

June 9, 2023
Sacramento, California

The Board of Trustees of the American River Flood Control District met in regular session at 11:00 a.m. on Friday, June 9, 2023. In attendance were Trustee Johns, Trustee Holloway, Trustee L'Ecluse and Trustee Vander Werf. Trustee Johns presided. Trustee Shah was absent. Also present from the District were General Manager (GM) Tim Kerr, Superintendent Scott Webb, Legal Counsel Rebecca Smith, Legal Counsel Kim Lucia, Field Supervisor David Diaz and Office Manager Malane Chapman. Two members of the public were present.

Item No. 1 Public Comments on Non-Agenda Items: Mr. Dane Wadlè from California Special District Association (CSDA) briefed the Board on legislative issues, and professional development programs.

Item No. 2 Approval of Consent Agenda: On a motion by Trustee Holloway seconded by Trustee Vander Werf, the Board unanimously approved item 2a) Minutes of Regular Meeting on May 12, 2023, 2b) Approval of Report of Investment Transactions April 2023 (City Pool, LAIF, River City) and Treasurer's Certification, 2c) District Financial Reports: Statement of Operations (May 2023) and Cash Flow Report, and 2d) Correspondence: None.

Roll Call Vote:

Trustee Holloway	AYE	Trustee Vander Werf	AYE
Trustee Shah	ABSENT	Trustee L'Ecluse	AYE
Trustee Johns	AYE		

Item No. 3 Accounts Payable and General Fund Expenses (May 2023): Trustee Vander Werf inquired on payments made to Hunt & Sons, MBK Engineers and Trane as well as inquired on the increase in Equipment Repair/Parts. Following explanation by staff and on a motion by Trustee Vander Werf seconded by Trustee Holloway, the Board unanimously approved payments on the Schedule of Accounts Payable (May 2023) of \$64,420.79 and General Fund Expenses of \$93,355.54 (total aggregate sum \$157,776.33).

Roll Call Vote:

Trustee Holloway	AYE	Trustee Vander Werf	AYE
Trustee Shah	ABSENT	Trustee L'Ecluse	AYE
Trustee Johns	AYE		

At 11:17 a.m. the Trustees met in closed session with District Counsel Lucia and District Counsel Smith.

Item No. 4 Conference with Legal Counsel – Personnel: Government Code 549547-FY 2023-24 Salary and Benefit Adjustments for District Staff:

Item No. 5 Conference with Legal Counsel – Personnel: Government Code 54957 – General Manager’s Annual Performance Evaluation:

The Trustees returned to open session at 12:09 p.m. Legal Counsel Lucia reported out that the Board supported the General Manager’s recommended salary adjustments for Fiscal Year 2023-24.

On a motion by Trustee Holloway seconded by Trustee Vander Werf, the Board unanimously approved Item 4: FY 2023-24 Salary and Benefits Adjustments for District Staff.

Roll Call Vote:

Trustee Holloway	AYE	Trustee Vander Werf	AYE
Trustee L’Ecluse	AYE	Trustee Shah	ABSENT
Trustee Johns	AYE		

Legal Counsel Lucia reported out that the Board supports a 4.18% salary increase for a new annual salary of \$200,304.00 and a 2% one time bonus of \$3842.09.

On a motion by Trustee Vander Werf seconded by Trustee L’Ecluse, the board unanimously approved Item 5: General Manager’s Annual Performance Evaluation.

Roll Call Vote:

Trustee Holloway	AYE	Trustee Johns	AYE
Trustee L’Ecluse	AYE	Trustee Shah	ABSENT
Trustee Vander Werf	AYE		

Item No. 6 Administrative Staff Reports:

a) *General Manager Tim Kerr reported on the following:*

- General Manager’s May Meeting Summary: CBS News 13 Interview meeting was discussed;
- Hydrologic Conditions: Folsom Lake is 94% of total capacity with an outflow of 9,441 cfs. The gauge at I street shows a water surface elevation of 13.5 feet above sea level;
- Next Board Meeting is scheduled for July 14, 2023

b) *Legal Counsel Rebecca Smith:* Legal Counsel Smith discussed that Re-Districting Insights will be presenting Redistricting 101 at the July 14, 2023 Board Meeting and that there is an anticipated date of completion of October 2023.

c) *Office Manager Malane Chapman:* Nothing further to report.

Item No. 7 Operations and Maintenance Staff Reports:

a) *Superintendent Scott Webb*

- *Crew Activities* including mowing, equipment maintenance, and ROADEO.

Item No. 8 Questions and Comments by Trustees: Trustee Vander Werf invited the Board to the College Green College Glen National Night Out on June 30, 2023.

Item No. 9 Adjourn: There being no further business requiring action by the Board, the meeting was adjourned by Trustee Johns at 12:42 p.m.

Attest:

Secretary

President

DRAFT

**American River Flood Control District
Staff Report**

Investment Transactions Summary; May 2023

LAIF:

- There were no transactions in this account for the month of May.

City Pool A

- Accrued Interest Receivable for the month of May was \$19,668.25.
- As of May 31, 2023, the balance of Interest Receivable in this account was \$161,172.22.

Interest Receivable is accrued and transferred to the Cash Balance at the discretion of the City.

River City Bank Money Market:

- On May 31, 2023, a monthly interest payment was received in the amount of \$1,067.08.

River City Bank Checking:

- On May 12, 2023, a deposit was received from Sacramento County for the FY 2022-23 Assessment in the amount of \$527,734.50.
- On May 26, 2023, a miscellaneous deposit was made in the amount of \$123.11.
- On May 31, 2023, a monthly interest payment was deposited in the amount of \$50.91.
- Total amount of Accounts Payable cleared during the month of May was \$145,623.38.

**American River Flood Control District
Investment Transaction Report
May 2023**

Item 2b

Balance and Transactions

Account		LAIF	City Pool A	River City Bank Money Market	River City Bank Checking
Beginning Balance	5/1/23	\$68,156.91	\$9,019,598.41	\$1,004,600.62	\$495,153.43
Transactions					
Sacramento County Teeter Payment	5/12/23				\$527,734.50
River City Bank Miscellaneous Deposit	5/26/23				\$123.11
City Pool A Interest	5/31/23		\$19,668.25		
River City Bank Interest	5/31/23			\$1,067.08	\$50.91
Accounts Payable (cleared)					(\$145,623.38)
Ending Balance:	5/31/23	\$68,156.91	\$9,019,598.41	\$1,005,667.70	\$877,438.57

**City Pool A Interest is accrued and deposited in the account at the discretion of the City.

Interest

Date:	June 2022	July 2022	Aug 2022	Sep 2022
LAIF	0.86	1.09	1.28	1.51
City Pool A	1.15	1.33	1.48	1.59
River City Bank Money Market	0.28	0.35	0.35	0.48
River City Bank Checking	0.08	0.08	0.08	0.08
Date:	Oct 2022	Nov 2022	Dec 2022	Jan 2023
LAIF	1.77	2.01	2.17	2.43
City Pool A	1.64	1.78	1.84	2.03
River City Bank Money Market	0.50	0.57	0.86	1.00
River City Bank Checking	0.08	0.08	0.07	0.08
Date:	Feb 2023	Mar 2023	Apr 2023	May 2023
LAIF	2.62	2.83	2.87	2.99
City Pool A	2.35	2.33	2.38	2.53
River City Bank Money Market	1.11	1.26	1.26	1.26
River City Bank Checking	0.08	0.08	0.08	0.08

**American River
Flood Control
District**

AMERICAN RIVER FLOOD CONTROL DISTRICT

MONTHLY REVIEW – MAY 2023

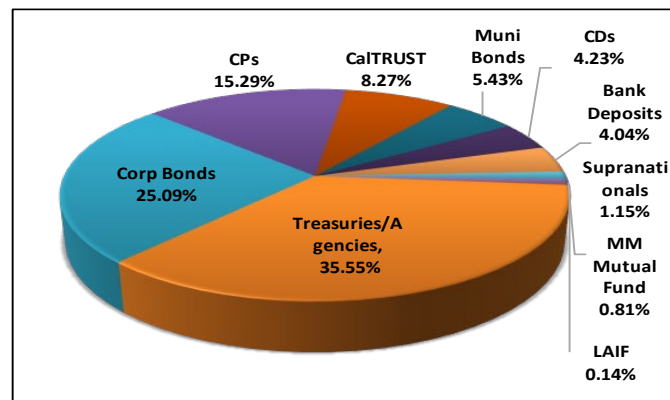
STRATEGY

The ARFCD funds are invested in the City of Sacramento’s Pool A investment fund. The Fund is invested pursuant to the objectives and requirements set forth in the City’s investment policy. The three objectives of the investment policy, in order of priority, are (1) the preservation of capital by the investment in safe instruments, (2) the liquidity needs of the City and pool participants so such parties will have access to cash when they need it, and (3) the maximizing of current income while remaining consistent with the other more important objectives. The City’s investment policy incorporates applicable provisions of state law including, among other things, the prudent person standard and California Code Section 53601 pertaining to eligible investments.

PORTFOLIO STATISTICS

Beginning Balance	9,161,102
Contributions	0
Withdrawals	0
Interest Earned	19,668
Ending Balance	9,180,770

CITY POOL A PORTFOLIO COMPOSITION



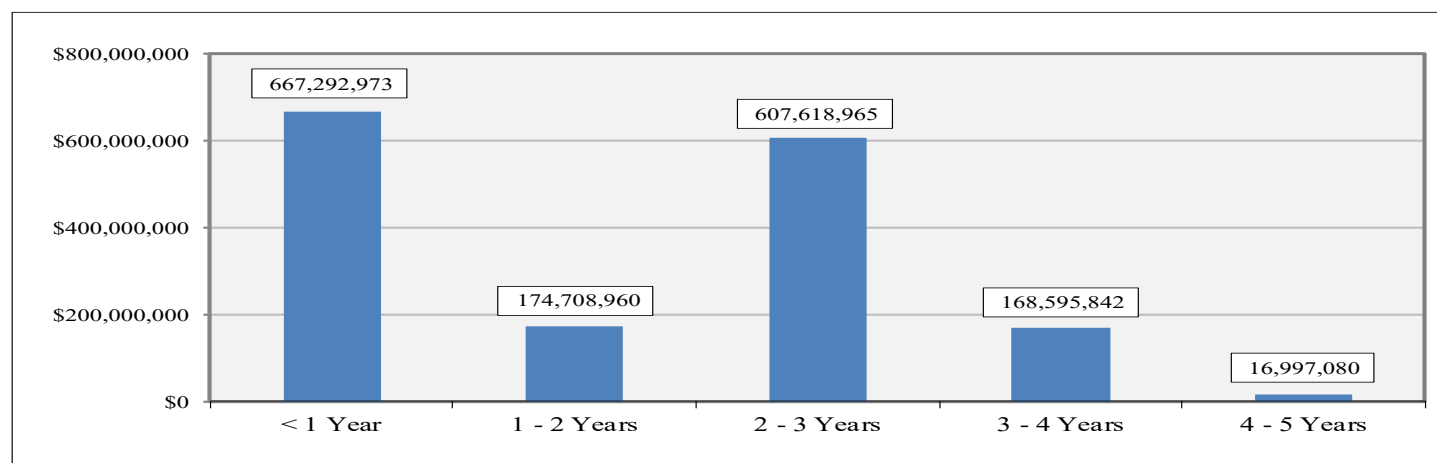
PERFORMANCE COMPARISON

City Pool A	2.53%
LAIF	2.99%
90 Day T-Bill	5.20%
Federal Funds	5.04%

Asset Type	Pct. Assets	YTM
Treasuries/Agencies	35.55%	1.66%
Corp Bonds	25.09%	1.88%
CPs	15.29%	5.12%
CalTRUST	8.27%	4.08%
Muni Bonds	5.43%	2.07%
CDs	4.23%	1.81%
Bank Deposits	4.04%	2.87%
Supranationals	1.15%	1.67%
MM Mutual Fund	0.81%	4.16%
LAIF	0.14%	2.99%

CITY POOL A MATURITY SCHEDULE

Maturity	Market Value	Pct. Holdings
< 1 Year	667,292,973	40.81%
1 - 2 Years	174,708,960	10.68%
2 - 3 Years	607,618,965	37.16%
3 - 4 Years	168,595,842	10.31%
4 - 5 Years	16,997,080	1.04%
Total	1,635,213,820	100.00%



City of Sacramento
 CASH LEDGER
American River Flood Control District
 From 05-01-23 To 05-31-23

All Cash Accounts

Trade Date	Settle Date	Tran Code	Quantity	Security	Amount	Cash Balance
Pool A Interest Receivable						
05-01-23				Beginning Balance		141,503.97
05-31-23	05-31-23	in		Pool A Cash	19,668.25	161,172.22
				May 2023 estimated Pool A interest		
					19,668.25	
05-31-23				Ending Balance		161,172.22
Pool A Cash						
05-01-23				Beginning Balance		9,019,598.41
05-31-23				Ending Balance		9,019,598.41

California State Treasurer
Fiona Ma, CPA



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

June 01, 2023

[LAIF Home](#)
[PMIA Average Monthly Yields](#)

AMERICAN RIVER FLOOD CONTROL DISTRICT

DISTRICT ENGINEER/MANAGER
165 COMMERCE CIRCLE, SUITE D
SACRAMENTO, CA 95815

[Tran Type Definitions](#)

Account Number: 90-34-002

May 2023 Statement

Account Summary

Total Deposit:	0.00	Beginning Balance:	68,156.91
Total Withdrawal:	0.00	Ending Balance:	68,156.91



River City Bank

WWW.RIVERCITYBANK.COM

PO Box 15247, Sacramento, CA 95851-0247

Return Service Requested

Item 2b



Last statement: April 30, 2023
This statement: May 31, 2023
Total days in statement period: 31

AMERICAN RIVER FLOOD CONTROL DISTRICT
C/O ROBERT MERRITT, CPA
4000 MAGNOLIA HILLS DR
EL DORADO HILLS CA 95762-6561

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0811100952
(0)

Direct inquiries to:
916-567-2836

Public Fund Money Market

Account number	0811100952	Beginning balance	\$1,004,600.62
Low balance	\$1,004,600.62	Total additions	1,067.08
Average balance	\$1,004,600.62	Total subtractions	0.00
Avg collected balance	\$1,004,600	Ending balance	\$1,005,667.70
Interest paid year to date	\$4,864.92		

CREDITS

Date	Description	Additions
05-31	Interest Credit	1,067.08

DAILY BALANCES

Date	Amount	Date	Amount	Date	Amount
04-30	1,004,600.62	05-31	1,005,667.70		

INTEREST INFORMATION

Annual percentage yield earned	1.26%
Interest-bearing days	31
Average balance for APY	\$1,004,600.62
Interest earned	\$1,067.08

AMERICAN RIVER FLOOD CONTROL DISTRICT
May 31, 2023

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0811100952

OVERDRAFT/RETURN ITEM FEES

	Total for this period	Total year-to-date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00



River City Bank

WWW.RIVERCITYBANK.COM

PO Box 15247, Sacramento, CA 95851-0247

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Item 2b



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AMERICAN RIVER FLOOD CONTROL DISTRICT
C/O ROBERT MERRITT, CPA
4000 MAGNOLIA HILLS DR
EL DORADO HILLS CA 95762-6561

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0811090736
(44)

Direct inquiries to:
916-567-2836

Public Fund Interest Checking

Account number	0811090736	Beginning balance	\$495,153.43
Enclosures	44	Total additions	527,908.52
Low balance	\$448,716.30	Total subtractions	145,623.38
Average balance	\$749,199.07	Ending balance	\$877,438.57
Avg collected balance	\$749,183		

CHECKS

Number	Date	Amount	Number	Date	Amount
9314	05-03	90.50	9357	05-22	205.41
9325 *	05-01	300.00	9358	05-22	42.00
9338 *	05-01	802.21	9359	05-24	561.62
9339	05-09	284.28	9360	05-24	125.07
9340	05-22	239.06	9361	05-23	1,125.00
9341	05-19	29,192.74	9363 *	05-25	100.00
9342	05-25	28.96	9364	05-23	4,546.00
9343	05-24	719.25	9365	05-24	1,507.97
9344	05-23	536.07	9366	05-25	843.48
9345	05-22	213.15	9367	05-22	933.78
9346	05-19	450.00	9368	05-23	200.00
9347	05-18	712.50	9369	05-22	64.66
9348	05-23	212.75	9370	05-23	1,242.80
9349	05-24	107.00	9371	05-25	539.71
9350	05-19	270.00	9372	05-31	799.30
9351	05-19	2,832.00	9373	05-25	180.78
9352	05-22	3,036.86	9374	05-25	152.25
9353	05-23	166.40	9376 *	05-23	241.30
9354	05-24	787.98	9377	05-25	56.19
9355	05-22	4,633.25	9378	05-30	870.00
9356	05-22	352.73			

* Skip in check sequence

AMERICAN RIVER FLOOD CONTROL DISTRICT
May 31, 2023

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0811090736

DEBITS

Date	Description	Subtractions
05-01	' ACH Withdrawal INTUIT PAYROLL S QUICKBOOKS 230501 946000047	28,433.55
05-04	' ACH Withdrawal CALPERS 1900 100000017155472	195.08
05-04	' ACH Withdrawal CALPERS 3100 100000017104284	1,699.70
05-04	' ACH Withdrawal CALPERS 3100 100000017104324	2,867.43
05-04	' ACH Withdrawal CALPERS 1900 100000017155460	9,033.50
05-05	' ACH Withdrawal HEALTH EQUITY INC HealthEqui 230505	250.00
05-05	' ACH Withdrawal CALPERS 1900 100000017158073	2,480.88
05-12	Incoming Wire Fee 202305120081140 COUNTY OF SACRAMENSACRAMENTO CA 9581 PROPERTY TAX DISTR	15.00
05-16	' ACH Withdrawal HEALTH EQUITY INC HealthEqui 230516	252.95
05-16	' ACH Withdrawal CALPERS 3100 100000017140800	2,036.86
05-16	' ACH Withdrawal CALPERS 3100 100000017140836	3,091.47
05-16	' ACH Withdrawal INTUIT PAYROLL S QUICKBOOKS 230516 946000047	31,859.27
05-17	' ACH Withdrawal CALPERS 1900 100000017173433	2,566.92
05-19	' ACH Withdrawal INTUIT PAYROLL S QUICKBOOKS 230519 946000047	535.20
05-31	' Service Charge ADDITIONAL DEBITS	0.56

CREDITS

Date	Description	Additions
05-12	Incoming Wire 202305120081140 COUNTY OF SACRAMENSACRAMENTO CA 9581 PROPERTY TAX DISTR	527,734.50
05-26	Deposit	123.11
05-31	' Interest Credit	50.91

AMERICAN RIVER FLOOD CONTROL DISTRICT
 May 31, 2023

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 0811090736

DAILY BALANCES

Date	Amount	Date	Amount	Date	Amount
04-30	495,153.43	05-12	976,435.80	05-23	884,644.67
05-01	465,617.67	05-16	939,195.25	05-24	880,835.78
05-03	465,527.17	05-17	936,628.33	05-25	878,934.41
05-04	451,731.46	05-18	935,915.83	05-26	879,057.52
05-05	449,000.58	05-19	902,635.89	05-30	878,187.52
05-09	448,716.30	05-22	892,914.99	05-31	877,438.57

INTEREST INFORMATION

Annual percentage yield earned	0.08%
Interest-bearing days	31
Average balance for APY	\$749,183.20
Interest earned	\$50.91

OVERDRAFT/RETURN ITEM FEES

	Total for this period	Total year-to-date
Total Overdraft Fees	\$0.00	\$0.00
Total Returned Item Fees	\$0.00	\$0.00

CERTIFICATION

The American River Flood Control District's investment portfolio [] is [is not] in compliance with the District's Financial Management Investments Plan.

The District's investment portfolio is not in compliance in the following respects:

A cash flow analysis confirms that the District [is] [is not] expected to be able to meet its expenditure requirements for the next six months.

The District's cash is insufficient to meet obligations for the next six months as a result of the following:

Attached hereto are the most recent statements of accounts of the following District accounts:

- LAIF Account, State Treasurer's Office **Dated May 2023**
- Investment Pool A Account, City of Sacramento **Dated May 2023**
- District Checking Account, River City Bank **Dated May 2023**
- District Repurchase Account, River City Bank **Dated May 2023**

Certified by: _____ Date: _____
Cyril Shah, District Treasurer

American River Flood Control District
Statement of Operations
July 1, 2022 to June 30, 2023 (Twelve Months Ending of Fiscal 2023)
For Internal Use Only

	Year to Date July 1, 2022 to June 30, 2023	Budget	Percent of Budget
Revenues			
Benefit assessment	\$ 1,258,533	\$ 1,429,793	88.02%
Consolidated capital assessment	-	980,000	0.00%
Interest	170,963	77,267	221.26%
O & M agreements	-	312,057	0.00%
Miscellaneous	807	-	Not budgeted
Total Revenues	1,430,303	2,799,117	51.10%
M & O Expenses			
Salaries and wages	822,155	804,858	102.15%
Payroll tax expense	61,142	64,389	94.96%
Pension expense	197,484	230,196	85.79%
Compensation insurance	17,846	40,243	44.35%
Medical/dental/vision	208,773	231,542	90.17%
Fuel/oil reimbursement	36,995	55,000	67.26%
Equipment rental	-	15,000	0.00%
Equipment repairs/parts	61,227	65,000	94.20%
Equipment purchases (< \$5,000)	1,581	15,000	10.54%
Shop supplies	3,480	27,500	12.65%
Levee maint. (supp. & material)	11,311	20,000	56.56%
Levee maint. chemicals	13,447	40,000	33.62%
Levee maint. services	14,862	80,000	18.58%
Rodent abatement (supplies & materials)	12,270	10,000	122.70%
Employee uniforms	4,669	6,000	77.82%
Staff training	2,149	5,000	42.98%
Regulation Compliance (OSHA)	28,046	25,000	112.18%
Miscellaneous	1,188	1,500	79.20%
Small tools & equipment	1,631	7,500	21.75%
Emergency preparedness program	71,375	25,000	285.50%
Engineering services	21,546	20,000	107.73%
Encroachment remediation	1,600	15,000	10.67%
Urban camp cleanup	19,126	30,000	63.75%
Total M & O Expenses	1,613,903	1,833,728	88.01%
Administration Expenses			
Board of trustees compensation	5,293	7,600	69.64%
Trustee expenses	649	2,400	27.04%
Trustee training	-	5,000	0.00%
Accounting services	16,175	15,000	107.83%
Legal services (general)	27,061	50,000	54.12%
Utilities	49,003	40,000	122.51%
Telephone	22,493	25,000	89.97%
Retiree benefits	138,965	148,109	93.83%
Office/shop/yard lease	7,479	7,491	99.84%
Office equipment/furniture	-	2,500	0.00%
Auto allowance	7,089	6,600	107.41%
Parking reimbursement	-	500	0.00%
General office expense	13,248	15,000	88.32%
Technology and software	7,766	10,000	77.66%
Dues and associations	27,174	25,000	108.70%
Property and liability insurance	36,669	42,000	87.31%
Public relations/information	-	30,000	0.00%
Miscellaneous	9,120	5,000	182.40%
Conference/Workshop/Seminar	-	2,500	0.00%
Election expenses	1,887	200,000	0.94%
Employee morale/wellness	469	2,000	23.45%
Investment fees	13,582	20,000	67.91%
Community services	-	1,500	0.00%
Bookkeeping services	11,140	14,000	79.57%
Property taxes	1,761	3,000	58.70%
Building maintenance	23,924	10,000	239.24%
County Dtech fees for DLMS	31,858	55,000	57.92%
Interest expense	94	-	Not budgeted
Total Administration Expenses	452,899	745,200	60.78%
Special Projects Expenses			
Engineering studies/survey studies	-	20,000	0.00%
Levee standards compliance	-	25,000	0.00%
Small capital projects	212,503	170,000	125.00%
Total Special Project Expenses	212,503	215,000	98.84%
Capital Outlay			
Equipment purchases (over \$5,000)	51,355	200,000	25.68%
Total Capital Outlay	51,355	200,000	
Capital Outlay: District Facilities			
District headquarters facilities	7,809	350,000	2.23%
	7,809	350,000	

Note: Amounts above are not audited

The above information is current through the last day of the previous month's bank activity.

Data has been verified by the bookkeeper and physical copies of checks have not been reviewed or received and some checks may not have cleared the bank account.

AMERICAN RIVER FLOOD CONTROL DISTRICT
 Cash Flow Report
 July 2022 through June 2023

Cash Flow Report													
Maintenance and Operations Expens	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	TOTAL
500 - Salary/Wages	60,084.44	59,218.28	105,737.48	31,760.84	70,077.52	103,460.28	46,925.14	67,990.32	100,666.60	30,150.50	62,919.27	101,461.08	840,451.75
501 - Payroll Taxes	5,110.55	4,762.17	8,426.43	2,346.68	4,420.00	6,485.69	4,369.22	5,520.05	7,764.81	2,351.20	4,876.41	7,825.62	64,258.83
502 - Pension	15,995.97	17,356.29	15,036.31	17,370.32	16,203.30	19,058.22	12,558.05	16,376.95	14,500.05	17,240.77	16,095.45	28,992.17	206,783.85
503 - Compensation Insurance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(578.26)	0.00	0.00	(578.26)
504 - Medical/Dental/Vision	16,058.52	15,852.52	15,802.52	18,076.92	21,088.65	19,188.16	15,374.18	17,022.17	18,329.71	17,741.44	18,273.67	18,069.44	210,877.90
508 - Fuel/Oil	5,502.74	5,607.64	105.25	0.00	4,703.51	1,602.88	3,872.17	3,609.43	4,449.54	4,256.48	3,132.55	5,761.50	42,603.69
509 - Equipment Rental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
510 - Equipment Purchase(< \$5000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,580.68	0.00	0.00	0.00	0.00	1,580.68
511 - Equipment Repair/Parts	806.43	4,060.72	2,257.45	18,552.70	5,998.75	3,933.39	14,128.18	1,957.34	1,815.93	3,099.48	1,965.20	2,523.74	61,099.31
512 - Shop Supplies	501.78	174.46	168.36	0.00	302.50	919.64	1,183.69	0.00	(405.15)	781.70	52.55	0.00	3,679.53
514 - Levee Maint(Supplies&Materi	0.00	326.12	0.00	825.37	0.00	797.49	3,810.22	0.00	742.93	4,577.28	0.00	253.91	11,333.32
515 - Levee Maintenance Services	0.00	1,185.12	10,500.00	0.00	0.00	1,065.75	380.41	0.00	0.00	1,446.12	284.28	0.00	14,861.68
516 - Employee Uniforms	0.00	3,897.96	683.32	0.00	87.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,669.23
518 - Staff Training	0.00	0.00	0.00	153.66	0.00	734.98	0.00	1,260.12	0.00	0.00	0.00	0.00	2,148.76
519 - Miscellaneous O&M	0.00	0.00	0.00	0.00	1,188.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,188.00
521 - Small Tools & Equip	1,483.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,134.96	329.70	166.66	0.00	3,114.45
523 - Levee Maint. (Chemicals)	778.66	0.00	0.00	0.00	0.00	4,735.53	4,875.27	0.00	1,857.13	0.00	21.19	1,957.50	14,225.28
525 - Emergency Preparedness Pr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
530 - Encroachment Remediation I	591.06	1,008.25	854.14	1,815.61	804.14	998.67	1,466.76	1,702.93	1,032.37	758.05	1,422.55	750.98	13,205.51
532 - Rodent Abatement	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
533 - Urban Camp Cleanup	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	1,600.00
605 - Engineering Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,375.00	10,480.00	0.00	0.00	2,620.00	15,475.00
615 - Survey Services	0.00	285.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	285.69
616 - Environmental Services/Studi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total M&O Expense	106,913.28	113,735.22	159,571.26	90,902.10	124,874.32	162,980.68	108,943.29	120,994.99	162,368.88	82,154.46	109,209.78	170,215.94	1,512,864.20

Administrative Expenses	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	TOTAL
505 - Telephone	1,514.91	1,553.69	1,630.16	1,990.44	1,504.83	3,426.88	2,112.27	2,313.21	1,524.90	1,890.87	2,036.33	1,996.83	23,495.32
506 - Utility Charges	3,804.54	5,071.89	4,398.61	6,314.86	3,160.92	3,990.71	4,813.09	4,651.62	4,271.34	4,381.48	4,099.58	3,875.38	52,834.02
507 - Office/Shop Lease	0.00	1,848.24	624.24	624.24	624.24	624.24	624.24	624.24	1,248.48	624.24	624.24	624.24	8,714.88
513 - Office Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
517 - Auto Allowance	550.00	550.00	825.00	275.00	550.00	825.00	275.00	550.00	825.00	275.00	550.00	825.00	6,875.00
520 - Retiree Benefits	11,592.25	11,597.01	11,597.01	11,597.01	11,597.01	11,981.87	11,981.87	11,981.87	11,981.87	10,661.66	11,541.80	11,541.80	139,653.03
522 - Office Equipment/Furniture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
526 - Mileage/Parking Reimbusem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57,869.07	4,256.08	0.00	0.00	0.00	62,125.15
527 - General Office Expense	0.00	0.00	0.00	8,400.00	0.00	0.00	849.89	0.00	0.00	0.00	0.00	0.00	9,249.89
529 - Pre-funding Retiree Benefits	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
531 - Technology & Software	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
600 - Board of Trustees Compensa	0.00	5,979.25	0.00	0.00	6,136.91	153.67	0.00	0.00	0.00	0.00	0.00	0.00	12,269.83
601 - Trustee Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
602 - Accounting Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
603 - Legal Fees (General)	0.00	117.45	0.00	53.88	0.00	0.00	0.00	24.76	42.94	149.11	94.10	221.03	703.27
604 - Flood Litigation	0.00	117.45	0.00	53.88	0.00	0.00	0.00	24.76	42.94	149.11	94.10	221.03	703.27
606 - Legislative Services	6,552.00	7,543.00	4,740.50	2,975.00	2,599.00	4,286.50	4,317.50	1,407.00	992.50	1,676.00	3,544.50	522.50	41,156.00
607 - Dues and Assoc. Expenes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
608 - Insurance Premiums	(5,147.50)	9,046.71	2,842.85	3,041.50	1,365.75	0.00	714.50	1,044.00	0.00	2,205.50	4,633.25	5,698.50	25,445.06
609 - Conference /Workshops/Sem	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
610 - Public Relations Information	0.00	0.00	6,528.00	0.00	13,690.00	8,306.00	60.00	0.00	0.00	150.00	0.00	0.00	28,734.00
611 - Election Expenses	15,069.93	0.00	1,600.80	5,661.53	27,413.00	0.00	6,011.46	0.00	0.00	6,172.84	0.00	0.00	61,929.56
612 - District Annexations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
613 - Community Services	585.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	585.07
614 - Miscellaneous Admin	0.00	0.00	0.00	0.00	0.00	1,887.00	0.00	0.00	0.00	0.00	0.00	0.00	1,887.00
617 - Investment Fees	215.26	353.50	318.75	163.87	192.43	306.78	325.00	314.77	4,086.74	1,168.59	216.82	2,429.26	10,091.77
618 - Property Tax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
619 - Building Maintenance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
620 - Bookkeeping Services	0.00	0.00	4,498.00	0.00	4,510.00	0.00	0.00	4,526.00	0.00	0.00	4,546.00	0.00	18,080.00
621 - County Assessment Fees	0.00	0.00	0.00	1,761.36	0.00	0.00	0.00	0.00	0.00	0.00	(38.16)	0.00	1,723.20
622 - County DTech Fees for DLMS	810.00	405.00	855.00	855.00	1,215.00	675.00	1,080.00	2,205.00	900.00	880.24	1,125.00	0.00	11,005.24

AMERICAN RIVER FLOOD CONTROL DISTRICT
Cash Flow Report
July 2022 through June 2023

623 - Employee Morale/Wellness	215.26	353.50	318.75	163.87	192.43	306.78	325.00	314.77	4,086.74	1,168.59	216.82	1,085.35	8,747.86
Total Administrative	35,761.72	44,536.69	40,777.67	43,931.44	74,751.52	36,770.43	33,489.82	87,851.07	34,259.53	31,553.23	33,284.38	29,040.92	526,008.42
Special Projects Expenses													
	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	TOTAL
702 - Engineering/Survey Studies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
703 - Encroachment Remediation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
704 - Vegetation Management	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
705 - Small Capital Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
707 - Levee Standards Compliance	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Special Projects	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital Outlay: Flood Control													
	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	TOTAL
700 - Bank Protection	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
701 - Magpie Creek	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
706 - Property Acquisition	2,059.64	143,039.49	33,099.12	29,124.38	5,501.46	0.00	0.00	1,789.00	0.00	0.00	0.00	0.00	214,613.09
709 - Equipment Purchase (> \$500)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Capital Outlay: Flood Control	2,059.64	143,039.49	33,099.12	29,124.38	5,501.46	0.00	0.00	1,789.00	0.00	0.00	0.00	0.00	214,613.09
Income													
120 - Benefit Assessment	0.00	29,121.78	0.00	0.00	0.00	18,608.02	734,145.78	0.00	0.00	0.00	527,734.50	0.00	1,309,610.08
122 - SAFCA CAD4	0.00	0.00	980,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	980,000.00
123 - Interest	418.24	285.69	456.17	871.41	624.79	810.82	1,224.76	909.05	1,113.16	1,524.73	1,117.99	1,085.35	10,442.16
124 - O&M Agreements	0.00	0.00	0.00	0.00	0.00	0.00	305,633.85	0.00	0.00	0.00	0.00	0.00	305,633.85
126 - Miscellaneous Income	13,501.75	0.00	0.00	0.00	150.00	(300.00)	290.48	0.00	0.00	0.00	0.00	0.00	13,642.23
Total Income	13,919.99	29,407.47	980,456.17	871.41	774.79	19,118.84	1,041,294.87	909.05	1,113.16	1,524.73	528,852.49	1,085.35	2,619,328.32
Fund Balance													
	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	
District Operations Fund													
Beginning Balance	132,508.93	(346,246.08)	(475,110.52)	304,996.72	171,034.59	(27,816.46)	(208,448.73)	690,413.03	482,476.02	286,960.77	174,777.81	561,136.14	
Income	13,919.99	29,407.47	980,456.17	871.41	774.79	19,118.84	1,041,294.87	909.05	1,113.16	1,524.73	528,852.49	1,085.35	
Expenses	492,675.00	158,271.91	200,348.93	134,833.54	199,625.84	199,751.11	142,433.11	208,846.06	196,628.41	113,707.69	142,494.16	271,256.86	
Ending Balance	(346,246.08)	(475,110.52)	304,996.72	171,034.59	(27,816.46)	(208,448.73)	690,413.03	482,476.02	286,960.77	174,777.81	561,136.14	290,964.63	
Capital Outlay Reserve Fund													
Beginning Balance	920,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	
Income	350,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ending Balance	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	1,270,000.00	
Retiree Health Benefit Reserve Fund													
Beginning Balance	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	
Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ending Balance	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	3,552,014.00	
Flood Emergency Response Reserve Fund													
Beginning Balance	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	
Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ending Balance	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	
Emergency Repair Reserve Fund													
Beginning Balance	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	
Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ending Balance	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	
Total Balance	7,475,767.92	7,346,903.48	8,127,010.72	7,993,048.59	7,794,197.54	7,613,565.27	8,512,427.03	8,304,490.02	8,108,974.77	7,996,791.81	8,383,150.14	8,112,978.63	



Redistricting
Insights

Prepared for the American River Flood Control District

July 2023

WHAT IS DISTRICTING?

Districting is at its core the act of equalizing population among districts.

This is important in order to meet two requirements - one constitutional, one from Supreme Court precedent:

- Equal Representation (14th Amendment) - how effective any resident can be at advocating for themselves or being represented within a jurisdiction.
- One Person One Vote - equal ability to elect a candidate of choice.

