
Fed. Tax I.D. #95-3658973

Attorney – Client Privilege

**West Valley Water District**  
**Haydee Sainz**  
**Human Resources & Risk Management Manager**  
**hsainz@wvwd.org**

Invoice 253903  
October 31, 2023

Client/Matter No.: WE126-00011

**Billing Summary**

Total Fees  
Total Costs  
Total Charges

\$587.00
\$0.00
\$587.00

*Ok to pay*  
*11/20/2023*  
*[Signature]*

**LCW** LIEBERT CASSIDY WHITMORE

A PROFESSIONAL LAW CORPORATION

6033 W. Century Boulevard  
5<sup>th</sup> Floor  
Los Angeles, CA 90045  
310-981-2000  
Fed. Tax I.D. #95-3658973

Attorney – Client Privilege

**West Valley Water District**  
**Haydee Sainz**  
**Human Resources & Risk Management Manager**  
**hsainz@wvwd.org**

Invoice 253892  
October 31, 2023

Client/Matter No.: WE126-00010

**Billing Summary**

**Total Fees**  
**Total Costs**  
**Total Charges**

\$7,134.00
\$0.00
\$7,134.00

*Handwritten notes:*  
Get pay 11/20/2023  
*(Signature)*

**LCW** LIEBERT CASSIDY WHITMORE

A PROFESSIONAL LAW CORPORATION

6033 W. Century Boulevard  
5<sup>th</sup> Floor  
Los Angeles, CA 90045  
310-981-2000  
Fed. Tax I.D. #95-3658973

Attorney – Client Privilege

**West Valley Water District**  
**Haydee Sainz**  
**Human Resources & Risk Management Manager**  
**hsainz@wvwd.org**

Invoice 253827  
October 31, 2023

Client/Matter No.: WE126-00007  
1

**Billing Summary**

Total Fees  
Total Costs  
Total Charges

\$588.50
\$0.00
\$588.50

*Ok to pay  
11/20/2023*

**LCW** LIEBERT CASSIDY WHITMORE

A PROFESSIONAL LAW CORPORATION

6033 W. Century Boulevard  
5<sup>th</sup> Floor  
Los Angeles, CA 90045  
310-981-2000  
Fed. Tax I.D. #95-3658973

Attorney – Client Privilege

**West Valley Water District**  
**Haydee Sainz**  
**Human Resources & Risk Management Manager**  
**hsainz@wvwd.org**

Invoice 253625  
October 31, 2023

Client/Matter No.: WE126-00001

**Billing Summary**

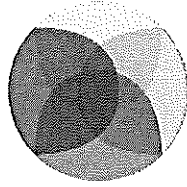
**Total Fees**  
**Total Costs**  
**Total Charges**

\$806.00
\$0.00
\$806.00

*Due to pay*  
*11/20/2023*  
*[Signature]*



Indian Wells  
(760) 568-2611  
Irvine  
(949) 263-2600  
Los Angeles  
(213) 617-8100  
Bend, OR  
(541) 382-3011



**BBK**  
BEST BEST & KRIEGER LLP  
ATTORNEYS AT LAW

3390 University Avenue, 5th Floor, P.O. Box 1028, Riverside, CA 92502  
Phone: (951) 686-1450 | Fax: (951) 686-3083 | www.bbklaw.com  
Tax ID # 95-2157337

Ontario  
(909) 989-8584  
Sacramento  
(916) 325-4000  
San Diego  
(619) 525-1300  
Walnut Creek  
(925) 977-3300  
Washington DC  
(202) 785-0600

ATTN: GENERAL MANAGER  
WEST VALLEY WATER DISTRICT  
855 W. BASELINE  
PO BOX 920  
RIALTO, CA 92377

October 9, 2023  
976916  
JEFF FERRE  
Page 1

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INVOICE SUMMARY

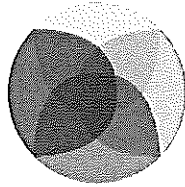
*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00001

Current Fees:	\$	4,900.00
Current Reimbursable Costs:	\$	23.58
Total Current Billings For This Matter:	\$	<u>4,923.58</u>

Invoice Due and Payable Upon Receipt

Indian Wells  
(760) 568-2611  
Irvine  
(949) 263-2600  
Los Angeles  
(213) 617-8100  
Bend, OR  
(541) 382-3011



**BBK**  
BEST BEST & KRIEGER LLP  
ATTORNEYS AT LAW

3390 University Avenue, 5th Floor, P.O. Box 1028, Riverside, CA 92502  
Phone: (951) 686-1450 | Fax: (951) 686-3083 | www.bbklaw.com  
Tax ID # 95-2157337

Ontario  
(909) 989-8584  
Sacramento  
(916) 325-4000  
San Diego  
(619) 525-1300  
Walnut Creek  
(925) 977-3300  
Washington DC  
(202) 785-0600

ATTN: GENERAL MANAGER  
WEST VALLEY WATER DISTRICT  
855 W. BASELINE  
PO BOX 920  
RIALTO, CA 92377

October 9, 2023  
976917  
JEFF FERRE  
Page 1

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INVOICE SUMMARY

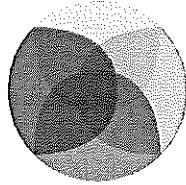
*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00100

Current Fees:	\$	1,425.00
Total Current Billings For This Matter:	\$	1,425.00

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October 9, 2023  
976918  
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Page 1

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INVOICE SUMMARY

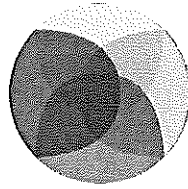
*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00200

Current Fees:	\$	6,706.50
Total Current Billings For This Matter:	\$	6,706.50

Invoice Due and Payable Upon Receipt

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855 W. BASELINE  
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October 9, 2023  
976919  
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Page 1

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### INVOICE SUMMARY

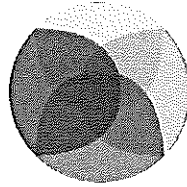
*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00201

Current Fees:	\$	269.50
Total Current Billings For This Matter:	\$	269.50

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855 W. BASELINE  
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October 9, 2023  
976920  
JEFF FERRE  
Page 1

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### INVOICE SUMMARY

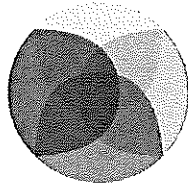
*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00202

Current Fees:	\$	192.50
Total Current Billings For This Matter:	\$	192.50

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ATTN: GENERAL MANAGER  
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October 9, 2023  
976922  
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Page 1

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INVOICE SUMMARY

*For Professional Services Rendered Through September 30, 2023:*

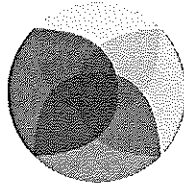
Matter # 31924.00206

Current Fees:	\$	<u>1,386.00</u>
Total Current Billings For This Matter:	\$	<u>1,386.00</u>

*Luiz J. J. J. J.*  
*11/28/23*

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ATTN: GENERAL MANAGER  
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October 9, 2023  
976921  
JEFF FERRE  
Page 1

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INVOICE SUMMARY

*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00205

Current Fees:

\$ 539.00

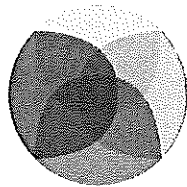
Total Current Billings For This Matter:

\$ 539.00

*ok to pay*  
*11/28/2024*

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October 9, 2023  
976923  
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Page 1

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### INVOICE SUMMARY

*For Professional Services Rendered Through September 30, 2023:*

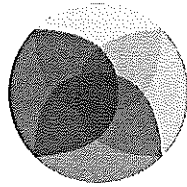
Matter # 31924.00300

Current Fees:	\$	3,716.00
Total Current Billings For This Matter:	\$	<u>3,716.00</u>

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October 9, 2023  
976924  
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Page 1

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**INVOICE SUMMARY**

*For Professional Services Rendered Through September 30, 2023:*

Matter # 31924.00301

Current Fees:	\$	1,408.50
Total Current Billings For This Matter:	\$	1,408.50

Invoice Due and Payable Upon Receipt





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Joanne Chan, Director of Operations  
**SUBJECT:** OLIVER P. ROEMER WATER FILTRATION FACILITY FILTER MEDIA REPLACEMENT AND COATING PROJECT

---

**MEETING HISTORY:**

11/21/23      Engineering, Operations and Planning Committee      REFERRED TO BOARD

**BACKGROUND:**

The Oliver P. Roemer Water Treatment (Roemer) Plant has 6 identical package treatment units called Trident Filters. Each Trident Filter has a design flow of 2.4 million gallons per day and consists of an upflow contact-clarifier followed by a multi-media gravity filter. The adsorption clarification process has been rated as equivalent to the flocculation-sedimentation process. Water flows up through about four feet of proprietary plastic beads, producing flocculation, settling, and removal of some suspended solids. From there, the water overflows into the multi-media filters. Beneath each filter is an underdrain system that takes the filtered water to the contact basin for disinfection and then to the distribution system.

On top of the underdrain is a multi-media filter bed. The bed contains three layers of media consisting of anthracite coal, sand, and garnet, with a supporting layer of gravel at the bottom. These are the media of choice because of the differences in size and density. The larger, lighter anthracite coal is on top and the heavier, smaller garnet remains on the bottom. The filter media arrangement allows the largest dirt particles to be removed near the top of the media bed with the smaller dirt particles being retained deeper and deeper into the media. This allows the entire bed to act as a filter allowing much longer filter run times between backwash and more efficient particulate removal.

The interior coatings, clarifier plastic media, and multi-media filter bed in Filter Nos. 2 and 3 are over 10 years old and have met their life expectancy. The filters are not equipped with an air scour system like the new filters being constructed as part of the plant expansion project. A new air scour system will also be installed in the 2 filters to work above the filter gravel pack which would give the media a thorough wash during backwashes. The goal is to have these 2 filters rehabilitated during winter when the water demand is at its lowest since 2 filters need to be taken out of service. A large vacuum truck is used to take out all the old materials and expose the underdrain system for inspection and any repairs. The entire filter is then power washed, sandblasted and coated in preparation for installation of a new air scour system and new media. The coating material is NSF

600 approved for potable water.

**DISCUSSION:**

On October 3, 2023, a Request for Bids (RFB) was issued and publicly advertised on PlanetBids. The RFB included removal, packaging and disposal of existing media, removal of existing interior coatings with abrasive blast methods, recoat with approved epoxy coating, supply and installation of new air scour systems and new media. Attached as **Exhibit A** is the project information and scope of work. Three (3) firms – ERS Industrial Services, Inc., Carbon Activated Corp, and Karbonous, Inc. – submitted bids to provide the specified services. Attached as **Exhibit B** is a summary of the bid results.

Based on information received from ERS, ERS is the lowest responsible responsive bidder for this project. A summary of the bid results is as follows:

<b>ERS Industrial Services, Inc.</b>	<b>Carbon Activated Corp.</b>	<b>Karbonous, Inc.</b>
<b>\$1,147,660.00</b>	<b>\$1,263,489.00</b>	<b>\$1,375,240.00</b>

**FISCAL IMPACT:**

This item is included in the Fiscal Year 2023/24 Capital Budget and will be funded from project nos. W24005 and W24006 titled “Roemer Filter Rehabilitation & Media Replacement” with a budget of \$1,022,000. Additional funds (\$125,660) will be needed to complete the project and will be funded from the District’s budget for contingency. A summary of the requested budget transfer is as follows:

<b>Project</b>	<b>Current Budget</b>	<b>Transfer From/To</b>	<b>Remaining Budget</b>
Contingency Funds	\$355,509.00	<b>-\$125,660.00</b>	\$229,849.00
Filter Rehabilitation & Media	\$1,022,000.00	+\$125,660.00	<b>\$1,147,660.00</b>

**STAFF RECOMMENDATION:**

Staff recommends that the Committee forward a recommendation to the Board of Directors to approve ERS Industrial Services, Inc. for the Oliver P. Roemer Water Filtration Facility Filter Media Replacement and Coating Project.

Respectfully Submitted,

---

Joanne Chan, Director of Operations

JT:jc

**ATTACHMENT(S):**

1. Exhibit A - Project Information and Scope of Work
2. Exhibit B - Bid Results

# EXHIBIT A



## Water Treatment Facility Filter Media Replacement and Coating Project

### PROJECT INFORMATION:

The West Valley Water District (“District”) is seeking the services of a qualified, experienced contractor to furnish all labor, material and equipment, perform and complete all work required for the Water Treatment Facility Filter Media Replacement and Coating Project.

### PROJECT DESCRIPTION

The work to be performed shall consist of furnishing all tools, equipment, materials, labor, transportation services, fuel, communications, and performing all work and related operations required for the fulfillment of this project in strict accordance with these specifications. The work shall be completed, and all work, materials, and services not expressly outlined or shown in these specifications which may be necessary for the complete and proper installation and/or operation of the work shall be provided by the contractor as indicated and at no increase in cost to the District. The contractor is expected to provide all materials and services that will fulfill or exceed the requirements and conditions as set forth in these specifications.

This is a turn-key project. **Two (2) Trident Filters, No. 2 and No. 5, need recoating and new filter and clarifier media.**

The service includes removal, packaging and disposal of existing filter and clarifier media and installation of new media for two (2) Trident Filters, per design. Contractor is expected to repair or replace existing underdrains as needed.

The service includes the following recommended Sherwin Williams Steel preparation and coating system: SSPC-SP10 Near-White Blast Cleaning, apply finish coat – Sherwin Williams Sherplate PW Epoxy @ 30-45 mils DFT for two (2) Trident Filters. The coating material must be NSF approved to standard 61 for potable water and meets new AWWA D102 standards.

### SCOPE OF WORK

Although the District is attempting to identify the limits and services required, this should not unnecessarily limit the firm in the development of a scope it believes is necessary to meet the District’s goals and objectives.

This section covers removing and disposing existing media and furnishing and installing support gravel and multimedia filter media for the 2 filters at the Oliver P. Roemer Water Treatment Plant. Filter media shall be furnished and installed in the filter as indicated on the drawings, as specified, and as required to provide a properly operating filter installation acceptable to the District.

If a vacuum truck is used to remove filter media, it must be parked outside the filter plant and the vacuum hose or pipe must be able to go up the stairs and down to the floor of the filter bed—100 feet from the filter to the access door.

Removal of existing interior coating and recoat work on the Oliver P. Roemer Trident Filter Nos. 2 and 5. The coating material must be NSF approved to standard 61 for potable water and meets new AWWA D102 and AWWA C210 standards. The District recommends SherPlate PW Epoxy. Full containment, environmental control, and protection of underdrains throughout the coatings process.

Fabricate and install 304 or 316 stainless-steel 8-inch diameter air scour grid system with diffusers by WESTECH in (2) Filters Bay for future use. Air scour should deliver 2-3.4 scfm per square foot @ 5-7 psi max uniformly throughout the filter including the spool piece must be stainless steel and welded thru tanks prior to coating. System shall be installed and tested by the firm and approved by the District.

Filter media shall not be installed until testing, by others or District staff, of the filter box for water tightness, repair of leaks, and concrete damp proofing inside the filter box has been completed.

Installation of media shall be under the direct supervision and control of a competent and experienced field representative employed by the media supplier and acceptable to the District.

The filter is a tri-media gravity filter. It is 28 by 10 by 10 feet steel structures. The launder is 40 inches above the media. The filter includes an underdrain system, filter media, and the following piping: inlet and outlet pipes, backwash, surface wash, and wash water disposal piping. Filter media consists of anthracite coal, sand, and garnet over a layer of support gravel. The following table summarizes the design parameters of the filter:

Filtration Rate: 6 gpm/Sq. Ft. Maximum Filter Underdrain – Pipe: Schedule 80 PVC

Material	Size Range (mm)	Specific Gravity	Hardness (Mohs scale)	Specified (Inches)
Filter Profile Dual Media Anthracite	1.0-3.0	1.5-1.8	3	18
Silica Sand	0.45-0.50	2.6	7	9
Garnet	0.20-0.40	3.1-4.4	6.5-7.5	6
Media Support Gravel	1.0-50	2.6	7	12

Supply and install new Clarifier plastic media 50/50 Mix, new air nozzles and new gaskets.

Reinstall Filter internal piping.



Placement shall comply with AWWA B100, except as modified herein. Support gravel or media which becomes dirty or contaminated shall be removed and replaced with clean material.

The bottom layer shall be carefully placed to avoid damaged to the nozzle underdrain system. Each layer shall be completed before starting the layer above. For materials less than ½ inch in size, workmen shall not stand or walk directly on the media, but on boards which will sustain their weight without displacing the media.

Each layer of filter media shall be deposited by means of a tremie system to a uniform thickness, with the top surface screeded or otherwise brought to a true level plane. Care shall be taken in depositing each layer not to damage the quality or integrity of the media or to disturb the level surface of the layer beneath. The correct thickness of each layer shall be determined by screeding each layer to a continuous level line on the side of the filter box. The layer shall then be leveled with a water surface maintained at the appropriate elevation mark.

### **INTERRUPTION OF SERVICES**

Interruptions to any services for the purposes of making or breaking a connection shall be made only after consulting with the District and shall be at such time and of such duration as may be directed.

### **SEQUENCE OF CONSTRUCTION OPERATIONS**

Before starting construction operations, Contractor shall confer with the District arrange the sequence of the construction operations.

### **HOURS OF WORK**

Contractor shall submit an approved work schedule prior to starting related work.

### **EVALUATION PROCESS AND SELECTION CRITERIA**

The District's evaluation and selection process is based upon meeting all requirements listed above. to the District. **The district reserves the right to award project to the lowest responsible responsive bidder.**

### **ATTACHMENTS**

Attachment A – Trident Water Systems Filter Media Design – Model

Attachment B – Air scour grid system Design - Model

**ADDENDUM NO. 1****October 12, 2023****WEST VALLEY WATER DISTRICT  
RIALTO, CA****CONTRACT DOCUMENTS FOR****Water Treatment Facility Media Replacement and Coating Project****BID DATE: October 20, 2023 at 5:00 PM**

The following information, clarifications, changes, additions, and/or deletions shall be made to the above-referenced plans and specifications.

**CHANGES:**

**The Coating Material must be NSF 600  
Approved for potable water.**

During the job walk, the District became aware of the new NSF 600 standards effective January 1, 2023.

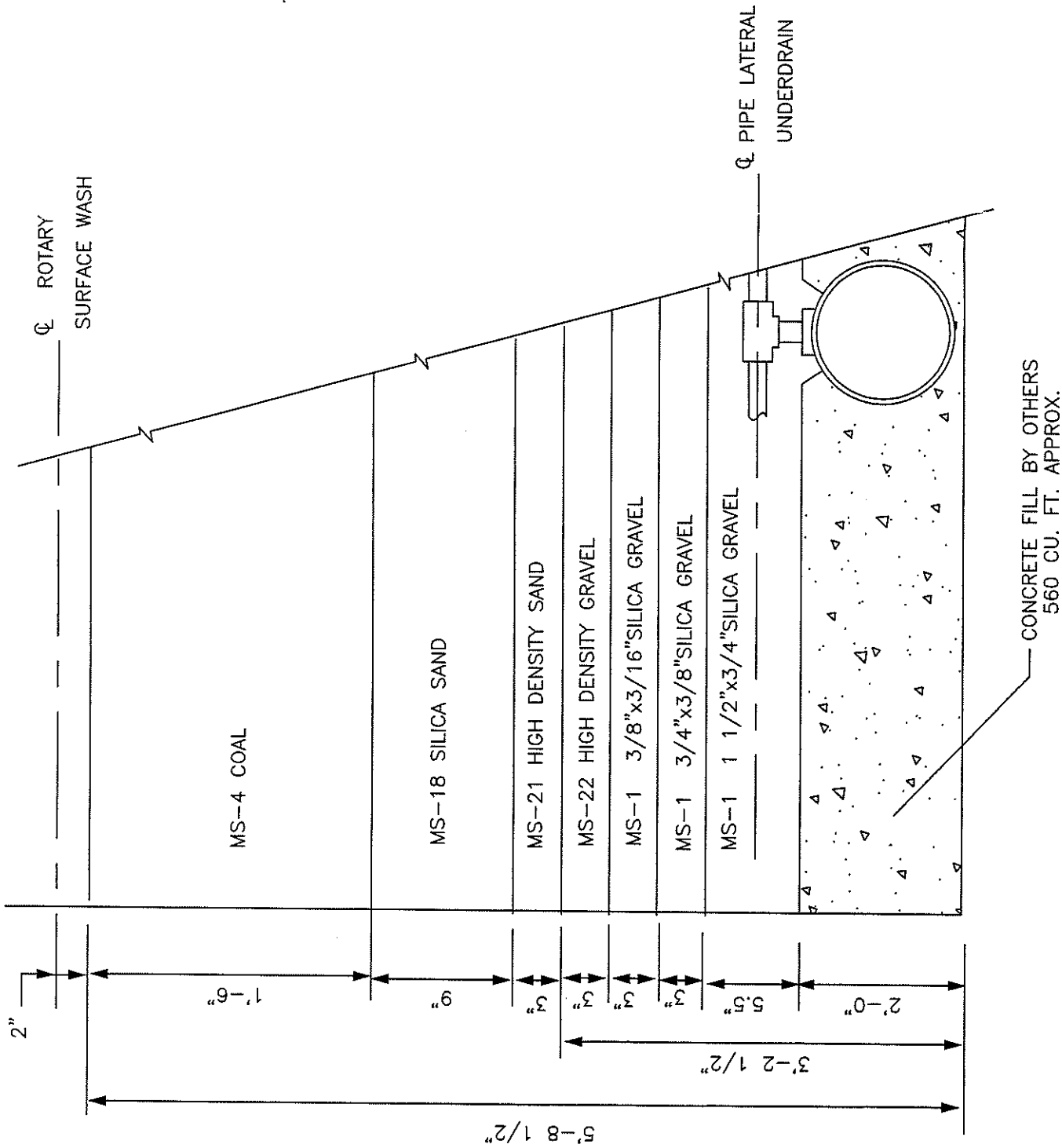
# ATTACHMENT A

B.O.M. QUANTITIES ARE FOR ONE TANK ONLY

B.O.M. NUMBER	L4C-1A
UNIT DESIGNATION	1/2TR-840A
BED AREA (SQ. FT. EACH FILTER)	280
VOLUME OF UNDERDRAIN HEADER WITHIN THE CONCRETE FILL (CU.FT.)	56
VOLUME OF UNDERDRAIN WITHIN THE 1 1/2"x3/4" MS-1 LAYER (FT <sup>3</sup> )	12
BACKWASH RATE AT 60° F. (SEE NOTE 5)	15 GPM/FT <sup>2</sup>
BACKWASH FLOW AT 60° F	4200 GPM
MEDIA PLACEMENT WATER QUANTITY REQ'D AT 60° F	100,000 GAL./TANK

NOTES:

- 1A FILTER MEDIA AND GRAVEL BAGS MUST BE PROTECTED FROM THE WEATHER AND STACKED NOT MORE THAN 5(FIVE) HIGH TO PRECLUDE BREAKAGE.
- 1B WHEN BULK SHIPMENT IS USED, FILTER MEDIA AND GRAVEL MUST BE PROTECTED FROM THE WEATHER AND COVERED TO PREVENT WIND-BLOWN LOSS.
- 2 DURING MEDIA PLACEMENT, APPROXIMATELY TWO BACKWASH AND SKIMMING OPERATIONS WILL BE REQUIRED. EACH BACKWASH WILL BE ABOUT 10 MINUTES DURATION.
- 3 FILTER MEDIA AND GRAVEL PLACEMENT MUST BE DONE UNDER CPC TECHNICAL DIRECTION AFTER ALL ELECTRICAL, HYDRAULIC AND CONTROL SYSTEMS ARE INSTALLED AND/OR REPAIRED AND OPERABLE PRIOR TO ARRIVAL OF TECHNICAL DIRECTOR.
- 4 PLACEMENT TOLERANCE:  
THE FOLLOWING TOLERANCES SHALL APPLY TO MEDIA AND GRAVEL PLACEMENT.  
1-1/2" LAYERS ± 1/4"  
3" LAYERS ± 1/2"  
9" & DEEPER ± 1"  
FINISHED GRAVEL DEPTH ± 1"  
FINISHED FILTER BED ± 1"
- 5 ALL LAYERS OF MEDIA AND GRAVEL TO BE LEVEL IN ACCORDANCE WITH CPC MEDIA AND GRAVEL PLACEMENT SPECIFICATIONS.  
THIS RATE FOR BACKWASH DURING MEDIA PLACEMENT AND DOES NOT INCLUDE SURFACE WASH FLOW RATE OF APPROXIMATELY 75 TO 2.0 GPM/SQ.FT. TOTAL RISE RATE WITH SURFACE WASH ON AFTER MEDIA PLACEMENT APPROXIMATELY 27 IN./MIN.
- 6 FILTER GUARANTEE REQUIRES CPC TECHNICAL DIRECTION DURING MEDIA PLACEMENT.



COMPANY CONFIDENTIAL  
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REV	DESCRIPTION	DATE	DWN	CHD	APVD	ECN
3	REPLACED OLD BORDER.	03/03/04	SJT			
2	CHANGED MS-21 & MS-22 MATERIAL FROM ILLUMINITE TO GARNET.	7/16/97	WINB			
1	REV'D VOL. 1 1/2 X 3/4, ADDED WATER QTY	1-87	VSA			

DESIGNER	RGS	DATE	JUNE 84
CHECKER	EG	DATE	JUNE 84
ENGINEER		DATE	
MANAGER		DATE	
FILE:	L4C-1		

TITLE: TRIDENT WATER SYSTEMS  
FILTER MEDIA DESIGN - MODEL 1/2TR-840A

PROJECT CODE: L4C-1

DRAWING: L4C-1

SHEET: 1 OF 1

REV: 3



441 MAIN STREET  
STURBRIDGE, MA 01562  
TEL: 1-800-636-2674

BAR = 1" AT PLOT SCALE

INTL REF:

STD: 2-0600-11X17B

# ATTACHMENT B

- 1. A STAR DENOTES VARIANCE FROM CONTRACT DOCUMENTS AND SHOULD BE PARTICULARLY NOTED. ★
- 2. CONTRACTOR TO VERIFY OR SUPPLY ALL DIMENSIONS SHOWN IN CLOUDS. ☁

- 3. DIMENSIONS, LOADS, AND OTHER INFORMATION ARE PROVIDED FOR CONFIRMATION BY OTHERS OF POSITION AND INTERFACE BETWEEN NEW OR EXISTING CONCRETE, EQUIPMENT, PLANT STRUCTURE, OTHER SYSTEMS AND APPURTENANCES AS SHOWN ON THE GENERAL ARRANGEMENT DRAWINGS.
- 4. SUBMITTED DRAWINGS AND INFORMATION ARE NOT TO BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES UNTIL CUSTOMER APPROVAL HAS BEEN ISSUED. WESTECH WILL NOT PROCEED WITH FABRICATION OR DELIVERY UNTIL SUCH APPROVAL IS RECEIVED.

- 5. WESTECH IS NOT RESPONSIBLE FOR NEW OR EXISTING CONCRETE DESIGN, INCLUDING NECESSARY REINFORCEMENT FOR ANCHOR BOLTS, UNLESS SPECIFICALLY INDICATED OTHERWISE. THE SUITABILITY OF NEW OR EXISTING CONCRETE, EQUIPMENT, TANKAGE, OR STRUCTURES TO WITHSTAND THE DESIGN LOADS AT THE INTERFACE OF WESTECH'S EQUIPMENT IS TO BE DEFINED, CONFIRMED OR OTHERWISE PROVIDED BY OTHERS.

- 6. WESTECH IS NOT RESPONSIBLE FOR DAMAGE, INJURY OR LOSS RESULTING FROM IMPROPER USE OF THIS EQUIPMENT.

- 7. MODIFICATIONS, ADDITIONS OR CORRECTIONS TO THE APPROVED EQUIPMENT WILL NOT BE ACCEPTED BY WESTECH, UNLESS A CHANGE ORDER IS ISSUED AND APPROVED.

- 8. ROTATING EQUIPMENT IS DESIGNED TO OPERATE ONLY IN THE INDICATED DIRECTION. WESTECH IS NOT RESPONSIBLE FOR DAMAGE IF OPERATED IN THE OPPOSITE DIRECTION.

- 9. WESTECH DOES NOT FURNISH CONCRETE, GROUT, CONCRETE REINFORCING, PIPING, VALVES, PIPE SUPPORTS OR FITTINGS; WALL BRACKETS, ELECTRICAL WIRING, CONDUIT, ELECTRICAL EQUIPMENT, ERECTION, INSTALLATION, FIELD ASSEMBLY, SHIMMING MATERIALS, CAULK OR MASTIC, FIELD PAINTING OR PAINT, FIELD WELDING OR WELD ROD, WATER FOR TESTING, GREASE, ANTI-SEIZE OR LUBRICATING OIL, UNLESS SPECIFICALLY NOTED.

- 10. SHOP SURFACE PREPARATION AND SHOP PAINTING OF PRIME COATS ARE DESIGNED TO PROVIDE ONLY A MINIMAL PROTECTION FROM TIME OF APPLICATION PER THE COATING MANUFACTURER'S DATA SHEET. WESTECH DOES NOT GUARANTEE CONDITION OF PREPARED OR PAINTED ITEMS ONCE THE ITEMS LEAVE THE SHOP. CUSTOMER SHOP INSPECTION OF PAINTED ITEMS IS WELCOME TO VERIFY APPLICATION. ALL FIELD SURFACE PREPARATION, FIELD PAINT, TOUCH-UP, AND REPAIR TO SHOP PAINTED SURFACES ARE NOT BY WESTECH. RESPONSIBILITY FOR COMPATIBILITY OF SHOP AND FIELD APPLIED COATINGS IS BY OTHERS.

- 11. DOCUMENTS DEFINING WESTECH SUPPLIED SURFACE PREPARATION AND SHOP/FIELD PAINT SPECIFICATIONS ARE SUBMITTED WITH THE GENERAL ARRANGEMENT DRAWINGS AND WILL INCLUDE COATING DATA SHEET(S) AND/OR A STAINLESS-STEEL CLEANING GRADE SHEET AND FINISH LEVEL SHEET.

- 12. WHERE APPLICABLE, ANCHOR BOLT DETAILS ARE SHOWN ON JOB-SPECIFIC DRAWINGS AND SHALL CONFORM TO ONE OR MORE OF THE FOLLOWING SPECIFICATIONS:

- CARBON STEEL HEADED OR ALL-THREAD ROD - ASTM F1554, GRADE 36, GRADE 55, OR GRADE 105
- STAINLESS STEEL HEADED OR ALL-THREAD ROD - ASTM F593, ASTM A193
- ADHESIVE ANCHORS SHALL MEET THE REQUIREMENTS OF ASTM E1512 AND SHALL HAVE A PUBLISHED ICC/ES REPORT.
- WEDGE ANCHORS SHALL HAVE A PUBLISHED ICC/ES REPORT.

- 13. MATERIALS AND COATINGS OF FASTENERS ARE IDENTIFIED ON JOB-SPECIFIC GENERAL ARRANGEMENT DRAWINGS. BOLTS SHALL CONFORM TO ONE OR MORE OF THE FOLLOWING SPECIFICATIONS WITH DIMENSIONS PER ASME B18.2.1 AND B18.2.2:

- CARBON STEEL - ASTM F3125, GRADE A325, GRADE A490; ASTM A307 GRADE A
- STAINLESS STEEL - AISI TYPE 304 OR 316
- STAINLESS STEEL - ASTM F593/F593M (GENERAL PURPOSE)
- STAINLESS STEEL - ASTM A193 GRADE B8 (304), GRADE B8M (316) (HIGH PRESSURE, HIGH TEMPERATURE)

- 14. THE FOLLOWING DEFINES THE ACCEPTABLE MATERIALS USED FOR WESTECH SUPPLIED EQUIPMENT AS SPECIFIED AND SHOWN ON THE GENERAL ARRANGEMENT DRAWINGS. ANY MATERIAL OR ITEMS NOT INCLUDED HERE SHALL BE CLEARLY SPECIFIED ON THE GENERAL ARRANGEMENT DRAWINGS.

**A. CARBON STEEL** SHALL MEET THE FOLLOWING SPECIFICATIONS AND REQUIREMENTS:

- STEEL SHAPES W, WT - ASTM A992/A992M
- STEEL SHAPES M, MT, S, ST, C, MC, L - ASTM A36/A36M
- STEEL PLATES AND BARS - ASTM A36/A36M; A572/A572M GRADE 50; A529/A529M
- STEEL SHAPE HP - ASTM A572/A572M GRADE 50
- STEEL PIPE - ASTM A53/A53M GRADE B, ASTM 106/A106M, API 5L
- HOLLOW STRUCTURAL SECTIONS (HSS), ROUND, SQUARE, RECTANGULAR - ASTM A500/A500M GRADE C; A1085/A1085M
- SHEETS - A1011/A1011M
- PIPE FITTINGS - ASTM A234/A234M; ASME B16.11
- ALL WELDING SHALL CONFORM TO THE LATEST AWS D1.1 CODE OR ASME BPVC SECTION IX.
- ALL SUBMERGED STRUCTURAL STEEL MEMBERS SHALL HAVE A MINIMUM 1/4" THICKNESS UNLESS NOTED OTHERWISE.
- SOME SHAPES MAY BE FORMED BY BENDING AND/OR WELDING. <sup>△</sup>B

**B. STAINLESS STEEL** SHALL MEET THE FOLLOWING SPECIFICATIONS AND REQUIREMENTS:

- AUSTENITIC BARS, ROUND AND SQUARES, AND HOT ROLLED EXTRUDED SHAPES SUCH AS ANGLES, TEES, AND CHANNELS - ASTM A276; ASTM A484/A484M; ASTM A564/A564M
- AUSTENITIC LASER-FUSED BARS, PLATES, ANGLES, TEES, CHANNELS, AND W SHAPES - ASTM A1069/A1069M
- AUSTENITIC PLATES, SHEETS, STRIPS - ASTM A240/A240M; ASTM A480/A480M
- AUSTENITIC PIPES - ASTM A312/A312M
- AUSTENITIC HOLLOW STRUCTURAL SHAPES (HSS), ROUND, SQUARE, RECTANGULAR - ASTM A554
- PIPE FITTINGS - ASTM A182; ASME SA 182; ASME B16.11
- DUPLEX PLATES, SHEETS, STRIPS - ASTM A240/A240M; ASTM A480/A480M
- DUPLEX PIPES - ASTM A790/A790M
- DUPLEX HOLLOW STRUCTURAL SHAPES - MADE FROM PLATE <sup>△</sup>A
- ALL WELDING SHALL CONFORM TO THE LATEST AWS D1.6 CODE OR ASME BPVC SECTION IX.
- SOME SHAPES MAY BE FORMED BY BENDING AND/OR WELDING.

