

Notice of Regular Meeting Oceano Community Services District - Board of Directors Agenda WEDNESDAY, AUGUST 9, 2023 – 6:00 P.M.

Oceano Community Services District Board Room 1655 Front Street Oceano, CA

All items on the agenda including information items, may be deliberated. Any member of the public with an interest in one of these items should review the background material and request information on the possible action that could be taken.

All persons desiring to speak during any Public Comment period are asked to fill out a "Board Appearance Form" to submit to the Board Secretary prior to the start of the meeting. Each individual speaker is limited to a presentation time of THREE (3) minutes per item. Persons wishing to speak on more than one item shall limit their remarks to a total of SIX (6) minutes. This time may be allowed between items in one-minute increments up to three minutes. Time limits may not be yielded to or shared with other speakers.

- 1. CALL TO ORDER
- 2. ROLL CALL
- 3. FLAG SALUTE
- 4. AGENDA REVIEW

5. PUBLIC COMMENT ON MATTERS NOT ON THE AGENDA

This public comment period provides an opportunity for members of the public to address the Board on matters of interest within the jurisdiction of the District that are not listed on the agenda. If a member of the public wishes to speak at this time, Public comment is limited to three (3) minutes.

6. SPECIAL PRESENTATIONS & REPORTS:

A. STAFF REPORTS:

- i. Sheriff's South Station Commander Keith Scott
- ii. FCFA Operations Chief Steve Lieberman
- iii. Operations Utility System Manager Tony Marraccino
- iv. OCSD General Manager Will Clemens

B. BOARD OF DIRECTORS AND OUTSIDE COMMITTEE REPORTS:

- i. President Villa
- ii. Vice President Gibson
- iii. Director Austin
- iv. Director Joyce-Suneson
- v. Director Varni

C. PUBLIC COMMENT ON SPECIAL PRESENTATIONS AND REPORTS:

This public comment period provides an opportunity for members of the public to address the Board on matters discussed during Special Presentations and Reports. If a member of the public wishes to speak at this time, Public comment is limited to three (3) minutes.

7. CONSENT AGENDA ITEMS:

Public comment Members of the public wishing to speak on consent agenda items may do so when recognized by the Presiding Officer. If a member of the public wishes to speak at this time, Public comment is limited to three (3) minutes.

- A. Review the of Minutes for the Regular Meeting held on July 12, 2023
- **B.** Review the of Minutes for the Special Meeting held on July 26, 2023

- C. Review of Cash Disbursements
- **D.** Consideration of Approving an Amendment to the Contract with Rincon Consultants, Inc. in the amount of \$30,773 for the Water System Improvement Projects
- **E.** Adoption of Plans and Specifications and Authorization of Advertisement for Construction Bids for Phase 1 of the Stormwater Capture and Groundwater Recharge Project (Contract No. 2023-01)

8. BUSINESS ITEMS:

Public comment Members of the public wishing to speak on business items may do so when recognized by the Presiding Officer. If a member of the public wishes to speak at this time, Public comment is limited to three (3) minutes.

- **A.** Consideration of Authorizing the General Manager and Board Members to Speak for District before the Board of Supervisors and Approval of a Letter Regarding Fire Protection Services
- B. Discussion and consideration of changes to board self governance and interactions with staff

9. HEARING ITEMS:

Public comment Members of the public wishing to speak on hearing items may do so when recognized by the Presiding Officer. If a member of the public wishes to speak at this time, Public comment is limited to three (3) minutes.

- 10. RECEIVED WRITTEN COMMUNICATIONS: August 2, 2023 Correspondence & August 4, 2023 Correspondence
- 11. LATE RECEIVED WRITTEN COMMUNICATIONS:
- 12. FUTURE AGENDA ITEMS:
- 13. FUTURE HEARING ITEMS: Final FY 2023-24 Budget Hearing August 23, 2023
- 14. CLOSED SESSION:
 - A. Pursuant to Government Code §54957: Performance evaluation General Manager

15. ADJOURNMENT:

This agenda was prepared and posted pursuant to Government Code Section 54954.2. Agenda is posted at the Oceano Community Services District, 1655 Front Street, Oceano, CA. Agenda and reports can be accessed and downloaded from the Oceano Community Services District website at www.oceanocsd.org

ASSISTANCE FOR THE DISABLED If you are disabled in any way and need accommodation to participate in the Board meeting, please call the Clerk of the Board at (805) 481-6730 for assistance at least three (3) working days prior to the meeting so necessary arrangements can be made.



Summary Minutes

Regular Meeting Wednesday, July 12, 2023 – 6:00 P.M. Location: OCSD BOARD ROOM

- 1. CALL TO ORDER: Called at approximately 6:00 p.m. by President Villa
- **2. ROLL CALL:** Board members present: President Villa, Vice President Gibson, Director Austin, Director Joyce-Suneson and Director Varni.

Staff present: Will Clemens, General Manager, Carey Casciola, Business & Accounting Manager and Chase Martin, Legal Counsel.

- 3. FLAG SALUTE: Led by Cub Scout Pack 13
- **4. AGENDA REVIEW:** Agenda accepted as presented with a motion by Director Austin with a second from Vice President Gibson.

5. PUBLIC COMMENT ON MATTERS NOT ON THE AGENDA:

Kerry Langford	Requested more public information from the parks and recreation committee.
April Dury	Provided comment regarding meeting decorum and parks and recreation.
Julie Tacker	Provided comment on the Central Coast Blue project.

6. SPECIAL PRESENTATIONS & REPORTS

A. STAFF REPORTS:

- i. Sheriff's South Station Commander Keith Scott Absent
- ii. Five Cities Fire Authority Steve Lieberman, Fire Chief Absent
- iii. Operations Utility Systems Manager Tony Marraccino

Lopez is 99.35% full (49,131 AF); Received 53 AF from Lopez; 0 State Water and Pumped .05 AF for water quality.

Completed: Weekly and monthly samples; first of the month equipment runs, year-end inventory, paving at 2300 Cienaga and recycled concrete and asphalt.

11 work orders / 3 USAs / 9 Customer Service Calls / 5 After Hours Calls / 3 Ready311 Tickets Continuing with hydrant maintenance and meter replacement.

Put up fireworks signs at key locations in Oceano.

iv. OCSD General Manager - Will Clemens

Pet Wellness Clinic at the District office on Sunday, August 6, 2023.

Received the encroachment permit for Phase I of the stormwater capture project at the Oceano elementary school. It will go to bid in August and construction will likely take place in November and December when there are fewer school days.

July 26, 2023, Board Meeting is canceled.

B. BOARD OF DIRECTORS AND OUTSIDE COMMITTEE REPORTS:

- i. President Villa Reported on a meeting with Turn on Green regarding charging stations.
- ii. Vice President Gibson None
- iii. Director Austin None
- iv. Director Joyce-Suneson Reported on a CSDA course for Board members and the Annual Meeting in August.
- v. **Director Varni** Reported on the Safe Routes to School committee, SLOCOG and County Public Works.

C. PUBLIC COMMENT ON SPECIAL PRESENTATIONS AND REPORTS:

Kerry Langford	Requested clarification on the canceled board meeting.		
Julie Tacker	Provided comments on Board of Directors and Outside Committee reports and		
	provided comments regarding the stormwater project.		
Kerry Langford	In support of working with the county for the construction of sidewalks.		
April Dury	Provided comment on the Pet Wellness Clinic and the CSDA website.		
Gina McMahon	Provided comment on Board members and public comment decorum.		

7. 0	CONSENT AGENDA:	ACTION:		
a)	Review the of Minutes for the Regular Meeting held	After an opportunity for public comment, Board and staff		
	on June 28, 2023	discussion, Director Varni made a motion to approve the		
b)	Review of Cash Disbursements	consent agenda with a second from President Villa a 5-0 roll call vote.		
c)	Consideration of Letters of Intent to Consolidate with	Toli cali vole.		
	the Halcyon and KenMar Gardens Water Systems	Public Comment:		
		April Dury – Requested that Director stipend forms be		
		turned in on a timely basis.		
		Julie Tacker – Provided comment regarding Director		
		stipend forms and reports.		

8A. BUSINESS ITEMS:	ACTION:		
Discussion of a possible Water Sale to the City of Arroyo Grande and provide Board direction as deemed appropriate	After an opportunity for public comment, Board and staff discussion, Vice President Gibson made a motion to nominate Vice President Gibson to speak to Caren Ray, Mayor, City of Arroyo Grande about potential sale of water to Arroyo Grande with a second from Director Austin a 5-0 roll call vote.		
	Public Comment: Julie Tacker – In support of appointing a Board Member to contact City of Arroyo Grande for further discussions. Kerry Langford – Provided comment on water wheeling. Karen White – Commented on water sales and the prohibition of permanent water sales.		

9A. HEARING ITEMS:	ACTION:
Public hearing for consideration of a recommendation to approve a resolution to collect delinquent customer accounts on the 2023-24 property tax bills	After an opportunity for public comment, Board and staff discussion, Director Austin made a motion to approve the resolution as presented with a second from Director Varni and a 5-0 roll call vote.
	Public Comment: None

10. RECEIVED WRITTEN COMMUNICATIONS: None

11. LATE RECEIVED WRITTEN COMMUNICATIONS: None.

12. FUTURE AGENDA ITEMS:

Boys and Girls Club use of the District's hours at the Oceano Community Center Scheduling of the OPARC budget for the 8/9/2023 Board Meeting

Divestiture of the Parks and Recreation powers

Request a presentation from the County Dept. of Public Works regarding the Pier Ave. plan.

PUBLIC COMMENT ON FUTURE AGENDA ITEMS:

1 ODEIO OCIMINIENT CITTOTIC ACENDATTENIO:			
Julie Tacker	Provided comment on a parks and recreation budget		

13. FUTURE HEARING ITEMS: Budget Hearing is scheduled for August 23, 2023.

14. CLOSED SESSION ITEMS:

PUBLIC COMMENT ON CLOSED SESSION ITEMS:

Julie Tacker	Requested a status report for Item 14A. Provided comment on a performance evaluation of the General Manager.
April Dury	Provided comment on a performance evaluation of the General Manager.
Kerry Langford	Provided comment on a performance evaluation of the General Manager.

President Villa made a motion to adjourn to closed session approximately at 7:35p.m. with a second from Director Joyce-Suneson and a 5-0 roll call vote.

- **A.** Pursuant to Government Code 54956.9(a): Conference with legal counsel regarding Santa Maria Valley Water Conservation District v. City of Santa Maria, et al.,
- B. Pursuant to Government Code §54957: Performance evaluation General Manager

Board returned from closed session approximately at 8:50p.m. No Reportable Action out of closed session.

15. ADJOURNMENT: Approximately at 8:52 p.m.



Summary Minutes
Special Meeting Wednesday, July 26, 2023 – 6:00 P.M.
Location: OCSD BOARD ROOM

- 1. CALL TO ORDER: Called to order at approximately 6:00 p.m. by President Villa.
- 2. ROLL CALL:

Board members present: President Villa, Vice President Gibson, Director Varni, Director Austin and Director Joyce-Suneson.

Staff present: Nicole Miller, Account Administrator III and Chase Martin, Legal Counsel.

- 3. FLAG SALUTE: Led by President Villa
- 4. PUBLIC COMMENT FOR ITEMS ON THE AGENDA:

Julie Tacker	Asked a procedural question regarding public comment.

5. CLOSED SESSION: None

6A. BUSINESS ITEMS:	ACTION:
Consideration of Parks and Recreation budget item.	After an opportunity for public comment and Board discussion, Director Varni made a motion to direct staff to amend the preliminary budget to include \$19,500 from the General Fund for Parks and Recreation with a second from President Villa and a 3-2 roll call vote. Dissented: Vice President Gibson and Director Austin.
	Public Comment: Karen White: In opposition to a Parks and Recreation
	budget item at this time. Kerry Langford: In opposition to a Parks and Recreation budget item at this time and the special meeting. Pam Spicer: In opposition to a Parks and Recreation budget item at this time.
	Ray Monson: In support of a Parks and Recreation budget item.
	Jennifer Rokes: In opposition to a Parks and Recreation budget item at this time. In opposition to this agenda item having been a Special Meeting.
	Julie Tacker: In support of a Parks and Recreation budget item.
	April Dury: In opposition to the regular meeting being cancelled.
	Gina McMahon: Requested audience members be ejected from the meeting due to harassment of attendees and disrupting the meeting.

6B. BUSINESS ITEM:	ACTION:
Consideration of the exercise or divestiture of the District's Parks and Recreation power.	After an opportunity for public comment and Board discussion, Director Austin made a motion for divestiture of the District's Parks and Recreation power with a second from Vice President Gibson a 2-3 roll call vote. Dissented: Director Varni, Director Joyce-Suneson and President Villa.
	Public Comment: Bonnie Ernst: In support of Parks and Recreation. Karen White: In support of divestiture from Parks and Recreation and an independent commission. Kerry Langford: Posed a question about grants for Parks and Recreation. Julie Tacker: In support of Parks and Recreation. Gina McMahon: In opposition to this Special Meeting as this item was previously addressed and concluded. April Dury: Provided comment not related to this item.

6C. BUSINESS ITEM:	ACTION:
Consideration of approval for the Boys and Girls Club of South San Luis Obispo County	No Action Taken
to utilize up to 10 hours of the District's	Public Comment:
Community Center hours per month.	Karen White: Noted that advisory committees cannot make decisions regarding building use.
	Julie Tacker: In opposition to allotting all 10 hours to one agency.
	Lucia Casalinuovo: In opposition to allotting all 10 hours to one agency.
	April Dury: Indicated no opinion on the matter and requested more information.

7. ADJOURNMENT: Approximately 7:42 p.m.



1655 Front Street, P.O. Box 599, Oceano, CA 93475

PHONE(805) 481-6730 FAX (805) 481-6836

Date: August 9, 2023

To: Board of Directors

From: Carey Casciola, Business and Accounting Manager

Subject: Agenda Item #7(C): Recommendation to Review Cash Disbursements

Recommendation

It is recommended that your board review the attached cash disbursements:

Discussion

The following is a summary of the attached cash disbursements:

Description	Check Sequence	Amounts
	60341 - 60387	
<u>Disbursements</u> :		
Regular Payable Register - paid 7/13/2023	60341 - 60348	\$ 90,683.18
Regular Payable Register - paid 8/03/2023	60360 - 60387	\$ 58,558.58
Subtotal:		\$ 149,241.76
Reoccurring Payments for Board Review (authorized by Resolution 2020-06):		
Payroll Disbursements - PPE 07/15/2023	N/A	\$ 34,418.94
Payroll Disbursements - PPE 07/29/2023	N/A	\$ 34,713.29
Board Member Stipends - June 2023	N/A	\$ 215.30
Mechanics Bank Visa Online Payment - paid 06/27/2023	N/A	\$ 239.88
Five Star Bank Mastercard Online Payment - paid 07/12/2023	N/A	\$ 798.01
Reoccurring Utility Disbursements - paid 07/13/2023	60349 - 60352	\$ 865.11
Reoccurring Health Disbursements - paid 07/19/2023	60353 - 60355	\$ 11,031.50
Reoccurring Utility Disbursements - paid 08/03/2023	60356 - 60359	\$ 5,309.01
Subtotal:		\$ 87,591.04
Grand Total:		\$ 236,832.80

Other Agency Involvement

N/A

Other Financial Considerations

Amounts are within the authorized Fund level budgets.

Results

The Board's review of cash disbursements is an integral component of the District's system of internal controls and promotes a well governed community.

COMPANY: 99 - POOLE ACCOUNT: 1-1001-000 TYPE: All STATUS: All FOLIO: All	PE: All ATUS: All			CHECK DATE: 0/00/0000 THRU 99/99/9999 CLEAR DATE: 0/00/0000 THRU 99/99/9999 STATEMENT: 0/00/0000 THRU 99/99/9999 VOIDED DATE: 0/00/0000 THRU 99/99/9999 AMOUNT: 0.00 THRU 999,999,999.99 CHECK NUMBER: 060341 THRU 060348				
ACCOUNT	DATETYPE	NUMBER	DESCRIPTION	AMOUNT	STATUS FOL	JO CLEAR DATE		
CHECK: -	7/13/2023 CHECK	 060341 ARAM	MA DIZ	102 5200	OUTSTND	 A		
1-1001-000	//13/2023 CRECK	U0U341 ARAM	AARI	102.52CR	OOISIND			
1-1001-000	7/13/2023 CHECK	060342 BURD	DINE PRINTING	1,748.95CR	OUTSTND	A 0/00/0000 U/B ENVELOPES		
1-1001-000	7/13/2023 CHECK	060343 CANN	NON	16,451.51CR	OUTSTND	a 0/00/0000 CIP-PROP1 SWGP		
1-1001-000	7/13/2023 CHECK	060344 FIRS	ST FOUNDATION BANK	68,019.58CR	OUTSTND	A 0/00/0000 CALPERS UAL PAYMENT		
1-1001-000	7/13/2023 CHECK	060345 GSI	WATER SOLUTIONS, INC.	2,201.64CR	OUTSTND	A 0/00/0000 NCMA 2022 ANNUAL REPORT		
1-1001-000	7/13/2023 CHECK	060346 MINE	ER'S ACE HARDWARE, INC.	37.98CR	OUTSTND	A 0/00/0000 SYSTEM PARTS		
1-1001-000	7/13/2023 CHECK	060347 PRO-	-TECH LANDSCAPE MANAGEMENT,	410.00CR	OUTSTND	A 0/00/0000 LANDSCAPING		
1-1001-000	7/13/2023 CHECK	060348 ZENI	ITH INSURANCE COMPANY	1,711.00CR	OUTSTND	A 0/00/0000 WORKERS COMP INSURANCE		
TOTALS FOR ACCOUNT	1-1001-0	MISC SERV EFT	OSIT TOTAL: EREST TOTAL: CELLANEOUS TOTAL: VICE CHARGE TOTAL:	90,683.18CR 0.00 0.00 0.00 0.00 0.00 0.00				
TOTALS FOR POOLED (CASH FUND	MISC SERV EFT	OSIT TOTAL: EREST TOTAL: CELLANEOUS TOTAL: VICE CHARGE TOTAL:	90,683.18CR 0.00 0.00 0.00 0.00 0.00 0.00				

PAGE: 1

CHECK RECONCILIATION REGISTER

7/13/2023 4:25 PM

8/03/2023 3:47 PM COMPANY: 99 - POOLE ACCOUNT: 1-1001-000 TYPE: All STATUS: All FOLIO: All	D CASH FUND POOLED CASH OPI	ERATING	CHECK RECONCILIATION REGISTER	CHECK DATE: CLEAR DATE: STATEMENT: VOIDED DATE: AMOUNT: CHECK NUMBER:		0/00/0 0/00/0 0/00/0 0.00	PAGE: 1 000 THRU 99/99/9999 000 THRU 99/99/9999 000 THRU 99/99/9999 000 THRU 99/99/9999 THRU 999,999,999.99 360 THRU 060387
ACCOUNT	DATETYPE	NUMBER	DESCRIPTION	AMOUNT	STATUS	FOLIO	CLEAR DATE
CHECK: -							
1-1001-000	8/03/2023 CHECK	060360	ADAMSKI MOROSKI MADDEN CUMBERL	17,212.50CR	OUTSTND) A	0/00/0000 LEGAL SERVICES
1-1001-000	8/03/2023 CHECK	060361	AQUA-METRIC	2,252.18CR	OUTSTND) A	0/00/0000 ANNUAL FEE
1-1001-000	8/03/2023 CHECK	060362	ARAMARK	307.56CR	OUTSTND) A	0/00/0000 UNIFORMS
1-1001-000	8/03/2023 CHECK	060363	ARROYO GRANDE CHEVROLET	845.33CR	OUTSTND) A	0/00/0000 VEHICLE MAINTENANCE
1-1001-000	8/03/2023 CHECK	060364	AWWA	487.00CR	OUTSTND) A	0/00/0000 ANNUAL MEMBERSHIP
1-1001-000	8/03/2023 CHECK	060365	KC PARTNERS CORP DBA B&T SERVI	6,356.00CR	OUTSTND) A	0/00/0000 DIESEL TANK REMOVAL
1-1001-000	8/03/2023 CHECK	060366	BRENT SARKISON DBA CALTEC COMP	30.00CR	OUTSTND) A	0/00/0000 MONTHLY STD BKUP
1-1001-000	8/03/2023 CHECK	060367	CENTRAL COAST TOWING	100.00CR	OUTSTND) A	0/00/0000 VEHICLE TOWING
1-1001-000	8/03/2023 CHECK	060368	CITY OF ARROYO GRANDE	4,093.10CR	OUTSTND) A	0/00/0000 WHEELING SVCS
1-1001-000	8/03/2023 CHECK	060369	CIVICPLUS, LLC	2,295.00CR	OUTSTND) A	0/00/0000 ANNUAL SELF-PUB LICENSE
1-1001-000	8/03/2023 CHECK	060370	CLINICAL LAB OF SAN BERNARDINO	740.00CR	OUTSTND) A	0/00/0000 WATER SAMPLES
1-1001-000	8/03/2023 CHECK	060371	CONTRACTOR'S MAINTENANCE SERVI	1,769.62CR	OUTSTND) A	0/00/0000 EQUIPMENT MAINTENANCE
1-1001-000	8/03/2023 CHECK	060372	DIVERSIFIED PROJECT SERVICES I	525.00CR	OUTSTND) A	0/00/0000 REIMBURSABLE ENGR SVCS
1-1001-000	8/03/2023 CHECK	060373	GATOR CRUSHING & RECYCLING	20.00CR	OUTSTND) A	0/00/0000 ASPHALT RECYCLE
1-1001-000	8/03/2023 CHECK	060374	ICONIX WATERWORKS (US) INC.	5,640.03CR	OUTSTND) A	0/00/0000 CHEMICALS, SYSTEM PARTS
1-1001-000	8/03/2023 CHECK	060375	J.B. DEWAR, INC.	420.30CR	OUTSTND) A	0/00/0000 FUEL
1-1001-000	8/03/2023 CHECK	060376	MCCLATCHY COMPANY LLC	157.06CR	OUTSTND) A	0/00/0000 PUBLIC HEARING NOTICE
1-1001-000	8/03/2023 CHECK	060377	MINER'S ACE HARDWARE, INC.	296.05CR	OUTSTND) A	0/00/0000 SYSTEM PARTS AND SUPPLIES
1-1001-000	8/03/2023 CHECK	060378	MOSS, LEVY & HARTZHEIM	8,290.00CR	OUTSTND) A	0/00/0000 AUDIT SERVICES
1-1001-000	8/03/2023 CHECK	060379	OPTIMIZED INVESTMENT PARTNERS	437.51CR	OUTSTND) A	0/00/0000 PROFESSIONAL SERVICES
1-1001-000	8/03/2023 CHECK	060380	PETTY CASH	8.80CR	OUTSTND) A	0/00/0000 CERT MAIL/RETN RCPT
1-1001-000	8/03/2023 CHECK	060381	QUILL CORPORATION	164.45CR	OUTSTND) A	0/00/0000 OFFICE SUPPLIES

PAGE: 1

CHECK RECONCILIATION REGISTER

8/03/2023 3:47 PM

COMPANY: 99 - POOLE ACCOUNT: 1-1001-000 TYPE: All STATUS: All FOLIO: All) CASH OPE	RATING			CHECK DA CLEAR DA STATEMEN VOIDED D AMOUNT: CHECK NU	TE: T: ATE:	0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999 0/00/0000 THRU 99/99/9999 0.00 THRU 999,999,999.99 060360 THRU 060387			
ACCOUNT	DATE	TYPE	NUMBER	DESCRI	PTION	AMOUNT	STATUS	FOLIO	CLEAR DATE		
CHECK: -	8/03/2023	CHECK	060382	RINCON CONSULTA		1,424.75CR	OUTSTND		0/00/0000 WATERLINE IMP PROJ USDA NEPA		
1-1001-000	8/03/2023			SLO CO PUBLIC H	•	953.90CR	OUTSTND		0/00/0000 BACKFLOW SVCS		
1-1001-000	8/03/2023	CHECK	060384	STATE OF CALIFO	RNIA - DIG SAFE	378.85CR	OUTSTND	A	0/00/0000 ANNUAL PERMIT FEE		
1-1001-000	8/03/2023	CHECK	060385	TNT FIREWORKS		1,500.00CR	OUTSTND	A	0/00/0000 REFUND FIREWORKS DEPOSIT		
1-1001-000	8/03/2023	CHECK	060386	USA NORTH 811		1,066.09CR	OUTSTND	A	0/00/0000 ANNUAL PERMIT FEE		
1-1001-000	8/03/2023	CHECK	060387	WATER SYSTEMS C	ONSULTING, INC.	787.50CR	OUTSTND	A	0/00/0000 NCMA STAFF EXTN SVCS FY 22-23		
TOTALS FOR ACCOUNT	1-1001-0			CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	58,558.58CR 0.00 0.00 0.00 0.00 0.00 0.00					
TOTALS FOR POOLED C	ASH FUND			CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	58,558.58CR 0.00 0.00 0.00 0.00 0.00 0.00					

CHECK RECONCILIATION REGISTER

PAGE: 2

8/03/2023 3:47 PM

Payroll Summary Report Board of Directors - Agenda Date August 9, 2023

	(*)		
Gross Wages	7/1/2023	7/15/2023	7/29/2023
Regular	\$27,649.54	\$29,570.20	\$29,571.77
Overtime Wages	\$653.05	\$419.52	\$754.16
Stand By	\$540.00	\$840.00	\$720.00
Gross Wages	\$28,842.59	\$30,829.72	\$31,045.93
Cell Phone Allowance	\$75.00	\$0.00	\$75.00
Total Wages	\$28,917.59	\$30,829.72	\$31,120.93
<u>Disbursements</u>			
Net Wages	\$22,488.12	\$23,760.45	\$23,962.41
State and Federal Agencies	\$5,296.65	\$5,630.57	\$5,722.96
CalPERS - Normal	\$4,239.06	\$4,874.26	\$4,874.26
SEIU - Union Fees	\$132.59	\$153.66	\$153.66
Total Disbursements processed with Payroll	\$32,156.42	\$34,418.94	\$34,713.29
Health (Disbursed with reoccurring bills)	\$6,162.55	\$6,483.63	\$6,483.63
Total District Payroll Related Costs	\$38,318.97	\$40,902.57	\$41,196.92

^(*) Previously reported in prior Board Meeting packet - provided for comparison.

Board Member Stipend Summary Report Board of Directors - Agenda Date August 9, 2023

Gross Stipends	(*) 5/31/2023	6/30/2023
Board Member Stipends Gross Stipends	\$1,850.00 \$1,850.00	\$200.00 \$200.00
<u>Disbursements</u>		
Net Stipends	\$1,708.47	\$184.70
State and Federal Agencies	\$283.06	\$30.60
Total Disbursements processed with Stipends	\$1,991.53	\$215.30

^(*) Previously reported in prior Board Meeting packet - provided for comparison.



JUL 1 3 2023

1655 Front Street, P.O. Box 599, Oceano, CA 93475 (805) 481-6730 FAX (805) 481-6836

DIRECTOR'S MONTHLY REQUEST FOR COMPENSATION FOR MEETING ATTENDANCE

NAME: Bevest	y Joyce- Buneson	DATE: 7/12/23
	,	,
FOR THE MONTH OF:	June	
8.1 Each Director is	authorized to receive one hundred dol	llars (\$100.00) as compensation for each regular or
		each committee meeting attended by him or her.
	II Director compensation exceed one hu	
8.3 Director compe	ensation shall not exceed six hundred (\$.600.00) in any one (1) calendar month.
MEETING DATES: 6	/14/23	and $6/28/23$ x \$100.00 = \$ 200.00
No. of M	leetings 2	x \$100.00 = \$ 200.00
COMMITTEE MEETING(S) OR OTHER REIMBURSEMENT(S)	
DATE:	MEETING:	AMOUNT: \$
		TOTAL COMPENSATION: \$
SIGNATURE: _		

A/P Visa Credit Card Disbursement

Mechanics Visa Credit Card

Date	Name	Amount	Description	GL Account #
05/30/2023	ADOBE ACROPRO SUBS 408-536-6	239.88	SOFTWARE	01-5-4100-235

\$239.88

Total ACH - 06/27/2023

08/09/2023 Board Meeting - Mechanics Bank Visa	
Online Payment - paid 06/27/2023	\$239.88

A/P Mastercard Credit Card Disbursement

Five Star Bank Mastercard

Date	Name	Amount	Description	GL Account #
06/22/2023	OWPSACSTATE 9162786142 CA	\$202.25	CLASSES/SEMINARS/TRAINING FEES	02-5-4400-285
06/17/2023	INTUIT *QBOOKS ONLINE CL.INTUIT.COMCA	\$55.00	PERMITS, FEES LICENSES	01-5-4100-248
06/02/2023	ZOOM.US 888-799-9666 SAN JOSE CA	\$47.59	OFFICE EXPENSE	01-5-4100-200
06/01/2023	CITY OF SANTA MARIA LA SANTA MARIA CA	\$116.45	SYSTEM PARTS/OPERATING SUPP	02-5-4400-175
06/01/2023	THE BLIND LADY LOS OSOS CA	\$181.60	FACILITIES	10-5-4300-173
06/01/2023	USPS PO 0555560445 OCEANO CA	\$195.12	POSTAGE	01-5-4100-210

Total ACH - 07/12/2023

\$798.01

08/09/2023 Board Meeting - Five Star Bank Mastercard	
Online Payment - paid 07/12/2023	\$798.01

COMPANY: 99 - POOLE ACCOUNT: 1-1001-000 TYPE: All STATUS: All FOLIO: All	D CASH FUND POOLED CASH OPE	ERATING	CHECK RECONCILIATION REGISTER				0/00/0000 THRU 9 0/00/0000 THRU 9 0/00/0000 THRU 9 0/00/0000 THRU 9 0.00 THRU 999,9 060349 THRU		9/99/9999 9/99/9999 9/99/9999
ACCOUNT	DATETYPE	NUMBER	DESCRI	PTION	AMOUNT	STATUS	FOLIO	CLEAR DAT	Е
CHECK: -	7/12/2022 00000	0.60340			210 0000			0 /00 /000	INTERNET - COMMUNICATIONS
1-1001-000	7/13/2023 CHECK	060349	CHARTER COMMUNI	CATIONS	210.00CR	OUTSTNE) A	0/00/000	INTERNET - COMMUNICATIONS
1-1001-000	7/13/2023 CHECK	060350	DIGITAL WEST NE	TWORKS, INC.	416.78CR	OUTSTND) A	0/00/000	PHONES
1-1001-000	7/13/2023 CHECK	060351	SECURITAS TECHO	LOGY CORPORATIO	221.42CR	OUTSTND) A	0/00/000	WELLS AND FIRE MONITOR
1-1001-000	7/13/2023 CHECK	060352	SO CAL GAS		16.91CR	OUTSTND) A	0/00/000	0 UTILITY
TOTALS FOR ACCOUNT	1-1001-0		CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	865.11CR 0.00 0.00 0.00 0.00 0.00 0.00				
TOTALS FOR POOLED C	ASH FUND		CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	865.11CR 0.00 0.00 0.00 0.00 0.00 0.00				

CHECK RECONCILIATION REGISTER

PAGE: 1

7/13/2023 4:24 PM

7/24/2023 2:58 PM COMPANY: 99 - POOLE ACCOUNT: 1-1001-000 TYPE: All STATUS: All FOLIO: All	ED CASH FUND POOLED CASH OPE	ERATING	CHECK RECONCIL	IATION REGISTER	CLE STA VOI AMO	CK DATE AR DATE TEMENT: DED DATI UNT: CK NUMBI	: E:	0/00/0 0/00/0 0/00/0 0.00	000 THRU 99 000 THRU 99 000 THRU 99 000 THRU 99 THRU 999,99	/99/9999 /99/9999 /99/9999
ACCOUNT	DATETYPE	NUMBER	DESCRI	PTION	AMOUNT-	S'	TATUS	FOLIO	CLEAR DATE	
CHECK: -										
1-1001-000	7/20/2023 CHECK	060353	ANTHEM BLUE CRO	oss	9,519.	58CR (OUTSTND	A	0/00/0000	EMPLOYEE INSURANCE
1-1001-000	7/20/2023 CHECK	060354	COLONIAL LIFE A	AND ACCIDENT	333.	94CR (OUTSTND	A	0/00/0000	EMPLOYEE INSURANCE
1-1001-000	7/20/2023 CHECK	060355	PRINCIPAL LIFE	INSURANCE COMPA	1,177.	98CR (OUTSTND	A	0/00/0000	EMPLOYEE INSURANCE
TOTALS FOR ACCOUNT			CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL:	11,031.5 0.0 0.0 0.0 0.0 0.0 0.0 11,031.5 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				

8/03/2023 3:46 PM COMPANY: 99 - POOLE ACCOUNT: 1-1001-000 TYPE: All STATUS: All FOLIO: All	D CASH FUND POOLED CASH OPI	ERATING	CHECK RECONCII	IATION REGISTER	CHECK DA CLEAR DA STATEMEN VOIDED D. AMOUNT: CHECK NU	TE: T: ATE:	0/00/0 0/00/0 0/00/0 0.00	PAGE: 1 000 THRU 99/99/9999 000 THRU 99/99/9999 000 THRU 99/99/9999 000 THRU 99/99/9999 THRU 999,999,999.99 356 THRU 060359
ACCOUNT	DATETYPE	NUMBER	DESCRI	PTION	AMOUNT	STATUS	FOLIO	CLEAR DATE
CHECK: -								
	8/03/2023 CHECK	060356	MAP COMMUNICATI	ONS, INC. DBA A	180.23CR	OUTSTNI) A	0/00/0000 UTILITY
1-1001-000	8/03/2023 CHECK	060357	COASTAL COPY, I	NC.	260.37CR	OUTSTNI) A	0/00/0000 COPIES/MAINTENANCE
1-1001-000	8/03/2023 CHECK	060358	PACIFIC GAS & E	LECTRIC	4,633.37CR	OUTSTNI	D A	0/00/0000 UTILITY
1-1001-000	8/03/2023 CHECK	060359	VERIZON WIRELES	S	235.04CR	OUTSTNI	O A	0/00/0000 FIELD CELL SVC
TOTALS FOR ACCOUNT	1-1001-0		CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	5,309.01CR 0.00 0.00 0.00 0.00 0.00 0.00			
TOTALS FOR POOLED C	ASH FUND		CHECK DEPOSIT INTEREST MISCELLANEOUS SERVICE CHARGE EFT BANK-DRAFT	TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL: TOTAL:	5,309.01CR 0.00 0.00 0.00 0.00 0.00 0.00			



1655 Front Street, P.O. Box 599, Oceano, CA 93475 (805) 481-6730 FAX (805) 481-6836

Date: August 9, 2023

To: Board of Directors

From: Will Clemens, General Manager

Subject: Agenda Item #7(D): Consideration of Approving an Amendment to the Contract with Rincon Consultants, Inc. in the amount of \$30,773 for the Water System Improvement Projects

Recommendation

It is recommended that your Board approve the attached amendment request with Rincon Consultants, Inc., in the amount of \$30,773 for the Water System Improvement Projects (Project) for a total contract amount of \$145,139.