WHAT IS DISTRICTING?

Districiting has changed significantly over the years as federal and state laws, norms, best practices, and public opinion has transformed.

In California/Municipal Law:

- Prop 11 and 20 (Statewide Districiting/Redistricting)
- CA FAIRMAPS Act

REDISTRICTING/REAPPORTIONMENT

They are different things but people mistakenly conflate them

Reapportionment

Allocating the 435 Congressional seats among the states

**N.Y. loses single seat in Congress by just 89 people as
Census Bureau releases reapportionment figures**

April 26, 2021

Redistricting

Drawing district lines within the states, counties, cities, school districts

DEFINITIONS



REAPPORTIONMENT
Census Bureau for Congress
(30 seconds)

DISTRICTING/REDISTRICTING
Done by states, cities, school boards

GERRYMANDER

PRINCIPLES OF DISTRICTING



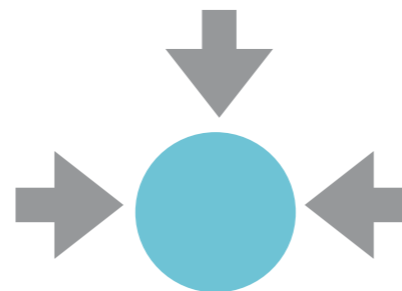
POPULATION EQUALITY



FEDERAL VOTING RIGHTS ACT
SECTION 2



COMMUNITIES OF INTEREST



COMPACTNESS



CONTIGUITY

POPULATION EQUALITY

For Congress it is 1 person for deviation

For State and local governments it is a deviation range of 10%

	Population	Deviation	% of Deviation
D1	21,000	1000	5%
D2	20,200	200	1%
D3	19,800	-200	-1%
D4	19,250	-750	-3.75%
D5	19,750	-250	-1.25%

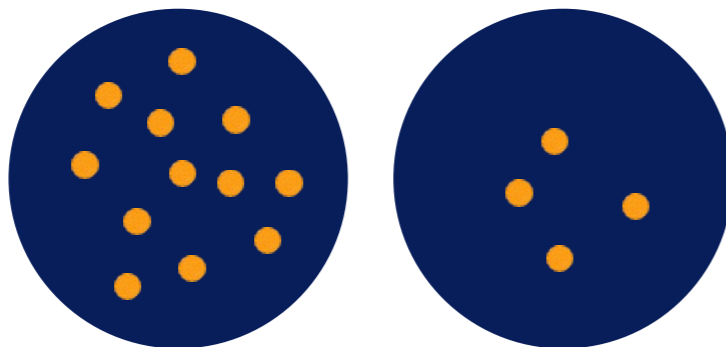
**These numbers are just an example and not reflective of the district's current population*

EQUAL POPULATION

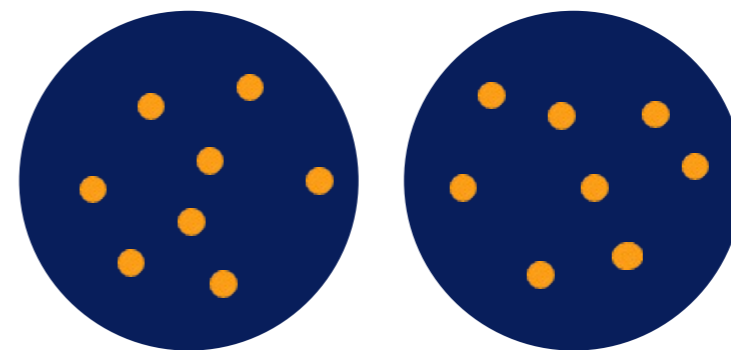
What is “equal” population has been a key subject in districting litigation.

- Population Equality is based on “People” not citizens or voters or other metrics.
- The metric used is called “deviation” which is a measure of how close a district is to equal size.

Not Equal Districts



Equal Districts



EQUAL POPULATION

What is “equal” population has been a key subject in districting litigation.

- Equality is Required
- *Strict adherence to a numeric goal for equality beyond what is required is not necessarily better.*



FEDERAL VOTING RIGHTS ACT



**FEDERAL VOTING RIGHTS ACT
OF 1965**



MOBIL V. HOLDER (1980)



**CONGRESSIONAL RESPONSE TO
MOBIL V. HOLDER (1982)**



THORNBURG V. GINGLES (1985)

WHAT IS THE VOTING RIGHTS ACT?

The decision to invoke Section 2 is something that requires legal counsel.

Does the minority population qualify under Section 2?

Is the proposed district a sufficient remedy – is it an “effective” majority minority district?

Is there a claim for a coalition district?

Without Section 2, a community of interest can still be supported but race cannot be a predominant factor in drawing lines.

GINGLES FACTORS

“Gingles factors” are three preconditions that a minority group must meet to establish a violation of Section 2 of the Voting Rights Act. These preconditions are the following:

1. A minority group must be sufficiently large and geographically compact to comprise a majority of the district;
2. The minority group must be politically cohesive (it must demonstrate a pattern of voting for the same candidates, also known as “bloc voting”); and,
3. A majority of voters vote sufficiently as a bloc usually to defeat the minority group’s preferred candidate.

BUT THE GINGLES FACTORS HAVE LIMITS.....

SHAW V. RENO, [509 U.S. 630](#) (1993)

SIGNIFICANCE: Legislative and congressional districts will be struck down by courts for violating the Equal Protection Clause if they cannot be explained on grounds other than race. While not dispositive, “bizarrely shaped” districts are strongly indicative of racial intent.



MILLER V. JOHNSON, [515 U.S. 900](#) (1995)

SIGNIFICANCE: A district becomes an unconstitutional racial gerrymander if race was the “predominant” factor in the drawing of its lines

Source: NCSL

COMMUNITIES OF INTEREST

Districting plans are built with census data to put communities of interest together to form districts.

When members of the public come forward to testify about their communities it can be almost anything.

Items to consider:

- What is the community of interest that is being described through the testimony?
- What is the geographic area of that community of interest?
- What data can be utilized to help identify that community of interest?
- How does that community of interest relate to ARFCD?

COMPACTNESS

Many measures based on geography are available but in California we tend to adhere to

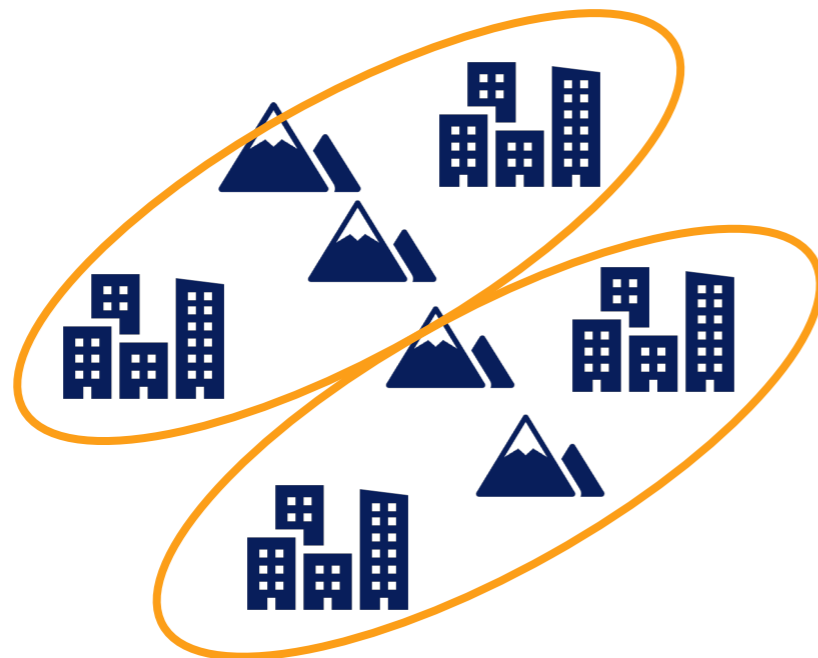
“shall be drawn to encourage geographical compactness in a manner that nearby areas of population are not bypassed in favor of more distant populations.”

CONTIGUITY

This is not an issue in most counties... unless they have islands.

State law does not allow point contiguity...it is advisable to seek functional contiguity where you can travel through the district to each point.

Point Contiguity



Functional Contiguity



WHAT IS DISTRICTING?

Districiting has changed significantly over the years as federal and state laws, norms, best practices, and public opinion has transformed.

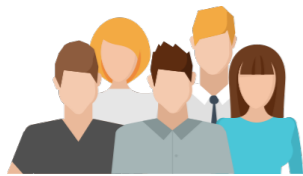
In Public Opinion / Media:

- 97% of Voters agree that “local government should be required to have transparent/open districting/redistricting.”
- Media and Community Based Organizations have become much more adept at covering districting.

COMMUNITIES OF INTEREST

Bringing like people together for representation

What are you looking for in trying to judge the applicability of a Community of Interest to the districting process?



Group with shared culture / characteristics



Geographic Nature / Density / Ability to be mapped



Relationship to Agency / Policies

American River Flood Control District - Districting Timeline

Ongoing

- Redistricting Insights will develop materials for public engagement on communities of interest.
- Staff and Redistricting Insights will engage community members utilizing the outreach materials we have prepared. This may include a press release announcing the availability of the tools, information made available on the district website describing the process, and outreach to community members and groups to utilize the outreach materials.
- Staff, in consultation with the Board of Directors, will adopt a hearing schedule and outreach plan.

July 14th, 2023

- Public hearing #1: Redistricting Insights will present a “Redistricting 101” presentation to the Board of Directors. Community members are invited to provide feedback and identify communities of interest.

August 11th, 2023

- Public hearing #2: Focuses on communities of interest and soliciting input that the public would like staff to consider in the development of draft maps, includes the opportunity for the public to submit communities of interest as well as draft maps.
- Board of Directors will provide input to Redistricting Insights on what they would like to see included in the draft maps.
- Redistricting Insights will prepare draft maps.

September 15th, 2023

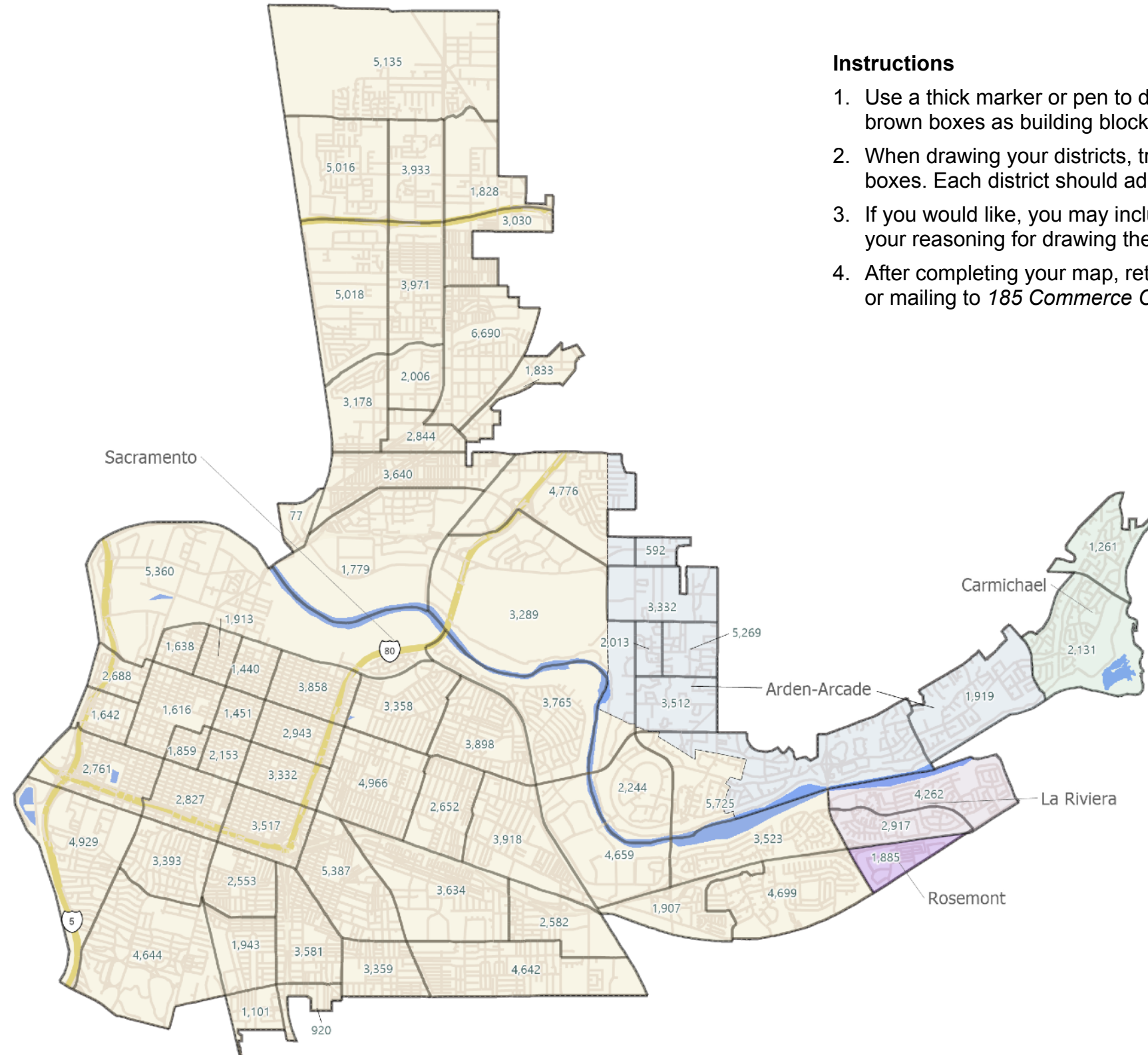
- Public Hearing #3: Redistricting Insights will provide the first draft maps for the public and board to consider, made available seven days prior to the hearing. Public testimony will be invited on the draft plans.
- Board of Directors will provide input to Redistricting Insights on what they would like to see revised in the draft maps and narrow down options to a few final contenders.
- Redistricting Insights will revise the draft maps as directed.

October 13th, 2023

- Public Hearing #4: Redistricting Insights will provide revised draft maps for the public and board to consider, made available seven days prior to the hearing. Public testimony will be invited on the revised draft plans.
- Board of Directors will provide input to Redistricting Insights and select a single draft plan to finalize. In the case that there are no additional changes, the Board of Directors may adopt the maps and cancel the fifth hearing.
- Redistricting Insights will finalize the selected plan.

November 10th, 2023 (if needed)

- Public Hearing #5: Public input on final maps. Board of Directors adoption of final plan.
- Redistricting Insights will transmit the final maps to the County Registrar of Voters



Instructions

1. Use a thick marker or pen to draw five districts, using the gray/ brown boxes as building blocks.
2. When drawing your districts, try to add up the numbers within the boxes. Each district should add up to approximately 43,223.
3. If you would like, you may include written testimony describing your reasoning for drawing the districts as you did.
4. After completing your map, return to the district by dropping it off or mailing to 185 Commerce Circle, Sacramento CA 95815

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WE ARE DISTRICTING

AND NEED YOUR INPUT!

ARE YOU WONDERING:

- What is districting?
- Why is it important?
- How can I help?
- How do I submit a map



**WE'VE GOT YOU
COVERED!**

Find the
mapping
worksheet
here!

GO TO:

www.arfcd.org/districting





Item 4

WE ARE DISTRICTING



FIND OUT:

What districting is
Why it is important
How you can help
How to submit a map



Get your
mapping
worksheet
here!



GO TO
WWW.ARFCD.ORG/DISTRICTING
FOR MORE INFORMATION



Item 4

WE ARE DISTRICTING



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worksheet here!



Page 24



**American River Flood Control District
County of Sacramento Regional Parks - Native Plantings
Staff Report**

Discussion:

The County of Sacramento Regional Parks submitted an encroachment permit application for the planting of native plants at Discovery Park. The plants consist of trees such as ash, willow, cottonwood, elder, oak, and sycamore and shrubs such as wild rose and native blackberry. The planting work is proposed to be conducted in November and December 2023.

The planting and inclusion of these trees and shrubs will not have an impact on the levee operations and maintenance of the District nor will it have a significant impact on the hydraulic capacity of the American River.

Recommendation:

The General Manager recommends that the Board of Trustees endorse the permit application from Regional Parks.

APPLICATION FOR A CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMIT

Application No. _____
(For Office Use Only)

1. Description of proposed work being specific to include all items that will be covered under the issued permit.

Native plantings will be installed in the restoration site areas. The sites selected are generally open fields that present an opportunity for restoration and enhancement. Exposed soils will be treated prior to the winter period with native seed of known genetic origin. Site Preparation equipment will be limited to the planting areas and will be performed using hand tools. Light mechanical tools such as a string trimmers or mechanical mowers may be used to clear grass and weeds.

2. Project
Location: American River Parkway County, in Section Sacramento
Township: Landgrants, see attached (N) (E)
(S), Range: see attached (W), M. D. B. & M.
Latitude: 38.6257 and 38.6022 Longitude: -121.2765 & -121.503
Stream: American River, Levee: n/a Designated Floodway: Regulatory floodway
APN: attached list of 18 parcels

3. County of Sacramento of 10361 Rockingham Drive, Suite 100
Name of Applicant / Land Owner Address
Sacramento CA 95827 916-875-1608
City State Zip Code Telephone Number
maretm@sacounty.net
E-mail

4. Stephanie Martin of NCRM, Inc.
Name of Applicant's Representative Company
Ukiah CA 95482 530-263-4063
City State Zip Code Telephone Number
smartin@ncrm.com
E-mail

5. Endorsement of the proposed project from the Local Maintaining Agency (LMA):

We, the Trustees of _____ approve this plan, subject to the following conditions:
Name of LMA

- Conditions listed on back of this form Conditions Attached No Conditions

Trustee _____ Date _____ Trustee _____ Date _____
Trustee _____ Date _____ Trustee _____ Date _____

**APPLICATION FOR A CENTRAL VALLEY FLOOD PROTECTION BOARD
ENCROACHMENT PERMIT**

6. Names and addresses of adjacent property owners sharing a common boundary with the land upon which the contents of this application apply. If additional space is required, list names and addresses on back of the application form or an attached sheet.

Name	Address	Zip Code
See attached list for County of Sacramento adjacent properties.	10361 ROCKINGHAM DR #100, Sacramento, CA	95827

7. Has an environmental determination been made of the proposed work under the California Environmental Quality Act of 1970? Yes No Pending

If yes or pending, give the name and address of the lead agency and State Clearinghouse Number:
CDFW 1600 permit.

SCH No. SAC-21872-R2

8. When is the project scheduled for construction? Ground preparations in Oct/Nov. & planting in Nov./Dec. of 2023.

9. Please check exhibits accompanying this application.

- A. Regional and vicinity maps showing the location of the proposed work.
- B. Drawings showing plan view(s) of the proposed work to include map scale.
- C. Drawings showing the cross section dimensions and elevations (vertical datum?) of levees, berms, stream banks, flood plain,
- D. Drawings showing the profile elevations (vertical datum?) of levees, berms, flood plain, low flow, etc.
- E. A minimum of four photographs depicting the project site.

Signature of Applicant

Date

Include any additional information:

The project involves the planting of native trees and shrubs.

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

This environmental assessment questionnaire must be completed for all Central Valley Flood Protection Board applications. Please provide an explanation where requested. Incomplete answers may result in delays in processing permit applications. Failure to complete the questionnaire may result in rejection of the application.

1. Has an environmental assessment or initial study been made or is one being made by a local or State permitting agency in accordance with the California Environmental Quality Act? Yes No

If yes, identify the Lead Agency, type of document prepared or which will be prepared, and the State Clearinghouse Number:

CDFW 1600 permit #SAC-21872-R2

2. Will the project require certification, authorization or issuance of a permit by any local, State or federal environmental control agency? Yes No

List all other governmental permits or approvals necessary for this project or use, including U.S. Army Corps of Engineers' 404 and Section 10 permits, State Water Quality Certification, Department of Fish and Game 1600 agreement, etc. Attach copies of all applicable permits.

1600 from CDFW.

3. Give the name and address of the owner of the property on which the project or use is located. Please submit a copy of your current Title Report (Grant Deed), if your proposed project includes a private residence.

Not applicable.

4. Will the project or use require issuance of a variance or conditional use permit by a city or county?

Yes No

Explain:

Sacramento County will need to supply a "Permit to Enter and Construct".

5. Is the project or use currently operating under an existing use permit issued by a local agency?

Yes No

Explain:

**ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS**

6. Describe all types of vegetation growing on the project site, including trees, brush, grass, etc.

Lower Sunrise is currently a field of star thistle with some native oaks and elderberry scattered around. Discovery site burned in 2020; we are replanting with native trees and shrubs while also treating the non-natives and invasive species that have grown in. On the edges of the burned area there are native oaks and elderberry. No existing native vegetation will be removed for our plantings.

7. Describe what type of wildlife or fish may use the project site or adjoining areas for habitat, food source, nesting sites, source of water, etc.

Adjacent to the planting sites there may be nesting birds using the existing trees, and in the river there are expected to be salmonid species. Additionally, a known site of milkweed at the Sunrise site in the proximity of the hose bib at the north end of the mitigation area. This population of milkweed will be identified and flagged for protection prior to work.

8. Has the Department of Fish and Game, U.S. Fish and Wildlife Service, or National Marine Fisheries Service been consulted relative to the existence of, or impacts to, threatened or endangered species on or near the project site?

Yes No

Explain:

Special-status species have been reviewed and a notification of nearby monarch habitat has been noted and avoided by the project.

No federally listed species are expected to be impacted by the project.

9. Will the project or use significantly change present uses of the project area?

Yes No

Explain:

The project area will, overtime, provide native trees and shrubs, and shade to portions of the American River Parkway.

10. Will the project result in changes to scenic views or existing recreational opportunities?

Yes No

Explain:

The sites currently have some native vegetation and canopy cover. Our proposed plantings will not impact the scenic views or recreational opportunities any further than they do in their current state.

11. Will the project result in the discharge of silt or other materials into a body of water?

Yes No

Explain:

There is not expected to be any discharge material created from our proposed project. Any garbage or non-native vegetation removed will be taken off site and disposed of properly.

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

12. Will the project involve the application, use, or disposal of hazardous materials? Yes No

If yes, list the types of materials, proposed use, and disposal plan. Provide copies of all applicable hazardous material handling plans.

Application of herbicide to treat the invasive star-thistle may be needed for site preparation in the fall of 2023.
Herbicide Grapple = rimsulfuron

13. Will construction activities or the completed project generate significant amounts of noise?

Yes No

Explain:

Crews will be on site for a couple of days to prep the site and to plant the site. The only additional noise will be trucks delivering the plants to the site.

14. Will construction activities or the completed project generate significant amounts of dust, ash, smoke, fumes, or odors?

Yes No

Explain:

15. Will the project activities or uses involve the burning of brush, trees, or construction materials, etc?

Yes No

Explain, and identify safety and air pollution control measures:

No burning will take place.

16. Will the project affect existing agricultural uses or result in the loss of existing agricultural lands?

Yes No

Explain:

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

17. Have any other projects similar to the proposed project been planned or completed in the same general area as the proposed project?

Yes No

Explain and identify any other similar projects:

None identified.

18. Will the project have the potential to encourage, facilitate, or allow additional or new growth or development?

Yes No

Explain:

19. Will materials be excavated from the floodplain? Yes No If yes, please answer the remaining questions.

**THE REMAINING QUESTIONS MUST ONLY BE ANSWERED IF THE ANSWER TO QUESTION
NO. 19 WAS "YES". IF THE ANSWER TO QUESTION NO. 19 WAS "NO", YOU DO NOT
NEED TO COMPLETE THE REMAINING QUESTIONS.**

A. What is the volume of material to be excavated?

Annually _____ Total _____

B. What types of materials will be excavated?

C. Will the project site include processing and stockpiling of material on site?

Yes No

Explain:

D. What method and equipment will be used to excavate material?

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

E. What is the water source for the project?

County of Sacramento has hose bibs and fire hydrants available for use on the two sites.

F. How will waste materials wash water, debris, and sediment be disposed of?

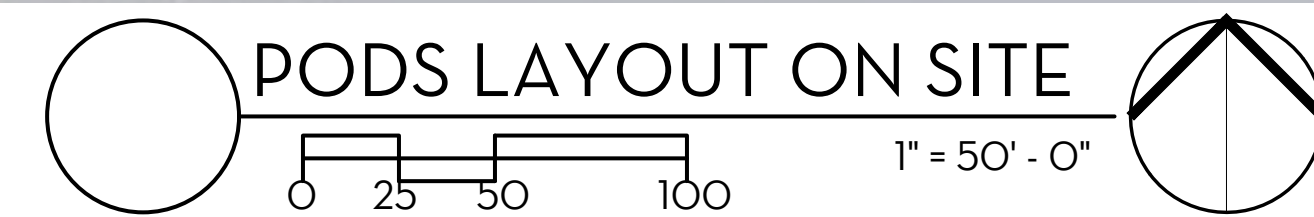
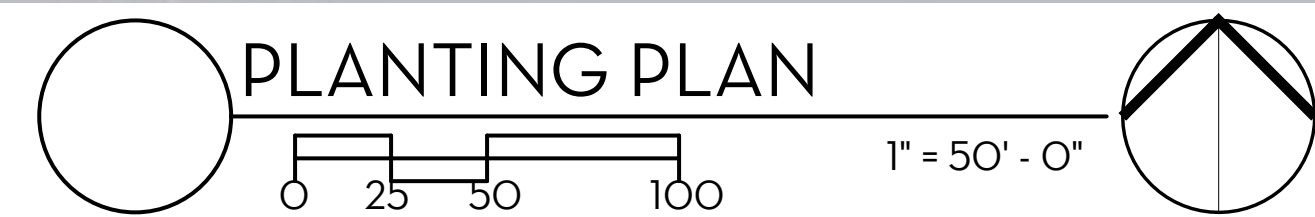
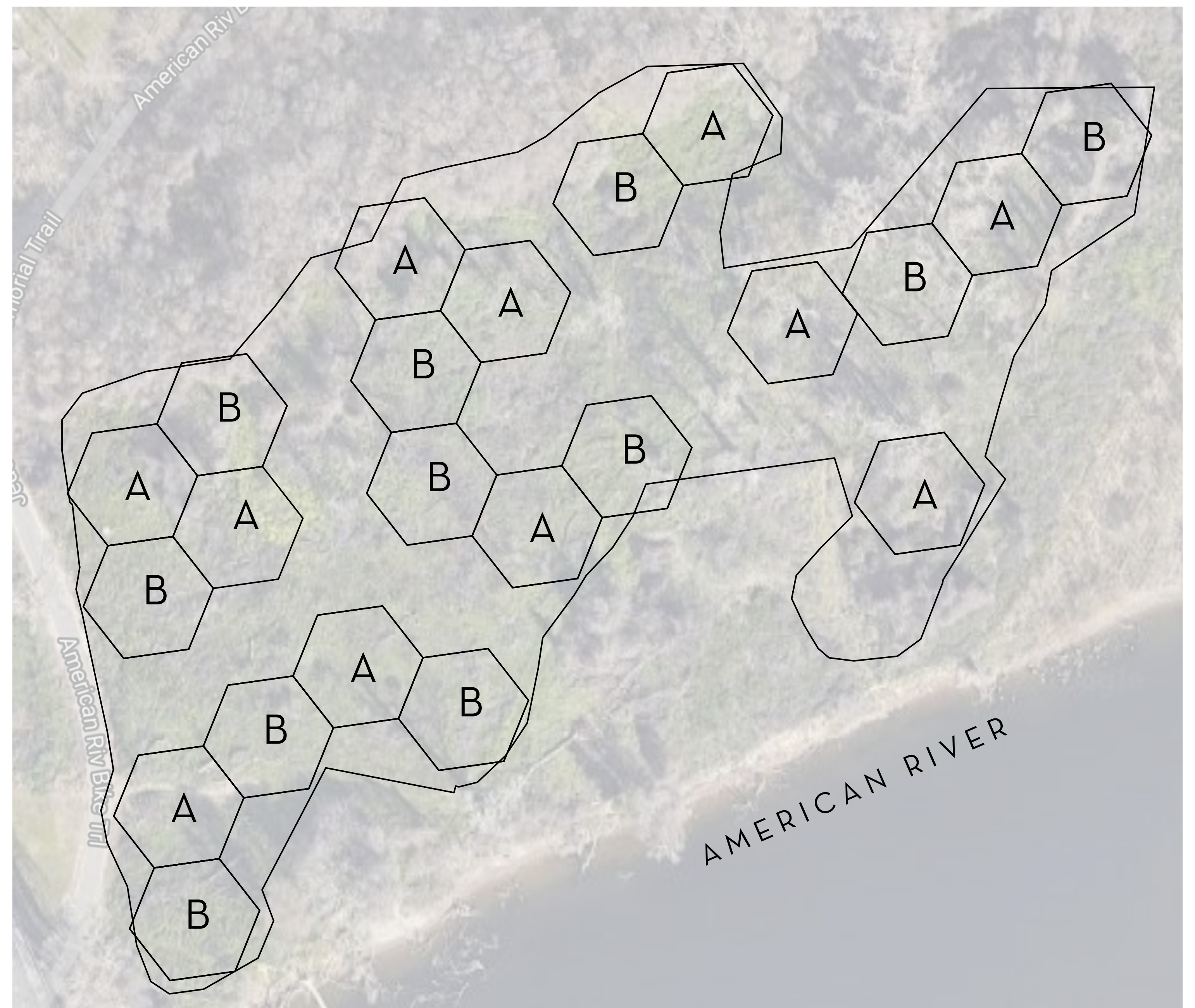
Non-native vegetation and trash removed from the site will be disposed of at the local landfill.

G. What is the proposed end land use for the project site?

Open, public space.

H. Has a reclamation plan been prepared for this site in accordance with the Surface Mining and Reclamation Act of 1975?

Yes No If yes, please attach a copy.



PLANT LEGEND

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME
	ACE NEG	22	ACER NEGUNDO	BOX ELDER
	FRA LAT	11	FRAXINUS LATIFOLIA	OREGON ASH
	PLA RAC	22	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
	POP FRE	22	POPULUS FREMONTII	FREMONT COTTONWOOD
	QUE LOB	11	QUERCUS LOBATA	VALLEY OAK
	SAL LAS	33	SALIX LASIOLEPIS	ARROYO WILLOW
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME
	ROS CAL	88	ROSA CALIFORNICA	CALIFORNIA WILD ROSE
	RUB URS	44	RUBUS URSINUS	CALIFORNIA BLACKBERRY

IRRIGATION NOTES:
 - AN AUTOMATED DRIP IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED FOR ALL NEW PLANTINGS.
 - ALL IRRIGATION SYSTEM COMPONENTS SHALL BE REMOVED FIVE YEARS AFTER INSTALLATION.

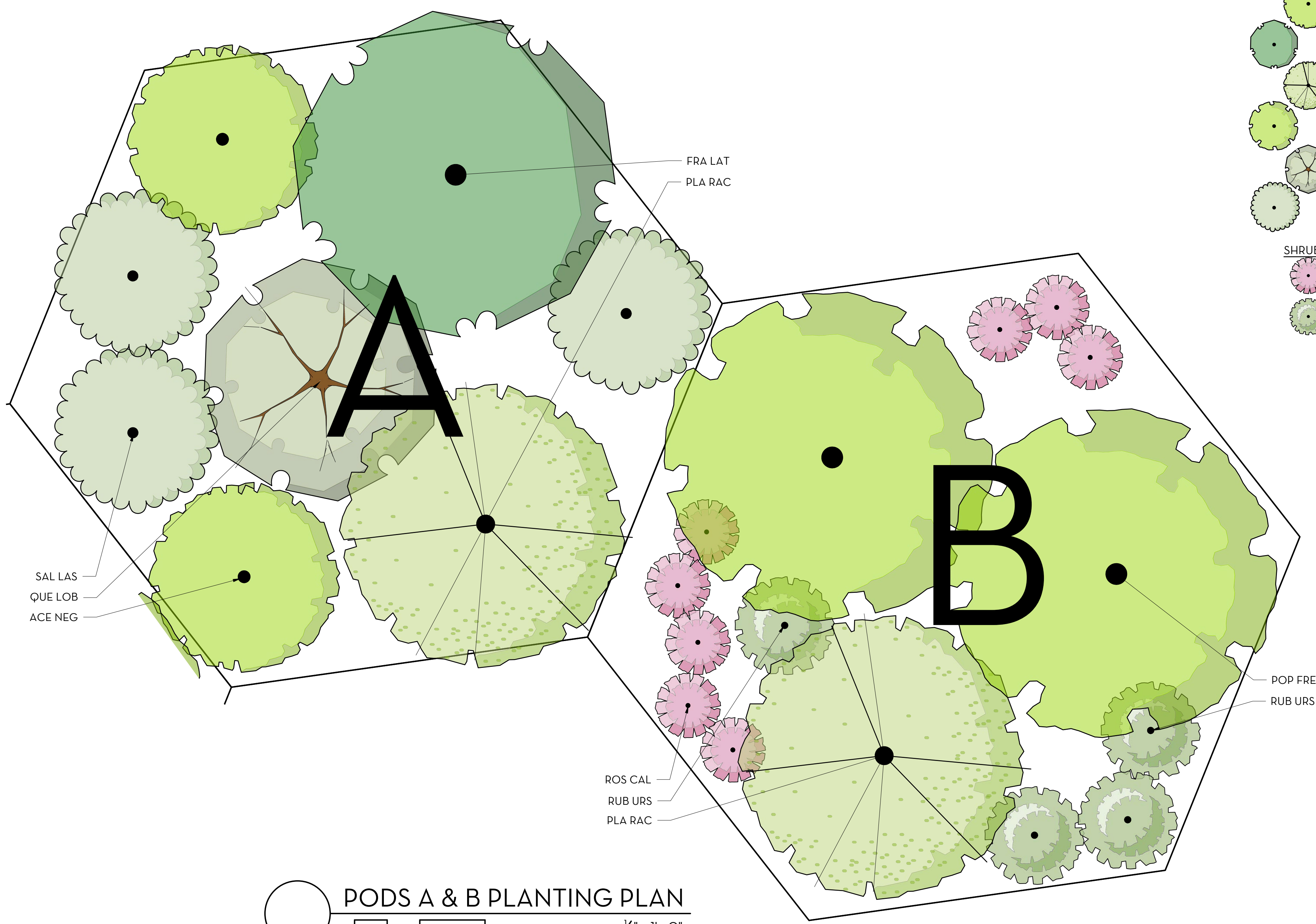


NORTH COAST RESOURCE MANAGEMENT, INC.
 2501 NORTH STATE STREET, UKIAH, CA. 95482
 (707) 485-7211 WWW.NCRM.COM



DISCOVERY PARK RESTORATION PLANTING PLAN

1/6/23



PLANT LEGEND

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME
	ACE NEG	22	ACER NEGUNDO	BOX ELDER
	FRA LAT	11	FRAXINUS LATIFOLIA	OREGON ASH
	PLA RAC	22	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE
	POP FRE	22	POPULUS FREMONTII	FREMONT COTTONWOOD
	QUE LOB	11	QUERCUS LOBATA	VALLEY OAK
	SAL LAS	33	SALIX LASIOLEPIS	ARROYO WILLOW
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME
	ROS CAL	88	ROSA CALIFORNICA	CALIFORNIA WILD ROSE
	RUB URS	44	RUBUS URSINUS	CALIFORNIA BLACKBERRY

PODS A & B PLANTING PLAN
 0 4 8 16
 1/8" = 1' - 0"



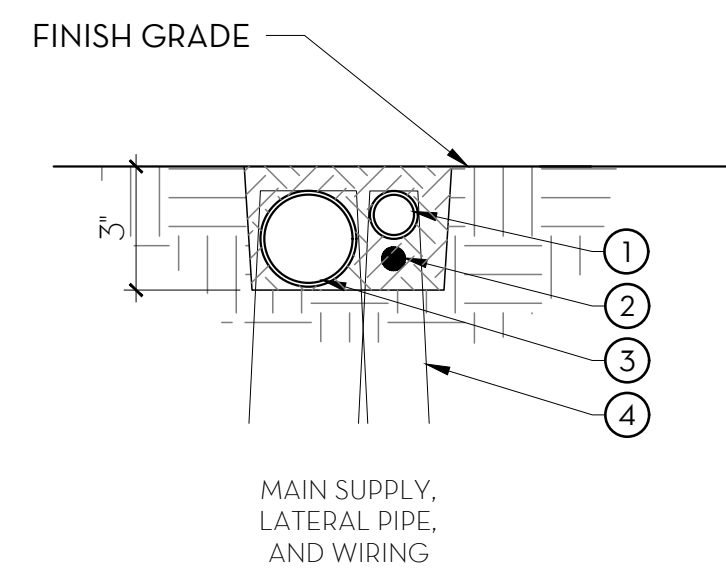
NORTH COAST RESOURCE MANAGEMENT, INC.
 2501 NORTH STATE STREET, UKIAH, CA. 95482
 (707) 485-7211 WWW.NCRM.COM



DISCOVERY PARK RESTORATION PLANTING PLAN

1/6/23

L2



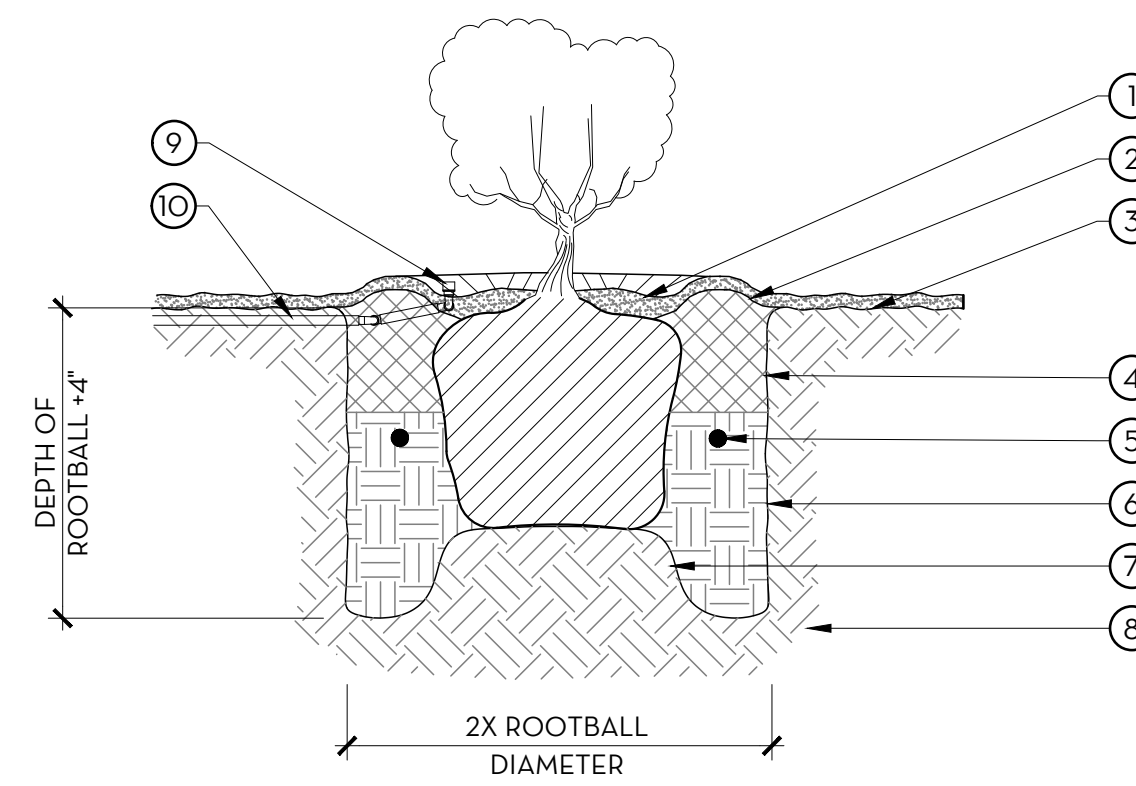
KEY NOTES

1. 1/2" TO 3/4" IRRIGATION LATERAL
2. WIRING, TAPE AND BUNDLE WIRING AT 10'-0" INTERVALS.
3. 1" IRRIGATION MAIN LINE
4. 6" STAPLES, 5'-0" O.C. STAGGER TO PREVENT CONFLICT.