**C. ALUMINUM** SHALL MEET THE FOLLOWING SPECIFICATIONS AND REQUIREMENTS:

- EXTRUDED BARS, RODS, WIRE, STRUCTURAL PROFILES AND TUBES - ASTM B221/B221M
- STANDARD STRUCTURAL PROFILES - ASTM B308/B308M (FOR ALLOY 6061-T6 ONLY)
- PLATE AND SHEET - ASTM B209/B209M
- DRAWN SEAMLESS TUBE - ASTM B210/B210M; ASTM B483/B483M
- EXTRUDED SEAMLESS TUBE AND PIPE - ASTM B241/B241M; B429/B429M <sup>△</sup>C
- PIPE FITTINGS - ASTM B361
- ALL WELDING SHALL CONFORM TO THE LATEST AWS D1.2 CODE.
- SOME SHAPES MAY BE FORMED BY BENDING AND/OR WELDING.

- D. TANK MATERIALS** SHALL CONFORM TO THE SPECIFICATIONS IN API 650 OR AWWA D100 AS NOTED ON THE GENERAL ARRANGEMENT DRAWINGS. SPECIFIED MATERIALS ARE SHOWN ON THE GENERAL ARRANGEMENT DRAWINGS. ALL WELDING SHALL CONFORM TO THE ASME BPVC - SECTION IX.

<sup>△</sup>B **E. ASME STAMPED PRESSURE VESSELS** SHALL CONFORM TO ASME BPVC SECTION VIII OR SECTION X (FOR FRP TANKS), THE DESIGN CALCULATIONS AND THE GENERAL ARRANGEMENT DRAWINGS.


- <sup>△</sup>B 15. ITEMS SHOWN, NOTED OR DESCRIBED ON THE GENERAL ARRANGEMENT DRAWINGS SUPERSEDE ANY CONFLICTING ITEMS WITHIN THESE NOTES.

REV	REVISION DESCRIPTION	ECN	DESIGNER	APPROVER	DATE	REFERENCE DOCUMENTS
C	ADDED TO NOTES 3 & 5, "BY OTHERS", "NEW OR EXISTING", "OTHERWISE. THE SUITABILITY OF NEW OR EXISTING...", B429/B429M WAS B429/B428M	---	WH17	TON2	2022/10/11	
B	ADD NOTE 15. ADD BEND NOTE UNDER 14.A (LAST BULLET), ADD "ASME STAMPED" & "OR SECTION X" TO NOTE 14E	---	WH17	ARS/ST14	2021/04/12	
A	REMOVED "SEE 10.B.2" FROM END OF 14.B BULLET POINT 9	---	WH17	ARS/ST14	2020/11/23	

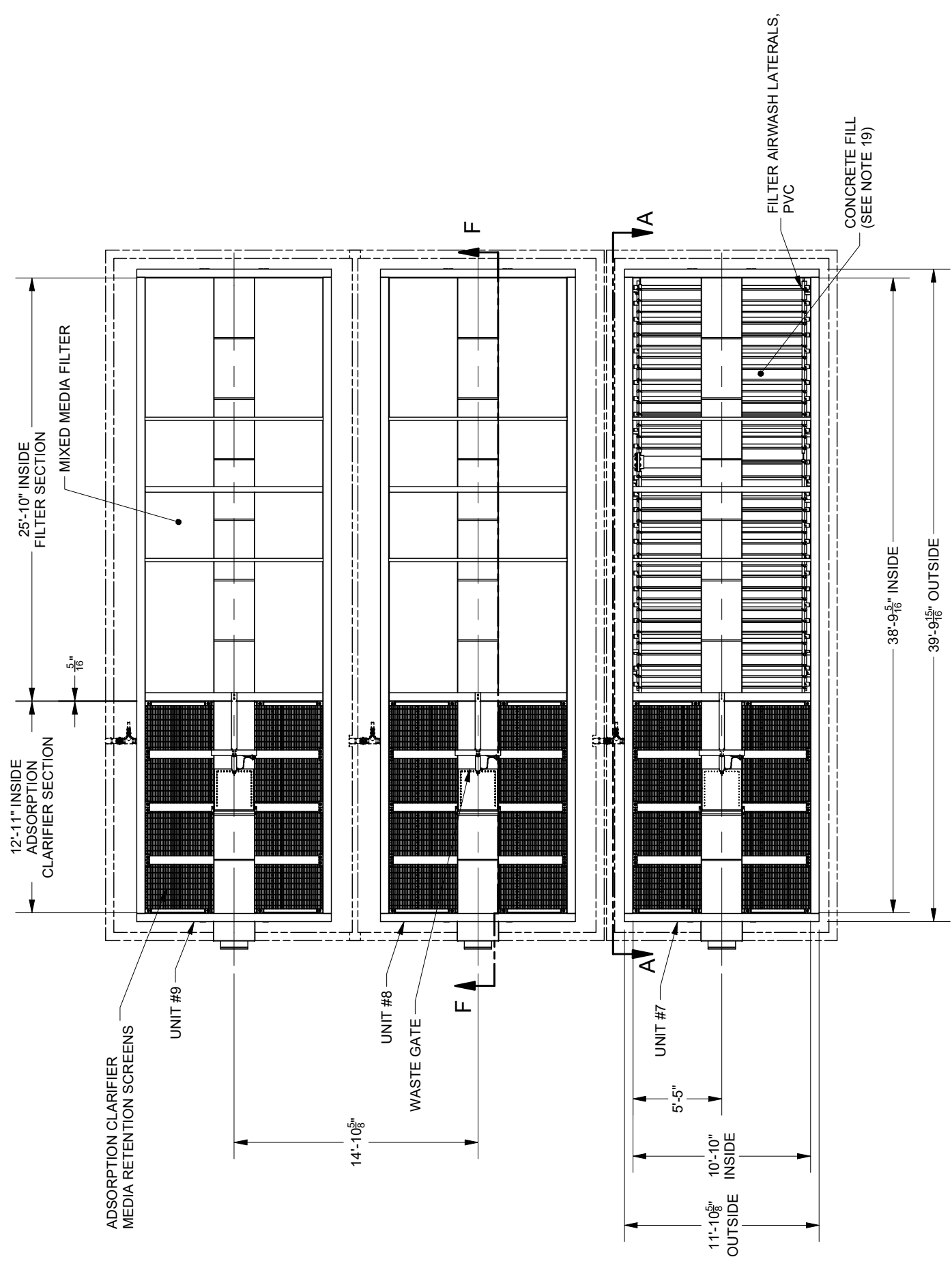
TITLE				GENERAL NOTES			
DESIGNER	CHECKER	APPROVER	DATE	DESIGN/DETAIL COUNCIL	ENGINEERING COUNCIL	DOCUMENT NUMBER	SHEET
WH17			2020/11/11			0000647822	1 OF 1
JOB NUMBER							REV
							C

							
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TRIDENT® PROCESS DESIGN INFORMATION		
DESIGN FLOW:	1,680	GPM
CLARIFIER LOADING RATE:	12	GPM/SQ FT
CLARIFIER AIR SCOUR FLOW:	475	SCFM
FILTER LOADING RATE:	6	GPM/SQ FT
FILTER BW FLOW, HIGH RATE:	5,040 @ 25	GPM @ °C
FILTER BW FLOW, LOW RATE:	1,680	GPM
FILTER AIR SCOUR FLOW:	950	SCFM

APPROXIMATE EMPTY (PER UNIT): 227,327 LBS  
 APPROXIMATE OPERATING WEIGHT (PER UNIT): 332,189 LBS  
 APPROXIMATE SHIPPING WEIGHT (PER UNIT): 30,702 LBS



**PLAN**  
 FILTER MEDIA IS NOT SHOWN IN UNIT 7

PREPARED FOR: OLIVER P. ROEMER WTF  
 RIALTO, CALIFORNIA

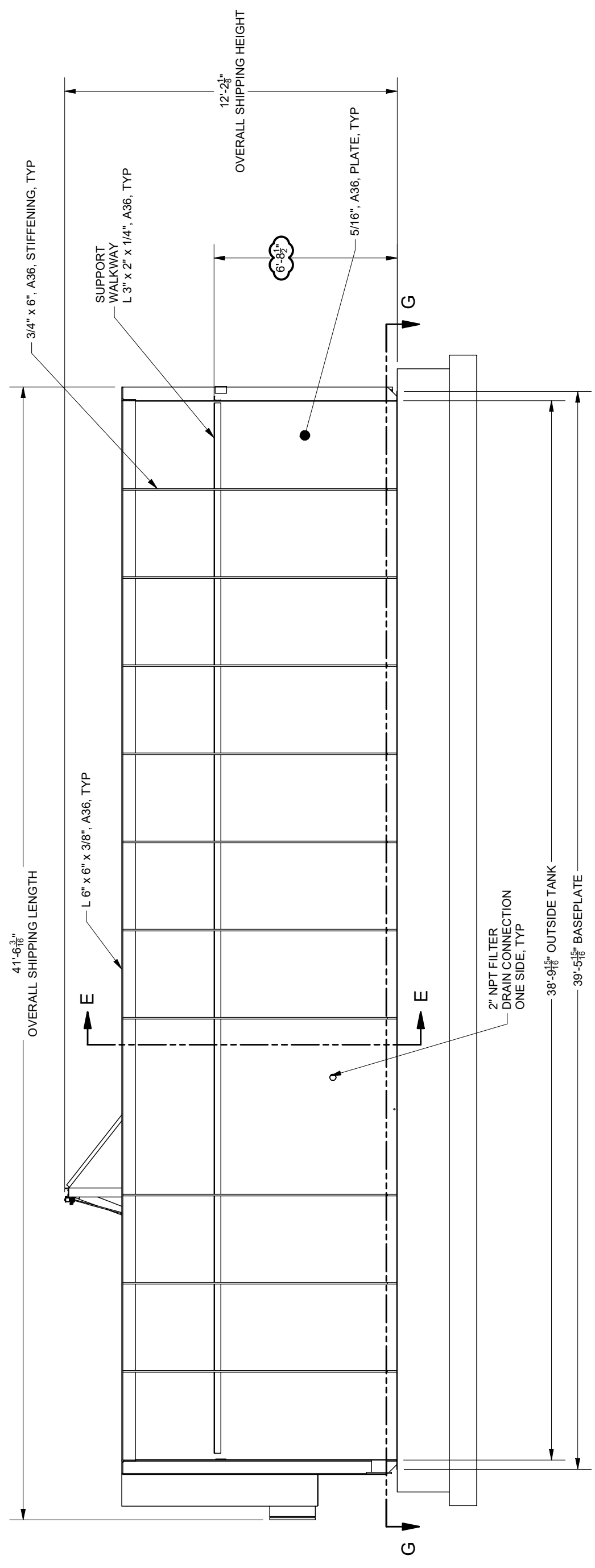
ENGINEER: STANTEC  
 PASADENA, CALIFORNIA

CONTRACTOR: PCL CONSTRUCTION  
 LONG BEACH, CALIFORNIA

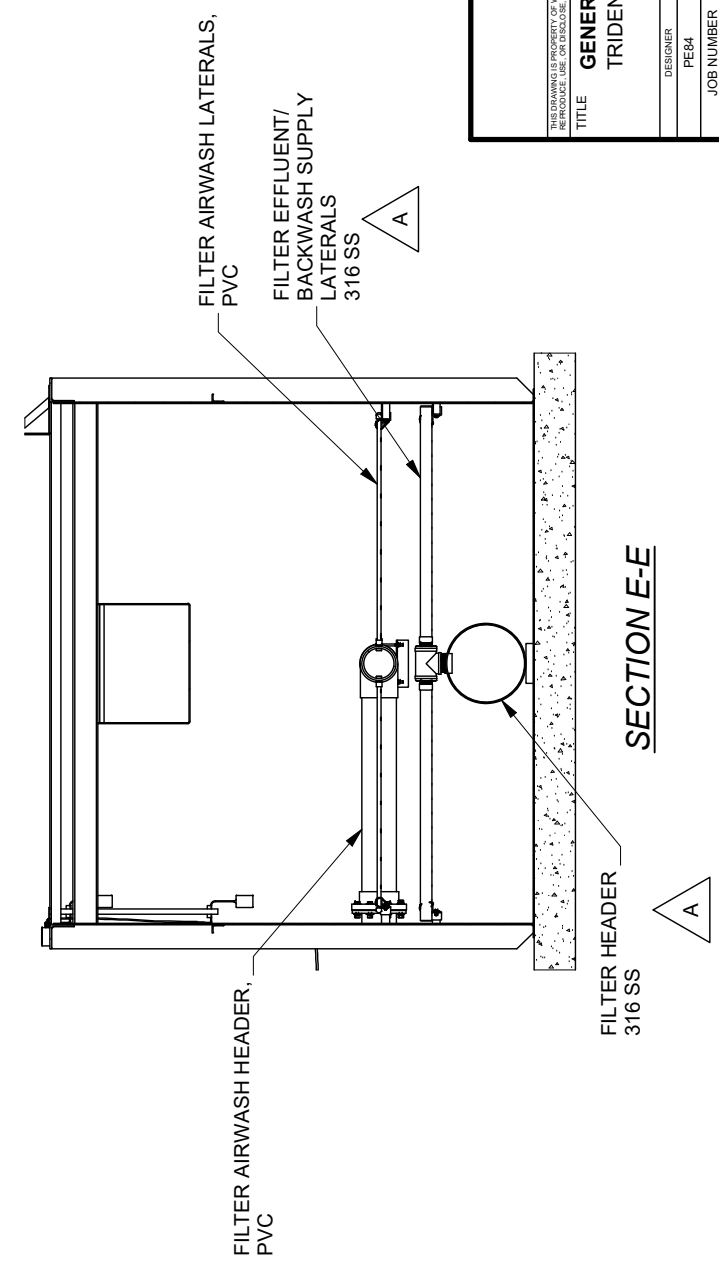
PO/CONTRACT NUMBER: 03269401-OM

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TITLE: <b>GENERAL ARRANGEMENT</b>	
TRIDENT® TR-840A WATER TREATMENT SYSTEM	
DESIGNER	APPROVER
PE84	DE111
JOB NUMBER	DOCUMENT NUMBER
24862A	0002885559
DATE	SHEET
2023-01-04	1 OF 9

REV	REVISION DESCRIPTION	EON	DESIGNER	APPROVER	DATE
D	UPDATED ANCHOR BOLTS LOCATIONS	-	PE84	DE111	2023-06-09
C	UPDATED ANCHOR BOLTS LOCATIONS, AND CONCRETE PAD DIMENSION BASED ON REVISED CALCULATIONS.	-	PE84	DE111	2023-07-21
B	UPDATED BASEPLATE, ANCHOR BOLTS, AND CONCRETE PAD DIMENSION BASED ON REVISED CALCULATIONS.	-	PE84	DE111	2023-07-07
A	STAINLESS STEEL AND LOCATION CHANGES FOR INLET AND AIR GRID NOZZLE. CONCRETE PAD CHANGES.	-	PE84	DE111	2023-05-25



SIDE ELEVATION



**WESTECH®**

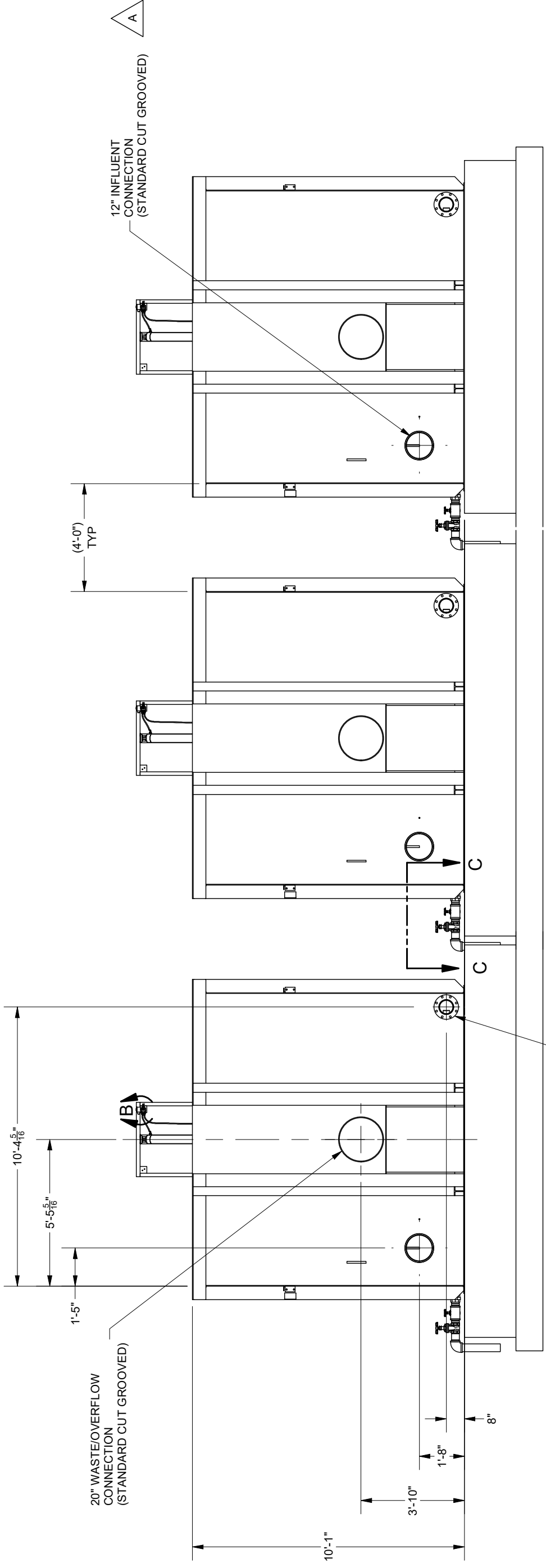
GENERAL ARRANGEMENT

TRIDENT® TR-840A WATER TREATMENT SYSTEM

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DESIGNER	CHECKER	APPROVER	DATE
PE84	DE111	DE111	2023-01-04
JOB NUMBER	DOCUMENT NUMBER	SHEET	
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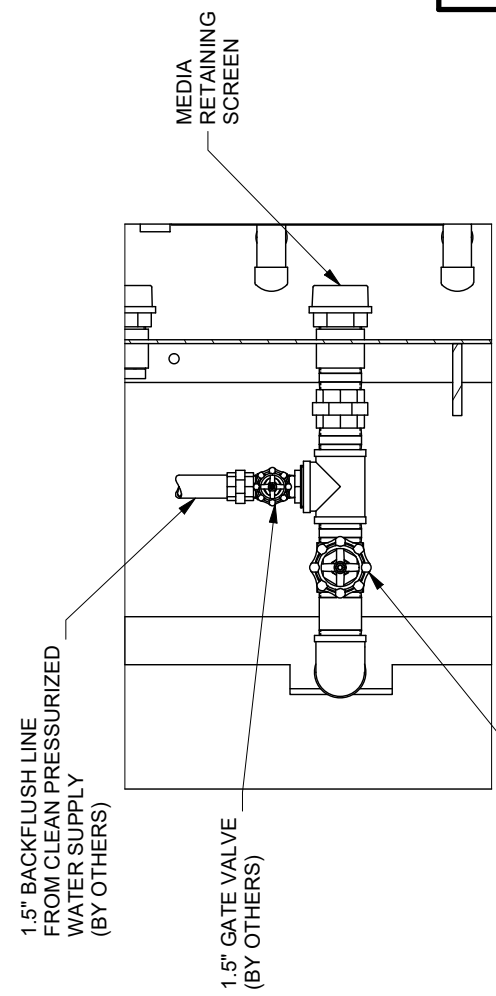




6" ADSORPTION CLARIFIER AIR (FLAT FLANGED #150)

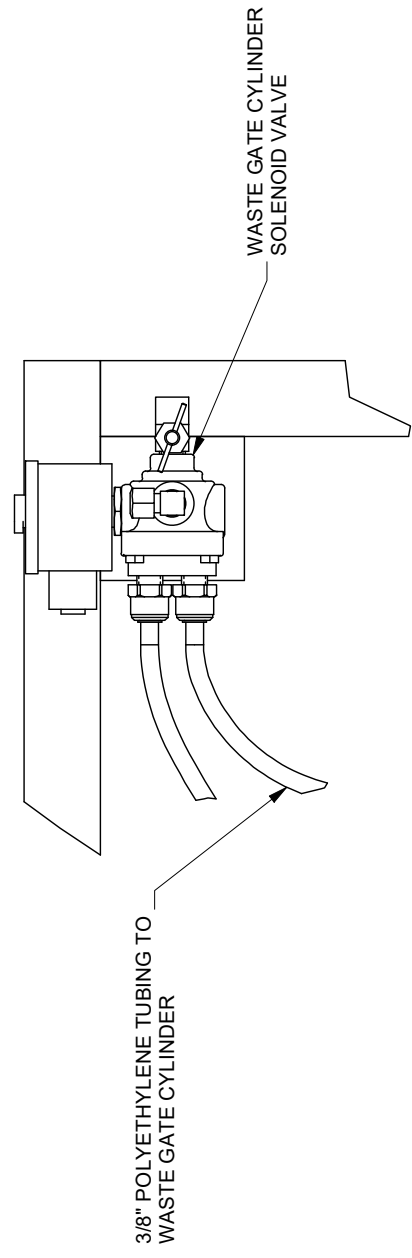


INFLUENT END



**SECTION C-C**

RECOMMENDED PIPING SHOWN.  
ALL COMPONENTS OUTSIDE OF TANK  
ARE SUPPLIED BY OTHERS.



DETAIL B

**WESTECH®**

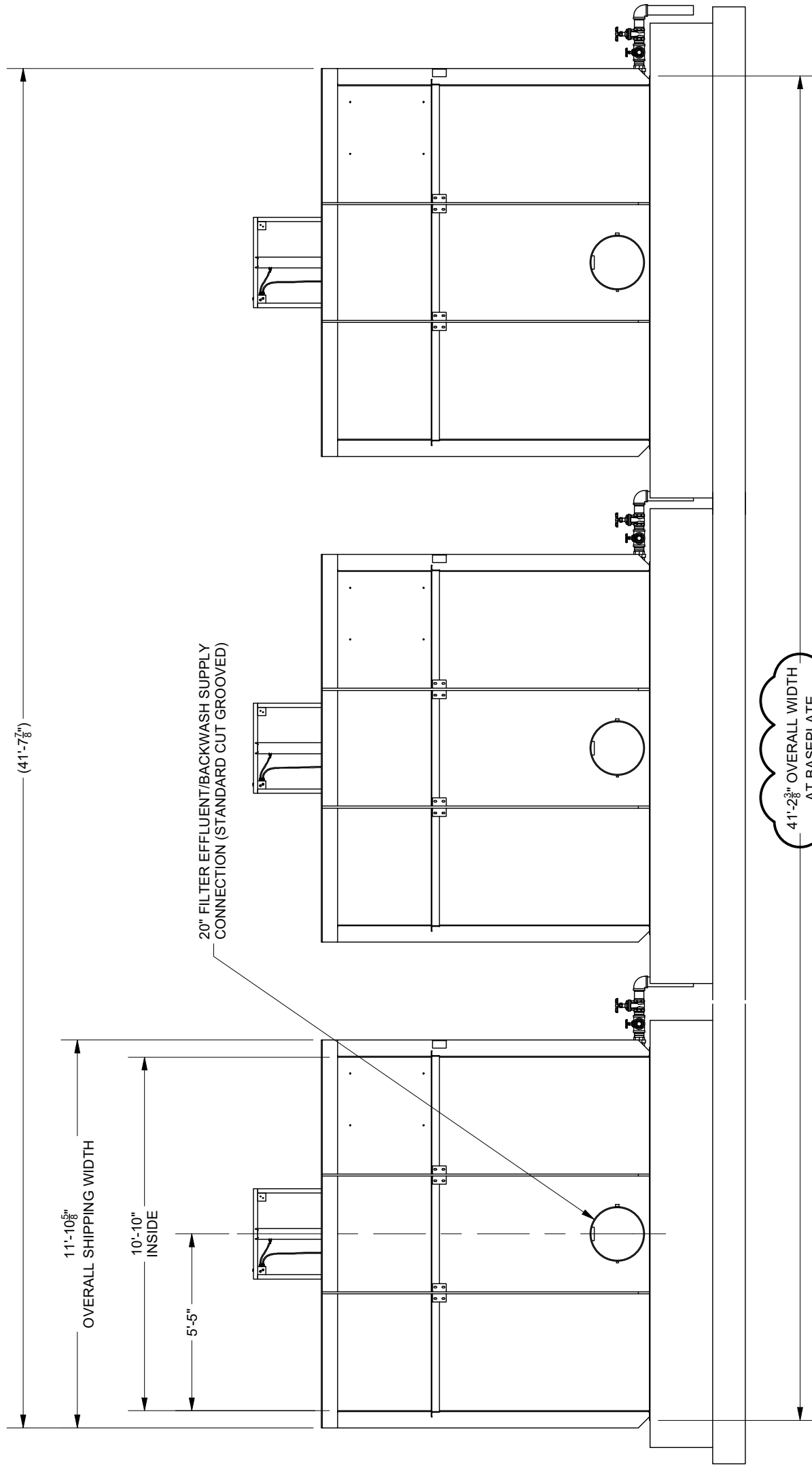
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TITLE: **GENERAL ARRANGEMENT**

TRIDENT® TR-840A WATER TREATMENT SYSTEM

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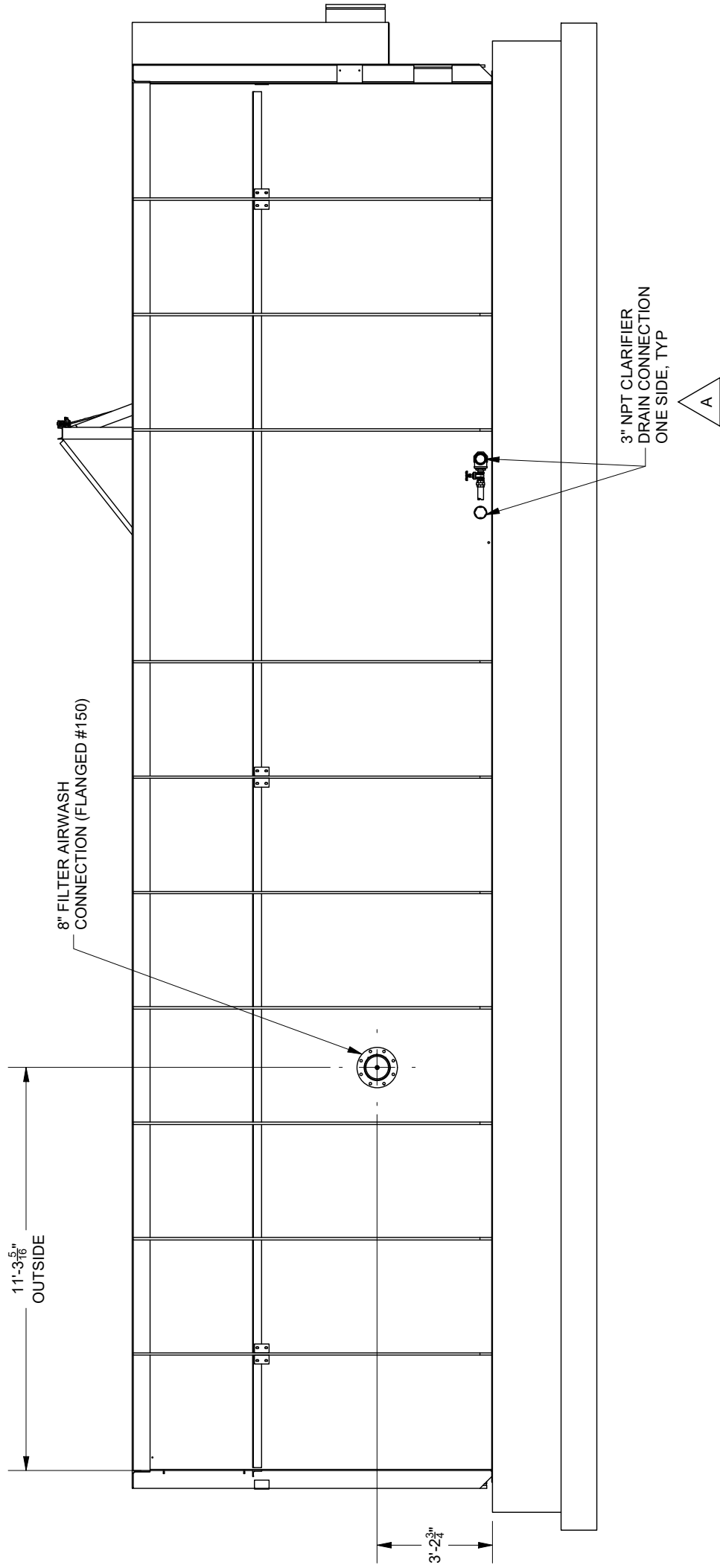
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TITLE **GENERAL ARRANGEMENT**  
 TRIDENT® TR-840A WATER TREATMENT SYSTEM

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SECTION A-A  
FROM SHEET 1

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TRIDENT® TR-840A WATER TREATMENT SYSTEM

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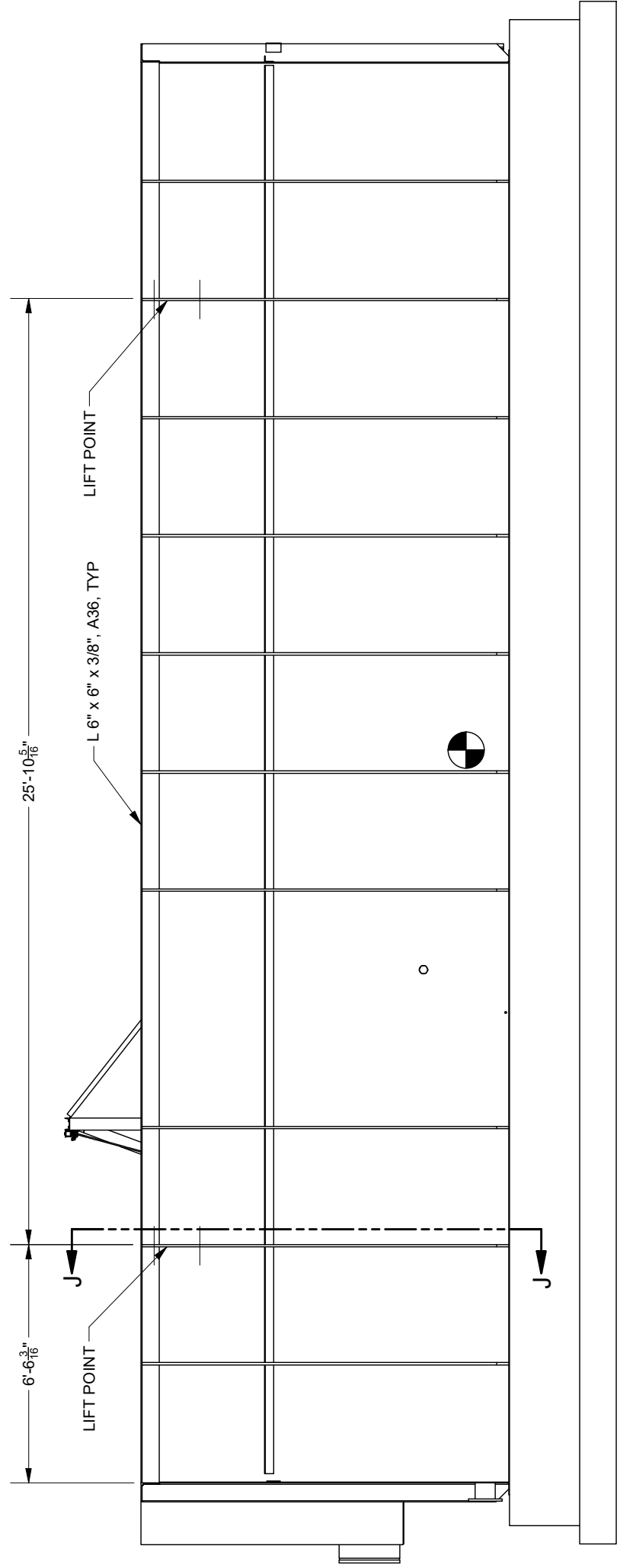
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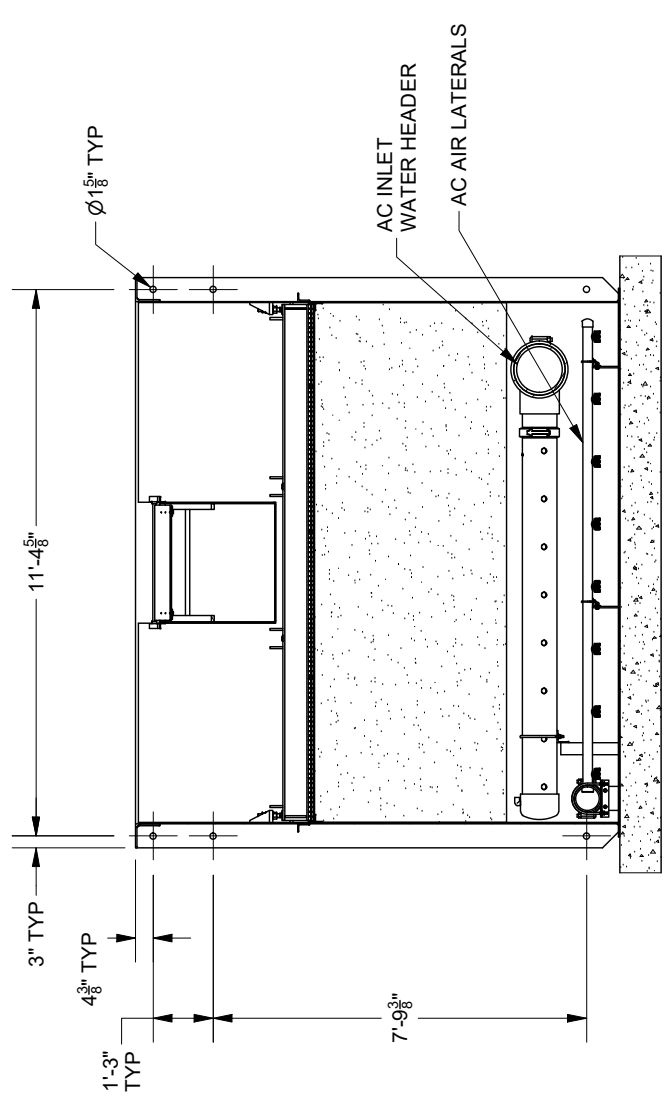
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TITLE: **GENERAL ARRANGEMENT**  
 TRIDENT® TR-840A WATER TREATMENT SYSTEM