Discussion

The District has previously retained Rincon Consultants, Inc. to complete the National Environmental Protection Act (NEPA) and California Environmental Quality Act (CEQA) process. The original contract scope included consultation with two tribal entities or other agencies. However, six tribal entities or other agency consultations are now estimated to be needed. In addition, it is now evident that at least partial funding of the Project will come from both the United States Department of Agriculture (USDA) and the State Water Board (SWB) in the form of grants and low interest loans. The SWB requires an alternatives analysis as part of the environmental process that was not part of the original scope of work required by the United States Department of Agriculture (USDA).

The attached amendment request includes the estimated cost of completing these additional items.

Other Agency Involvement

The USDA and/or the SWB will provide the financing to complete the Projects.



Board of Directors Meeting

Other Financial Considerations

The amendment request of \$30,773 will bring the total contract amount to \$145,139. This amount is eligible for reimbursement funded by both the USDA and SWB.

Results

Approving the request will allow for the completion of the NEPA/CEQA environmental process which contributes to a safe, healthy, prosperous, and well-governed community.

Attachment:

Amendment Request from Rincon Consultants, Inc.



July 10, 2023 Rincon Project No. 22-13146

Will Clemens, General Manager Oceano Community Services District 1655 Front Street, PO Box 599 Oceano, California 93475

Via email: will@oceanocsd.org

Subject: Amendment Request No. 2 - Proposal to Provide Additional Environmental Consulting Services for the Oceano Community Services District Waterline Improvement Project,

Oceano, California

Dear Mr. Clemens:

The purpose of this letter is to provide a proposal for additional services and amend the existing agreement for the Oceano Community Services District (OCSD) Waterline Improvement Project (project) between Rincon Consultants, Inc. (Rincon) and OCSD. On July 27, 2022, OCSD approved Rincon's proposal (dated June 28, 2022) to provide environmental consulting services for the proposed project. The not-to-exceed price for the authorized contract is \$99,933. On February 17, 2023, Amendment Request No. 1 was authorized in the amount of \$14,433, increasing the total contract amount to \$114,366.

Under Task 4.4 (Assembly Bill 52 Consultation Assistance) of Rincon's scope of work, Rincon is providing assistance with general consultation with Native American tribes. The proposal contained the following assumptions:

- No more than two Tribes will respond to requests for AB 52 consultation.
- No more than two formal written replies to Tribes will be required.
- No more than four virtual or in-person meetings with Tribes will occur.

By the end of the AB 52 consultation window, a total of four Tribes requested consultation under AB 52. In addition, these four Tribes requested consolidated consultation under Section 106 of the National Historic Preservation Act (Section 106). One additional Tribe has requested consultation under Section 106. Per the request of Will Clemens, Rincon has prepared this proposal to amend our contract to include additional AB 52 and Section 106 consultation assistance.

In addition, on April 17, 2023, Will Clemens requested Rincon add an "Analysis of Environmental Alternatives" to the CEQA document to support a funding pursuit with the California State Water Resources Control Board. As such, this proposal includes additional scope to incorporate this analysis into the IS-MND.

Rincon Consultants, Inc.

info@rinconconsultants.com www.rinconconsultants.com

805 547 0900

1530 Monterey Street, Suite D San Luis Obispo, California 93401



Additional Scope of Work

Task 4 CEQA Initial Study – Mitigated Negative Declaration

Task 4.1.1 Administrative Draft IS-MND

Rincon will add an "Alternatives Analysis" chapter to the Administrative Draft IS-MND. As confirmed in the email forwarded from Jessica Krebs at the State Water Resources Control Board on April 17, 2023, the alternatives analysis will be limited to a "no project" alternative and the proposed project. The analysis will qualitatively discuss the beneficial and detrimental effects of the "no project" alternative in comparison to the proposed project.

Task 4.4.1 Assembly Bill 52 Consultation Assistance

Under AB 52 (California Government Code Section 21080.3.1 (a)), OCSD, as the CEQA lead agency, is required to begin consultation with California Native American Tribes that are traditionally and culturally affiliated with the project site, prior to a release of a negative declaration, mitigated negative declaration, or environmental impact report. As part of Rincon's existing scope of work for the project, letters were prepared on the behalf of OCSD for mailing to the respective Tribes affiliated with the project site based on the results of the Native American Heritage Commission database search.

On February 15, 2023, Rincon provided an additional scope of work for expanded AB 52 consultation assistance that included general consultation support for up to two interested Tribal contacts, drafting two formal replies to Tribes, and up to four in-person or virtual meetings (two per Tribe). By the end of the AB 52 consultation window, a total of four Tribes requested consultation under AB 52. In addition, these four Tribes requested consolidated consultation under Section 106.

The number of Tribes requesting consultation under AB 52 has exceeded the initial assumptions. To date, Rincon has participated in three (3) consultation meetings with the Northern Chumash Tribal Council, the Santa Ynez Band of Chumash Indians, and the yak tityu tityu yak tilhini – Northern Chumash Tribe. The Salinan Tribe of Monterey has requested consultation under AB 52 and Section 106 and a meeting has yet to be held.

At the request of OCSD, Rincon will provide additional AB 52 consultation support including assisting OCSD in language use, methodology, emails, up to two (2) formal letter replies, and attendance of up to two (2) combined AB 52 and Section 106 consultation meetings with the Salinan Tribe of Monterey. Follow up consultation meetings may be requested by the Northern Chumash Tribal Council, the Santa Ynez Band of Chumash Indians, and the yak tityu tityu yak tilhini – Northern Chumash Tribe when the draft mitigation measures for the project are circulated to the Tribes. Therefore, Rincon has included time for one (1) formal letter reply each and one (1) combined AB 52 and Section 106 consultation meeting each with the Northern Chumash Tribal Council, the Santa Ynez Band of Chumash Indians, and the yak tityu tityu yak tilhini – Northern Chumash Tribe. Rincon assumes these meetings will require up to four (4) hours of preparation (including coordination with OCSD), meeting attendance not exceeding one (1) hour in length, and time to summarize the meeting notes for circulation. Rincon assumes all consultation meetings will be conducted virtually. Given that this is a time and materials estimate, only the time and materials needed to successfully complete the scope of work will be billed.

Task 4.5 Section 106 Consultation Assistance

OCSD is seeking federal funds from the United States Department of Agriculture (USDA) Rural Development for the project. The issuance of federal funds is considered a federal undertaking and the



project is, therefore, subject to Section 106 of the National Historic Preservation Act. Section 106 requires lead agencies to seek information, as appropriate, from consulting parties, and other individuals and organizations likely to have knowledge of, or concerns with, historic properties in the area of a project. To support USDA Rural Development, Rincon prepared letters to be sent by USDA to Native American contacts and other local interested parties. As the lead federal agency for the project, USDA Rural Development has delegated consultation authority under Section 106 to OCSD. On June 5, 2023, OCSD conducted one round of Section 106 follow up telephone calls to Native American contacts to demonstrate a "good-faith" effort for tribal engagement. As a result of the follow-up calls, Chairperson Gabe Frausto of the Coastal Band of the Chumash Nation requested consultation under Section 106. OCSD also received a request for consultation from the County of San Luis Obispo (County).

At the request of OCSD, Rincon will provide additional Section 106 support including assisting OCSD in language use, methodology, emails, up to two (2) formal letter replies, and attendance of up to (2) virtual consultation meetings with the Coastal Band of the Chumash Nation. The Section 106 consultation period has yet to conclude and additional requests for consultation may be requested. As such, Rincon has included Section 106 support time referenced above, up to two (2) formal letter replies, and attendance of up to two (2) virtual consultation meetings with one (1) additional interested Tribal contact. Rincon assumes these meetings will require up to four (4) hours of preparation (including coordination with OCSD), meeting attendance not exceeding one (1) hour in length, and time to summarize the meeting notes for circulation.

Additionally, Rincon will provide support to OCSD for consultation with the County, including assisting OCSD in language use, methodology, emails, up to one (1) formal letter reply, and attendance of up to one (1) virtual consultation meeting with the County. This scope is limited to assistance with Section 106 consultation and does not include County permitting.

The costs associated with these tasks could be reduced should fewer responses and or meetings be needed. Rincon will only utilize the budget needed based on the Section 106 responses received.

Assumptions

- The alternatives analysis will be limited to a "no project" alternative and the proposed project.
- No more than two (2) formal letter replies and two (2) combined AB 52 and Section 106 consultation meetings with the Salinan Tribe of Monterey will be required.
- No more than one (1) formal letter reply each and one (1) combined AB 52 and Section 106 consultation meeting each with the Northern Chumash Tribal Council, the Santa Ynez Band of Chumash Indians, and the yak tityu tityu tak tilhini Northern Chumash Tribe will be required.
- Consultation meetings with Tribes will require up to four (4) hours of preparation each, including coordination time with OCSD.
- Consultation meeting attendance will not exceed one (1) hour each.
- All consultation meetings will be conducted virtually.
- No more than two (2) formal letter replies and two (2) Section 106 consultation meetings with the Coastal Band of the Chumash Nation will be required.
- No more than two (2) formal letter replies and two (2) Section 106 consultation meetings with one
 (1) additional Tribal contact will be required.
- No more than one (1) formal letter reply and one (1) Section 106 consultation meeting with the County.

Environmental Services for Waterline Improvement Project

County and Coastal Commission permitting are not included in our scope of work.

Cost

Rincon will prepare the above deliverables in accordance with the scope of services outlined herein for a cost not-to-exceed \$30,773, increasing the total contract amount from \$114,366 to \$145,139.

Table 1 Cost Summary

Task	Estimated Cost
Task 4 CEQA Initial Study – Mitigated Negative Declaration	
Task 4.1.1 Admin Draft IS-MND	\$2,619
Task 4.4.1 AB 52 Consultation Assistance	\$15,401
Task 4.5 Section 106 Consultation Assistance	\$12,753
Total Additional Budget Requested	\$30,773

The proposed scope of services and associated costs are fully negotiable to meet the needs of OCSD. Additional work not included within our proposed work program will be completed upon written authorization in accordance with our Standard Fee Schedule for Professional Services (attached) or an otherwise mutually acceptable contract agreement.

This proposal is valid for a period of 30 days during which time all questions may be directed to Amanda Antonelli, Project Manager, at aantonelli@rinconconsultants.com or (805) 947-4864. Thank you for your consideration and for this additional opportunity to support your project.

Sincerely,

Rincon Consultants, Inc.

Amanda Intonelli

Amanda Antonelli, MESM

Senior Environmental Planner/Project Manager

Jennifer Haddow, PhD

Principal Environmental Scientist



1655 Front Street, P.O. Box 599, Oceano, CA 93475

(805) 481-6730 FAX (805) 481-6836

Date: August 9, 2023

To: Board of Directors

From: Will Clemens, General Manger

Subject: Agenda Item #7(E): Adoption of Plans and Specifications and Authorization of Advertisement for Construction Bids for Phase 1 of the Stormwater Capture and Groundwater Recharge Project (Contract No. 2023-01)

Recommendation

It is recommended that the Board:

- 1. Adopt the Plans and Specifications for the construction of Phase 1 of the Stormwater Capture and Groundwater Recharge Project (Contract No. 2023-01)
- 2. Authorize and direct the General Manager to:
 - Advertise for construction bids, provide proper notice inviting formal bids pursuant to Public Contract Code section 22037 (and any other applicable laws) a minimum of 21 calendar days before the set bid opening date; and
 - b. To extend the bid opening date to a date deemed more appropriate by the General Manager so long as any such extension follows all applicable laws.

Discussion

The District was awarded funding under the State Water Board's (SWB)Technical Assistance (TA) program for preliminary design efforts and development of a grant application for funds from Proposition 1, a water bond approved by California voters in 2014. The TA work was directly funded by the SWB and the District did not incur costs for those efforts.

On July 10, 2019, your Board approved a grant application for a stormwater capture and groundwater recharge project (Project) at Oceano Elementary School and on 19th Street between Beach and Paso Robles streets. The grant application was submitted in July 2020. On March 24, 2021, your Board authorized entering into a funding agreement with the SWB to fund implementation of the Project. On December 8, 2021, your Board made final CEQA determinations for the Project and awarded a consultant contract to Cannon, Inc. to complete design of the Project, and funded the project through construction.

Design is now complete, and all approvals have been received to construct Phase 1 of the Project. It is now necessary to initiate the bidding and construction phases of the Project. These efforts will be funded by the Prop 1 grant awarded by the SWB and the District's water fund.



Board of Directors Meeting

Other Agency Involvement

The SWB is the granting agency. The Lucia Mar Unified School District entered into a temporary construction easement with the District on February 23, 2022. The County has issued an Encroachment permit for part of the Project to be completed in their right-of-way.

Financial Considerations

Based on Oceano's income status, the District is receiving a discounted local match of 5% on eligible project costs. The following table illustrates the estimated construction costs for Phase 1 of the Project.

Total Cost Estimate	Prop 1 Grant	5% Match (Approximate)
<u>\$ 614,000</u>	<u>\$ 583,300</u>	<u>\$ 30,700</u>

The approved Water Fund budget includes the funds necessary to complete the Project.

Results

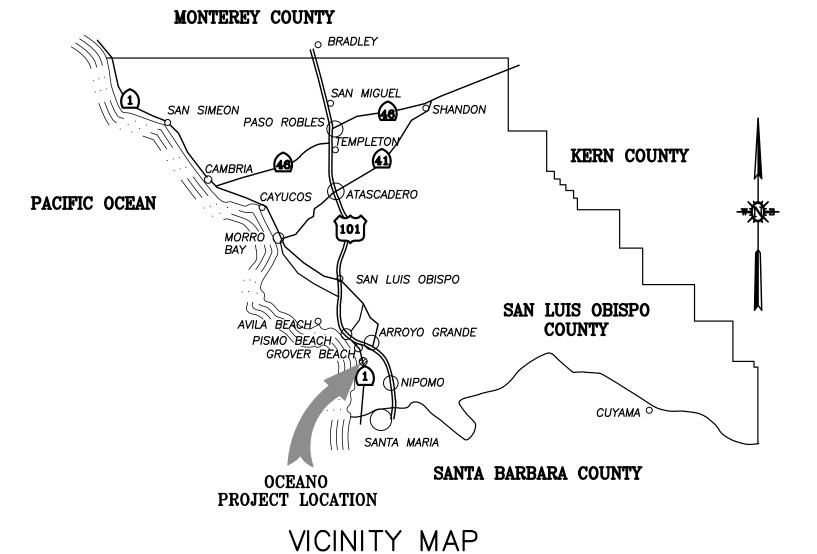
Pursuing grant revenues and project implementation supports a well-governed, healthy, and livable community.

Attachments:

• Plans and Specifications

OCEANO ELEMENTARY SCHOOL INFILTRATION AND FRONTAGE IMPROVEMENTS OCEANO COMMUNITY SERVICES DISTRICT

OCEANO, CALIFORNIA



LEGEND

POWER POLE

CLEANOUT

SDMH

SSMH

FOUR-WAY SIGN

TWO-WAY SIGN

LLOLIND	EXISTING	PROPOSED
	ENISTING	<u>FROFUSED</u>
TRACT BOUNDARY		
PROPERTY LINE		
RIGHT-OF-WAY		
CURB	======	
CURB & GUTTER		
FENCE	X	x
DAYLIGHT LINE		
EASEMENT		
FLOWLINE		_ · · · _ · · · _
RETAINING WALL		
SLOPE	TOP OF SLOPE	TOP OF SLOPE
SLOPE		
CONTOURS		
ATT LINE	———— ATT ————	
CHARTER LINE	CHARTER-	
WATER MAIN	W	w
SANITARY SEWER LINE	SS	—— ss ——
FORCE MAIN	FM	——— FM ———
STORM DRAIN LINE	SD	SD
GAS LINE	——— G ———	G
ELECTRIC LINE	—— Е ——	—— E ——
OVERHEAD WIRES	——— OH ———	——— OH ———
FIBER OPTICS	FO	—— F0 ——
TELEPHONE	T	T
UNDERGROUND TELEPHONE	——— UT ———	UT
JOINT TRENCH	JT	JT
TYPICAL LATERALS	XX	XX
WATER VALVE	\bowtie	\bowtie
WATER METER	W	
GAS METER	G	
FIRE HYDRANT		V
STREET LAMP	× ×	, *
STREET LIGHT	- -	- -
PG&E BOX		
TRANSFORMER		
MONUMENT	\triangle	\triangle
STORM DRAIN INLET		
CURB INLET		
BACK WATER VALVE		
DOUBLE DETECTOR CHECK VAL	_VE	
FIRE HYDRANT	A	A
AIR RELEASE VALVE	24. 74. 74. 15. 20. 20. 24.	
THRUST BLOCK	∇	lacksquare
DOWER ROLE		

CONTACT INFORMATION

OCEANO COMMUNITY SERVICES DISTRICT PUBLIC WORKS DEPARTMENT ATTN: WILL CLEMENS 1655 FRONT STREET OCEANO, CA 93445 PHONE: (805) 481-6730 CIVIL ENGINEER: CANNON ATTN: JOHN W. EVANS

PHONE: (805) 544-7407 LANDSCAPE ARCHITECT: ATTN: BROOKE WHALEN 540 E. BETTERAVIA RD., SUITE D 122 SANTA MARIA, CA 93454

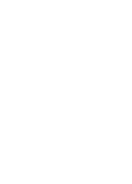
1050 SOUTHWOOD DRIVE

PHONE: (619) 294-4477

SAN LUIS OBISPO, CA 93401

GEOTECH ENGINEER: EARTH SYSTEMS PACIFIC ATTN: ROBERT DOWN 4378 OLD SANTA FE ROAD SAN LUIS OBISPO, CA 93401 PHONE: (805) 544-3276





- ALL DIMENSIONS AND STATIONING ARE TO TOP FACE OF CURB

N.T.S.

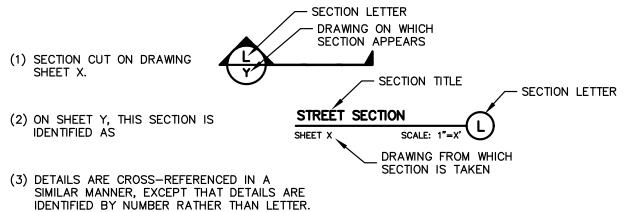
UNLESS OTHERWISE SHOWN.

NOTE: ALL STATIONING BASED UPON CONSTRUCTION CENTERLINE ALIGNMENT

UNLESS OTHERWISE SHOWN.

STAKING DETAIL

SECTION AND DETAIL NUMBERING SYSTEM



BENCHMARK

THE BENCHMARK FOR THIS SURVEY IS NGS SURVEY CONTROL FV0418 "T 532". HAVING A PUBLISHED NAVD88 ELEVATION OF 26.42'

BASIS OF BEARING

THE COORDINATES AND BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, NAD83(1992) EPOCH 1991.35. IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 88001-8819; SAID COORDINATES AND BEARING ARE BASED LOCALLY UPON FIELD-OBSERVED TIE TO THE FOLLOWING NGS SURVEY CONTROL FV2048 "HPGN CA 05 05". N: 2,226,903.13 E: 5788621.06

STANDARD SPECIFICATIONS

MOST RECENT STANDARD SPECIFICATIONS FOR THE OCEANO COMMUNITY SERVICES DISTRICT (OCSD), SAN LUIS OBISPO COUNTY, AND CALTRANS SHALL APPLY. THERE MAY BE INSTANCES WHERE REFERENCES HAVE BEEN MADE TO SPECIFIC SECTIONS OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION — GREEN BOOK. FOR THESE INSTANCES ONLY, THE GREEN BOOK SHALL TAKE PRECEDENCE.

SHEET INDEX

SHEET NUMBER AND TITLE

1 - TITLE SHEET

2 - CONSTRUCTION NOTES 3 - DETAIL SHEET

4 - DETAIL SHEET

5 — DETAIL SHEET

6 - DETAIL SHEET

7 - DEMOLITION PLAN

8 - SURFACE IMPROVEMENT PLAN

9 - STORMWATER INFILTRATION GALLERY

11 - HORIZONTAL CONTROL PLAN

10 - SITE CROSS-SECTIONS

12 - GRADING PLAN

13 - EROSION CONTROL PLAN

14 - IRRIGATION PLAN

15 - IRRIGATION NOTES & LEGEND

16 - IRRIGATION DETAILS

17 - IRRIGATION DETAILS

18 - PLANTING PLAN

20 - PLANTING DETAILS

19 - PLANTING NOTES & LEGEND

21 - GRANT SIGNAGE DETAIL

22 - LANDSCAPE SPECIFICATIONS

23 - LANDSCAPE SPECIFICATIONS

24 - LANDSCAPE SPECIFICATIONS

25 - LANDSCAPE SPECIFICATIONS 26 - LANDSCAPE SPECIFICATIONS

27 - LANDSCAPE SPECIFICATIONS

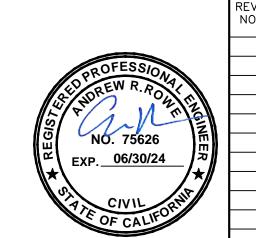
28 - LANDSCAPE SPECIFICATIONS

29 - LANDSCAPE SPECIFICATIONS

and works 06/21/2023 Approved for construction upon issuance of

encroachment permit ENC20220255 and conditiona upon compliance with all permit requirements and





	REV. NO	DATE	REVISED DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY	ſ
ESSIONAL PROPERTY OF THE PROPE							
75626 6/30/24							
VIL							l

Cannon 1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863 THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

conditions.

OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

TITLE SHEET

OCEANO, CA

DRAWN BY	DATE	CA JOB NO.
AR	05/31/2023	210534
CHECKED BY	SCALE N.T.S.	SHEET 1 OF 29

Agenda Item 7D August 9, 2023 - Page 28 of 76 Attachments - Plans and Specifications B. NO WORK SHALL COMMENCE WITHOUT THE CONSTRUCTION SIGNS INSTALLED AND OTHER NECESSARY TRAFFIC CONTROL DEVICES ON SITE. STATIONARY MOUNTED CONSTRUCTION AREA SIGNS SHALL BE FLUORESCENT ORANGE, AND ALL SIGNAGE AND MARKINGS MUST CONFORM WITH THE CALIFORNIA MANUAL ON TRAFFIC CONTROL DEVICES (CAMUTCD) REQUIREMENTS.

C. NO LANE CLOSURES ARE PERMITTED ON THE ROADS AND BETWEEN THE TIMES LISTED IN THE DEPARTMENT'S LANE CLOSURE RESTRICTION LIST (LISTED BELOW).

D. AT THE CONCLUSION OF EACH WORKDAY, ALL PAVED TRAVELED-WAY SURFACES SHALL BE RESTORED TO AN ALL-WEATHER, TRAVERSABLE CONDITION. THERE SHALL NOT BE A DROP-OFF ALONG THE EDGE OF TRAVELED WAY >0.15-FEET. LOW SHOULDER SIGNS SHALL BE PLACED ALONG THE TRAVELED WAY WHERE THERE IS ANY DROP-OFF. DROP-OFFS >0.15-FEET SHALL REQUIRE EITHER:

a. BACKFILLING THE DROP-OFF TO A MINIMUM 4:1 SLOPE;

b. PROVIDING APPROPRIATE STEEL PLATES OVER EXCAVATION;
c. PROVIDING TEMPORARY CONCRETE RAILING ALONG THE WORK ZONE IN CONFORMANCE WITH THE STATE STANDARD SPECIFICATIONS.

E. EXCAVATIONS BEYOND 10-FEET FROM THE EDGE OF TRAVELED WAY MAY UTILIZE PORTABLE DELINEATORS AT APPROPRIATE SPACING, ALONG WITH OPEN TRENCH SIGNS.

F. WHERE STEEL PLATES ARE USED, THEY SHALL BE PINNED, AND HAVE A COLD-MIX SLOPE OF 12:1 PLACED ON ALL SIDES. FOR ROADWAYS WITH TRAVEL SPEEDS OVER 40 MPH, THE EXISTING PAVEMENT SHALL BE MILLED, AND THE STEEL PLATE SET FLUSH TO THE ROAD SURFACE. THEY SHALL BE FRICTION—COATED FOR TRACTION. APPROPRIATE WARNING SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE CAMUTCD.

G. PEDESTRIAN ACCESS SHALL BE AFFORDED THROUGH THE WORK AREA ON COUNTY STREETS AND ROADS, EITHER BY PROVIDING NECESSARY FACILITIES FOR SAFE AND VIABLE ACCESS, OR BY PROVIDING APPROPRIATE CAMUTCD ADVANCE WARNING TO PEDESTRIANS TO USE ALTERNATE ROUTES. BICYCLE ROUTES AND LANES, WHEN IMPACTED BY CONSTRUCTION, SHALL BE SIGNED TO AFFORD SAFE PASSAGE THROUGH THE WORK ZONE OR TO DESIGNATE ALTERNATE ROUTES. FOR BOTH PEDESTRIANS AND BICYCLES, SURFACES SHALL BE MAINTAINED FREE OF LOOSE DEBRIS AND GRAVEL.

H. NO CONSTRUCTION EQUIPMENT OR MATERIALS SHALL BE PARKED OR STORED WITHIN 10—FEET OF THE EDGE OF THE TRAVELED WAY. WHEN CONSTRUCTION EQUIPMENT OR MATERIALS ARE STORED WITHIN THE RIGHT OF—WAY, THE SHOULDER AREA SHALL BE SIGNED AS CLOSED, AND PORTABLE DELINEATORS SHALL BE USED TO MARK A TAPER IN ADVANCE OF THE MATERIAL OR EQUIPMENT.

I. REMOVAL OF EXISTING PAVEMENT STRIPING OR MARKINGS SHALL BE BY SANDBLASTING OR GRINDING. WHEN THE CHANGE OF POSITION WILL BE GREATER THAN 2—FEET, THE REMOVED STRIPING SHALL BE FURTHER OBSCURED BY USE OF A CHIP SEAL, AS REQUIRED BY STATE STANDARD SPECIFICATIONS. THE CHIP SEAL SHALL EXTEND THE FULL WIDTH OF THE LANE OR ROADWAY, OR AS DIRECTED BY THE

J. PARKING RESTRICTIONS SHALL BE POSTED 24—HOURS BEFORE ANY WORK STARTS. POSTING SHALL BE DONE BY THE CONTRACTOR.

K. ALL PRIVATE DRIVEWAYS AND SIDE STREETS SHALL BE KEPT OPEN AT ALL TIMES, EXCEPT WHEN CONSTRUCTION TAKES PLACE IMMEDIATELY IN FRONT OF THE DRIVEWAY OR SIDE STREET.

L. ANY WORK THAT DISTURBS NORMAL TRAFFIC SIGNAL OPERATIONS SHALL BE COORDINATED WITH THE DEPARTMENT AT LEAST 3-BUSINESS DAYS PRIOR TO BEGINNING THE WORK INVOLVING THE SIGNAL. THE CONTRACTOR SHALL REPLACE ALL TRAFFIC SIGNAL LOOP DETECTORS, DAMAGED DURING CONSTRUCTION, WITHIN 5-DAYS OF THE COMPLETION OF CONSTRUCTION INVOLVING THE SIGNAL. ANY DAMAGE TO EXISTING IN-PAVEMENT LOOP DETECTORS WILL REQUIRE REPLACEMENT WITHIN 5-DAYS OF THE START OF ANY TRENCH CUT WORK. INTERSECTION DETECTION SHALL BE REPLACED WITH VIDEO DETECTION SYSTEM(S) ACCEPTABLE TO THE DEPARTMENT. ALL COMPONENTS SHALL BE AVAILABLE ON THE JOB SITE PRIOR TO COMMENCING THE TRENCH WORK WHICH WILL AFFECT THE LOOP(S). ALL COSTS, INCLUDING DEPARTMENT OPERATIONS TIME, SHALL BE PAID BY THE DEVELOPER.