NOTES

1. IRRIGATION SYSTEM IS TEMPORARY. ALL PIPING, WIRING, VALVES, EMITTERS, AND ANY OTHER COMPONENTS SHALL BE REMOVED 5 YEARS AFTER INSTALLATION.
2. TRENCHES SHALL BE DUG BY HAND.
3. TRENCH BACKFILL SHALL BE NATIVE MATERIAL, FREE OF ROCKS AND OTHER SHARPS. COMPACT TO 90% MINIMUM, RELATIVE COMPACTION.

SECTION: TRENCHING DETAIL
NOT TO SCALE



KEY NOTES

1. 3" LAYER OF BARK MULCH
2. 3" TALL EARTH BERM FOR WATER BASIN
3. ROOTBALL CROWN HELD 1" ABOVE FINISH GRADE
4. BACKFILL MIX: (1/2 DEPTH OF ROOTBALL HEIGHT)
- 70% PULVERIZED NATIVE SOIL
- 30% KELLOGG GROMULCH
5. FERTILIZER PAKS (21 GRAM, 20-10-5)
6. PULVERIZED NATIVE SOIL
7. ROOTBALL MOUND, FOOT TAMP
8. EXISTING UNDISTURBED SOIL
9. IRRIGATION BUBBLER
10. IRRIGATION LATERAL PIPE

NOTE

EACH PLANT SHALL BE PLANTED WITH THE FOLLOWING PROTECTION MEASURES:
- DIGGER'S ROOT GUARD WIRE BASKET
- TREE SENTRY, AVAILABLE AT SUMMIT ENVIRONMENTAL GROUP, LLC, TREESENTRY.COM, (419) 720-0187

SECTION: PLANTING DETAIL
NOT TO SCALE



NORTH COAST RESOURCE MANAGEMENT, INC.

2501 NORTH STATE STREET, UKIAH, CA. 95482
(707) 485-7211 WWW.NCRM.COM



karin kaufman
LANDSCAPE ARCHITECT
403 LONG STREET, NEVADA CITY, CA 95959
(530) 559-3007 WWW.KARINKAUFMAN.NET

**DISCOVERY PARK
PLANTING & IRRIGATION DETAILS**

1/6/23

L3

<i>Discovery Park Planting Specs</i>		
Common Name	Scientific Name	Number Proposed for Planting
Trees		
Box elder	<i>Acer negundo</i>	22
Oregon ash	<i>Fraxinus latifolia</i>	11
California sycamore	<i>Platanus racemosa</i>	22
Fremont cottonwood	<i>Populus fremontii</i>	22
Valley oak	<i>Quercus lobata</i>	11
Arroyo willow	<i>Salix lasiolepis</i>	33
Shrubs		
California wild rose	<i>Rosa californica</i>	88
California blackberry	<i>Rubus ursinus</i>	44
Total=		253

**American River Flood Control District
County of Sacramento Regional Parks – Campus Commons Golf Course
Staff Report**

Discussion:

The County of Sacramento Regional Parks submitted an encroachment permit application for re-construction of the Campus Commons Golf Course along the American River. As a result of U.S. Army Corps of Engineers bank protection works in 2022, the Golf Course was modified to facilitate construction and grading operations. Now the County proposes a restoration of the Golf Course to the previous condition. The work to reconstruct the golf course requires an amended permit from the Central Valley Flood Protection Board.

The reconstruction will not have an impact on the levee operations and maintenance of the District nor will it have a significant impact on the hydraulic capacity of the American River.

Recommendation:

The General Manager recommends that the Board of Trustees endorse the permit application from Regional Parks.

APPLICATION FOR A CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMIT

Application No. _____
(For Office Use Only)

1. Description of proposed work being specific to include all items that will be covered under the issued permit.

The installation of a 9-hole golf course and all associated facilities, including underground irrigation, drainage, turf, small bridge, protective screening along boundary/trail interface. This replace the previous golf course within the same location, which was temporarily closed due to the Federal ARCF'16 Erosion Protection Program, Lower American River contract 2 Erosion Protection Project (Federal Project). Project description continues on attached supplemental information sheet.

2. Project

Location: Sacramento County, in Section _____
(N) (E)
Township: _____ (S), Range: _____ (W), M. D. B. & M.
Latitude: 38°34'11.22"N Longitude: 121°25'18.76"W
Stream: Lower American River, Levee: Right Bank AR, Pt1 Designated Floodway: American River
APN: _____

3. Sacramento County of 10361 Rockingham Drive, Suite 100
Name of Applicant / Land Owner Address

Sacramento CA 95827 916-875-6961
City State Zip Code Telephone Number
parksinfo@saccounty.gov
E-mail

4. Michael Doane of Sacramento County
Name of Applicant's Representative Company

Sacramento CA 95827 916-875-6961
City State Zip Code Telephone Number
doanem@saccounty.gov
E-mail

5. Endorsement of the proposed project from the Local Maintaining Agency (LMA):

We, the Trustees of American River Flood Control District approve this plan, subject to the following conditions:
Name of LMA

Conditions listed on back of this form Conditions Attached No Conditions

Trustee Date Trustee Date

Trustee Date Trustee Date

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

This environmental assessment questionnaire must be completed for all Central Valley Flood Protection Board applications. Please provide an explanation where requested. Incomplete answers may result in delays in processing permit applications. Failure to complete the questionnaire may result in rejection of the application.

1. Has an environmental assessment or initial study been made or is one being made by a local or State permitting agency in accordance with the California Environmental Quality Act? Yes No

If yes, identify the Lead Agency, type of document prepared or which will be prepared, and the State Clearinghouse Number:

CVFPB is the lead agency, Supplemental Environmental Impact Report, SCH: 2005072046

American River Watershed Common Features Water Resources Development Act of 2016, American River Contract 2, September 2021.

2. Will the project require certification, authorization or issuance of a permit by any local, State or federal environmental control agency? Yes No

List all other governmental permits or approvals necessary for this project or use, including U.S. Army Corps of Engineers' 404 and Section 10 permits, State Water Quality Certification, Department of Fish and Game 1600 agreement, etc. Attach copies of all applicable permits.

As described in SEIS/R referenced above and as on file with CVFPB for the Federal project.

3. Give the name and address of the owner of the property on which the project or use is located. Please submit a copy of your current Title Report (Grant Deed), if your proposed project includes a private residence.

Sacramento County, 10361 Rockingham Drive, Suite 100, Sacramento, CA, 95827

4. Will the project or use require issuance of a variance or conditional use permit by a city or county?

Yes No

Explain:

5. Is the project or use currently operating under an existing use permit issued by a local agency?

Yes No

Explain:

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

6. Describe all types of vegetation growing on the project site, including trees, brush, grass, etc.

Reference SEIS/R per above.

7. Describe what type of wildlife or fish may use the project site or adjoining areas for habitat, food source, nesting sites, source of water, etc.

Reference SEIS/R per above.

8. Has the Department of Fish and Game, U.S. Fish and Wildlife Service, or National Marine Fisheries Service been consulted relative to the existence of, or impacts to, threatened or endangered species on or near the project site?

Yes No

Explain:

Reference SEIS/R per above and associated Biological Opinions referenced therein.

9. Will the project or use significantly change present uses of the project area?

Yes No

Explain:

Prior to the bank protection work in the area, Sacramento County operated the area as a golf course; that golf course is being reconstructed in the remaining area within the Lower American River Parkway, under the existing permit #6156

10. Will the project result in changes to scenic views or existing recreational opportunities?

Yes No

Explain:

11. Will the project result in the discharge of silt or other materials into a body of water?

Yes No

Explain:

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

12. Will the project involve the application, use, or disposal of hazardous materials? Yes No

If yes, list the types of materials, proposed use, and disposal plan. Provide copies of all applicable hazardous material handling plans.

Reference SEIS/R per above

13. Will construction activities or the completed project generate significant amounts of noise?

Yes No

Explain:

Reference SEIS/R per above

14. Will construction activities or the completed project generate significant amounts of dust, ash, smoke, fumes, or odors?

Yes No

Explain:

Reference SEIS/R per above

15. Will the project activities or uses involve the burning of brush, trees, or construction materials, etc?

Yes No

Explain, and identify safety and air pollution control measures:

Reference SEIS/R per above

16. Will the project affect existing agricultural uses or result in the loss of existing agricultural lands?

Yes No

Explain:

Reference SEIS/R per above

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

17. Have any other projects similar to the proposed project been planned or completed in the same general area as the proposed project?

Yes No

Explain and identify any other similar projects:

The golf course existing prior to being destroyed due to the USACE bank protection project and will be reconstructed.

18. Will the project have the potential to encourage, facilitate, or allow additional or new growth or development?

Yes No

Explain:

19. Will materials be excavated from the floodplain? Yes No If yes, please answer the remaining questions.

**THE REMAINING QUESTIONS MUST ONLY BE ANSWERED IF THE ANSWER TO QUESTION
NO. 19 WAS "YES". IF THE ANSWER TO QUESTION NO. 19 WAS "NO", YOU DO NOT
NEED TO COMPLETE THE REMAINING QUESTIONS.**

- A. What is the volume of material to be excavated?

Annually _____ Total TBD

- B. What types of materials will be excavated?

Existing materials at the golf course site will be re-graded. Small amount may be hauled off which is TBD.

- C. Will the project site include processing and stockpiling of material on site?

Yes No

Explain:

Only existing bank materials will be graded throughout the golf course area.

- D. What method and equipment will be used to excavate material?

Dozers

ENVIRONMENTAL ASSESSMENT QUESTIONNAIRE FOR APPLICATIONS
FOR CENTRAL VALLEY FLOOD PROTECTION BOARD ENCROACHMENT PERMITS

E. What is the water source for the project?

Existing water main used for the prior golf course.

F. How will waste materials wash water, debris, and sediment be disposed of?

N/A; onsite material contained; contractor SWPPP

G. What is the proposed end land use for the project site?

Golf course as previously existed.

H. Has a reclamation plan been prepared for this site in accordance with the Surface Mining and Reclamation Act of 1975?

Yes No If yes, please attach a copy.

Campus Commons Golf Course

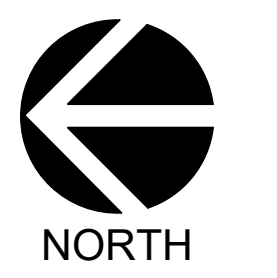
2 Cadillac Dr.
Sacramento
California

American River
Common Features
Project

REMOVAL PLAN

Client Contact:
Sacramento Area Flood
Control Agency (SAFCA)

1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606



Date: June 11, 2023
Rev: Rev1
Rev: Rev2
Rev: Rev3
Scale: 1"=100'

Sheet: GC-1



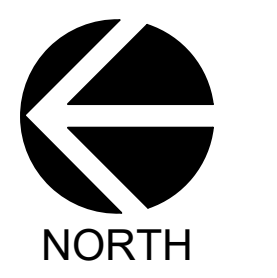
Campus Commons Golf Course

2 Cadillac Dr.
Sacramento
California

American River
Common Features
Project

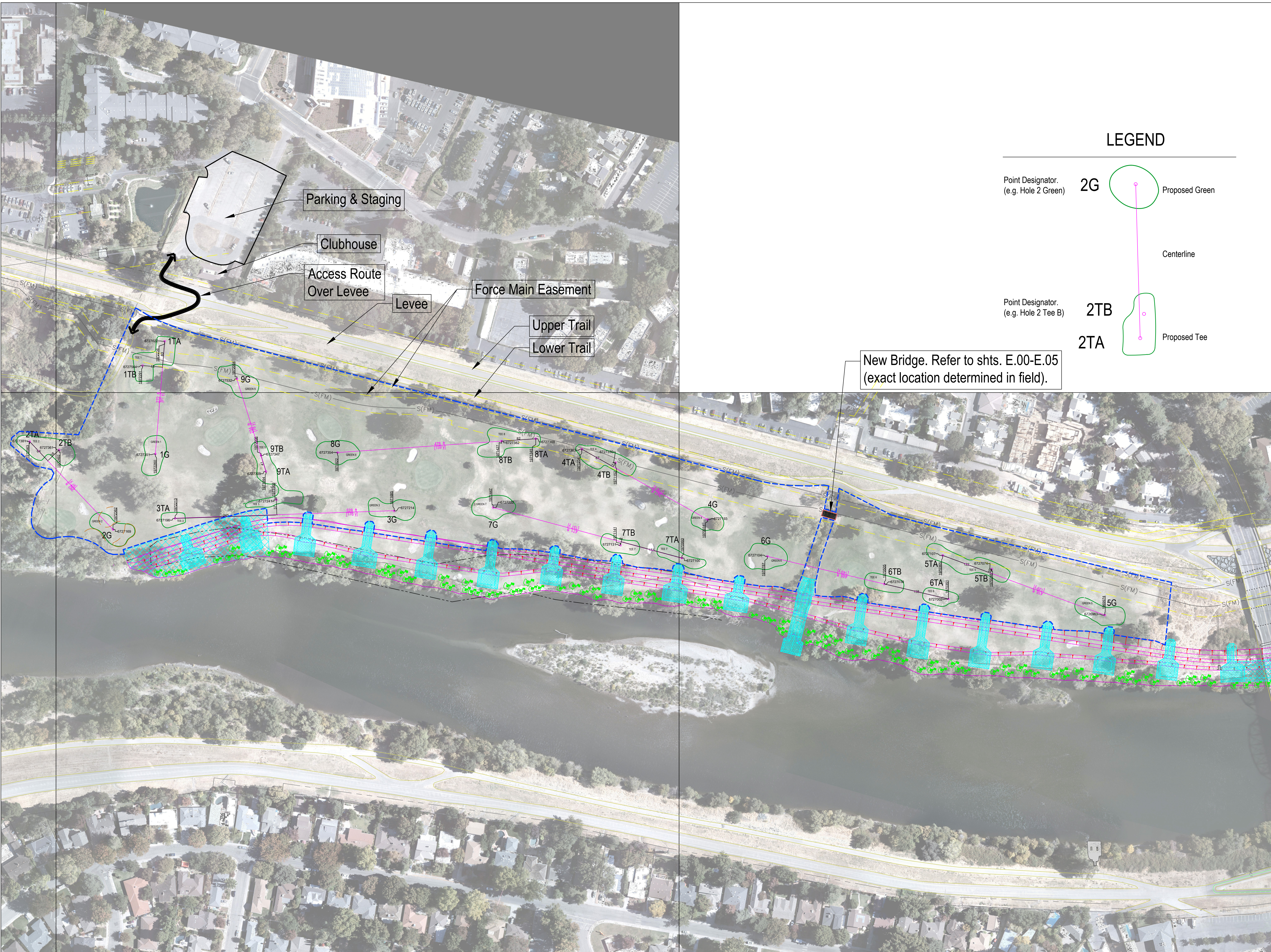
STAKING & LAYOUT PLAN

Client Contact:
Sacramento Area Flood
Control Agency (SAFCA)
1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606



Date: June 11, 2023
Rev: Rev1
Rev: Rev2
Rev: Rev3
Scale: 1"=100'

Sheet: GC-2



LEGEND

- Point Designator. (e.g. Hole 2 Green) **2G** Proposed Green
- Centerline
- Point Designator. (e.g. Hole 2 Tee B) **2TB**
- 2TA** Proposed Tee

New Bridge. Refer to shts. E.00-E.05
(exact location determined in field).

Campus Commons Golf Course

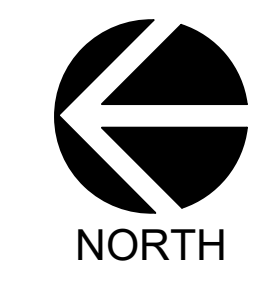
2 Cadillac Dr.
Sacramento
California

American River
Common Features
Project

GRADING & DRAINAGE PLAN

Client Contact:
Sacramento Area Flood
Control Agency (SAFCA)

1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606



Date: June 11, 2023
Rev: Rev1
Rev: Rev2
Rev: Rev3
Scale: 1"=100'

Sheet: GC-3



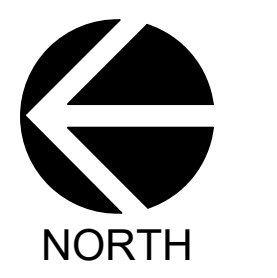
Campus Commons Golf Course

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Sacramento
California

American River
Common Features
Project

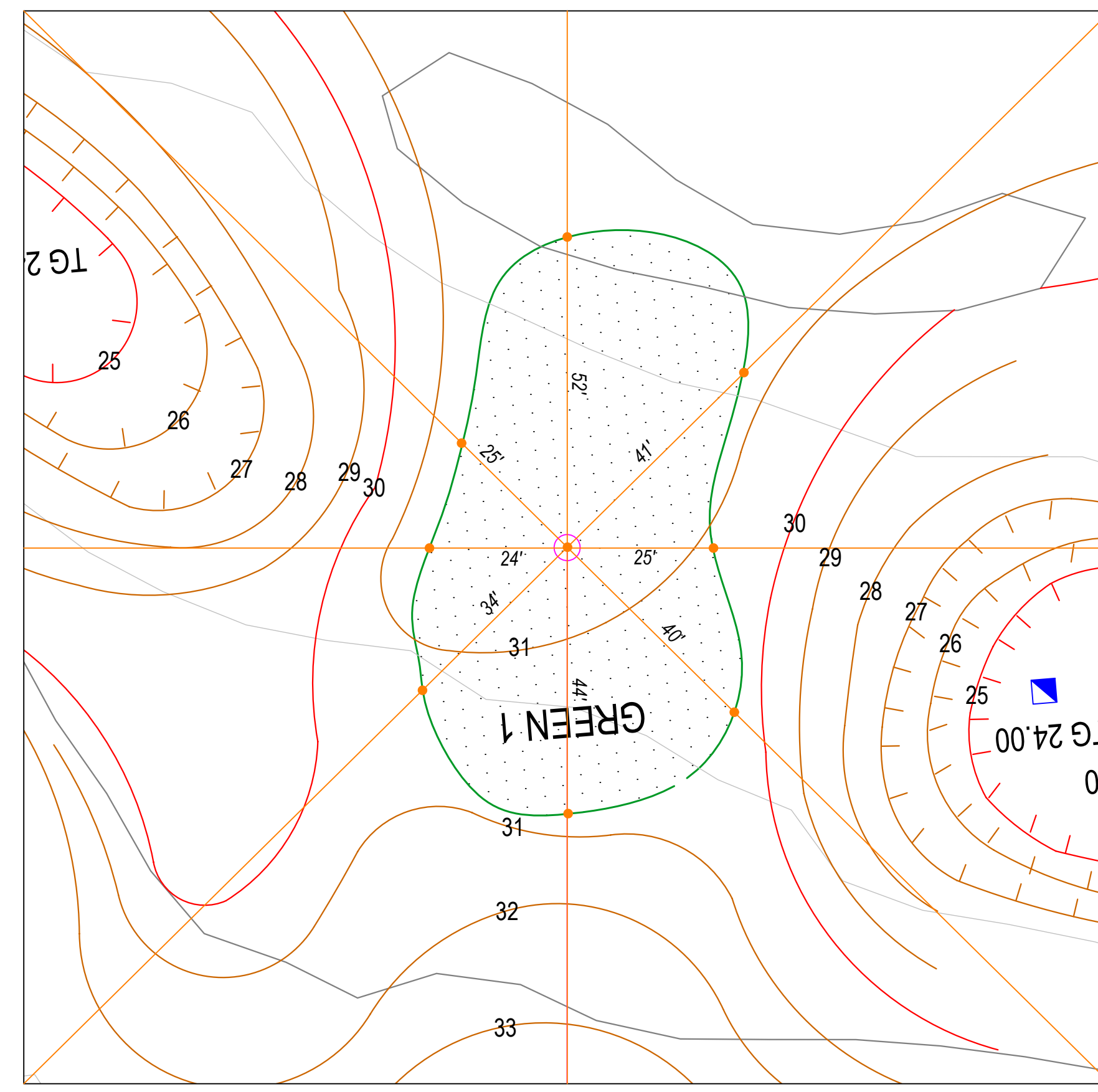
GREEN DETAILS

Client Contact:
Sacramento Area Flood
Control Agency (SAFCA)
1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606

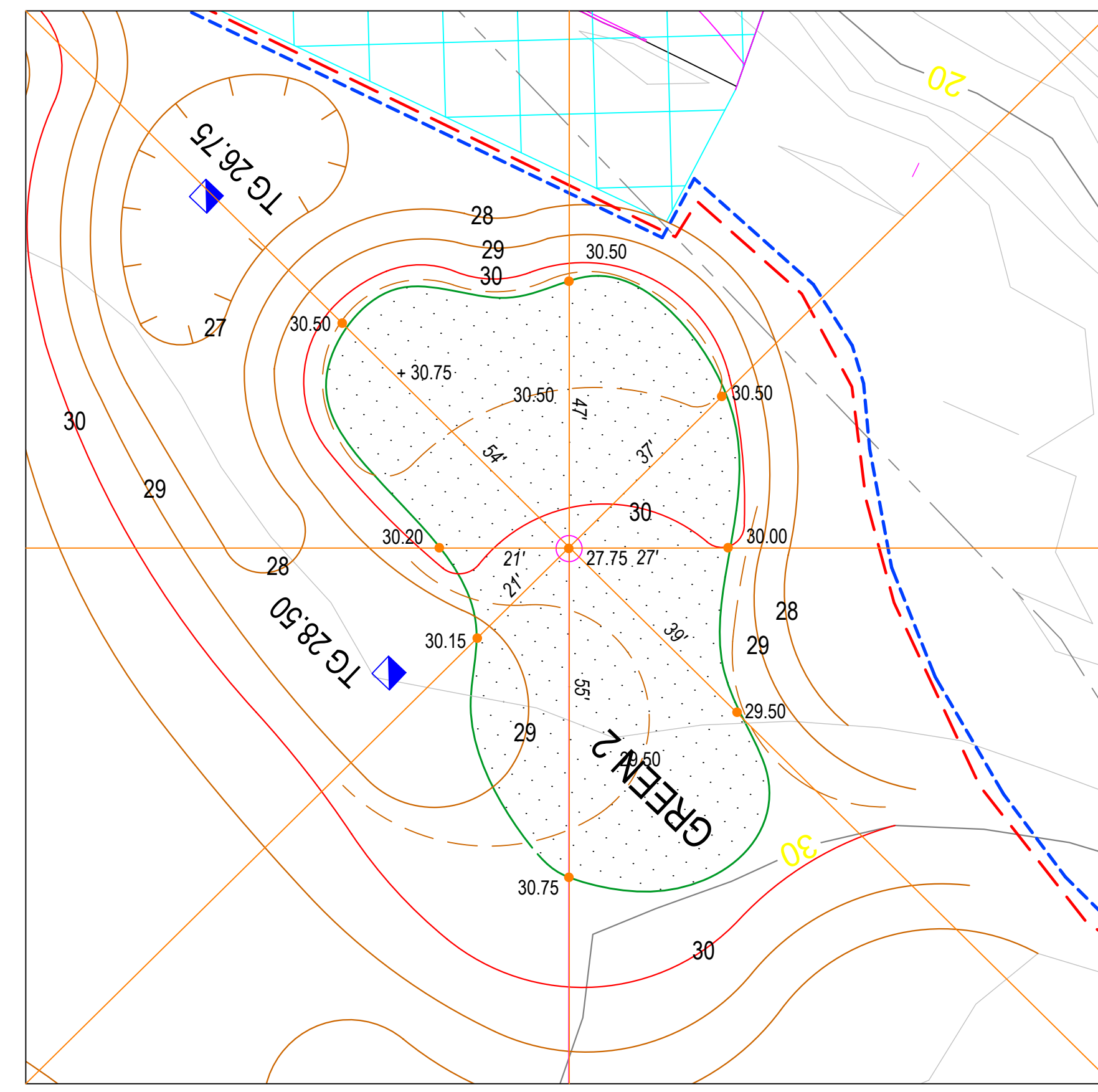


Date: June 11, 2023
Rev: Rev1
Rev: Rev2
Rev: Rev3
Scale: 1"=20'

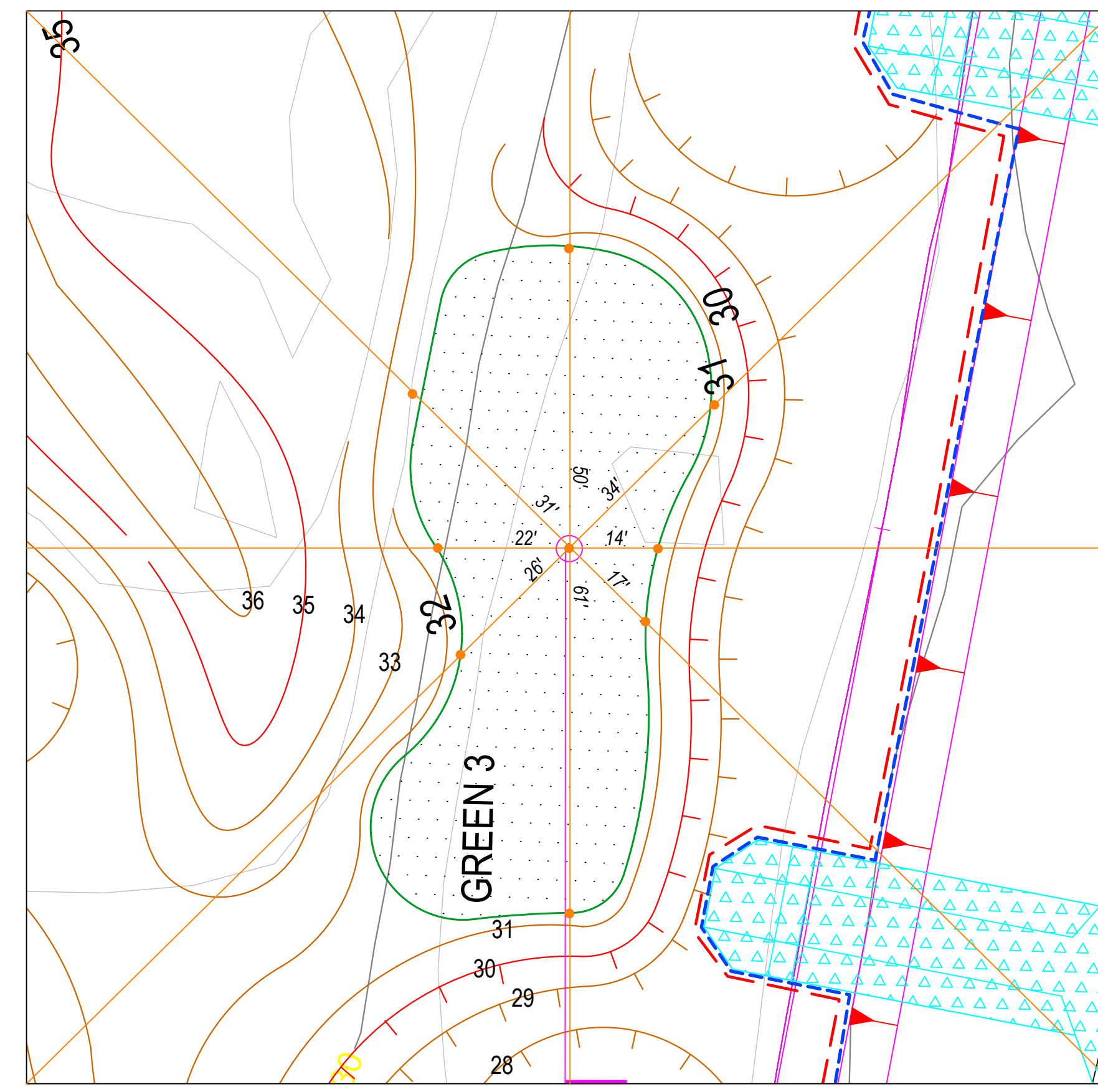
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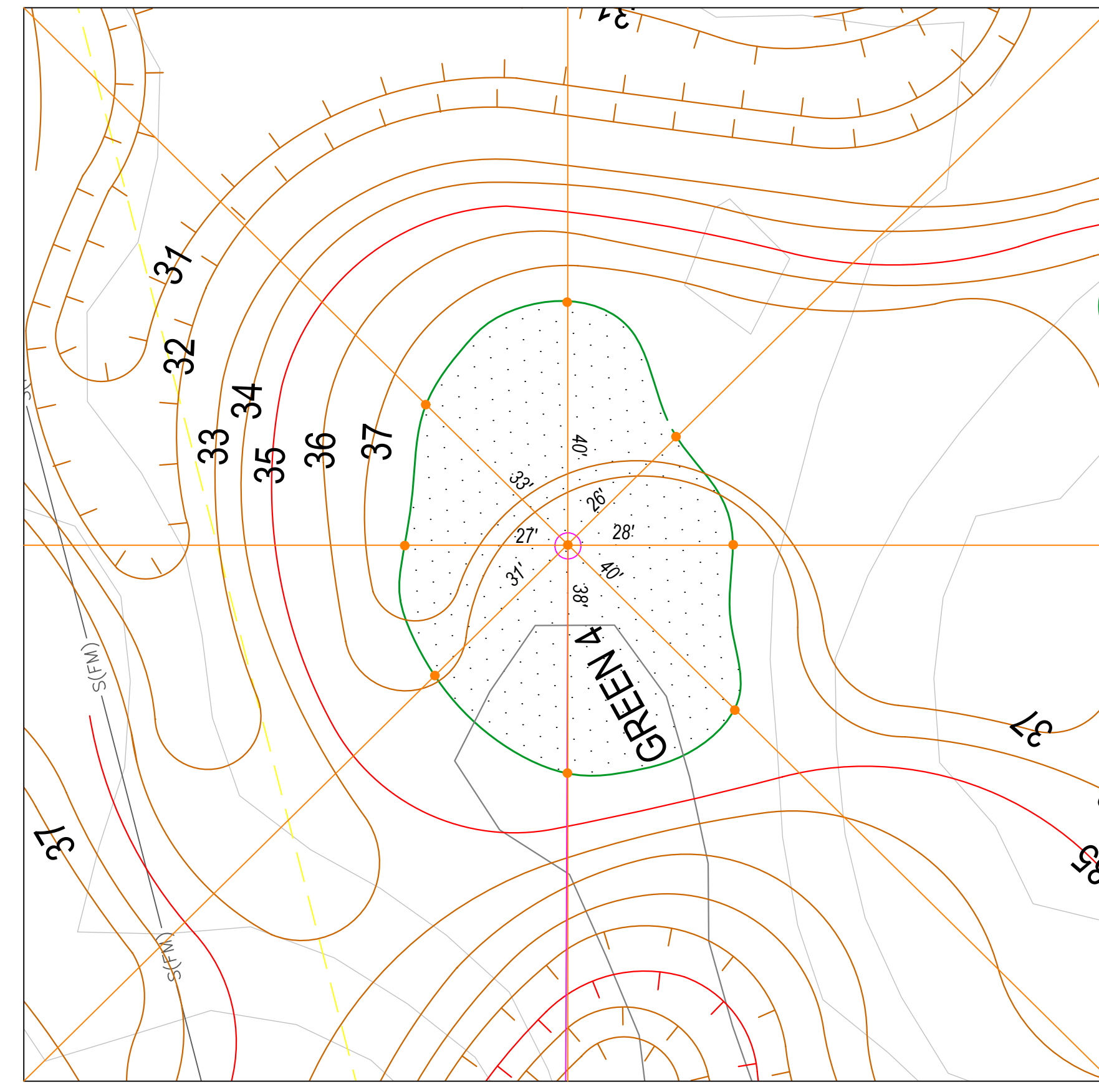
HOLE 1 - 91 yards - 4,323 sf
scale: 1"=20'