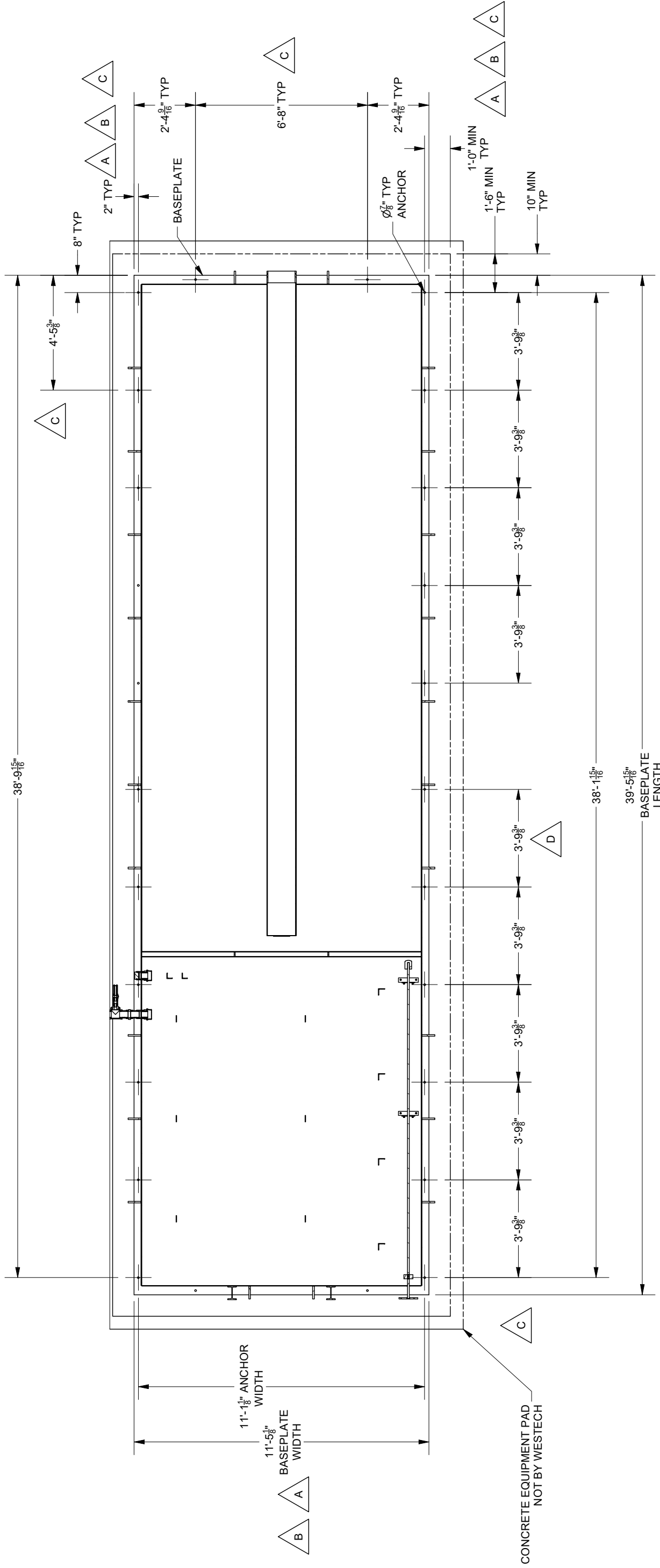
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SIDE ELEVATION  
LIFT POINTS



SECTION J-J  
LIFT POINTS



**SECTION G-G**  
ANCHOR HOLE POSITIONS  
FROM SHEET 2

**6.11.a**

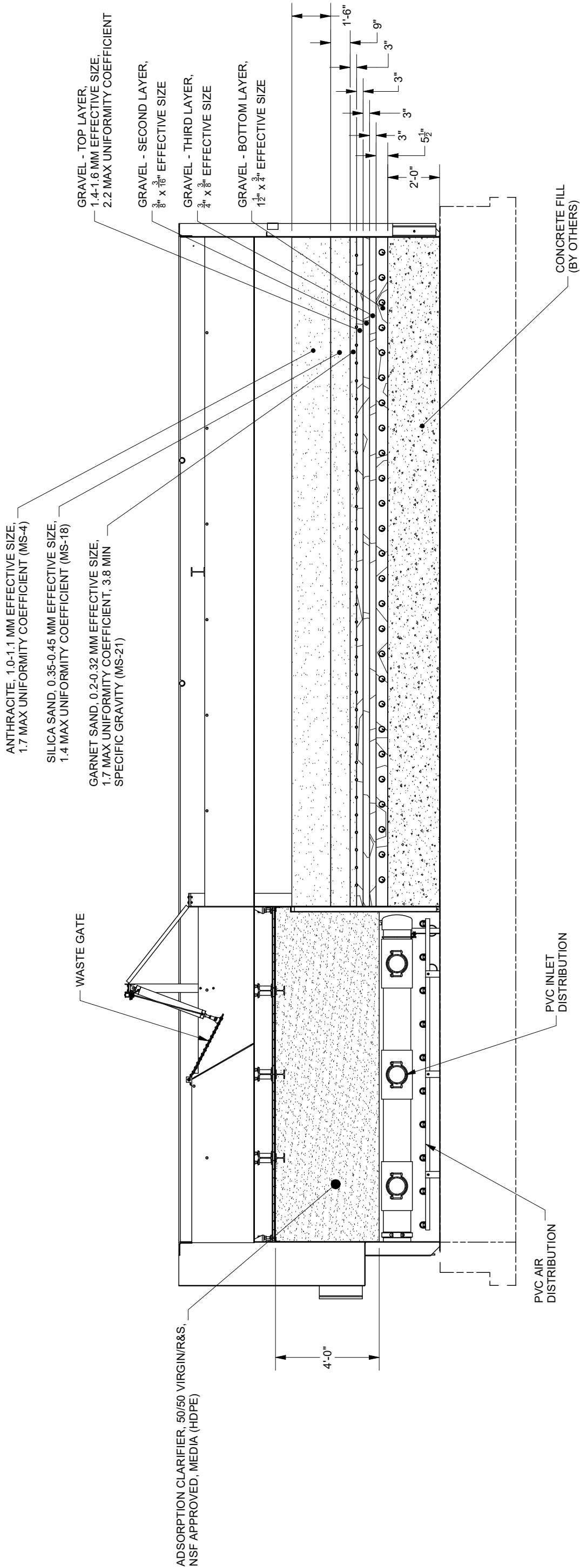
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**TITLE: GENERAL ARRANGEMENT**  
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- NOTES:**
1. ANCHORS ARE BY OTHERS.
  2. PER STAMPED ANCHOR CALCULATIONS A MIN 6" EDGE DISTANCE AND EMBEDMENT DEPTH OF 20" IS REQUIRED.
  3. ANCHOR TYPE AND DIAMETER: HIT-HY 200 V3 + HAS-R 304/316 SS 3/4
  4. MIN EMBED LENGTH: 13" EPOXY FILLED + 6" UNBONDED LENGTH (ASCE 7-16 SECTION 15.7.5)



**SECTION F-F**  
FROM SHEET 1



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NOTES:

1. MEDIA ARE FIELD INSTALLATION BY OTHERS.

NOTES:

1. EQUIPMENT FURNISHED BY WESTECH IS DESCRIBED IN A SEPARATE EQUIPMENT LIST. ADDITIONAL PIPING, PIPE SUPPORTS, AND CONNECTION FITTINGS ARE NOT INCLUDED WITH STANDARD UNIT. MAJOR EQUIPMENT AND COMPONENTS TO BE INSTALLED AT THE JOBSITE BY THE INSTALLING CONTRACTOR.
2. EQUIPMENT CONCRETE PAD DESIGN IS THE RESPONSIBILITY OF THE CONSULTING ENGINEER.
3. DESIGN AND APPLICATION FEATURES ARE DESCRIBED IN TYPICAL SPECIFICATION SHEETS, TECHNICAL DATA SHEET, FLOW SCHEMATIC, ELECTRICAL DIAGRAM AND ELECTRICAL SCHEMATIC. ARRANGEMENT SHOWN IS FOR BELOW-GRADE FINISHED WATER STORAGE.
4. THE STANDARD DESIGN IS FOR INDOOR INSTALLATION.
5. CHECK VALVES OR BACKFLOW PREVENTERS ARE REQUIRED IN BACKWASH LINES AND FURNISHED BY OTHERS (NOT SHOWN ON DRAWING).
6. AUTOMATIC RATE OF FLOW CONTROL LOOPS ON EACH INFLUENT LINE MAINTAIN THE PRE-SET FLOW TO EACH UNIT. INFLUENT FLOW SET POINT MAY BE SET BY THE PLANT OPERATOR USING THE OIT. INFLUENT FLOW CONTROL IS INTERLOCKED WITH FLUSH AND BACKWASH CYCLES.
7. FILTER LIQUID LEVEL CONTROLLERS OPERATE FILTER EFFLUENT AND FILTER-TO-WASTE MODULATING VALVES TO MAINTAIN CONSTANT FILTER LEVEL.
8. CONTROL CIRCUITS PROVIDE FOR AUTOMATIC FLUSH AND BACKWASH CYCLE WITH RETURN TO OPERATING SERVICE, INITIATED BY TIME CLOCK, HIGH HEADLOSS, OR MANUAL PUSHBUTTON.
9. THREE LEVEL SWITCHES WITH DRY CONTACTS SHOULD BE PROVIDED BY THE CUSTOMER AND INSTALLED IN THE FINISHED WATER STORAGE TANK FOR THE AUTOMATIC OPERATION OF THE TRIDENT UNITS. ONE HIGH LEVEL SWITCH WILL STOP THE UNITS, ONE MID LEVEL SWITCH WILL START THE UNITS AND ONE LOW LEVEL SWITCH WILL SERVE AS A MINIMUM LEVEL TO ENABLE THE BACKWASH PROCESS.
10. THE HIGH LEVEL STOP AND THE MID LEVEL START SWITCHES SHOULD BE INSTALLED WITH SUFFICIENT VOLUME BETWEEN THEM TO PREVENT EXCESSIVE CYCLING OF THE TRIDENT UNITS.
11. THE LOW LEVEL BACKWASH ENABLE SWITCH SHOULD BE INSTALLED WHERE THE MINIMUM VOLUME IN THE BACKWASH SUPPLY TANK IS ADEQUATE TO PROVIDE A BACKWASH WITHOUT PULLING AIR INTO THE BACKWASH SUPPLY PUMP. THE MAXIMUM WATER TEMPERATURE SHOULD BE CONSIDERED WHEN CALCULATING THE MINIMUM BACKWASH VOLUME OR LEVEL IN THE TANK.
12. AN AIR RELEASE VALVE (BY OTHERS) IS REQUIRED AT HIGH POINTS OF THE BACKWASH SUPPLY LINE TO VENT ACCUMULATED AIR. THE VALVE(S) ARE TO BE SIZED TO ALLOW THE COMPLETE VOLUME OF THE BACKWASH LINE FROM SOURCE TO FILTER, TO BE VENTED IN 20 SECONDS WITH DIFFERENTIAL OF APPROXIMATELY 10 PSIG, AND BE CAPABLE OF CONTINUOUSLY VENTING ACCUMULATED AIR. FOR INSTALLATIONS UTILIZING VERTICAL TURBINE OR "CAN-TYPE" PUMPS, A SEPARATE "TURBINE AIR VALVE" IS REQUIRED TO VENT THE AIR CONTENTS OF THE PUMP COLUMN WITHOUT LETTING THE AIR INTO THE BACKWASH PIPING.
13. CONSULT WESTECH ENGINEERING FOR OTHER INFLUENT FLOW CONTROL OPTIONS.
14. LOCATION OF FLOW METERS ARE TO BE PER FLOWMETER MANUFACTURER'S WRITTEN RECOMMENDATIONS CONFIRMED BY THE CONSULTING ENGINEER.
15. INFLUENT OPERATING PRESSURE REQUIRED FOR CONTROLLING INFLUENT FLOW MUST BE 20 FEET MINIMUM AT THE TANK CONNECTION. FOR INFLUENT PRESSURE OVER 30 FEET OF HEAD, CONTACT WESTECH ENGINEERING. OPTIONAL STATIC MIXER WILL REQUIRE ADDITIONAL PRESSURE.
16. WASTE SUMP AND SUMP PIPING (BY CUSTOMER) MUST BE SIZED TO GIVE FREE DISCHARGE WITH AN AIRBREAK, FOR MAXIMUM WASTE FLOW.
17. WASTE TROUGH LIP IS POSITIONED ABOVE THE NORMAL OPERATING WATER LEVEL AND BELOW THE TOP OF THE TANK. THIS ALLOWS IT TO ACT AS AN EMERGENCY OVERFLOW.
18. TANK CONNECTIONS ARE FURNISHED STANDARD CUT GROOVED FOR CUT GROOVED STYLE FLEXIBLE COUPLINGS, WITH THE EXCEPTION OF AIR CONNECTIONS. COUPLINGS AND/OR FLANGE ADAPTERS ARE BY OTHERS.
19. TRIDENT MODEL TR-840A TANKS REQUIRE APPROXIMATELY 20.7 CUBIC YARDS OF FILL CONCRETE IN FILTER AREA.

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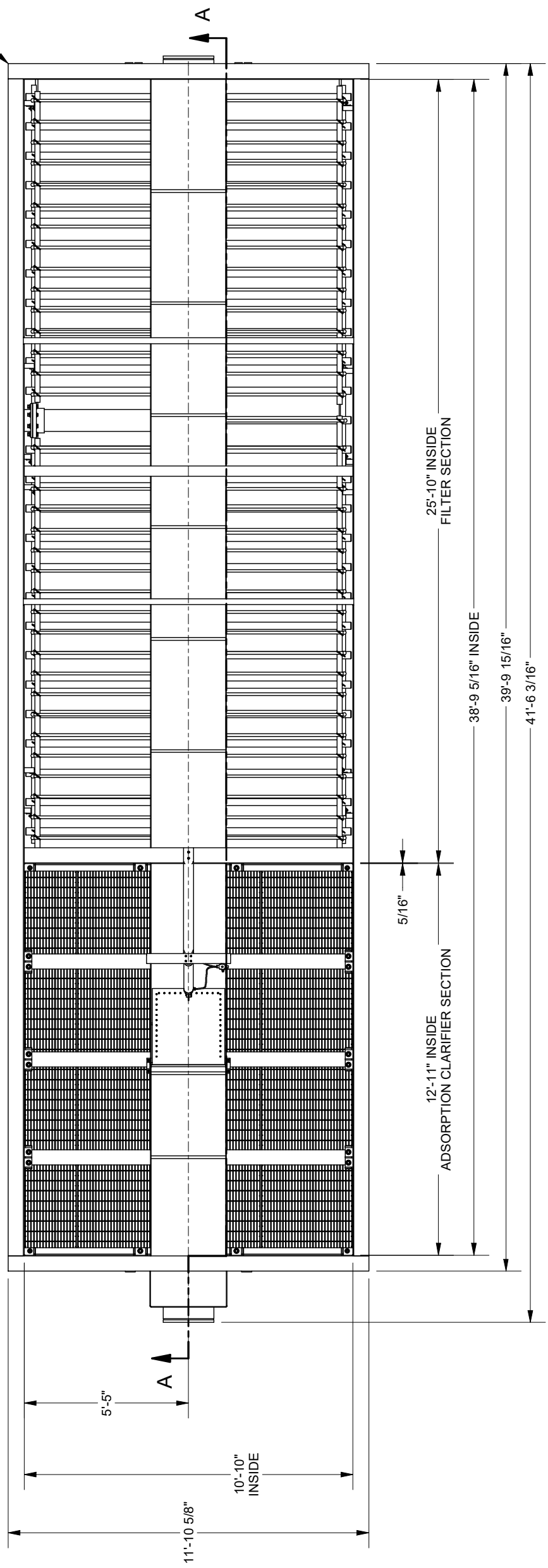
TITLE **GENERAL ARRANGEMENT**

TRIDENT® TR-840A WATER TREATMENT SYSTEM

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PLAN

NOTES:

1. FOLLOW THE LISTED WESTECH REFERENCE DOCUMENTS EXCEPT AS NOTED ON THIS DRAWING.
2. FLANGED AND GROOVED TANK NOZZLES PROJECT 6 INCHES FROM THE OUTSIDE FACE OF THE TANK WALL
3. GROOVED CONNECTIONS ARE STANDARD CUT GROOVE FOR STANDARD SCHEDULE PIPE SIZES. DO NOT USE ADVANCED GROOVE FITTINGS.
4. FILTER AIR CONNECTION HAS BEEN LOCATED IN THE SIDE OF THE FILTER. PLEASE NOTE THAT THIS DIFFERS FROM PLAN DOCUMENTS. PLACEMENT IN THE END WALL OF THE FILTER. THE SELECTED LOCATION MINIMIZES FABRICATION AND INSTALLATION TOLERANCE ISSUES. CHANGES ARE NOTED BY STARS ON THE DRAWING.
5. QUANTITIES IN THE BILL OF MATERIAL ARE FOR ONE NEW TANK. COMPONENTS FOR THREE NEW TANKS ARE PROVIDED.

BACKCHARGES FOR FIELDWORK OF ANY KIND ARE NOT ACCEPTABLE WITHOUT PRIOR WRITTEN AUTHORIZATION BY WESTECH ENGINEERING, LLC.



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**TANK COMPONENTS**

TRIDENT® TR-840A WATER TREATMENT SYSTEM

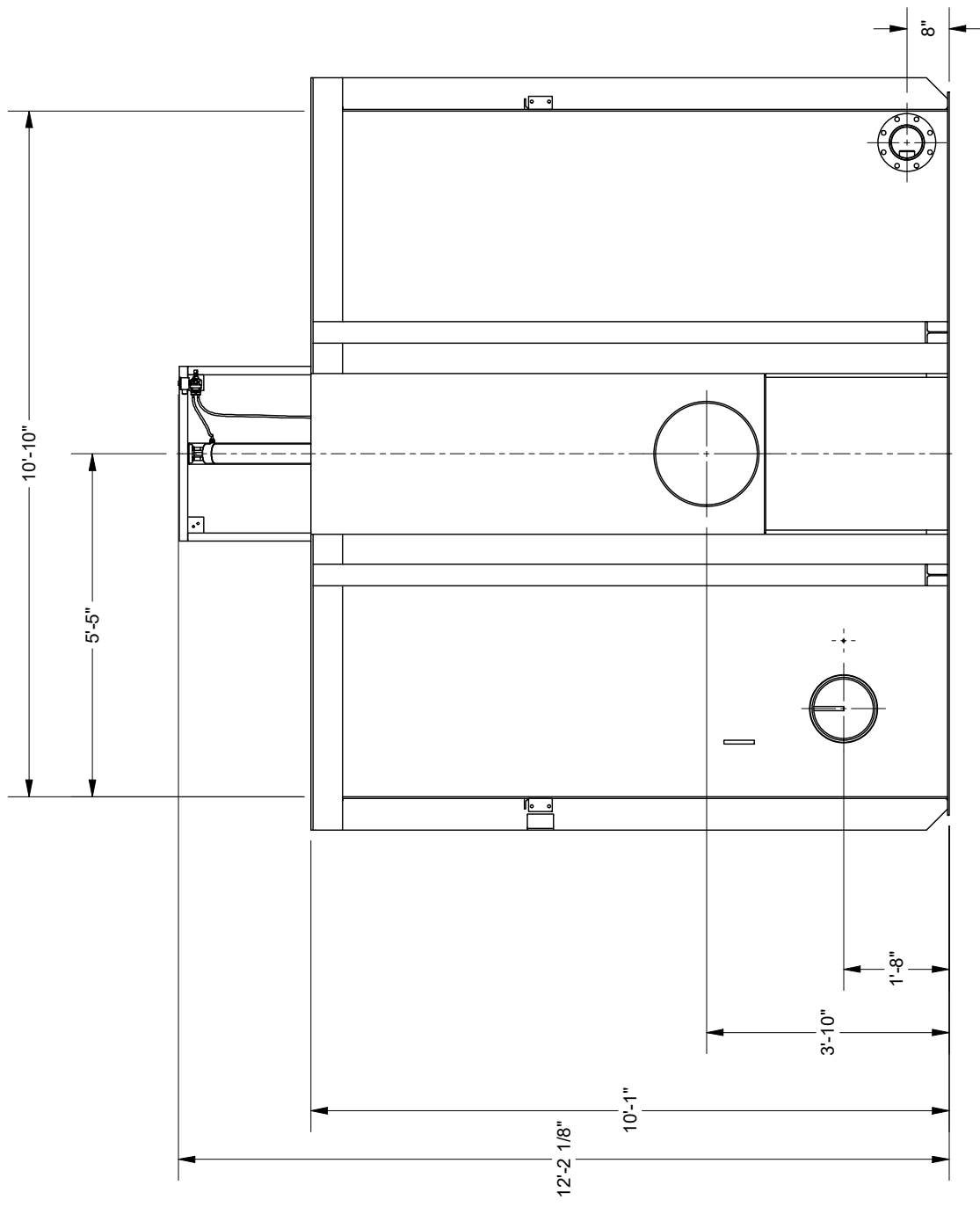
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PE84	BA92	DE111	2023-01-23
JOB NUMBER	DOCUMENT NUMBER	SHEET	
24862A	0002885571	1 OF 8	

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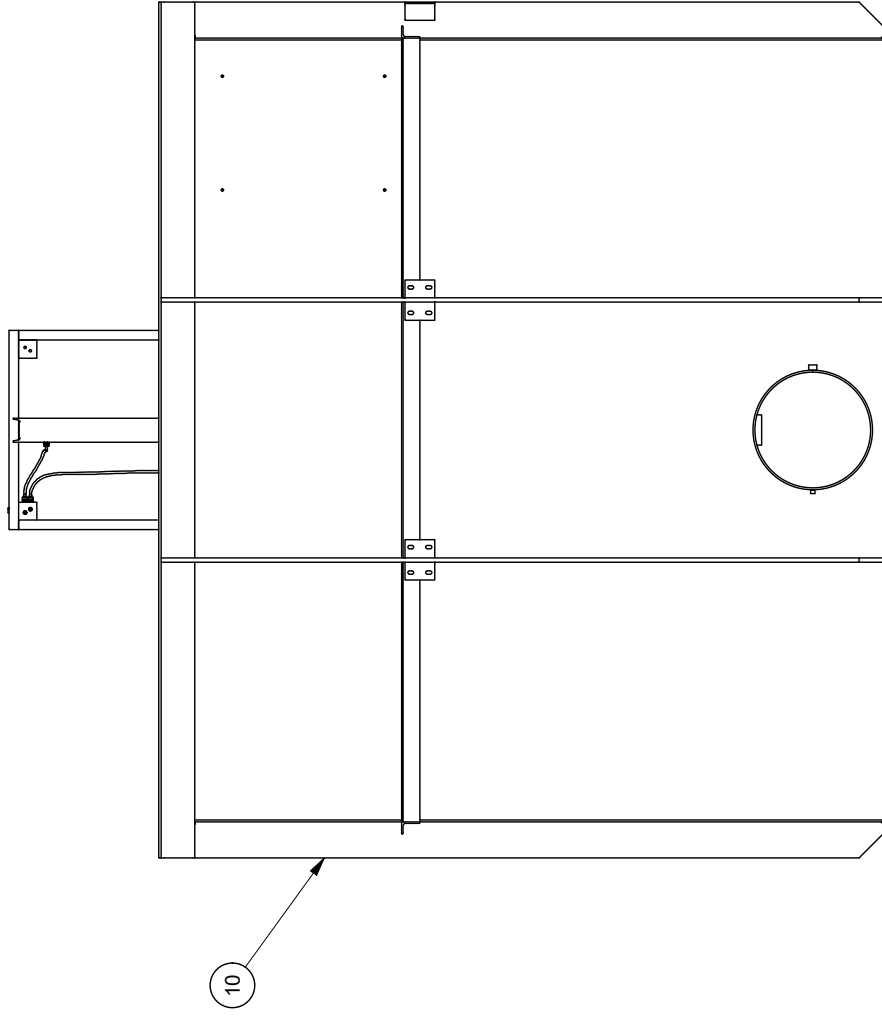
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INFLUENT END



EFFLUENT END

**WESTECH<sup>®</sup>**

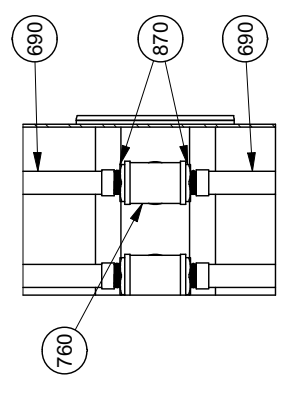
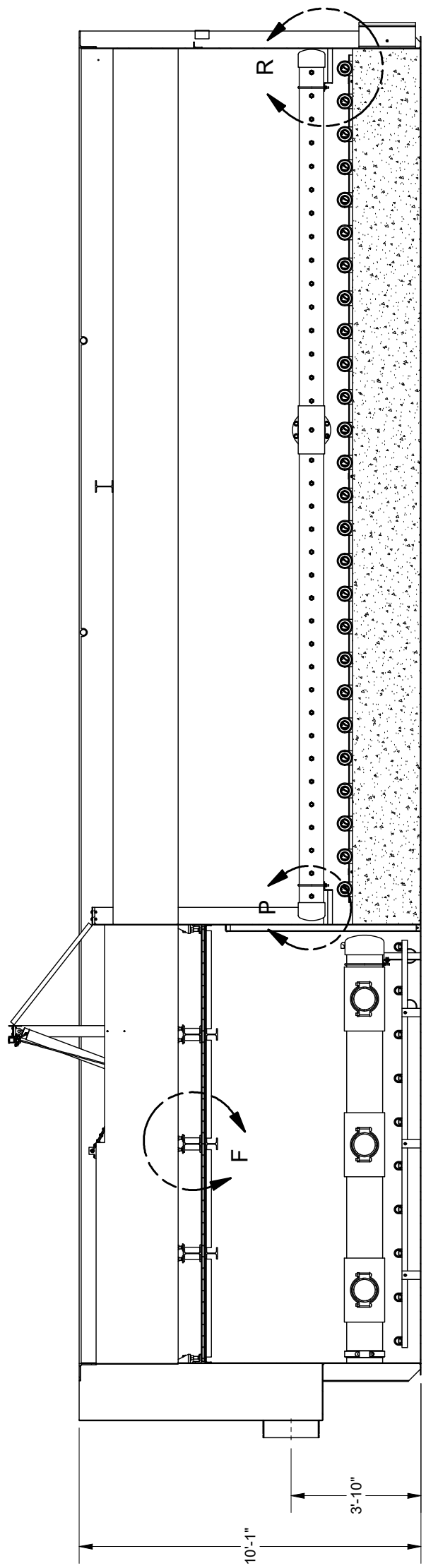
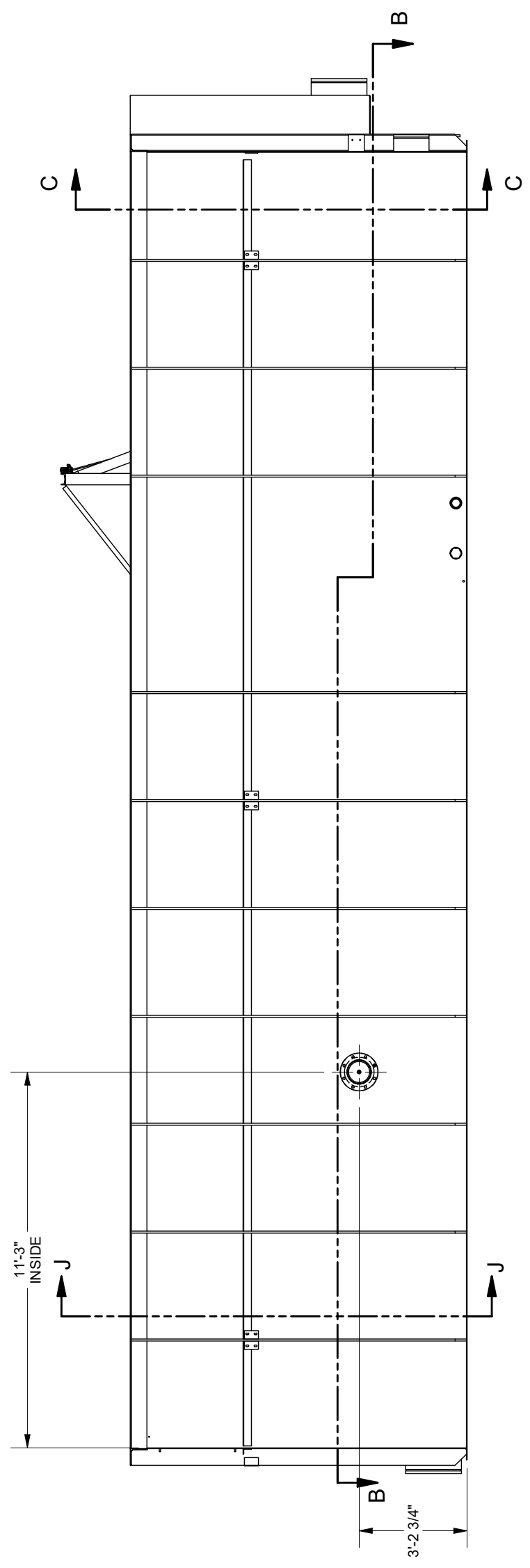
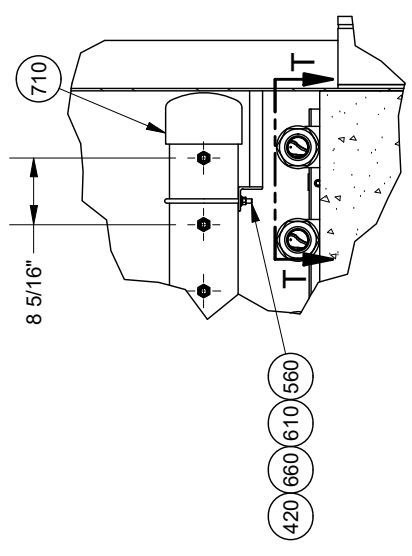
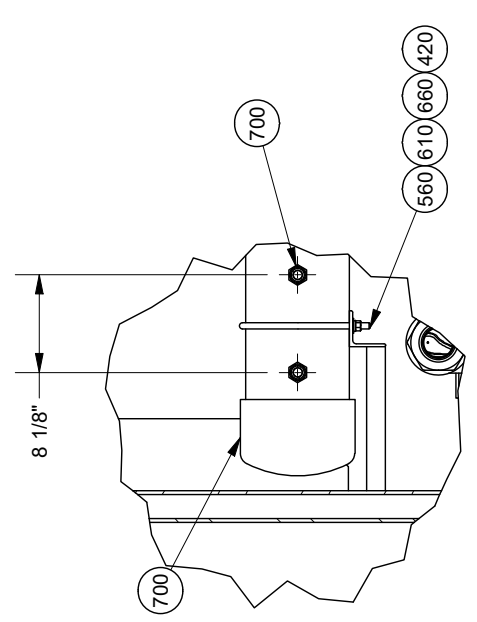
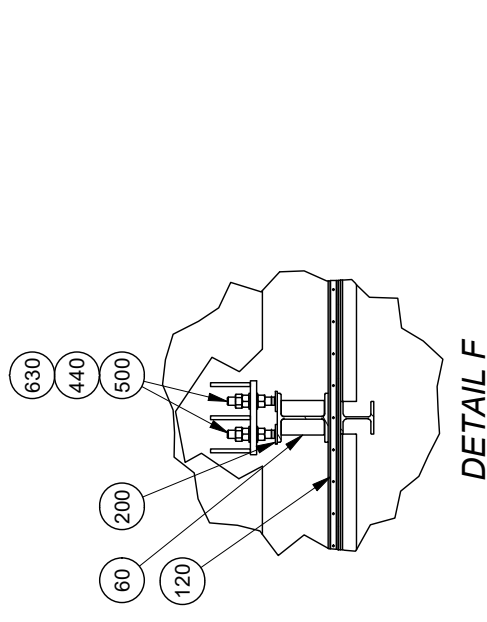
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**TANK COMPONENTS**

**TRIDENT<sup>®</sup> TR-840A WATER TREATMENT SYSTEM**

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JOB NUMBER	DOCUMENT NUMBER	SHEET	
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**6.11.a**