M. ALL DELINEATORS SHALL BE EQUIPPED WITH NIGHTTIME REFLECTIVE BANDS AND SPACED NO GREATER THAN 50-FOOT INTERVALS ALONG TAPERS, LANE CONTROL, AND/OR EDGE OF WORK ZONE.

N. THE OPERATOR OF ANY TRANSIT OPERATION AFFECTED BY THE WORK SHALL BE NOTIFIED 2-WORKING DAYS PRIOR TO WORK COMMENCING.

O. ALL FLAGGERS SHALL HOLD CURRENT CERTIFICATIONS. AS DEFINED UNDER CAL OSHA CONSTRUCTION SAFETY ORDER SECTION 1599, ALL FLAGGERS ON THE ROADWAY SHALL BE TRAINED BY QUALIFIED AND EXPERIENCED PERSONNEL TO THE ASPECTS NOTED IN SECTION 1599. THE DEVELOPER OR PROJECT ENGINEER SHALL BE RESPONSIBLE TO ENSURE THAT THE CONTRACTOR OR OTHER AGENTS UTILIZE TRAINED PERSONNEL ONLY. ALL WORKERS WITHIN THE ROADWAY SHALL WEAR TYPE 2 CAL—OSHA HIGH—VISIBILITY

NOTE

CONTRACTOR TO PREPARE AND SUBMIT TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION

SLO COUNTY GENERAL NOTES

A. NO CONSTRUCTION SHALL BE STARTED WITHOUT PLANS APPROVED BY THE DEPARTMENT OF PUBLIC WORKS (DEPARTMENT). THE DEPARTMENT SHALL BE NOTIFIED AT LEAST 24—HOURS PRIOR TO STARTING OF CONSTRUCTION AND OF THE TIME LOCATION OF THE PRECONSTRUCTION CONFERENCE. ANY CONSTRUCTION PERFORMED WITHOUT APPROVED PLANS OR PRIOR NOTIFICATION TO THE DEPARTMENT MAY BE REJECTED AND WILL BE AT THE CONTRACTORS AND/OR OWNERS RISK.

B. FOR ANY CONSTRUCTION PERFORMED THAT IS NOT IN COMPLIANCE WITH PLANS OR PERMITS APPROVED FOR THE PROJECT THE DEPARTMENT MAY REVOKE ALL ACTIVE PERMITS AND RECOMMEND THAT COUNTY CODE ENFORCEMENT PROVIDE A WRITTEN NOTICE OR STOP WORK ORDER IN ACCORDANCE WITH SECTION 22.52.140 [OR 23.10] OF THE LAND USE ORDINANCE.

C. ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO THE MOST CURRENT COUNTY'S PUBLIC IMPROVEMENT STANDARDS AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE DEPARTMENT.

D. THE PROJECT OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND/OR MAINTAINING ALL WEATHER ACCESS AT ALL TIMES TO EXISTING PROPERTIES LOCATED IN THE VICINITY OF WORK. ADDITIONALLY, THEY SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING SERVICES, INCLUDING UTILITY, GARBAGE COLLECTION, MAIL DISTRIBUTION, ETC., TO ALL EXISTING PROPERTIES LOCATED IN THE VICINITY OF WORK.

E. ON-SITE HAZARDS TO PUBLIC SAFETY SHALL BE SHIELDED BY CONSTRUCTION FENCING. FENCING SHALL BE MAINTAINED BY THE DEVELOPER AND CONTRACTOR UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND OCCUPIED, POTENTIAL HAZARDS HAVE BEEN MITIGATED, OR ALTERNATIVE PROTECTIVE MEASURES HAVE BEEN INSTALLED.

F. SOILS TESTS SHALL BE DONE IN ACCORDANCE WITH THE COUNTY'S PUBLIC IMPROVEMENT STANDARDS. ALL TESTS MUST BE MADE WITHIN 15-DAYS PRIOR TO THE PLACING MATERIAL. THE TEST RESULTS SHALL CLEARLY INDICATE THE LOCATION AND SOURCE OF THE MATERIAL.

G. ROADWAY COMPACTION TESTS SHALL BE MADE ON SUBGRADE MATERIAL, AGGREGATE BASE MATERIAL, AND MATERIAL AS SPECIFIED BY THE SOILS ENGINEER. SAID TESTS SHALL BE MADE PRIOR TO THE PLACEMENT OF THE NEXT MATERIAL LIFT.

H. SUBGRADE MATERIAL SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 95-PERCENT IN THE ZONE BETWEEN FINISHED SUBGRADE ELEVATION AND A MINIMUM OF 1-FOOT BELOW. ALL MATERIAL IN FILL SECTIONS BELOW THE ZONE MENTIONED ABOVE SHALL BE COMPACTED TO 90-PERCENT RELATIVE COMPACTION

I. A REGISTERED CIVIL ENGINEER SHALL CERTIFY THAT THE IMPROVEMENTS, WHEN COMPLETED, ARE IN ACCORDANCE WITH THE PLANS PRIOR TO THE REQUEST TO THE DEPARTMENT FOR A FINAL INSPECTION. RECORD DRAWINGS SHALL BE PREPARED AFTER CONSTRUCTION IS COMPLETED. THE CIVIL ENGINEER CERTIFYING THE IMPROVEMENTS AND PREPARING AS—BUILT PLANS SHOULD BE PRESENT WHEN THE FINAL INSPECTION IS MADE BY THE DEPARTMENT.

J. AN ENGINEER OF WORK AGREEMENT AND AN ENGINEER CHECKING AND INSPECTION AGREEMENT ARE REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE DEPARTMENT SHALL BE NOTIFIED IN WRITING OF ANY CHANGES TO THE ENGINEER OF WORK AGREEMENT. CONSTRUCTION SHALL NOT PROCEED WITHOUT AN ENGINEER OR WORK.

K. ALL UTILITY COMPANIES SHALL BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION.

L. AN ENCROACHMENT PERMIT ISSUED BY THE DEPARTMENT IS REQUIRED FOR ALL WORK DONE WITHIN THE COUNTY RIGHT-OF-WAY. THE ENCROACHMENT PERMIT MAY ESTABLISH ADDITIONAL CONSTRUCTION, UTILITY AND TRAFFIC CONTROL REQUIREMENTS.

M. THE ENCROACHMENT INSPECTOR, ACTING ON BEHALF OF THE DEPARTMENT, MAY REQUIRE REVISIONS IN THE PLANS TO SOLVE UNFORESEEN PROBLEMS THAT MAY ARISE IN THE FIELD. ALL REVISIONS SHALL BE SUBJECT TO THE APPROVAL OF THE DEVELOPER'S ENGINEER OF WORK.

N. THE STRUCTURAL SECTION SHALL BE BASED ON SOILS TESTS TAKEN AT THE TIME OF CONSTRUCTION AND USING A TRAFFIC INDEX OF FOR (ROAD NAME). THE STRUCTURAL SECTION SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO ROAD CONSTRUCTION.

O. HYDRO-SEEDING OR OTHER PERMANENT EROSION CONTROL SHALL BE PLACED AND ESTABLISHED WITH 90-PERCENT COVERAGE ON ALL DISTURBED SURFACES (OTHER THAN PAVED OR GRAVEL SURFACES) PRIOR TO THE FINAL INSPECTION

P. FOR ANY PUBLIC IMPROVEMENTS TO BE MAINTAINED BY THE COUNTY, IF ENVIRONMENTAL PERMITS FROM THE U.S. ARMY CORPS OF ENGINEERS, THE CENTRAL COAST REGIONAL WATER QUALITY CONTROL BOARD/STATE WATER RESOURCES CONTROL BOARD, OR THE CALIFORNIA DEPARTMENT OF FISH & GAME ARE REQUIRED, THE DEVELOPER SHALL:

1. SUBMIT A COPY OF ALL SUCH COMPLETED PERMITS TO THE DEPARTMENT OR,
2. DOCUMENT THAT THE REGULATORY AGENCIES DETERMINED THAT SAID PERMIT IS NOT REQUIRED.
PRIOR TO ACCEPTANCE OF THE COMPLETED IMPROVEMENTS FOR COUNTY MAINTENANCE AND
RELEASE OF IMPROVEMENT SECURITY. ANY MITIGATION MONITORING REQUIRED BY SAID PERMITS
WILL REMAIN THE RESPONSIBILITY OF THE DEVELOPER.

Q. WHEN THE PROJECT SITE EARTHWORK IS NOT INTENDED TO BALANCE THEN A SEPARATE GRADING PERMIT FOR THE SENDING OR RECEIVING PROPERTY MAY BE REQUIRED. A COPY OF THE PERMIT/S OR EVIDENCE THAT NO PERMITS ARE REQUIRED SHALL BE SUBMITTED TO THE DEPARTMENT PRIOR TO COMMENCING

R. ALL WIRE AND GAS UTILITY CONNECTIONS, DISTRIBUTION LINES, AND SERVICE LOCATIONS SHOWN ON THESE PLANS ARE FOR INFORMATION ONLY AND SHOULD NOT BE CONSIDERED FINAL DESIGN. UTILITY PURVEYORS MAY NEED TO ALTER THEIR DESIGN FROM WHAT IS DEPICTED HEREIN BASED UPON FUTURE DESIGN MODIFICATIONS OR DURING CONSTRUCTION. THIS MAY RESULT IN ADDITIONAL REDESIGN COSTS OR CHARGES TO THE OWNER FOR THIS WORK. NO REVISIONS TO WHAT ARE DEPICTED HEREIN SHALL BE CONSTRUCTED WITHOUT THE PRIOR APPROVAL OF THE COUNTY OF SAN LUIS OBISPO DEPARTMENT OF PUBLIC WORKS. NO ABOVE—GROUND FACILITIES SHALL BE LOCATED WHERE THEY BLOCK THE ACCESSIBLE PATH OF TRAVEL OR INTERSECTION OR DRIVEWAY SIGHT DISTANCE. PRIOR TO FINAL PROJECT ACCEPTANCE IT WILL BE THE OWNERS RESPONSIBILITY TO VERIFY FINAL UTILITY ALIGNMENTS AND ENSURE THAT ADEQUATE EASEMENTS FOR SUCH FACILITIES ARE

OCSD STANDARD CONSTRUCTION NOTES

1. APPROVED PLANS — NO CONSTRUCTION SHALL BE STARTED WITHOUT PLANS APPROVED BY THE OCEANO COMMUNITY SERVICES DISTRICT (OCSD). THE DISTRICT SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO STARTING OF CONSTRUCTION. ANY CONSTRUCTION DONE WITHOUT APPROVED PLANS AND PRIOR TO NOTIFICATION TO THE DISTRICT WILL BE REJECTED AND WILL BE AT THE CONTRACTOR'S AND/OR OWNER'S RISK. THE CONTRACTOR SHALL HAVE COPIES OF THE APPROVED PLANS FOR THIS PROJECT ON THE SITE AT ALL TIMES AND SHALL BE FAMILIAR WITH ALL APPLICABLE STANDARDS AND SPECIFICATIONS

2. STANDARD SPECIFICATIONS — ALL CONSTRUCTION WORK AND INSTALLATIONS SHALL CONFORM TO THE OCSD STANDARD SPECIFICATIONS AND DRAWINGS, AND ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE OCSD.

3. INSPECTION AGREEMENT — AN EXECUTED INSPECTION AGREEMENT IS REQUIRED PRIOR TO THE START OF CONSTRUCTION.

4. INSPECTION — THE OCSD INSPECTOR, ACTING ON BEHALF OF THE DISTRICT, MAY REQUIRE REVISIONS TO THE APPROVED PLANS AND SPECIFICATIONS TO SOLVE UNFORESEEN PROBLEMS THAT MAY ARISE IN THE FIELD.

5. ENCROACHMENT PERMITS — NO WORK WITHIN A COUNTY OR CALTRANS RIGHT—OF—WAY SHALL BE PERFORMED WITHOUT AND ENCROACHMENT PERMIT.

6. UTILITY LOCATION — PRIOR TO BEGINNING ANY EARTHWORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL AGENCIES INVOLVED AND SHALL LOCATE ALL FACILITIES PRIOR TO EXCAVATION IN ANY AREA. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA), TOLL FREE AT 1-800-642-2444 AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

7. EXISTING UTILITIES — THE LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES WHERE SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS, AND ARE APPROXIMATE ONLY. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR LOCATING OR HAVING LOCATED ALL UNDERGROUND UTILITIES AND OTHER FACILITIES AND FOR PROTECTING THE SAME DURING THE COURSE OF CONSTRUCTING THE PROJECT. ANY DEVIATIONS FROM THE PLAN LOCATION OF ANY EXISTING FACILITIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OCSD INSPECTOR.

8. SAFETY — NEITHER THE OCEANO COMMUNITY SERVICES DISTRICT, OWNER, OR THE ENGINEER OF RECORD WILL ENFORCE SAFETY DEVICES, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL, SAFETY AND HEALTH STANDARDS, LAWS, AND

9. INDEMNIFICATION — THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE CONDITION OF THE JOB SITE DURING THE COURSE OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNITY, AND HOLD THE DISTRICT, ENGINEER OF RECORD, AND OWNER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE DISTRICT, ENGINEER OF RECORD, OWNER, OR THIRD PARTY IN VIOLATION OF THE LAW OR IN TRESPASS.

10. PROTECTION OF PROPERTY — THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PUBLIC AND PRIVATE PROPERTY ADJACENT TO HIS WORK, AND SHALL EXERCISE DUE CAUTION TO AVOID DAMAGE TO SUCH PROPERTY. THE CONTRACTOR SHALL REPLACE OR REPAIR TO THEIR ORIGINAL CONDITION, ALL IMPROVEMENTS WITHIN OR ADJACENT TO THE WORK AREA WHICH ARE NOT DESIGNATED FOR REMOVAL, AND WHICH ARE DAMAGED OR REMOVED AS A RESULT OF HIS OPERATIONS

11. SITE CONDITIONS — THE CONTRACTOR SHALL CONTINUALLY REVIEW JOB SITE CONDITIONS. CONDITIONS REQUIRING CONSTRUCTION DIFFERENT FROM THAT SHOWN ON THE PLANS SHALL BE REPORTED TO THE OCSD INSPECTOR PRIOR TO PROCEEDING WITH THE AFFECTED CONSTRUCTION.

12. CONTRACTORS RECORD OF CHANGES — THE CONTRACTOR SHALL MAINTAIN A CURRENT, COMPLETE, AND ACCURATE RECORD OF ALL CHANGES WHICH DEVIATE FROM THE CONSTRUCTION AS SHOWN ON THESE PLANS AND SPECIFICATIONS FOR THE PURPOSE OF PROVIDING THE

13. RECORD DRAWINGS — A REGISTERED CIVIL ENGINEER MUST CERTIFY IN ACCORDANCE WITH DRAWING N-3 THAT THE IMPROVEMENTS, WHEN COMPLETED, ARE IN CONFORMANCE WITH THE APPROVED PLANS SUBJECT TO APPROVED CHANGES. THIS CERTIFICATION SHALL BE MADE PRIOR TO THE REQUEST FOR FINAL INSPECTION. RECORD DRAWINGS ("AS-BUILTS") ARE TO BE PREPARED BY THE ENGINEER-OF-RECORD PRIOR TO FINAL ACCEPTANCE OF THE WORK BY OCSD.

ENGINEER-OF-RECORD WITH A BASIS FOR THE PREPARATION OF RECORD DRAWINGS.

14. PLAN CORRECTIONS — THE PLAN CHECK AND APPROVAL OF THESE PLANS BY OCSD DOES NOT RELIEVE THE DESIGN ENGINEER FROM ANY DISCREPANCIES, ERRORS, OR OMISSIONS WHICH MAY BECOME APPARENT PRIOR TO THE COMPLETION OF CONSTRUCTION. THE DESIGN ENGINEER OR OTHER DESIGNATED ENGINEER OF WORK SHALL BE RESPONSIBLE FOR CORRECTING ANY DESIGN DEFICIENCIES, ERRORS, OR OMISSIONS TO THE APPROVED OF THE OCSD ENGINEER IN ACCORDANCE WITH THE OCSD STANDARD SPECIFICATIONS AND DRAWINGS.

NO. 75626
EXP. 06/30/24

CIVIL OR THE OF CALIFORNIA

REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY	

Cannon

1050 Southwood Drive
San Luis Obispo, CA 93401
P 805.544.7407 F 805.544.3863

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

CONSTRUCTION NOTES

N.T.S.

SCALE

DRAWN BY

CHECKED BY

OCEANO, CA

DATE

05/31/2023

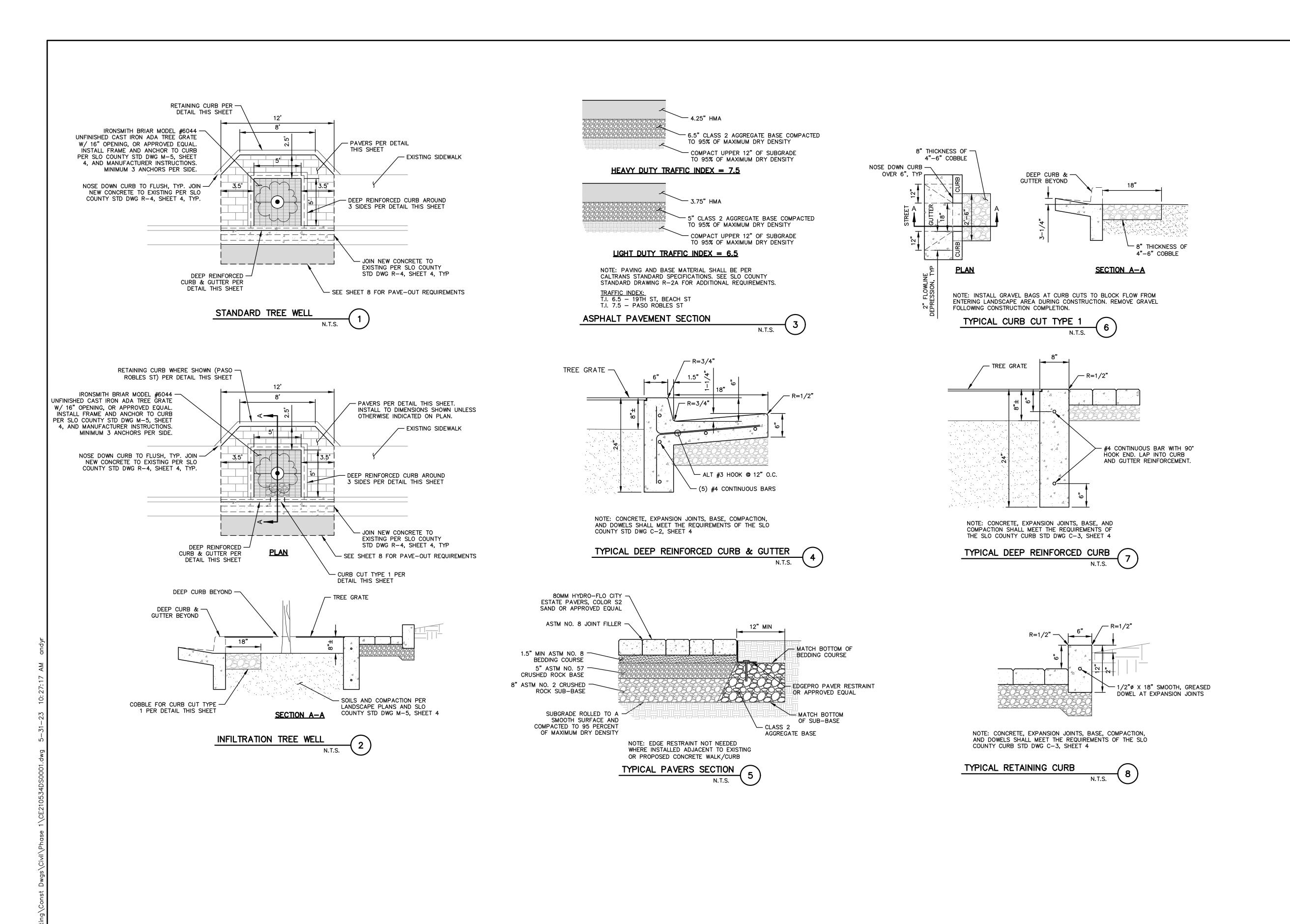
CA JOB NO.
210534

2 OF 29

Agenda Item 7D

August 9, 2023 - Page 29 of 76

Attachments - Plans and Specifications





REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY	
							1 (
							1)
							'
							<u> </u>
							THE CAN

Cannon

1050 Southwood Drive
San Luis Obispo, CA 93401
P 805.544.7407 F 805.544.3863

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

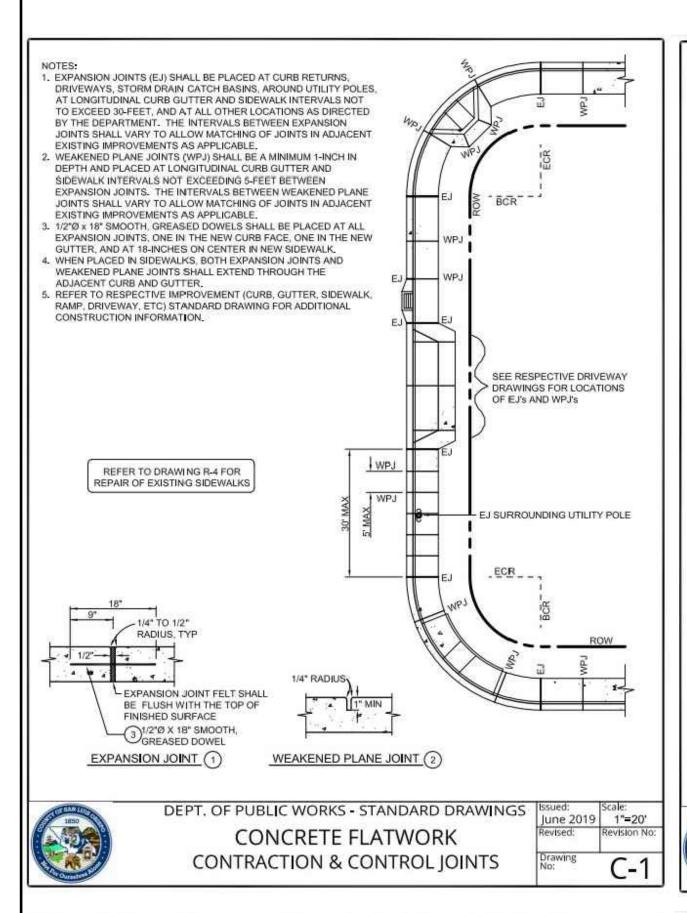
DETAIL SHEET OCEANO, CA

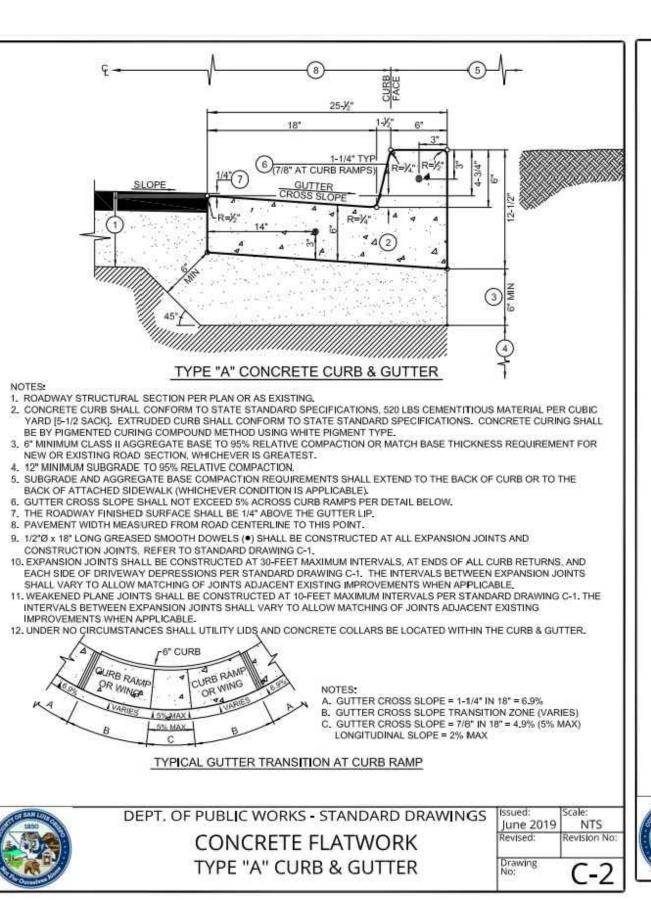
DRAWN BY		CA JOB NO.
AR	05/31/2023	210534
CHECKED BY	SCALE	SHEET
	N.T.S.	3 OF 29

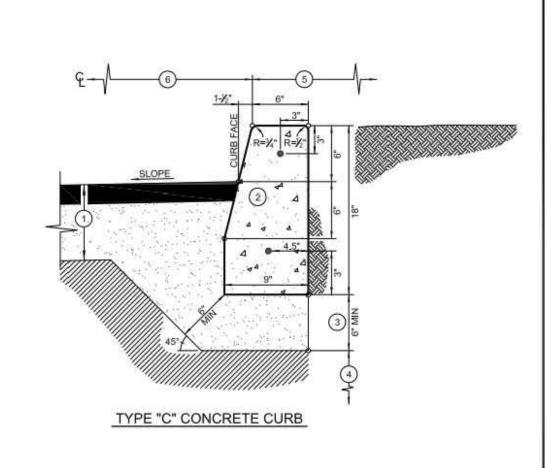
Agenda Item 7D

August 9, 2023 - Page 30 of 76

Attachments - Plans and Specifications









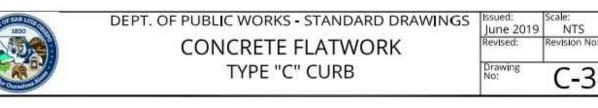
- CONCRETE CURB SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 520 LBS CEMENTITIOUS MATERIAL PER CUBIC YARD [5-1/2 SACK]. EXTRUDED CURB SHALL CONFORM TO STATE SPECIFICATIONS. CONCRETE CURING SHALL BE BY PIGMENTED CURING COMPOUND METHOD USING WHITE PIGMENT TYPE.
 6* MINIMUM CLASS II AGGREGATE BASE TO 95% RELATIVE COMPACTION OR MATCH BASE THICKNESS REQUIREMENT FOR NEW OR EXISTING ROAD SECTION, WHICHEVER IS GREATEST.
- 12" MINIMUM SUBGRADE TO 95% RELATIVE COMPACTION.
 SUBGRADE AND AGGREGATE BASE COMPACTION REQUIREMENTS SHALL EXTEND TO THE BACK OF CURB OR TO THE BACK OF ATTACHED SIDEWALK (WHICHEVER CONDITION IS APPLICABLE).
- 6. PAVEMENT WIDTH MEASURED FROM ROAD CENTERLINE TO THIS POINT.

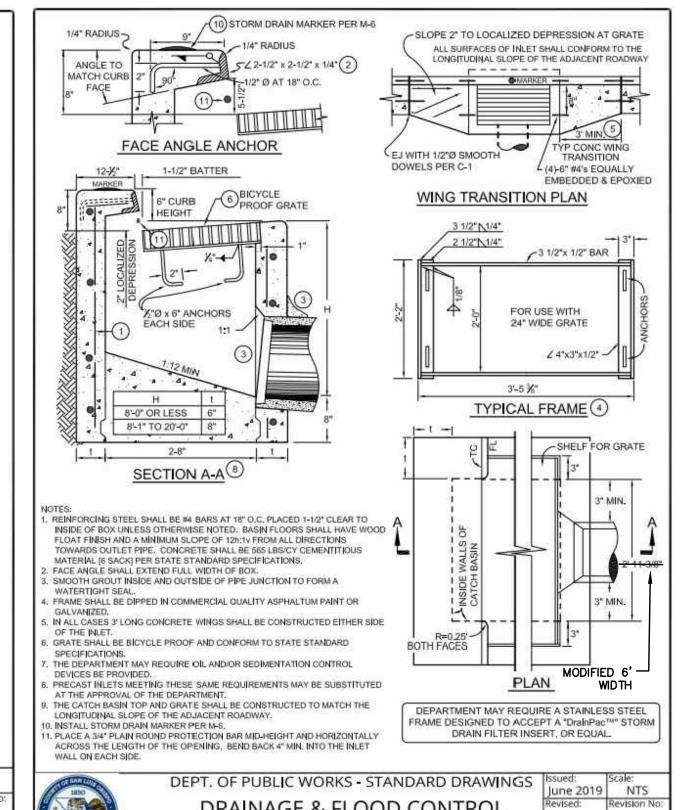
 7. 1/2"Ø x 18" LONG GREASED SMOOTH DOWELS (●) SHALL BE CONSTRUCTED AT ALL EXPANSION JOINTS PER STANDARD DRAWING C-1.

 8. EXPANSION JOINTS SHALL BE CONSTRUCTED AT 20 FEET MAXIMUM INTERVALS. AT ENDS OF ALL CHIRD DETURNS AND
- 8. EXPANSION JOINTS SHALL BE CONSTRUCTED AT 30-FEET MAXIMUM INTERVALS, AT ENDS OF ALL CURB RETURNS, AND EACH SIDE OF DRIVEWAY DEPRESSIONS. THE INTERVALS BETWEEN EXPANSION JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS ADJACENT EXISTING IMPROVEMENTS WHEN APPLICABLE PER STANDARD DRAWING C-1.

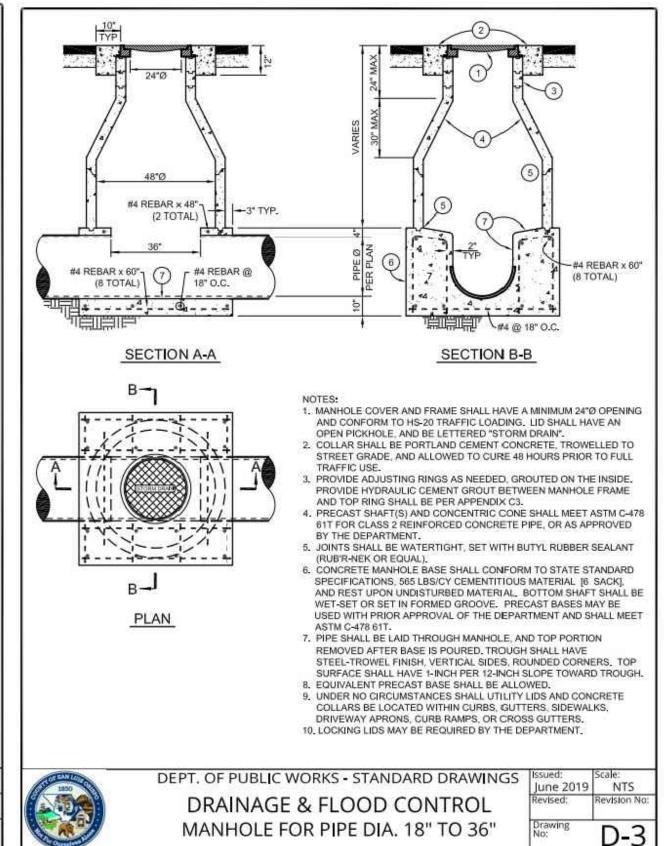
 9. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT 10-FEET MAXIMUM INTERVALS PER STANDARD DRAWING C-1. THE
- INTERVALS BETWEEN EXPANSION JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS ADJACENT EXISTING IMPROVEMENTS WHEN APPLICABLE.