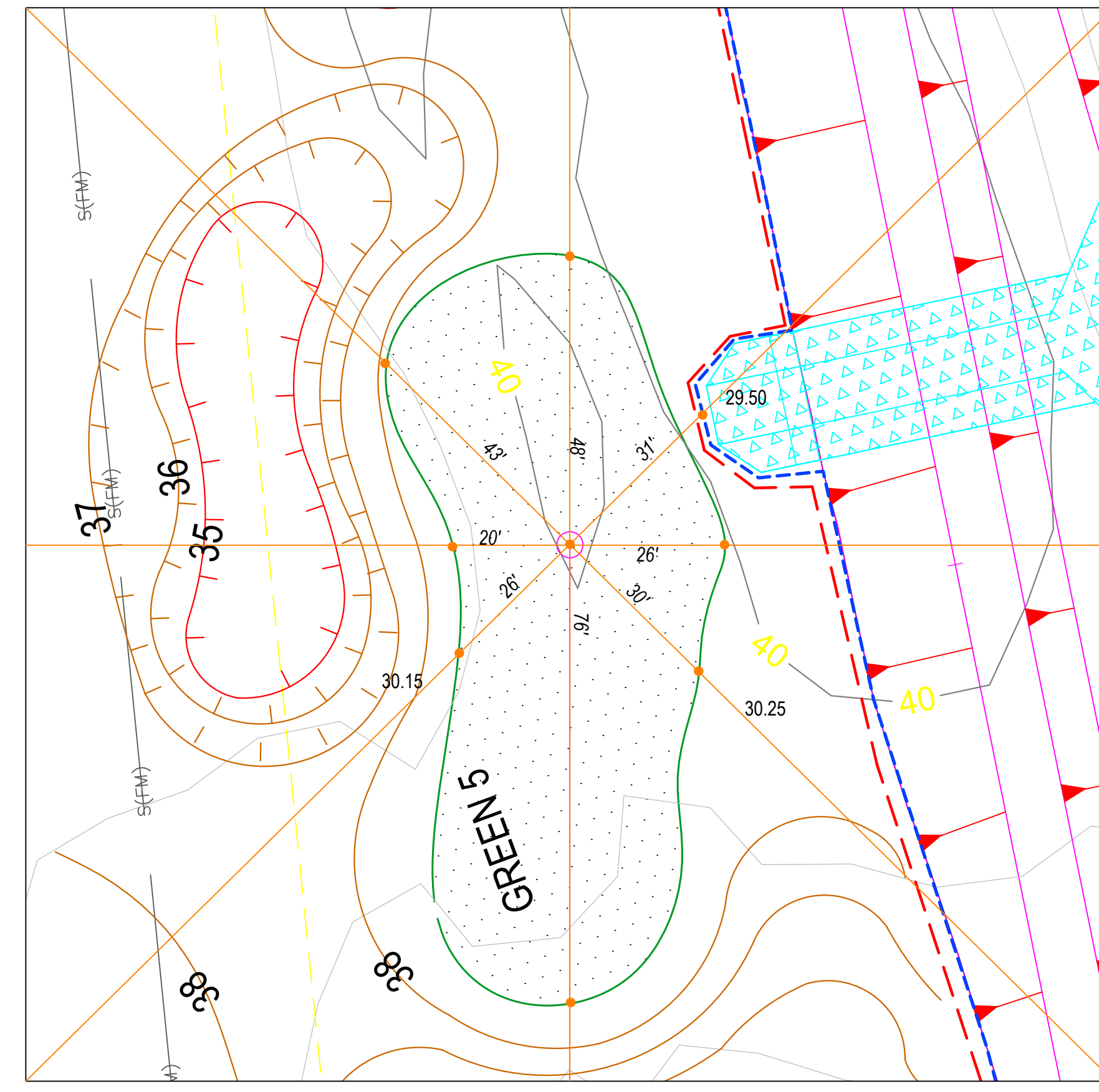
HOLE 2 - 97 yards - 4,970 sf



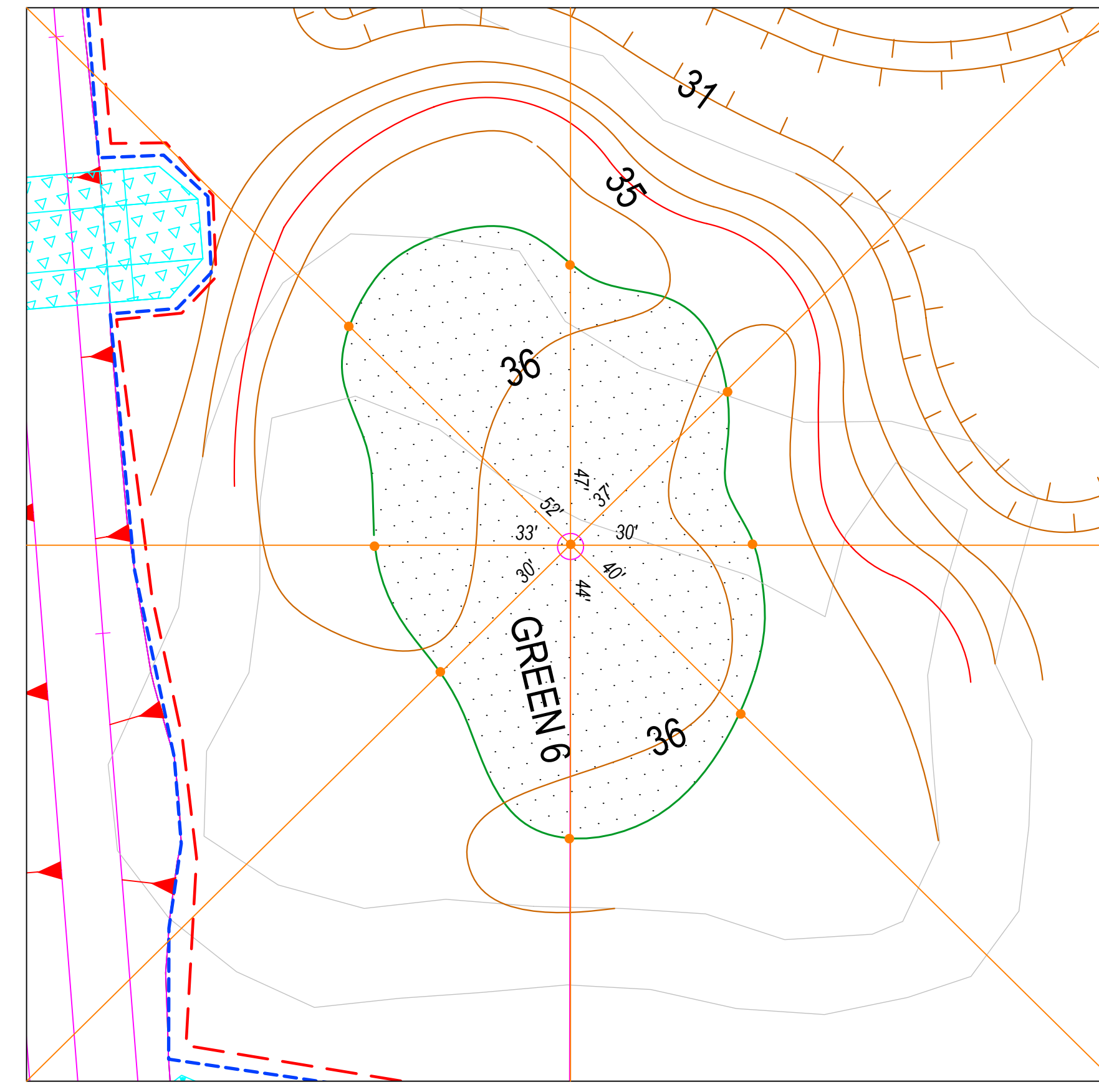
HOLE 3 - 176 yards - 4,430 sf



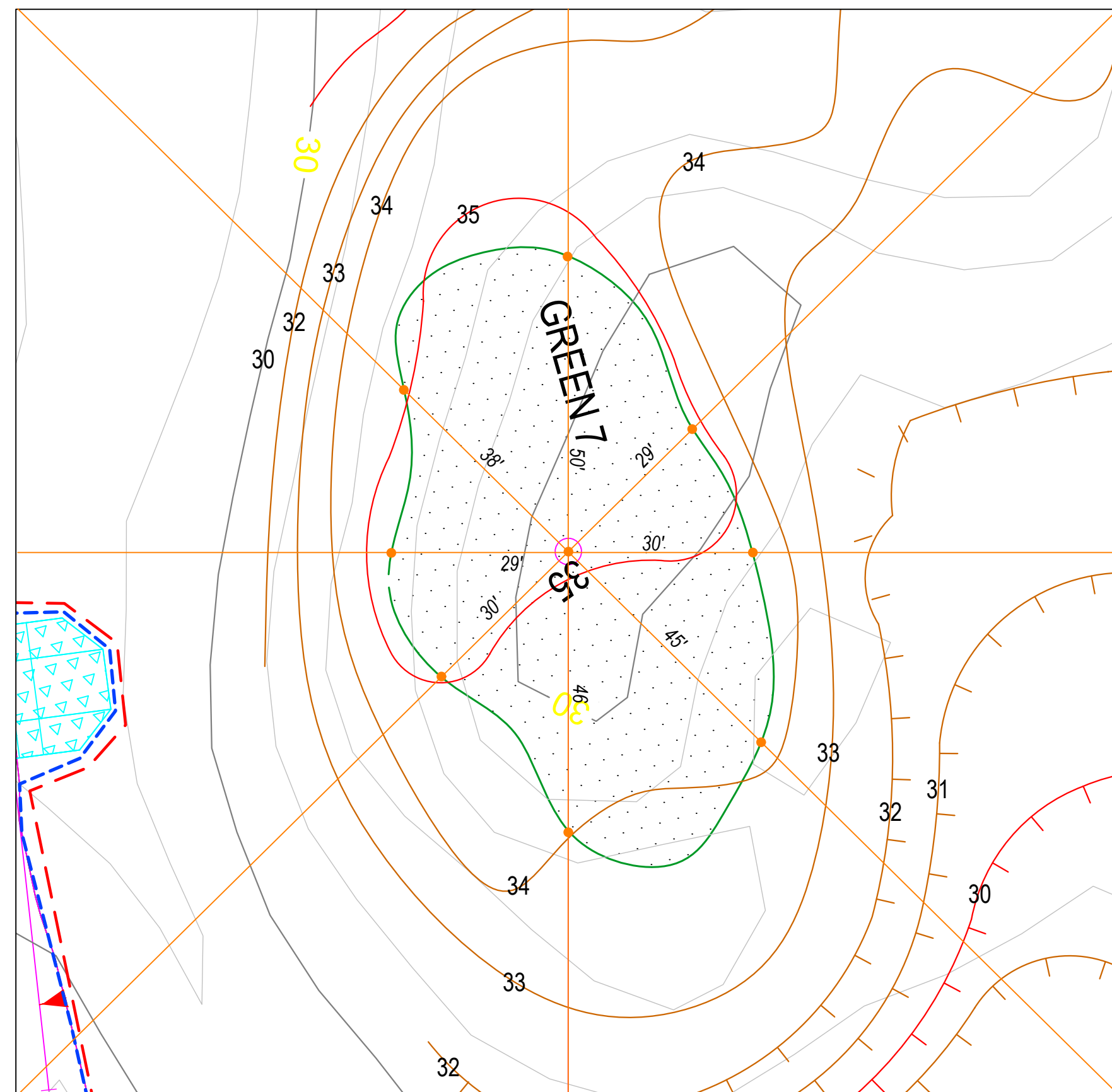
HOLE 4 - 116 yards - 3,440 sf



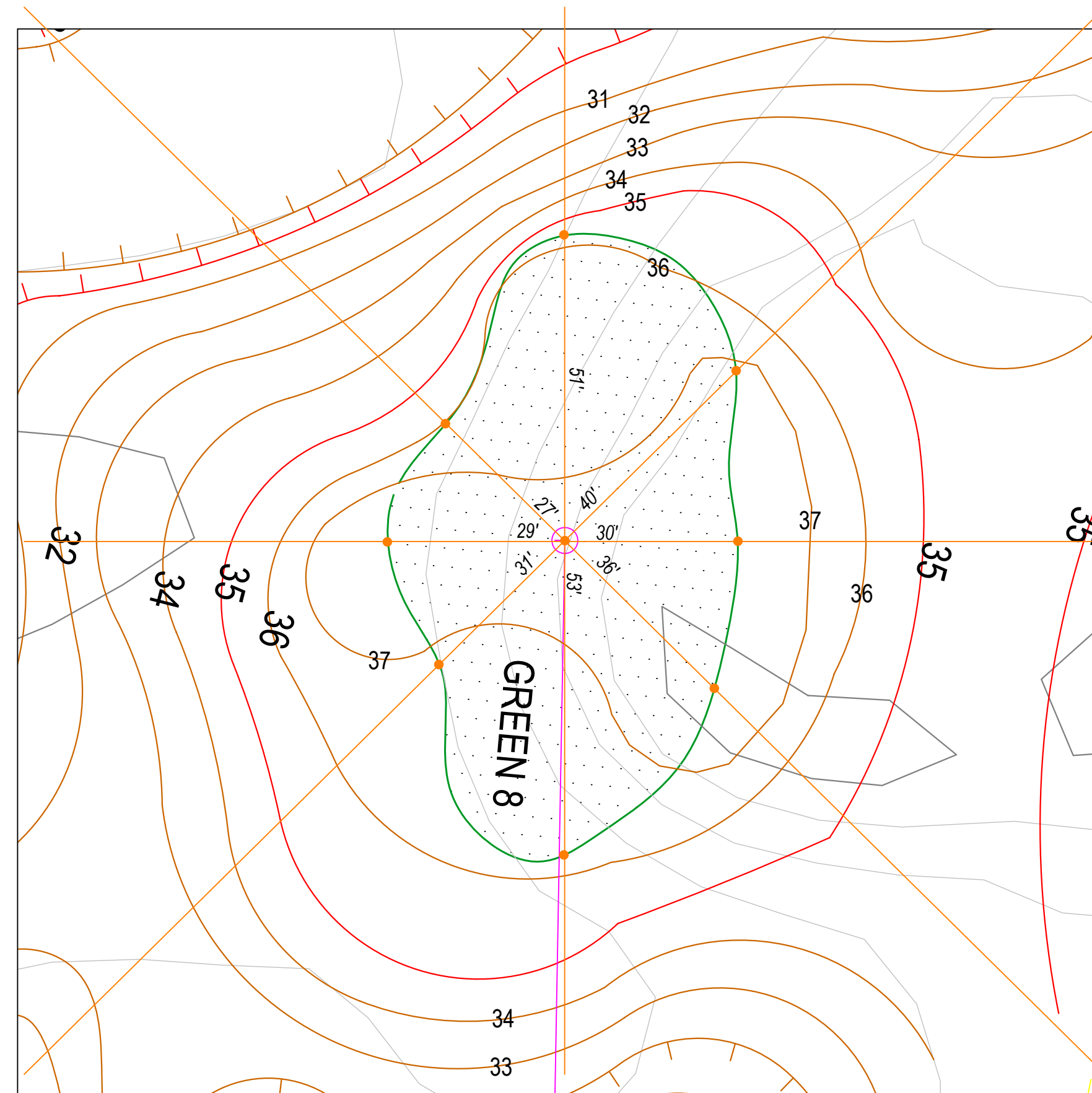
HOLE 5 - 139 yards - 5,165 sf



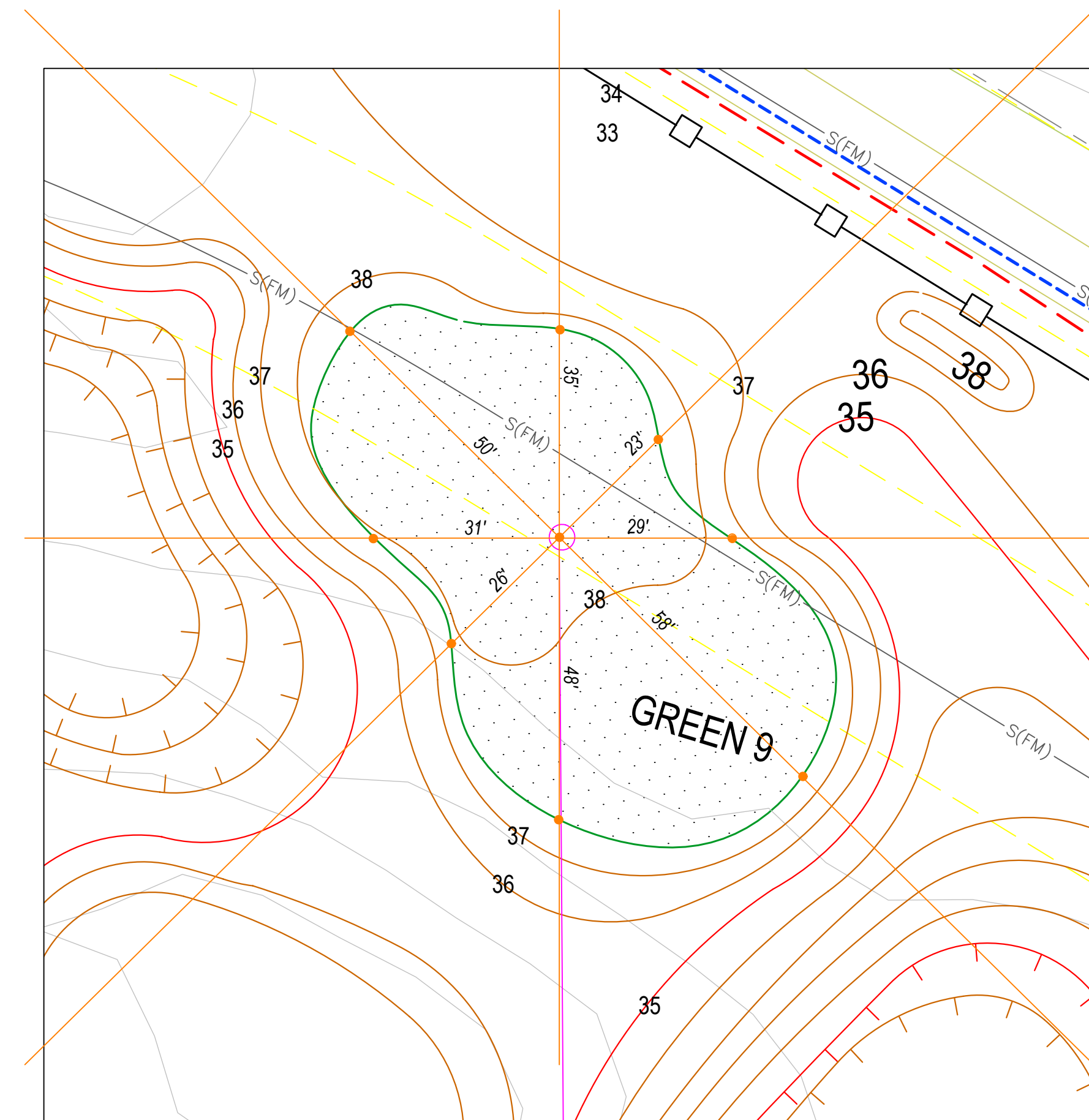
HOLE 6 - 149 yards - 5,180 sf



HOLE 7 - 157 yards - 4,550 sf



HOLE 8 - 159 yards - 4,550 sf



HOLE 9 - 78 yards - 4,990 sf

Campus Commons Golf Course

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Project

GREEN DETAILS

Client Contact:
Sacramento Area Flood
Control Agency (SAFCA)

1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606



Date: June 11, 2023
 Rev: Rev1
 Rev: Rev2
 Rev: Rev3
 Scale: 1"=20'

Sheet: GC-5

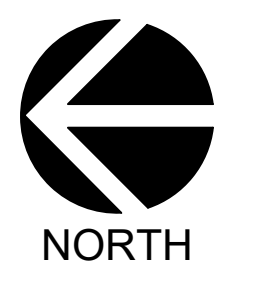
Campus Commons Golf Course

2 Cadillac Dr.
Sacramento
California

American River
Common Features
Project

GRASSING & FENCING PLAN

Client Contact:
Sacramento Area Flood
Control Agency (SAFCA)
1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606



Date: June 11, 2023
Rev: Rev1
Rev: Rev2
Rev: Rev3
Scale: 1"=100'

Sheet: GC-6



Campus Commons Golf Course

2 Cadillac Dr.
Sacramento
California

American River Common Features Project

DETAILS

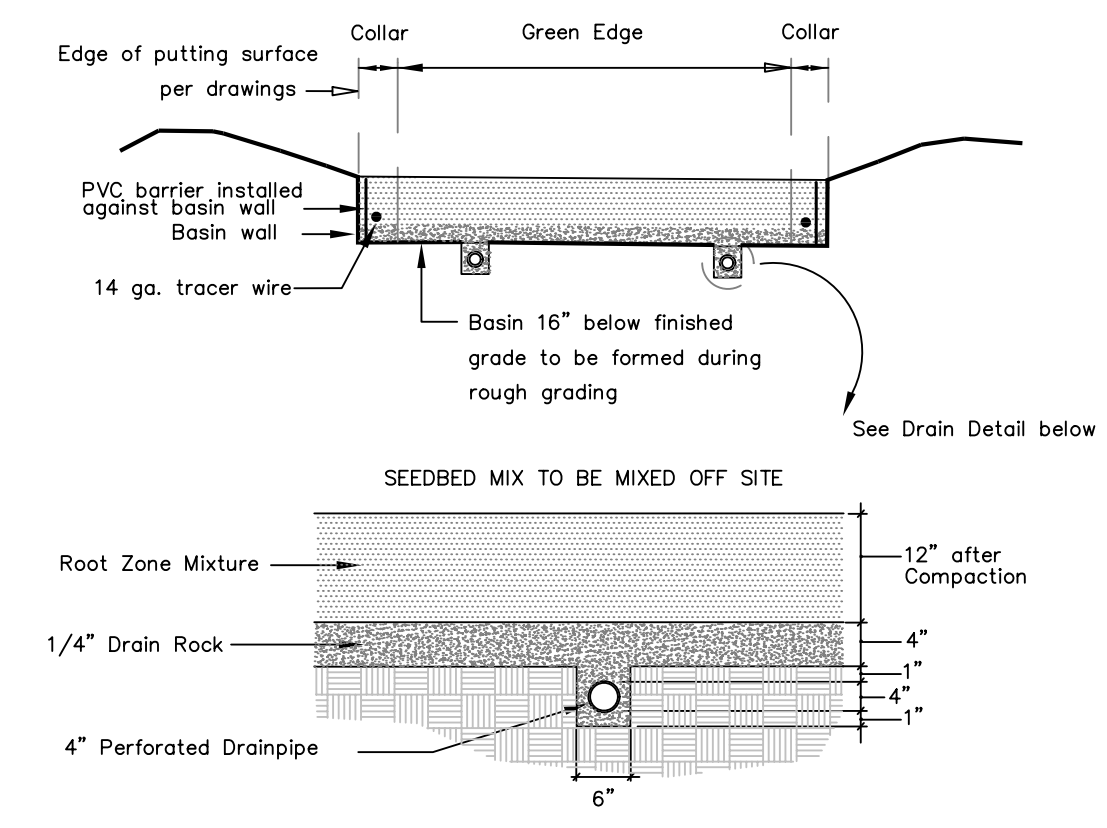
Client Contact:
Sacramento Area Flood Control Agency (SAFCA)

1325 J St. Suite 1700
Sacramento, CA 95814
916-874-7606

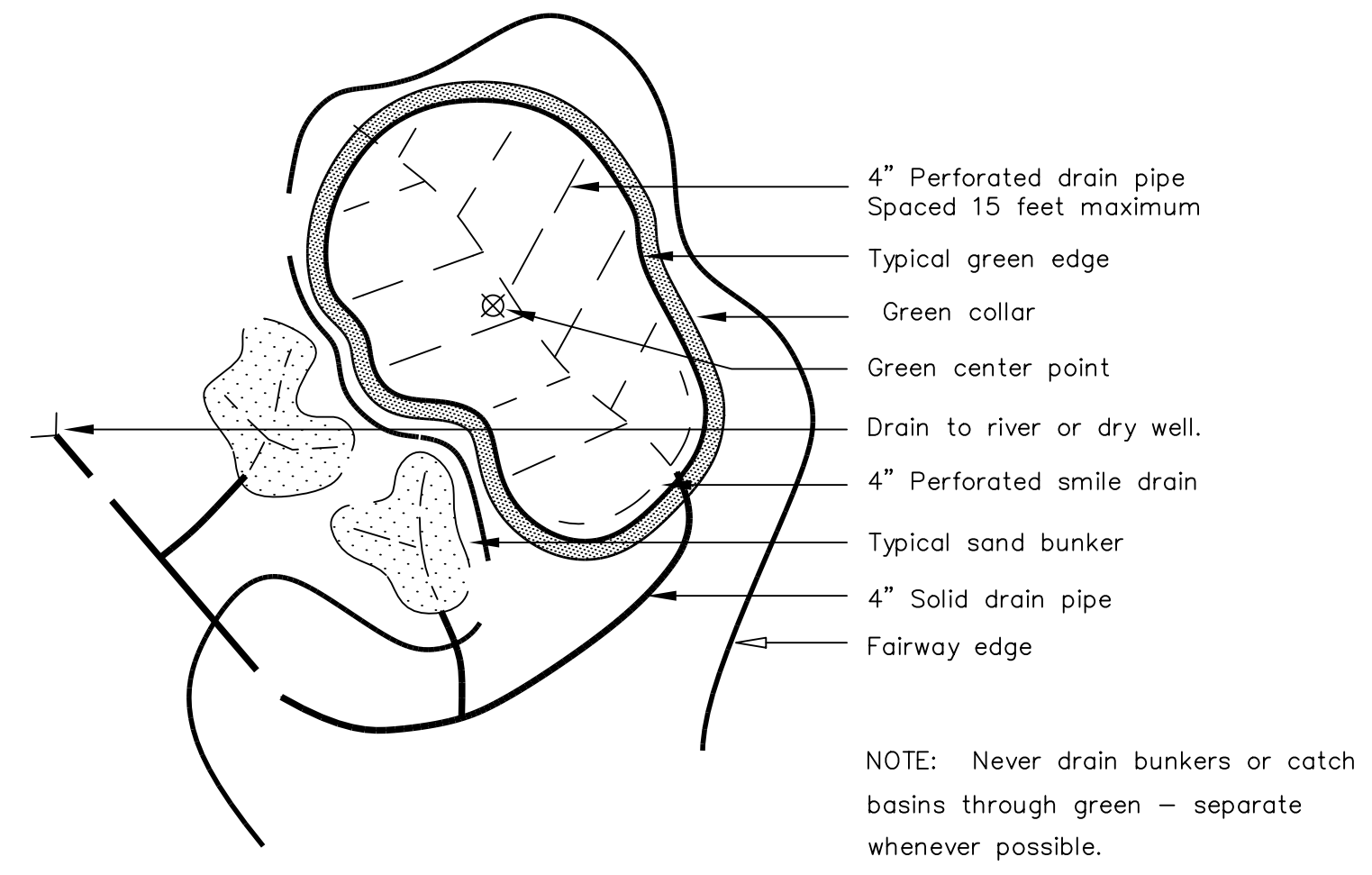


Date: April 18, 2023
Rev: Rev1
Rev: Rev2
Rev: Rev3
Scale: 1"=20'

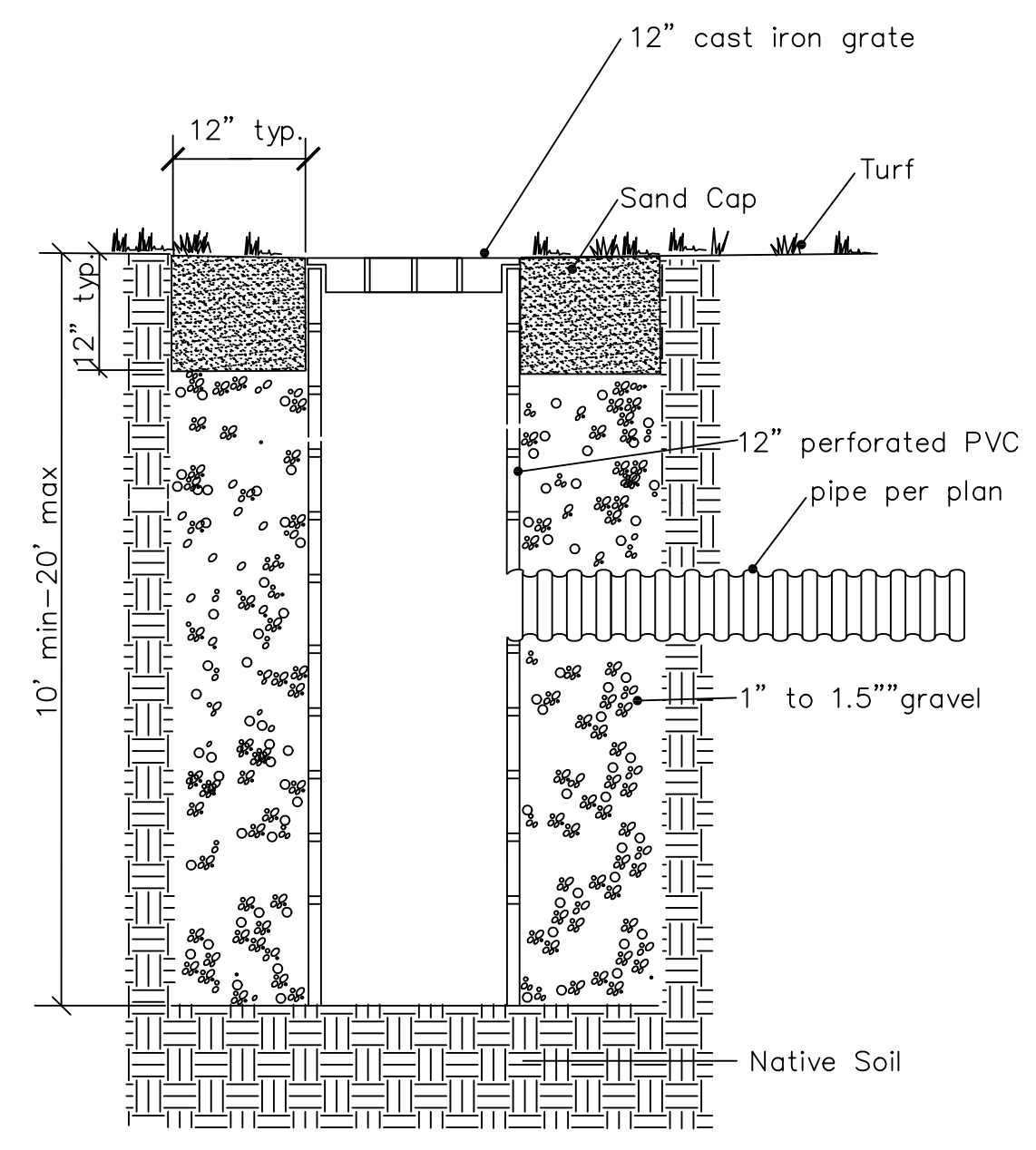
Sheet: GC-7



A Typical Green w/ barrier
Not To Scale



B Typical Green Drainage
Not To Scale



C 12" Dry Well
Not To Scale

LEGEND - TORO EQUIPMENT OPTION

SPRINKLERS

60" Sprinkler Spacing (VIH)

- o Toro FLX34-34-6-1 (Orange).
Performance: 72' Radius/28.1 GPM @ 65 psi.
Use Toro Swing Joint TSJ-15A-12-3-10A
- d Toro FLX35-34-6-1 (Orange).
Performance: 68' Radius/28.2 GPM @ 65 psi.
Use Toro Swing Joint TSJ-15A-12-3-10A
- cd Toro FLX35-34-6-1 (Orange) w/ Tail Nozzle 102-6884 (Yellow) .
Performance: 66' Radius/22.9 GPM @ 65 psi.
Use Toro Swing Joint TSJ-15A-12-3-10A

30"-45" Sprinkler Spacing (VIH)




- Toro FLX35-31-6-1 @ 15° / w/adjustment screw - Full Circle
Performance: 54' Radius @ 15° / 15.3 GPM @ 50 psi.
Use Toro Swing Joint TSJ-15A-12-3-10A
Use Adjustment Screw to Achieve Optimum Radius.
- Toro FLX35-31-6-1 @ 15° / w/adjustment screw - Part Circle
Performance: 54' Radius @ 15° / 15.3 GPM @ 50 psi.
Use Toro Swing Joint TSJ-15A-12-3-10A
Use Adjustment Screw to Achieve Optimum Radius.

NOTE: Use Lasco #307-251 Service Elbow or #302-251 Service Tee as required for connection from Lateral Piping to Swing Joint.

20'-25' Sprinkler Spacing

- z Toro 590GF-PRN-TA
Performance: 20' to 25' Radius / 1.6 GPM (180°) @ 75 psi
Use Lasco Swing Joint #T522-212.

CONTROL SYSTEM


- 48  Toro #300-48-P-6-M-3 Satellite Controller
- 64  Toro #300-64-P-6-M-3 Satellite Controller.
- 64 R  Toro #300-64-P-6-R-3 Radio Satellite Controller.

- Approximate location for controller installation. All controllers shall be installed at or above elevation 38'.

----- The heavy dash-dot line encompassing portions of the irrigation system indicates each individual satellite controller's area of operation.

 Controller Zone ID. Matches corresponding satellite controller. Indicates number of satellite stations.

CENTRAL COMPUTER

-  Toro LYNX Computer #LX-04-5-07.
Field Interface Unit #FIU-2011R
All peripherals, surge protection, and grounding recommended by the Toro Co. of Riverside, California to make a complete and operational LYNX Central Control System.

VALVES

- Toro #474-44-1" Quick Coupling Valve.
Use Toro Swing Joint TSJ-15A-18-3-10QC. (See detail.)

Furnish Four (4) Quick Coupling Keys and Hose Swivels.
- Toro P220GS-27-04 Pressure Regulating Remote Control Valve with Wilkins 500XL-HRSCG Pressure Reducing Valve factory set at 85 psi. Set P220-27 Regulator for 75 psi for 590GF series sprinklers. (See detail.)

PIPE SIZING CHART - 590G SERIES SPRINKLERS (20'-25' SPACING)

Number of Sprinklers	Pipe Size	Valve Size
1-5	1" Sch. 40 PVC	1"
6-15	1-1/2" Sch. 40 PVC	1"
16-25	2" Sch. 40 PVC	1-1/2"

NOTE: Number of sprinklers is based on half circle sprinklers. Count full circle sprinklers as two sprinklers.

LEGEND - ALLIED EQUIPMENT

SPRINKLER WIRING

Sprinkler wire shall be solid copper with polyethylene (PE) insulation suitable for direct burial applications. Wire shall be supplied by Paige Electric and shall comply with Paige specification P7079D (most current revision). Sprinkler control wire shall be #14 AWG. Common wire shall be #12 AWG. Splices in sprinkler wire shall be made with DBR/Y-6 splice kits.

An individual control wire shall be installed from each VIH sprinkler and RCV within each control zone to the appropriate satellite controller. At each satellite controller, the sprinklers shall be wired to operate in the sequence preferred by the golf course Superintendent. Mark the sequence on the Mechanical Drawing of the As-Built Plan.


- ⊗ Extra Wire: At nearest sprinkler or quick coupling valve as shown on plan (or at turf boundary for landscape use), leave a minimum of one (1) or as otherwise indicated control wires and common wire for future use. Cap and waterproof ends. For Landscape wires, leave in 6" round box. Mark location on as-built plan.