**WESTTECH®**

**TANK COMPONENTS**  
TRIDENT® TR-840A WATER TREATMENT SYSTEM

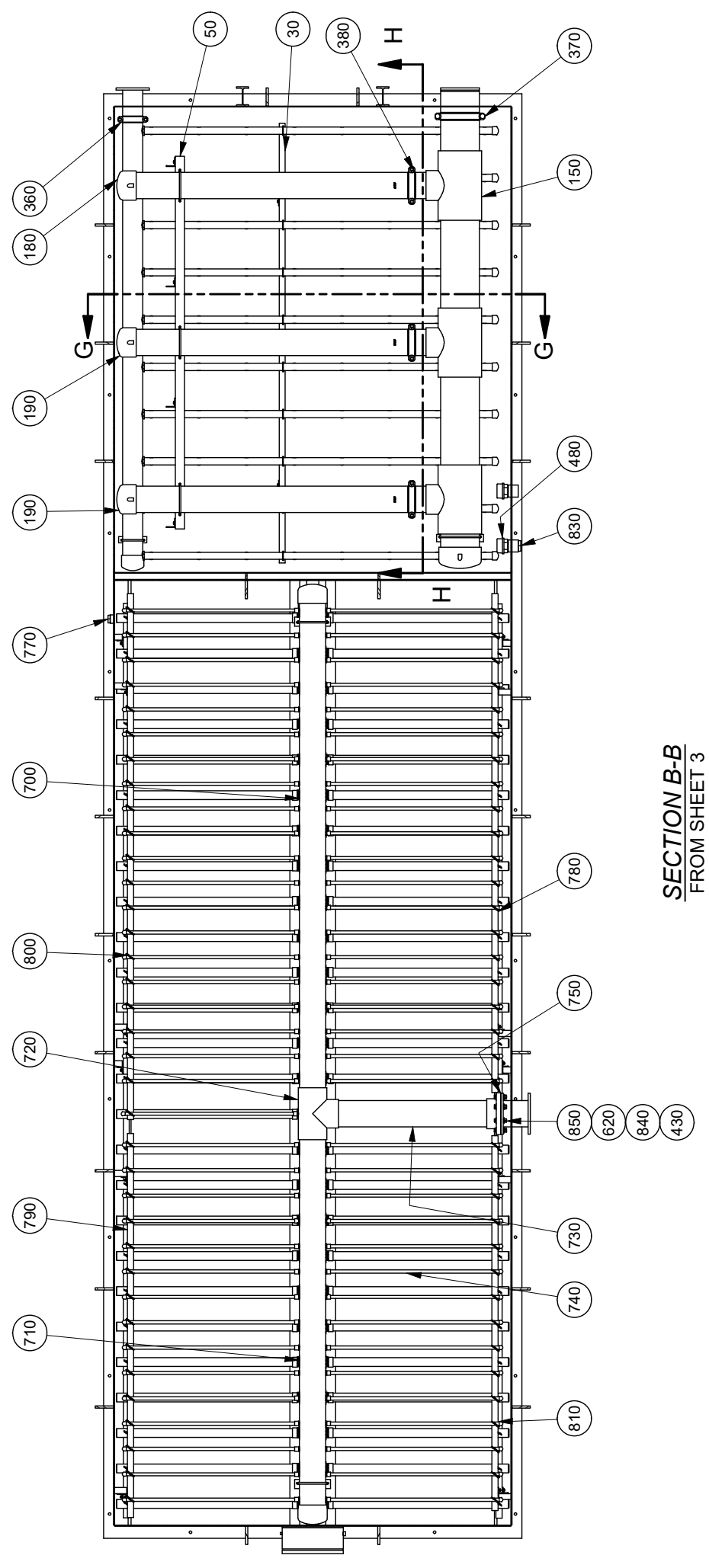
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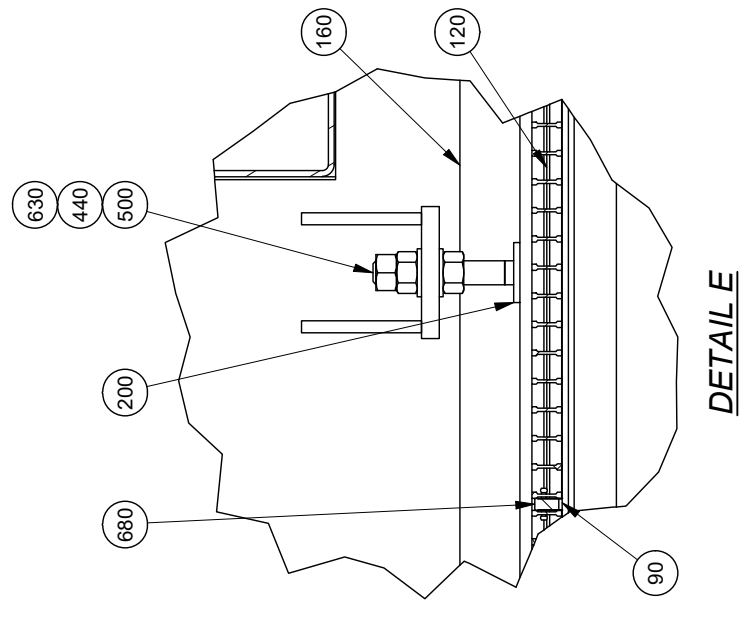
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TRIDENT® TR-840A WATER TREATMENT SYSTEM

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JOB NUMBER	DOCUMENT NUMBER	SHEET	
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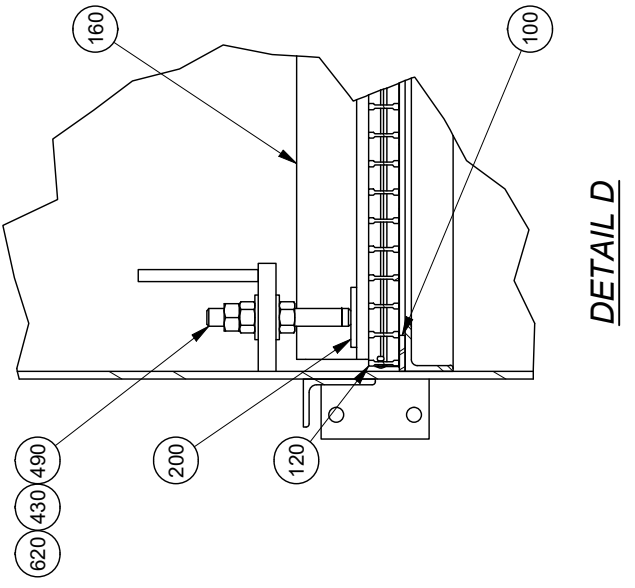
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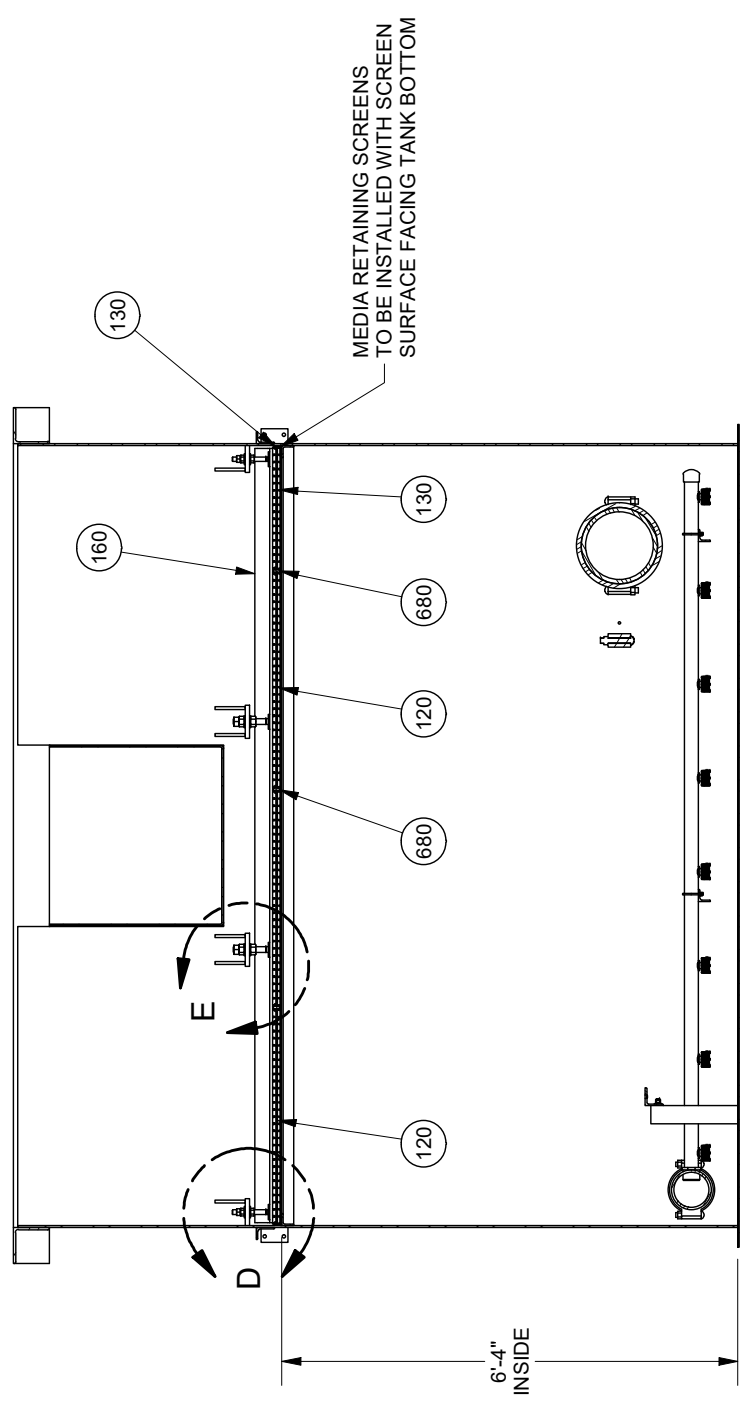
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FROM SHEET 3



**DETAIL E**

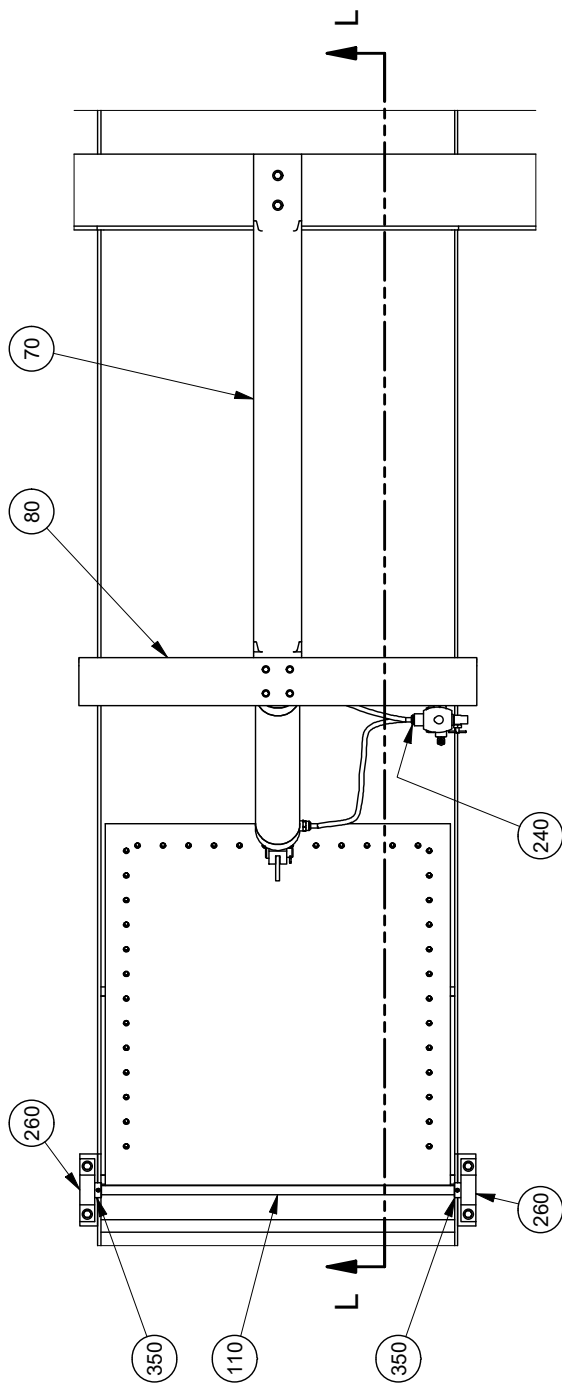


**DETAIL D**

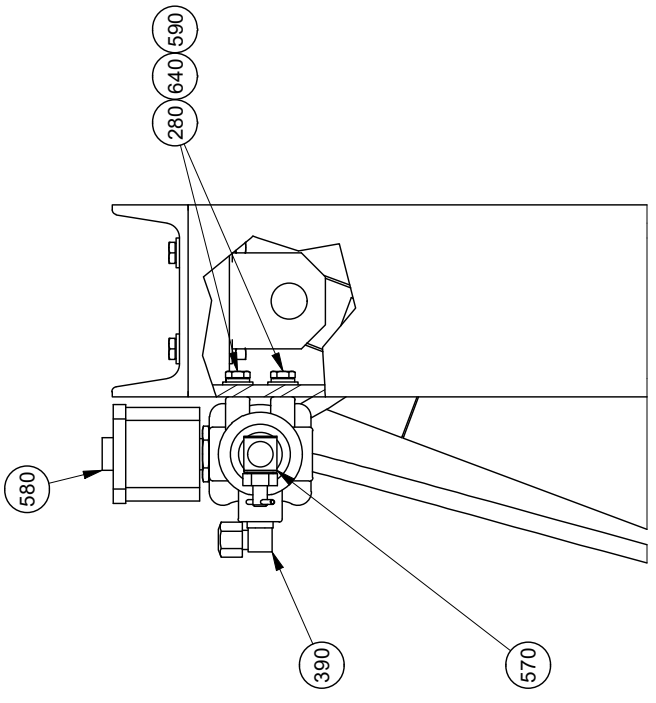


**SECTION C-C**  
FROM SHEET 3

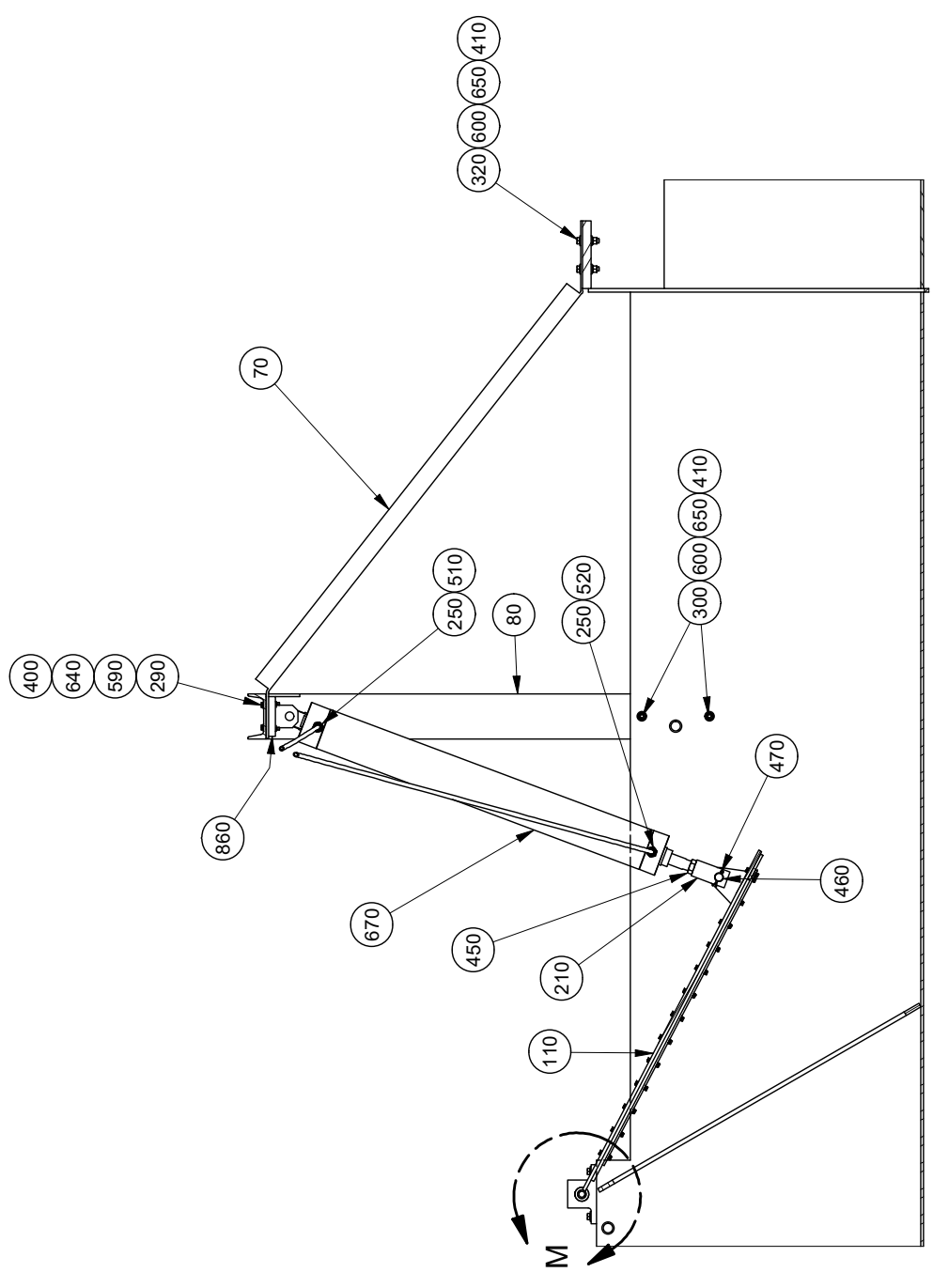




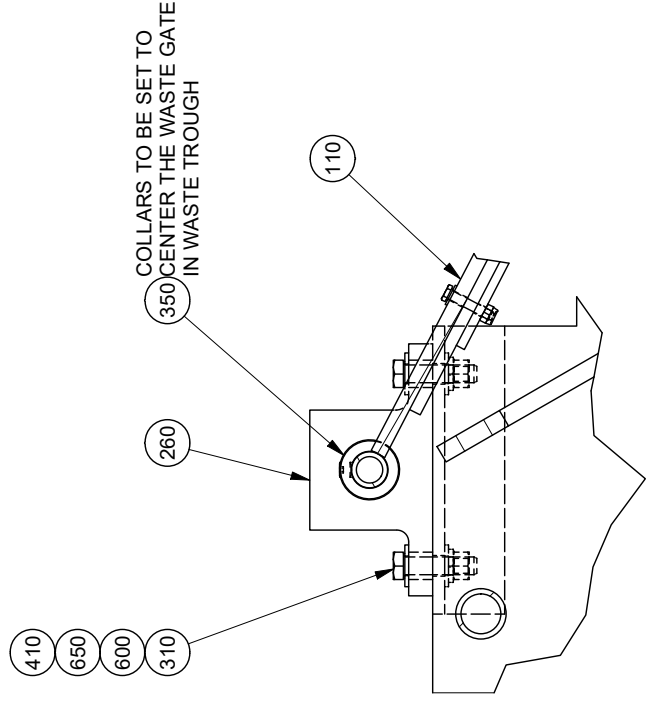
WASTE GATE ASSEMBLY



SOLENOID VALVE



SECTION L-L



DETAIL M

**WESTECH®**

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**TANK COMPONENTS**  
**TRIDENT® TR-840A WATER TREATMENT SYSTEM**

DESIGNER	CHECKER	APPROVER	DATE
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JOB NUMBER	DOCUMENT NUMBER	SHEET	
24862A	0002885571	6 OF 8	

6.11.a



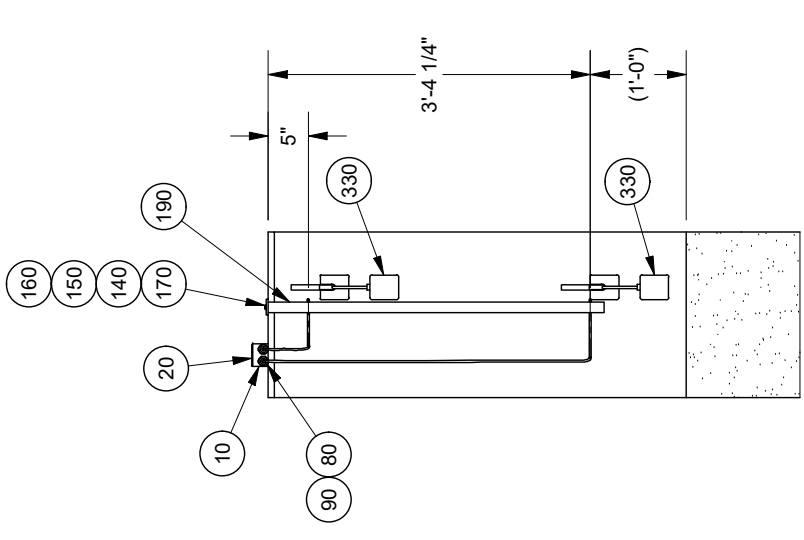
BILL OF MATERIAL															
PIECE	UNIT QTY	PART NO	DESCRIPTION	MATERIAL	LENGTH	WIDTH	TOTAL WT, LB	PIECE	UNIT QTY	PART NO	DESCRIPTION	MATERIAL	LENGTH	WIDTH	TOTAL WT, LB
10	1	0002885518	TANK FABRICATION, TRIDENT® TR-840 WATER TREATMENT SYSTEM	STL			30806.0	510	1	2-48809	TUBE, EXTRUDE, 0.375 OD x 0.0625 WALL x 60, WHITE, SEMI-CLEAR, FOOD GRADE	PE			0.0
20	2	1-12729	ANGLE, SUPPORT, AC AIR DIST HEADER, TR-840A	304-304L			5.0	520	1	2-48809	TUBE, EXTRUDE, 0.375 OD x 0.0625 WALL x 60, WHITE, SEMI-CLEAR, FOOD GRADE	PE			0.1
30	2	1-12277	ANGLE, SUPPORT, AC AIR DIST LATERAL, TR-840A	304-304L			79.0	530	20	2-7769	U-BOLT, RND BEND, 0.25-20UNC x 2 PIPE SIZE x 3.25 LG	304			2.4
40	1	1-12728	ANGLE, SUPPORT, AC INFLUENT HEADER, TR-840A	304-304L			5.3	540	1	2-11153	U-BOLT, RND BEND, 0.5-13UNC x 12 PIPE SIZE x 15.25 LG	304			2.2
50	1	1-12276	ANGLE, SUPPORT, AC INFLUENT LATERAL, TR-840A	304-304L			50.8	550	2	2-7781	U-BOLT, RND BEND, 0.5-13UNC x 6 PIPE SIZE x 8.375 LG	304			2.4
60	3	1-12281	BEAM, MEDIA RETAINER, HOLD DOWN, TR-840	STL			825.2	560	5	2-7783	U-BOLT, RND BEND, 0.5-13UNC x 8 PIPE SIZE x 10.375 LG	304			7.5
70	1	1-10212	BRACE, WASTE GATE FRAME, TR-840A	A36			22.9	570	1	2-10656	VALVE, NEEDLE, 0.25 FNPT x 0.25 MNPT	BRS			0.2
80	1	1-9703	FRAME, SUPPORT, WASTE GATE CYLINDER, TR-840A	A36			54.0	580	1	2-11246	VALVE, SOLENOID, NC, 0.25 x FNPT, 120VAC, 60HZ	BRASS			2.4
90	2	1-48421	GASKET, MEDIA RETAINER, 0.25 x 1.5 x 130	NPRN			3.3	590	50	2-5402	WISHR, FLAT, 0.25	304			0.2
100	2	1-48422	GASKET, MEDIA RETAINER, 0.25 x 1.5 x 152	NPRN			3.8	600	68	2-5404	WISHR, FLAT, 0.375	304			0.8
110	1	1-9707	GATE, WASTE, ASSEMBLY, TR-840A	304-304L			96.2	610	28	2-5405	WISHR, FLAT, 0.5	304			0.9
120	3	1-12279	GRATING, AC MEDIA RETAINER A, TR-840A	SST-AL			367.8	620	24	2-5407	WISHR, FLAT, 0.75	304			2.1
130	1	1-12280	GRATING, AC MEDIA RETAINER B, TR-840A	SST-AL			70.6	630	32	2-5409	WISHR, FLAT, 1	304			3.4
140	1	1-12284	HEADER, AIR DISTRIBUTION, AC, TR-840A	PVC			67.1	640	46	2-5415	WISHR, LOCK, MDM SPLIT, 0.25	304			0.1
150	1	1-13068	HEADER, INFLUENT, AC, TR-840A, TANK B	PVC			329.7	650	34	2-5433	WISHR, LOCK, MDM SPLIT, 0.375	304			0.2
160	2	0003532637	L 3 x 3 x 0.5 x 129	PVC			202.1	660	22	2-5434	WISHR, LOCK, MDM SPLIT, 0.5	304			0.3
170	10	1-12275	LATERAL, AIR DISTRIBUTION, AC, TR-840A	PVC			92.7	670	1	2-11120	CYL, PNEU, 3.25 BORE, 29 STRK, DBL ACT, PIVOT MNT	304			22.2
180	1	1-12282	LATERAL, INFLUENT, AC, TR-840A, STYLE A	PVC			69.1	680	3	2-8022	GASKET, STRIP, 0.5 THK x 1.0 WIDE, 1 SIDE(S) SKINNED, WITH ADHESIVE ON 1 SIDE(S)	NPRN	154		7.8
190	2	1-12283	LATERAL, INFLUENT, AC, TR-840A, STYLE B	PVC			138.3	690	52	0002890199	EFFLUENT LATERAL PIPE ASSEMBLY				978.8
200	20	1-10213	PL 0.25 x 2.5 x 2.5	304			9.0	700	1	0002890191	FILTER AIR HEADER PIPE ASSEMBLY				119.9
210	1	1-9696	ROD CLEVIS, FABRICATED, 0.75-16UNF ROD, 3.125 LG, 0.75 PIN	304-304L			1.5	710	1	0002890192	FILTER AIR HEADER PIPE ASSEMBLY SHORT				93.9
220	80	2-11030	STRAINER, MEDIA RETAINING, 0.75 MNPT, 640 STYLE	ABS-SST			11.9	720	1	0002890207	TEE, SCH 40, 6 SOC				14.4
230	1	2-10985	ADHESIVE, MULTIPURPOSE, 24FL OZ AEROSOL, CLEAR	---			1.1	730	1	0002890209	FILTER AIR HEADER PIPE				45.4
240	2	2-11227	ADPTR, TUBE, RDCG, 150LB, 0.375 PUSH x 0.25 MPFT	ACETAL			0.0	740	71	0002890193	LATERAL, SLOTTED, 41 LONG ASSEMBLY				30.8
250	2	2-11228	ADPTR, TUBE, RDCG, 150LB, 0.375 PUSH x 0.5 MPFT	ACETAL			0.1	750	1	2-2732	GSKT, FLG, FULL FACE, 150LB, 8, 0.125 THK	NPRN			0.3
260	2	1-28893	BEARING, PLBLK, 0.75 SHAFT, 2 MOUNTING HOLES, SOLID HOUSING	UHMWPE			0.6	760	26	2-8426	TEE, 150LB, 4 FNPT	316			339.9
280	2	2-6318	CAP SCR, HEX, 0.25-20UNC x 0.5, FULL THREAD	304			0.0	770	1	2-25623	PLUG, PIPE, HEX HEAD, SOLID, 2 MNPT, BLK	A105			2.2
290	4	2-6323	CAP SCR, HEX, 0.25-20UNC x 1.25	304			0.1	780	1	0002937290	LATERAL SUPPORT ANGLE RIGHT LONG				45.0
300	28	2-6354	CAP SCR, HEX, 0.375-16UNC x 1.25	304			1.6	790	1	0002937288	LATERAL SUPPORT ANGLE LEFT				34.6
310	4	2-6355	CAP SCR, HEX, 0.375-16UNC x 1.5	304			0.3	800	1	0002937287	LATERAL SUPPORT ANGLE RIGHT				47.4
320	2	2-6356	CAP SCR, HEX, 0.375-16UNC x 1.75	304			0.1	810	1	0002937289	LATERAL SUPPORT ANGLE LEFT SHORT				33.8
330	4	2-6370	CAP SCR, HEX, 0.5-13UNC x 1.5	304			0.5	820	123	2-36268	CABLE TIE, 11 LG, 0.18 WD, STANDARD, LOCKING	304			1.2
340	2	2-6371	CAP SCR, HEX, 0.5-13UNC x 1.75	304			0.3	830	1	2-25625	PLUG, PIPE, HEX HEAD, SOLID, 3 MNPT, BLK	A105			5.5
350	2	2-3809	COLLAR, SHAFT, SET SCREW, SOLID, 0.75	303			0.3	840	8	2-5436	WISHR, LOCK, MDM SPLIT, 0.75	304			0.3
360	1	2-32669	CPLG, PIPE, FLEX, 6 GRV	316			11.3	850	8	2-6510	CAP SCR, HEX, 0.75-10UNC x 3.5	304			4.7
370	1	2-32672	CPLG, PIPE, FLEX, 12 GRV	316			24.4	860	1	2-46744	BRACKET, CLEVIS, 0.75 PIN DIA	SST			3.3
380	3	2-32670	CPLG, PIPE, FLEX, 8 GRV	316			55.5	870	52	2-56797	BUSHING, PIPE, OUTSIDE HEX, 150LB, 4 MNPT x 2.5 FNPT	316			88.4
390	1	2-7071	ELBOW, RDCG, 90 DEG, 3000LB, 0.375 CPRSN x 0.25 MNPT	BRS			0.1	880	26	2-56810	NIPPLE, PIPE, PLAIN, TBE, NPT, SCH 40, 4 x CLOSE, N/A	CHANGE ME			67.6
400	44	2-5882	NUT, HEX, 0.25-20UNC	304			0.4	890	52	2-56800	NIPPLE, PIPE, PLAIN, TBE, NPT, SCH 40S, 2.5 x 3 LG	316-316L			49.4
410	34	2-5887	NUT, HEX, 0.375-16UNC	304			0.6	900	1	0003254212	EFFLUENT LATERAL SIDE SUPPORT ANGLE				82.4
420	22	2-5890	NUT, HEX, 0.5-13UNC	304			1.0	910	1	0003256849	EFFLUENT LATERAL SIDE SUPPORT ANGLE, SIDE BACK				82.4
430	20	2-5895	NUT, HEX, 0.75-10UNC	304			2.8								
440	48	2-5906	NUT, HEX, 1-8UNC	304			16.0								
450	1	2-5980	NUT, JAM, 0.75-16UNF	304			0.1								
460	1	2-11060	PIN, CLEVIS, FLAT HEAD x HOLE END, 0.75 DIA, 2 LG	304			0.3								
470	1	2-11075	PIN, COTTER, EXT PRONG, CHISEL PT, 0.125 x 1.25	18-8			0.0								
480	2	2-10949	STRAINER, SUCTION SCREEN, 3 MNPT, 10 MESH	NYL			3.0								
490	4	2-7579	STUD, FULL THD, 0.75-10 UNC x 6	304			3.0								
500	16	2-7580	STUD, FULL THD, 1-8 UNC x 6	304			21.6								



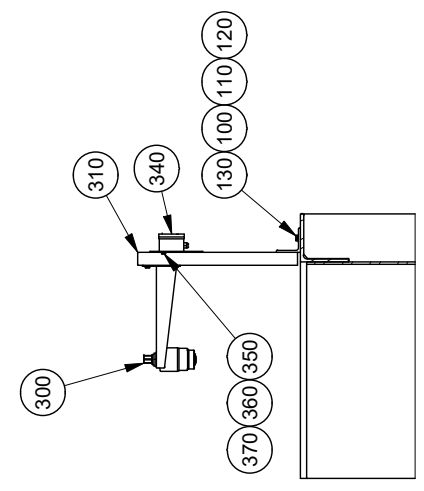
**TANK COMPONENTS**  
TRIDENT® TR-840A WATER TREATMENT SYSTEM

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JOB NUMBER 24862A	DOCUMENT NUMBER 0002885571	SHEET 8 OF 8	



SECTION A-A



SECTION B-B

NOTES:

1. FOLLOW THE LISTED WESTECH REFERENCE DOCUMENTS EXCEPT AS NOTED ON THIS DRAWING.

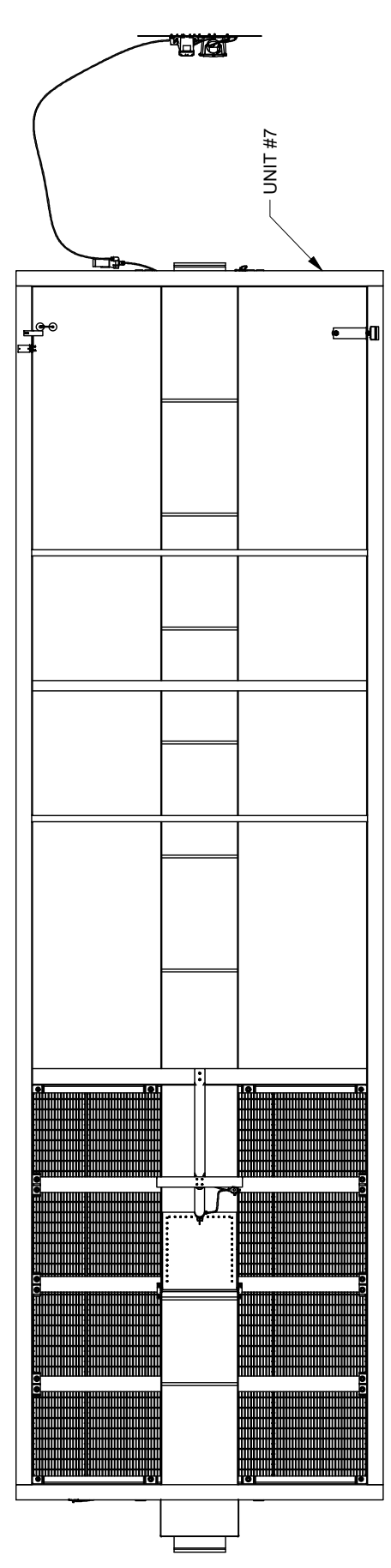
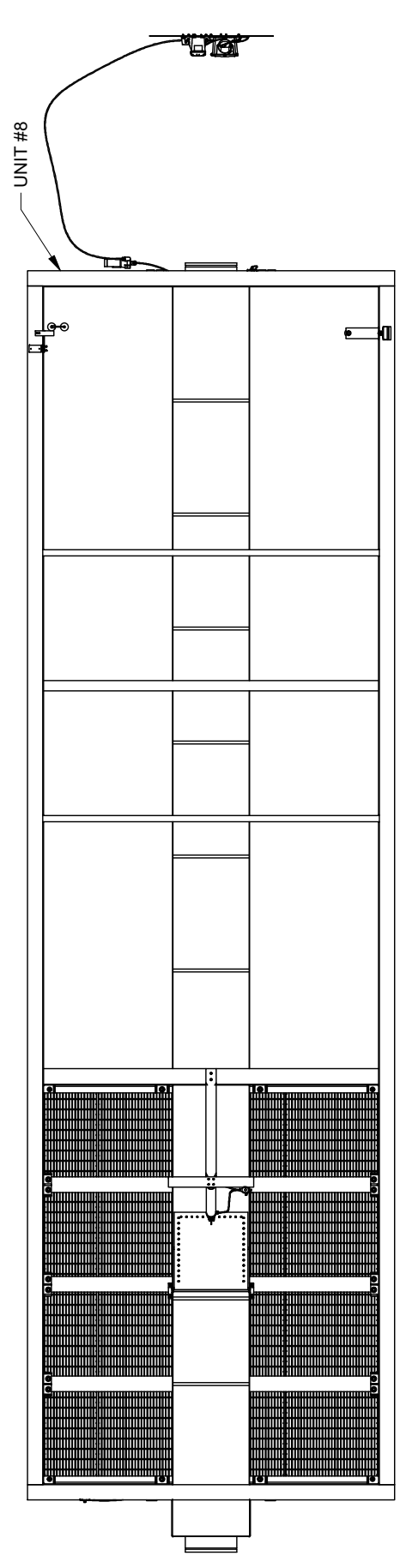
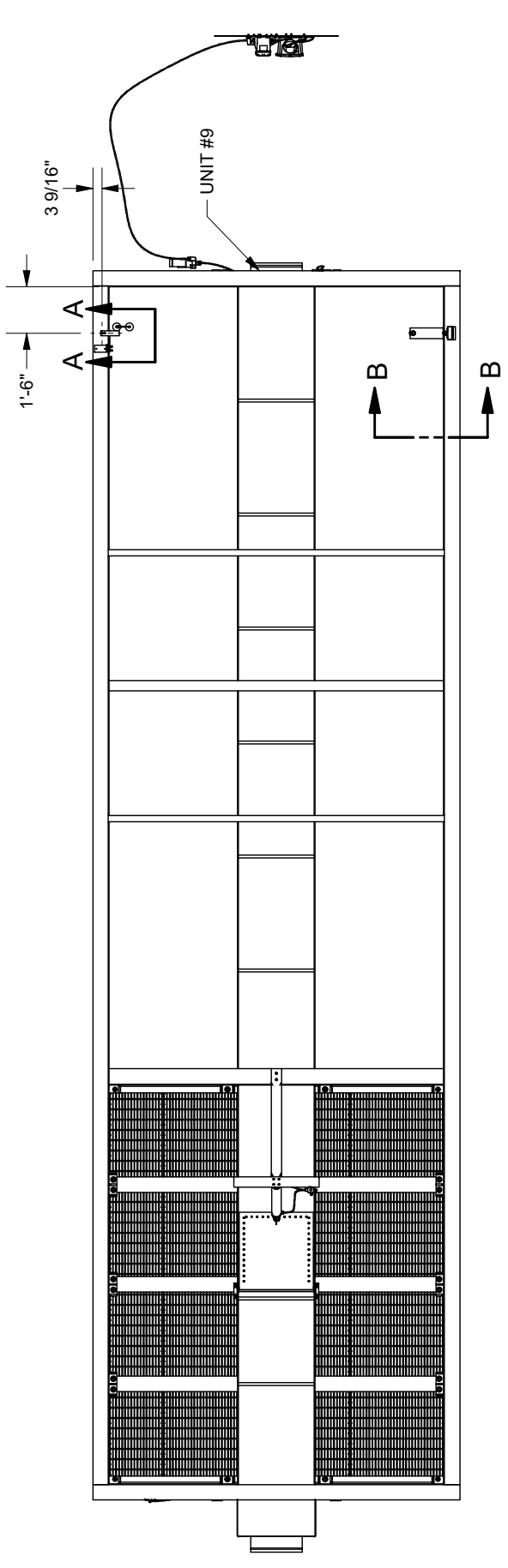
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INSTRUMENTATION COMPONENTS, THREE UNITS  
TRIDENT® TR-840A, WATER TREATMENT SYSTEM

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JOB NUMBER	DOCUMENT NUMBER		SHEET		1 OF 4		
24862A	0003053858						

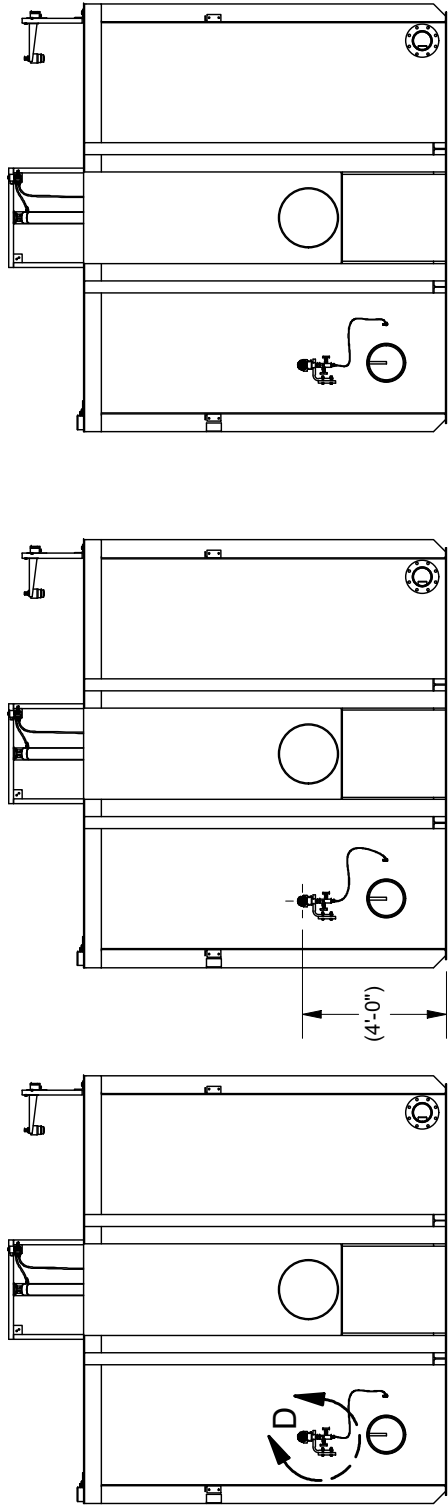


PLAN VIEW

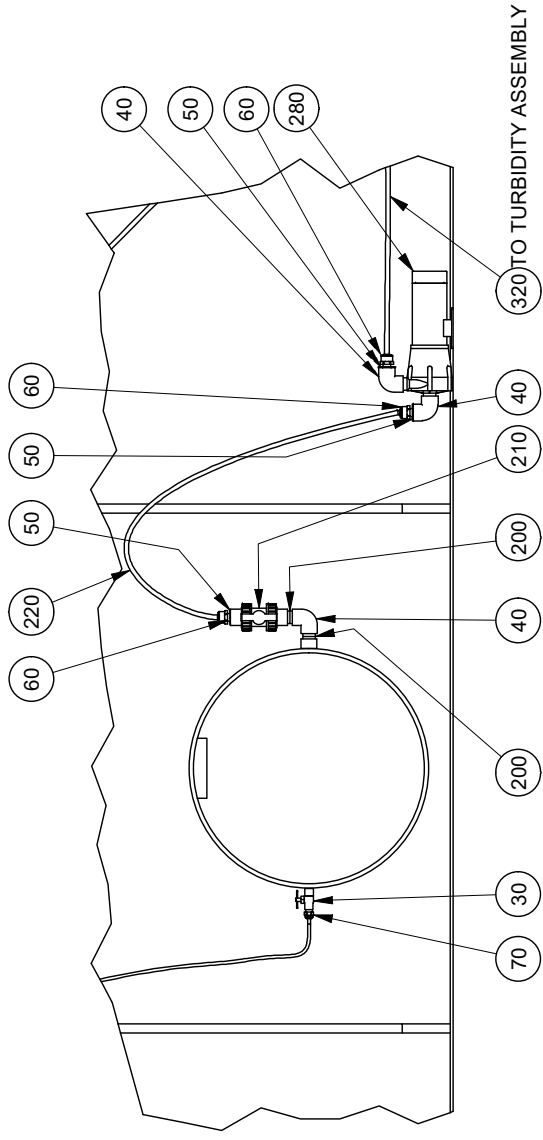
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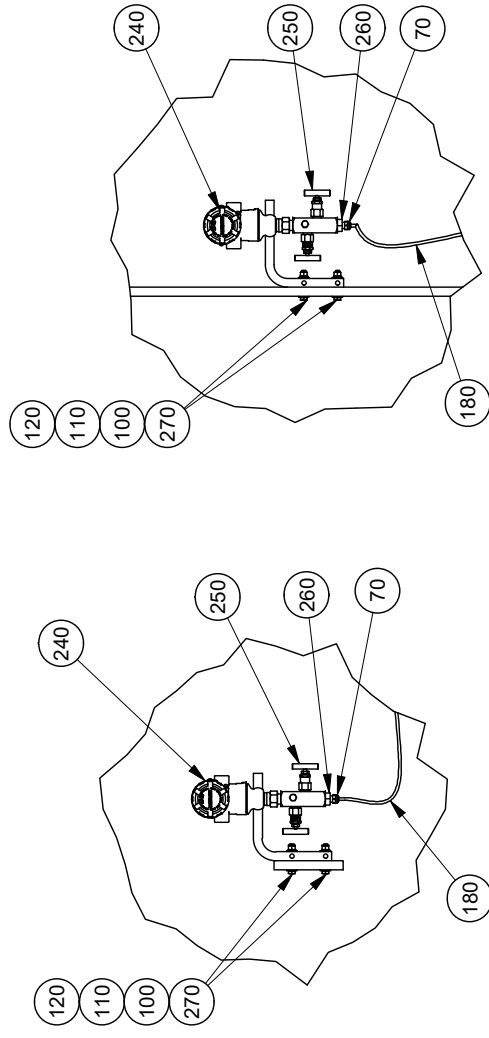
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DETAIL C

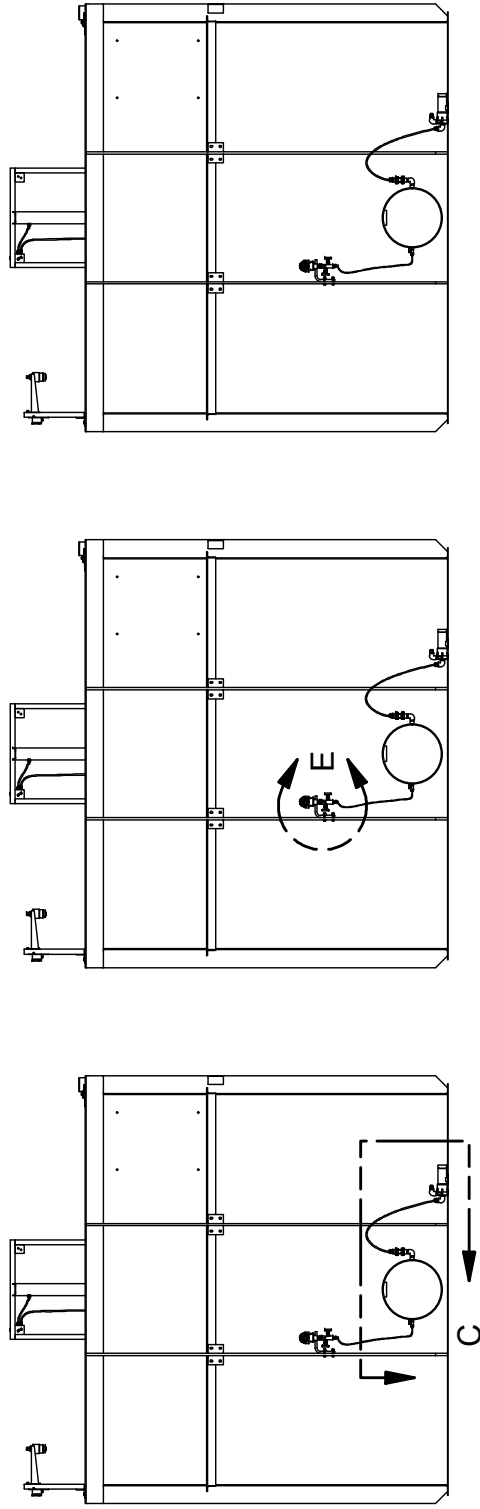
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EFFLUENT TURBIDITY SAMPLE PUMP  
FILED MOUNTED BY OTHERS



DETAIL D

DETAIL E



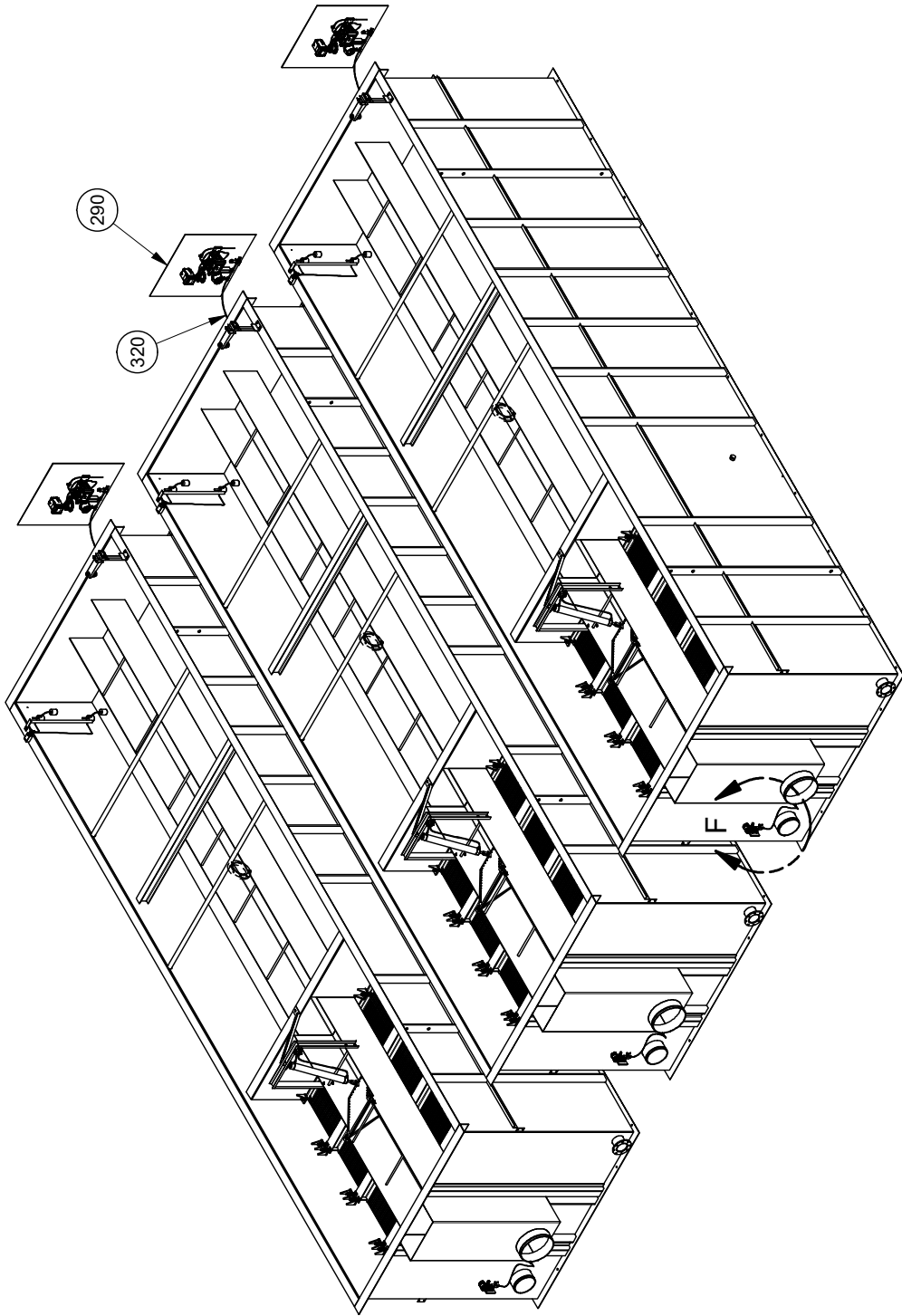
EFFLUENT END ELEVATION  
CUSTOM TURBIDITY PANELS ARE NOT SHOWN

**WESTTECH**<sup>®</sup>

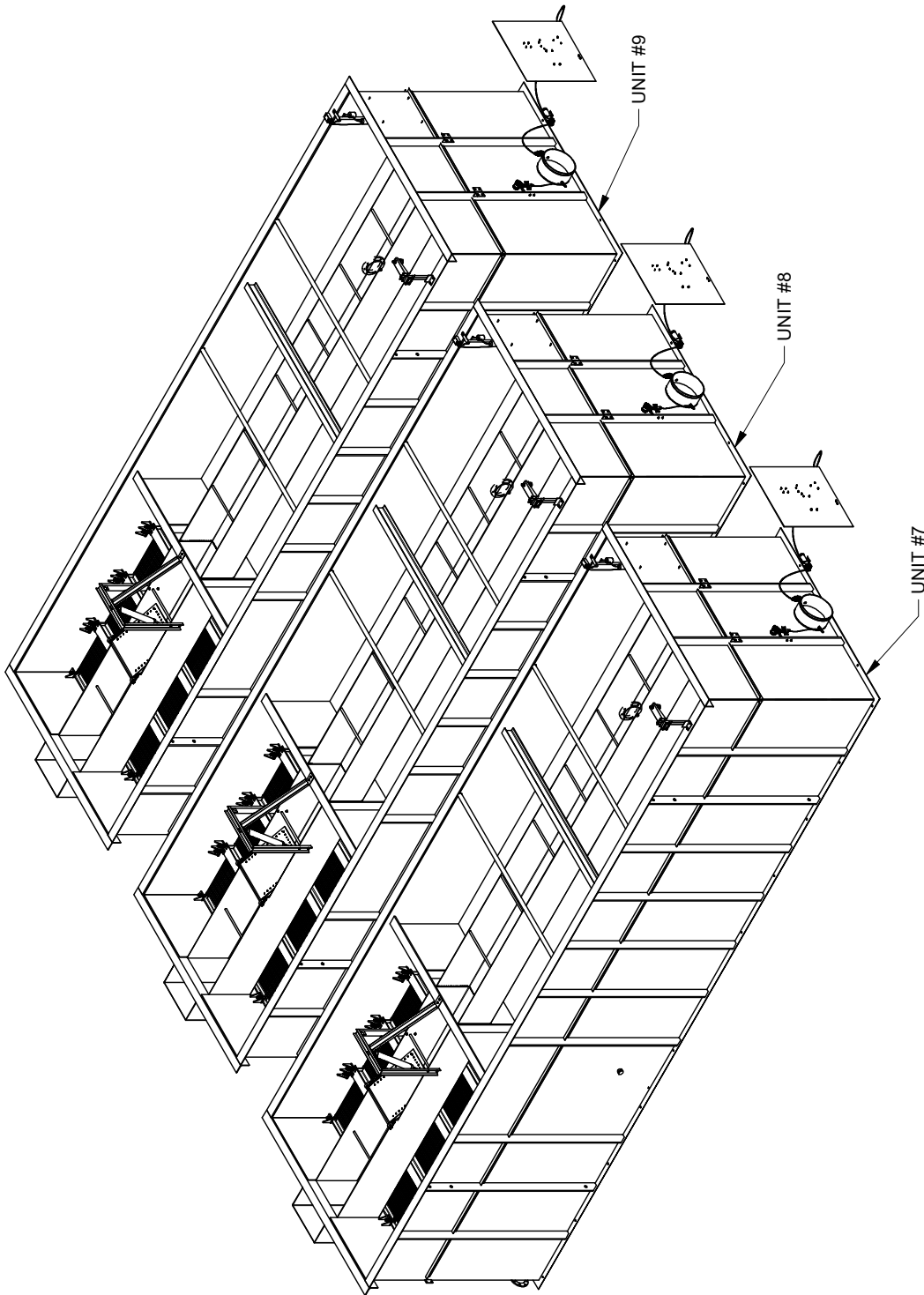
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TITLE **INSTRUMENTATION COMPONENTS, THREE UNITS**  
TRIDENT® TR-840A, WATER TREATMENT SYSTEM

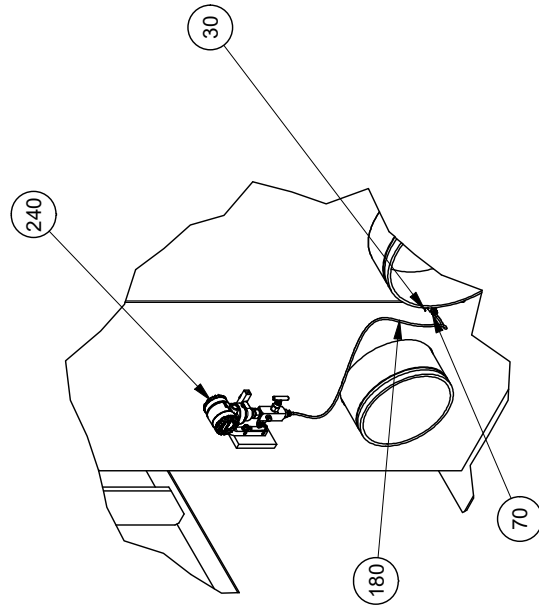
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INFLUENT END ISOMETRIC



EFFLUENT END ISOMETRIC



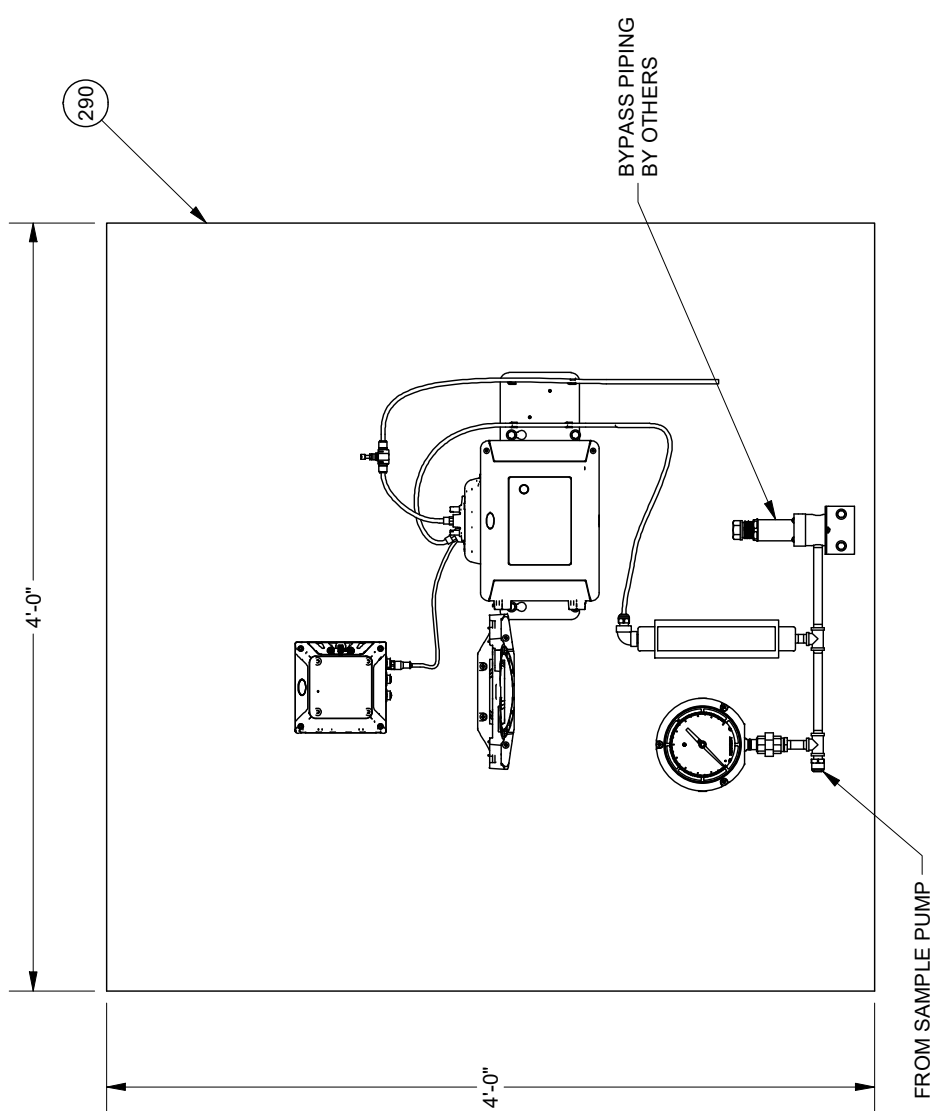
DETAIL F  
TYP

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**INSTRUMENTATION COMPONENTS, THREE UNITS**  
TRIDENT® TR-840A, WATER TREATMENT SYSTEM

DESIGNER	CHECKER	APPROVER	DATE
PE84	BA92	DE111	2023-02-10
JOB NUMBER	DOCUMENT NUMBER	SHEET	
24862A	0003053858	3 OF 4	



**PIECE 290**  
EFFLUENT TURBIDITY ASSEMBLY  
FIELD MOUNTED BY OTHERS

**NOTES:**

1. FOLLOW THE LISTED WESTECH REFERENCE DOCUMENTS EXCEPT AS NOTED ON THIS DRAWING.
2. SET CLARIFIER PRESSURE GAUGE AT ZERO AFTER THE TANK IS FILLED TO OPERATING WATER LEVEL BUT BEFORE PLANT FLOW HAS BEEN STARTED. SET SWITCH CONTACTS TO CLOSE AT A READING OF 3 PSI ON THE GAUGE. THIS SETTING IS VITAL TO THE STRUCTURE OF THE ADSORPTION CLARIFIER AND MUST BE SET AS ACCURATELY AS POSSIBLE. SET SWITCH CONTACTS TO CLOSE AT A READING OF 2 PSI ON THE GAUGE. PROCESS AND PLANT OPERATION REQUIREMENTS MAY VARY THIS SETTING PLUS OR MINUS BUT THE SETTING SHOULD NOT EXCEED 2.5 PSI.
3. SET FILTER HEADLOSS GAUGE AT ZERO AFTER THE TANK IS FILLED TO OPERATING WATER LEVEL BUT BEFORE FILTERING FLOW HAS BEEN STARTED. SET HEADLOSS SWITCH CONTACTS TO CLOSE AT A READING OF 8 FT H<sub>2</sub>O VAC ON THE GAUGE. PROCESS AND PLANT OPERATION REQUIREMENTS MAY VARY THIS SETTING PLUS OR MINUS. SET SWITCH CONTACTS TO CLOSE AT A READING OF 4 PSI.
4. LENGTH OF SAMPLE TUBING TO BE AS SHORT AS PRACTICAL TO MINIMIZE LAG TIME IN SAMPLING.
5. ADJUST TURBIDIMETER NEEDLE VALVE TO OBTAIN AN APPROXIMATE 5 TO 7 GPH SAMPLE RATE.

BILL OF MATERIAL							
PIECE	UNIT QTY	PART NO	DESCRIPTION	MATERIAL	LENGTH	WIDTH	TOTAL WT., LB
10	3	2-11247	BOX, ELEC, 1 GANG, 4 HUB, 0.5 HUB SIZE, 17 CU IN	AL			1.8
20	3	2-11248	COVER, ELEC BOX, BLANK, 1 GANG, BRUSHED ALUM FINISH	AL			0.0
30	6	2-10656	VALVE, NEEDLE, 0.25 FNPT x 0.25 MNPT	BRS			1.2
40	9	2-5995	ELBOW, 90 DEG, SCH 80, 0.75 FNPT	PVC			0.9
50	9	2-4088	BUSHING, PIPE, FLUSH, SCH 80, 0.75 MNPT x 0.375 FNPT	PVC			0.3
60	9	2-11221	ADPTR, TUBE, 150LB, 0.375 PUSH x 0.375 MPFT	ACETAL			0.3
70	12	2-11219	ADPTR, TUBE, 150LB, 0.25 PUSH x 0.25 MPFT	ACETAL			0.2
80	6	2-11287	GRIP, CORD, STRAIGHT, 0.5 HUB, 0.125-0.375 CORD	6061			0.4
90	6	2-11254	NUT, LOCK, SEALING, 0.5-14NPT, YLW ZINC	STL			0.1
100	36	2-5404	WSHR, FLAT, 0.375	304			0.4
110	18	2-5433	WSHR, LOCK, MDM SPLIT, 0.375	304			0.1
120	18	2-5887	NUT, HEX, 0.375-16UNC	304			0.3
130	6	2-6355	CAP SCR, HEX, 0.375-16UNC x 1.5	304			0.4
140	12	2-5402	WSHR, FLAT, 0.25	304			0.1
150	6	2-5415	WSHR, LOCK, MDM SPLIT, 0.25	304			0.0
160	6	2-5882	NUT, HEX, 0.25-20UNC	304			0.1
170	6	2-6324	CAP SCR, HEX, 0.25-20UNC x 1.5	304			0.2
180	6	2-48813	TUBE, EXTRUDE, 0.25 OD x 0.040 WALL x 120, WHITE, SEMI-CLEAR, FOOD GRADE	PE	66		0.5
190	3	1-49992	BRACKET, FLOAT SWITCH, 6.25 PJTN x 42 LG	304-304L			21.1
200	6	2-5814	NIPPLE, PIPE, PLAIN, TBE, NPT, SCH 80, 0.75 x SHORT	PVC			0.2
210	3	2-11403	VALVE, BALL, TRUE UNION, FULL PORT, SCH 80, T HDL, QTR TURN, 0.75, SOC	PVC			1.5
220	3	2-48814	TUBE, EXTRUDE, 0.375 OD x 0.0625 WALL x 72, WHITE, SEMI-CLEAR, FOOD GRADE	PE	75		0.3
240	6	2-56422	TRANSMITTER, PRESSURE, GA PRESS, 0.5 FNPT, -14.7 TO 30 PSI, 0.05 % ACCURACY, 4-20 mA 2 WIRE SIGNAL, LOCAL DISPLAY				14.6
250	6	2-18100	MANIFOLD, 2-VALVE, N/A, 0.5 FNPT INLET x 0.5 MNPT OUTLET x 0.25 FNPT BLEED, INLINE, PTFE PACKING	316			5.5
260	6	2-4316	BUSHING, PIPE, OUTSIDE HEX, 150LB, 0.5 MNPT x 0.25 FNPT	304			0.8
270	12	2-6358	CAP SCR, HEX, 0.375-16UNC x 2.25	304			1.1
280	3	2-35967	PUMP, CNTFGL, 0.75 x 0.75, 0.063HP, 3150RPM, 115VAC, 60HZ, MNPT	PP			27.0
290	3	0003513125	TURBIDIMETER PANEL ASSY, CUSTOM, LASER, SC4500 CONTROLLER, PUMP				140.0
300	3	2-54277	TRANSMITTER, LEVEL, RADAR, TIME OF FLIGHT, NON-HAZARDOUS AREA, 2 WIRE, 4-20mA LOOP, 15m MAX RANGE, 2 MNPT	AL			16.5
310	3	0003529271	RADAR LEVEL MOUNTING AND BRACKET ASSEMBLY				28.9
320	3	2-48814	TUBE, EXTRUDE, 0.375 OD x 0.0625 WALL x 72, WHITE, SEMI-CLEAR, FOOD GRADE	PE	438		1.3
330	6	2-57464	SWITCH, FLOAT, SUSPENSION, NO/NC, MERCURY FREE SWITCH, 180 CBL	PP			19.8
340	3	2-57364	LOOP POWERED PROCESS INDICATOR, PLASTIC FIELD HOUSING, 4-20mA +HART +LEVEL FOR FMR20+FMX21 +FMG50, NON-HAZARDOUS AREA	PVDF			5.1
350	6	2-33285	CAP SCR, HEX, CLASS A2-70, M6-1 x 20, FULL THREAD	304			0.0
360	12	2-18715	WSHR, FLAT, M6	304			0.1
370	6	2-38899	NUT, LOCK, NYL INSERT, CLASS A2, M6-1,00	304			0.0