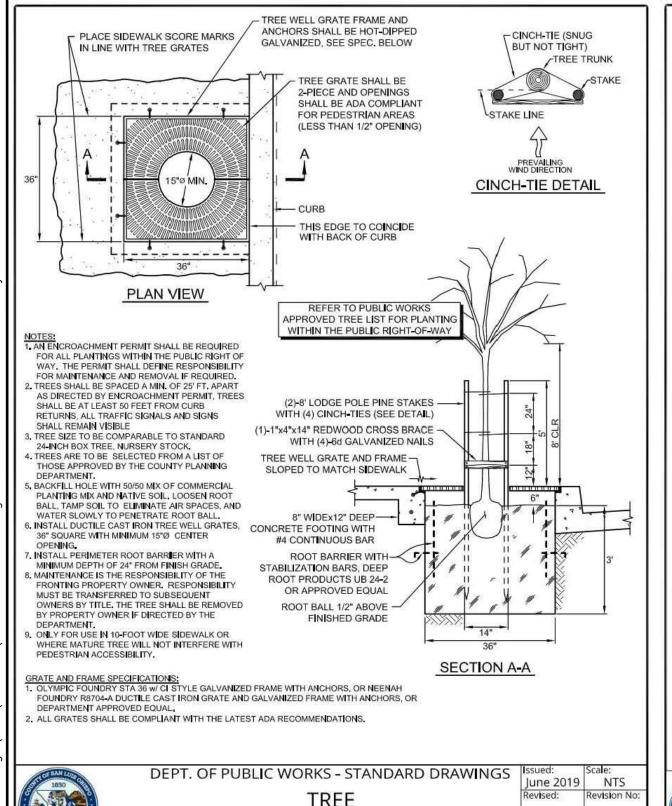
 10. UNDER NO CIRCUMSTANCES SHALL UTILITY LIDS AND CONCRETE COLLARS BE LOCATED WITHIN THE TOP OF CURB.





URBAN CATCH BASIN





PLANTING IN RIGHT-OF-WAY



STEP 2: CONSTRUCT NEW SUBGRADE

& BASE PER DEPARTMENT APPROVED

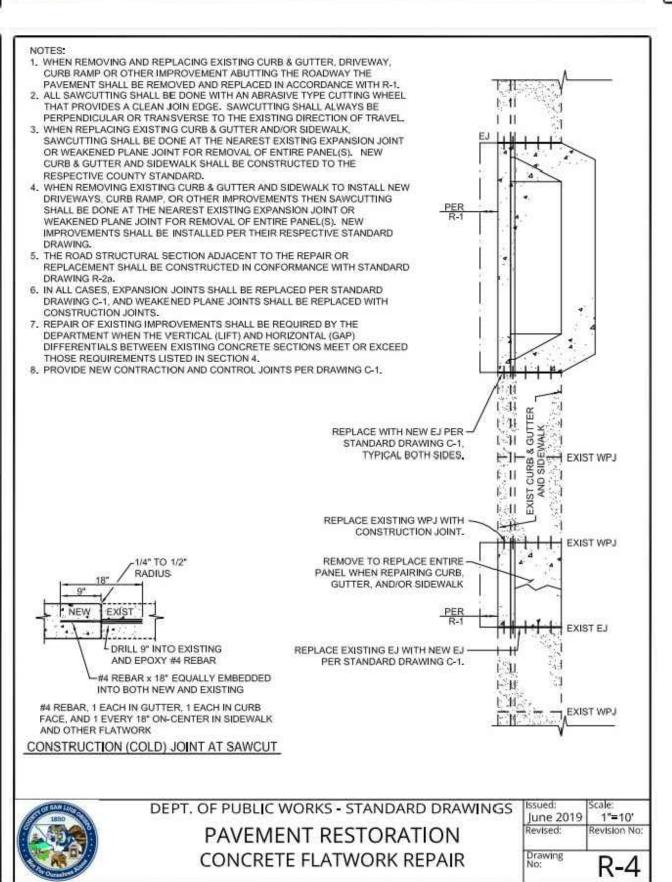
STEP 3: SAWCUT PER NOTE 1 TO

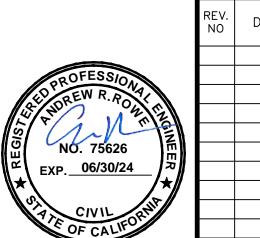
HMA SURFACE.

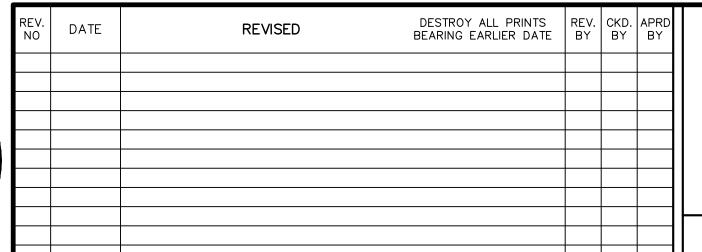
REMOVE AN ADDITIONAL 12" MIN OF

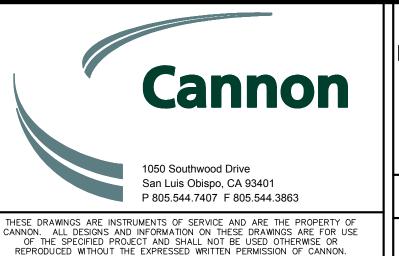
STEP 1: SAWCUT PER NOTE 1 AND

REMOVE MATERIAL TO REQUIRED









OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

DETAIL SHEET

OCEANO, CA

DRAWN BY DATE CA JOB NO.

05/31/2023

N.T.S.

SCALE

CHECKED BY

210534

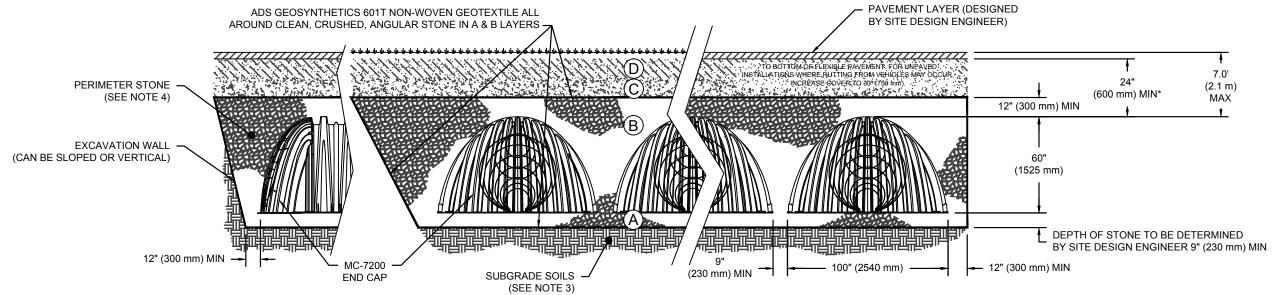
4 OF 29

Agenda Item 7D

August 9, 2023 - Page 31 of 76

August 9, 2023 - Page 31 of 76

- 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
- STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR. 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGNS, CONTACT STORMTECH FOR
- 4. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.



- 1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
- 2. MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". 3. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION
- FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. 4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURIN INSTALLATION AND BACKFILL, THE HEI HT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3.
- TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURIN INSTALLATION AT ELE ATED TEMPERATURES (ABO E 73 F / 23 C), CHAMBERS SHALL BE PRODUCED FROM REFLECTI E OLD OR YELLOW

RETENTION SYSTEM TYPICAL STORMTECH MC-7200 SECTION

MC-7200 STORMTECH CHAMBER SPECIFICATIONS

CHAMBERS SHALL BE STORMTECH MC-7200.

FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.

- 2. CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- 3. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101.
- 4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD
- IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION. 5. THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION
- 6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- 7. REQUIREMENTS FOR HANDLING AND INSTALLATION: TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING
- TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS
- TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURIN INSTALLATION AT ELE ATED TEMPERATURES (ABO E 73 F / 23 C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.
- 8. ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE
- DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS: THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
- THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO
- LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE. THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2418 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- 9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-7200 CHAMBER SYSTEM

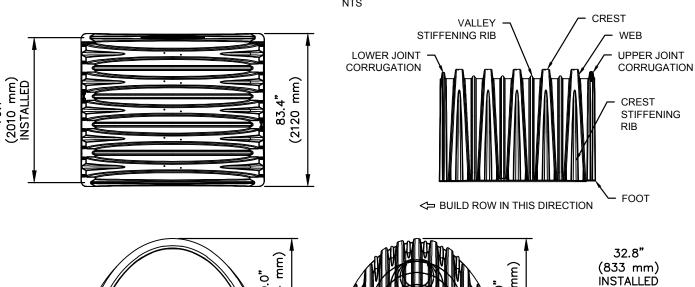
- STORMTECH MC-7200 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
- STONESHOOTER LOCATED OFF THE CHAMBER BED. BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE. BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- 4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- 5. JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- 6. MAINTAIN MINIMUM 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
- 7. INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE MEETING THE AASHTO M43 DESIGNATION OF #3
- 9. STONE SHALL BE BROUGHT UP EVENLY AROUND CHAMBERS SO AS NOT TO DISTORT THE CHAMBER SHAPE. STONE DEPTHS SHOULD NEVER
- DIFFER BY MORE THAN 12" (300 mm) BETWEEN ADJACENT CHAMBER ROWS.
- 10. STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- 11. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE SITE DESIGN
- 12. ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

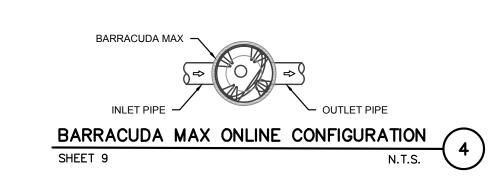
- 1. STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
- 2. THE USE OF EQUIPMENT OVER MC-7200 CHAMBERS IS LIMITED: NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
- NO RUBBER TIRED LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-3500/MC-7200 CONSTRUCTION GUIDE".
- WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
- 3. FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.

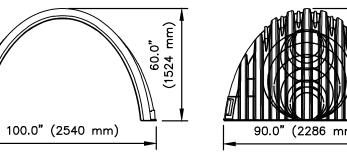
USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE BACKFILL METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH STANDARD

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



(7.56 m)





100.0" X 60.0" X 79.1" (2540 mm X 1524 mm X 2010 mm) CHAMBER STORAGE 175.9 CUBIC FEET (4.98 m) MINIMUM INSTALLED STORAGE* 267.3 CUBIC FEET WEIGHT (NOMINAL)

NOMINAL CHAMBER SPECIFICATIONS

NOTE: ALL DIMENSIONS ARE NOMINAL

90.0" X 61.0" X 32.8" (2286 mm X 1549 mm X 833 mm) **END CAP STORAGE** 39.5 CUBIC FEET MINIMUM INSTALLED STORAGE* 115.3 CUBIC FEET WEIGHT (NOMINAL)

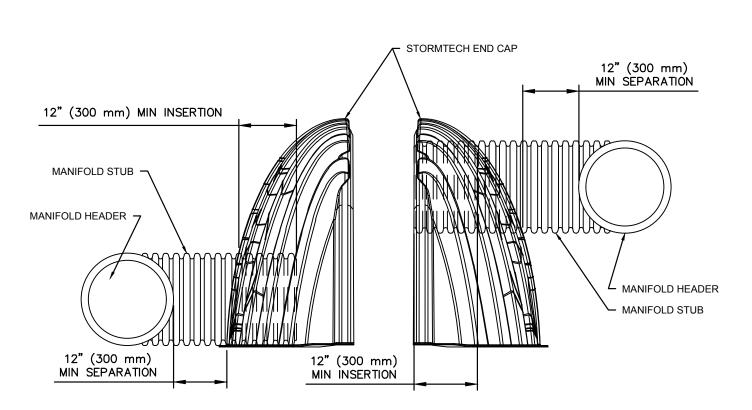
*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"

PART#	STUB	В	С
MC7200IEPP06T	6" (150 mm)	42.54" (1081 mm)	
MC7200IEPP06B	0 (130 11111)		0.86" (22 mm)
MC7200IEPP08T	8" (200 mm)	40.50" (1029 mm)	
MC7200IEPP08B	6 (200 111111)		1.01" (26 mm)
MC7200IEPP10T	10" (250 mm)	38.37" (975 mm)	
MC7200IEPP10B	10 (230 11111)		1.33" (34 mm)
MC7200IEPP12T	12" (300 mm)	35.69" (907 mm)	
MC7200IEPP12B	12 (300 11111)		1.55" (39 mm)
MC7200IEPP15T	15" (375 mm)	32.72" (831 mm)	
MC7200IEPP15B	15 (37511111)		1.70" (43 mm)
MC7200IEPP18T		29.36" (746 mm)	
MC7200IEPP18TW	18" (450 mm)	29.30 (740 11111)	
MC7200IEPP18B	10 (430 11111)		1.97" (50 mm)
MC7200IEPP18BW			1.37 (30 11111)
MC7200IEPP24T		23.05" (585 mm)	
MC7200IEPP24TW	24" (600 mm)	25.05 (565 11111)	
MC7200IEPP24B	24 (000 IIIII)		2.26" (57 mm)
MC7200IEPP24BW			2.20 (37 11111)
MC7200IEPP30BW	30" (750 mm)		2.95" (75 mm)
MC7200IEPP36BW	36" (900 mm)		3.25" (83 mm)
MC7200IEPP42BW	42" (1050 mm)		3.55" (90 mm)

CUSTOM PREFABRICATED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS, CUSTOM INVERT LOCATIONS ON THE MC-7200 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm), THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

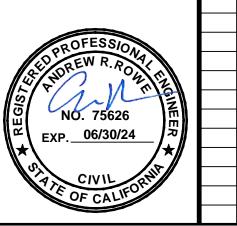
MC-7200 TECHNICAL SPECIFICATIONS SECTION SHEET 9 N.T.S.



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

MC-SERIES END CAP INSERTION DETAIL

	3
N.T.S.	3)



REV. NO	DATE	REVISED DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY		
						Ш	
						П	
						П	
						П	
						П	
						П	
						П	
						П	
						lŀ	T⊢
						$\ \ $	TH CA
						П	l

Cannon 1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863 THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

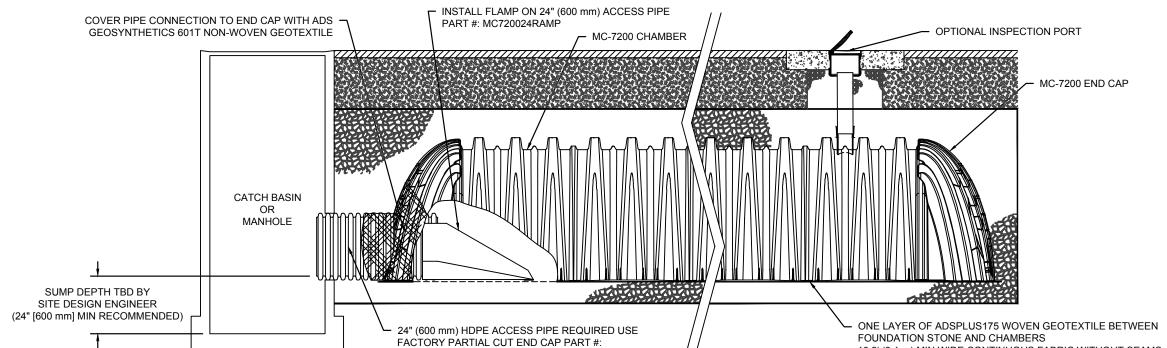
OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

DETAIL SHEET

DRAWN BY CA JOB NO. 05/31/2023 210534 CHECKED BY SCALE 5 OF **29**

OCEANO, CA

August 9, 2023 - Page 32 of 76 Agenda Item 7D Attachments - Plans and Specifications



INSPECTION & MAINTENANCE

STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT A. INSPECTION PORTS (IF PRESENT)

A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN

- A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
- A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED

 A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG

 A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)

 A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR PLUS ROWS B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
- i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
- ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE

 B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

MC-7200 ISOLATOR ROW PLUS DETAIL

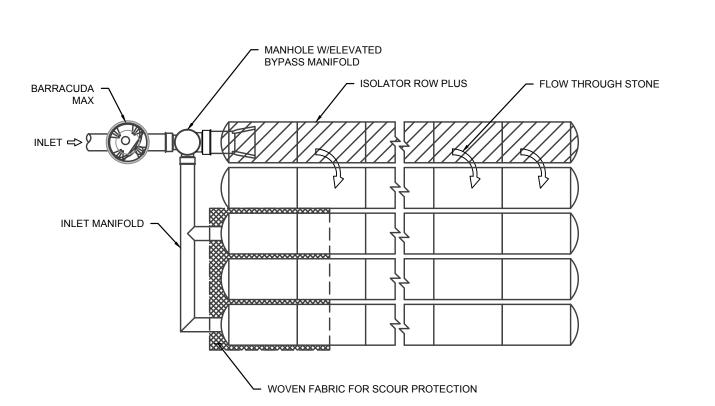
MC7200IEPP24B OR MC7200IEPP24BW

INTERVAL BASED ON PREVIOUS

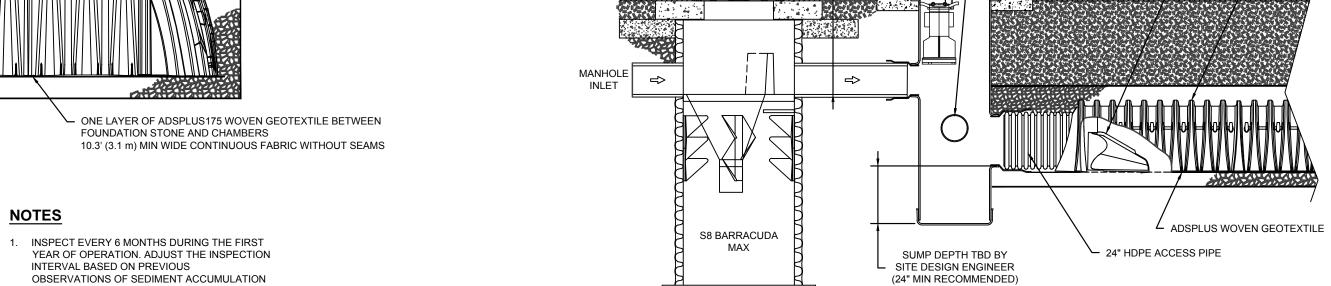
AND HIGH WATER ELEVATIONS.

2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS

THAT MAINTENANCE IS NECESSARY.



BARRACUDA MAX & ISOLATOR ROW PLUS SCHEMATIC

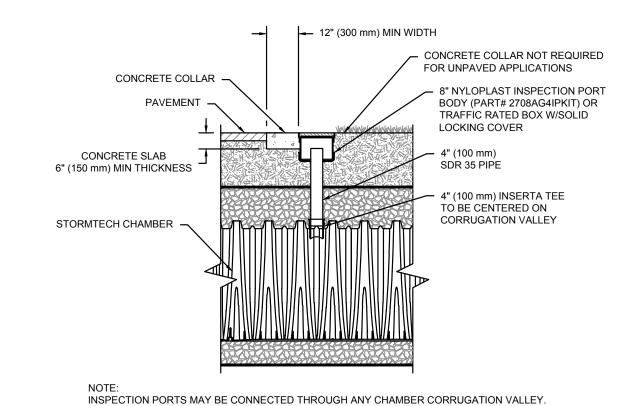


41" MINIMUM RIM TO INVERT OUT

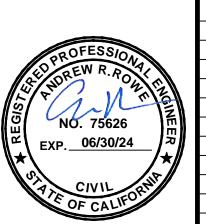
HACH FL900 SERIES ¬ FLOW LOGGER WITHIN MANHOLE

BARRACUDA MAX & ISOLATOR ROW PLUS CROSS SECTION/PROFILE

MANIFOLD



ISOLATOR ROW INSPECTION PORT SHEET 9



REV. NO	DATE	REVISED DESTRO	OY ALL PRINTS REV. S EARLIER DATE BY	CKD. BY	APRD BY	Ī
				-		ı

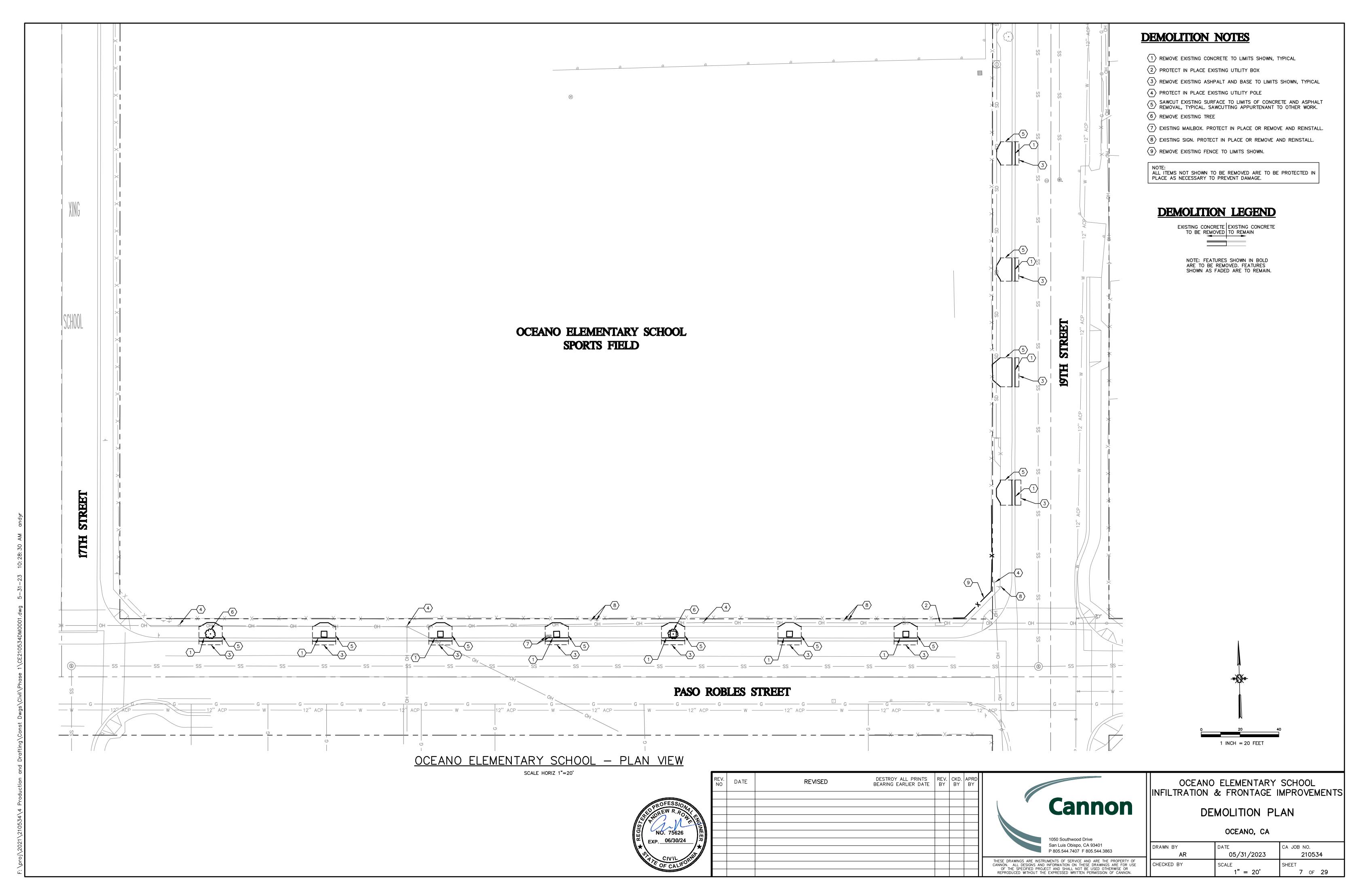
Cannon 1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863 THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

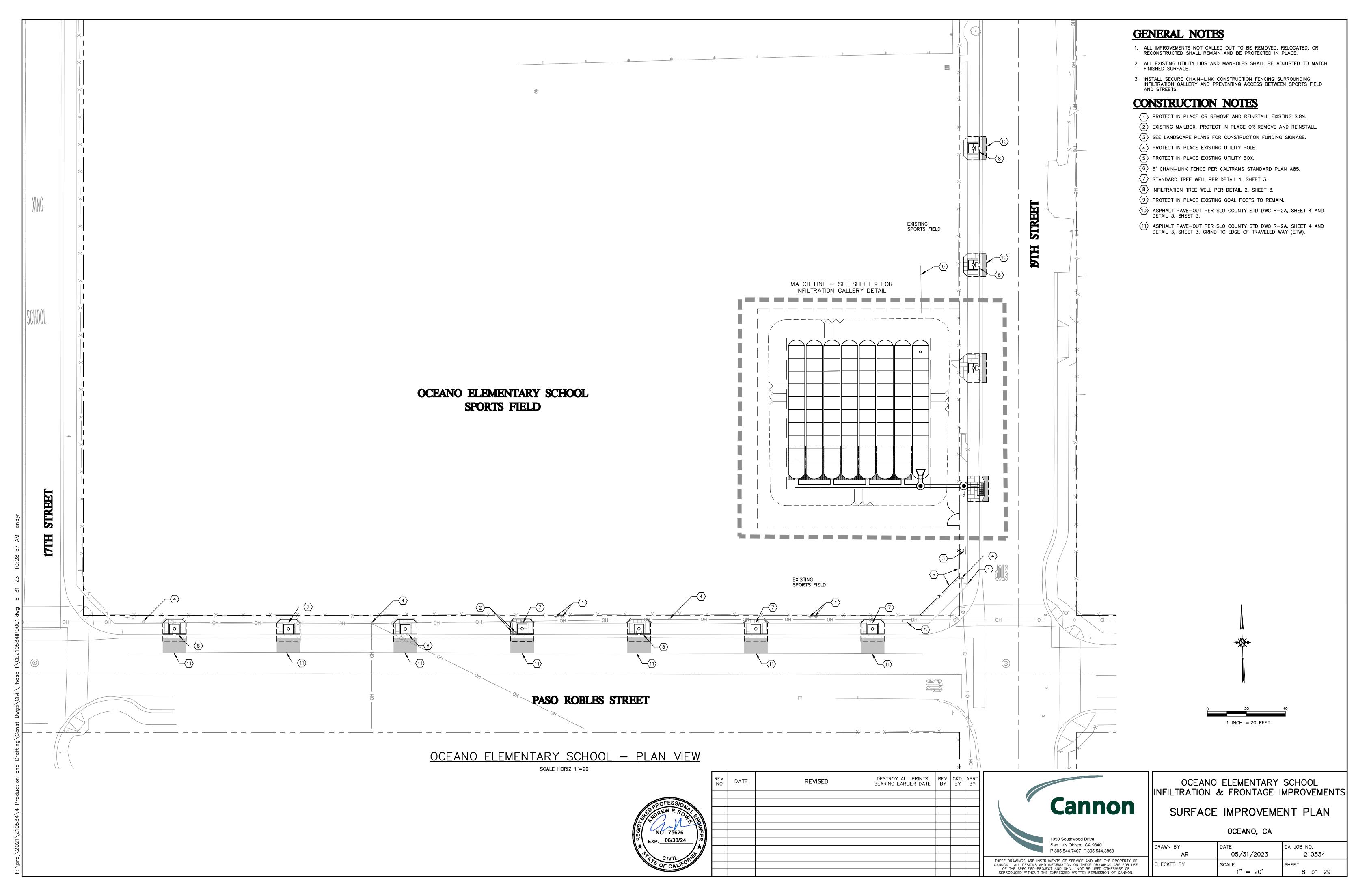
OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

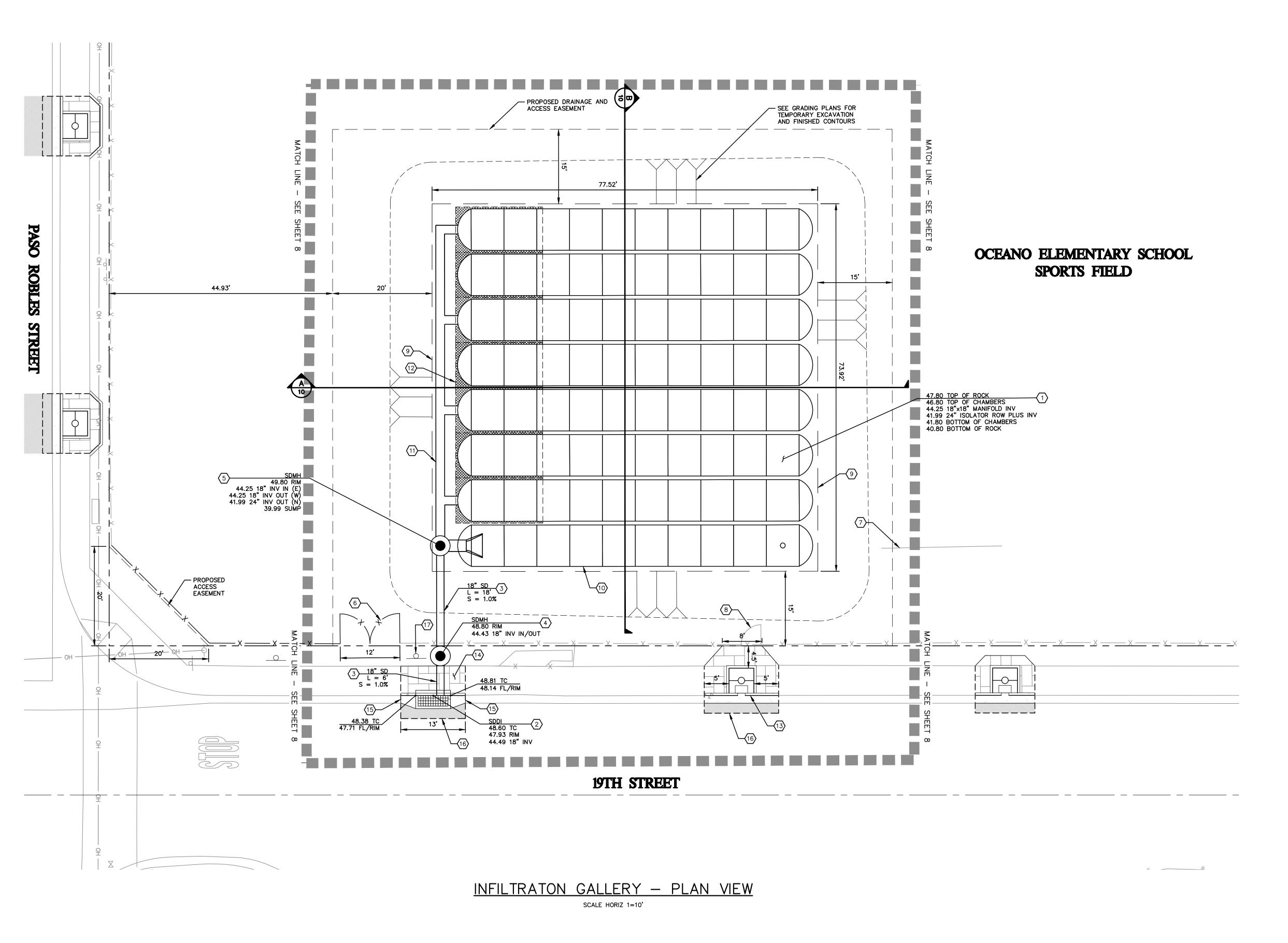
> DETAIL SHEET OCEANO, CA

DRAWN BY CA JOB NO. 05/31/2023 210534 CHECKED BY SCALE N.T.S. 6 OF **29**

August 9, 2023 - Page 33 of 76 Attachments - Plans and Specifications Agenda Item 7D





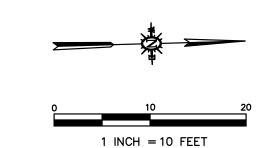


GENERAL NOTES

- 1. ALL IMPROVEMENTS NOT CALLED OUT TO BE REMOVED, RELOCATED, OR RECONSTRUCTED SHALL REMAIN AND BE PROTECTED IN PLACE.
- ALL EXISTING UTILITY LIDS AND MANHOLES SHALL BE ADJUSTED TO MATCH FINISHED SURFACE.
- 3. INSTALL SECURE CHAIN-LINK CONSTRUCTION FENCING SURROUNDING INFILTRATION GALLERY AND PREVENTING ACCESS BETWEEN SPORTS FIELD AND STREETS.