VALVES

- × Lateral Isolation Valve. All Lateral Isolation Valves are 2" w/cross handle. LEEMCO Lateral Valve #LV200 or Harco equal. Furnish Ten (10) T-handle operating keys.
- ⊗ Lateral Isolation Valve for Landscape POC. All Lateral Isolation Valves are 3" w/cross handle. LEEMCO Lateral Valve #LV300 or Harco equal.
- ⚡ Mainline Gate Valve - 6". American Flow Control Series 2500, Clow, Leemco or Muller equal only. Valve shall be of US manufacture, resilient wedge shall be fully encapsulated with EPDM rubber, stem shall be stainless steel or low zinc bronze, all bonnet and gland nuts and bolts shall be stainless steel, valve coating shall be fusion bonded Epoxy inside and out. Furnish four (4) T-handle operating keys.
- ⌵ Flushing/Drain/Lake Fill Valve - 3" Leemco LV33SB
- ⬆ Universal Air/Vacuum Release Valve, Bermad IR-2"-C10-P-S-NM. Install at high point on mainline nearest location shown on plan and at the dead end of mainline runs.

- 3" Landscape irrigation Point of Connection for Greening Contractor. See Details.

WATER SOURCE

-  Booster Pump: 350 gpm at 110 psi discharge. Meter by others. Install 4" Watts/ Febco 880-V (or approved equal) backflow preventer between meter and booster pump. Replace existing booster pump on same slab. Install new wire between disconnect and new booster pump. Contractor to confirm required wire size with pump manufacturer.

PIPING

- Main line Pipe: 6" Rubber Ring Joint - Class 200 PVC. Provide 30" minimum depth of cover for all main line pipe. Mainline Fittings for IPS size piping shall be IPS size ductile iron as manufactured by Harco or Leemco.
- Existing main line through levee. Exact location, material and size is unknown at this time and will be determined in the field. Existing main line to remain intact and is to be reused for the new irrigation system. Connect the new main line to existing pipe on either side of the levee using appropriate methods. Flanged connection is preferred.
- Lateral Pipe: Solvent Weld Joint - Schedule 40 PVC. All pipe is 2" in size except non-pressure lateral piping downstream from remote control valve. (See pipe sizing chart.) Provide 18" minimum depth of cover for all constant pressure lateral pipe. Provide 12" (30 cm) minimum depth of cover for all non-pressure lateral pipe downstream from remote control valve.

Use Lasco 315 psi service fittings with Acme threaded outlet for all VIH sprinklers and QCV swing joint connections. All other lateral fittings shall be Lasco Surge Guard fittings.

Note: Provide 15" (38 cm) minimum depth of cover for all 24-volt wire. All wire to be in a common trench with pipe. All wire installed at bridge or stream crossings and under public or private roadways shall be in conduit. Conduit below grade shall be UL approved Sch. 40 PVC. Conduit above grade shall be UL approved Steel.

GENERAL NOTES - MECHANICAL:

- Bids shall be based only on the materials specified. Proposed substitution of equal products will be considered only after award of a Contract. The product submitted must be equal or superior to the one specified in terms of design and function. Only then will the cost implication be considered.
- Main line piping installed on bridge crossings shall be Class 350 Ductile Iron with joint restraints, and shall be installed with pipe supports at 5' (1.5m) intervals along the bridge crossing. Pipe shall be installed underneath the bridge wherever possible. Contact the Designer and Project Manager or Owner's Representative with a proposed plan for installation before installing pipe at bridge crossings. All pipe installed above ground shall be painted light gray, using rust resistant paint. Use Pantone color 522C for reclaimed water pipe above ground.
- Main line piping installed at stream or other water crossings shall be Class 350 Ductile Iron with joint restraints or HDPE 4710, DR11. Contact the Designer and Project Manager or Owner's Representative with a proposed plan for installation before installing pipe.
- Main line piping installed under public or private roadways shall be Class 350 Ductile Iron or HDPE 4710, DR11 and shall be installed in accordance with local codes and regulations governing road crossings. Ductile Iron pipe installed in sleeves shall be installed with joint restraints. Contact the Designer and Project Manager or Owner's Representative with a proposed plan for installation before installing pipe. The Contractor shall coordinate installations at road crossings with other utilities and with the approval of local agencies and/or Army Corp of Engineers if required. In all cases, the installed depth of cover shall be a minimum of 36 inches.
- Prior to beginning work, coordinate with the Designer to arrange site visits for staking. A minimum of 10 working days notice shall be provided in advance of staking trips.

Campus Commons Golf Course

Sacramento California

Irrigation Plan Notes and Legends

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcat Place
Riverside, CA
92506



Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

Scale:

Sheet: IR-1

Campus Commons Golf Course

Sacramento California

Irrigation Plan Mechanical

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcet Place
Riverside, CA
92506



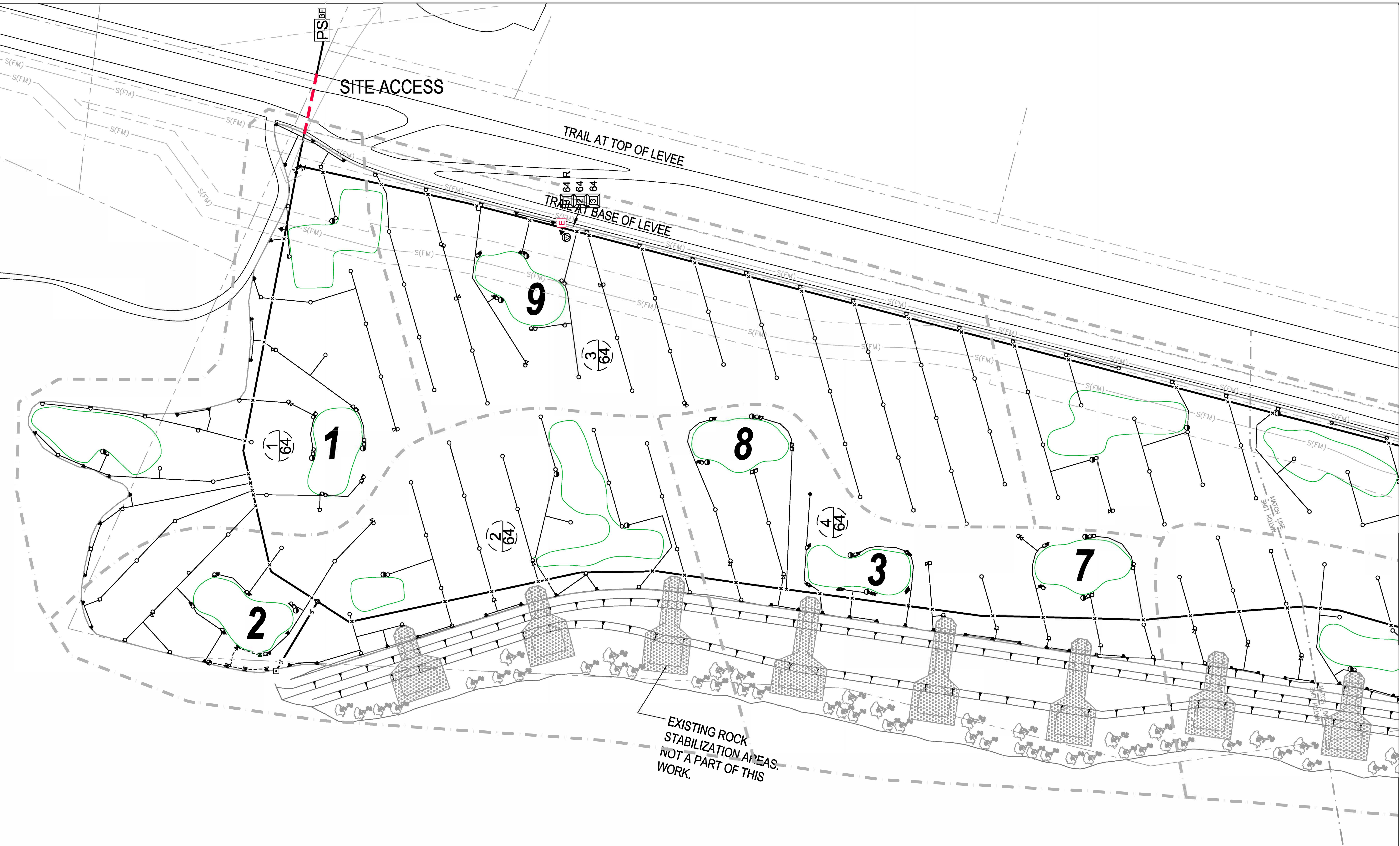
PASCUZZO/PATE
G O L F D E S I G N
3170 Collier Foothill Parkway
Sacramento, CA 95827
916 941 9992
pascuzzo@pp.com

Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

Scale: 1"=50'

Sheet: IR-2



EXISTING ROCK STABILIZATION AREAS. NOT A PART OF THIS WORK.

Campus Commons Golf Course

Sacramento California

Irrigation Plan Mechanical

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcet Place
Riverside, CA
92506

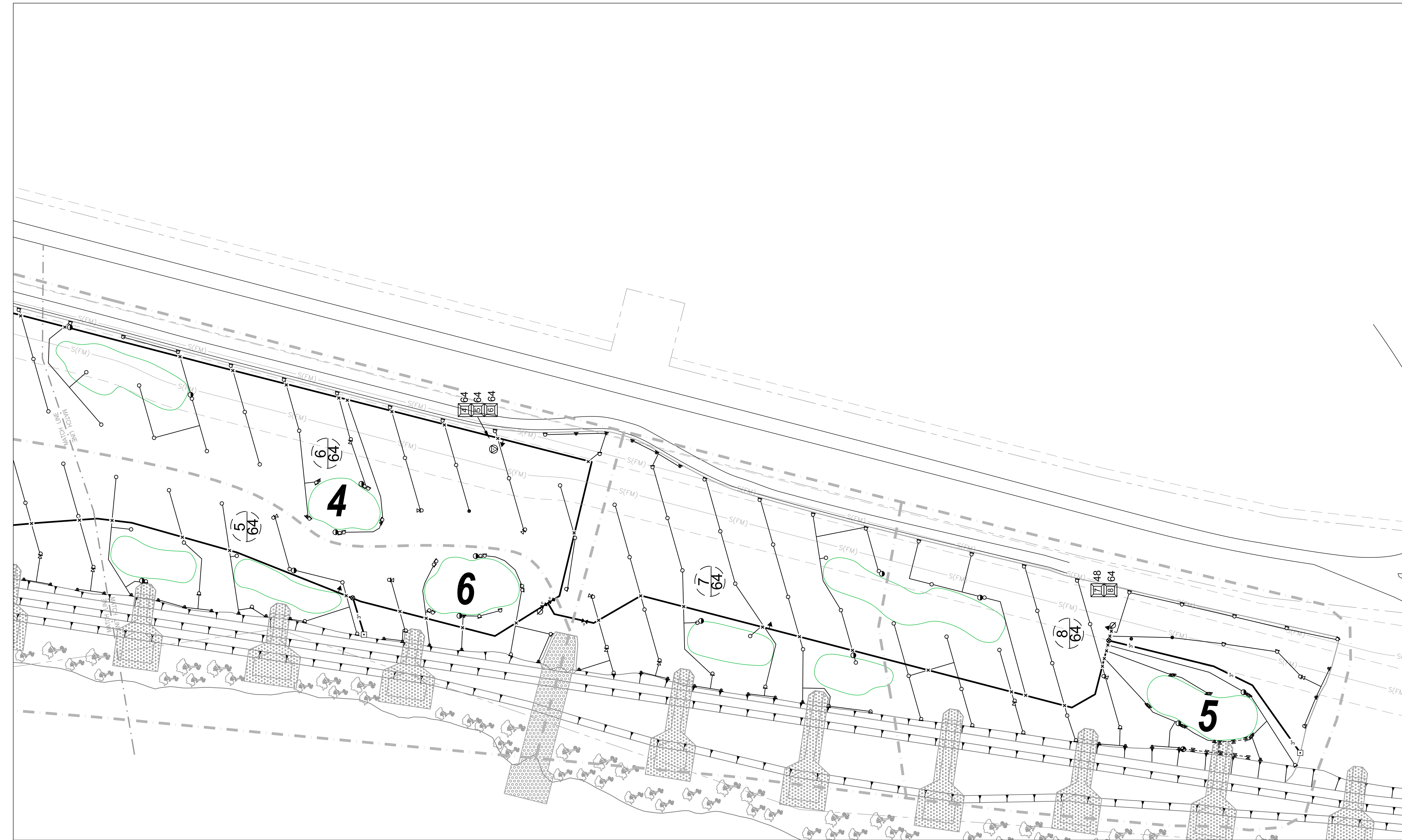


Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

Scale: 1"=50'

Sheet: IR-3



Campus Commons Golf Course

Sacramento California

Irrigation Plan Electric

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcet Place
Riverside, CA
92506

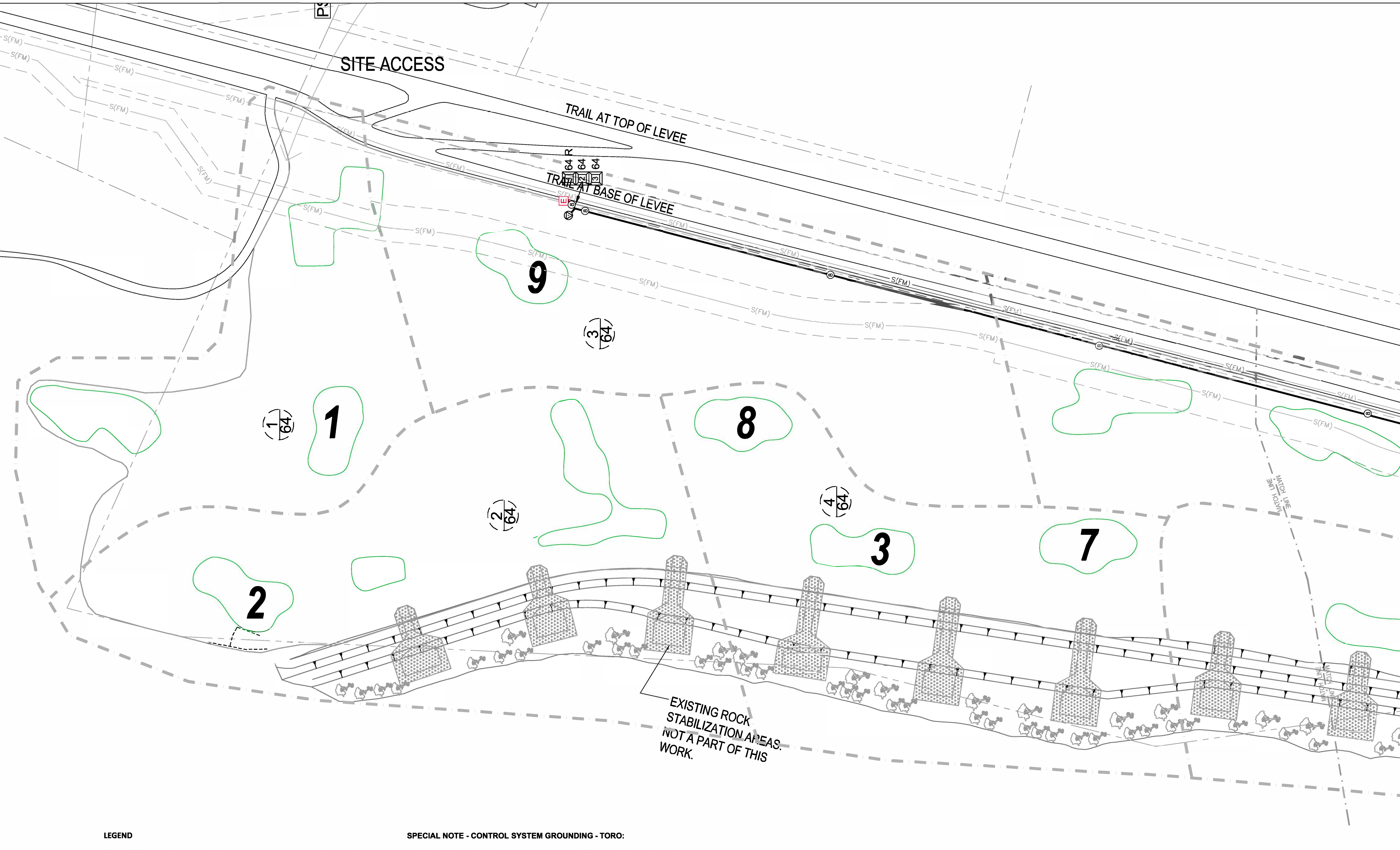


Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

Scale: 1"=50'

Sheet: IR-4



LEGEND

Route of electrical power service from power source to satellite controllers. Electrical wiring shall be UF copper direct bury wire. Minimum depth of cover for all electrical power wire shall be 24" (60cm).

Ⓞ 220 Volt Circuit
Conductors: 2 - #8 UF
Ground: 1 - #8 UF

Ⓢ 220 Volt Circuit
Conductors: 2 - #10 UF
Ground: 1 - #10 UF

NOTE:
Individual circuit stub outs off the trunk line shall be #10 UF wire unless otherwise noted.

ⓔ 220V, single phase power source (by others). If not present, Irrigation Contractor shall install a circuit breaker panel downstream from the meter. Provide a 20 amp, 2-pole circuit breaker to the field wiring. Panel shall be in a weather proof enclosure.

SPECIAL NOTE - CONTROL SYSTEM GROUNDING - TORO:

Install a minimum of one (1) 5/8" (16 mm) x 8' (2,4 m) copper clad steel ground rod at each individual satellite controller, or at each group of controllers. Install additional grounding rods or grounding plate as is necessary to meet the grounding requirements specified by the controller manufacturer. Run a bare copper wire from the ground terminal lug inside the controller to the ground rod. Drive the ground rod(s) vertically and in one piece into the ground until the top is 6" (15 cm) below grade. The rod shall be a maximum of 12' (3,6 m) from any controller. The ground wire from the grounding lug shall be a minimum of two (2) sizes larger than any wire entering the controller, in any case no smaller than #6 AWG. Connect the wire to the ground rod with Acorn nut connector.

Contact controller manufacturer to test grounds to maximum allowable OHM limit. Contractor shall submit a list of OHM readings at each controller location to the project manager and designer.

FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS FOR GROUNDING OF CENTRAL AND SATELLITE CONTROL SYSTEM EQUIPMENT.

FOR SPECIFICATIONS ON THE TORO EQUIPMENT CONTACT:

THE TORO SALES COMPANY - IRRIGATION DIVISION
5825 JASMINE STREET
RIVERSIDE, CALIFORNIA 92504
TEL: (800) 664-4740 / FAX: (909) 359-1870

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Sacramento California

Irrigation Plan Electric

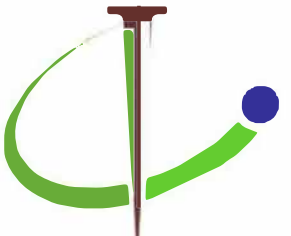
Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcet Place
Riverside, CA
92506



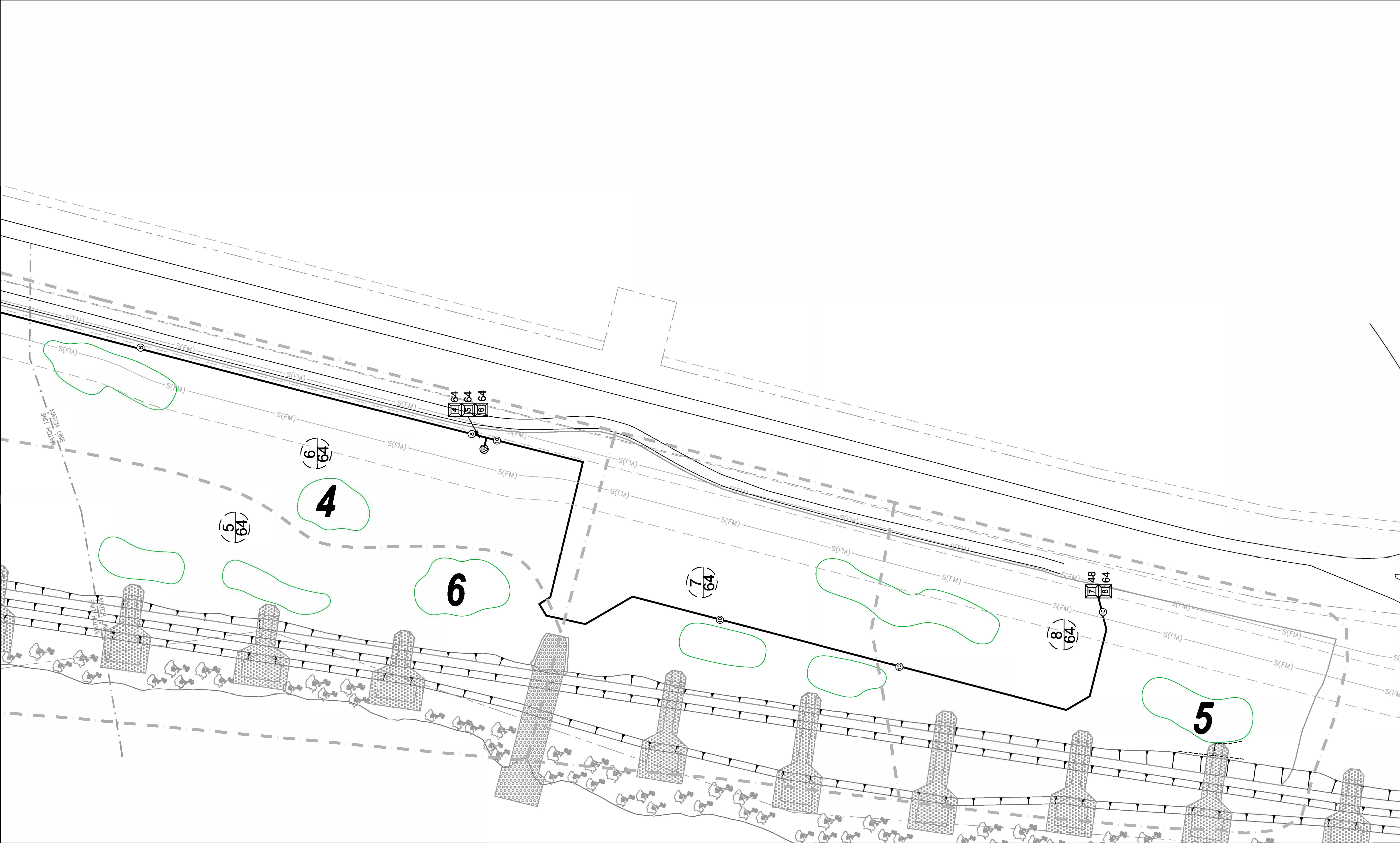
PASCUZZO/PATE
G O L F D E S I G N
3170 Collier Foothill Parkway
Sacramento, CA 95827
916 941 0022
www.crpate.com

Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

Scale: 1"=50'

Sheet: IR-5



Campus Commons Golf Course

Sacramento California

Irrigation Plan Communication

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcet Place
Riverside, CA
92506



1110 Golden Plover Parkway
El Dorado Hills, CA 95762
916 941 8800
pascuzzopate.com

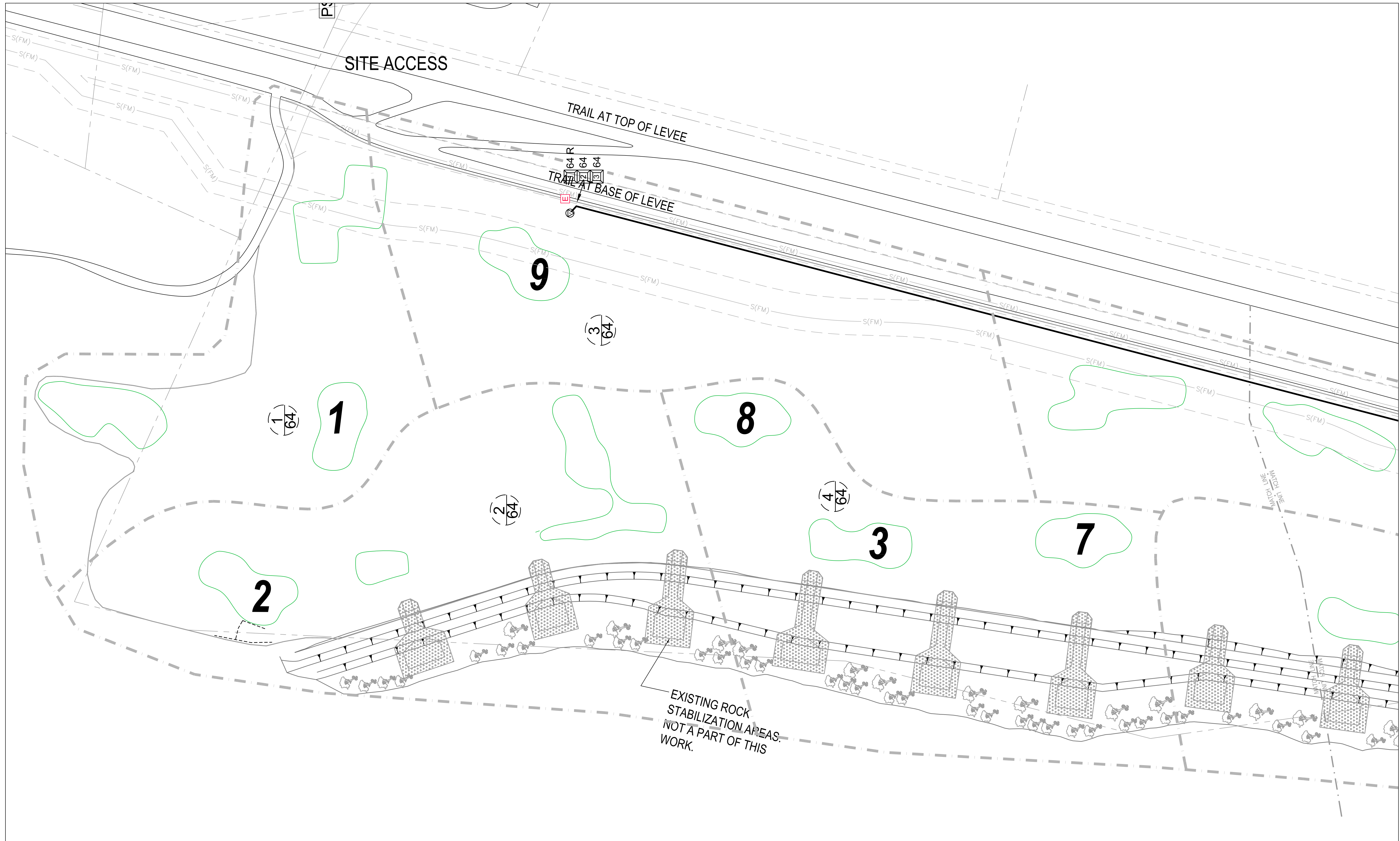
Date: June 11, 2023

Rev: _____

Rev: _____

Scale: 1"=50'

Sheet: IR-6



LEGEND
 _____ Route of communication cable to satellite controllers.

**GENERAL NOTES - COMMUNICATIONS - TORO SYSTEM:
 LYNX SMART SATELLITE COMMUNICATION CABLE:**

1. Communication cable wiring to satellite controller(s) shall be shielded, multi-conductor cable supplied by Regency Wire and shall comply with Regency specification R7162D (most current revision), for use with the Toro central control systems. Depth of cover for communication cable shall be a minimum of 24" (60 cm).
2. It is strongly recommended that all communication cables end and start at the connection points inside the field controller. In the event that a splice is made between controllers, splices shall be sealed with 3M Scotchcast 82-A1 series resin splice kits. Install a junction box over the splice. Leave enough length in the communication cable to be able to inspect the splice above ground (at least 36").
3. Communications cable installed above grade, or at bridge or road crossings shall be installed in conduit. Conduit below grade shall be UL approved Schedule 40 PVC. Conduit above grade shall be UL approved Steel.
4. The satellite controllers shall be addressed at the completion of installation. Addresses shall be included on the Communications As-Built Plan.
5. The central control system components shall be assembled in the Superintendent's office to make a complete and operational central control system.

 The following shall be furnished and installed:
 (a) MGE/Topaz Pulsar Evolution 1100 - Line Interactive Voltage Stabilizer and Uninterruptible Power Source (UPS) Unit Installed on 120 Volt circuit supplying power to central equipment.
 (b) Plug CPU, and Monitor ONLY into the UPS Unit.
 (c) Multi-outlet power strip. Plug printer into power strip.
 (d) All cables and antennas required for communication to the radio equipped Lynx Smart Satellite (satellite 1)

Campus Commons Golf Course

Sacramento California

Irrigation Plan Communication

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



6407 Dulcet Place
Riverside, CA
92506



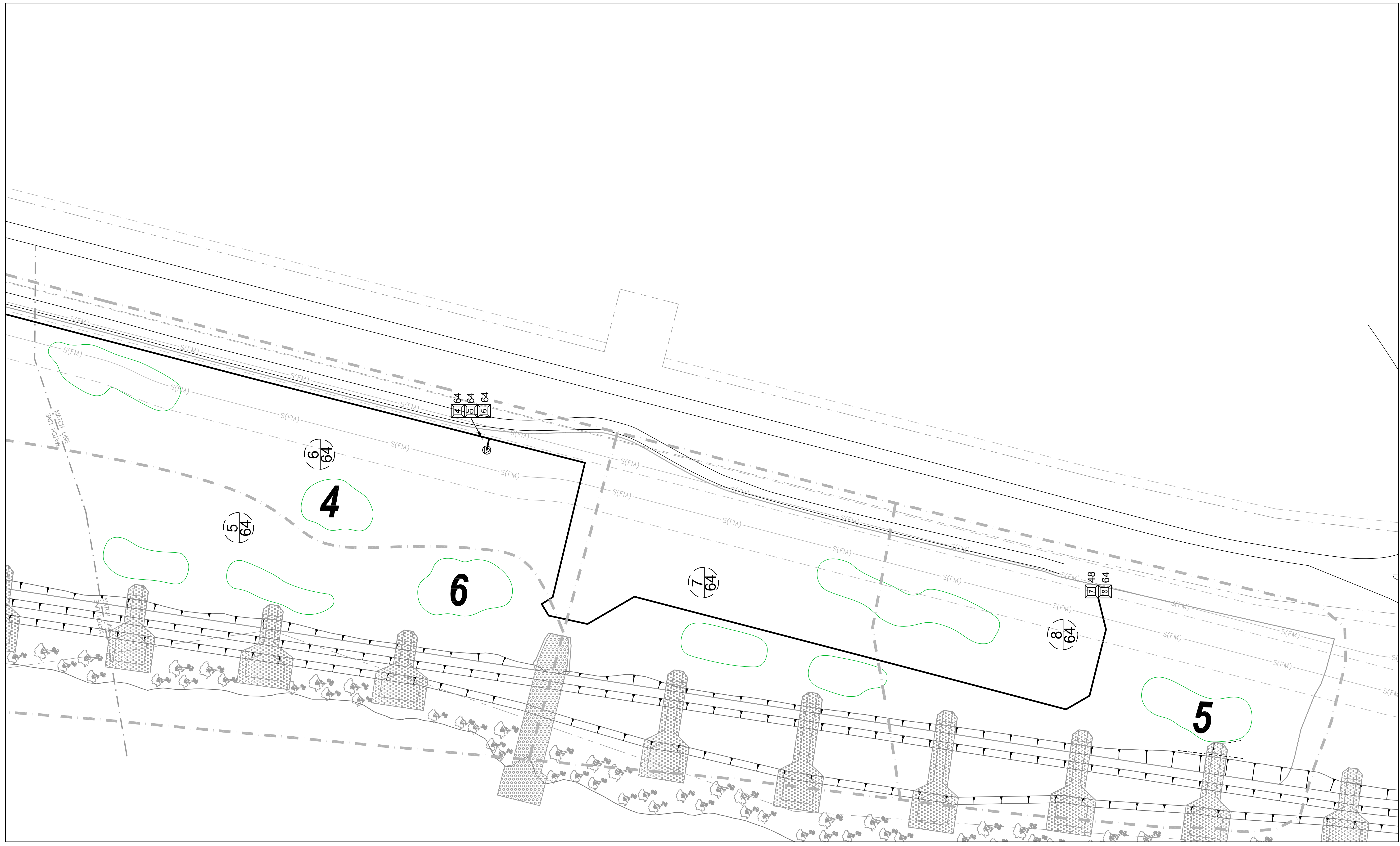
1110 Golden Plover Parkway
El Cerrito Hills, CA 94512
916 941 8800
pascuzzopate.com

Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

Scale: 1"=50'