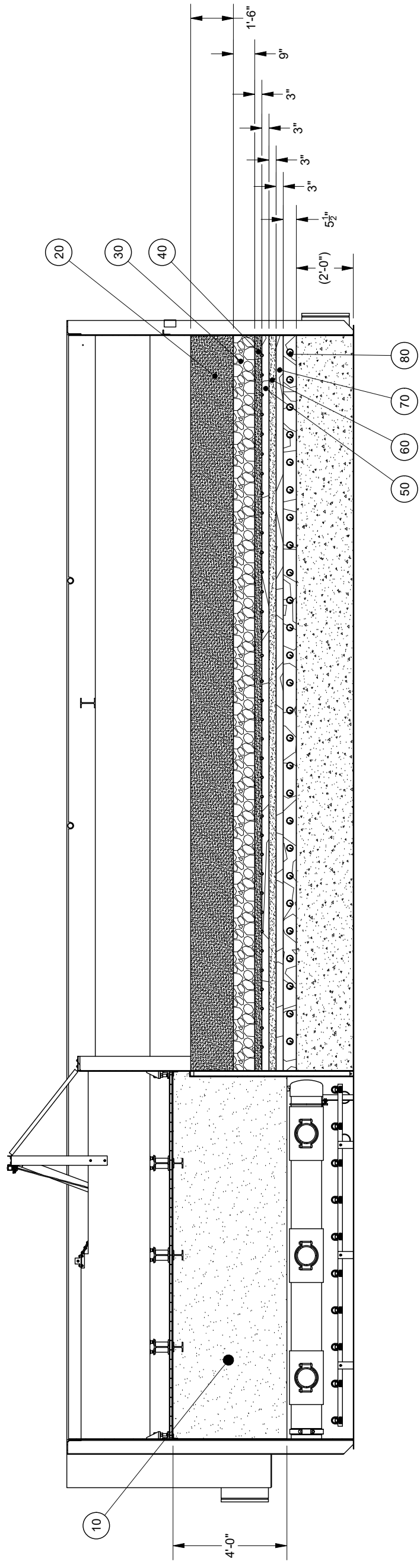
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**INSTRUMENTATION COMPONENTS, THREE UNITS**  
TRIDENT® TR-840A, WATER TREATMENT SYSTEM

DESIGNER	CHECKER	APPROVER	DATE
PEB4	BA92	DE111	2023-02-10
JOB NUMBER	DOCUMENT NUMBER		SHEET
<b>24862A</b>	<b>0003053858</b>		<b>4 OF 4</b>

BILL OF MATERIAL							
PIECE	PART NO	MEDIA VOLUME	DESCRIPTION	MATERIAL	LENGTH	WIDTH	TOTAL WT. LB
10	2-6892	560 ft <sup>3</sup>	MEDIA, AC, 50/50 VIRGIN/R&S (MS 107/MS110), NSF APPROVED	HDPE			20720.0
20	2-4804	425 ft <sup>3</sup>	ANTHRACITE, 1.0-1.1 MM EFF SIZE, 1.7 MAX UC, 1.4 MIN SG, MS-4	ANTHRACITE			22525.0
30	2-11029	221 ft <sup>3</sup>	SAND, SILICA, 0.35-0.45 MM EFF SIZE, 1.4 UC MAX, MIN SG OF 2.60, MS-18	SAND SIL			22100.0
40	2-5953	74 ft <sup>3</sup>	SAND, GARNET, 0.2-0.32 MM EFF SIZE, 1.7 UC MAX, MIN SG OF 3.8, MS-21	SAND GAR			9028.0
50	2-4795	74 ft <sup>3</sup>	GRAVEL, GARNET, 1.4 x 1.6, 1.6 UC MAX, 3.8 SG MIN, MS-22	GRAVEL			10730.0
60	2-4761	74 ft <sup>3</sup>	GRAVEL, GRADED, 0.1875 x 0.375, 2.5 SG MIN	GRAVEL			7400.0
70	2-4762	74 ft <sup>3</sup>	GRAVEL, GRADED, 0.375 x 0.75, 2.5 SG MIN	GRAVEL			7400.0
80	2-4745	139 ft <sup>3</sup>	GRAVEL, GRADED, 0.75 x 1.5, 2.5 SG MIN	GRAVEL			13900.0



- NOTES:**
1. THE BILL OF MATERIAL LISTS THE MEDIA REQUIRED FOR ONE UNIT, INCLUDING COVERAGE. MEDIA QUANTITY PROVIDED FOR THREE NEW UNITS.
  2. FOLLOW THE LISTED WESTECH REFERENCE DOCUMENTS EXCEPT AS NOTED ON THIS DRAWING.
  3. ALL LAYERS OF MEDIA TO BE LEVEL AND IN ACCORDANCE WITH MEDIA PLACEMENT SPECIFICATIONS. PLACEMENT TOLERANCE:  
 LAYERS 3" AND LESS: ± 1/2"  
 LAYERS 9" AND DEEPER: ± 1"  
 FINISHED FILTER BED: ± 1"
  4. FILTER GUARANTEE REQUIRES WESTECH ENGINEERING'S TECHNICAL DIRECTION DURING MEDIA PLACEMENT.
  5. FILTER MEDIA BAGS MUST BE PROTECTED FROM THE WEATHER AND STACKED NOT MORE THAN 5 (FIVE) HIGH TO PREVENT BREAKAGE. WHEN BULK SHIPMENT IS USED THE FILTER MEDIA MUST BE PROTECTED FROM THE WEATHER AND COVERED TO PREVENT WIND-BLOWN LOSS DURING MEDIA PLACEMENT.
  6. APPROXIMATELY TWO BACKWASH AND SKIMMING OPERATIONS WILL BE REQUIRED DURING MEDIA PLACEMENT. EACH BACKWASH WILL BE ABOUT A 10 MINUTE DURATION.
  7. FILTER MEDIA PLACEMENT MUST BE DONE UNDER WESTECH ENGINEERING'S DIRECTION AFTER ALL ELECTRICAL, HYDRAULIC AND CONTROL SYSTEMS ARE INSTALLED AND/OR REPAIRED AND OPERABLE PRIOR TO ARRIVAL OF TECHNICAL DIRECTOR.
  8. MEDIA SHOULD BE PLACED IN ADSORPTION CLARIFIER AFTER ALL AIR WASH LATERALS AND SUPPORTS HAVE BEEN ASSEMBLED AND PRIOR TO INSTALLATION OF MEDIA RETAINER COVER. THERE IS TO BE NO UNSCREENED OPENINGS IN MEDIA RETAINING COVER. SEE PROJECT'S O&M MANUAL FOR MEDIA INSTALLATION PROCEDURES.

BACKCHARGES FOR FIELDWORK OF ANY KIND ARE NOT ACCEPTABLE WITHOUT PRIOR WRITTEN AUTHORIZATION BY WESTECH ENGINEERING, LLC.

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TITLE: **MEDIA LOADING SCHEDULE**  
 TRIDENT® TR-840A WATER TREATMENT SYSTEM

DESIGNER	CHECKER	APPROVER	DATE
PE84	BA92	DE111	2023-02-17
JOB NUMBER	DOCUMENT NUMBER	SHEET	
24862A	0002885579	1	OF 1

**EQUIPMENT DESCRIPTION:**

TYPE OF EQUIPMENT / TAG NUMBER(S): \_\_\_\_\_  
ITEMS REQUIRING THIS COATING SYSTEM: \_\_\_\_\_  
MATERIAL TO BE COATED: \_\_\_\_\_

**PROCESS APPLICATION**

DESIGN / OPERATING TEMPERATURE: \_\_\_\_\_  
HUMIDITY: \_\_\_\_\_  
SERVICE CONDITIONS: \_\_\_\_\_  
UV EXPOSED: \_\_\_\_\_  
PROCESS ENVIRONMENT: \_\_\_\_\_  
pH LEVEL: \_\_\_\_\_  
IF pH IS NOT NEUTRAL, WATER CHEMISTRY ANALYSIS IS REQUIRED: \_\_\_\_\_  
COATINGS SHALL MEET NSF 61 CERTIFICATION: \_\_\_\_\_  
MAXIMUM PPM CHLORIDES: \_\_\_\_\_

**FINISHING**

INSULATED: \_\_\_\_\_  
FIREPROOFING: \_\_\_\_\_  
CATHODIC PROTECTION SYSTEM: \_\_\_\_\_

**INSPECTION REQUIREMENTS**

NACE CERTIFIED COATINGS INSPECTOR: \_\_\_\_\_  
NACE CERTIFICATION LEVEL REQUIRED: \_\_\_\_\_  
HOLIDAY TEST (NACE SP0188): \_\_\_\_\_  
SOLUBLE SALT TEST: \_\_\_\_\_  
MILLIGRAMS / METERS<sup>2</sup> ACCEPTABLE: \_\_\_\_\_  
ADHESION TEST: \_\_\_\_\_

**SURFACE PREPARATION**

NACE/SSPC SURFACE CLEANING STANDARD: \_\_\_\_\_  
MINIMUM ANGULAR ANCHOR PROFILE RANGE: \_\_\_\_\_

**NOTES:**

- FOLLOW THE LISTED WESTECH REFERENCE DOCUMENTS EXCEPT AS NOTED ON THIS DRAWING.
- FIELD TOUCH-UP PAINT, LABOR AND COATINGS ARE NOT SUPPLIED BY WESTECH.
- EPOXY COATINGS CHALK WHEN EXPOSED TO UV LIGHT AND WILL FADE.
- SURFACE PREPARATION AND COATING APPLICATION:
  - SHALL BE IN ACCORDANCE WITH NACE/SSPC STANDARDS. COATING MANUFACTURER'S PRODUCT DATA SHEET AND WESTECH WORKMANSHIP STANDARD QR-00-063 (SECTION 3.1).
  - PRE-CLEANING - VERIFY THAT ALL SURFACES ARE FREE OF WELD SLAG, SPATTER, SHARP EDGES, AND BURRS PER QR-00-063 (SECTION 2.1).
  - CLEANING - PRIOR TO ABRASIVE BLAST CLEANING, SOLVENT WIPE PER SSPC SP1. REMOVE ALL VISUAL GREASE, OIL, WAX, AND ALL OTHER CONTAMINATION.
  - WHEN SSPC SP6 IS SPECIFIED AND NEW STEEL IS USED, PER NACE VIS 1 SURFACE CLEANING SHALL BE SP10.
- FOR FIELD RECOAT WINDOWS, REFER TO THE COATING MANUFACTURER'S PRODUCT DATA SHEET, AND FOR EXACT SHOP COATING APPLICATION DATES, CONTACT WESTECH.
- COATING THICKNESS RESTRICTION LEVEL SHALL BE IN ACCORDANCE WITH SSPC PA2, TABLE 1 - RESTRICTION LEVEL 3 (80%-120%).
- MACHINED SURFACES AND FORGED (ANSI) PIPE FLANGE FACES SHALL BE PROTECTED FROM ABRASIVE BLAST CLEANING AND COATING APPLICATION IN ACCORDANCE WITH THE WESTECH WORKMANSHIP STANDARD QR-00-063 (SECTIONS 2.6 AND 3.1). AFTER COATING APPLICATION IS COMPLETE, APPLY LPS3, COSMOLINE OR EQUIVALENT RUST INHIBITOR TO PROTECT THESE SURFACES DURING SHIPPING.
- FOR SUBMERGED APPLICATIONS: STRIPE COAT ALL WELDS, CUT EDGES, BOLT HOLES AND SLOTS USING A BRUSH. STRIPE COAT PER SSPC PA GUIDE 11 MAY BE COMPLETED AFTER PRIME COAT. STRIPE COAT 1" [25mm] BEYOND EDGE OR WELD.
- PIPING 24" OR LESS IN DIAMETER IS ONLY COATED ON THE OUTSIDE SURFACES, EXCEPT FOR TANK AND VESSEL NOZZLES, WHICH REQUIRE COATINGS TO BE APPLIED BOTH INTERNALLY AND EXTERNALLY.
- ALL BUYOUT ITEMS SUCH AS NON-WESTECH DRIVES, BEARING HOUSINGS, AND MOTORS RECEIVE MANUFACTURER'S STANDARD PROTECTIVE COATINGS.
- NON-FERROUS MATERIALS, SUCH AS FIBERGLASS, ALUMINUM, PLASTIC, ETC. SHALL NOT BE COATED, EXCEPT WHEN SPECIFICALLY STATED ON DRAWINGS OR IN THE PURCHASE ORDER.
- COATING THICKNESS SHALL BE MEASURED ABOVE THE PEAKS OF THE ANCHOR PROFILE. COATING SYSTEMS OF LESS THAN (15) MILS DRY FILM THICKNESS (DFT) SHALL INCLUDE A "BASE METAL READING" ADJUSTMENT TO THE DRY FILM THICKNESS GAGE. WHEN THE ABRADED SURFACE IS INACCESSIBLE DUE TO COATING APPLICATION, AND NO REFERENCE SURFACE IS AVAILABLE, A MINIMUM OF (1) MIL DRY FILM THICKNESS SHALL BE SUBTRACTED FROM THE DRY FILM THICKNESS GAGE READINGS.
- USE A MAXIMUM OF 5% F041-0088 THINNER CLEAR BY VOLUME WITH TNE MEC SERIES 21.
- REFERENCE NOTES: ONLY APPLICABLE WHEN SPECIFIC DATA IS LISTED UNDER "INSPECTION REQUIREMENTS"
  - NACE CERTIFIED COATING INSPECTION - (IF YES) - COATING SHALL BE INSPECTED BY A NACE CERTIFIED INSPECTOR, LEVEL 1 OR HIGHER. SPECIFY LEVEL ON THE NEXT LINE.
  - HOLIDAY TEST - (IF YES) - HOLIDAY TESTING SHALL BE IN ACCORDANCE WITH THE COATING MANUFACTURER'S PRODUCT DATA SHEET (PREFERRED METHOD) OR PER NACE SP-0188.
  - SOLUBLE SALT TEST - (IF YES) - TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SSPC GUIDE-15. LIMITS SHALL BE DEFINED AS MILLIGRAMS/METER<sup>2</sup> (mg/m<sup>2</sup>). IF CLIENT DOES NOT SPECIFY, SEND REQUEST FOR INFORMATION.
  - ADHESION TEST - (IF YES) - TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM D3359 "X-CUT ADHESION" (TAPE) OR ASTM D4541 (PULL-OFF). IF PULL-OFF IS SPECIFIED, MINIMUM ADHESION SHALL BE SPECIFIED IN PSI AND BASED ON COATING MANUFACTURER'S RECOMMENDATIONS.
- THE MAXIMUM TOTAL DRY FILM THICKNESS (DFT) FOR NSF 61 CERTIFIED COATINGS USING SERIES 21 IS 20 MILS. DO NOT EXCEED.
- STAINLESS STEEL COMPONENTS WELDED TO CARBON STEEL SHALL BE COATED EXCEPT WHERE NOTED ON DRAWING.

\_\_\_\_\_ SUBMERGED PROCESS EQUIPMENT (DOMESTIC)  
\_\_\_\_\_ ALL PARTIALLY SUBMERGED OR TOTALLY SUBMERGED ITEMS  
\_\_\_\_\_ CARBON STEEL

\_\_\_\_\_ 0°F TO 120°F MAXIMUM  
\_\_\_\_\_ 100%  
\_\_\_\_\_ SUBMERGED  
\_\_\_\_\_ NO  
\_\_\_\_\_ POTABLE WATER  
\_\_\_\_\_ NEUTRAL (6-9)  
\_\_\_\_\_ NO  
\_\_\_\_\_ YES  
\_\_\_\_\_ 1,000 PPM

\_\_\_\_\_ NO  
\_\_\_\_\_ NO  
\_\_\_\_\_ NO

\_\_\_\_\_ NOT REQUIRED / NOT BY WESTECH  
\_\_\_\_\_ NOT REQUIRED / NOT BY WESTECH  
\_\_\_\_\_ YES  
\_\_\_\_\_ NOT REQUIRED / NOT BY WESTECH  
\_\_\_\_\_ NOT REQUIRED / NOT BY WESTECH  
\_\_\_\_\_ NOT REQUIRED / NOT BY WESTECH  
\_\_\_\_\_ NACE 2 / SP10  
\_\_\_\_\_ 2.0 mils

**COATING SYSTEM SPECIFICATION**

COATING MANUFACTURER: \_\_\_\_\_  
TYPE OF COATING: \_\_\_\_\_  
(GENERIC): \_\_\_\_\_  
PRODUCT NAME/NUMBER: \_\_\_\_\_  
DRY FILM THICKNESS (DFT) \_\_\_\_\_  
MINIMUM-MAXIMUM mils: \_\_\_\_\_  
COLOR NAME/ NUMBER: \_\_\_\_\_

**PRIMER COAT #1**  
TNE MEC  
PHENALKAMINE  
(EPOXY)  
SERIES 21  
5-7 mils  
BEIGE (1255)

**COATING #2**  
TNE MEC  
PHENALKAMINE  
(EPOXY)  
SERIES 21  
5-7 mils  
OFF WHITE (WH16)

**STRIPE COAT**  
TNE MEC  
PHENALKAMINE  
(EPOXY)  
SERIES 21  
OFF WHITE (WH16)

**TOTAL DRY FILM THICKNESS:** \_\_\_\_\_

10-14 mils

PREPARED FOR	OLIVER P. ROEMER WTF RIALTO, CALIFORNIA
ENGINEER	STANTEC PASADENA, CALIFORNIA
CONTRACTOR	PCL CONSTRUCTION LONG BEACH, CALIFORNIA
PO/CONTRACT NUMBER	03269401-0M
DESIGNER	PE84
CHECKER	DE111
APPROVER	DE111
DATE	2023-02-03
JOB NUMBER	DOCUMENT NUMBER
24862A	0003054287
QR-00-063	REFERENCE DOCUMENTS
1	OF 1
-	REV



**COATING DATA SHEET**  
SUBMERGED WATER (MICROFLOC PACKAGE SYSTEM)

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TITLE	COATING DATA SHEET
SUBMERGED WATER (MICROFLOC PACKAGE SYSTEM)	
DESIGNER	PE84
CHECKER	DE111
APPROVER	DE111
DATE	2023-02-03
JOB NUMBER	DOCUMENT NUMBER
24862A	0003054287
QR-00-063	REFERENCE DOCUMENTS
1	OF 1
-	REV

**EQUIPMENT DESCRIPTION:**

TYPE OF EQUIPMENT: NON-SUBMERGED PROCESS EQUIPMENT (DOMESTIC)  
TAG NUMBER(S): N/A  
ITEMS REQUIRING THIS COATING SYSTEM: ALL EXTERIOR ITEMS  
MATERIAL TO BE COATED: CARBON STEEL

**PROCESS APPLICATION**

DESIGN / OPERATING TEMPERATURE: DRY 140°F MAXIMUM CONTINUOUS  
HUMIDITY: 0 -100% ATMOSPHERIC  
SERVICE CONDITIONS: NON-SUBMERGED  
UV EXPOSED: NO  
PROCESS ENVIRONMENT: PROCESS WATER  
PH LEVEL: \_\_\_\_\_  
IF pH IS NOT NEUTRAL, WATER CHEMISTRY ANALYSIS IS REQUIRED: NO

**FINISHING**

INSULATED: NO  
FIREPROOFING: NO  
CATHODIC PROTECTION SYSTEM: NO

**INSPECTION REQUIREMENTS**

NACE CERTIFIED COATINGS INSPECTOR: NOT REQUIRED / NOT BY WESTECH  
NACE CERTIFICATION LEVEL REQUIRED: NOT REQUIRED / NOT BY WESTECH  
HOLIDAY TEST (NACE SP0188): YES  
SOLUBLE SALT TEST: NOT REQUIRED / NOT BY WESTECH  
MILLIGRAMS / METERS<sup>2</sup> ACCEPTABLE: NOT REQUIRED / NOT BY WESTECH  
ADHESION TEST: NOT REQUIRED / NOT BY WESTECH

**SURFACE PREPARATION**

NACE/SSPC SURFACE CLEANING STANDARD: NACE 2 / SP10  
MINIMUM ANGULAR ANCHOR PROFILE RANGE: 2.0 mils

**COATING SYSTEM SPECIFICATION**

COATING MANUFACTURER: PRIMER COAT #1 COATING #2  
TNEMEC TNEMEC  
TYPE OF COATING: PHENALKAMINE ALAPHATIC ACRYLIC  
(GENERIC): (EPOXY) POLYURETUANE  
PRODUCT NAME/NUMBER: SERIES 21 SERIES 73  
DRY FILM THICKNESS (DFT) 5-7 mils 3-5 mils  
MINIMUM-MAXIMUM mils: BEIGE (1255) AQUA SKY (10GN)  
COLOR NAME / NUMBER: 8-12 mils

TOTAL DRY FILM THICKNESS OF SYSTEM:

**NOTES:**

- FOLLOW THE LISTED WESTECH REFERENCE DOCUMENTS EXCEPT AS NOTED ON THIS DRAWING.
- FIELD TOUCH-UP PAINT, LABOR AND COATINGS ARE NOT SUPPLIED BY WESTECH.
- EPOXY COATINGS CHALK WHEN EXPOSED TO UV LIGHT AND WILL FADE.
- SURFACE PREPARATION AND COATING APPLICATION:
  - SHALL BE IN ACCORDANCE WITH NACE/SSPC STANDARDS, COATING MANUFACTURER'S PRODUCT DATA SHEET AND WESTECH WORKMANSHIP STANDARD QR-00-063 (SECTION 3.1).
  - PRE-CLEANING - VERIFY THAT ALL SURFACES ARE FREE OF WELD SLAG, SPATTER, SHARP EDGES, AND BURRS PER QR-00-063 (SECTION 2.1).
  - CLEANING - PRIOR TO ABRASIVE BLAST CLEANING, SOLVENT WIPE PER SSPC SP1, REMOVE ALL VISUAL GREASE, OIL, WAX, AND ALL OTHER CONTAMINATION. WHEN SSPC SP6 IS SPECIFIED AND NEW STEEL IS USED, PER NACE VIS 1 SURFACE CLEANING SHALL BE SP10.
- FOR FIELD RECOAT WINDOWS, REFER TO THE COATING MANUFACTURER'S PRODUCT DATA SHEET, AND FOR EXACT SHOP COATING APPLICATION DATES, CONTACT WESTECH.
- COATING THICKNESS RESTRICTION LEVEL SHALL BE IN ACCORDANCE WITH SSPC PA2, TABLE 1 - RESTRICTION LEVEL 3 (80%-120%).
- MACHINED SURFACES AND FORGED (ANSI) PIPE FLANGE FACES SHALL BE PROTECTED FROM ABRASIVE BLAST CLEANING AND COATING APPLICATION IN ACCORDANCE WITH THE WESTECH WORKMANSHIP STANDARD QR-00-063 (SECTIONS 2.6 AND 3.1). AFTER COATING APPLICATION IS COMPLETE, APPLY LPS3, COSMOLINE OR EQUIVALENT RUST INHIBITOR TO PROTECT THESE SURFACES DURING SHIPPING.
- PIPING 24" OR LESS IN DIAMETER IS ONLY COATED ON THE OUTSIDE SURFACE, EXCEPT FOR TANK AND VESSEL NOZZLES, WHICH REQUIRE COATINGS TO BE APPLIED BOTH INTERNALLY AND EXTERNALLY.
- ALL BUYOUT ITEMS SUCH AS NON-WESTECH DRIVES, BEARING HOUSINGS, AND MOTORS RECEIVE MANUFACTURER'S STANDARD PROTECTIVE COATINGS.
- NON-FERROUS MATERIALS, SUCH AS FIBERGLASS, ALUMINUM, STAINLESS STEEL, PLASTIC, ETC. SHALL NOT BE COATED, EXCEPT WHEN SPECIFICALLY STATED ON DRAWINGS OR IN THE PURCHASE ORDER.
- COATING THICKNESS SHALL BE MEASURED ABOVE THE PEAKS OF THE ANCHOR PROFILE. COATING SYSTEMS OF LESS THAN (15) mils DRY FILM THICKNESS (DFT) SHALL INCLUDE A "BASE METAL READING" ADJUSTMENT TO THE DRY FILM THICKNESS GAGE. WHEN THE ABRATED SURFACE IS INACCESSIBLE DUE TO COATING APPLICATION, AND NO REFERENCE SURFACE IS AVAILABLE, A MINIMUM OF (1) mil DRY FILM THICKNESS SHALL BE SUBTRACTED FROM THE DRY FILM THICKNESS GAGE READINGS.
- USE A MAXIMUM OF 5% F041-0088 THINNER CLEAR BY VOLUME WITH TNEMEC SERIES 21.
- REFERENCE NOTES: ONLY APPLICABLE WHEN SPECIFIC DATA IS LISTED UNDER "INSPECTION REQUIREMENTS"
  - NACE CERTIFIED COATING INSPECTION - (IF YES) - COATING SHALL BE INSPECTED BY A NACE CERTIFIED INSPECTOR, LEVEL 1 OR HIGHER. SPECIFY LEVEL ON THE NEXT LINE.
  - HOLIDAY TEST - (IF YES) - HOLIDAY TESTING SHALL BE IN ACCORDANCE WITH THE COATING MANUFACTURER'S PRODUCT DATA SHEET (PREFERRED METHOD) OR PER NACE SP-0188.
  - SOLUBLE SALT TEST - (IF YES) - TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SSPC GUIDE-15. LIMITS SHALL BE DEFINED AS MILLIGRAMS/METER<sup>2</sup> (mg/m<sup>2</sup>). IF CLIENT DOES NOT SPECIFY, SEND REQUEST FOR INFORMATION.
  - ADHESION TEST - (IF YES) - TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ASTM D3359 "X-CUT ADHESION" (TAPE) OR ASTM D4541 (PULL-OFF). IF PULL-OFF IS SPECIFIED, MINIMUM ADHESION SHALL BE SPECIFIED IN PSI AND BASED ON COATING MANUFACTURER'S RECOMMENDATIONS.
- EXTERIOR BOTTOM OF TANK UNCOATED. INSTALLING CONTRACTOR TO APPLY ASPHALTIC COATING TO EQUIPMENT BASE PAD PRIOR TO TANK PLACEMENT.
- IF RAW MATERIAL SHORTAGES OCCUR AT THE TIME OF PAINT APPLICATION, THEN TNEMEC HAS RECOMMENDED SERIES 1074UJ AS AN ALTERNATE TO SERIES 73. IF THIS CHANGE IS REQUIRED, THEN WESTECH WILL PROVIDE COMMUNICATION OF THE UPDATE AT THE TIME OF APPLICATION, UNLESS OTHER NOTED IN SUBSEQUENT COMMUNICATIONS. TNEMEC SERIES 73 WILL BE USED.

PREPARED FOR: **OLIVER P. ROEMER WTF**  
**RIALTO, CALIFORNIA**

ENGINEER: **STANTEC**  
**PASADENA, CALIFORNIA**

CONTRACTOR: **PCL CONSTRUCTION**  
**LONG BEACH, CALIFORNIA**

PO/CONTRACT NUMBER: **03269401-OM**



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TITLE: **COATING DATA SHEET**  
NON-SUBMERGED (TRIDENT®)

DESIGNER	CHECKER	APPROVER	DATE
PE84	DE111	DE111	2023-02-03
JOB NUMBER	DOCUMENT NUMBER	SHEET	REV
24862A	0003054288	1 OF 1	A

REV	REVISION DESCRIPTION	EON	DESIGNER	APPROVER	DATE
A	EXTERIOR FINISH PAINT CHANGED	-	PE84	DE111	2023-05-17
	REFERENCE DOCUMENTS				QR-00-063

# EXHIBIT B

**WEST VALLEY WATER DISTRICT  
WATER TREATMENT FACILITY FILTER MEDIA REPLACEMENT & COATING PROJECT 2023-14 RESULTS**

VENDOR	FINAL BID AMOUNT	Bid Acknowledgement	PW Contract Reg Certs	Iran Contracting Act Cert.	Inform of Bidders	Designation of Subcontractors	Noncollusion Declaration w/Notary Acknowledge	Originals
ERS	\$1,147,660.00	X	X	X	X	X	X	X
Carbon Activated Corp	\$1,263,489.00	X	X	X	X	X	X	X
Karbonous, Inc	\$1,375,240.00	X	X	X	X	X	X	X

Lowest Bidder





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Joanne Chan, Director of Operations  
**SUBJECT:** ION EXCHANGE RESIN REPLACEMENT AT WELL 42

---

**MEETING HISTORY:**

11/21/23      Engineering, Operations and Planning Committee      REFERRED TO BOARD

**BACKGROUND:**

Well 42 in the North Riverside Basin represents nearly 20% of the West Valley Water District's (District) groundwater resource and is the major source of the District's domestic water supply in the south system. Perchlorate was detected in Well 42 beginning in April 1999. A 2000-gallon-per-minute (gpm) wellhead ion exchange treatment system consisting of two trains (4 vessels) in a lead-lag configuration to remove perchlorate to non-detect levels was commissioned for Well 42 in 2003. Regular replacement of perchlorate removal resin is required to meet water quality requirements of the State Water Resources Control Board – Division of Drinking Water (DDW).

**DISCUSSION:**

PSR2 Plus strong base anion exchange resin manufactured by the Dupont Chemical Company is a DDW-permitted resin for use at the Well 42 ion exchange system and other District's ion exchange systems. Attached as **Exhibit A** is the DDW permit. This resin is specifically designed for selective removal of perchlorate from potable water. Evoqua is the exclusive provider of PSR2 Plus resin to the perchlorate removal market.

The scope of work consists of removing and disposing of exhausted resin from the two vessels and installing 318 cubic feet of resin per vessel for two vessels. Attached as **Exhibit B** is the cost proposal. See cost summary below:

Fee Proposal	Total
Resin	\$177,908.28
Labor	\$19,048.20
Disposal	\$14,678.88
Subtotal (w/o tax)	\$211,635.36
Tax on resin only	\$14,232.66
<b>Total</b>	<b>\$225,868.02</b>

**FISCAL IMPACT:**

This item is included in the Fiscal Year 2023/24 Operating Budget and will be funded from GL number 100-5320-530-5404 titled "Operating Supplies/Resin Exchange" with a budget of \$300,000.00.

**STAFF RECOMMENDATION:**

Staff recommends that the Committee forward a recommendation to the Board of Directors to issue a purchase order in the amount of \$225,868.02 to Evoqua Water Technologies for resin replacement.

Respectfully Submitted,

---

Joanne Chan, Director of Operations

JT;jc

**ATTACHMENT(S):**

1. Exhibit A - DDW Permit
2. Exhibit B - Cost Proposal

# EXHIBIT A




---

## State Water Resources Control Board

### Division of Drinking Water

January 14, 2022

Van Jew  
 Assistant General Manager  
 West Valley Water District  
 855 W. Base Line Road  
 PO BOX 920  
 Rialto, CA 92376  
[vjew@wwwd.org](mailto:vjew@wwwd.org)

Dear Mr. Jew:

#### **USAGE OF ION EXCHANGE RESIN DOWEX PSR2 AT WELL 42 – WEST VALLEY WATER DISTRICT (SYSTEM NO. 3610004)**

Division of Drinking Water (Division) received an email from the West Valley Water District (District) requesting approval to change perchlorate removal resin at Well 42 from CalRes TM2103 to DOWEX PSR2 Plus.

The existing treatment system consists of two trains (four vessels), each train arranged in series with each vessel containing approximately 318 cubic feet of resin. The proposed anion exchange resin (polystyrene divinylbenzene copolymer) to be used is manufactured by Dupont Chemical Company. This resin is specifically designed for selective removal of perchlorate from potable water. The resin is NSF Standard 61 certified and is not regenerated or reused.

Evoqua will pre-rinse the virgin resin in their Los Angeles resin handling facility for a minimum of 20 bed volumes. The resin will then be loaded into sterilized sluice vehicles dedicated for potable use, delivered to the site and then sluiced into each vessel. After the resin changeout, the District will sample for Coliform, Nitrate, Perchlorate, Nitrosamines, General Minerals, Inorganics, and General Physicals on day one at the ion exchange effluent and on Well 42 Influent (except Nitrosamines). On days one through eight, the District will sample for Nitrate & Perchlorate on all four vessels.

The Division has reviewed the request along with all supporting documents and determined that the DOWEX PSR2 Plus ion exchange resin to remove perchlorate at Well 42 is approved, subject to the following conditions:

---

E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

464 W. 4th Street, #437, San Bernardino, CA 92401 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

Van Jew

- 2 -

January 14, 2022

- 1) Within 24 hours after initiating the use of the virgin resin, nitrosamines shall be monitored. If there any of the following nitrosamines is detected, a follow-up sample shall be collected at the effluent after one month of operation.

N-Nitrosodiethylamine (NDEA)  
 N-Nitrosomethylethylamine (NMEA)  
 N-Nitrosodimethylamine (NDMA)  
 N-Nitrosodi-n-propylamine (NDPA)  
 N-Nitrosodi-n-butylamine (NDBA)  
 N-Nitrosopyrrolidine (NPYR)  
 N-Nitrosopiperidine (NPIP)  
 N-Nitrosomorpholine (NMOR)

- 2) The new resin information used for the treatment system shall be updated in the operations and maintenance plan.
- 3) Once the new resin beds are ready to be put into service, the District shall perform startup procedures and sampling as outlines in the enclosure.
- 4) All permit conditions regarding Perchlorate Treatment Plant at Well 42 are in full effect.