CONSTRUCTION NOTES

- 1) STORMTECH MC-7200 INFILTRATION CHAMBER GALLERY SYSTEM PER DETAILS ON SHEETS 5 AND 6, OR APPROVED EQUAL. INSTALL PER MANUFACTURER INSTRUCTIONS.
- CURB INLET CATCH BASIN PER SLO COUNTY STD DRAWING D-2, SHEET 4. DETAIL WIDTH MODIFIED TO 6' AT INSIDE WALLS OF CATCH BASIN.
- $\langle 3 \rangle$ 18" HDPE SMOOTH INNER WALL STORM DRAIN PIPE
- BARRACUDA MAX S8 HYDRODYNAMIC SEPARATOR, OR APPROVED EQUAL. INSTALL PER DETAILS ON SHEETS 5 AND 6. MANHOLE PER SLO COUNTY STD DRAWING D-3, SHEET 4.
- MANHOLE PER SLO COUNTY STD DRAWING D-3, SHEET 4. INSTALL HACH FL900 SERIES FLOW LOGGER PER MANUFACTURER INSTRUCTIONS, OR APPROVED EQUAL.
- 6 12' WIDE CHAINLINK ACCESS GATE PER CALTRANS STANDARD PLAN A85 AND A85A.
- (7) PROTECT IN PLACE EXISTING GOAL POSTS TO REMAIN.
- $\langle 8 \rangle$ PROTECT IN PLACE EXISTING 4' ACCESS GATE TO REMAIN.
- 9 LIMITS OF STONE BED PER DETAILS ON SHEETS 5 AND 6. INSTALL PER MANUFACTURER INSTRUCTIONS.
- (10) ISOLATOR ROW AND INSPECTION PORT WITH LOCKING COVER PER DETAILS ON SHEETS 5 AND 6. INSTALL PER MANUFACTURER INSTRUCTIONS.
- 11) 18" MANIFOLD PIPE PER DETAILS ON SHEETS 5 AND 6. INSTALL PER MANUFACTURER INSTRUCTIONS.
- LIMITS OF WOVEN FABRIC PER DETAILS ON SHEETS 5 AND 6. INSTALL PER MANUFACTURER INSTRUCTIONS.
- (13) INFILTRATION TREE WELL PER DETAIL 2, SHEET 3.
- (14) PAVERS PER DETAIL 5, SHEET 3.
- JOIN NEW CONCRETE TO EXISTING PER SLO COUNTY STD DWG R-4, SHEET 4.
- ASPHALT PAVE-OUT PER SLO COUNTY STD DWG R-2A, SHEET 4 AND DETAIL 3, SHEET 3.
- (17) SEE LANDSCAPE PLANS FOR INTERPRETIVE SIGNAGE.



DESTROY ALL PRINTS REV. CKD. APRD BEARING EARLIER DATE BY BY BY REVISED NO. 75626

Cannon 1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863 THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF

CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

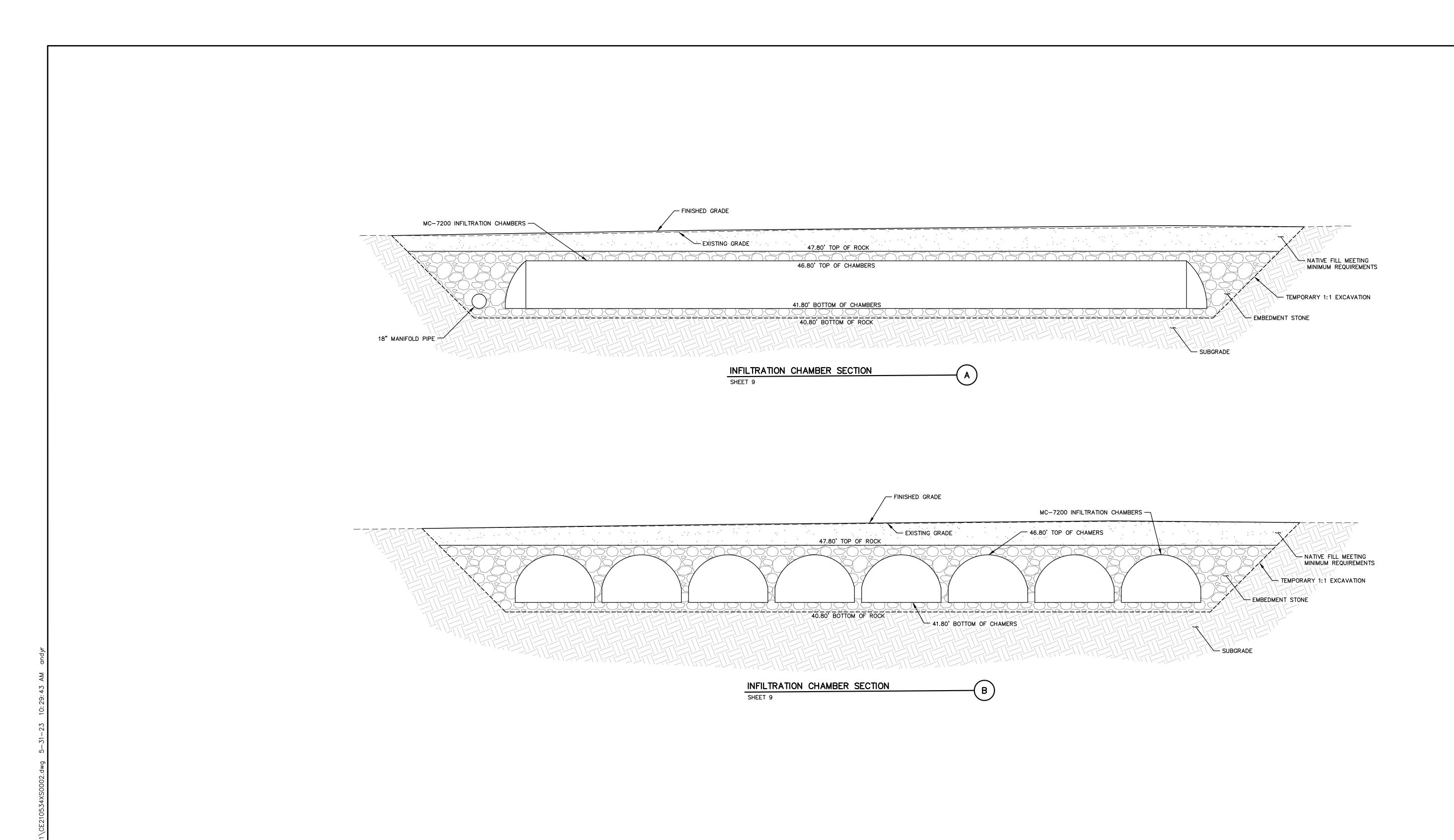
OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

STORMWATER INFILTRATION GALLERY

OCEANO, CA

DRAWN BY AR	DATE 05/31/2023	CA JOB NO. 210534				
CHECKED BY	SCALE 1" = 10'	SHEET 9 OF 29				

August 9, 2023 - Page 36 of 76 Attachments - Plans and Specifications Agenda Item 7D





REV. NO	DATE	REVISED DESTROY ALL BEARING EARL	. PRINTS REV. IER DATE BY	CKD. BY	APRD BY

	Cannon		- IN
1	1050 Southwood Drive	┞	
1	San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863		DF
	THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.		Cŀ

OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

SITE CROSS-SECTIONS

OCEANO, CA

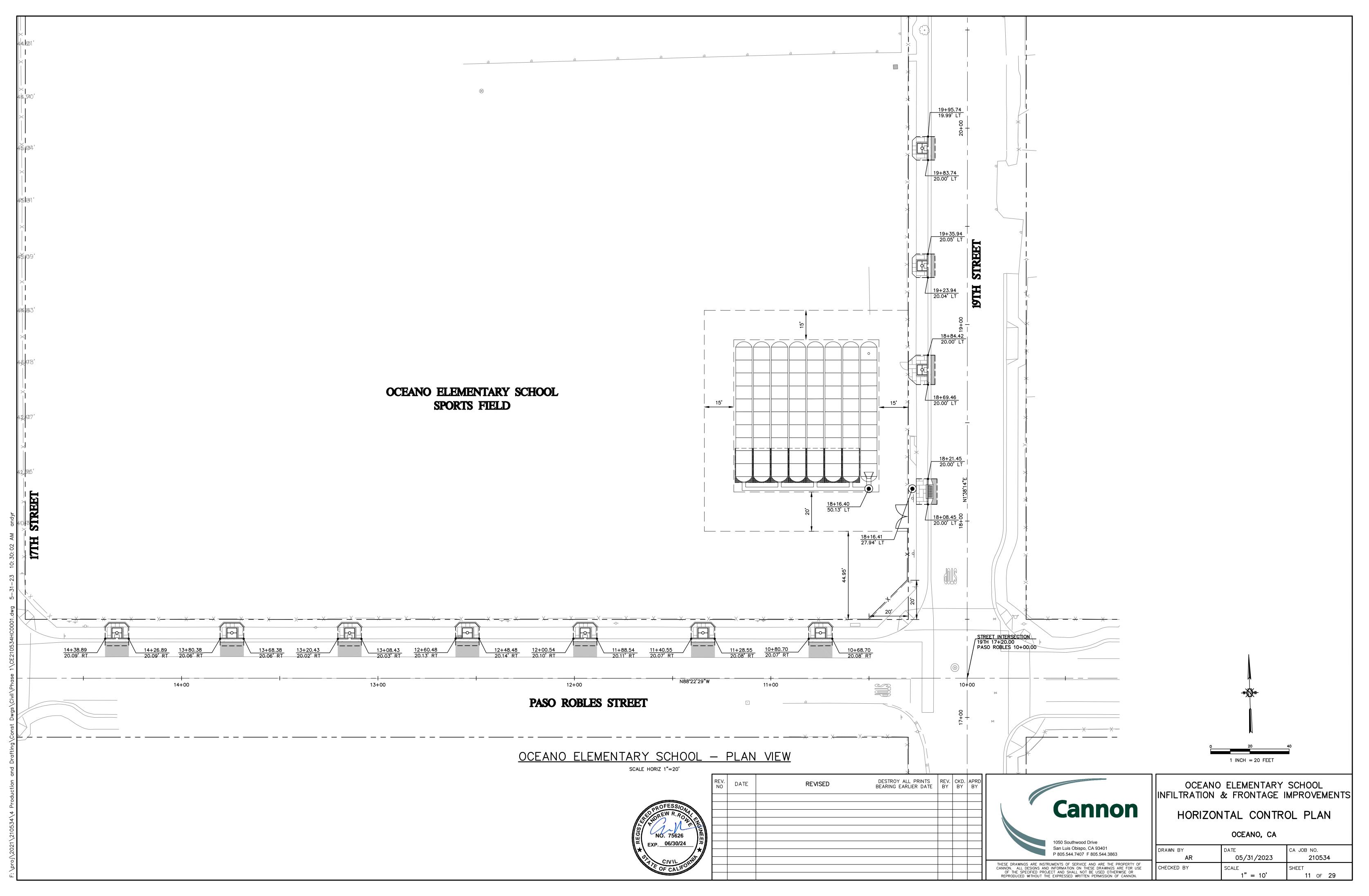
1	DRAWN BY	DATE	CA JOB NO.
4	AR	05/31/2023	210534
	CHECKED BY	SCALE AS SHOWN	SHEET 10 OF 29

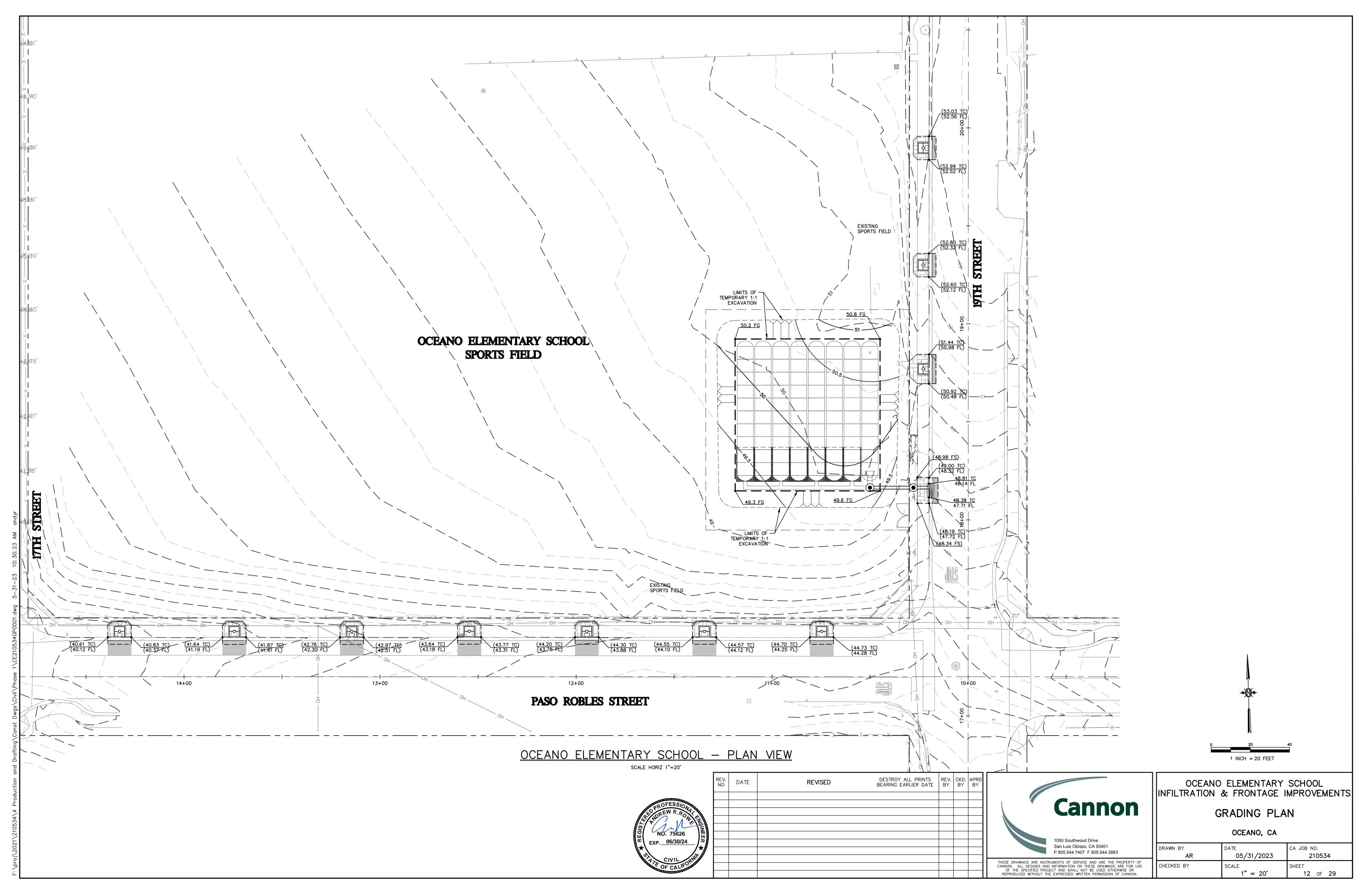
OF CALIF

Agenda Item 7D

August 9, 2023 - Page 37 of 76

Attachments - Plans and Specifications





SLO COUNTY EROSION CONTROL NOTES

A. SEDIMENT AND EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP) SHALL BE IMPLEMENTED ON ALL PROJECTS AT ALL TIMES AND SHALL INCLUDE: POLLUTANT SOURCE CONTROL, PROTECTION OF STOCKPILES, PROTECTION OF SLOPES, PROTECTION OF ALL DISTURBED AREAS, PROTECTION OF SITE ACCESS POINTS, AND PERIMETER CONTAINMENT MEASURES.

B. APPROPRIATE BMP SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF GRADING AND SITE DISTURBANCE ACTIVITIES. THE INTENT OF THE BMP SHALL BE TO PREVENT DISTURBED SEDIMENT FROM ENTERING DRAINAGE CONVEYANCES, GENERATING FUGITIVE DUST, OR MIGRATING ONTO ADJACENT PROPERTIES OR THE PUBLIC RIGHT-OF-WAY.

C. SITE INSPECTIONS AND APPROPRIATE MAINTENANCE OF ALL BMP AND EROSION CONTROL MEASURES SHALL BE CONDUCTED AND DOCUMENTED THROUGHOUT CONSTRUCTION AND ESPECIALLY PRIOR TO, DURING, AND AFTER RAIN EVENTS.

D. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL BMP AS SPECIFIED BY THE APPROVED EROSION AND SEDIMENT CONTROL PLAN UNTIL SUCH TIME THAT THE PROJECT IS ACCEPTED AS COMPLETE BY THE COUNTY OR UNTIL THE CALIFORNIA CONSTRUCTION GENERAL PERMIT FOR STORMWATER DISCHARGE NOTICE OF TERMINATION IS APPROVED BY THE STATE WATER RESOURCES CONTROL BOARD.

E. EROSION CONTROL BMP MAY BE RELOCATED, MODIFIED, OR ADDED DEPENDING ON FIELD CONDITIONS ENCOUNTERED DURING CONSTRUCTION. ADDITIONAL BMP SHALL BE INSTALLED AT THE DISCRETION OF THE SITE SUPERINTENDENT, ENGINEER OF WORK, COUNTY INSPECTOR, QUALIFIED SWPPP PRACTITIONER (QSP), OR STATE WATER RESOURCES CONTROL BOARD. GUIDELINES FOR INSTALLING APPROPRIATE EROSION CONTROL DEVICES SHALL BE INCLUDED IN THE PLANS WITH ADDITIONAL MEASURES/DEVICES NOTED.

F. SEDIMENT AND EROSION CONTROL BMP SHALL BE AVAILABLE, INSTALLED, AND/OR APPLIED PRIOR TO COMMENCEMENT OF CONSTRUCTION, INSTALLED APPROPRIATELY AS CONSTRUCTION PROGRESSES, AND MAINTAINED IN OPERABLE CONDITION UNTIL FINAL STABILIZATION OF THE SITE IS ACHIEVED. SEDIMENT AND EROSION CONTROL BMP ARE REQUIRED YEAR—ROUND.

G. WET WEATHER PREPARATION: THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE TO REVIEW THE CONDITION OF THE PROJECT SITE PRIOR TO OCTOBER 15 (RAINY SEASON) AND TO COORDINATE AN ENHANCED BMP IMPLEMENTATION PLAN FOR WET WEATHER CONDITIONS. A LOCALLY BASED STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (OCTOBER 15 THROUGH APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE AND STOCK PILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID MAINTENANCE OR REPAIR OF THE BMP THROUGHOUT THE RAINY SEASON.

H. IN THE EVENT OF A FAILURE, THE DEVELOPER AND/OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR CLEANUP AND ALL ASSOCIATED COSTS OR DAMAGE. IN THE EVENT THAT DAMAGE OCCURS WITHIN THE RIGHT OF-WAY AND THE COUNTY IS REQUIRED TO PERFORM CLEANUP, THE OWNER SHALL BE RESPONSIBLE FOR COUNTY REIMBURSEMENT OF ALL ASSOCIATED COSTS OR DAMAGE.

I. IN THE EVENT OF REPEATED FAILURE AND/OR LACK OF PERFORMANCE BY THE DEVELOPER AND/OR CONTRACTOR TO CORRECT SEDIMENT AND EROSION CONTROL RELATED PROBLEMS, THE DEPARTMENT MAY REVOKE ALL ACTIVE PERMITS. THE COUNTY MAY ISSUE A WRITTEN NOTICE OR STOP WORK ORDER IN ACCORDANCE WITH SECTION 22.52.120 OR 23.05.036 OF THE LAND USE ORDINANCE. DAILY PENALTIES MAY BE ASSESSED BY COUNTY CODE ENFORCEMENT FOR FAILURE TO COMPLY.

J. FINAL STABILIZATION OF THE SITE SHALL BE ESTABLISHED ON ALL DISTURBED SURFACES PRIOR TO FINAL ACCEPTANCE. WHERE VEGETATION IS USED FOR FINAL STABILIZATION, VEGETATION MUST BE MIXED AND APPLIED IN ACCORDANCE WITH THE BELOW TABLE AND SPECIFICATIONS. TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION IS ACHIEVED. HYDROSEED MIX FOR STABILIZATION:

CALIFORNIA BROME (BROMUS CARINATUS CUCAMONGA) 12 LBS/AC SMALL FESCUE (FESTUCA MICROSTACHYS) 5 LBS/AC

TOMCAT CLOVER (TRIFOLIUM WILLDENOVII) 2 LBS/AC CALIFORNIA POPPY (ESCHSCHOLZIA CALIFORNICA) 1.5 LBS/AC

SKY LUPINE (LUPINUS NANUS) 2 LBS/AC

GOLDFIELDS (LASTHENIA CALIFORNICA) 0.5 LB/AC INSTALL SEED MIX AT RATE OF 23 POUNDS PER ACRE ON ALL DISTURBED, UNCOMPACTED SOILS. INCORPORATE COMPOST, FIBER, AND TACKIFIER PER APPLICATOR SPECIFICATIONS BASED ON SITE SLOPE AND SOIL TYPE.

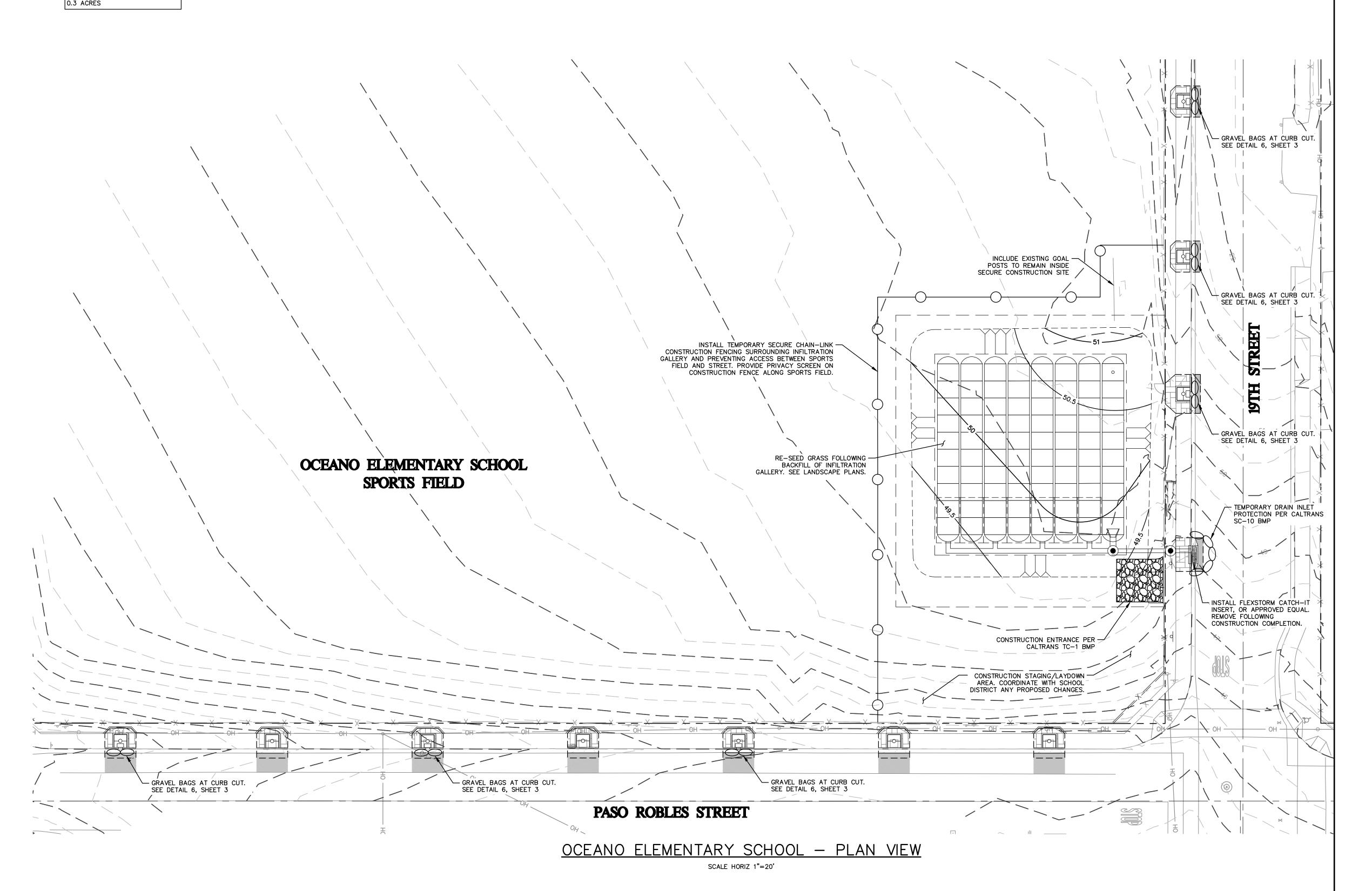
K. THE COUNTY AIR POLLUTION CONTROL DISTRICT (APCD) MAY HAVE ADDITIONAL PROJECT SPECIFIC EROSION CONTROL REQUIREMENTS. THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAINTAINING SELF—REGULATION OF THESE REQUIREMENTS.

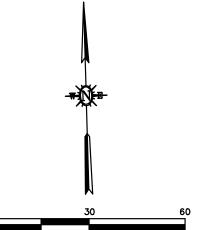
L. IF CONSTRUCTION GENERAL PERMIT FOR STORMWATER DISCHARGE ENROLLMENT IS NECESSARY, THE DEVELOPER (OR LEGALLY RESPONSIBLE AGENT) SHALL SUBMIT THE REQUIRED PERMIT REGISTRATION DOCUMENTS TO THE STATE WATER RESOURCES CONTROL BOARD AND PROVIDE PROOF OF ENROLLMENT TO THE COUNTY PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE PROJECT WASTE DISCHARGE IDENTIFICATION NUMBER (WDID#) IS: ________

CONSTRUCTION NOTES

- 1. INSTALL GRAVEL BAGS AT CURB CUTS TO BLOCK FLOW FROM ENTERING BIORETENTION AREAS. COUNTY TO REMOVE GRAVEL BAGS AT A TIME FOLLOWING CONSTRUCTION COMPLETION.
- 2. BMPS ARE SHOWN IN APPROXIMATE LOCATIONS AND CONTRACTOR TO ADJUST LOCATIONS AS NEEDED.