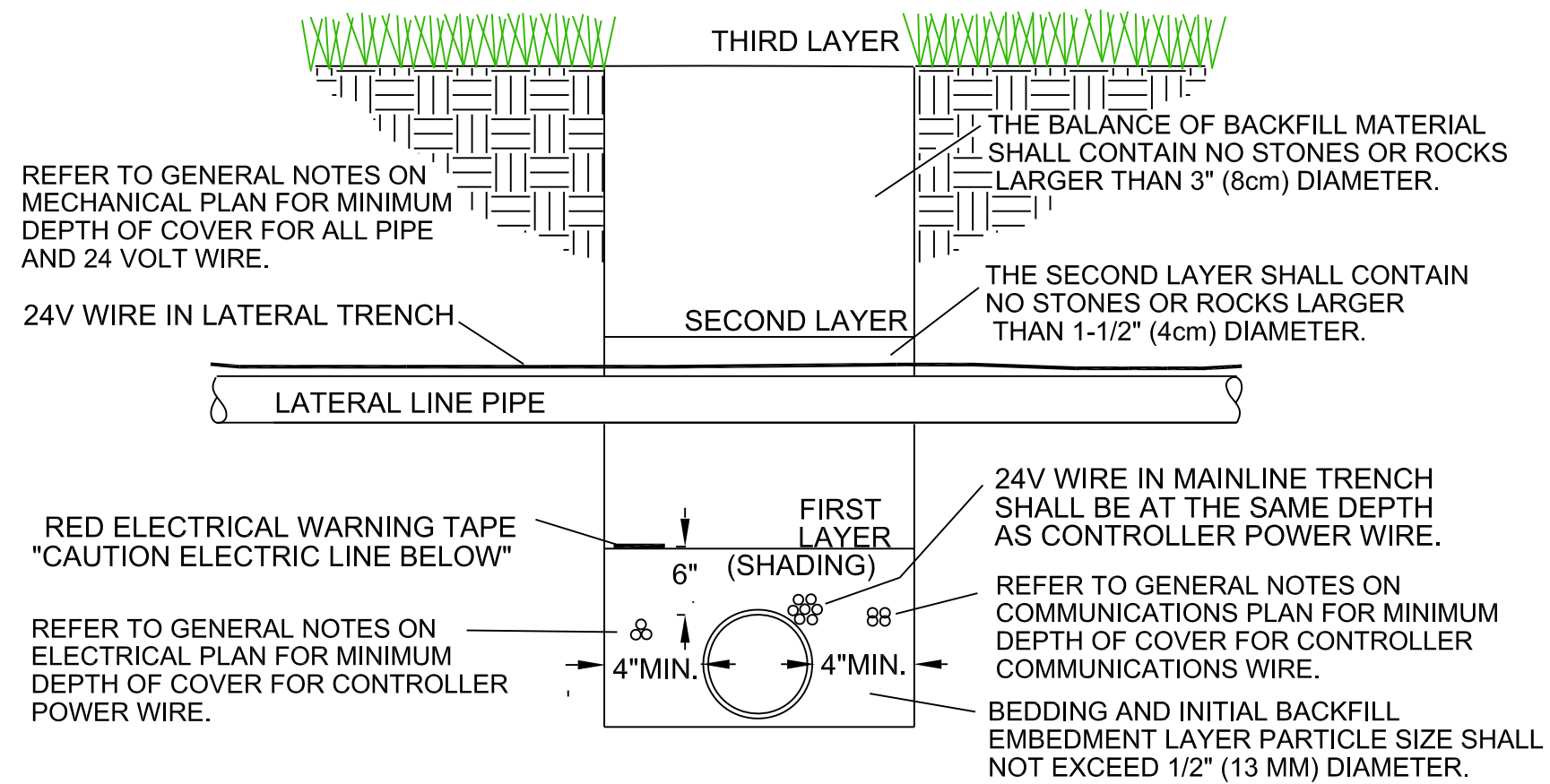
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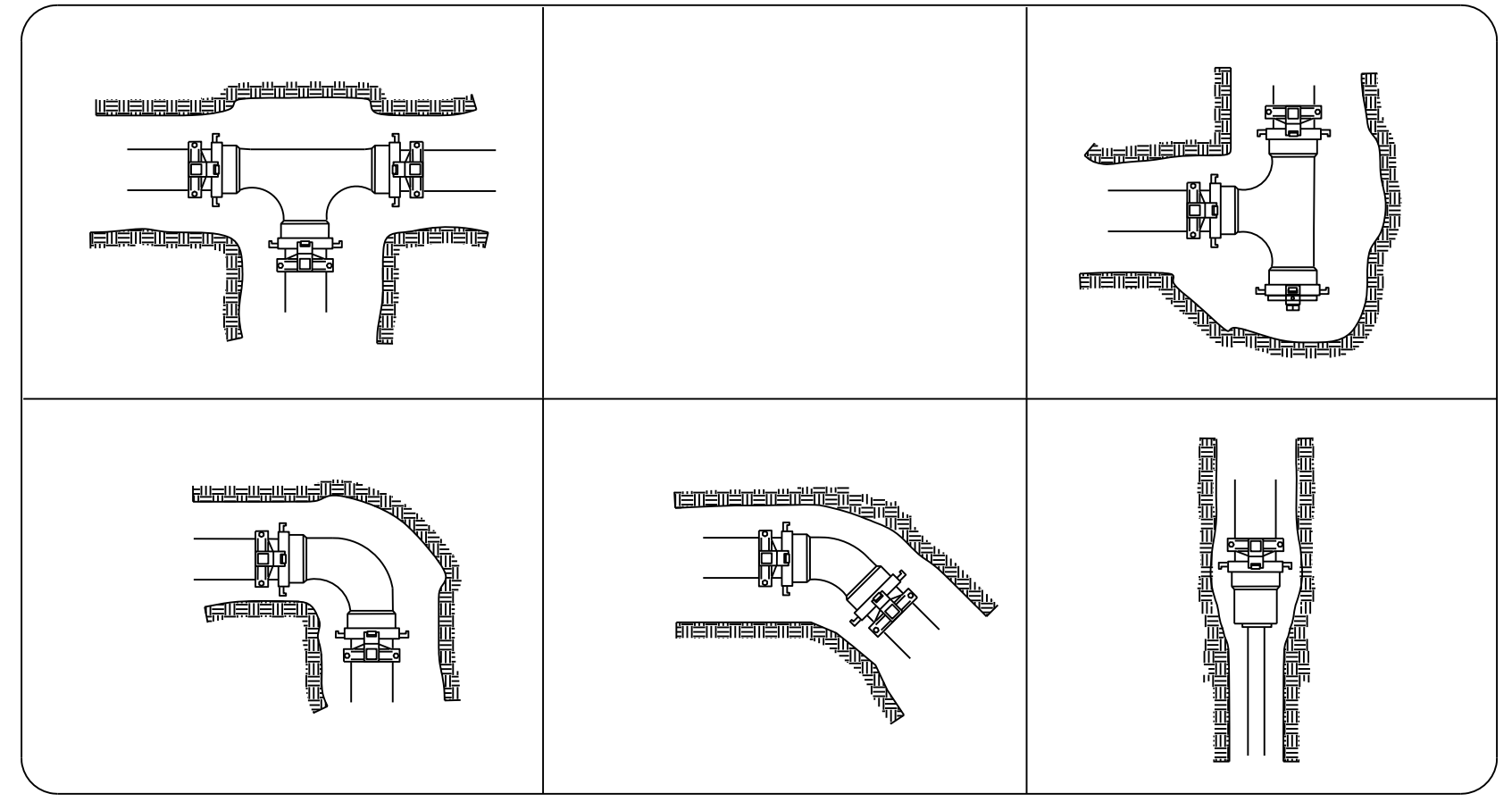
Campus Commons Golf Course

Sacramento California

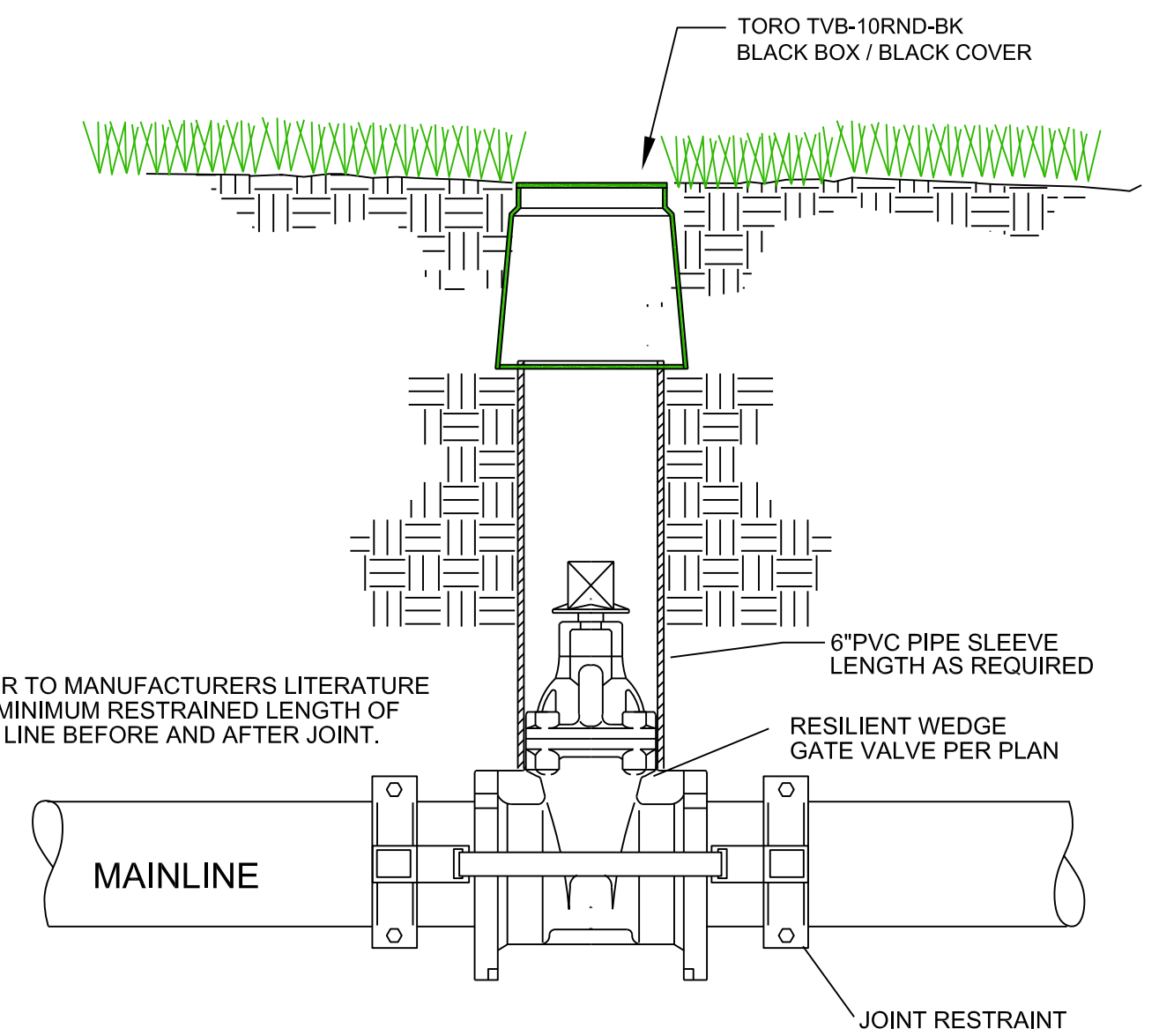
Irrigation Plan Details



MINIMUM DEPTH OF SHADING OVER TOP OF PIPE SHALL BE 6" (15cm) OR AS OTHERWISE RECOMMENDED BY SELECTED PIPE MANUFACTURER. IN ALL CASES, MINIMUM DEPTH OF COVER FOR PIPE AND ELECTRICAL WIRING AS CALLED OUT IN THE PLAN LEGEND SHALL BE ADHERED TO.



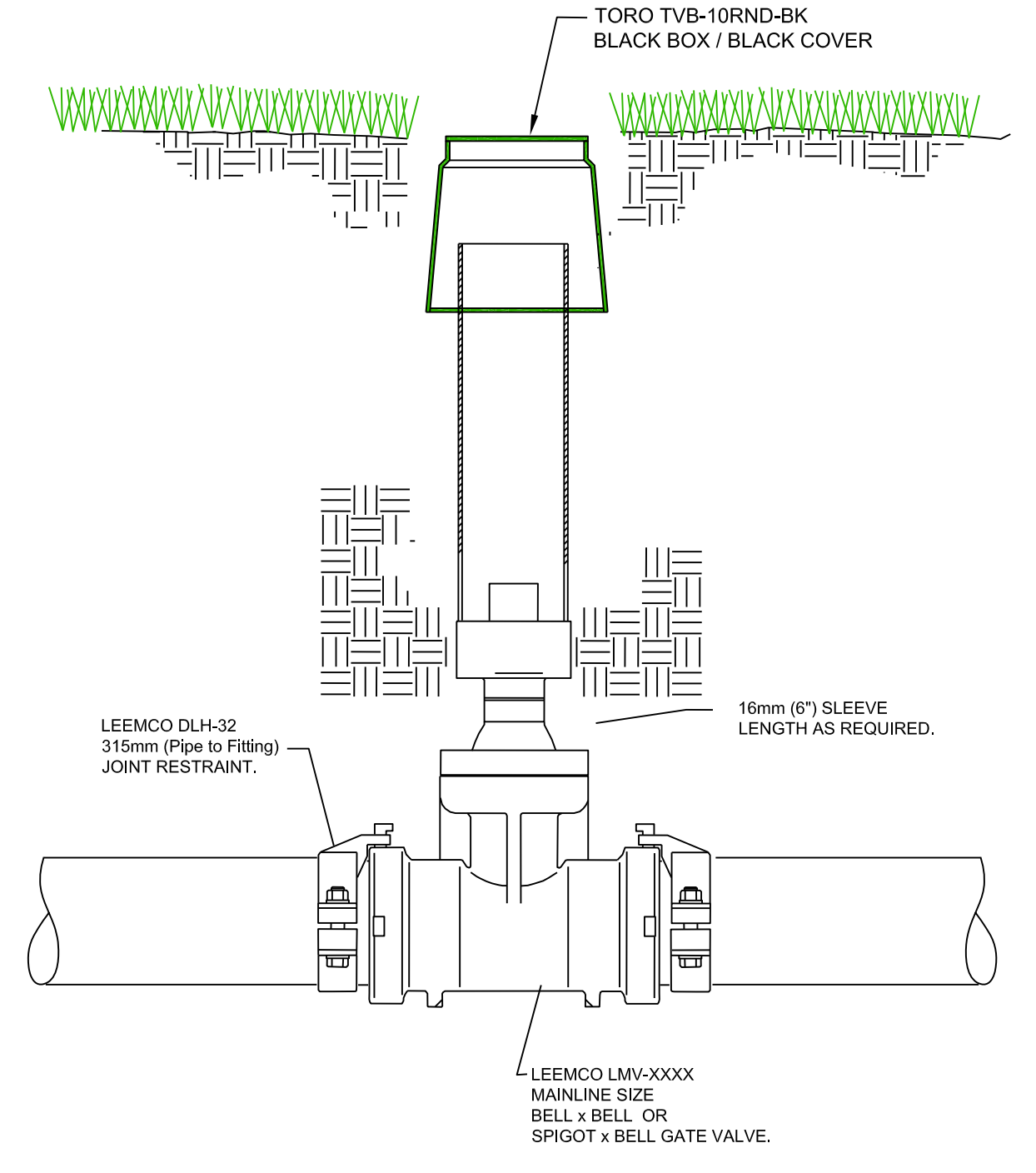
NOTE: JOINT RESTRAINTS TO BE USED FOR ALL MAIN LINE CHANGES OF DIRECTION WHERE FITTINGS ARE REQUIRED. REFER TO MANUFACTURER'S RECOMMENDATIONS ON THE NUMBER OF JOINTS NEEDING RESTRAINT BEFORE AND AFTER FITTINGS. ALL DUCTILE IRON FITTINGS TO BE WRAPPED IN POLYETHYLENE.



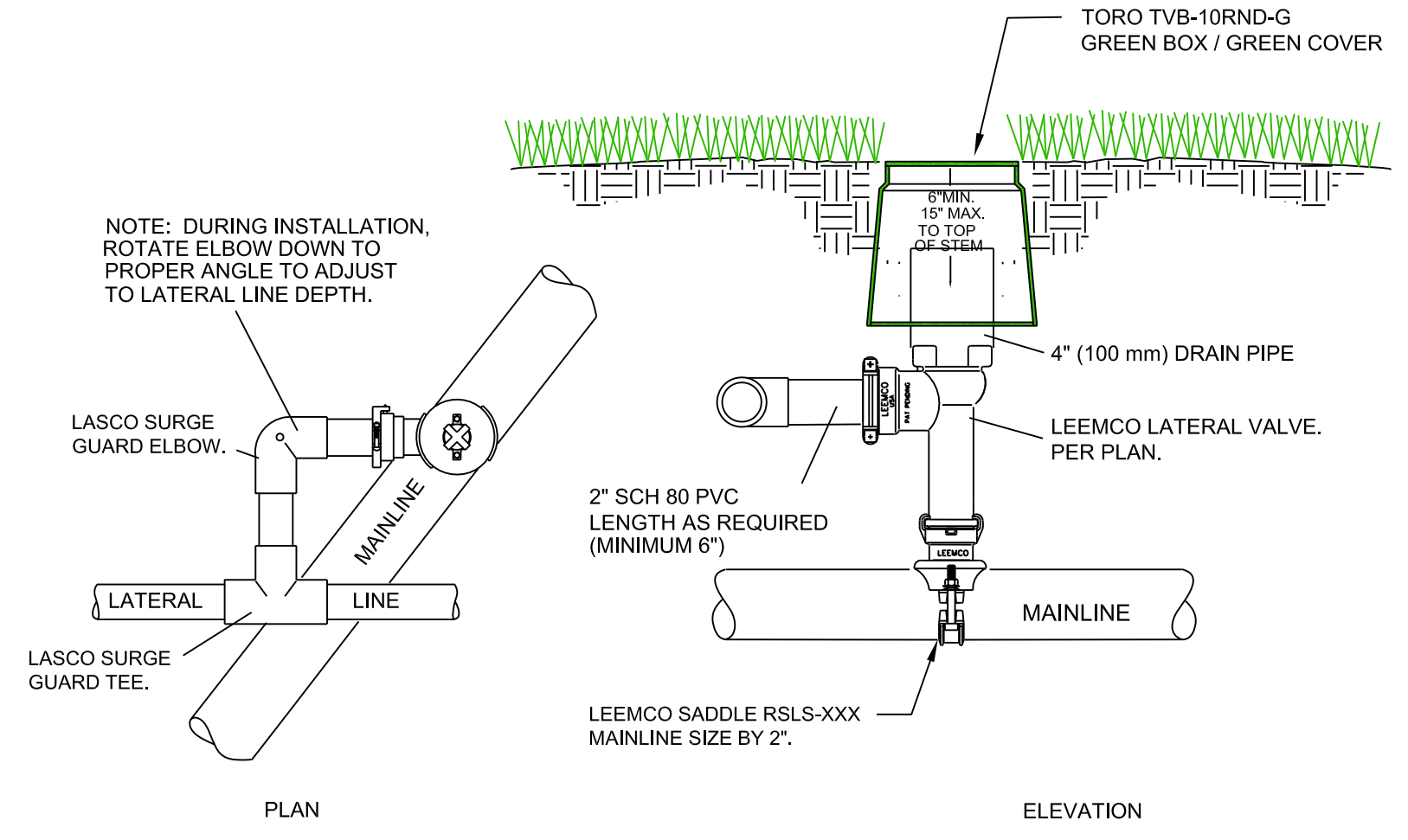
MAINLINE GATE VALVE (AMERICAN/CLOW/MUELLER)

MAINLINE AND COMMON TRENCHES

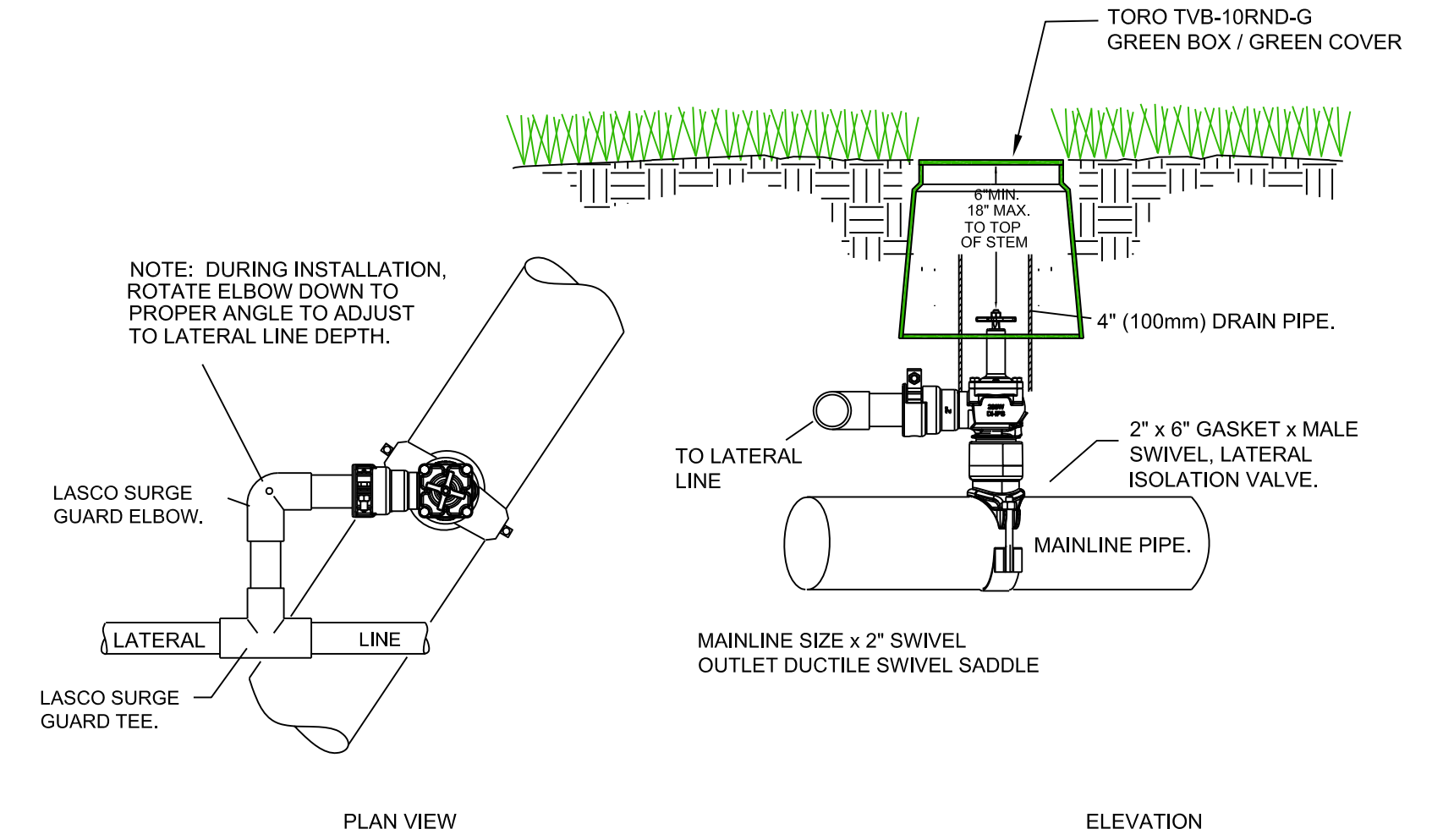
JOINT RESTRAINTS



MAINLINE GATE VALVE (LEEMCO)



LATERAL ISOLATION VALVE - LEEMCO



LATERAL ISOLATION VALVE - HARCO

Client Contact:

SAFCA

1007 7th street, 7th Floor
Sacramento, CA 95814
916-874-7606



Date: June 11, 2023

Rev: _____
Rev: _____
Rev: _____

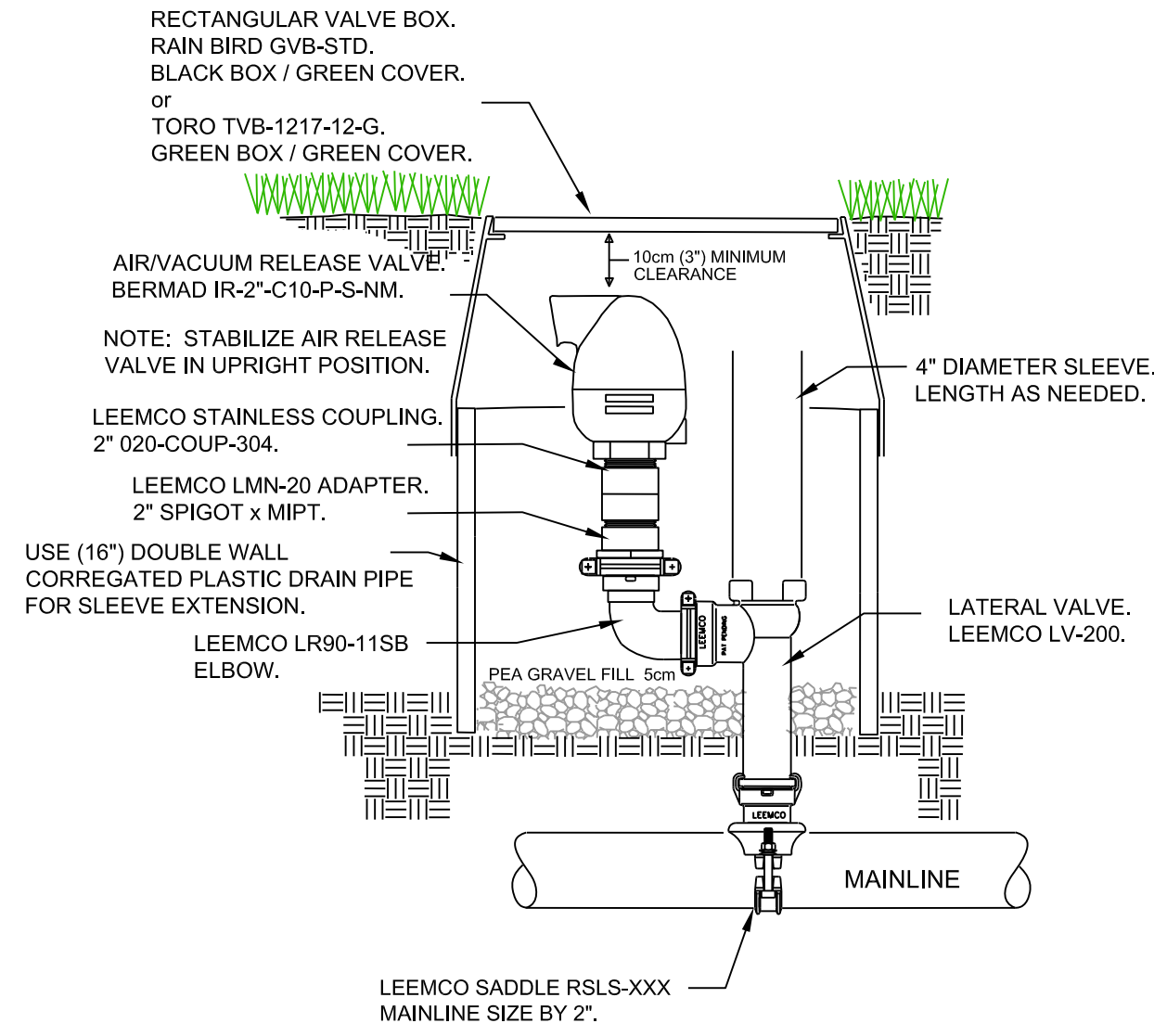
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Sheet: IR-8

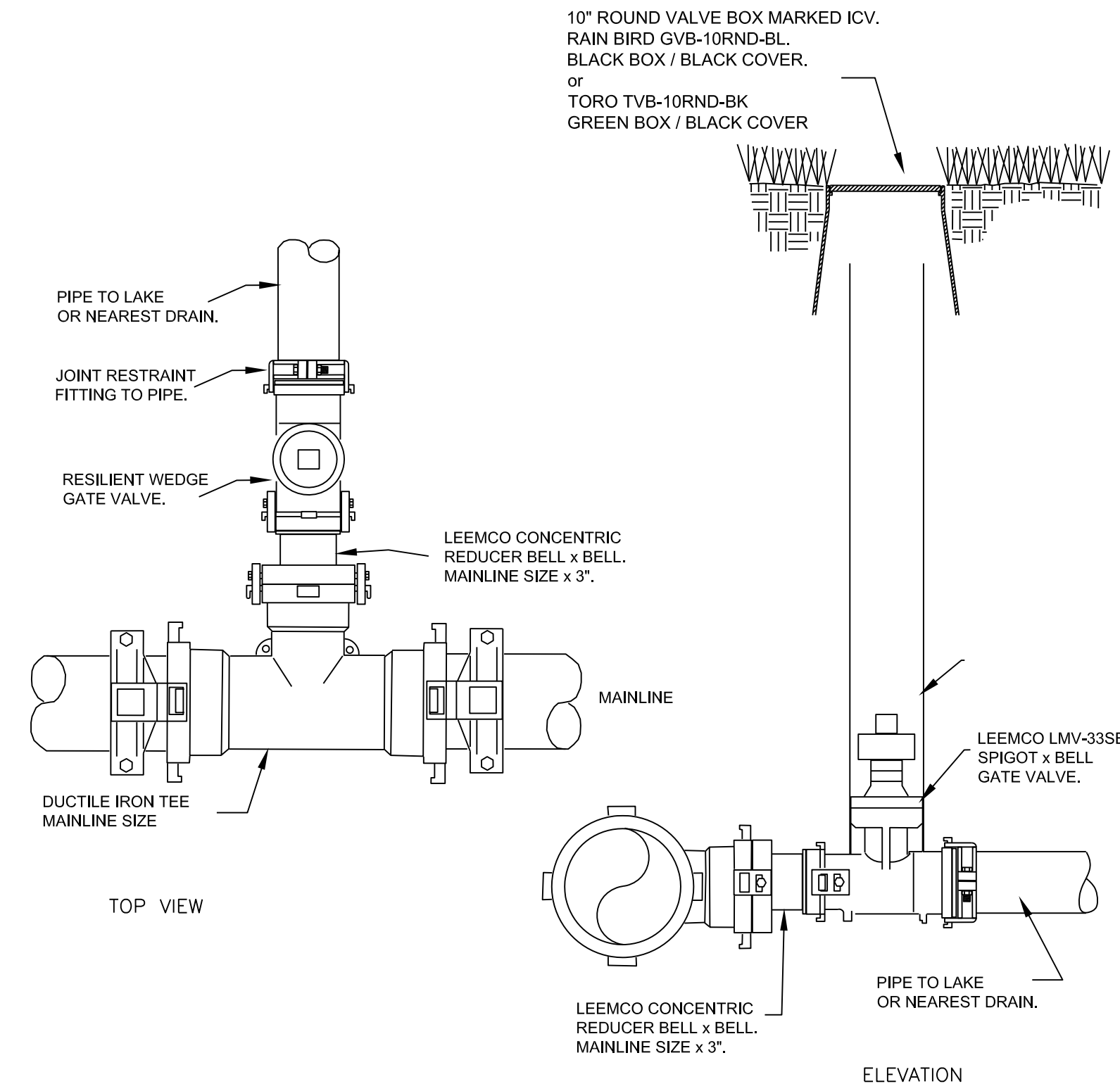
Campus Commons Golf Course

Sacramento California

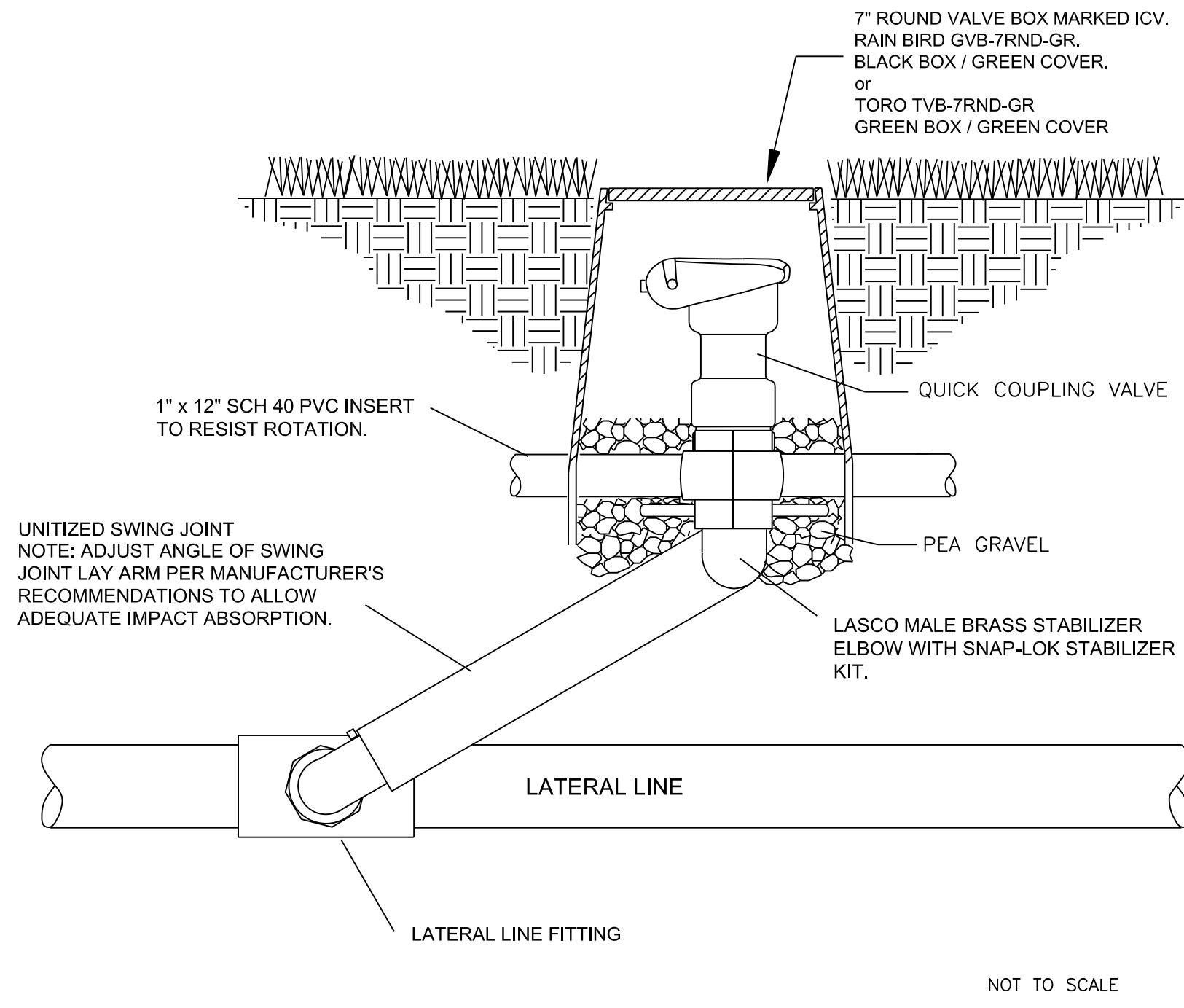
Irrigation Plan Details



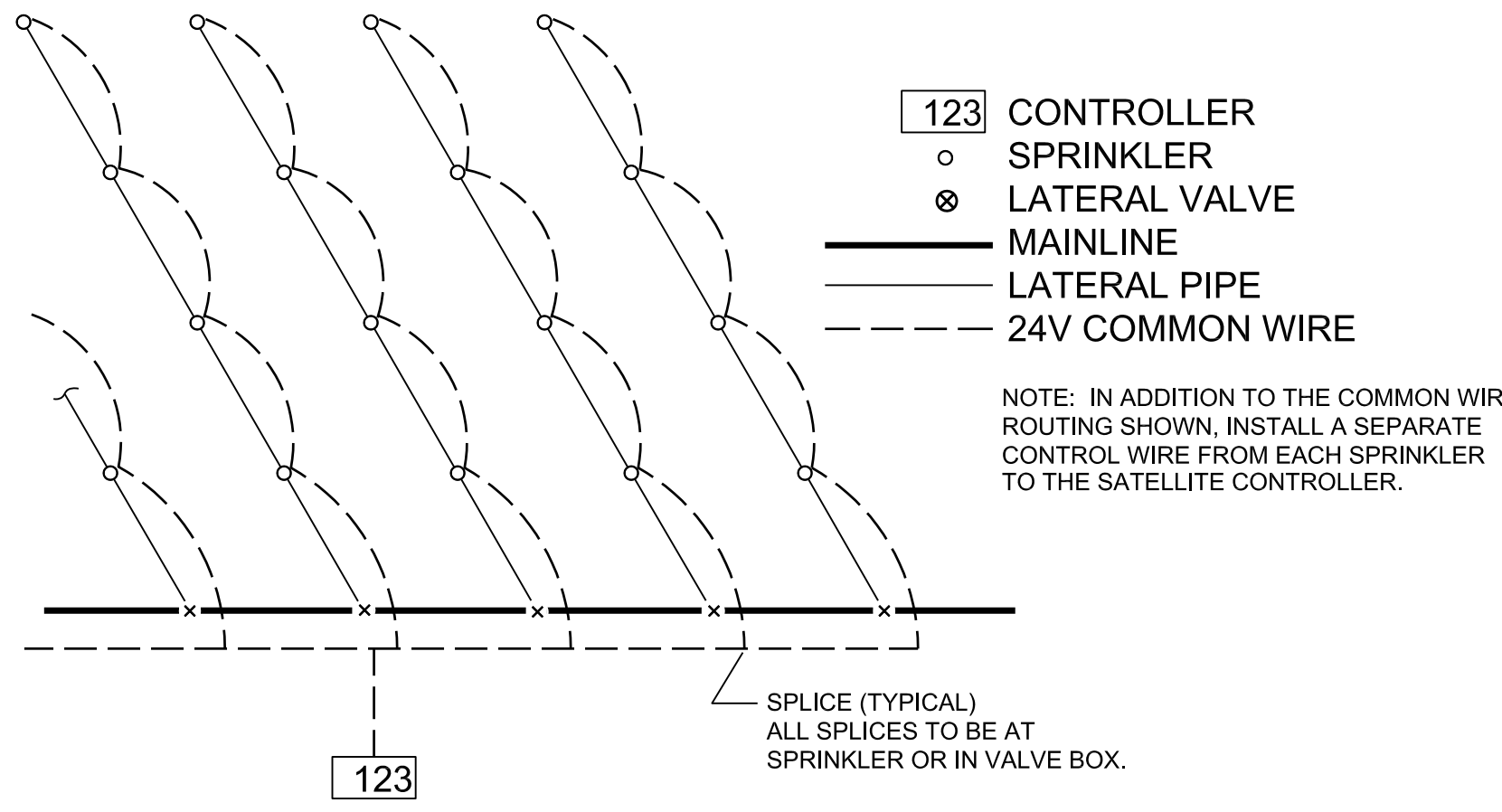
AIR RELIEF VALVE



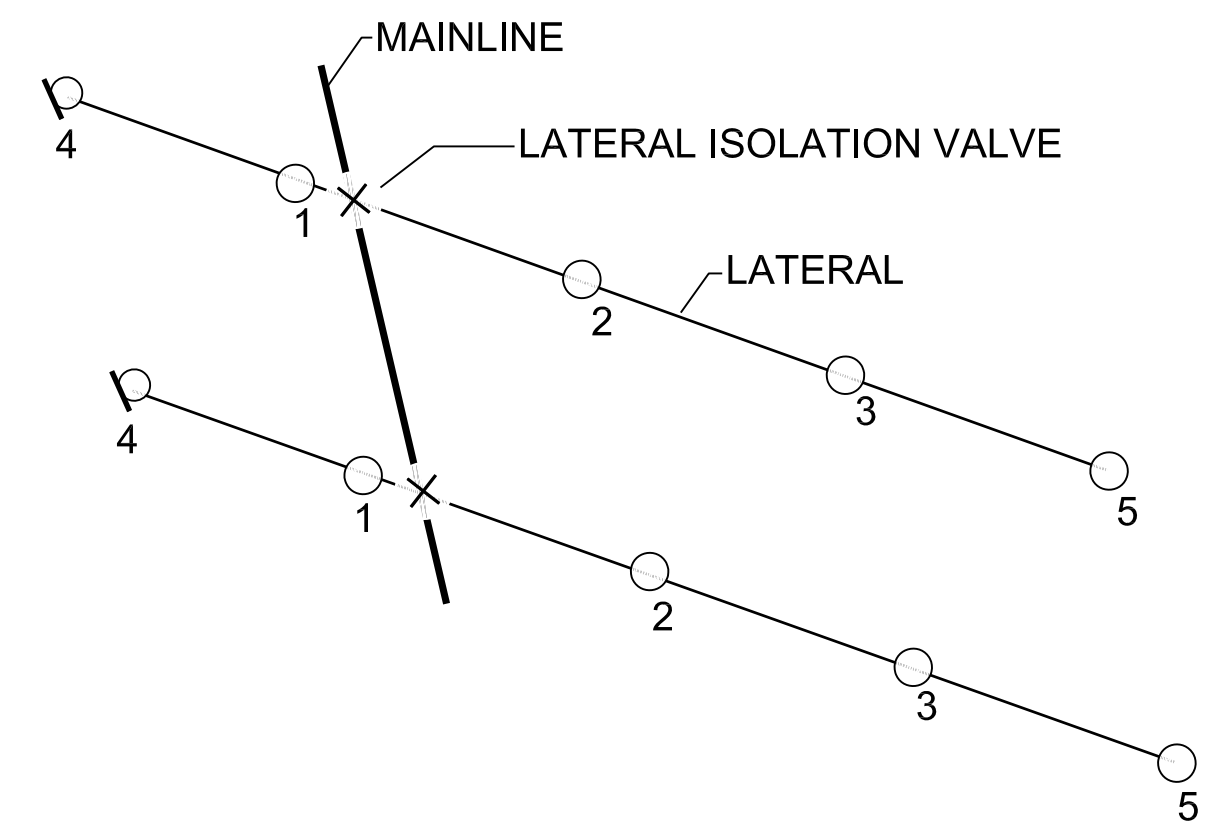
FLUSH/DRAIN VALVE



QUICK COUPLING VALVE



24V COMMON WIRE ROUTING (TYPICAL)