If you have any questions, please contact Amy Kaur at (818) 551-2064 or [Amy.Kaur@waterboards.ca.gov](mailto:Amy.Kaur@waterboards.ca.gov)

Sincerely,

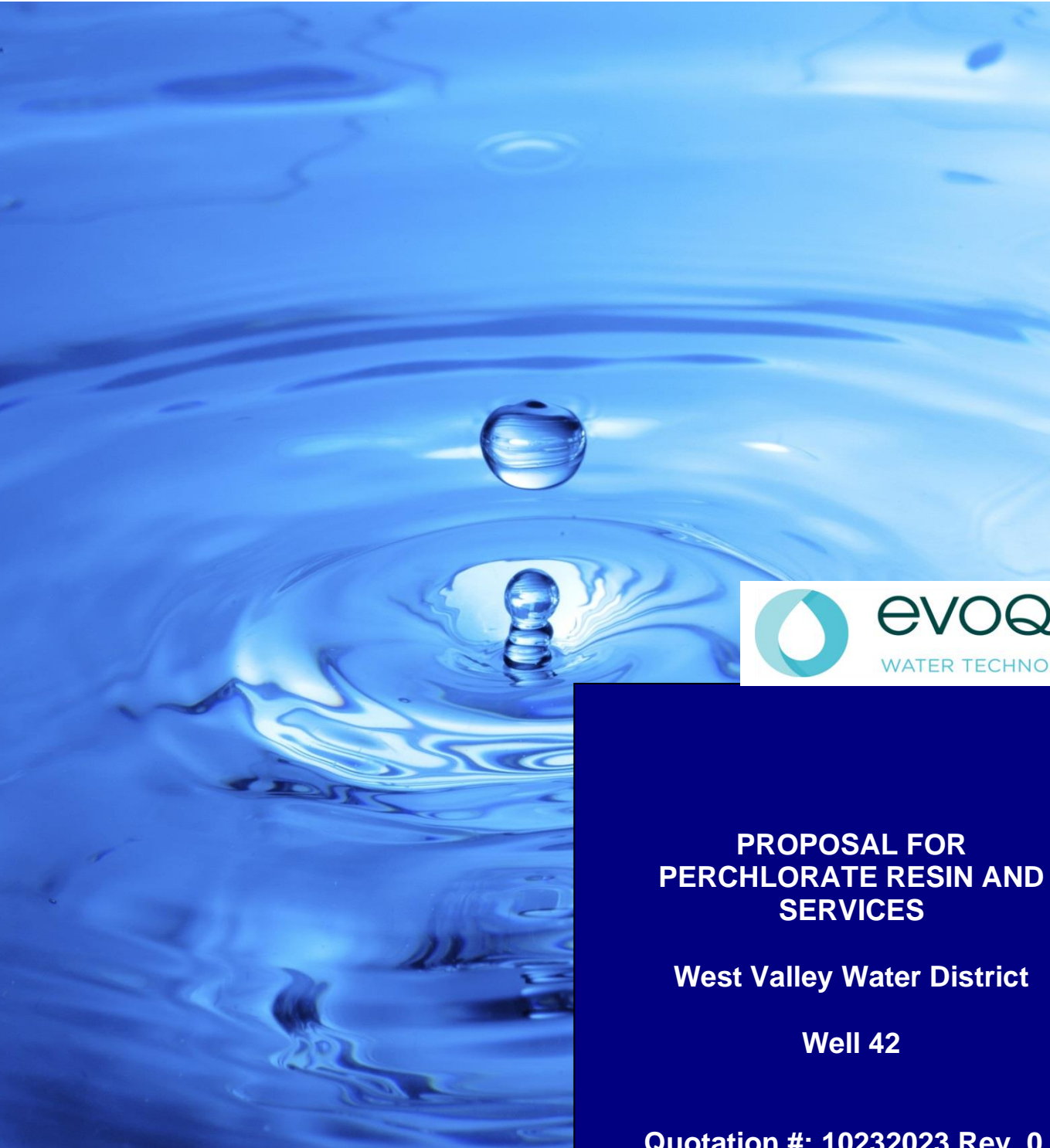
 Digitally signed by Wei H. Chang  
 Date: 2022.01.14 13:23:23  
 Water Boards

Wei H. Chang, P.E.  
 District Engineer  
 San Bernardino District  
 Southern California Field Operations Branch

Enclosure: Evoqua Resin Change Proposal, NSF 61 Certification, Safety Data Sheet, Startup Procedures

cc: Janet Harmon, Water Quality Supervisor, West Valley Water District,  
[jharmon@wvwd.org](mailto:jharmon@wvwd.org)

# EXHIBIT B



**PROPOSAL FOR  
PERCHLORATE RESIN AND  
SERVICES**

**West Valley Water District**

**Well 42**

**Quotation #: 10232023 Rev. 0  
October 23, 2023**

Submitted to:  
Joe Schaack  
West Valley Water District  
909-936-4584  
[jschaack@wwd.org](mailto:jschaack@wwd.org)

Evoqua Contact:  
Patricia Tinnerino  
Sales Engineer  
Cell: 714-262-1560  
[Patricia.tinnerino@evoqua.com](mailto:Patricia.tinnerino@evoqua.com)





### **Confidentiality Statement**

*This document and all information contained herein are the property of Evoqua Water Technologies LLC. The design concepts and information contained herein are proprietary to Evoqua Water Technologies LLC and are submitted in confidence. They are not transferable and must be used only for the purpose for which the document is expressly loaned. They must not be disclosed, reproduced, loaned or used in any other manner without the express written consent of Evoqua Water Technologies LLC. In no event shall they be used in any manner detrimental to the interest of Evoqua Water Technologies LLC. All patent rights are reserved. Upon the demand of Evoqua Water Technologies LLC, this document, along with all copies or extracts, and all related notes and analyses, must be returned to Evoqua Water Technologies LLC or destroyed, as instructed by Evoqua Water Technologies LLC. Acceptance of the delivery of this document constitutes agreement to these terms and conditions.*

### **Terms and Conditions**

*In the event Evoqua Water Technologies LLC is the selected vendor for the products and services contemplated in the subject bid, Evoqua Water Technologies LLC desires to negotiate a mutually agreeable set of terms and conditions to govern such transaction (including issues such as warranty, indemnity, appropriate limitations of liability and other substantive terms and conditions). Evoqua Water Technologies LLC will not be obligated to supply products or services pursuant to such bid unless and until the parties have entered into an agreement with terms and conditions mutually agreed in writing by the parties.*





#10232023.R0  
Evoqua Water Technologies LLC

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V.	Attachments	13



#10232023.R0  
Evoqua Water Technologies LLC

I. **Transmittal/ Offer Letter**

October 23, 2023

Joe Schaack  
West Valley Water District

Re: Proposal for Perchlorate Resin and Services at Well 42  
PWTF – 295 East San Bernardino, Rialto, CA 92376

Dear Joe,

Thank you for this opportunity to submit this proposal for West Valley Water District. Evoqua Water Technologies, LLC, (EWT) is excited for the opportunity to provide resin services for your existing equipment at your wells and work with West Valley Water District to provide both short term and long-term solutions to the needs of your sites.

Evoqua appreciates the trust West Valley has put in Evoqua in years past as your resin supplier. We never stop trying to improve. Our focus is to provide excellent service to West Valley while ensuring safe and compliant drinking water. Evoqua is the exclusive provider of PSR2 Plus resin to the perchlorate removal market.

We have adjusted the proposal to reflect the same amount of resin that our invoicing system uses with 35.31 cu ft per supersack. We want to make sure the proposal matches the invoices exactly (318 cu ft per vessel versus the 320 cu ft provided in the 2017 RFP).

We feel that our offering will provide you with the best option due to the following reasons:

**Experience** – With numerous sites already installed in California and throughout the US, we have the experience working in conjunction with your team to provide quality on-going service to meet and exceed your requirements. You can rest assured that if selected Evoqua will provide complete and timely service.

**Local Service** – In the Los Angeles area we have four service branches with over 100 people including field service technicians, applications engineers, installation technicians, and management team, the largest and best field service team in Southern California, all of whom are Evoqua certified and trained employees. Of specific note:

- The two primary branches that would be supporting this site are less than 50 miles away.
- The engineering team, installation group and service team that would support this site are all located in the Los Angeles basin.
- One of the facilities has complete resin handling and disinfection capabilities. We encourage you to tour this facility.
- All service equipment that we will employ at your site is dedicated to the drinking water market and sited locally.
- EWT is a licensed CA state Contractor (***contractor's license #989497***).

**Innovations** – Evoqua is uniquely positioned to offer service and non-service innovations to the perchlorate market. 10% of our annual revenue is spent on research and development.



#10232023.R0  
Evoqua Water Technologies LLC

- We continue to work with major resin suppliers to offer better once-through media solutions at reduced costs.
- We offer several non-media based solutions for the treatment of perchlorate and are investigating new non-media based solutions.

Thank you for allowing Evoqua this opportunity to be of service, we look forward to your consideration and the opportunity to review our presentation with your team. Please contact me at 714-262-1560 should you have any questions or if we may be of further assistance.

Regards,

Patricia Tinnerino  
Sales Engineer  
714-262-1560  
***Evoqua Water Technologies, LLC.***



## II. Statement of Qualifications, Experience, and References

### EXPERIENCE WITH PERCHLORATE REMOVAL

Evoqua started to develop solutions to the perchlorate problem in California in the late 90's. We established a dedicated team to look at various methods to treat this water contaminant. The Evoqua team incorporated people from our operations, research, construction, field applications engineering and marketing groups across multiple product lines. Two existing technologies emerged from this team's work:

- Fluidized Bed Reactors
- Once Through Media – Ion Exchange Resin

These technologies have been approved by the California State Water Resource Control Board Department of Drinking Water.

Evoqua found that both approved technologies would produce water quality of a level that was below the new California Maximum Contaminant Level (MCL) of 6 ppb and usually non-detectable. Our studies also showed that the application of the ion exchange technology is dependent upon the level of perchlorate and the background anions present in the water. This is generally applied where the perchlorate influent concentration is <500 ppb. In keeping with maintaining "Good Environmental Stewardship", the once through ion exchange resin adsorbs the perchlorate and then allows for destruction of the perchlorate through destruction of the petroleum-based ion exchange resins, thus eliminating the "Cradle to Grave" responsibility for this material. There is no brine generated nor is there the need for brine connection fees. And with the pending brine disposal restriction (and/or elimination) rules, the liability for the brine waste material is eliminated.

From the operating histories of the listed perchlorate opportunities (above), Evoqua developed and corroborated an equilibrium model for prediction of perchlorate throughput capacity that is unsurpassed in the industry. Evoqua has provided a throughput guarantee based upon your water analysis and this model. Prior to development of your proposal, Evoqua used this model to select an ion exchange resin that is your best economic alternative for treatment of the perchlorate contamination at your well site.

### NO USE OF SUBCONTRACTORS

Evoqua will utilize many entities within our organization to provide the required system services and does not require the use of subcontractors to provide the required services of the RFP. Evoqua believes that the in-house control of every aspect of any project allows for on time procurement, smooth delivery and effective system start-up.

### OTHER ENTITIES ASSIGNED SIGNIFICANT RESPONSIBILITIES

Evoqua will not be using any other entities that will have assigned material responsibilities under the contract other than defined resin manufacturers to be discussed within this proposal.

### RESIN AVAILABILITY

*We have PSR-2 Plus in stock. We like to have two weeks' notice to schedule accordingly, but can work with your time frame.*



### **CLIENT BASE - SELECTED OPERATING SYSTEMS IN CALIFORNIA**

In California, Evoqua Water Technologies has been selected as the supplier of perchlorate reduction services to remove perchlorate from well sites for the following projects. A partial list of water purveyors employing Evoqua's resin services includes:

#### **City of Rialto, Chino 2 Well**

##### **2003 to present**

Used Dowex® 1 from 2003 until 2014 and then switched to Dowex® PSR-2. Perchlorate removal using on-site vessels at multiple sites. Product water used for municipal supply. DDW operating permit issued. Contact: Peter Fox

#### **San Gabriel Valley Water Co. Well B-5**

##### **2009 to present 7800 gpm – Once through IX**

Perchlorate removal using on-site vessels at multiple sites. Product water used for municipal supply. DDW operating permit issued. Contact: Oscar Ramos, 626-448-6183

#### **San Gabriel Valley Water Co. Well B-6**

##### **2009 to present 7800 gpm – Once through IX**

Perchlorate removal using on-site vessels at multiple sites. Product water used for municipal supply. Started up Mar 2013. Contact: Oscar Ramos, 626-448-6183

#### **Rialto, Airport Well 3**

##### **GeoLogic and Associates, San Bernardino, CA**

##### **2007 –present: 1900 gpm – Once Through IX**

Perchlorate removal at well site with one train of HP1220 vessels. DDW operating permit issued. Contact: Ralph Murphy, (909) 383-8728.

#### **N. California Aerospace Co**

##### **Jan 02 - present: >6,000 gpm – Once Through IX**

Removal of high levels of perchlorate in ground water for site remediation at multiple well sites, using portable vessels. Product water used for groundwater replenishment. Environmental operating permit by State issued. Contact: Chris Fennessy, 916-355-3341

#### **La Puente Valley Well 2**

##### **2009 to present 2500 gpm – Once through IX**

Perchlorate removal using on-site vessels at multiple sites. Product water used for municipal supply. DDW operating permit issued. Contact: Greg Galindo, (626) 330-2126

#### **City of San Bernardino, Municipal Water Dept., San Bernardino, CA**

##### **Sept. 2013 start up; 2000 gpm – Once Through IX**

Perchlorate removal for 1 wells with 1 trains of HP1220HF vessels. DDW Operating Permit. Contact: Mike Garland, (909) 379-2618



### III. Statement of Work/Execution

#### EXECUTION SUMMARY

Evoqua Water Technologies, LLC is providing a service proposal for ion exchange resin used for perchlorate removal in the potable water system for the West Valley Water District. The existing equipment consists of two (2) trains (4 vessels) with each vessel containing approximately 318 cubic feet of resin. This proposal includes the following:

- Remove and incineration spent resin at Covanta. Pricing is subject to resin being approved for acceptance at this site. Additional fees may apply if a different site is required. We have a valid profile and can take the spent resin with us the day of service.
- Supply PSR2 Plus perchlorate-selective resin for exchange of two (2) vessels. 318 cu ft per vessel / 636 cu ft total.
- Resin will be prewashed at our facility with a minimum volume of 10 BVs
- Deliver and load PSR2 Plus perchlorate-selective resin in two (2) vessels.
- Perform BAC T and total Coliform analysis

#### ION EXCHANGE (IX) PROCESS DESCRIPTION

##### DESIGN CRITERIA

The proposed anion exchange resin (polystyrene divinylbenzene copolymer) to be used is PSR2 Plus strong base anion exchange resin, manufactured by The Dupont Chemical Company. This resin is specifically designed for selective removal of perchlorate from potable water. PSR2 Plus is a non-nitrate sloughing resin (the selectivity for nitrate is higher than for sulfate). Therefore there will be no nitrate spiking from newly bedded ion exchange vessels.

Source water will be fed to each vessel through the top, pass through the resin bed, and leave the vessel at the bottom (co-current flow). Perchlorate ions in the source water are replaced with chloride ions as the water passes through the bed.

Sterile virgin resin will be pre-rinsed in our Los Angeles resin handling facility for a minimum of 20 BVs, utilizing proprietary techniques, to minimize on-site rinse water requirements. The resin will then be loaded in sterilized sluice vehicles dedicated for potable use, delivered to the site and then sluiced into each vessel. This process will greatly reduce the amount of rinse waters required onsite. Super sacks or other resin vendor marked containers will not be brought on site.

This resin is not regenerated or reused. Evoqua will provide appropriate and legally compliant disposal of the spent resin at the Covanta incineration facility in Crow's Landing.



## **FEEDWATER DESCRIPTION**

The following table outlines the water chemistry we have from historical data.

<b>Description</b>	<b>Well Data</b>
Operational Flow Rate	1800 gpm
Operational Schedule	24/7
Daily Volume (ave)	2,592,000 gpd
Perchlorate	2.2
Sulfate	23
Chloride	8
Nitrate	25
Alkalinity (as CaCO <sub>3</sub> )	149

The two (2) trains are to be operated in a lead/lag arrangement.

Bacteria levels in the supply water are expected to be non-detect (<5 cfu/ml). The presence of bacteria in the supply water to the treatment system may result in increased pressure drop across the system, detectable bacteria in the system effluent and increased downtime due to sanitization requirements. It has been assumed that the bacteria levels from the wells and or the influent to the treatment system will have non-detect (<5 cfu/ml) levels of bacteria. If bacteria are found to be present in the wells you can purchase additional services from Evoqua that will kill the bacteria and also be compatible with the treatment system resin.

The product water will be delivered to the distribution system, through existing infrastructure, with perchlorate levels below 1 ppb.

## **PROCESS WASTE STREAMS**

Resin will be preconditioned, rinsed, inspected, and readied for operation at our Los Angeles service facility, minimizing onsite rinse water requirements (provided by client).

A minimum 4" dechlorinated potable water or fire water source will be required at a line pressure of 60 psig or greater to supply a minimum of 350 gpm to provide water for sluicing.

Onsite rinse waters for resin transfer, rinsing, flushing and/or required disinfection of resin after an extended shutdown period or at any other time, will be disposed of via existing storm drains or other means, on site.

**EQUIPMENT/MEDIA IN-SITU STERILIZATION AND LAY-UP**

If resin sterilization is required due to bacterial growth, Evoqua can provide various proprietary processes to clean the resin. These include CDPH approved processes using either hydrogen peroxide or peracetic acid techniques. Details will be provided upon successful award of the service contract.

For shutdown or intermittent operation, the ion exchange system should remain completely full of water and the inlet and outlet should be sealed either by a valve or a cap. During temporary downtime, and prior to restarting the unit, the system should be rinsed on a daily basis using two to three bed volumes of water. Failure to rinse may result in a temporary presence of contaminated water at the outlet of the exchanger.

If the ion exchange system is shut down for an extended period of time, the following procedure should be followed to reduce potential degradation of bed life. Drain the system of all water. There should be no free standing water left in the vessel. All valves, manways and vents shall be tightly sealed for the duration of the shutdown to eliminate any supply of oxygen that would promote biological growth. Prior to re-commissioning the units, follow the start-up instructions included.

**DISPOSAL OF RESIN**

Per WVWD direction, EWT has quoted disposal of the exhausted resin at the Covanta incineration facility in Crow's Landing. Please note that pricing is based upon resin being declared non-hazardous. Pricing is subject to resin being approved for acceptance at these sites. Additional fees may apply if a different site is required. A valid profile is in place.

**AIR SUPPLY**

Compressed air will be supplied by Evoqua for media exchange.

**ELECTRICAL UTILITY REQUIREMENTS**

No additional electrical utilities are required for this service offering.





#### IV. Fee Proposal

	<b>\$/cu ft</b>	<b>Qty Resin</b>	<b>Total</b>
Resin	\$ 279.73	636	\$ 177,908.28
Labor	\$ 29.95	636	\$ 19,048.20
Disposal	\$ 23.08	636	\$ 14,678.88
Subtotal (w/o tax)	\$ 332.76	636	\$ 211,635.36
Tax on resin only (8%)	\$ 22.38	636	\$ 14,232.66
<b>Total</b>	<b>\$ 355.14</b>	<b>636</b>	<b>\$ 225,868.02</b>

#### COMMERCIAL TERMS

##### *Delivery*

- We have PSR-2 Plus in stock. We like to have two weeks' notice to schedule accordingly, but can work with your time frame.

##### *Prices Do Not Include The Following:*

- Permits
- Site preparation including developing a concrete pad, grouting, weather protection, etc.
- Offloading and installation of equipment

##### *Also Please Note:*

- Proposal pricing valid for 180 days from date of proposal.
- Evoqua Water Technologies LLC terms and conditions are attached hereto and are incorporated into this proposal by reference
- Terms of payment are net 30 days, 100% upon completion. Quoted terms are subject to credit approval.
- FOB factory, freight allowed to jobsite.
- Evoqua Water Technologies LLC's price does not include, and Evoqua Water Technologies LLC shall not be responsible for, any taxes, permits, tariffs, duties or fees (or any incremental increases to such taxes, permits, tariffs, duties or fees enacted by governmental agencies) unless specifically agreed herein or otherwise by Evoqua Water Technologies LLC in writing.



#10232023.R0  
Evoqua Water Technologies LLC

V. **ATTACHMENTS**

Terms and Conditions  
Contractor's License  
DIR registration  
PSR-2 Plus Data Sheet  
PSR-2 Plus NSF

1. **Applicable Terms.** These terms govern the purchase and sale of equipment, products, related services, leased products, and media goods if any (collectively herein "Work"), referred to in Seller's proposal ("Seller's Documentation"). Whether these terms are included in an offer or an acceptance by Seller, such offer or acceptance is expressly conditioned on Buyer's assent to these terms. Seller rejects all additional or different terms in any of Buyer's forms or documents.
2. **Payment.** Buyer shall pay Seller the full purchase price as set forth in Seller's Documentation. Unless Seller's Documentation specifically provides otherwise, freight, storage, insurance and all taxes, levies, duties, tariffs, permits or license fees or other governmental charges relating to the Work or any incremental increases thereto shall be paid by Buyer. If Seller is required to pay any such charges, Buyer shall immediately reimburse Seller. If Buyer claims a tax or other exemption or direct payment permit, it shall provide Seller with a valid exemption certificate or permit and indemnify, defend and hold Seller harmless from any taxes, costs and penalties arising out of same. All payments are due within thirty (30) days after receipt of invoice. Buyer shall pay interest on all late payments not received by the due date. The Buyer shall be charged the lesser rate of 1 ½% interest per month or the maximum interest rate permissible under applicable law, calculated daily and compounded monthly. Buyer shall also reimburse Seller for all costs incurred in collecting amounts due but unpaid, including without limitation, collections fees and attorneys' fees. All orders are subject to credit approval by Seller. Back charges without Seller's prior written approval shall not be accepted.
3. **Delivery.** Delivery of the Work shall be in material compliance with the schedule in Seller's Documentation. Unless Seller's Documentation provides otherwise, delivery terms are FOB Shipping Point, or for international orders, ExWorks Seller's factory (INCO™ Terms 2020). Title to all Work shall pass upon receipt of payment for the Work under the respective invoice. Unless otherwise agreed to in writing by Seller, shipping dates are approximate only and Seller shall not be liable for any loss or expense (consequential or otherwise) incurred by Buyer or Buyer's customer if Seller fails to meet the specified delivery schedule.
4. **Ownership of Materials and Licenses.** All devices, designs (including drawings, plans and specifications), estimates, prices, notes, electronic data, software, and other information prepared or disclosed by Seller, and all related intellectual property rights, shall remain Seller's property. Seller grants Buyer a non-exclusive, non-transferable license to use any written material solely for Buyer's use of the Work. Buyer shall not disclose any such material to third parties without Seller's prior written consent. Buyer grants Seller a non-exclusive, non-transferable license to use Buyer's name and logo for marketing purposes, including but not limited to, press releases, marketing and promotional materials, and web site content.
5. **Changes.** Neither party shall implement any changes in the scope of Work described in Seller's Documentation without a mutually agreed upon change order. Any change to the scope of the Work, delivery schedule for the Work, any Force Majeure Event, any law, rule, regulation, order, code, standard or requirement which requires any change hereunder shall entitle Seller to an equitable adjustment in the price and time of performance. If Buyer requests a proposal for a change in the Work from Seller and subsequently elects not to proceed with the change, a change order shall be issued to reimburse Seller for reasonable costs incurred for estimating services, design services, and services involved in the preparation of proposed changes.
6. **Force Majeure Event.** Neither Buyer nor Seller shall have any liability for any breach or delay (except for breach of payment obligations) caused by a Force Majeure Event. If a Force Majeure Event exceeds six (6) months in duration, the Seller shall have the right to terminate the Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment, including overhead and profit, for work performed prior to the date of termination. "Force Majeure Event" shall mean events or circumstances that are beyond the affected party's control and could not reasonably have been easily avoided or overcome by the affected party and are not substantially attributable to the other party. Force Majeure Event may include, but is not limited to, the following circumstances or events: war, act of foreign enemies, terrorism, riot, strike, or lockout by persons other than by Seller or its sub-suppliers, natural catastrophes, (with respect to on-site work) unusual weather conditions, epidemic, pandemic, communicable disease outbreak, quarantines, national emergency, or state or local order.
7. **Warranty.** Subject to the following sentence, Seller warrants to Buyer that the (i) Work shall materially conform to the description in Seller's Documentation and shall be free from defects in material and workmanship and (ii) the Services shall be performed in a timely and workmanlike manner. Determination of suitability of treated water for any use by Buyer shall be the sole and exclusive responsibility of Buyer, and Seller disclaims any warranty regarding such suitability. The foregoing warranty shall not apply to any Work that is specified or otherwise demanded by Buyer and is not manufactured or selected by Seller, as to which (i) Seller hereby assigns to Buyer, to the extent assignable, any warranties made to Seller and (ii) Seller shall have no other liability to Buyer under warranty, tort or any other legal theory. The Seller warrants the Work, or any components thereof, through the earlier of (i) eighteen (18) months from delivery of the Work, or (ii) twelve (12) months from Buyer's initial operation of the Work, or in the case of services performed as part of the Work, ninety (90) days from the performance of the services (the "Warranty Period"). If Buyer gives Seller prompt written notice of breach of this warranty within the Warranty Period, Seller shall, at its sole option and as Buyer's sole and exclusive remedy, repair or replace the subject parts, re-perform the Service or refund the purchase price. Unless otherwise agreed to in writing by Seller, (i) Buyer shall be responsible for any labor required to gain access to the Work so that Seller can assess the available remedies and (ii) Buyer shall be responsible for all costs of installation of repaired or replaced work. If Seller determines that any claimed breach is not, in fact, covered by this warranty, Buyer shall pay Seller its then customary charges for any repair or replacement made by Seller. Seller's warranty is conditioned on Buyer's (i) operating and maintaining the Work in accordance with Seller's instructions, (ii) not making any unauthorized repairs or alterations, and (iii) not being in default of any payment obligation to Seller. Seller's warranty does not cover (i) damage caused by chemical action or abrasive material, improper thermal or electrical capacity, misuse or improper installation (unless installed by Seller) and (ii) media goods (such as, but not limited to, resin, membranes, or granular activated carbon media) once media goods are installed. THE WARRANTIES SET FORTH IN THIS SECTION ARE THE SELLER'S SOLE AND EXCLUSIVE WARRANTIES AND ARE SUBJECT TO THE LIMITATION OF LIABILITY PROVISION BELOW. SELLER MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE.

8. **Indemnity.** Seller shall indemnify, defend, and hold Buyer harmless from any claim, cause of action, or liability incurred by Seller as a result of third-party claims for personal injury, death, or damage to tangible property, to the extent caused by Seller's negligence. Seller shall have the sole authority to direct the defense of and settle any indemnified claim. Seller's indemnification is conditioned on Buyer (i) promptly notifying Seller of any claim, and (ii) providing reasonable cooperation in the defense of any claim. Buyer shall indemnify, defend, and hold harmless Seller from any claim, cause of action, or liability incurred by Seller as a result of third-party claims for personal injury, death, or damage to tangible property, to the extent caused by Buyer's negligence. Buyer shall have the sole authority to direct the defense of and settle any such indemnified claim. Buyer's indemnification is conditioned on Seller (i) promptly notifying Buyer of any claim, and (ii) providing reasonable cooperation in the defense of any claim.

9. **Assignment.** Neither party may assign this Agreement, in whole or in part, nor any rights or obligations hereunder without the prior written consent of the other party; provided, however, the Seller may assign its rights and obligations under these terms to its affiliates or in connection with the sale or transfer of the Seller's business, and Seller may grant a security interest in the Agreement and/or assign proceeds of the agreement without Buyer's consent.

10. **Termination.** Either party may, in addition to any other available remedy, terminate this agreement for a material breach upon issuance of a written notice of the breach and expiration of a thirty (30) day cure period. In the event of (i) a voluntary or involuntary petition in bankruptcy, (ii) an assignment for the benefit of a creditor, or (iii) a receivership, liquidation, or dissolution, Seller may terminate the agreement immediately, in addition to seeking any other available remedy. If Buyer suspends an order without a change order for ninety (90) or more days, Seller may thereafter terminate this Agreement without liability, upon fifteen (15) days written notice to Buyer, and shall be entitled to payment for work performed, whether delivered or undelivered, prior to the date of termination.

11. **Dispute Resolution.** In the event of any claim, dispute, or controversy arising out of or relating in any way to this Agreement (collectively, a "Claim"), Seller and Buyer shall first negotiate in good faith in an effort to resolve the Claim. If, despite good faith efforts, the parties are unable to resolve a Claim through negotiations, the parties shall mediate the Claim in accordance with the commercial mediation procedures of the American Arbitration Association ("AAA"), with such mediation to take place in Pittsburgh, Pennsylvania. If the parties are unable to resolve the Claim through such mediation, then the Claim shall be resolved through final and binding arbitration pursuant to the commercial arbitration procedures of the AAA, with such arbitration to take place in Pittsburgh, Pennsylvania before one arbitrator, who shall have authority to rule on jurisdiction over the Claim. Seller and Buyer agree to the exclusive jurisdiction of the federal and state courts situated in Allegheny County, Pennsylvania for purposes of entering judgment upon the arbitrator's award. The substantially prevailing party, as determined by the arbitrator, shall be entitled to recover all costs, expenses, and charges, including, without limitation, reasonable attorneys' fees and expert witness fees, incurred in connection with the Claim. In case of an Agreement under which Seller ships the Work outside of the United States, or under which Seller's and Buyer's places of business are in different countries, any Claim which is not resolved by the good faith negotiations and mediation required by this Section shall then be determined by arbitration administered by the International Center for Dispute Resolution in accordance with its International Arbitration Rules, with such arbitration taking place in Pittsburgh, Pennsylvania, USA, before one arbitrator, with English as the language of the arbitration. This Agreement and any Claim shall be governed by the laws of the Commonwealth of Pennsylvania, without giving effect to the choice of law principles thereof.

12. **Export Compliance.** All items, and technologies, software, and work products are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations. Any diversion contrary to U.S. law is prohibited. Buyer acknowledges that Seller is required to comply with applicable export laws and regulations relating to the sale, exportation, transfer, assignment, disposal, and usage of the Work provided under this Agreement, including any export license requirements. Buyer agrees that such Work shall not at any time directly or indirectly be used, exported, sold, transferred, assigned, or otherwise disposed of in a manner which will result in non-compliance with such applicable export laws and regulations. It shall be a condition of the continuing performance by Seller of its obligations hereunder that compliance with such export laws and regulations be maintained at all times. BUYER AGREES TO INDEMNIFY AND HOLD SELLER HARMLESS FROM ANY AND ALL COSTS, LIABILITIES, PENALTIES, SANCTIONS AND FINES RELATED TO NON-COMPLIANCE WITH APPLICABLE EXPORT LAWS AND REGULATIONS.

13. **Anti-Kickback Statute – Discounts.** It is the intent of both Buyer and Seller to comply with the Anti-Kickback Statute (42 U.S.C. §1320a-7b(b)) and the Discount Safe Harbor and Warranties Safe Harbor regulations set forth in 42 C.F.R. 1001.952(h) and (g), respectively. Buyer's price may constitute a 'discount or other reduction in price' under the Anti-Kickback Statute. Seller shall provide Buyer with invoices that fully and accurately disclose the discounted price of all Products purchased under this Agreement to allow Buyer to comply with this Section and the Discount Safe Harbor regulations, including sufficient information to enable it to accurately report its actual cost for all purchases of Products. Buyer acknowledges that, if applicable, it will fully and accurately report all discounts or other price reductions, including warranty items, in the costs claimed or charges made under any Federal or State healthcare program and provide information upon request to third party reimbursement programs, including Medicare and Medicaid. Buyer will be solely responsible for determining whether any savings or discount or warranty item it receives must be reported or passed on to payors.

14. **Federal Program Participation.** Seller represents and warrants that neither it nor any of its current directors, officers, or key personnel: (i) are currently excluded, debarred or otherwise ineligible to participate in federal health care programs as defined in 42 U.S.C. §1320a-7b(f) (the "**Federal Healthcare Programs**"); (ii) have been convicted of a criminal offense related to the provision of healthcare items or services during the last five (5) years; or (iii) have been excluded, debarred or otherwise declared ineligible to participate during the last five (5) years in Federal Healthcare Programs. Seller will notify Buyer of any change in the status of the representations and warranties set forth above.

15. **LIMITATION OF LIABILITY.** NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, SELLER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES, AND SELLER'S TOTAL LIABILITY ARISING AT ANY TIME FROM THE SALE OR USE OF THE WORK, INCLUDING WITHOUT LIMITATION ANY LIABILITY

FOR ALL WARRANTY CLAIMS OR FOR ANY BREACH OR FAILURE TO PERFORM ANY OBLIGATION UNDER THE AGREEMENT SHALL NOT EXCEED THE PURCHASE PRICE PAID FOR THE WORK. THESE LIMITATIONS APPLY WHETHER THE LIABILITY IS BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER THEORY.

16. **Miscellaneous.** These terms, together with any related Contract Documents issued or signed by the Seller, comprise the complete and exclusive statement of the agreement between the parties (the "Agreement") and supersede any terms contained in Buyer's documents, unless separately signed by Seller. No part of the Agreement may be changed or cancelled except by a written document signed by Seller and Buyer. No course of dealing or performance, usage of trade or failure to enforce any term shall be used to modify the Agreement. To the extent the Agreement is considered a subcontract under Buyer's prime contract with an agency of the United States government, in case of Federal Acquisition Regulations (FARs) flow down terms, Seller will be in compliance with Section 44.403 of the FAR relating to commercial items and those additional clauses as specifically listed in 52.244-6, Subcontracts for Commercial Items (OCT 2014). If any of these terms is unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. The Agreement shall be governed by the laws of the Commonwealth of Pennsylvania without regard to its conflict of laws provisions. Both Buyer and Seller reject the applicability of the United Nations Convention on Contracts for the international sales of goods to the relationship between the parties and to all transactions arising from said relationship.

**Only in the event that the Work contemplated in this Order is related to the provision of medical devices, the following additional terms apply:**

17. **Medical Devices Act and Regulatory Disclaimer.** Buyer acknowledges that it is familiar with the U.S. Safe Medical Devices Act of 1990 (the "Devices Act") and the reporting obligations imposed on device users thereunder. In this regard, Buyer agrees to notify Seller within ten (10) days of the occurrence of any event identified in the Devices Act imposing a reporting obligation on Buyer and/or Seller (except for events representing an imminent hazard that require notification to the United States Food and Drug Administration (the "FDA") within seventy-two (72) hours (or such shorter time as required by law), in which case, such notice will be delivered to the FDA and Seller within said period). Buyer will maintain adequate tracking for the Products to enable Seller to meet the FDA requirements applicable to the tracking of medical devices. Although Seller has the required registrations, approvals, and licenses (e.g., U.S. 510(k) pre-market notifications) for all or substantially all of its systems, the purchase of parts and system components from Seller does not provide 510(k) compliance or compliance under any other law, rule or regulation for Buyer's system.