TOTAL PROJECT DISTURBED AREA 0.3 ACRES

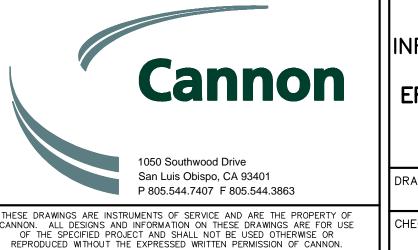




1 INCH = 30 FEET



REV. NO	DATE		REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY	
Λ	07/10/23	ISSUED FOR BID			AR	JE	JE	.
								.
								.
								.
								.
								.
								T



OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

EROSION CONTROL & SITE ACCESS PLAN

DRAWN BY

AR

DATE

05/31/2023

CHECKED BY

SCALE

1" = 20'

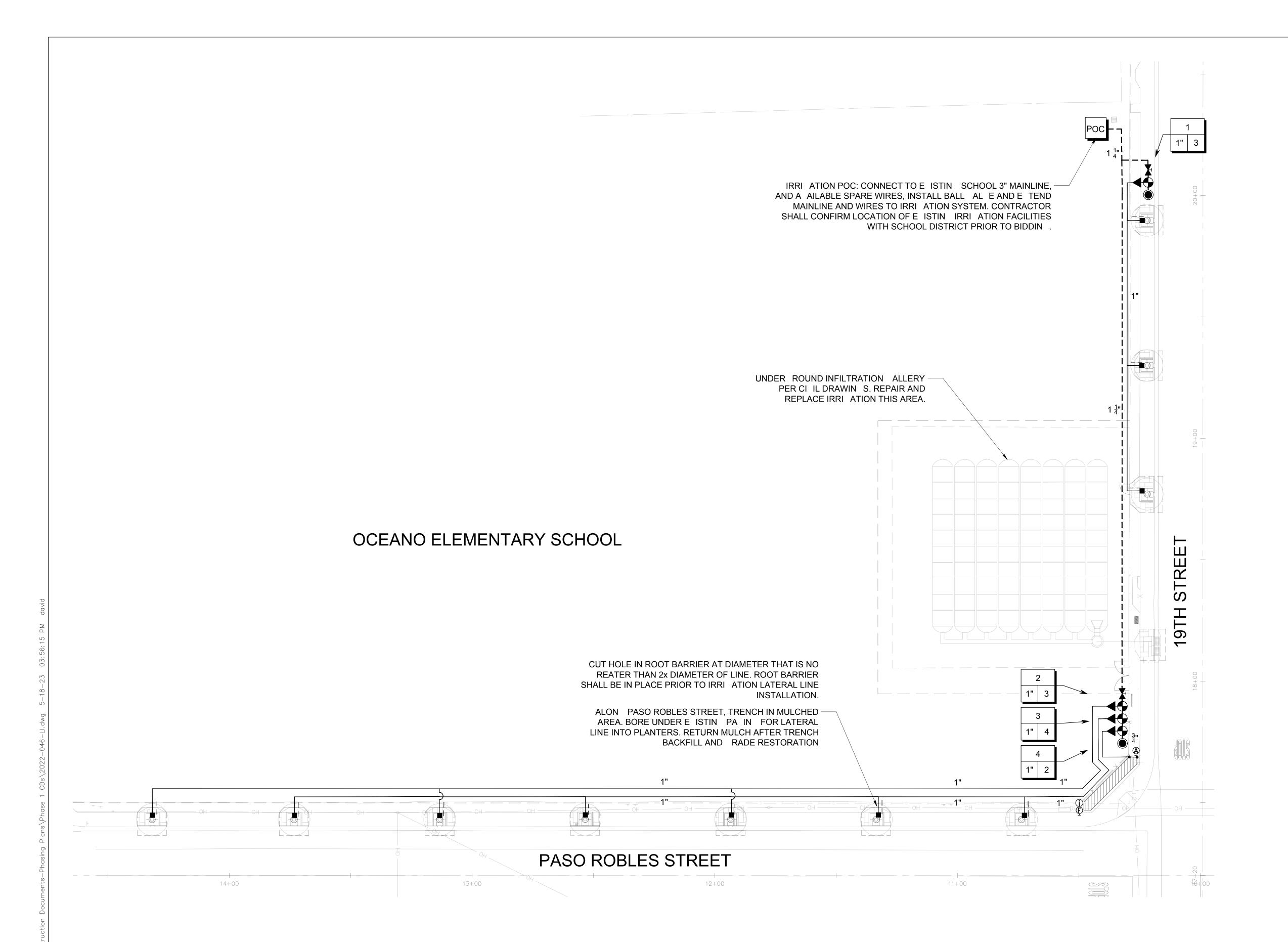
13 OF 29

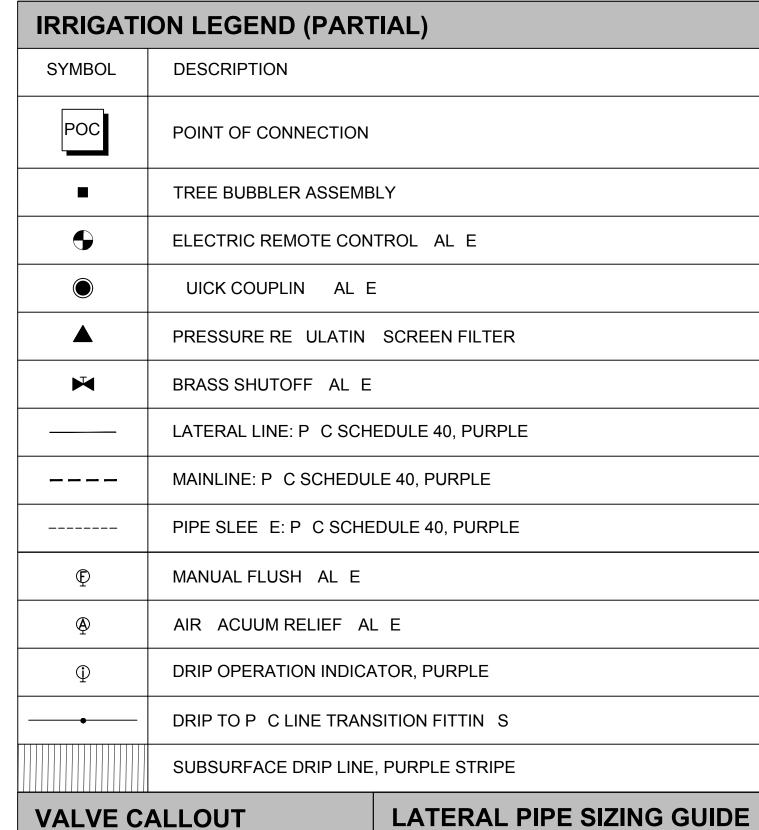
OCEANO, CA

Agenda Item 7D

August 9, 2023 - Page 40 of 76

August 9, 2023 - Page 40 of 76





UNLESS NOTED OTHERWISE, SI E LATERAL PIPE AS FOLLOWS: • AL E NUMBER — AL E FLOW (PM) 0 - 7 PM 3/4" 8 - 14 PM 15 - 20 PM 1-1/4" 21 - 30 PM -1-1/2"

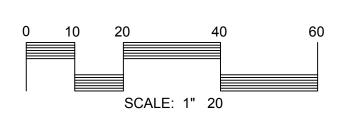
SHEET NOTES

- REFER TO SHEET LI-2.0 FOR IRRI ATION NOTES AND CALCULATIONS.
- REFER TO SHEET LI-2.0 FOR FULL IRRI ATION LE END.
- 3. REFER TO SHEET LI-3.0 AND LI-4.0 FOR IRRI ATION DETAILS.
- 4. IRRI ATION MAINLINE, SPRINKLERS AND E UIPMENT ARE SHOWN DIA RAMMATICALLY. MAINLINE AND AL ES SHALL NOT BE PLACED IN PA ED AREAS. INSTALL MAINLINE WHENE ER POSSIBLE 18" FROM WALKS, FENCES AND
- NEW IRRI ATION WILL CONNECT TO E ISTIN CONTROLLER AT OCEANO ELEMENTARY SCHOOL. ERIFY DETAILS WITH SCHOOL REPRESENTATI ES PRIOR
- REFER TO OCEANO ELEMENTARY SCHOOL AS-BUILT DRAWIN S FOR SPECIFIC LOCATIONS OF WIRE PULL BO AND E ISTIN 3" MAINLINE. CONTRACTOR SHALL ERIFY ALL INFORMATION RE ARDIN E ISTIN E UIPMENT IN THE FIELD PRIOR TO BIDDIN
- WATER SOURCE: E ISTIN WELL. A AILABLE PRESSURE: APPRO 90 PSI. CONTRACTOR SHALL ERIFY PRESSURE IN FIELD AND NOTIFY CLIENT AND LANDSCAPE ARCHITECT WITH RESULTS PRIOR TO CONSTRUCTION.
- PIPE, TREE BUBBLER ASSEMBLY AND DRIP LINE SHALL BE PURPLE TO IDENTIFY WITH THE WELL WATER SOURCE.
- 9. STATION NUMBERS SHOWN ONLY FOR IDENTIFICATION. COORDINATE WITH DISTRICT FOR FINAL STATION NUMBERS AND FOR THE RECORD PRIOR TO FINAL CONSTRUCTION.

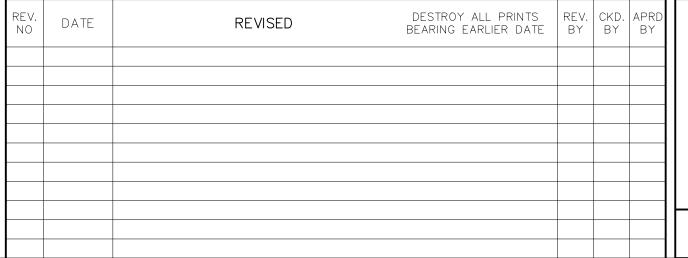


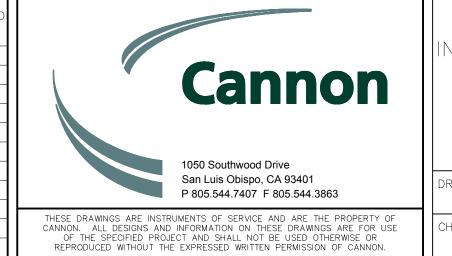
3916 Normal Street San Diego, CA 92103 619.294.4477 www.ktua.com











OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

> IRRIGATION PLAN LI-1.0 OCEANO, CA

DRAWN BY	DATE	CA JOB NO.
DJ	5/19/2023	210534
CHECKED BY	SCALE 1" = 20'	SHEET 14 OF 29

August 9, 2023 - Page 41 of 76 Agenda Item 7D Attachments - Plans and Specifications

GENERAL NOTES:

- 1. IRRI ATION MAINLINE, WIRE, AL ES AND CONTROLLERS WHICH SER E AREAS OUTSIDE OF THE PROJECT SITE SHALL REMAIN OPERATIONAL.
- 2. PROTECT IRRI ATION SYSTEMS TO REMAIN AND MAKE ANY ADJUSTMENTS NECESSARY AND AS DIRECTED ON PLANS FOR COMPLETE IRRI ATION CO ERA E. ANY DAMA E TO E ISTIN LANDSCAPE OR IRRI ATION CAUSED BY OPERATIONS OF CONTRACTOR SHALL BE REPAIRED TO ORI INAL CONDITION AT CONTRACTORS E PENSE.
- 3. E ERCISE CARE WHEN TRENCHIN AROUND E ISTIN LANDSCAPE AND PROTECT E ISTIN LANDSCAPE DURIN ALL PHASES OF WORK. WHEN ENCOUNTERED, HAND TRENCH AROUND E ISTIN PLANT/ TREE ROOTS O ER 2" IN DIAMETER. ALL DISTURBED AREAS SHALL MATCH APPEARANCE OF ADJACENT AREAS AT END OF
- 4. PRIOR TO ANY CONSTRUCTION, CONTACT AND COORDINATE WORK WITH OCEANO ELEMENTARY SCHOOL'S REPRESENTATI E TO ERIFY THE LOCATIONS OF ALL E ISTIN IRRI ATION E UIPMENT SUCH AS MAINLINE, HEADS, AL ES, AL E BO ES, CONTROLLERS AND REMOTE CONTROL WIRIN THAT MAY FALL ADJACENT TO, AND WITHIN THE LIMIT OF NEW CONSTRUCTION.
- 5. ASCERTAIN THE E TENT OF ANY SIMULTANEOUS AND ESSENTIAL WORK BY OTHERS ON THE SITE. CONTRACTORS SHALL COORDINATE THEIR OPERATIONS AND SHALL COOPERATE TO MINIMI E INTERFERENCE.
- CORRELATE AND CONFIRM DIMENSIONS AT THE JOB SITE, PRIOR TO START OF ANY WORK.
- 7. CONTRACTOR SHALL ERIFY LOCATION OF E ISTIN STUBBED OUT SPARE IRRI ATION WIRES AND THE COMMON WIRE AT THE CONNECTION POINT. RUN WIRE CONDUCTI ITY TEST ON WIRES TO ENSURE THEY ARE IABLE FOR USE. COORDINATE WITH DISTRICT FOR ASSI NMENT OF THE NEW AL ES.
- 8. COORDINATE ALL WIRE WORK WITH OCEANO ELEMENTARY SCHOOL S REPRESENTATI E PRIOR TO INSTALLIN WIRES.
- THESE SYSTEMS ARE DESI NED ACCORDIN TO AN E ISTIN STATIC WATER PRESSURE OF 90 PSI A AILABLE AT THE E ISTIN MAINLINE CONNECTION POINT. A MINIMUM OF 30 PSI IS RE UIRED AT THE SPRINKLER HEADS. ENSURE ALL LANDSCAPED AREAS AFFECTED BY THIS CONSTRUCTION RECEI E COMPLETE IRRI ATION CO ERA E.
- 10. ERIFY THE E ACT LOCATION AND THE E ISTIN A AILABLE WATER PRESSURE AT POINT OF CONNECTION PRIOR TO ORDERIN ANY IRRI ATION MATERIALS AND PROCEEDIN WITH INSTALLIN IRRI ATION SYSTEM. IF THE CONTRACTOR FAILS TO NOTIFY THE LANDSCAPE ARCHITECT SHOULD THE E ISTIN A AILABLE WATER PRESSURE FOUND BE DIFFERENT, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHAN ES AND ADDITIONS THAT MAY OCCUR TO THE SYSTEMS.
- 11. IRRI ATION MAINLINE, SPRINKLERS AND E UIPMENT ARE SHOWN DIA RAMMATICALLY. MAINLINE AND AL ES SHALL NOT BE PLACED IN PA ED AREAS.
- 12. ERIFY E ACT LOCATION OF ALL UNDER ROUND UTILITIES, STRUCTURES, E ISTIN IRRI ATION AL ES, MAINLINE, CONTROL WIRES, LATERAL LINE AND SPRINKLER HEADS IN WORK AREA PRIOR TO START OF CONSTRUCTION. IF A CONFLICT E ISTS BETWEEN SUCH OBSTACLES AND THE PROPOSED WORK, CONTRACTOR SHALL PROMPTLY NOTIFY LANDSCAPE ARCHITECT TO ARRAN E FOR RELOCATIONS IF RE UIRED WITHIN WORK AREA PRIOR TO START OF CONSTRUCTION.
- 13. INSTALL UICK COUPLIN AL ES AND REMOTE CONTROL AL ES IN PLANTIN AREAS WHENE ER POSSIBLE.
- 14. ALL LATERAL END RUNS ARE 3/4" SI E UNLESS INDICATED OTHERWISE.
- 15. ALL IRRI ATION LINES PASSIN UNDER PA IN , THROU H WALLS, STRUCTURES, ETC. SHALL BE SLEE ED WITH P C SCH 40 BELL-END PIPE. SLEE E SHALL BE 2 TIMES THE DIAMETER OF PIPE TO BE SLEE ED, MINIMUM.
- 16. CONTROL WIRES PASSIN UNDER PA IN , THROU H WALLS, STRUCTURES, ETC. SHALL BE INSTALLED IN P C SCH 40 BELL-END PIPE SLEE ES (USE SWEEPS WHERE POSSIBLE) AT LEAST 2 TIMES THE DIAMETER OF WIRE BUNDLE (2" SI E MINIMUM) KEEP SEPARATE FROM WATER LINE SLEE ES INDICATED ON PLANS.
- 17. NO LOW HEAD DRAINA E IS ALLOWED. WHERE LOW HEAD DRAINA E OCCURS, THE CONTRACTOR SHALL INSTALL AN ANTI-DRAIN AL E UNDER EACH SPRINKLER HEAD. THE ANTI-DRAIN AL E WILL BE THE SAME DIAMETER SI E AS THE RISER AND SHALL BE INTE RATED INTO THE RISER ASSEMBLY. AL E SHALL BE "HUNTER HC ", OR APPRO ED E UAL. IN THE CASE OF HEADS WITH BUILT-IN ANTI-DRAIN AL ES, THE MANUFACTURERS INTE RATED CHECK AL E SHALL BE
- 18. ALL PLANTIN S SHALL BE FULLY WATERED IN UPON PLANTIN . DO NOT RELY SOLELY UPON THE SPRINKLER SYSTEM. UTILI E SUPPLEMENTAL HOSE WATERIN AS RE UIRED, INITIALLY AND DURIN THE PLANT ESTABLISHMENT PERIOD, TO ENSURE ALL PLANTIN S RECEI E ADE UATE AND RE ULAR WATER TO THE ENTIRE ROOT ONE.

REPAIR & REPLACE NOTES:

- 1. THE E ACT LOCATION OF E ISTIN E UIPMENT MAY BE DIFFERENT FROM THAT SHOWN HEREON. PRIOR TO CONSTRUCTION OR E CA ATION FIELD ERIFY ALL E ISTIN LOCATIONS OF IRRI ATION E UIPMENT AND LINES.
- 2. INSPECT THE PROJECT SITE PRIOR TO BE INNIN WORK, AND TO THE BEST OF ABILITIES, DETERMINE WHICH E ISTIN IRRI ATION FACILITIES ARE AFFECTED BY CONSTRUCTION OF SITE IMPRO EMENTS.
- 3. TAKE APPROPRIATE ACTION PRIOR TO RADIN, TO ENSURE THAT E ISTIN PRESSURI ED WATER LINES, LATERAL LINES AND IRRI ATION CONTROL WIRES ARE PROPERLY DISCONNECTED, RELOCATED AND/OR CAPPED TO PRE ENT WATER SPILLA E OR POTENTIAL HA ARDS.
- 4. HA E A UALIFIED PERSON ON SITE TO DISCONNECT AND CAP E ISTIN IRRI ATION FACILITIES.

- 5. OBTAIN APPRO AL FROM THE DISTRICT'S REPRESENTATI E FOR RELOCATION OF E ISTIN FACILITIES PRIOR TO CONSTRUCTION.
- 6. ERIFY E ACT LOCATIONS AND STAKE ALL DISCONNECTED, CAPPED OR RELOCATED FACILITIES IN THE FIELD.
- 7. AT ALL TIMES, ENSURE THAT E ISTIN IRRI ATION FACILITIES STAY OPERATIONAL AND ADJOININ UNDISTURBED AREAS RECEI E ADE UATE AND RE ULAR IRRI ATION.
- 8. HAND IRRI ATE ALL E ISTIN LANDSCAPED AREAS WHICH CANNOT BE IRRI ATED BY E ISTIN FACILITIES AFFECTED BY THE IMPRO EMENTS UNTIL IRRI ATION SYSTEMS ARE RESTORED.
- 9. MODIFY E ISTIN IRRI ATION SYSTEMS IN AREAS INDICATED ON THE PLANS. RELOCATED E UIPMENT SHALL INCLUDE, BUT NOT BE LIMITED TO: SPRINKLER HEADS, DISTRIBUTION LINES, AND IRRI ATION WIRE. ANY NEW E UIPMENT WILL MATCH THE MANUFACTURER AND MODEL NUMBER OF E UAL, OF E ISTIN E UIPMENT.
- 10. RE ULAR WATERIN OF E ISTIN LANDSCAPED AREAS SHALL OCCUR THROU HOUT THE CONSTRUCTION PROCESS. NOTIFY DISTRICT S REPRESENTATI E WELL IN AD ANCE AND COORDINATE WORK SUCH THAT WATER SER ICE IS ONLY DISRUPTED FOR THE BRIEF MOMENT RE UIRED TO MAKE CONNECTIONS TO E ISTIN MAINLINES.
- 11. PATCH AND REPAIR ALL E ISTIN PLANTIN AND IRRI ATION WORK DAMA ED BY INSTALLATION OF NEW IRRI ATION WORK. ALL REPAIRED AREAS SHALL MATCH ADJACENT AREAS. REPAIRED/ REPLACED IRRI ATION MATERIALS SHALL BE OF SAME MANUFACTURER AND MODEL AS DISTURBED ORI INAL.CONSTRUCTION MODIFICATIONS TO E ISTIN SYSTEMS SHALL ACHIE E "HEAD TO HEAD" CO ERA E.
- 12. CHALK THE CONFI URATION OF THE MODIFIED SYSTEM IN THE FIELD AND OBTAIN APPRO AL FROM THE DESI NATED DISTRICT'S REPRESENTATI E PRIOR TO TRENCHIN
- 13. AFTER E ISTIN IRRI ATION SYSTEM MODIFICATIONS ARE COMPLETE, CONTRACTOR SHALL CONDUCT A CO ERA E TEST IN THE PRESENCE OF THE DISTRICT'S REPRESENTATI E AND THE LANDSCAPE ARCHITECT FOR FINAL APPRO AL.

IRRIGATION CALCULATIONS

•	lo.: 2022-046	•					Date:	May 16, 20	020
					-		ng Agency:	County of San Lu	
					Land	scape Pi	roject Type:	Non-reside	ntia
Project Na		19th Street Ocea							
	Evapotranspira	ation (ETo):	40.57	in/yr		tation #		202	
-	cape Area):		409	sq ft	Plann	ing Area	l	Nipomo	
	ial Landscape <i>I</i>			sq ft					
Water Sou	rce:	Non-potable Wa	ter		SLA Des	cription:	1	Crop plants	
								RW irrigation	
		ed Water Allowa						RW feature/s	
		(0.45 x LA) + (0.5						Active turf	
ETo		apotranspiration		/ear)				Total:	
		actor (to get gallo							
0.45	-	nt Factor (ETAF)		rs and irrigation	n efficiency)				
LA	•	rea including any							
		ater Allowance for	•						
SLA	•	scape Area (in sq	ft) (edible crop	os, recycled wa	ater features,	recycled	water, recrea	tional/active turf ar	eas
Calculation	_								
(40.569999	9999999) x (0.6	2) x [(0.45 x 409)	+ (0.55 x 0)]				MAWA =	4,631	
	= (ETo) (0.62) [(F = Reference eva	Nater use (gal/yi PF x HA ÷ IE) + S apotranspiration of the control of the contro	SLA] (in inches per y	/ear)					
ETWU =	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fa (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.0 rea (low, moderate ciency (Bubbler: 0	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7	Landscape Sp; artificial turf: er use in sq ft) '5; Microspray:	0.1-0.2; water	r features	Rotor: 0.75; Dr	ip:0.81) tional/active turf ar	reas
ETWU = ETO 0.62 PF HA IE	= (ETo) (0.62) [(F = Reference evaluation of a = Conversion fa = Plant Factor fa (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.0 rea (low, moderate ciency (Bubbler: 0	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7	Landscape Sp; artificial turf: er use in sq ft) '5; Microspray:	0.1-0.2; water	r features	Rotor: 0.75; Dr	•	reas
ETWU = ETo 0.62 PF HA IE SLA Calculation	= (ETo) (0.62) [(F = Reference evaluation of a = Conversion fa = Plant Factor fa (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.0 rea (low, moderate siency (Bubbler: 0 scape Area (in sq	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7	Landscape Sp; artificial turf: er use in sq ft) '5; Microspray:	0.1-0.2; water	r features	Rotor: 0.75; Dr	•	reas
ETWU = ETo 0.62 PF HA IE SLA Calculation	= (ETo) (0.62) [(F = Reference evaluation of a = Conversion fa = Plant Factor fa (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands (199999999) x (0.60)	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.0 rea (low, moderate siency (Bubbler: 0 scape Area (in sq	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7	Landscape Sp ; artificial turf: er use in sq ft) 75; Microspray: os, recycled wa	0.1-0.2; water	r features	Rotor: 0.75; Dr water, recrea	tional/active turf ar	reas
ETWU = ETO 0.62 PF HA IE SLA Calculation (40.569999	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fi (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands = 199999999) x (0.62)	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.0 rea (low, moderate siency (Bubbler: 0 scape Area (in sq	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7 ft) (edible crop	Landscape Sp; artificial turf: er use in sq ft) (75; Microspray: os, recycled wath) Hydrozone	0.1-0.2; water 0.75; Rotato ater features,	r features	Rotor: 0.75; Dr water, recrea	tional/active turf ar	reas
ETWU = ETo 0.62 PF HA IE SLA Calculation	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fi (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands = 199999999) x (0.62)	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.0 rea (low, moderate siency (Bubbler: 0 scape Area (in sq	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate 81; Spray: 0.7 ft) (edible crop	Landscape Sp; artificial turf: er use in sq ft) 75; Microspray: os, recycled water the transfer of the transfe	0.1-0.2; water 0.75; Rotato ater features, PF x HA	r features	Rotor: 0.75; Dr water, recrea	tional/active turf ar	·eas
ETWU = ETO 0.62 PF HA IE SLA Calculation (40.569999	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fi (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands (1.50) (0.60) Plant Water Use Type	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use C moderate: 0.4-0.1 rea (low, moderate ciency (Bubbler: 0 scape Area (in sq 2) x [(152) + 0]	(in inches per yons per sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7 ft) (edible crop	Landscape Sp; artificial turf: er use in sq ft) (75; Microspray: os, recycled wath) Hydrozone	0.1-0.2; water 0.75; Rotato ater features,	r features	Rotor: 0.75; Dr water, recrea	3,824 Irrigation	reas
ETWU = ETO 0.62 PF HA IE SLA Calculation (40.569999 Hydrozone No.	= (ETo) (0.62) [(F = Reference evants = Conversion fats = Plant Factor for (low: 0.1-0.3, = Hydrozone Art = Irrigation Efficies = Special Lands = 1.5 1.5	PF x HA ÷ IE) + S apotranspiration of actor (to get gallon from Water Use Comoderate: 0.4-0.4 frea (low, moderate siency (Bubbler: 0 freape Area (in square) 2) x [(152) + 0]	(in inches per your sper sq ft) classification of 6, high: 0.7-1.0 e, or high wate 1.81; Spray: 0.7 ft) (edible crop	Landscape Sp ; artificial turf: er use in sq ft) 75; Microspray: os, recycled wa Hydrozone Area (HA) (sq ft)	0.1-0.2; water 0.75; Rotato ater features, PF x HA (sq ft)	r features r: 0.75; R recycled	Rotor: 0.75; Dr water, recrea ETWU = PF x HA / IE	3,824 Irrigation Method	reas
ETWU = ETO 0.62 PF HA IE SLA Calculation (40.569999 Hydrozone No. 1	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fi (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands : : :9999999) x (0.6) Plant Water Use Type Classification Low	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use Comoderate: 0.4-0.4 frea (low, moderate: ency (Bubbler: 0 freape Area (in square) x [(152) + 0] Plant Trees Shrubs/GC	(in inches per yns per sq ft) classification of 6, high: 0.7-1.0 e, or high wate 1.81; Spray: 0.7 ft) (edible crop	Landscape Sp; artificial turf: er use in sq ft) 75; Microspray: os, recycled was hydrozone Area (HA) (sq ft) 250 159	0.1-0.2; water 0.75; Rotato ater features, PF x HA (sq ft) 75	r features r: 0.75; R recycled	Rotor: 0.75; Dr water, recrea ETWU = PF x HA / IE 93	3,824 Irrigation Method Bubbler	reas
ETWU = ETO 0.62 PF HA IE SLA Calculation (40.569999 Hydrozone No. 1	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fi (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands : : :9999999) x (0.6) Plant Water Use Type Classification Low	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use Comoderate: 0.4-0.4 frea (low, moderate: ency (Bubbler: 0 freape Area (in square) x [(152) + 0] Plant Trees Shrubs/GC	(in inches per your sper sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7 ft) (edible croper of the context of the c	Landscape Sp; artificial turf: er use in sq ft) 75; Microspray: os, recycled was hydrozone Area (HA) (sq ft) 250 159	0.1-0.2; water 0.75; Rotato ater features, PF x HA (sq ft) 75	r features r: 0.75; R recycled	Rotor: 0.75; Dr water, recrea ETWU = PF x HA / IE 93 59 152	3,824 Irrigation Method Bubbler Drip	reas
ETWU = ETO 0.62 PF HA IE SLA Calculation (40.569999 Hydrozone No. 1	= (ETo) (0.62) [(F = Reference eva = Conversion fa = Plant Factor fi (low: 0.1-0.3, = Hydrozone Ar = Irrigation Effic = Special Lands : : :9999999) x (0.6) Plant Water Use Type Classification Low	PF x HA ÷ IE) + S apotranspiration of actor (to get gallor from Water Use Comoderate: 0.4-0.4 frea (low, moderate: ency (Bubbler: 0 freape Area (in square) x [(152) + 0] Plant Trees Shrubs/GC	(in inches per your sper sq ft) classification of 6, high: 0.7-1.0 e, or high wate .81; Spray: 0.7 ft) (edible croper of the context of the c	Landscape Sp; artificial turf: er use in sq ft) 75; Microspray: os, recycled was hydrozone Area (HA) (sq ft) 250 159	0.1-0.2; water 0.75; Rotato ater features, PF x HA (sq ft) 75	r features r: 0.75; R recycled	Rotor: 0.75; Dr water, recrea ETWU = PF x HA / IE 93 59	3,824 Irrigation Method Bubbler	reas

SYMBOL	DESCRIPTION	MANUFACTURER / MODEL	REMARKS	DETAIL
•	TREE BUBBLER ASSEMBLY	RAINBIRD RWS-M-B-C 1402, 18" MINI SLEE E & LOCKIN PURPLE RATE (RWS- RATE-P), SPRIN CHECK AL E, 1402 BUBBLER, SWIN JOINT ASSEMBLY. PRO IDE AND CUT RWS SOCK TO CO ER SLEE E.	PRO IDE TWO PER TREE	F / LI-3.0
•	ELECTRIC REMOTE CONTROL AL E	HUNTER IB -FS (1")	APPRO IMATE LOCATION SHOWN, FIELD ERIFY	D / LI-3.0
A	PRESSURE RE ULATIN SCREEN FILTER	HUNTER HFR-100-075-40	APPRO IMATE LOCATION SHOWN, FIELD ERIFY	D / LI-3.0
	SUBSURFACE DRIP LINE, PURPLE STRIPE	NETAFIM TLHC R-RE-R7-12	0.7 PH/ 12" EMITTER SPACIN . DRIP LATERALS SPACED 12" APART, WITH EMITTERS OFFSET FOR TRIAN ULAR PATTERN, WITH NETAFIM FITTIN S.	B,C / LI-4.0
©	MANUAL FLUSH AL E	P C BALL AL E FLUSH ASSEMBLY IN 10" ROUND REEN CARSON BO	PRO IDE AT EACH DRIP ONE.	D / LI-4.0
(AIR ACUUM RELIEF AL E	HUNTER A R-075, AIR ACUUM RELIEF AL E	PRO IDE AT EACH DRIP ONE AT HI HEST ELE ATION POINT IN DRIP ONE	E / LI-4.0
Ф	DRIP OPERATION INDICATOR	HUNTER ECO-ID-12-R	PRO IDE AT EACH DRIP ONE.	F / LI-4.0
•	DRIP TO P C LINE TRANSITION FITTIN S	P C SCH 40 ELL, LINE SI E SLIP $\frac{1}{2}$ " FIPT AND $\frac{1}{2}$ " BARBED MALE ADAPTER	INSTALL PER IRRI ATION DETAILS	B,C / LI-4.0
	UICK-COUPLIN AL E	RAIN BIRD 33-DNP 3/4" BRASS UICK-COUPLIN AL E, WITH CORROSION-RESISTANT STAINLESS STEEL SPRIN, PURPLE LOCKIN THERMOPLASTIC RUBBER CO ER, DOUBLE TRACK KEY LU, AND 2-PIECE BODY.	APPRO IMATE LOCATION SHOWN, FIELD ERIFY	E / LI-3.0
×	BRASS SHUTOFF AL E	NIBCO T580-70-66	APPRO IMATE LOCATION SHOWN, FIELD ERIFY	A / LI-3.0
	LATERAL LINE: P C SCHEDULE 40, PURPLE	P C SCHEDULE 40 WITH SCHEDULE 40 FITTIN S	1" SI E & ABO E ARE INDICATED ON THE PLANS. LINE ENDS ARE \(^3\)\text{"} SI E UNLESS OTHERWISE INDICATED.	B,C / LI-3.0
	MAINLINE	P C CLASS 315 FOR 2" SI E, P C SCHEDULE 40 FOR 1-1/2" SI E AND SMALLER SI ES (SI E PER PLAN), PURPLE	APPRO IMATE LOCATION SHOWN, FIELD ERIFY	B,C / LI-3.0
	PIPE SLEE E	P C SCHEDULE 40, PURPLE	MIN. 2" SI E. MIN. 2 DIAMETER OF THE PIPE SLEE ED	B,C / LI-3.0



3916 Normal Street San Diego, CA 92103 619.294.4477



REV. NO	DATE	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRC BY
					-



OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

IRRIGATION NOTES & LEGEND LI-2.0 OCEANO, CA

	DRAWN BY	DATE	CA JOB NO.
	DJ	5/19/2023	210534
	CHECKED BY	SCALE	SHEET 15 OF 29
			10 01 20

August 9, 2023 - Page 42 of 76 Attachments - Plans and Specifications Agenda Item 7D

LE END

- 1 10" DIA. ROUND AL EBO WITH LID, SEE SPECIFICATIONS (DO NOT CUT ADDITIONAL HOLES IN BO)
- (2) ISOLATION BALL AL E. REFER TO LE END
- (3) FINISH RADE OF MULCH
- (4) BACKFILL MATERIAL
- (5) P C SCH 80 MALE ADAPTER, MIPT SLIP, LINE/ AL ESI E

(6) FILTER FABRIC (MIRAFI 140N). WRAP 1 LAYER AROUND BO CO ERIN HOLES

7 PURPLE PRESSURE SUPPLY LINE LEN THAS RE UIRED. REFER TO LE END FOR CLASS

(8) P C SCH 80, 45 DE REE ELL S. (4) RE UIRED

RA EL BASE AND SUMP. (COMPACT RA EL FOR BO BASE, DO NOT USE BLOCKS OR BRICKS, FILL RA EL TO BOTTOM OF AL E) NOTE:

(4) 3" DETECTABLE MARKIN TAPE (PURPLE) USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

(5) SAND BACKFILL MATERIAL. FREE FROM ALL ROCK AND DEBRIS REATER THAN ONE HALF INCH. 6" ABO E AND 6" BELOW PRESSURE SUPPLY LINE

1

3

7

12 TRACER WIRE, TAPED TO TOP OF MAINLINE E ERY 10 FEET

7 PURPLE PRESSURE SUPPLY LINE. SEE LE END FOR CLASS, REFER TO PLAN FOR SI E

(8) CONTROL WIRES IN CONDUIT, 2" AWAY FROM AND BESIDE PRESSURE SUPPLY LINE.