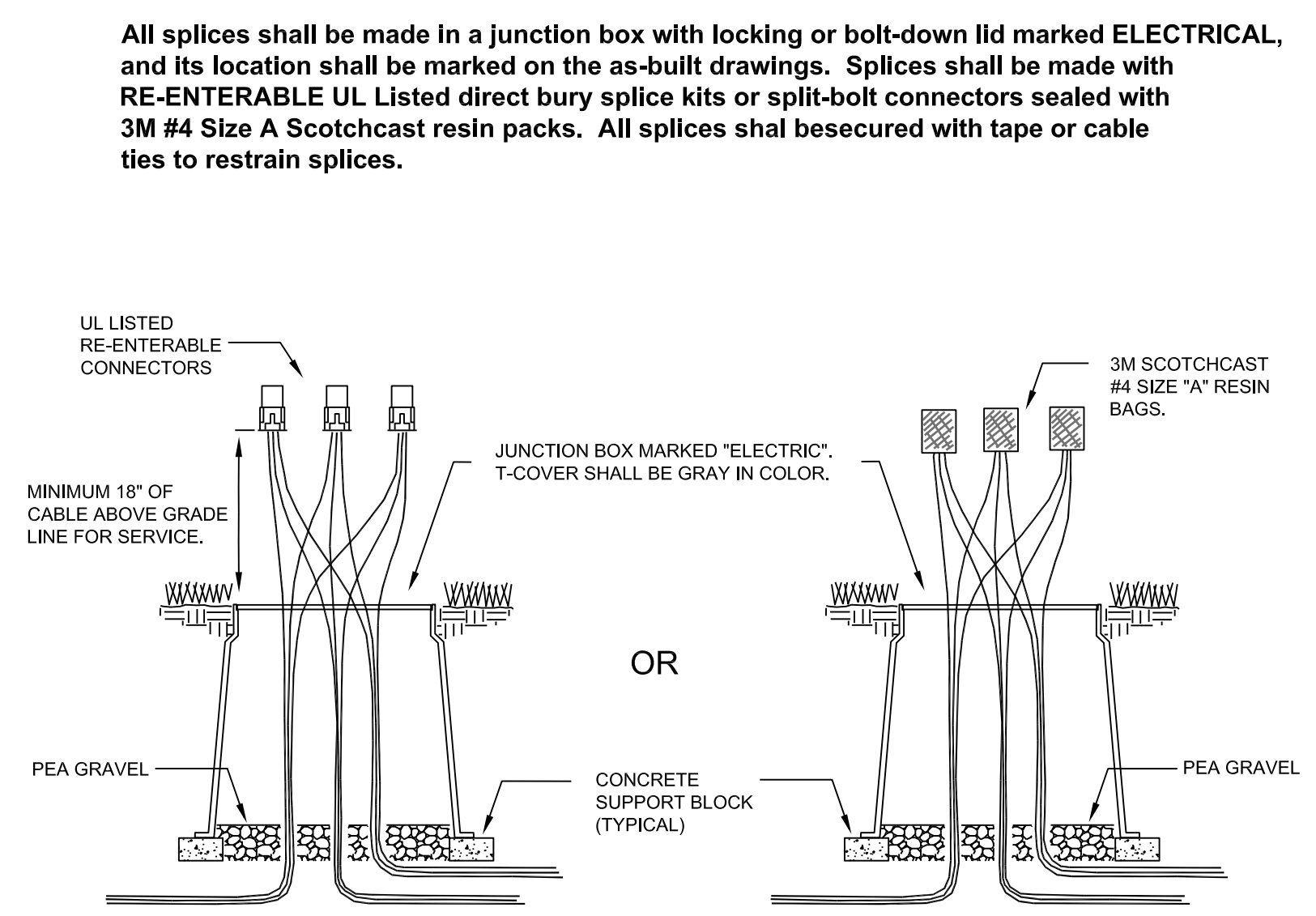


All mainline pipe shall be flushed as it is being installed. Mainline shall be flushed and pressurized between mainline gate valves as the installation progresses.

Lateral piping shall be flushed before installation of sprinklers. Flushing shall proceed from the isolation valve out to the end of dead end laterals or to the mid point of any looped laterals. Sprinklers shall be installed on swing joints in order as flushing continues with the first sprinkler being installed closest to to the lateral isolation valve and the last sprinkler installed farthest from the isolation valve.

Sprinklers shall only be installed after clear water is discharged from each swing joint. Contractor is responsible for ensuring that all piping and all sprinklers remain free of debris until final acceptance of the project by the Owner.

SPRINKLER INSTALLATION SEQUENCE WHILE FLUSHING LATERAL LINES - TYPICAL



ELECTRIC JUNCTION BOX

Client Contact:
 Sacramento Area Flood Control Agency (SAFCA)

1325 J St. Suite 1700
 Sacramento, CA 9514
 916-874-7606

BTG BTG GOLF, LLC
 IRRIGATION DESIGN & CONSULTING

6407 Dulcet Place
 Riverside, CA
 92506

PASCUZZO/PATE
 G O L F D E S I G N

1170 Golden Foothill Parkway
 El Dorado Hills, CA 95762
 916 941 8800
 pascu@pate.com

Date: June 11, 2023

Rev: _____

Rev: _____

Rev: _____

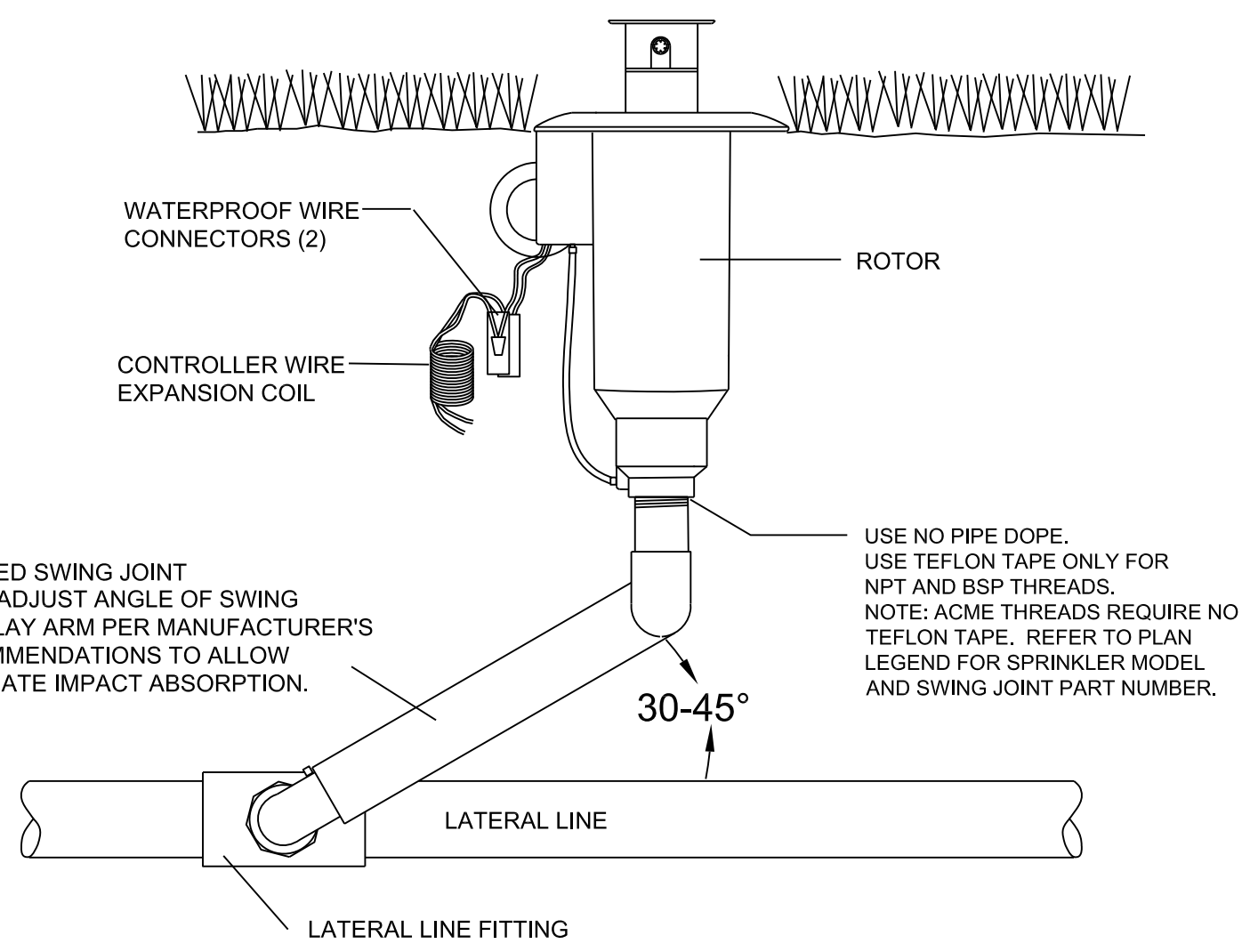
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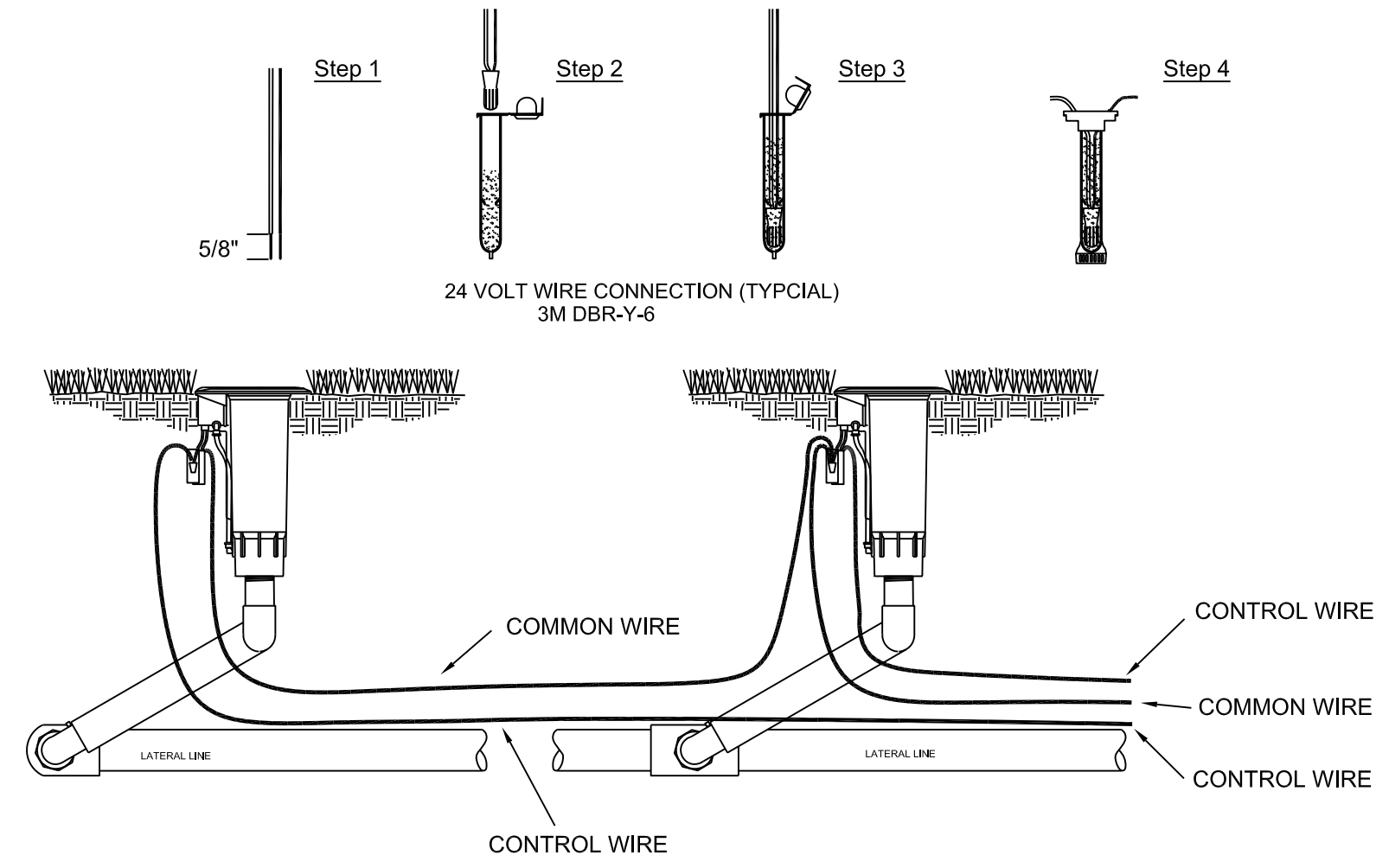
Campus Commons Golf Course

Sacramento California

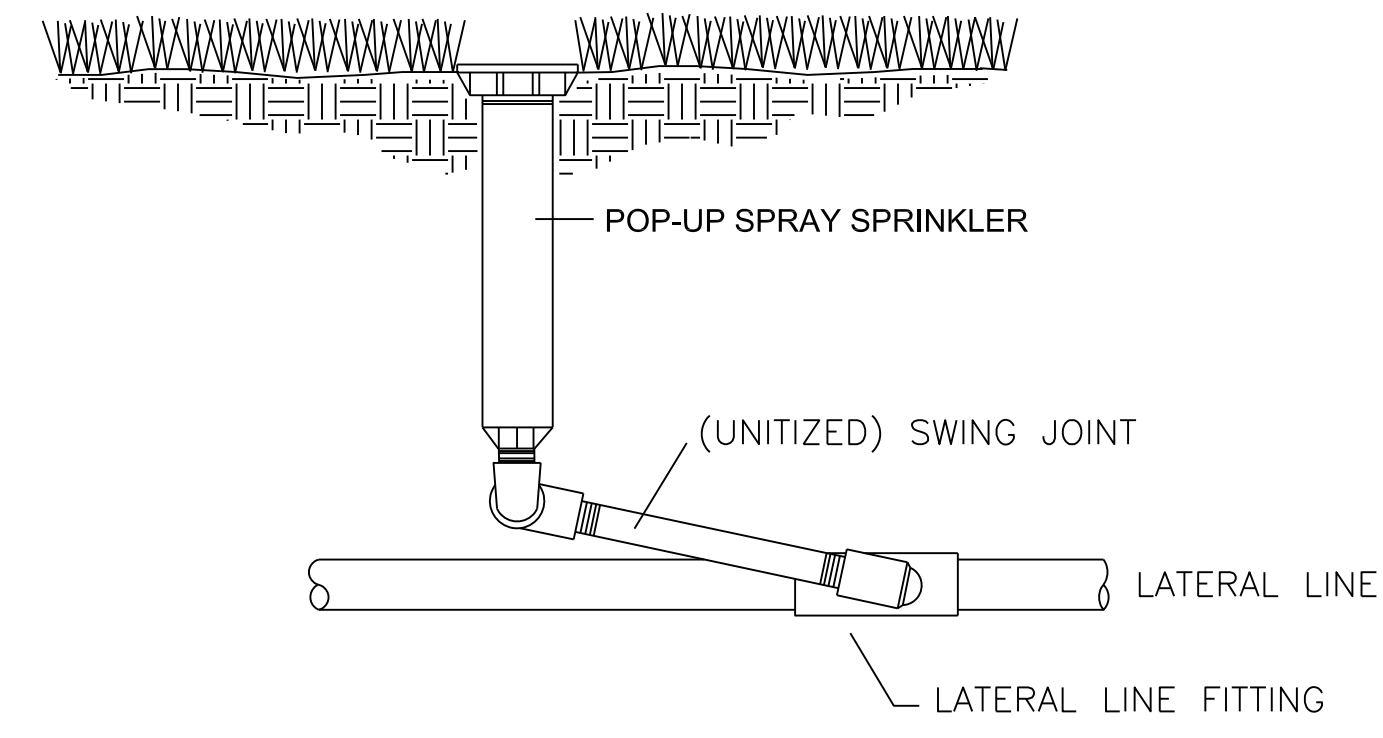
Irrigation Plan Details



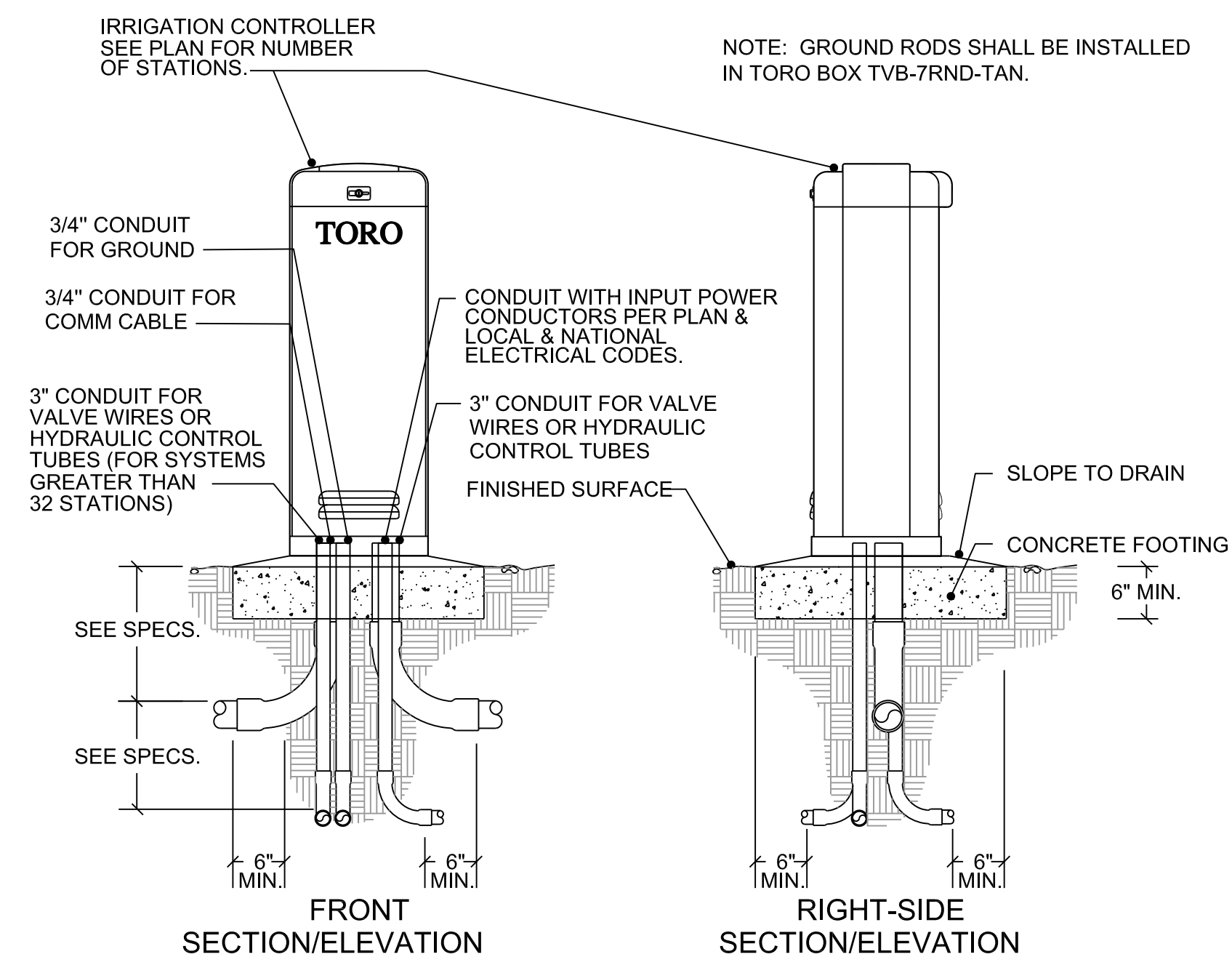
LARGE AREA ROTOR (TORO)



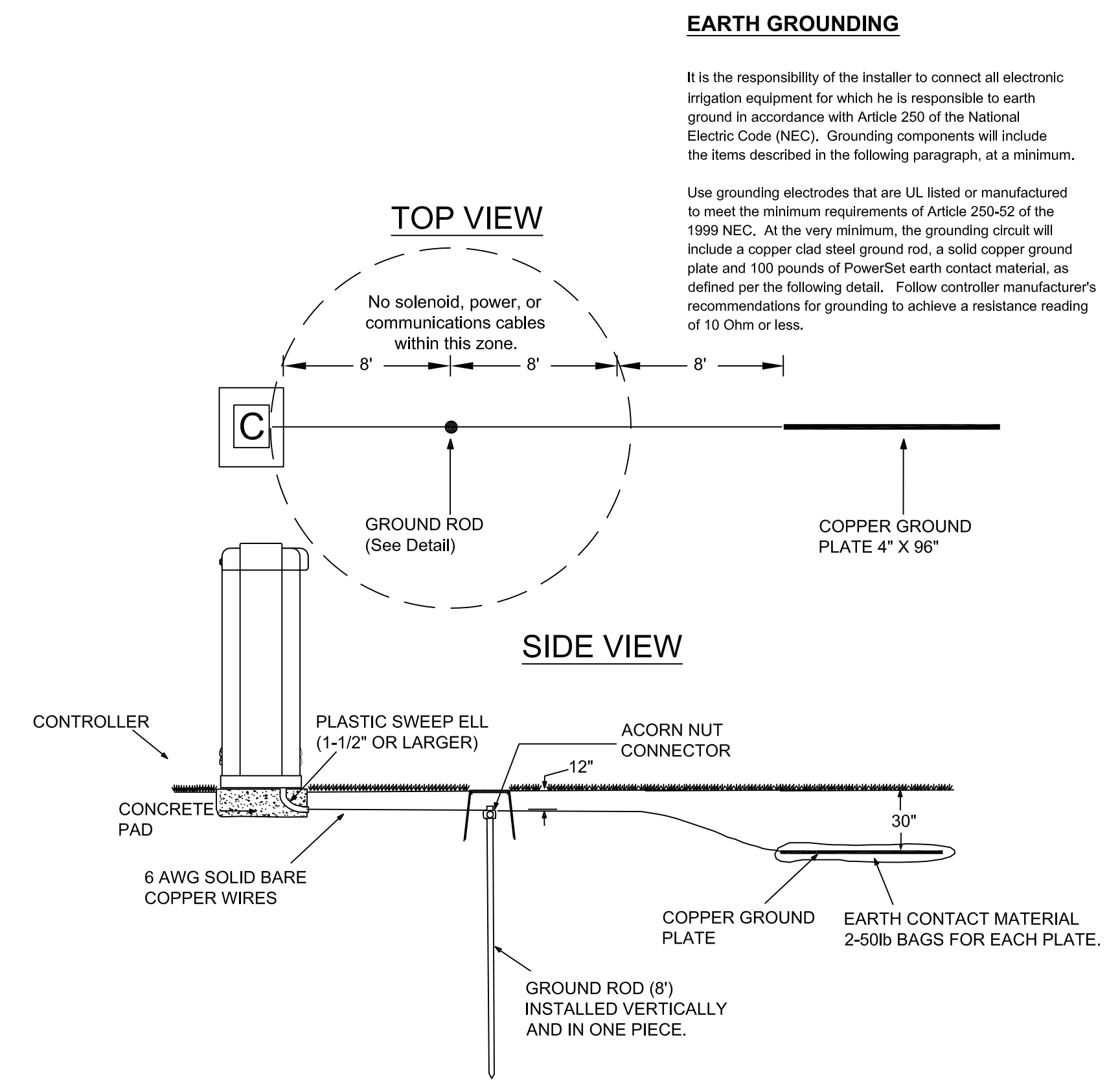
CONTROL WIRE ROUTING (TYPICAL)



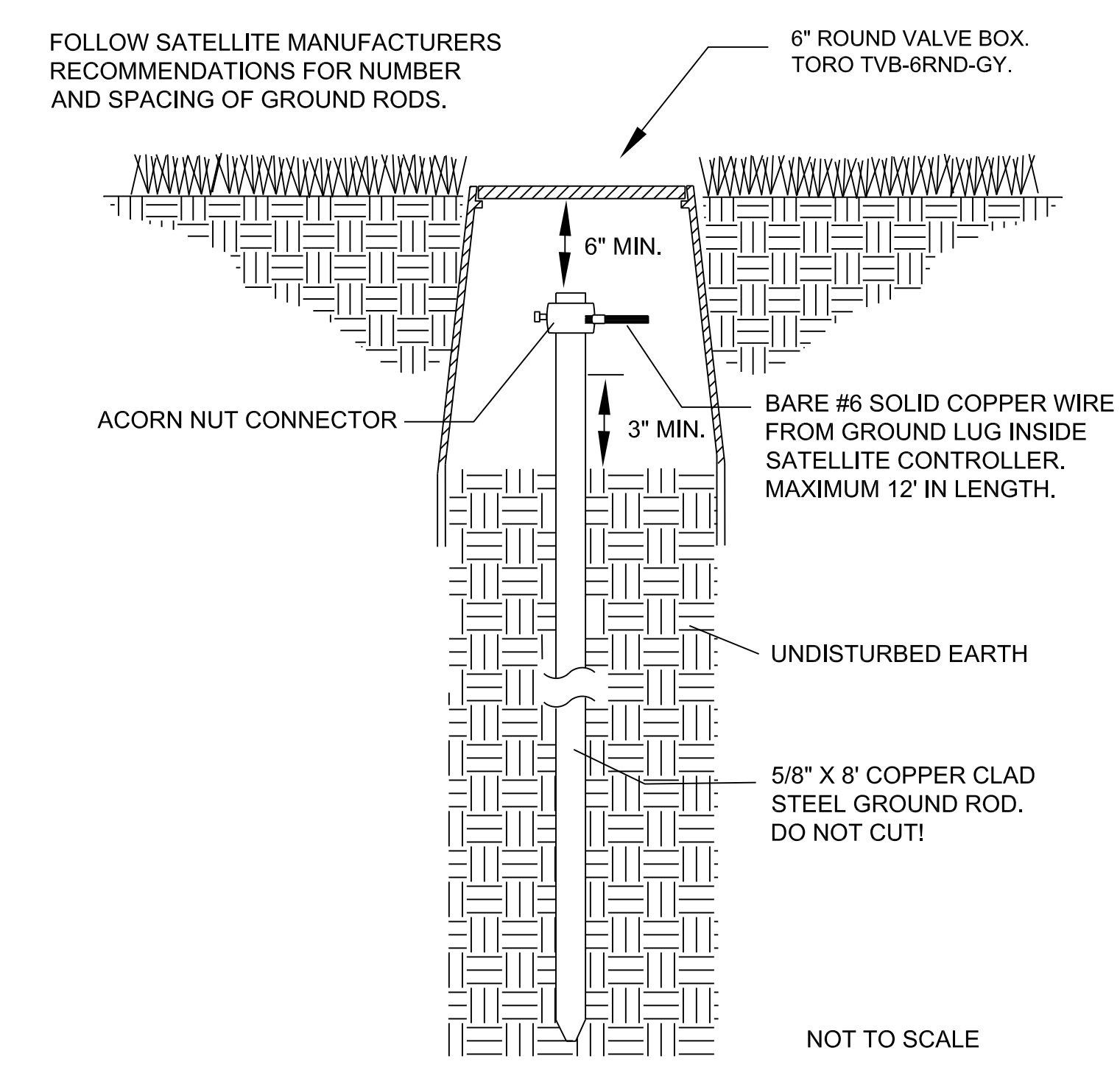
POP-UP SPRAY SPRINKLER



TORO CONTROLLER BASE



TORO RECOMMENDED GROUNDING



GROUNDING ROD

EARTH GROUNDING

It is the responsibility of the installer to connect all electronic irrigation equipment for which he is responsible to earth ground in accordance with Article 250 of the National Electric Code (NEC). Grounding components will include the items described in the following paragraph, at a minimum.

Use grounding electrodes that are UL listed or manufactured to meet the minimum requirements of Article 250-52 of the 1999 NEC. At the very minimum, the grounding circuit will include a copper clad steel ground rod, a solid copper ground plate and 100 pounds of PowerSet earth contact material, as defined per the following detail. Follow controller manufacturer's recommendations for grounding to achieve a resistance reading of 10 Ohm or less.