**Only in the event that the Work contemplated in this Order is related to the provision of leased or rented equipment ("Leased Equipment"), the following additional terms apply:**

18. **Rental Equipment / Services.** Any Leased Equipment provided by Seller shall at all times be the property of Seller with the exception of certain miscellaneous installation materials purchased by the Buyer, and no right or property interest is transferred to the Buyer, except the right to use any such Leased Equipment as provided herein. Buyer agrees that it shall not pledge, lend, or create a security interest in, part with possession of, or relocate the Leased Equipment. Buyer shall be responsible to maintain the Leased Equipment in good and efficient working order. At the end of the initial term specified in the order, the terms shall automatically renew for the identical period unless canceled in writing by Buyer or Seller not sooner than three (3) months nor later than one (1) month from termination of the initial order or any renewal terms. Upon any renewal, Seller shall have the right to issue notice of increased pricing which shall be effective for any renewed terms unless Buyer objects in writing within fifteen (15) days of issuance of said notice. If Buyer timely cancels service in writing prior to the end of the initial or any renewal term this shall not relieve Buyer of its obligations under the order for the monthly rental service charge which shall continue to be due and owing. Upon the expiration or termination of this Agreement, Buyer shall promptly make any Leased Equipment available to Seller for removal. Buyer hereby agrees that it shall grant Seller access to the Leased Equipment location and shall permit Seller to take possession of and remove the Leased Equipment without resort to legal process and hereby releases Seller from any claim or right of action for trespass or damages caused by reason of such entry and removal.



# Contractor's License Detail for License # 989497

**DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.**

- ▶ CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click [here](#) for a definition of disclosable actions.
- ▶ Only construction related civil judgments reported to CSLB are disclosed (B&P 7071.17).
- ▶ Arbitrations are not listed unless the contractor fails to comply with the terms.
- ▶ Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 2/16/2022 9:04:01 AM

### Business Information

EVOQUA WATER TECHNOLOGIES LLC  
 1828 METCALF AVE  
 ATTN HARRY BRYANT  
 THOMASVILLE, GA 31792  
 Business Phone Number:(229) 227-8713

**Entity** Ltd Liability  
**Issue Date** 01/03/2014  
**Expire Date** 01/31/2024

### License Status

**This license is current and active.**

**All information below should be reviewed.**

### Classifications

A - GENERAL ENGINEERING

### Bonding Information

#### Contractor's Bond

This license filed a Contractor's Bond with [WESTCHESTER FIRE INSURANCE COMPANY](#).

**Bond Number:** K09065623

**Bond Amount:** \$15,000

**Effective Date:** 01/01/2016

[Contractor's Bond History](#)

#### LLC EMPLOYEE/WORKER BOND

This license filed a LLC Employee/Worker Bond with [WESTCHESTER FIRE INSURANCE COMPANY](#).

**Bond Number:** K0906641A

**Bond Amount:** \$100,000

**Effective Date:** 06/20/2014

[LLC Employee/Worker Bond History](#)

#### Bond of Qualifying Individual

This license filed Bond of Qualifying Individual number **K09066378** for HARRY BRYANT JR in the amount of **\$12,500** with [WESTCHESTER FIRE INSURANCE COMPANY](#).

**Effective Date:** 06/20/2014

[BQI's Bond History](#)

### Workers' Compensation

This license has workers compensation insurance with the [AMERICAN ZURICH INSURANCE COMPANY](#)

**Policy Number:** WC037858102

**Effective Date:** 12/31/2021

**Expire Date:** 12/31/2022

[Workers' Compensation History](#)

### Liability Insurance Information

This license has liability insurance with [EVEREST INDEMNITY INSURANCE COMPANY](#)

**Policy Number:** CF8GL00274211

**Amount:** \$1,000,000

**Effective Date:** 12/31/2021

**Expiration Date:** 12/31/2022

[Liability Insurance History](#)

[Back to Top](#)   [Conditions of Use](#)   [Privacy Policy](#)   [Accessibility](#)   [Accessibility Certification](#)

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### Contractor Information

**Legal Entity Name**  
EVOQUA WATER TECHNOLOGIES LLC

**Legal Entity Type**  
LLC

**Status**  
Active

**Registration Number**  
1000012718

**Registration effective date**  
7/1/2023

**Registration expiration date**  
6/30/2024

**Mailing Address**  
1441 EAST WASHINGTON BLVD LOS ANGELES 90021 C...

**Physical Address**  
1441 EAST WASHINGTON BLVD LOS ANGELES 90021 C...

**Email Address**

**Trade Name/DBA**

**License Number(s)**  
CSLB:989497  
CSLB:989497

### Registration History

Effective Date	Expiration Date
6/19/2018	6/30/2019
6/8/2017	6/30/2018
6/29/2016	6/30/2017
9/29/2015	6/30/2016
2/27/2015	6/30/2015
7/1/2019	6/30/2020
7/1/2020	6/30/2021
7/1/2021	6/30/2022
7/1/2022	6/30/2023
7/1/2023	6/30/2024

### Legal Entity Information

**Corporation Number:**  
result[iCtr].License\_RegistrationRoot.Registration\_Accounts\_\_[regAccts].Corp\_or\_LLC\_ID\_\_c

**Federal Employment Identification Number:Member Name(s):**

**Agent of Service Name:**  
CT Corporation System

**Agent of Service Mailing Address:**  
818 West Seventh St. Los Angeles 90017 CA United States of America

### Workers Compensation

**Do you lease employees** No  
**through Professional Employer Organization (PEO)?:**  
**Please provide your current workers compensation insurance information below:**



PEO InformationName	PEO Phone	PEO Email
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Insured by Carrier

**Policy Holder Name:**Evoqua Water Technologies LLC**Insurance Carrier:**  
AMERICAN ZURICH INSURANCE COMPANY**Policy Number:**WC 037858103**Inception date:**  
12/31/2022**Expiration Date:**12/31/2023



## Product Data Sheet

## AmberLite™ PSR2 Plus Ion Exchange Resin

Drinking Water-grade, Uniform Particle Size, Gel, Strong Base Anion Resin for Selective Perchlorate Removal

### Description

AmberLite™ PSR2 Plus Ion Exchange Resin is a strong base anion exchange resin for the selective removal of perchlorate and per- and polyfluoroalkyl substances (PFAS) from potable water.

The resin offers exceptional selectivity for perchlorate and a high affinity for PFAS. The physical characteristics of AmberLite™ PSR2 Plus, a gel resin with a uniform particle size, afford high operating capacity and lower pressure losses compared to conventional perchlorate removal resins.

### Applications

- Potable water treatment
  - Perchlorate removal
  - Per- and polyfluoroalkyl substances (PFAS) removal

### Typical Properties

#### Physical Properties

Copolymer	Styrene-divinylbenzene
Matrix	Gel
Type	Strong base anion
Functional Group	Tri-n-butyl amine
Physical Form	White to yellow, translucent, spherical beads

#### Chemical Properties

Ionic Form as Shipped	Cl <sup>-</sup>
Total Exchange Capacity	≥ 0.7 eq/L
Water Retention Capacity	25 – 35%

#### Particle Size<sup>§</sup>

Particle Diameter	700 ± 50 µm
Uniformity Coefficient	≤ 1.1
< 300 µm	≤ 1%

#### Stability

Whole Uncracked Beads	≥ 95%
Friability	
> 200 g/bead	≥ 90%

#### Density

Shipping Weight	690 g/L
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§ For additional particle size information, please refer to the [Particle Size Distribution Cross Reference Chart](#) (Form No. 45-D00954-en).

### Suggested Operating Conditions

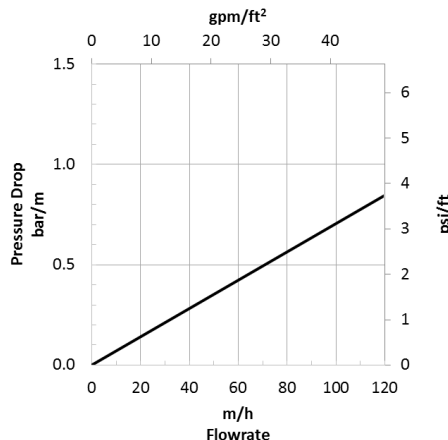
Maximum Operating Temperature	60°C (140°F)
pH Range	0 – 14

## Hydraulic Characteristics

Estimated pressure drop for AmberLite™ PSR2 Plus Ion Exchange Resin as a function of service flowrate at 20°C (68°F) is shown in Figure 1. These pressure drop expectations are valid at the start of the service run with clean water. Estimated pressure drop at other water temperatures can be calculated with the provided equations.

**Figure 1: Pressure Drop**

Temperature = 20°C (68°F)



For other temperatures use:

$$P_T = P_{20^\circ\text{C}} / (0.026T_{\text{C}} + 0.48), \text{ where } P \equiv \text{bar/m}$$

$$P_T = P_{68^\circ\text{F}} / (0.014T_{\text{F}} + 0.05), \text{ where } P \equiv \text{psi/ft}$$

## Conditioning and Limits of Use

AmberLite™ PSR2 Plus Ion Exchange Resin is suitable for use in potable water applications <sup>1</sup> after an initial commissioning pretreatment at ambient temperature.

<sup>1</sup> Please confirm the regulatory approval in your specific country of use.

## Product Stewardship

DuPont has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with DuPont products—from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

## Customer Notice

DuPont strongly encourages its customers to review both their manufacturing processes and their applications of DuPont products from the standpoint of human health and environmental quality to ensure that DuPont products are not used in ways for which they are not intended or tested. DuPont personnel are available to answer your questions and to provide reasonable technical support. DuPont product literature, including safety data sheets, should be consulted prior to use of DuPont products. Current safety data sheets are available from DuPont.

Please be aware of the following:

- **WARNING:** Oxidizing agents such as nitric acid attack organic ion exchange resins under certain conditions. This could lead to anything from slight resin degradation to a violent exothermic reaction (explosion). Before using strong oxidizing agents, consult sources knowledgeable in handling such materials.

**Regulatory Note**

These products may be subject to drinking water application restrictions in some countries; please check the application status before use and sale.

**Have a question? Contact us at:**

[www.dupont.com/water/contact-us](http://www.dupont.com/water/contact-us)

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# Water Quality Association

10/14/2022



## CERTIFIED DRINKING WATER SYSTEM COMPONENTS

*NSF/ANSI/CAN 61 - 2021: Drinking Water System Components - Health Effects*

DDP Specialty Electronic Materials US, LLC

2200 West Salzbury Road  
Midland, MI 48686  
United States

<http://www.dupont.com> (<http://www.dupont.com>)

### Product Type: Ion Exchange Resin

Brand Name	Model	Water Contact Temp	Water Contact Material	Size
AMBERLITE™	PSR-2 Ion Exchange Resin <sup>1</sup> <sub>2</sub>	Cold (23C)	Various	16x50 mesh
AMBERLITE™	PSR2 Plus (Cl) Ion Exchange Resin <sup>1</sup> <sub>2</sub>	Cold (23C)	Various	0.5 - 0.9 mm

<sup>1</sup> Product approved for both residential point of entry and water treatment plant application end uses.

<sup>2</sup> For POE applications, soak with water for 1 hour. Then, rinse 20 bed volumes (BV) with RO/DI water at 10BV/hr (2 hours at 0.14 gpm). For water treatment applications, soak with water for 1 hour. Then, rinse 20 bed volumes (BV) (12 gallons) with RO/DI water at 10 BV/hour.





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** Haydee Sainz, Human Resources and Risk Manager  
**SUBJECT:** POTENTIAL HOLIDAY CLOSURE 2023

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**MEETING HISTORY:**

11/21/23 Human Resources Committee REFERRED TO BOARD

**BACKGROUND:**

For the past five (5) years, in recognition of dedicated service provided by District employees, the Board of Directors has approved the closure of the District from its normal business hours during the time between Christmas and New Year's Day.

Staff will ensure that essential water treatment, supply and meter reading services will be maintained by the operations staff per the standard operating procedures appropriate for night, weekend, and holiday operations. All staff will return to normal work schedules on Wednesday, January 3, 2024. Any emergency that could arise will be handled following existing callback protocol.

**DISCUSSION:**

This year, a repeat of the holiday closure will result in three days of closure, December 27 to December 29 (Wednesday through Friday) that would otherwise be business days. Staff would be paid as normal for these days.

Staff will discuss the proposed closure with the representatives of the International Union of Operating Engineers, Local 12, to communicate the District's intent to authorize the Holiday Closure.

Staff plans to reevaluate the holiday closure as part of the Classification and Compensation Study to help determine if the practice should continue.

**FISCAL IMPACT:**

The FY 23-24 Budget includes salary and benefits for all staff for the entire fiscal year, therefore; the District will not incur any additional cost for the holiday closure, other than minor, if any, emergency callbacks that could arise.

**STAFF RECOMMENDATION:**

Staff recommends that Board of Directors provide direction and if approved, authorize the General Manager to execute all necessary documents.

Respectfully Submitted,

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Haydee Sainz, Human Resources and Risk Manager

JT:hs





**BOARD OF DIRECTORS  
STAFF REPORT**

**DATE:** December 7, 2023  
**TO:** Board of Directors  
**FROM:** John Thiel, General Manager  
**SUBJECT:** PURCHASE NEW 2024 FORD F600 UTILITY SERVICE BODY TRUCK

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**MEETING HISTORY:**

11/30/23 Finance Committee REFERRED TO BOARD

**BACKGROUND:**

The West Valley Water District (District) has a fleet of 10 medium/heavy duty vehicles that include service boy trucks, dump trucks, water trucks, and a vacuum truck. The Vehicle Use and Fleet Replacement Policy outlines a request and replacement schedule for the fleet based on years of service, mileage, and maintenance costs. In addition, the California Air Resources Board (CARB) requires state and local government fleets, including city, county, special district, and State agency fleets, to ensure 50 percent of medium/heavy duty vehicle purchases are zero-emission beginning January 1, 2024, and 100 percent of medium/heavy duty vehicle purchases are zero-emission by January 1, 2027.

Staff have identified and determined that one service body truck should be replaced. It is currently the oldest truck in use and is undersized for the current needs of the Operations Department. This truck was originally a flatbed truck and over the years was fitted with boxes and tools to convert into a service body truck.

**DISCUSSION:**

Staff contacted and worked with 3 local Ford dealerships to assist the District in properly designing, equipping and sizing the service body truck that Operations needs to perform their work safely, effectively and efficiently. The 3 local Ford dealerships that were solicited for quotes were Fairview Ford in San Bernardino, Fritts Ford in Riverside and Citrus Ford in Ontario. The table below is a summary of the cost of the service body truck by each dealership.

<b>Fairview Ford</b>	<b>\$</b>	<b>229,515.85</b>
<b>Fritts Ford</b>	<b>\$</b>	<b>230,461.16</b>
<b>Citrus Ford</b>	<b>\$</b>	<b>231,630.36</b>

The quotes for the service body truck are attached as **Exhibit A**.

Staff also researched the feasibility of purchasing a zero-emission service body truck in preparation

for the new CARB requirements starting January 1, 2024. There is very limited information on zero-emission medium/heavy duty trucks. Most of the information pertains to zero-emission buses, box trucks and freight trucks not service body trucks. A comparable fully equipped zero emission medium duty service body truck will cost around \$365,000. In addition to the increased cost, there is uncertainty on availability of this truck as well as the needed electrification infrastructure at the District to operate this truck.

**FISCAL IMPACT:**

This item was not included in the Fiscal Year 2023-2024 Budget. Staff proposes using \$229,515.85 from the CIP Contingency fund to purchase this truck.

**STAFF RECOMMENDATION:**

Staff recommends the Board of Directors to authorize the District issue a Purchase Order (PO) to Fairview Ford for one (1) new 2024 Ford F600 Utility Service Body Truck in the amount of \$229,515.85.

Respectfully Submitted,

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Al Robles, Purchasing Supervisor

JT;ar

**ATTACHMENT(S):**

1. Exhibit A - Ford F600 Service Body Truck Quotes

# Exhibit A



A

Preview Order 0009 - F6K 4x2 Reg Chas Cab DRW: Order Summary Time of Preview: 11/16/2023 15:25:27 Receipt: NA

Dealership Name: Fairview Ford

Sales Code : F71156

Dealer Rep.	Todd Eff	Type	Fleet	Vehicle Line	Superduty	Order Code	0009
Customer Name	West Valley	Priority Code	B1	Model Year	2024	Price Level	420

DESCRIPTION	MSRP	DESCRIPTION	MSRP
F600 4X2 CHASSIS CAB DRW/193	\$57855	22000# GVWR PACKAGE	\$0
193 INCH WHEELBASE	\$0	50 STATE EMISSIONS	\$0
TOTAL BASE VEHICLE	\$57855	PRO POWER ONBOARD - 2KW	\$985
OXFORD WHITE	\$0	JACK	\$55
VINYL 40/20/40 SEATS	\$0	40 GAL AFT OF AXLE FUEL TNK	\$0
MEDIUM DARK SLATE	\$0	EXTERIOR BACKUP ALARM	\$175
PREFERRED EQUIPMENT PKG.680A	\$0	DUAL BATTERY	\$0
.XL TRIM	\$0	REAR VIEW CAMERA & PREP KIT	\$415
.AIR CONDITIONING -- CFC FREE	\$0	SPECIAL DEALER ACCOUNT ADJUSTM	\$0
.AM/FM STEREO MP3/CLK	\$0	SPECIAL FLEET ACCOUNT CREDIT	\$0
6.7L POWER STROKE V8 DIESEL	\$9995	FUEL CHARGE	\$0
10-SPEED AUTO TORQSHIFT	\$0	NET INVOICE FLEET OPTION (B4A)	\$0
245/70R19.5G BSW ALL POSITION	\$0	PRICED DORA	\$0
4.30 RATIO LIMITED SLIP AXLE	\$0	ADVERTISING ASSESSMENT	\$0
FORD FLEET SPECIAL ADJUSTMENT	\$0	DESTINATION & DELIVERY	\$1995
FRONT LICENSE PLATE BRACKET	\$0		

SALES PRICE A-E 8# 212,998<sup>00</sup>  
 7.75% SALES TAX 8# 16,507<sup>35</sup>  
 CAL. TIRE FEE 8# 10<sup>50</sup>  
 DMV 8 EXEMPT  
TOTAL 8# 229,515<sup>85</sup> EACH

TOTAL BASE AND OPTIONS  
 DISCOUNTS  
 TOTAL

MSRP  
 \$71475  
 NA  
 \$71475

ORDERING FIN: QR607 END USER FIN: QR607

Customer Name:  
 Customer Address:

Customer Email:  
 Customer Phone:

Customer Signature

Date



2286 E. Date Ave.  
Fresno, CA 93706  
Phone: 559-237-5541  
Fax: 559-237-5554  
www.SEINC.com

Quotation



276738

Date: 11/17/2023, 3:21:39 PM

User: Suon, Davina

**Bill To:** FAIRVIEW FORD  
End User: WEST VALLEY WATER DIST.  
Attn: EFF, TODD  
292 NORTH G ST.  
SAN BERNARDINO, CA 92410  
(888) 533-1398

**Ship To:** FAIRVIEW FORD  
End User: WEST VALLEY WATER DIST.  
Attn: EFF, TODD  
292 NORTH G ST.  
SAN BERNARDINO, CA 92410  
(888) 533-1398

<b>Quote Date:</b>	11/17/2023	<b>Salesman:</b>	Quezada, Carlos
<b>Expiration Date:</b>	12/17/2023	<b>Ship Via:</b>	SCELZI DELIVERY
<b>Sales Tax</b>	@	<b>Terms:</b>	COD
		<b>PO Number:</b>	

**Notes:**

MOUNT IN FRESNO  
PAINT BODY WHITE  
REAR MOUNTED FUEL TANK  
DEF TANK SET UP FOR HOSES & BEZEL  
DROP SHIP CODE: F88Q26

NOTE:  
1.) QUOTE IS SUBJECT TO ADDITIONAL SURCHARGES PRICE IS VALID FOR 30 DAYS QUOTE WILL BE RE-EVALUATED ONCE CHASSIS IS GIVEN A VIN# AND AN ETA OF CHASSIS IS PROVIDED BY FACTORY

Qty	Part Number	Description	Total	Tax
1	CUSTOMER TRUCK	2024 - FORD - F-600 - 4X2 - REG CAB - DRW - DIESEL - WHITE - 108" CA VIN#		



Date: 11/17/2023, 3:21:39 PM

User: Suon, Davina

1 SBD-156-96-51-43-  
V

1EA - ALL LIGHTS L.E.D.

\*\*\*NOTE: 96" WIDE BODY X 51" FLOOR\*\*\*

2EA- 10GA SMOOTH STEEL OVERLAY ON CLOSED TOP BOTH SIDES

1EA- FULL HEIGHT PERFORATED CAB GUARD WELDED TOP OF 60"  
TALL COMPARTMENTS

1EA- 60" TALL COMPARTMENT WITH SHELF BRACKETS AND (1) EA  
ADJUSTABLE SHELF MOUNTED ABOVE ROLLER DRAWERS IN  
FRONT 34" COMPARTMENT ON PASSENGER SIDE

8EA- SCELZI ROLLER DRAWERS #250 START FROM BOTTOM (2)EA. 6"  
TALL "NO" DIVIDERS THEN (3)EA. 4" TALL WITH DIVIDERS THEN (3)EA.  
3" TALL ROLLER DRAWERS WITH DIVIDERS ON 2" CENTERS  
MOUNTED IN FRONT 34" COMPARTMENT ON PASSENGER SIDE

1EA- 60" TALL COMPARTMENT WITH SHELF BRACKETS AND (3) EA  
ADJUSTABLE SHELF MOUNTED IN FRONT 24" COMPARTMENT ON  
PASSENGER SIDE

1EA- 60" TALL COMPARTMENT WITH SHELF BRACKETS AND (3) EA  
ADJUSTABLE SHELF MOUNTED IN 2nd 24" COMPARTMENT ON  
PASSENGER SIDE

1EA- 60" TALL OXY/ACC COMPARTMENT WITH BOTTLE HOLDERS,  
HOSE HOLDER AND LOUVERS MOUNTED IN FRONT 34"  
COMPARTMENT ON DRIVERSIDE

1EA- 1/4" X 50 FT REEL CRAFT WELDING HOSE REEL PART#TW7450-  
OLP SPRING REWIND HANG FROM TOP ON PIVOT BASE  
PART#S600608 INSIDE 60"X34 COMPARTMENT DRIVER SIDE

1EA- REEL CRAFT ELECTRIC CORD REEL L 4050 163 9 – 16/3 50 FT.  
TRIPLE OUTLET PLUG TO GENERATOR MOUNTED ON FLOOR INSIDE  
60"X34" COMPARTMENT DRIVER SIDE

1EA- WEATHER TITE WELDER CUTOUT IN FRONT 60"X34" OXY/ACC  
COMPARTMENT DRIVER SIDE

1EA- INSTALL AND SUPPLY MILLER TRAILBLAZER 325 WELDER EXCEL  
POWER PART#907799002 IN CARGO AREA WELDER CUT OUT

1EA- GFI DUPLEX RECEPTICAL WITH WEATHER PROOF ELECTRICAL  
OUTLET COVER WIRE TO WELDER/GENERATOR MOUNTED ON  
REAR END PANEL DRIVER SIDE

1EA- 60" TALL COMPARTMENT WITH SHELF BRACKETS AND (3) EA  
ADJUSTABLE SHELF MOUNTED IN FRONT 24" COMPARTMENT ON  
DRIVERSIDE

1EA- 60" TALL COMPARTMENT WITH SHELF BRACKETS AND (3) EA  
ADJUSTABLE SHELF MOUNTED IN 2ND 24" COMPARTMENT ON  
DRIVERSIDE



Date: 11/17/2023, 3:21:39 PM

User: Suon, Davina

1EA- 22" OD WIDE X 10 ½" OD TALL SINGLE SIDE MATERIAL RACK 2X3 X120 WALL PERFORATED OVER CAB SIDES AND FRONT NON-FORKLIFT ACC -REG-CAB MOUNTED ON DRIVERSIDE (POWDER COAT WHITE)

\*\*\*NOTE: 26 ¼" CLEARANCE NEEDED FROM TOP OF CLOSED TOP TO BOTTOM OF RACK\*\*\*

1EA- STANDARD 5 GALLON WATER CASK HOLDER WITH STRAP (PART #SE190015) MOUNTED ON TOP OF CLOSED TOP ON DRIVER SIDE BEHIND 2ND 60"X24" COMPARTMENT

1EA- 12" TALL X 74" L X 22 ½" 14 GAUGE PERFORATED BASKET OPEN AT TOP MOUNTED ON 1" X 2" TUBING ON CLOSED TOP PASSENGER SIDE

4EA- RECESSED "D" RINGS # TD-60RZNNDH 6000LB CAPACITY MOUNTED IN CARGO AREA FLOOR (2)EA AT CENTER AND (2) EA AT REAR OF BODY

2EA- SHOVEL AND BROOM HOLDER MOUNTED IN FRONT END PANEL OF 60" X34" TALL COMPARTMENT ON BOTH SIDES

1EA- DUAL POLE STYLE CONE HOLDER #SE110122 WITH REMOVABLE POST/BASE MOUNTED IN FRONT BUMPER

\*\*\*NOTE: CONES ARE 28" TALL AND BASE IS 14"X14"\*\*\*

1EA- VANAIR UNDERDECK PTO DRIVEN AIR COMPRESSOR #UDAC4F2WD 185 CFM WITH FAILSAFE DUAL SENSOR REDUNDANCY SYSTEM AND XERO AIR SEPERATION TANK WITH PTO MUNCIE F20-F1312-DS51X-PX DIESEL 10R140 130% W/V-TEC2 PART#6160164P OPTICAL OIL LEVEL SENSOR #033166,

\*\*\*NOTE: MOUNT AIR COOLER & AIR FILTER ON TOP OF COMPARTMENTS DRIVER SIDE AND CONTROL IN CAB PASSENGER SIDE FLOOR\*\*\*

1EA- REEL CRAFT AIR HOSE REEL PART #83050 OLP 50' X ¾" PLUMB TO AIR COMPRESSOR INCLUDES HOSE PLUMB TO AIR COMPRESSOR MOUNTED ON TOP OF CLOSED TOP DRIVERSIDE

2EA- REEL CRAFT WELDING REEL #WC7000 50 FT. PREMIUM DUTY 400 AMP CABLE WELDING REEL INCLUDES 1/0 WELDING CABLES BLACK FLEX 50FT COIL HEAVY DUTY SHRINK WRAPPED COIL MOUNTED ON CLOSED TOP REAR DRIVERSIDE WIRE TO WELDER

1EA- SPRAY POLYURA LINER ON CARGO FLOOR , BACK WRAPPERS , FRONT BULKHEAD TO TOP CAB GUARD , TOP CORNER, INSIDE TAIL GATE

1EA- VALVE KEY STAND 12" WIDE 16" TALL AND 60" LONG RECESSED 3"FROM END OF BODY MOUNTED ON DRIVERSIDE



Date: 11/17/2023, 3:21:39 PM

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2EA- DIGGING BAR HOLDERS MOUNTED ON BACK WRAPPER EXACT LOCATION TBD

2EA- GRAB HANDLES MOUNTED ON 14 GA REINFORCEMENT REAR END PANEL BOTH SIDES

26" REAR WORKDECK WITH 3/16" STEEL DIAMOND PLATE REAR WORK DECK WITH "V" GROOVE "NO" ACCESS DOORS

1EA- CUT OUT ON REAR WORK DECK FOR TAMPER HOLDER FOR MODEL#MTX-70HD WITH LOCKING HANDLE ON DRIVERSIDE

1EA- CUT OUT ON REAR WORK DECK FOR JACK HAMMER HOLDER FOR 90LB APT 110 ON SIDE OF PASSENGER SIDE

1EA- BOLT ON VISE STAND REMOVABLE – PART #SE100919 (VSR-123) MOUNTED ON REAR BUMPER DRIVER SIDE AND SUPPLY AND INSTALL WILTON VISE 648UHD

1EA- BOLT ON VISE STAND REMOVABLE – PART #SE100919 (VSR-123) MOUNTED ON REAR BUMPER PASSENGER SIDE AND SUPPLY AND INSTALL PIPE VISE RIGID BC-810

2EA- CABLE STEPS MOUNTED BELOW REAR BUMPER BOTH SIDES

1EA- ECCO ED3300 SERIES SAFETY DIRECTOR AMBER - ED3315A 48.9 WIDE X 3.1 DEEP X 2.3 HEIGHT WITH 9 FLASH PATTERN MOUNTED ON RAISED STAND ON TOP OF CAB GUARD AND WIRE TO CONTROL IN CAB

6EA- ECCO DIRECTIONAL LED STROBE LIGHTS #ED3702AC MOUNT (2) EA FRONT CHASSIS GRILL(2)EA CHASSIS FENDER (2)EA WHEEL SKIRT OF BODY ON SYNC WITH REAR #ED3040AW AND MOUNT BOTH SIDES WIRE TO UPFITTER SWITCH #5 AND LABEL

2EA- ECCO LED STOP TURN TAIL AND WARNING STROBE LIGHT COMBO 4" ROUND #ED3040AW MOUNT (2)EA REAR BUMPER OF SERVICE BODY ONE EACH SIDE WIRE TO UPFITTER SWITCH#5

2EA- FRC – ADJUSTABLE POLES #KR-SB-200-W2 WITH 2 EA. 4.5 X 5 OPTRONICS TLL70FB MOUNTED ON REAR END PANEL BOTH SIDES WIRED TO UPFITTER SWITCH #6 NOTE: MINIMUM OF 6FT ADJUSTMENT ABOVE BODY

1EA- INSTALL FACTORY BACK UP CAMERA IF EQUIPPED

1EA- CLASS 5 RECEIVER HITCH WITH 2" REDUCER SLEEVE/ INSERT

\*\*\*NOTE: RATED @18000LB PULLING CAPACITY 1800 TONGUE WT\*\*\*

1EA- 7 PRONG FLAT RV TRAILER PLUG #12707

1 HAZ MAT - HWD  
FEE

HAZARDOUS WASTE DISPOSAL FEE



VIRTCDP

CNGP530

VEHICLE ORDER CONFIRMATION

11/02/23 12:34:3

==>

Dealer: F7115

2024 F-SERIES SD

Page: 1 of

Order No: 0000 Priority: B1 Ord FIN: QR607 Order Type: 5B Price Level: 42

Ord PEP: 680A Cust/Flt Name: WEST VALLEY W PO Number:

		RETAIL			RETAIL
F6K	F600 4X2 CHAS/C	\$57855	18B	PLAT RUNNING BD	\$320
	193" WHEELBASE			22000# GVWR PKG	
Z1	OXFORD WHITE		425	50 STATE EMISS	NC
A	VNYL 40/20/40		43C	120V/400W OUTLT	175
S	MED DARK SLATE		512	SPARE TIRE/WHL2	350
680A	PREF EQUIP PKG		59H	HI MNT STOP LMP	NC
	.XL TRIM		61J	JACK	NC
572	.AIR CONDITIONER	NC	65Z	AFT AXLE TANK	NC
	.AMFM/MP3/CLK				
99T	6.7L V8 DIESEL	9995		TOTAL BASE AND OPTIONS	71280
44G	10-SPD AUTOMATC	NC		TOTAL	71280
TD5	245 BSW AP 19.5			*THIS IS NOT AN INVOICE*	
X4L	4.30 LTD SLIP	NC		* MORE ORDER INFO NEXT PAGE *	
	FLEET SPCL ADJ	NC		F8=Next	
	FRT LICENSE BKT	NC			

Order No: 0000 Priority: B1 Ord FIN: QR607 Order Type: 5B Price Level: 42  
Ord PEP: 680A Cust/Flt Name: WEST VALLEY W PO Number:

		RETAIL			RETAIL
67A	350 AMP ALTRNTR	NC			
76C	EX BACKUP ALARM	175			
86M	DUAL BATTERY	NC			
872	RR CAM & PREP K	415			
	SP DLR ACCT ADJ				
	SP FLT ACCT CR				
	FUEL CHARGE				
B4A	NET INV FLT OPT	NC			
	PRICED DORA	NC			
	DEST AND DELIV	1995			

TOTAL BASE AND OPTIONS 71280  
TOTAL 71280  
\*THIS IS NOT AN INVOICE\*

F7=Prev  
F3/F12=Veh Ord Menu

F1=Help F2=Return to Order  
F4=Submit F5=Add to Library  
S099 - PRESS F4 TO SUBMIT

QC05557

Includes updated Scelzie body.

\$211,899.00  
10.50 Tire Fee  
10.50 CVR Fee  
18,541.16 Tax  
\$230,461.16 Total Each

This presentation is designed to provide an example of various finance options that may be available. Incentive programs, Rebates, Rates, Terms and Payments are estimates, subject to change and are impacted by individual credit history and subject to credit approval and program verification. Specific details will be provided when an alternative or alternatives are selected.

### Finance Alternatives

<b>Market Value</b>	<b>69,845.00</b>
<b>Discount Savings</b>	<b>-1,000.00</b>
<b>Vehicle Price</b>	<b>68,845.00</b>
<b>Accessories</b>	<b>144,282.00</b>
<b>Document Prep Fee</b>	<b>85.00</b>
<b>License / Title</b>	<b>1,852.00</b>
<b>Tire/Battery Fee</b>	<b>8.75</b>
<b>Other Fee</b>	<b>33.00</b>
<b>Sales Tax</b>	<b>16,524.61</b>
<b>Total</b>	<b>231,630.36</b>

<b>Due On Delivery</b>	<b>0.00</b>
------------------------	-------------

<b>1 Month Payment</b>	<b>231,630.36</b>
<b>APR (45 days to 1st pymt)</b>	<b>0.00 %</b>
<b>Amount Financed</b>	<b>231,630.36</b>

<b>Tax: CA 7.75% TAX</b>	<b>7.75 %</b>
<b>Taxes And Fees</b>	<b>18,503.36</b>

### Deal Structure

**Finance Payments include: Service body \$144282**

On Approved Credit. Payments are an estimate and may vary among lending institutions. The final terms of your loan or lease may differ depending on credit history and the actual terms of the financial institutions acceptance. Tax rules and amounts may vary based upon State or Locality. Vehicle Price does not include Accessories. Vehicle Price is before Taxes and/or applicable fees.  
 Tax Profile: CA 7.75% Tax

X \_\_\_\_\_  
 Customer Signature                      Date