2-0" FROM BASE MATERIAL TO TOP OF PIP FOR UP TO 2-1/2" SUPPLY LINE. 3-0" FOR PRESSURE SUPPLY LINE 3" AND REATER 1-6" FROM BOTTOM C BASE MATERIAL TO TO OF PIPE, FOR LATERAI 4" MINIMUM FROM SIDES OF TRENCH 6" MINIMUM BETWEEN ALL PIPES 2" MINIMUM BETWEEN PIPE

AND CONTROL WIRE CONDUIT

LE END

- (1) HARDSCAPE MATERIAL
- (2) BASE MATERIAL
- (3) BACKFILL MATERIAL. FREE FROM ALL ROCK AND DEBRIS REATER THAN ONE INCH SI E.
- NON-PRESSURE LATERAL LINE (PURPLE) IN P C SCH 40 SLEE (PURPLE) MINIMUM. TWICE THE DIAMETER OF THE LINE RUNNIN THROU H. ALL LATERAL LINES SHALL BE AT THE SAME DEPTH **UNDER HARDSCAPE**
- (5) 3" DETECTABLE MARKIN TAPE (PURPLE).
- (6) BACKFILL SAND FREE FROM ALL ROCK AND DEBRIS REATER THAN ONE-HALF INCH SI E. 6" ABO E AND 6" BELOW PRESSURE SUPPLY LINE
- 12 TRACER WIRE, TAPED TO TOP OF MAINLINE E ERY 10 FEET
- (8) PRESSURE SUPPLY LINE (PURPLE) IN P C SCH 40 SLEE E (PURPLE) TWICE THE DIAMETER OF THE LINE RUNNIN THROU H
- SCH 40 P C ELECTRICAL CONDUIT FOR ALL IRRI ATION WIRES. SEE LE END FOR CLASS, REFER TO SPECIFICATIONS FOR SI ES

(1) TREE PER PLANTIN DETAILS

(2) MULCH MATERIAL PER PLANTIN

(3) TREE ROOTBALL AND PLANTIN

(4) TOP OF PURPLE RATE FLUSH WITH

TUBE. REFER TO LE END FOR

(6) FILTER FABRIC SLEE E FILLED WITH

(8) PURPLE P C LATERAL LINE. SEE

PLANS FOR SI E AND CLASS

(5) PRE-ASSEMBLED DEEP WATERIN

LE END

PLANS

BACKFILL

FINISH RADE

MODEL NUMBER

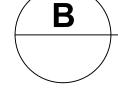
7 E ISTIN SUB- RADE

SANDY BACKFILL SOIL

ISOLATION BALL VALVE

SECTION

SCALE: N.T.S.



TRENCH IN LANDSCAPE

(2) BACKFILL MATERIAL. FREE FROM ALL ROCK AND

RISERS OUTLET P C PIPE, AND POP-UPS 6" OR

LESS. SEE LE END FOR CLASS, REFER TO PLAN

(3) PURPLE NON-PRESSURE LATERAL LINE FOR

DEBRIS REATER THAN ONE INCH

THE PARTY

11

10

NOTES:

CONNECTIONS

4" MINIMUM FROM

SIDES OF TRENCH

LE END

(1) FINISH RADE

FOR SI E

6" MINIMUM BETWEEN ALL PIPES

2" MINIMUM BETWEEN PIPE

AND CONTROL WIRE CONDUIT



LE END

AL E BO WITH LID, SEE SPECIFICATIONS (DO NOT CUT ADDITIONAL HOLES IN BO)

UICK COUPLIN AL E, PURPLE CAP. REFER TO LE END.

(3) FINISH RADE OF MULCH

4 BACKFILL MATERIAL

(5) THREADED BRASS PIPE RISER. LEN THAS RE UIRED, WRAP WITH P C TAPE

(6) FILTER FABRIC (MIRAFI 140N, OR APPRO ED E UAL). WRAP 1 LAYER AROUND BO , CO ERIN HOLES

RA EL BASE AND SUMP. (COMPACT RA EL FOR BO BASE, DO NOT USE BLOCKS OR BRICKS, FILL RA EL TO BOTTOM OF AL E

8 BRASS 90 DE REE ELL, WRAP WITH P C TAPE.

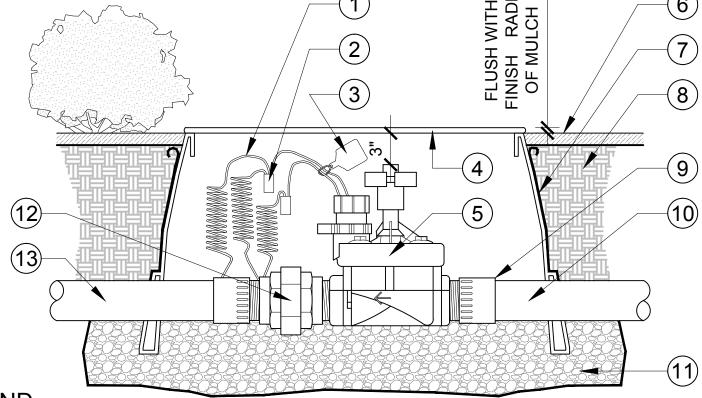
(9) CONCRETE THRUST BLOCK. 1 CU.FT MINIMUM

(10) BRASS COUPLIN WITH P C SCH 80 MALE ADAPTER. SLIP MIPT. ON PURPLE P C PRESSURE SUPPLY LINE.

THREADED BRASS NIPPLE. LEN TH AS RE UIRED, WRAP WITH P C **TAPE**

TRENCH IN HARDSCAPE **SECTION** SCALE: N.T.S.

SCALE: N.T.S.



LE END

- (1) CONTROL WIRE W/ 24" COILED E PANSION LOOP
- (2) WATERPROOF WIRE CONNECTOR
- (3) WATER AL E I.D. TA . (THREAD NYLON TIE THROU H HOLE IN TA)
- (4) RECTAN ULAR AL EBO WITH LID, SEE SPECIFICATIONS (DO NOT CUT ADDITIONAL HOLES IN BO)
- (5) CONTROL AL E PER LE END, SI E PER PLAN
- (6) FINISH RADE OF MULCH
- 7 FILTER FABRIC (MIRAFI 140N). WRAP 1 LAYER AROUND BO , CO ERIN HOLES

REMOTE CONTROL VALVE

- (8) **BACKFILL MATERIAL**
- P C SCH 80 MALE ADAPTER, 2 RE UIRED.
- PURPLE PRESSURE SUPPLY LINE FROM MANIFOLD
- RA EL BASE AND SUMP. (COMPACT RA EL FOR BO BASE, DO NOT USE BLOCKS OR BRICKS, FILL RA EL TO BOTTOM OF AL E.
- (12) P C SCH 80 SIN LE UNION, MIPT FIPT MODEL
- (13) PURPLE NON-PRESSURE LATERAL LINE, SEE PLAN FOR SI E

NOTE:

A. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

SCALE: N.T.S.

A. USE TEFLON TAPE ON ALL THREADED

O ERLAP) BLACK P C ADHESI E TO ALL

B. PRO IDE TWO (2) WRAPS (WITH 1/4"

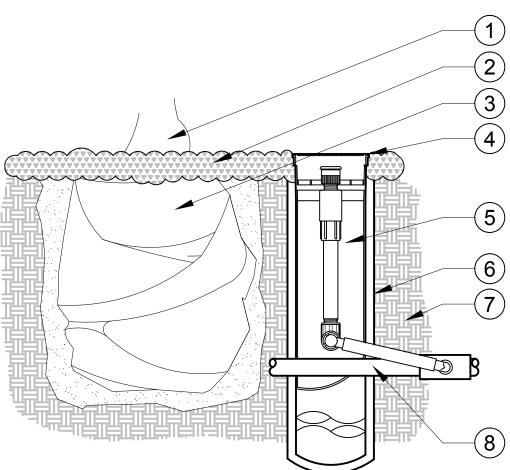
BRASS E POSED TO CEMENT.

QUICK COUPLING VALVE

SECTION

NOTE:

1. POSITION UNITS SPACED E ENLY AROUND PLANTIN PIT. NOT TO E CEED 12" FROM ED E OF ROOTBALL



TREE BUBBLER ASSEMBLY

SECTION

SCALE: N.T.S.



SECTION

D

3916 Normal Street San Diego, CA 92103 619.294.4477

www.ktua.com

DESTROY ALL PRINTS REV. CKD. APREBEARING EARLIER DATE BY BY BY REVISED

SCALE: N.T.S.

Cannon 1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863 THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF ANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS IRRIGATON DETAILS LI-3.0

OCEANO, CA DATE CA JOB NO. DRAWN BY 5/19/2023

210534 CHECKED BY SCALE SHEET 16 of 29

August 9, 2023 - Page 43 of 76 Agenda Item 7D

NOTE:

1. THE 3M SCOTCHCAST CONNECTOR SEALIN PACK 3570 -N SHOULD REMAIN SEALED IN THE UARD BA (WHILE ALUMINI ED BA) UNTIL READY TO USE. IN COLD WEATHER WARM CLOSED MI IN POUCH TO 50 F OR WARMER PRIOR TO MI IN . KEEP IN WARM AREA, SUCH AS TRUCK CAB OR INSIDE POCKET, UNTIL READY TO USE. PER MANUFACTURER S INSTRUCTIONS.

INSTALLATION STEPS

- (1) THOROU HLY CLEAN AND DRY THE SURFACE OF THE SUBSTRATE TO WHICH THE MATERIAL IS DESIRED TO
- (2) REMO E UARD BA, USIN CAUTION NOT TO DAMA E INNER BA
- RIP BOTH ED ES OF BA AT THE CENTER BARRIER (FI URE 1) AND WRINKLE AND FLE THE BA ACROSS THE BARRIER. THIS WILL WEAKEN THE BARRIER.
- (4) S UEE E THE CLEAR SIDE OF THE RESIN, FORCIN THE RESIN THROU H THE CENTER BARRIER.
- (5) MI THOROU HLY TO A UNIFORM COLOR BY S UEE IN CONTENTS BACK AND FORTH 25-30 TIMES.
- (6) S UEE E RESIN TO ONE END OF BA AND CUT OFF OTHER END. (FI URE 2)
- (7) SLOWLY INSERT CONNECTION INTO SEALIN PACK UNTIL IT FITS SNU LY A AINST THE OPPOSITE END. (FI URE
- (8) WRAP OPEN END OF BA WITH SCOTCH SUPER 33 INYL ELECTRICAL TAPE AND POSITION THE TAPED END UP UNTIL RESIN ELS (8-12 MIN. 73 F). (FI URE 4)

1) 18" MINIMUM LEN TH OF ½" SILICONE

(5) FILTER FABRIC (MIRAFI 140N). WRAP 1

(6) P C SCH 40, $\frac{3}{4}$ " MIPT $\frac{1}{2}$ " BARB HOSE

(8) P C SCH 40, 3/4" THREADED NIPPLE

(9) P C SCH 40, 45 DE REE ELL

(10) TERMINAL END OF PURPLE

BOTTOM OF AL E

CONNECTIONS.

NOTE:

7 P C SCH 40, 3/4" FIPT FIPT BALL AL E

LAYER AROUND BO , CO ERIN HOLES

NON-PRESSURE LATERAL LINE, 3/4" SI E,

(USE BARBED FITTIN S IF THIS OPTION)

RA EL BASE AND SUMP. (COMPACT

RA EL FOR BO BASE, DO NOT USE

SCALE: NTS

BLOCKS OR BRICKS, FILL RA EL TO

1. USE TEFLON TAPE ON ALL THREADED

AL EBO, (DO NOT CUT ADDITIONAL

LE END

HOLES IN BO)

(4) BACKFILL MATERIAL

(3) FINISH RADE OF MULCH

LE END:

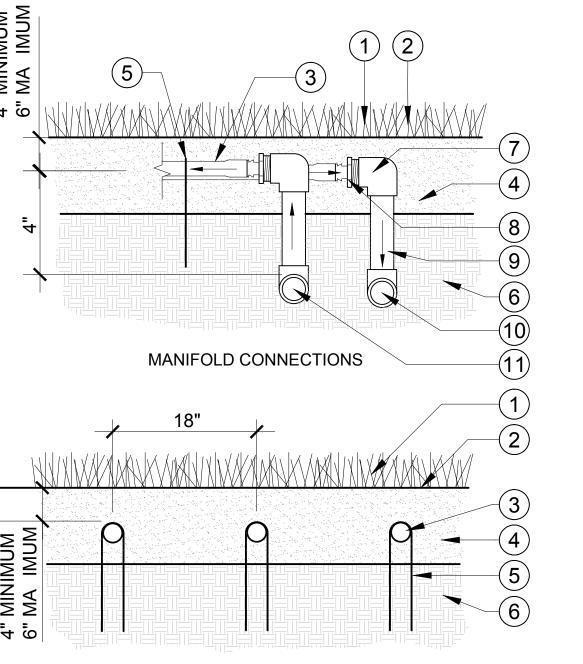
- (1) DRIP END FLUSH AL E
- (2) PERIMETER TUBIN 3" FROM ED E OF HARDSCAPE. CENTER TUBIN IN LON LINEAR PLANTIN AREAS
- (3) AIR ACUUM RELIEF AL E (PLUMBED TO PURPLE P C PIPE AT HI HEST **ELE ATION IN SYSTEM)**
- (4) REMOTE CONTROL AL E W/BALL AL E, DRIP FILTER & PRESET PRESSURE RE ULATOR
- (5) PURPLE P C SCH 40 NON-PRESSURE SUPPLY LINE MANIFOLD
- (6) 18" SPACIN
- 7 DRIPLINE (STRICTLY PARALLEL AT ALL TIMES, WITH DRIP OUTLETS TRIAN ULATED)
- (8) BARBED TEE/ ELL (AS RE UIRED)
- (9) AREA PERIMETER

LE END:

- (1) PLANT MATERIAL PER PLANTIN PLAN
- (2) FINISH RADE
- (3) EMITTER DRIPPERLINE. SEE LE END
- (4) AMENDED BACKFILL
- (5) P C COATED TUBIN STAPLE. SALCO DTS-140-900, 9" LON , OR E UAL. 1 PER E ERY 3 FT DRIPLINE, AT EACH CHAN E IN DIRECTION AND PUSHED INTO ROOT BALL
- (6) E ISTIN SUB RADE
- (7) P C SCH 40 ELL, LINE SI E SLIP 1/2"
- (8) 1/2" BARBED MALE ADAPTER
- (9) RISER FROM LATERAL DEPTH. LEN TH AS RE UIRED
- (10) PURPLE LATERAL LINE. REFER TO PLAN FOR SI E
- (11) PURPLE E HAUST HEADER WITH LINE SI E SLIP TEE

NOTE:

1. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.



SPACIN AND DEPTH

SCALE: NTS

SUBSURFACE DRIPPERLINE

SECTION

SCALE: NTS

WATERPROOF WIRE CONNECTOR

ISOMETRIC

FLUSH WITH

FINISH RADE OF MULCH

MANUAL DRIP FLUSH VALVE

SCALE: NTS

B

DRIPLINE TUBING SPACING & LAYOUT

PLAN

NOTES:



12(5)-

SECTION

1. THIS DETAIL IS INTENDED TO INDICATE ENERAL

CO ERA E FOR LANDSCAPE PLANTIN S.

COMPONENTS AND LAYOUT. DRIPLINES ARE TO OCCUR ON

EACH SIDE OF SUPPLY LINE MANIFOLD AS IF MIRRORED

FORESEEN OR UNFORESEEN OBSTACLES (BOULDERS,

FI TURES, ETC.). PRO IDE NECESSARY FITTIN S, TUBIN

AND PIPIN AS RE UIRED TO PRO IDE COMPLETE WATER

2. DRIP SYSTEM SHOWN ON PLAN CANNOT INDICATE ALL

3. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

LE END

- (1) AIR ACUUM RELIEF ENT
- (2) AL E BO W/LOCKIN LID (SEE SPECIFICATIONS)
- (3) FLUSH WITH FINISH RADE OF MULCH
- (4) SEE TRENCHIN DETAILS FOR DEPTH
- (5) P C SCH 80 THD D RISER W/ ADAPTER (LEN THAS RE UIRED)
- (6) PLASTIC STRAP/TIE
- (7) 3 REBAR 12" MIN. LON
- (8) P C SCH 40 ELL (SS)
- (9) FILTER FABRIC (MIRAFI 140N) WRAP 1 LAYER AROUND BO , CO ERIN HOLES
- (10) PEA RA EL SUMP (MIN. 1 CU FT)
- (11) UNDISTURBED/ COMPACTED SUB RADE
- (12) PURPLE P C SCH 40 LATERAL LINE OR DRIPLINE (USE BARBED FITTIN S IF THIS OPTION)

NOTES:

- 1. INSTALL AL EATHI HEST POINT OF
- CONNECTIONS.

- **SYSTEM**
- 2. USE TEFLON TAPE ON ALL THREADED

2 410 9

NOTES:

SECTION

- 1. INSTALL INDICATOR HEAD A MIN. 30" FROM THE ED E OF PA IN OR THE PLANTER ED E.
- 2. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

LE END

- (1) PA EMENT OR ED E OF PLANTED AREA
- 2 POP-UP INDICATOR CAP ON POP-UP
- (3) INSTALL POP-UP INDICATOR HEAD 1/2" ABO E FINISHED RADE IN SHRUB AND
- ROUND CO ER AREAS
- 4 AMENDED SOIL
- (5) HUNTER ECO-ID, 6" POP-UP HEAD
- (6) PRE-ASSEMBLED POLY, TRIPLE SWIN JOINT, 1/2" LAY LEN TH, HUNTER, MODEL SJ512, OR APPRO ED E UAL
- 7 DRIP SYSTEM E HAUST HEADER, PURPLE P C LATERAL LINE PIPE, TYPE AND SI E AS SHOWN ON LE END
- 8 SCH 40 P C SxSxT TEE FITTIN LATERAL LATERAL 1/2" SI E WITH FIPT THREADS (TWO TOTAL AT LOCATION)
- (9) DRIP LATERAL CONNECTION, PURPLE P C SCH 40 PIPE AND P C SCH 40 TEE (SxSxS) OR ELL (SxS) FITTIN
- (10) PURPLE SUBSURFACE DRIP TUBIN DEPTH AS SHOWN ON LE END AND **DETAIL**
- (11) PURPLE E HAUST HEADER SHALL BE INSTALLED 10" MIN. BELOW FINSHED SOIL RADE, TYPICAL



SCALE: NTS

SHEET

17 of 29



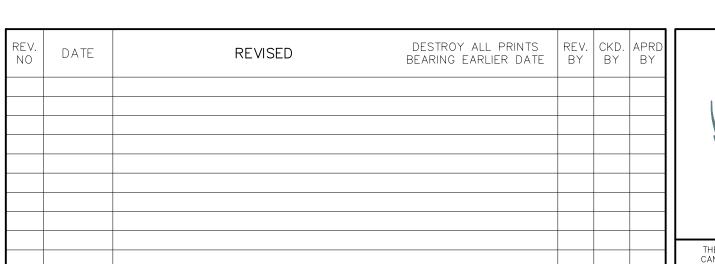
SECTION

3916 Normal Street San Diego, CA 92103 619.294.4477

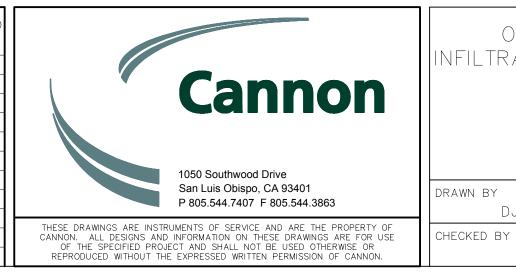
www.ktua.com



DRIP AIR / VACUUM RELIEF VALVE



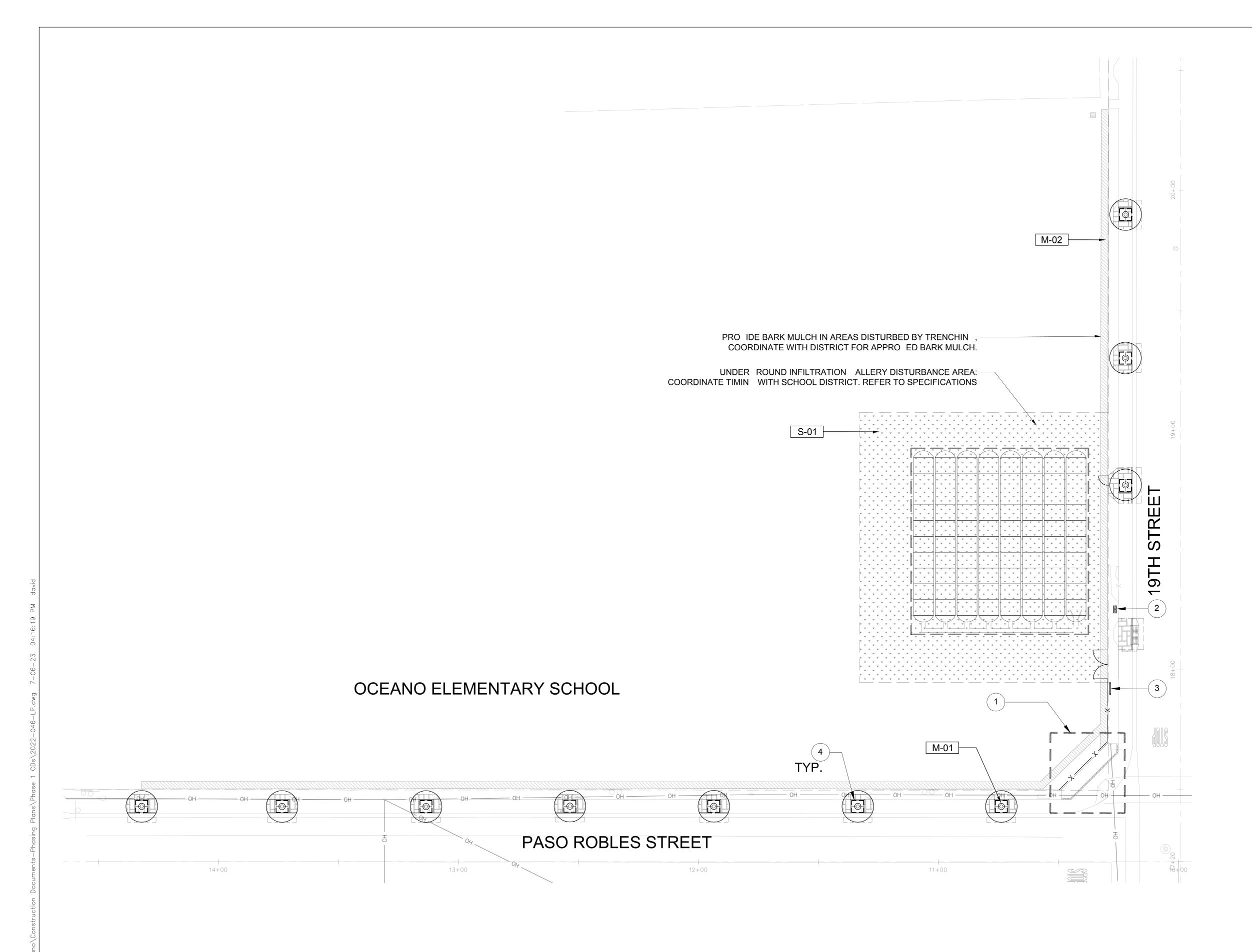
SCALE: NTS



OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS IRRIGATON DETAILS LI-4.0 OCEANO, CA DATE CA JOB NO. DRAWN BY 5/19/2023 210534

SCALE

August 9, 2023 - Page 44 of 76 Agenda Item 7D Attachments - Plans and Specifications

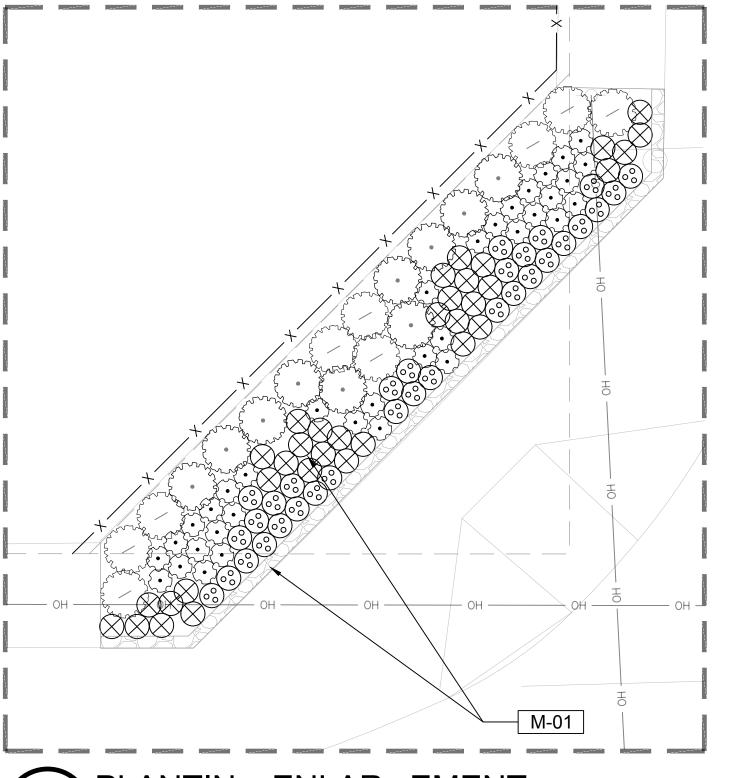


PLANT SC	HEDULE	(PARTIAL)	
TREES	CODE	BOTANICAL / COMMON NAME	TY
0	CER OCC	CERCIS OCCIDENTALIS STD / WESTERN REDBUD	10
SHRUBS	CODE	BOTANICAL / COMMON NAME	TY
Exercise the second sec	ACH APP	ACHILLEA MILLEFOLIUM APPLE BLOSSOM / APPLE BLOSSOM COMMON YARROW	9
Exercise Services	ACH SCS	ACHILLEA MILLEFOLIUM SONOMA COAST SONOMA COAST COMMON YARROW	10
000	ESC CAL	ESCHSCHOL IA CALIFORNICA ORAN E KIN / ORAN E KIN CALIFORNIA POPPY	32
\otimes	FES IDA	FESTUCA IDAHOENSIS / IDAHO FESCUE	34
\odot	LUP ALB	LUPINUS ALBRIFRONS AR. COLLINUS / DWARF SIL ER BUSH LUPINE	35

SHEET NOTES

REFER TO SHEET LP-2.0 FOR FULL PLANT AND SOIL LE ENDS. 2. APPLY PEA RA EL MULCH IN ALL PLANTER AREAS.