Client Contact:

Sacramento Area Flood Control Agency (SAFCA)
 1325 J St. Suite 1700
 Sacramento, CA 9514
 916-874-7606

BTG BTG GOLF, LLC
 IRRIGATION DESIGN & CONSULTING

6407 Dulcet Place
 Riverside, CA
 92506

PASCUZZO/PATE
 G O L F D E S I G N

1110 Golden Foothill Parkway
 El Dorado Hills, CA 95762
 (916) 941-8800
 pascuazzo@pate.com

Date: June 11, 2023

Rev: _____

Rev: _____

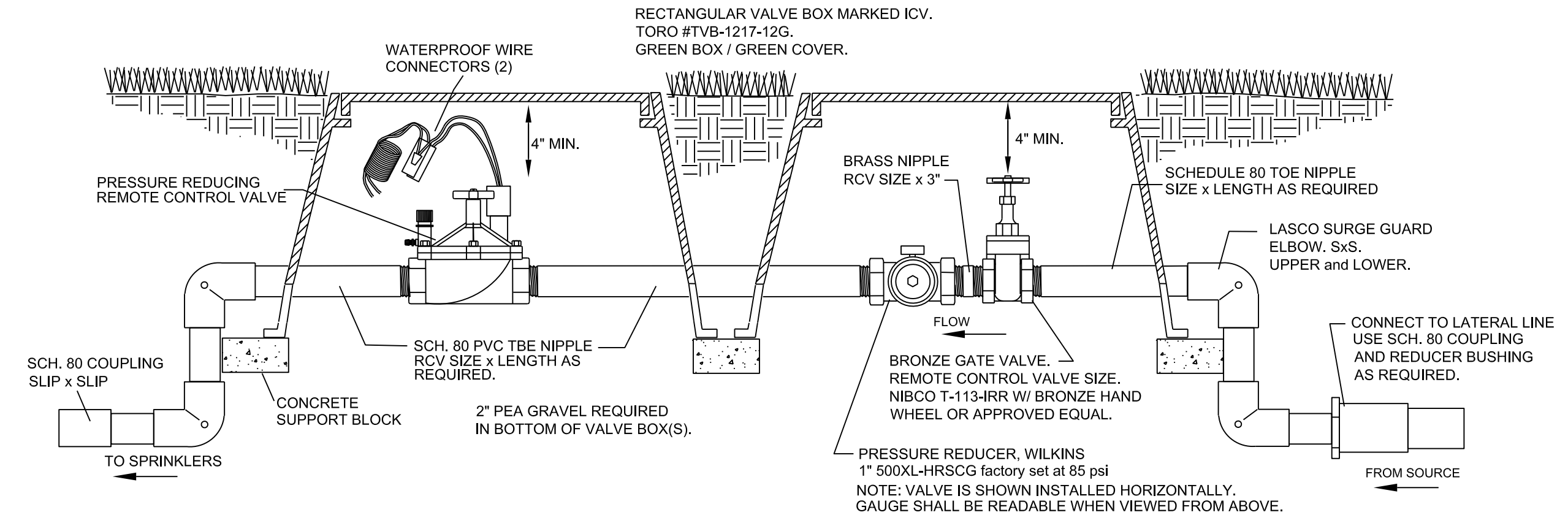
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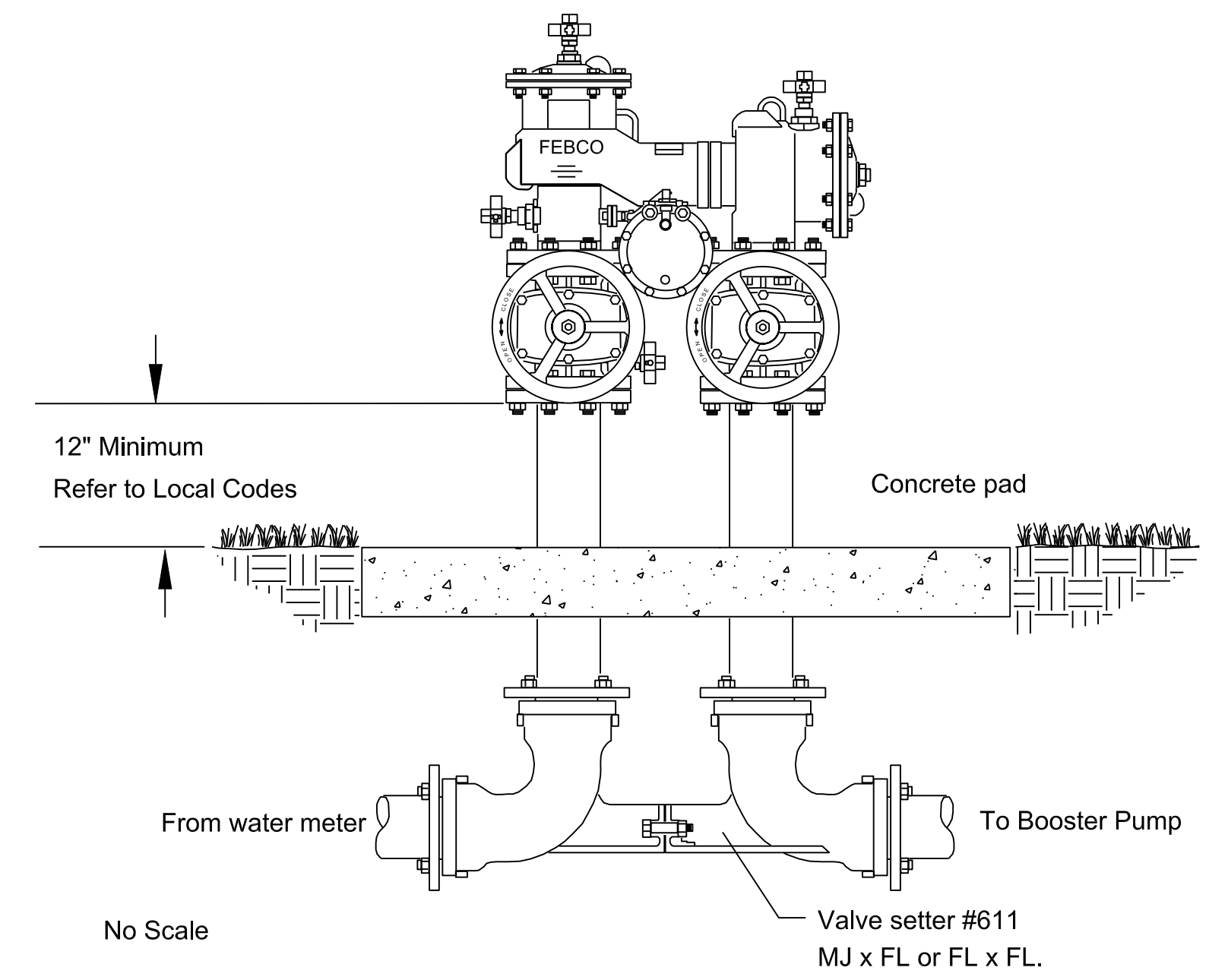
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Campus Commons Golf Course

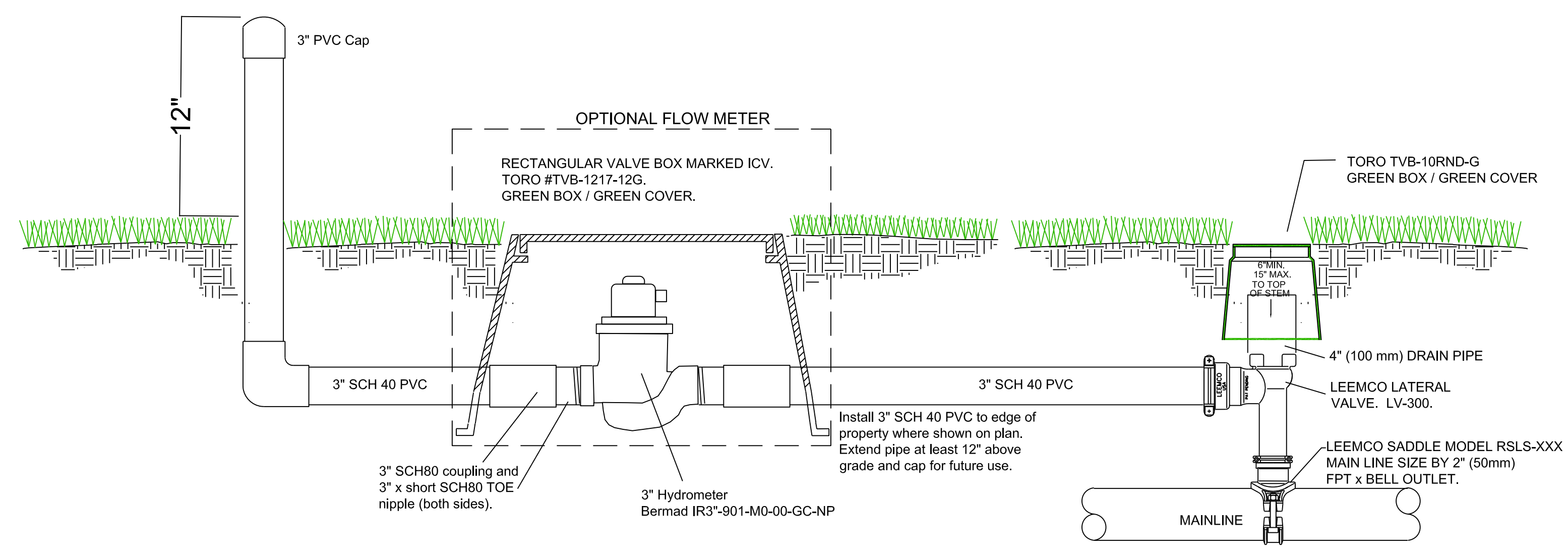
Sacramento California



PRESSURE REDUCING REMOTE CONTROL VALVE WITH PRESSURE REGULATOR



TYPICAL BACKFLOW PREVENTER



LATERAL ISOLATION W/PRESSURE REGULATOR

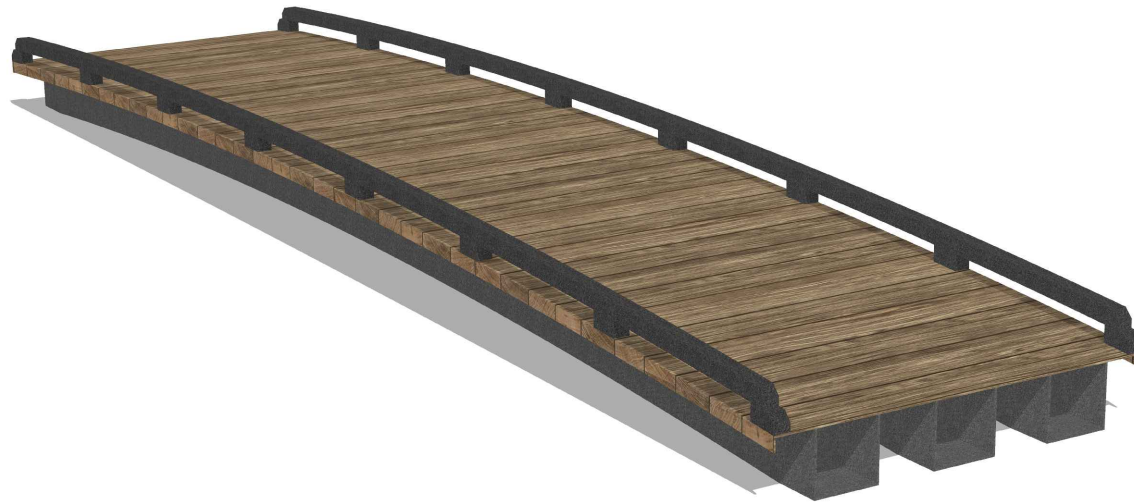
GREENING CONTRACTOR 3\"/>

Irrigation Plan Details

Client Contact:
 Sacramento Area Flood Control Agency (SAFCA)
 1325 J St. Suite 1700
 Sacramento, CA 9514
 916-874-7606



Date: June 11, 2023
 Rev: _____
 Rev: _____
 Rev: _____
 Scale: _____
 Sheet: IR-11



THE WOODY

CAMPUS COMMONS GOLF COURSE - CA

CONTENTS

- E.01 ENGINEERING: BRIDGE DETAILS - 01
- E.02 ENGINEERING: BRIDGE DETAILS - 02
- E.03 ENGINEERING: BRIDGE DETAILS - 03
- E.04 ENGINEERING: BEAM COVER DETAILS
- E.05 ENGINEERING: SAMPLE FOUNDATION OPTIONS
- ~~F.01 FACTORY DETAILS: BRIDGE~~
- ~~F.02 FACTORY DETAILS: CURB~~
- R.01 BRIDGE RENDERING

Item 7



CLIENT

**CAMPUS COMMONS
GOLF COURSE**

SITE

2 Cadillac Dr,
Sacramento, CA 95825

LOCATION ON SITE

SPECIFICATION

TYPE	WOODY
SIZE	8' X 35'
FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

ISSUE #

01 PRELIMINARY ENGINEERING

DRAWING

TITLE PAGE

DATE	21 APR. 2023	SHEET #
SCALE	N/A	E.00
DRAWN BY	CLC	
FILE #	23-073-TP1-8X35WC	

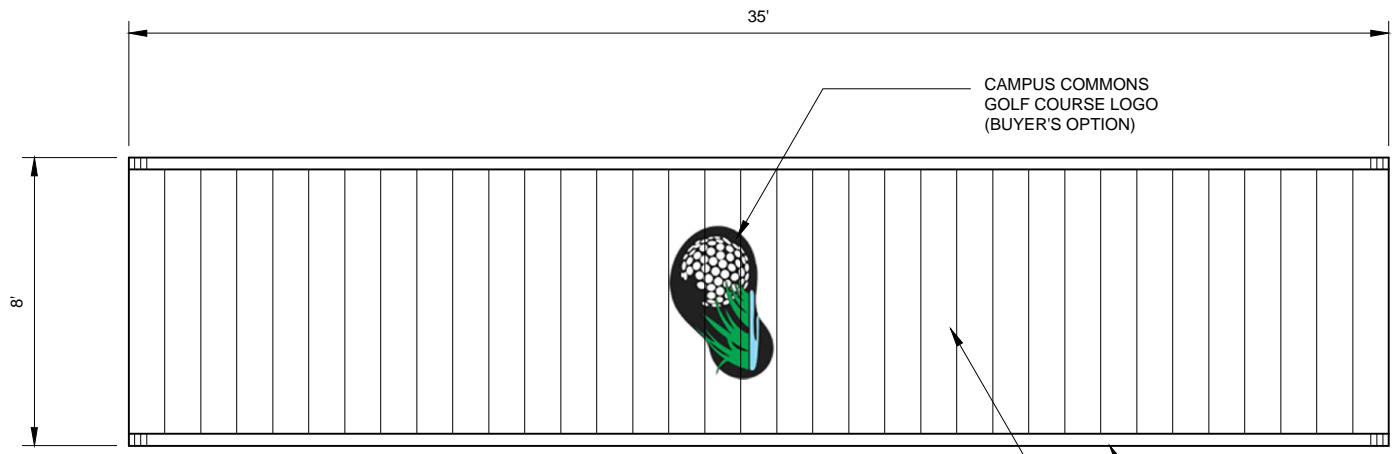


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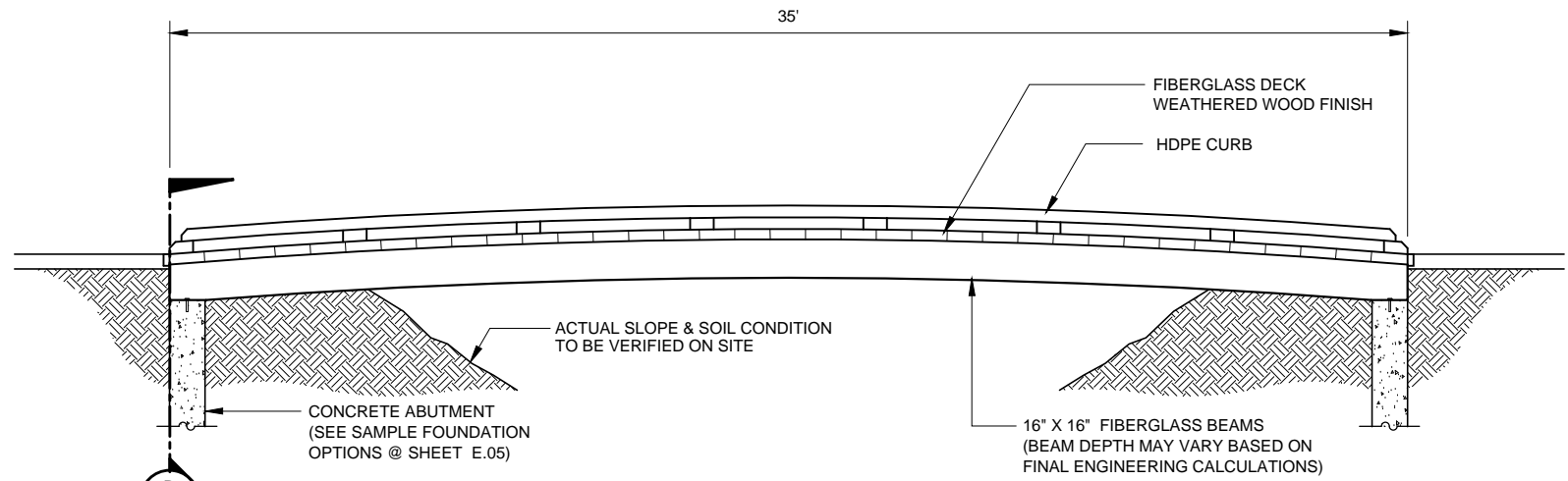
PO BOX 235, 11-300 EARL GREY DRIVE,
KANATA, ON K2T 1C1

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PHONE: 1-888-444-0277

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A PLAN
SCALE: 1' - 3 / 16"



B SIDE ELEVATION
SCALE: 1' - 3 / 16"



CLIENT
CAMPUS COMMONS GOLF COURSE

SITE
2 Cadillac Dr,
Sacramento, CA 95825

LOCATION ON SITE

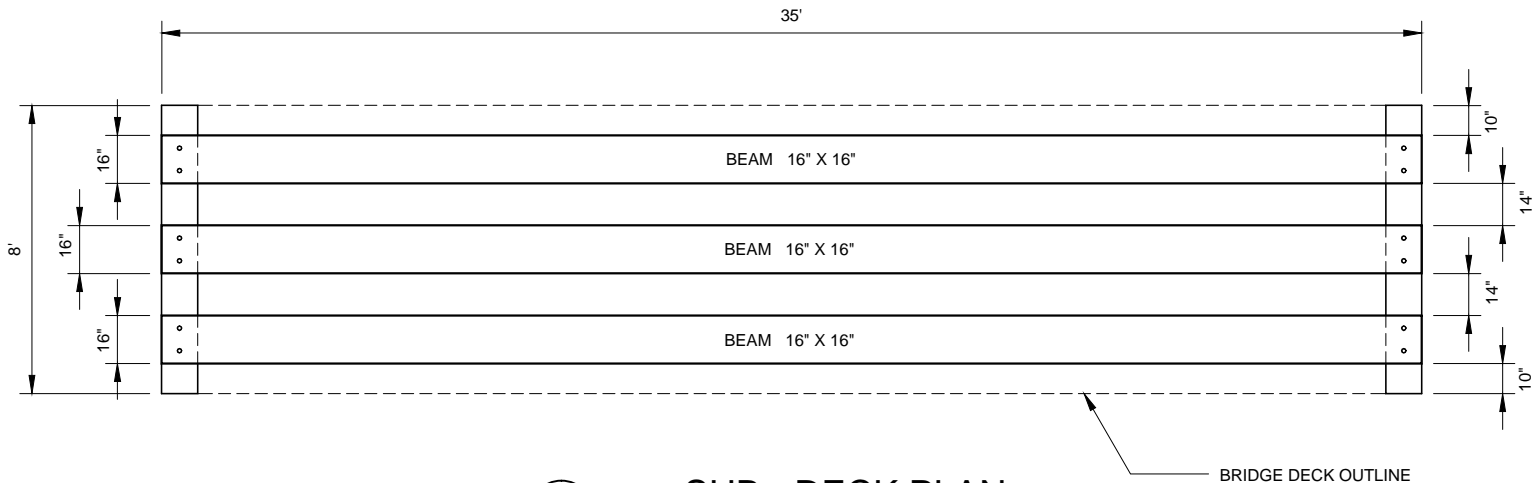
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SIZE	8' X 35'
FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

ISSUE #	01	PRELIMINARY ENGINEERING
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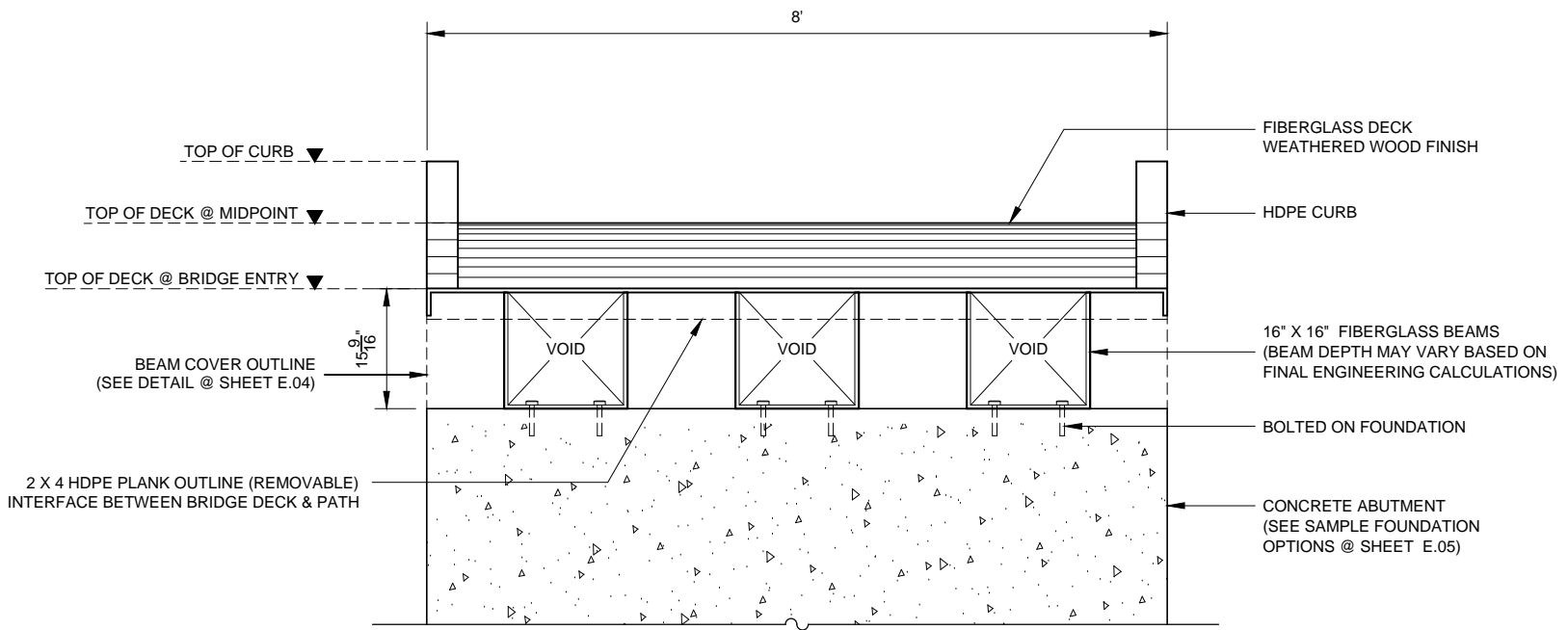
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DRAWN BY	CLC	
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A SUB - DECK PLAN
SCALE: 1' - 3/16"



B SECTION
SCALE: 1' - 1/2"

Item 7



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CAMPUS COMMONS GOLF COURSE

SITE
2 Cadillac Dr,
Sacramento, CA 95825

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FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

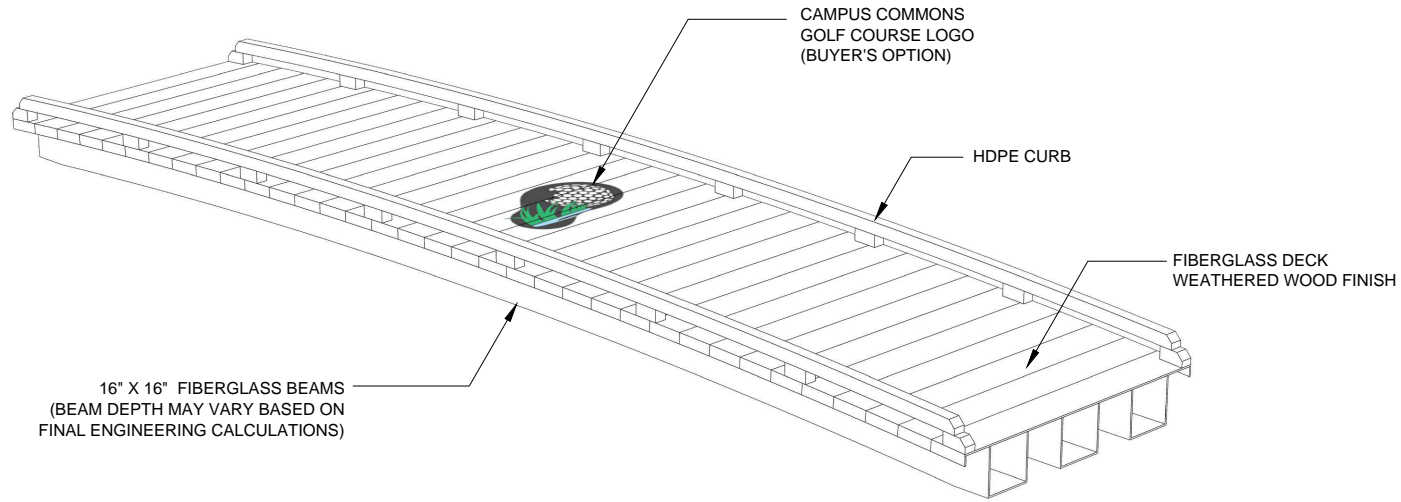
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FILE #	23-073-TP1-8X35WC	



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A ISOMETRIC VIEW
SCALE: NTS



B MATERIAL FINISH (DECK)
SCALE: NTS

Item 7



CLIENT
**CAMPUS COMMONS
GOLF COURSE**

SITE
2 Cadillac Dr,
Sacramento, CA 95825

LOCATION ON SITE

SPECIFICATION	
TYPE	WOODY
SIZE	8' X 35'
FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

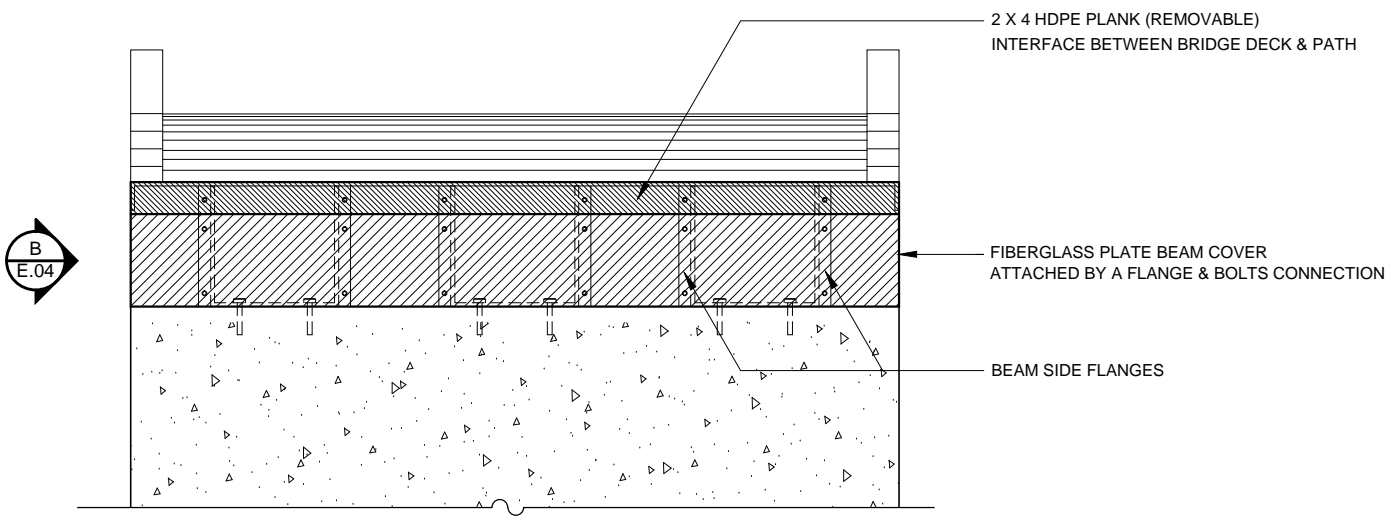
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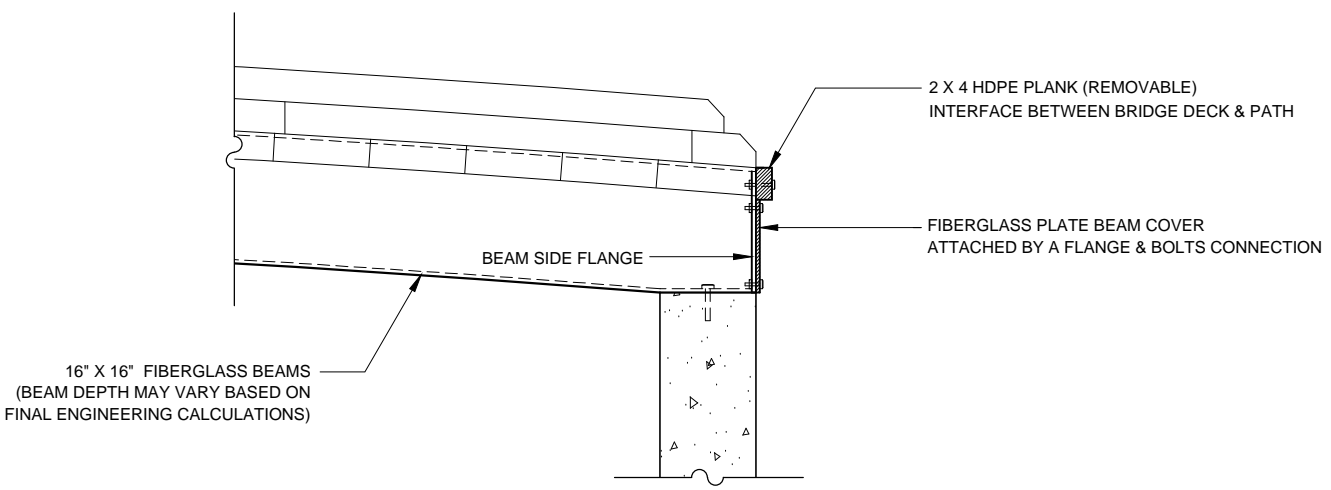
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A REAR ELEVATION
SCALE: 1' - 1/2"



B SIDE ELEVATION
SCALE: 1' - 1/2"

***NOTES:**
FIBERGLASS PLATE BEAM COVERS ARE ATTACHED TO BEAMS AFTER BEAMS ARE COMPLETELY SECURED TO THE FOUNDATIONS.



CLIENT
CAMPUS COMMONS GOLF COURSE

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2 Cadillac Dr,
Sacramento, CA 95825

LOCATION ON SITE

SPECIFICATION	
TYPE	WOODY
SIZE	8' X 35'
FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

ISSUE #	01	PRELIMINARY ENGINEERING
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BEAM COVER DETAIL**

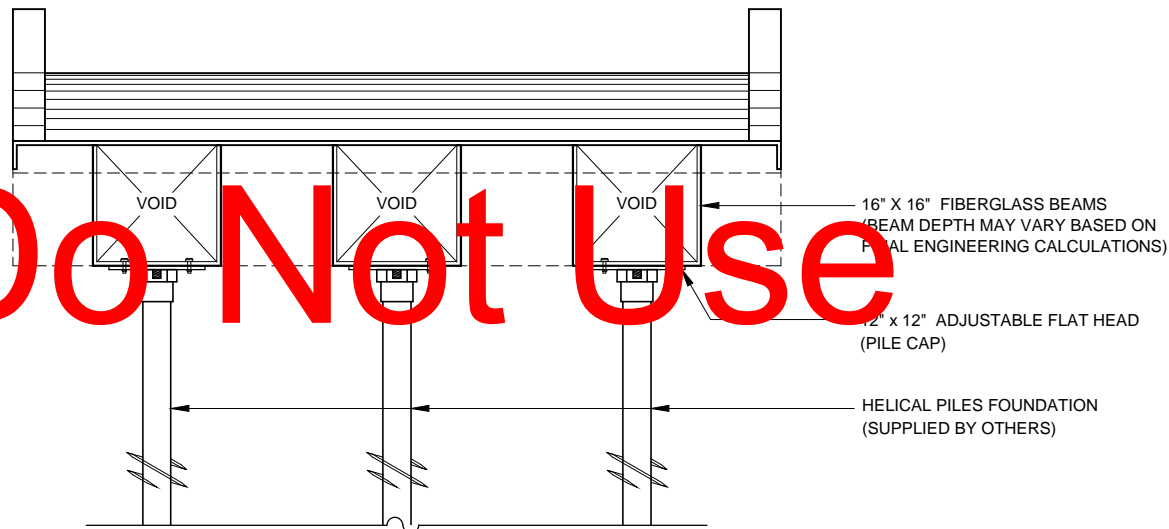
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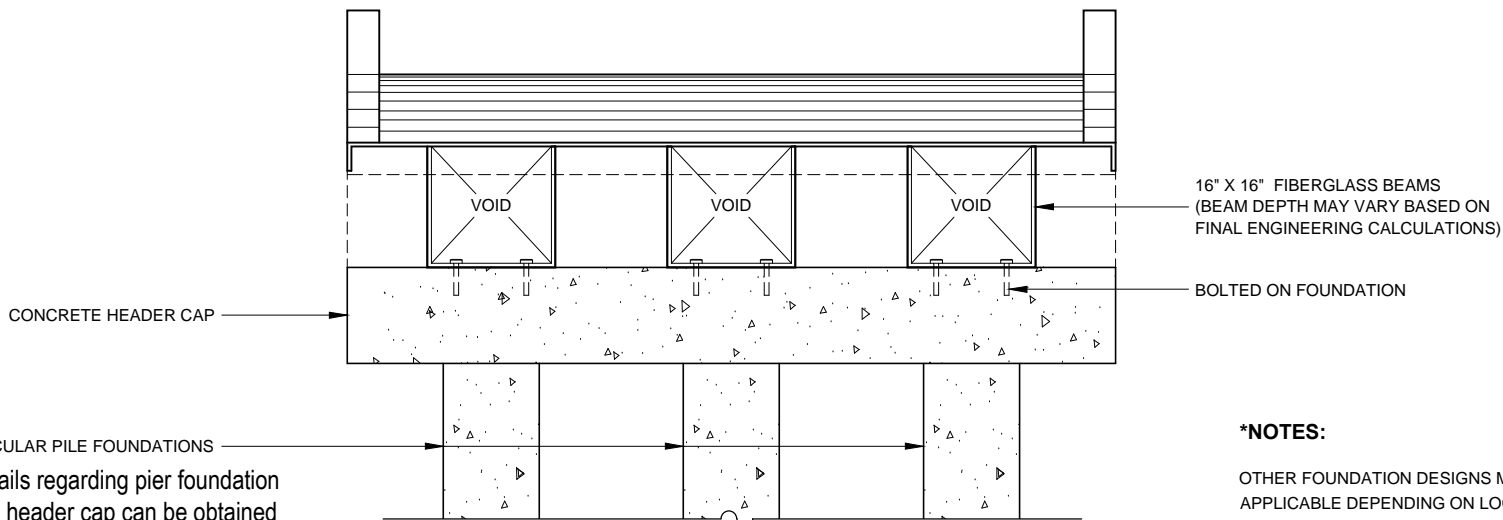
Page 31



Do Not Use



A FOUNDATION DETAIL (W/ HELICAL PILES)
SCALE: 1' - 1/2"



CIRCULAR PILE FOUNDATIONS
Details regarding pier foundation and header cap can be obtained from Links Bridges.

B FOUNDATION DETAIL (W/ PIERS)
SCALE: 1' - 1/2"

***NOTES:**
OTHER FOUNDATION DESIGNS MAY BE APPLICABLE DEPENDING ON LOCAL GEOTECHNICAL (SOILS) CONDITIONS AND BRIDGE LOADING REQUIREMENTS.

LINKS BRIDGES WILL WORK WITH YOU TO FIND MOST COST-EFFECTIVE ALTERNATIVE TO HELP MINIMIZE PROJECT COSTS.

CLIENT
CAMPUS COMMONS GOLF COURSE

SITE
2 Cadillac Dr,
Sacramento, CA 95825

LOCATION ON SITE

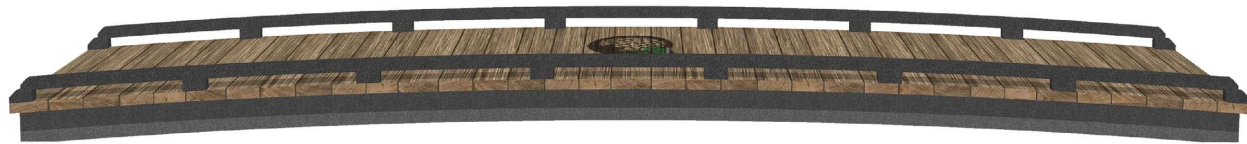
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TYPE	WOODY
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FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

ISSUE #	01 PRELIMINARY ENGINEERING
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DRAWING
**ENGINEERING:
SAMPLE FOUNDATION
OPTIONS**

DATE	21 APR. 2023	SHEET #	
SCALE	1'-0" - 1/2"	E.05	
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FILE #	23-073-TP1-8X35WC		

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A BRIDGE RENDERING

SCALE: NTS

***NOTE:**

BUYER'S OPTION FOR LOGO ON BRIDGE DECK

Item 7



CLIENT

**CAMPUS COMMONS
GOLF COURSE**

SITE

2 Cadillac Dr,
Sacramento, CA 95825

LOCATION ON SITE

SPECIFICATION

TYPE	WOODY
SIZE	8' X 35'
FINISH	WEATHERED WOOD
GUARD RAIL	CURB
ULL	--
VLL	10,000 LBS

ISSUE #

01 PRELIMINARY ENGINEERING

DRAWING

BRIDGE RENDERING

DATE	21 APR. 2023	SHEET #
SCALE	NTS	R.01
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FILE #	23-073-TP1-8X35WC	



1 SE OCEAN BLVD., STUART, FL 34994 USA

PO BOX 235, 11-300 EARL GREY DRIVE,
KANATA, ON K2T 1C1

PHONE: 1-888-444-0277

EMAIL: INFO@LINKSBRIDGES.COM
WWW.LINKSBRIDGES.COM

General Manager's Meeting Summary

June 2023

6/8: USACE Public Law 84-99 Presentation. I met with participants of a national U.S. Army Corps of Engineers training session on PL 84-99 levee repair and response. I briefed the group on the role of ARFCD in the State-Federal levee system and our unique challenges being an urban levee agency.

6/9: American River Flood Control District Board of Trustees meeting. The Board met in regular session. The agenda item consisted of the 2023-24 Staff Salary and Benefits Adjustments.

6/20: USACE Contract 4A 65% Review Kick-off meeting. I met with staff and consultants from the USACE, DWR and SAFCA to discuss the 65% design for erosion remediation to be constructed on the north bank of the American River at Highway 160.

6/21: Central Valley Flood Control Association Board of Directors meeting. I attended this meeting to discuss regional levee operations and maintenance topics. Items of discussion included the status of State legislation, the State Infrastructure and Climate Resiliency Bonds, and DWR grant funding.

6/27: By-District Elections meeting. The Public Outreach Committee, Legal Counsel Smith, Office Manager Chapman and I met with Fabian Valdez from Redistricting Insights to discuss the plan for District election zone mapping. Items of discussion included the timeline for the effort and production of a flyer.

6/28: SAFCA Erosion Real Estate meeting. I met with staff from DWR and SAFCA to discuss the real estate needs for soon to be constructed bank protection features and on-site mitigation along the American River.