KEYI	NOTES	
1	REFER TO ENLAR EMENT A THIS SHEET FOR SHRUBS AND ROUNDCO ER IN THIS LOCATION.	
2	INTERPRETI E SI N: REFER TO DETAIL A,B / SHEET LP-4.0	
3	CONSTRUCTION SI N: REFER TO DETAIL C,D / SHEET LP-4.0	
4	ROOT BARRIER, REFER TO DETAIL B, SHEET LP-3.0	

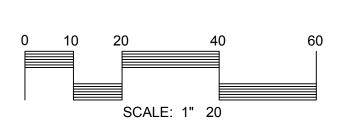






3916 Normal Street San Diego, CA 92103 619.294.4477 www.ktua.com







O7/10/23 ISSUED FOR BID DJ D	CKD. APRI BY BY
	DJ CL

Cannon 1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863	DRA
THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.	CHE

OCEANO) ELEMENTARY	SCHOOL
NFILTRATION	& FRONTAGE	IMPROVEMENTS

Pl	LP-1.0 oceano, ca	AN
VN BY	DATE	CA JOB NO.
DJ	5/19/2023	210534
KED BY	SCALE	SHEET

18 of 29

August 9, 2023 - Page 45 of 76 Agenda Item 7D Attachments - Plans and Specifications 2. SEE SHEET LP-3.0 FOR PLANTIN DETAILS. SEE LANDSCAPE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RE IEW AND COORDINATION OF ALL DRAWIN S AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE RESIDENT EN INEER AND THE LANDSCAPE ARCHITECT IMMEDIATELY OF ANY CHAN ED CONDITIONS WHICH OCCUR ON PROJECT SITE WHICH ARE NOT REFLECTED ON PLANS.
- 4. REMO E ALL WEEDS, DEBRIS, AND ROCKS LAR ER THAN ONE-HALF-INCH (1/2") FROM ALL PLANTIN AREAS, AND DISPOSE OF APPROPRIATELY OFF-SITE.
- 5. FINISH RADE OF SOIL SHALL BE TWO INCHES (2") BELOW ADJACENT FINISH PA IN SURFACE OR CURB IN SHRUB AND ROUNDCO ER AREAS E CEPT IN RECESSED BIORETENTION AREAS.
- 6. CONTRACTOR SHALL INSTALL A THREE INCH (3") LAYER OF ROCK/COBBLE MULCH IN ALL SHRUB AND ROUNDCO ER AREAS WITH SLOPES LESS THAN 3:1 RADIENT. SUBMIT SAMPLE FOR APPRO AL BY RESIDENT EN INEER AND LANDSCAPE ARCHITECT. REFER TO SPECIFICATIONS.
- 7. ALL SLOPES 2:1 OR REATER ARE TO BE STABILI ED WITH JUTE MESH PRIOR TO PLANTIN . DO NOT INSTALL JUTE MESH ON SEEDED SLOPES. REFER TO SPECIFICATIONS.
- 8. CONTRACTOR SHALL PRO IDE ELECTRONIC PHOTO RAPHS OF ALL TREES FOR APPRO AL, PRIOR TO PURCHASE AND INSTALLATION. REFER TO SPECIFICATIONS.
- 9. TREE LOCATIONS MAY BE ADJUSTED TO A OID CONFLICTS WITH UNDER ROUND UTILITIES. CONSULT WITH LANDSCAPE ARCHITECT OR RESIDENT EN INEER PRIOR TO ADJUSTMENT OF TREE LOCATIONS.
- 10. CONTRACTOR SHALL NOTIFY THE RESIDENT EN INEER AT THE TIME OF DELI ERY OF ANY PLANT MATERIAL WHICH HAS BEEN DAMA ED OR IS IN POOR CONDITION. THE RESIDENT EN INEER SHALL DETERMINE ACCEPTABILITY OF SUBJECT PLANT MATERIAL.
- 11. PLANT MATERIAL SHALL BE INSPECTED BY THE RESIDENT EN INEER OR LANDSCAPE ARCHITECT BEFORE PLANTIN . PLANT MATERIAL MAY BE REJECTED AT ANY TIME BY THE RESIDENT EN INEER OR LANDSCAPE ARCHITECT DUE TO POOR CONDITION, FORM, OR DAMA E PRIOR TO, DURIN OR AFTER THE PLANTIN PROCESS.
- 12. AT LEAST ONE PLANT OF EACH SPECIES DELI ERED TO THE SITE SHALL HA E AN IDENTIFICATION TA FROM THE SUPPLYIN NURSERY SHOWIN BOTH COMMON AND SCIENTIFIC NAMES.
- 13. THE PLANTIN PLANS ARE DIA RAMMATIC. PLANT MATERIALS SHALL BE SPOTTED AS SHOWN ON THE DRAWIN S. TREE LOCATIONS ARE TO BE APPRO ED BY THE LANDSCAPE ARCHITECT PRIOR TO THE E CA ATION OF PLANTIN PITS AND REMO AL FROM CONTAINERS. FINAL LAYOUT OF ALL OTHER PLANT MATERIALS SHALL BE APPRO ED IN THE FIELD BY THE RESIDENT EN INEER OR LANDSCAPE ARCHITECT PRIOR TO PLANTIN .
- 14. CONTRACTOR SHALL BE RESPONSIBLE FOR ERIFYIN ALL PLANT COUNTS AND S UARE FOOTA ES.
- 15. CONTRACTOR IS RESPONSIBLE FOR PRO IDIN PLANT MATERIALS SUFFICIENT TO CO ER AREAS SHOWN ON THE DRAWIN S AT THE SPECIFIED SPACIN .
- 16. NURSERY STAKES ARE TO BE REMO ED AFTER PLANTIN TREES AND INSTALLATION OF STAKIN OR UYIN , AS SHOWN ON PLANS.
- 17. CONTRACTOR SHALL SUBMIT AN A RICULTURAL SUITABILITY AND FERTILITY ANALYSIS REPORT, AS NOTED IN THE PLANTIN SPECIFICATIONS, TO THE LANDSCAPE ARCHITECT AND THE RESIDENT EN INEER FOR APPRO AL PRIOR TO ANY PLANTIN WORK OR SOIL AMENDMENT INCORPORATION. THE RECOMMENDATIONS OF THE SOILS ANALYSIS REPORT FOR TOPSOIL AMENDMENT AND BACKFILL MI AMENDMENT SHALL SUPERSEDE THE RECOMMENDATIONS LISTED IN THE SPECIFICATIONS.
- 18. CONTRACTOR SHALL COORDINATE LANDSCAPE WORK WITH THE WORK OF OTHER TRADES AND PROFESSIONS. CONTRACTOR SHALL MAINTAIN PROPER DRAINA E DURIN THE COURSE OF CONSTRUCTION.
- 19. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF E ISTIN PROPOSED UTILITIES WITHIN THE PROJECT LIMITS WHICH MAY BE AFFECTED BY INSTALLATION. IMMEDIATELY CONTACT THE LANDSCAPE ARCHITECT IF A CONFLICT IS E IDENT.
- 20. REMO E ALL TYIN MATERIALS, MARKIN TAPES, AND NURSERY STAKES AT THE TIME OF PLANTIN .
- 21. CONTRACTOR SHALL PROTECT E ISTIN E ETATION AND OTHER IMPRO EMENTS OUTSIDE THE LIMITS OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY DAMA ES INCURRED DURIN CONSTRUCTION.



3916 Normal Street San Diego, CA 92103

619.294.4477

www.ktua.com

- 22. THE MAINTENANCE PERIOD SHALL BE IN ONLY UPON WRITTEN ACCEPTANCE OF THE COMPLETED PLANTED AREAS BY THE LANDSCAPE ARCHITECT AND THE RESIDENT EN INEER.
- 23. PRO IDE MATCHIN FORMS AND SI ES FOR ALL PLANT MATERIAL WITHIN EACH SPECIES AND SI E DESI NATED BY THE DRAWIN S.
- 24. ALI N AND E UALLY SPACE, IN ALL DIRECTIONS, ALL PLANT MATERIAL WITHIN EACH SPECIES SO DESI NATED PER THESE NOTES AND DRAWIN S.
- 25. FURNISH ALL DELI ERY SLIPS OF THE SPECIFIED AMENDMENTS TO THE CONSTRUCTION MANA EMENT SUPER ISOR AND LANDSCAPE ARCHITECT FOR RE IEW AFTER PLANT INSTALLATION. IF IT IS DETERMINED MORE AMOUNTS ARE NEEDED, CONTRACTOR WILL BE RE UIRED TO ADD INTO SOIL WITH OBSER ATION OR PRO IDE CREDIT BACK TO OWNER.
- 26. ALL PLANTIN AREAS SHALL BE RADED TO HA E POSITI E DRAINA E (2 MIN.) AWAY FROM THE BUILDIN WALLS AND STRUCTURES AND TOWARDS AREA DRAINS.
- 27. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAININ E ISTIN LANDSCAPE WITHIN SCOPE AREA. ALL PLANTIN WITHIN SCOPE OF WORK AREAS ARE TO BE KEPT FREE OF LITTER AND DEBRIS. ALL PLANTS SHALL BE MAINTAINED IN A HEALTHY ROWIN CONDITION. ALL DISEASED OR DEAD PLANTS SHALL BE REPLACED IMMEDIATELY. REPLACE PLANTIN S IF DAMA ED, WITH LIKE SI E, DURIN CONSTRUCTION.
- 28. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REPLACEMENT OF ALL PLANTIN S DAMA ED DURIN IRRI ATION REPAIR OR PLANTIN INSTALLATION.

MINIMUM TREE SEPARATION DISTANCE

IMPRO EMENT MINIMUM DISTANCE TO STREET TREE

TRAFFIC SI NAL, STOP SI N	20 FEET
UNDER ROUND UTILITY LINES	5 FEET
SEWER LINES	10 FEET
ABO E ROUND UTILITY STRUCTURES (TRANSFORMERS, HYDRANTS, UTILITY POLES, ETC)	10 FEET
DRI EWAYS 10 FEET	
RESIDENTIAL STREETS RATED AT 25 MPH OR LOWER	5 FEET
INTERSECTIONS (INTERSECTIN CURB LINES OF TWO STREETS)	25 FEET

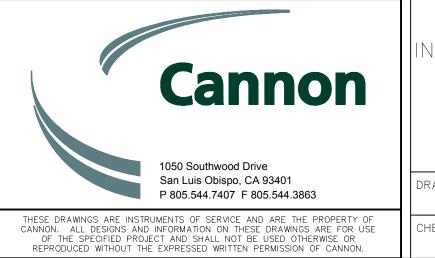
PLANT SC	HEDULE								
TREES	CODE	BOTANICAL / COMMON NAME	SI E	WUCOLS	MIN HEI HT	MIN WIDTH	TY	REMARKS	DETAIL
0	CER OCC	CERCIS OCCIDENTALIS STD WESTERN REDBUD	36" BO	ERY LOW	11 -13	5-6	10	MINIMUM BARE TRUNK HEI HT 8FT PER COUNTY OF SAN LUIS OBISPO STANDARD DETAIL M-5.	A, B,D / LP-3.0
SHRUBS	CODE	BOTANICAL / COMMON NAME	SI E	WUCOLS	MIN HEI HT	MIN WIDTH	TY	REMARKS	DETAIL
	ACH APP	ACHILLEA MILLEFOLIUM APPLE BLOSSOM APPLE BLOSSOM COMMON YARROW	1 AL	LOW	0 -6"	0 -6"	9	REEN AND BUSHY	
	ACH SCS	ACHILLEA MILLEFOLIUM SONOMA COAST SONOMA COAST COMMON YARROW	1 AL	LOW	0 -6"	0 -6"	10	REEN AND BUSHY	
000	ESC CAL	ESCHSCHOL IA CALIFORNICA ORAN E KIN ORAN E KIN CALIFORNIA POPPY	4"POT	ERY LOW	0 -4"	0 -2"	32	FULL AND BUSHY, OOD COLOR	C / LP-3.0
\otimes	FES IDA	FESTUCA IDAHOENSIS IDAHO FESCUE	4"POT	ERY LOW	0 -4"	0 -2"	34	FULL CLUMPS, OOD COLOR	
(·)	LUP ALB	LUPINUS ALBIFRONS AR. COLLINUS DWARF SIL ER BUSH LUPINE	4" POT	ERY LOW	0 -4"	0 -2"	35	FULL AND BUSHY, OOD COLOR	

RASS SEED LE END						
KEY	SYMBOL	SPECIES	APPLICATION	NOTES AND REMARKS	SUPPLIER INFORMATION	DETAIL
S-01		WHITTET-KIKUYU RASS -95 MINIMUM PURITY -80 MINIMUM ERMINATION	BROADCAST SEED AT A RATE OF 2 LBS PER 1000 S UARE FEET WITHIN ENTIRE DISTURBANCE AREA OF E ISTIN SPORTS LAWN.	REFER TO SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.	STO ER SEED COMPANY 9180 SAN FERNANDO ROAD, SUN ALLEY, CA 91352	-

SITE M	ULCH LE E	ND				
KEY	SYMBOL	DESCRIPTION	COLOR AND FINISH	NOTES AND REMARKS	SUPPLIER INFORMATION	DETAIL
M-01		³ / ₄ " PEA RA EL	CALIFORNIA OLD	3" MINIMUM LAYER, WITHIN ALL PLANTIN AREAS	AIR OL BLOCK: 1 SUBURBAN RD, SAN LUIS OBISPO, CA 93401	-
M-02		BARK MULCH	WALK-ON BARK MULCH, BROWN	3" MINIMUM LAYER IN AREAS OF DISTURBANCE, SEE PLAN	AIR OL BLOCK: 1 SUBURBAN RD, SAN LUIS OBISPO, CA 93401	-



REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRI BY
1	07/10/23	ISSUED FOR BID		DJ	DJ	CL
						-



OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

PLANTING NOTES AND LEGEND

LP-2.0

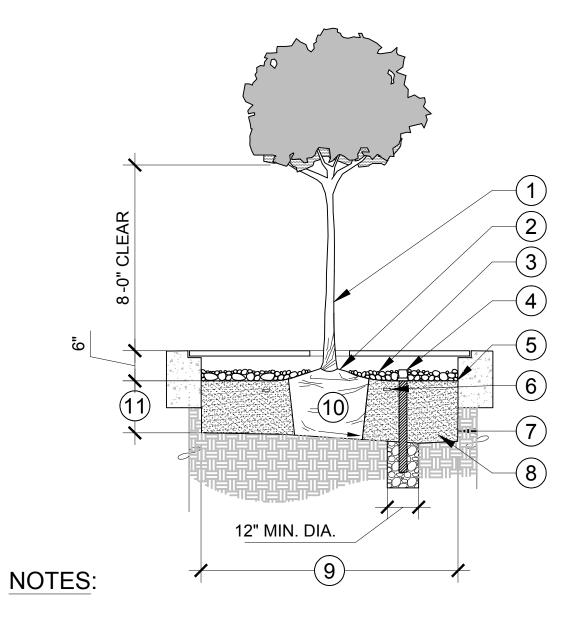
OCEANO, CA

ı	DRAWN BY	DATE	CA JOB NO.
	DJ	5/19/2023	210534
	CHECKED BY	SCALE	SHEET
ı			19 of 29

Agenda Item 7D

August 9, 2023 - Page 46 of 76

Attachments - Plans and Specifications



A. REFER TO NOTES AND LE END, SHEET LP- 2.0 FOR PLANTIN PROCEDURES AND ADDITIONAL INFORMATION.

B. REMO E FROM BO WITH AS LITTLE DISTURBANCE TO THE ROOTBALL AS POSSIBLE.

SECTION

LE END

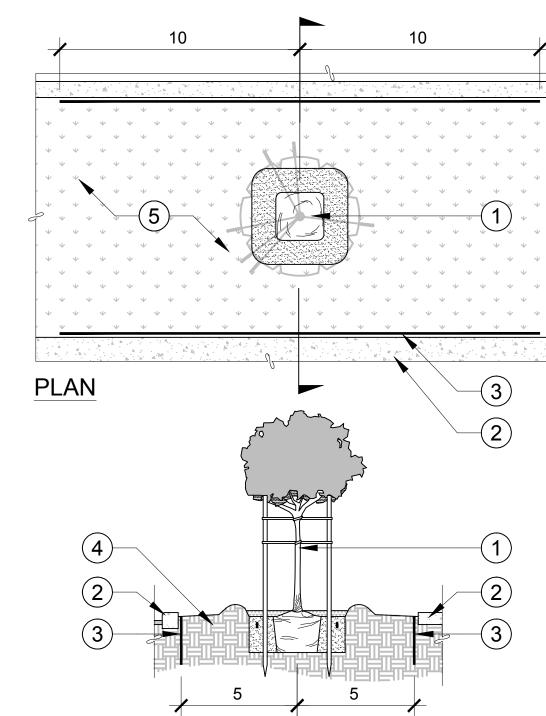
- 1 TREE TRUNK
- (2) TREE COLLAR (PLANT PER SPECS)
- 3 PEA RA EL MULCH, REFER TO LE END AND PLANTIN NOTES FOR DEPTH AND TYPE
- 4 TREE OBSER ATION TUBE
- 5 FINISH RADE
- 6 PLANT TABLETS (3" BELOW RADE)
- 7 PLANTIN PIT W/ ROU HENED SIDES
- 8 AMENDED BACKFILL MI (PUDDLE AND SETTLE) REFER TO SPECIFICATIONS

SCALE: N.T.S.

- 9 WIDTH OF TREE WELL
- (10) ROOTBALL

TREE WELL PLANTING WITH OBSERVATION TUBE

(11) DEPTH OF ROOTBALL



SECTION

SECTION

ROOT BARRIER

TO HARDSCAPE 24" DEEP. C. INSTALL PARALLEL TO WALKS & CURBS

D. DO NOT ENCIRCLE TREE IF POSSIBLE. E. FOLLOW MANUFACTURER S

INSTRUCTIONS FOR INSTALLATION.

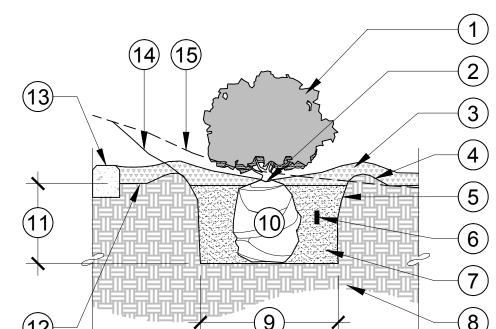
LE END

- 1 TREE PLANTIN PER PLANTIN LE END AND DETAILS
- (2) ADJACENT HARDSCAPE ED E, FINISH RADE OF PLANTIN AREA TO BE 2"
- (3) ROOT BARRIER AS RE UIRED (SEE NOTES BELOW)
- (4) TOPSOIL AND SUB RADE PER CI IL PLANS
- (5) ADJACENT ROUNDCO ER OR SHRUB PLANTIN

NOTES:

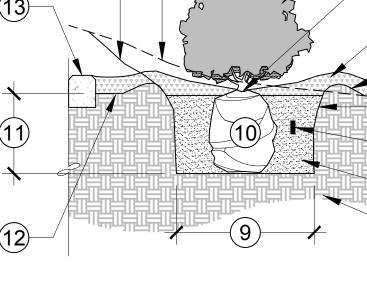
- A. ROOT BARRIERS SHALL BE INSTALLED WHEN TREES ARE WITHIN 5 OF HARDSCAPE U.N.O.
- B. WHERE POSSIBLE INSTALL 10 EACH SIDE OF TRUNK MEASURED PARALLEL

SCALE: 1/4" 1-0"



LE END

- SHRUB CROWN (1" ABO E FINISH RADE)
- MULCH, REFER TO SPECS. & PLANTIN NOTES FOR DEPTH & TYPE
- 4" HI H WATERIN BERM ALL AROUND
- PLANT PIT W/ ROU HENED SIDES
- PLANT TABLETS (3" BELOW RADE)
- AMENDED BACKFILL MI (PUDDLE &
- 8 TOPSOIL AND SUB RADE PER CI IL **PLANS**
- 2 ROOTBALL DIAMTER MIN.
- (10) ROOTBALL
- (11) DEPTH OF ROOTBALL
- SET FINISH RADE E UAL TO THE DEPTH OF MULCH BELOW FINISH SURFACE OF PA IN (WHERE APPLICABLE)
- CURB OR PA IN (WHERE APPLICABLE)
- NEW FINISH RADE AT SLOPE (WHERE APPLICABLE)
- E ISTIN FINISH RADE AT SLOPE (WHERE APPLICABLE)



SCALE: N.T.S.

SHRUB PLANTING SECTION

LE END

- 1 BACKFILL MI
- (2) RA EL FILL AROUND PIPE
- (3) 4" DIA PERFORATED PIPE WITH FILTER SOCK (LEN THAS RE UIRED)
- (4) PLASTIC ATRIUM DRAIN RATE
- (5) FINISH RADE
- (6) UNDISTURBED ROOTBALL

NOTES:

A. E TEND PERFORATED PIPE BELOW BOTTOM OF ROOTBALL. SLANT BOTTOM OF PLANTER PIT TO ALLOW ACCUMULATED WATER TO COLLECT AT BASE OF PERFORATED PIPE. SIPHON OFF AS RE UIRED TO PRE ENT ROOT ROT. B. DO NOT FILL PERFORATED PIPE WITH

RA EL.

PLAN MIN. DIA.

SECTION

TREE OBSERVATION TUBE DETAIL

SECTION

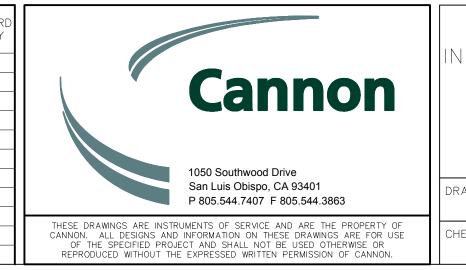
SCALE: N.T.S.



3916 Normal Street San Diego, CA 92103 619.294.4477



REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY	
							TH CA

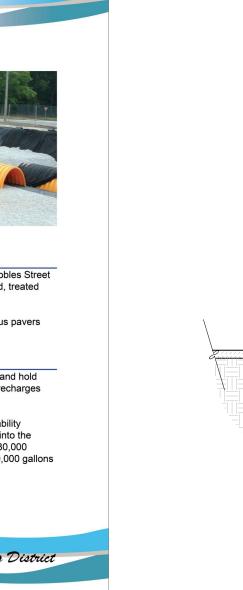


OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

> PLANTING DETAILS LP-3.0 OCEANO, CA

DRAWN BY	DATE	CA JOB NO.
DJ	5/19/2023	210534
CHECKED BY	SCALE	SHEET 20 OF 29

August 9, 2023 - Page 47 of 76 Agenda Item 7D Attachments - Plans and Specifications

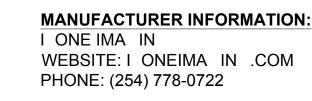


LE END

- (1) COLOR INTERPRETI E RAPHIC PANEL ON A $\frac{1}{2}$ " THICK DURAREADER, E TERIOR RADE HI H PRESSURE LAMINATE PANEL, MATTE FINISH
- (2) 45 DE REE MOUNTIN PLATE (16" x 20")
- (3) SIN LE POST E HIBIT BASE, POWDER COAT BLACK
- (4) FINISH SURFACE
- (5) 3" LAYER MULCH
- (6) 12" DIAMETER CONCRETE FOOTIN

NOTES:

- CONTRACTOR SHALL PRO IDE SHOP DRAWIN S INCLUDIN FASTENERS AND SAMPLES OF MATERIALS TO BE USED.
- 2. LANDSCAPE ARCHITECT SHALL PRO IDE COLOR RAPHICS FOR THE SI N TO THE CONTRACTOR UPON RE UEST. REFER TO DETAIL A, THIS SHEET.
- 3. THE CHARACTERS AND BACK ROUND OF SI NS SHALL BE E SHELL, MATTE, OR ANOTHER NON- LARE FINISH.
- ERTICALLY DISPLAYED SI NS MUST BE LE IBLE AS DEPENDENT ON THE CONTRAST, REFLECTI ITY, LI HTIN , AN LE OF ISION, AND SI E.



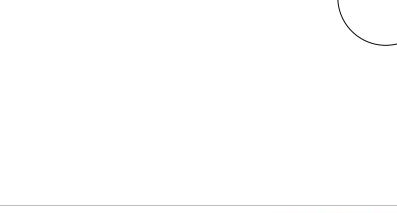
FRONT IEW

TOP IEW 3 -0"

INTERPRETIVE SIGN

SECTION

SCALE: N.T.S.



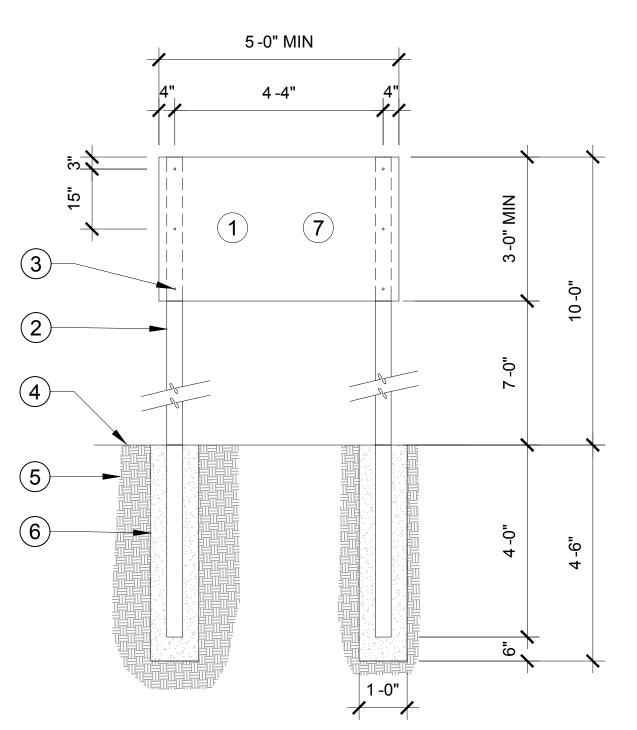


PROP 1



INTERPRETIVE SIGNAGE GRAPHIC

Funding for this project has been provided in full or in part under the Proposition 1 the Water Quality, Supply, and Infrastructure Improvement Act of 2014 through an agreement with the State Water Resources Control Board.



SCALE: N.T.S.

FRONT IEW

LE END

- 1 PRESSURE TREATED PLYWOOD, $\frac{3}{4}$ THICK, E TERIOR, RADE B. PAINT FRONT AND BACK WITH ONE COAT OF WHITE PRIMER AND TWO COATS OF LOSS BLACK ENAMEL.
- (2) 4 4 PRESSURE TREATED DOU LAS FIR POST
- (3) ½" x 5" LA BOLT WITH WASHER, 6 RE UIRED. DRILL PILOT HOLES INTO POST, TYPICAL
- (4) FINISH RADE
- (5) NATI E SOIL
- (6) CLASS 4 A RE ATE COMPACTED TO 90 RELATI E COMPACTION TO E TEND 6" BELOW POST.
- (7) SI N RAPHIC TO BE PRINTED ON RI ID WEATHERPROOF BACKIN AND ATTACHED TO PLYWOOD WITH 1" AL ANI ED STEEL WOOD SCREWS. REFER TO DETAIL C, THIS SHEET FOR SI N RAPHIC.

CONSTRUCTION SIGNAGE GRAPHIC

SCALE: N.T.S.

CONSTRUCTION SIGN SECTION

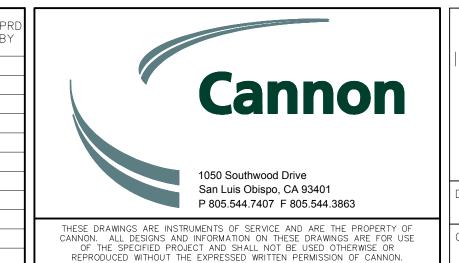
SCALE: ½" 1-0"



3916 Normal Street San Diego, CA 92103 619.294.4477 www.ktua.com



REV. NO	DATE	REVISED	DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY



OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

> SIGNAGE DETAILS LP-4.0 OCEANO, CA

DRAWN BY	DATE	CA JOB NO.
DJ	5/19/2023	210534
CHECKED BY	SCALE	SHEET 21 OF 29

August 9, 2023 - Page 48 of 76 Agenda Item 7D Attachments - Plans and Specifications

PART 1

ENERAL PRO ISIONS

SECTION 3 - CONTROL OF THE WORK

3-5 INSPECTION

ADD:

3-5.1 Landscape Inspections.

- Site observations herein specified shall be made by the Architect during regular business hours. The Contractor or their authorized representative shall be on the site at the time of each observation. The Contractor will not be permitted to initiate the succeeding step of work until they have received approval to proceed by the Architect.
- 2. All changes and deviations to the plans and specifications shall be communicated to the Construction Manager and shall be confirmed in writing.
- 3. The Contractor shall have sufficient work personnel available during normal working hours to correct deficiencies immediately upon re uest of the Architect. Such repair or re-work services are to be performed without interference of regular pro ect schedule.
- 4. Contractor shall be responsible for notifying the Architect, in advance, for the following observations, according to the time indicated:
- a) Pre-construction conference seven (7) days, immediately prior to the commencement of work of this section, the District, Contractor, and Architect shall meet for the approval of the materials specified, e uipment, schedule of work and the method of installation.
- b) Irrigation main pressure test five (5) working days, when irrigation mainline has been installed and valves hung.
- c) Irrigation coverage test five (5) working days, when irrigation system has been installed including all bubbler, sub-surface drip, and overhead irrigation systems.
- d) Layout of trees (trees 24 box size and larger) five (5) working days, when trees are spotted in place for planting, but before planting holes are excavated.
- e) Layout of shrub and groundcover materials five (5) working days, when material is spotted in place for planting, but prior to excavation of planting holes.
- f) Plant materials review five (5) working days. Shrub and tree samples, three (3) each of all species and sizes shall be submitted for approval at the site a minimum of fifteen (15) days prior to planting operations for uality, size, variety, vigor, and rooting characteristics. Approved samples shall remain on the site and shall be maintained, by the Contractor as standards of comparison for plant materials to be furnished.
- g) Completed planting (Pre-plant establishment period) walk through - seven (7) days, when planting and all specified work has been installed and completed, the Architect will prepare a

- written "punch list" indicating all items to be corrected. These items must be completed prior to initiating the beginning date of the plant establishment period. The Architect will inform the District and Contractor of the actual date of the start of the plant establishment period in writing. This observation is not the final acceptance of the pro ect and does not relieve the Contractor from any of the responsibilities in the contract documents.
- h) Final Site Observation and Acceptance of the Pro ect seven (7) days, At the conclusion of the plant establishment period a final site observation will be made. The Contractor shall show all corrections made from the punch list." Any items deemed not acceptable shall be reworked and the plant establishment period will be extended. The Contractor will be notified in writing that the contract work and plant establishment period has been accepted or that the plant establishment period has been extended to correct any deficiencies remaining. Final acceptance of the pro ect shall establish the beginning date for the guarantee/warranty period.
- 5. Contractor shall be responsible for scheduling site observation visits with Architect as work progresses. Failure to schedule re uired observations shall not relieve Contractor of responsibility for obtaining approvals. Contractor shall redo, at no cost to the District, work that does not satisfy the District.
- 6. Observations may be waived or combined at the discretion of the Architect.
- 7. When someone other than the Architect conducts observations, the Contractor shall show evidence in writing of when and by whom these observations were made.
- 8. No site visits shall commence without ade uate preparation or items noted in previous Observation Reports, either completed or remedied, unless the District has waived such compliance. Failure to ade uately prepare or accomplish previous punch list items shall make the Contractor responsible for reimbursing the Architect for the site visit at his current billing rates per hour plus transportation costs. No further inspections will be scheduled until this charge has been paid and received.
- 9. Site observations of the work shall not relieve the Contractor of the obligation to fulfill all conditions of the contract.

3-8 SUBMITTALS

ADD:

3-8.1.1 Landscape Submittals.

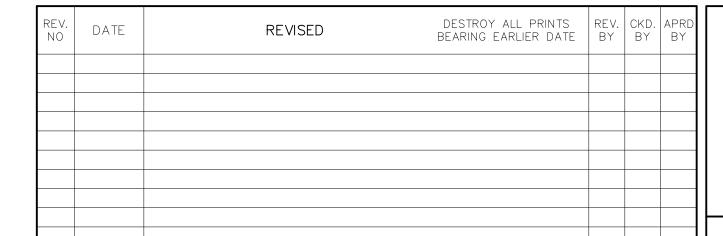
- 1. 15 days after the Contractor has received the District's notice to proceed, the Contractor shall submit to the Architect via email a pdf document with a typewritten list of all materials proposed with uantities, sizes, sources, and uality of materials indicated.
- 2. Prior to installation of any landscape elements, the Contractor shall submit for approval by the Architect, a list of all materials and e uipment proposed for use. Submit product cut-sheets, data, and physical samples (as noted in item 3 of this section) for each material indicated for approval including the following (not all inclusive):

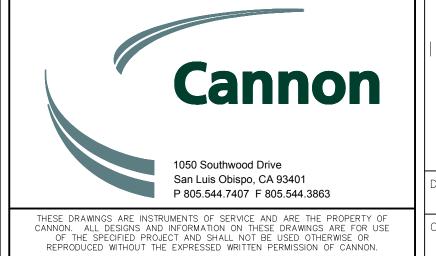
- a) Soil Amendments & Fertilizers
- b) Plant Fertilizer Tablets
- c) Mycorrhizal Packets
- d) Import Soil
- e) Bark Mulch
- f) Pebble & Cobble Mulches
- g) Landscape Filter Fabric
- h) Erosion Control Netting & Fiber Rolls
- i) Root Barrier
-) Tree Observation Tube Assembly Components (Including P C drainpipe, filter fabric, and drain grates)
- k) Tree Staking Assembly Components (Including tree stakes and tree ties)
- I) Electronic photos in JPE format of each size and species of tree, fifteen (15) gallon size, 24-inch box size, 36-inch box size and larger. Photos shall be an accurate representation of the actual trees to be utilized on the pro ect. Photos shall be transmitted to the Architect via e-mail and/or other electronic media. Identify each photograph with the full scientific name of the plant (genus, species, variety, cultivar, etc), plant size, and name of the growing nursery (under separate text if needed). Include a scale rod or other measuring device in each photograph. For species where more than 10 plants are re uired, include a minimum of three photographs of that species showing the average plant, the best uality plant, and the worst uality plant to be furnished.
- m) Electronic photos in JPE format of each size and species of shrub, vine and groundcover, fifteen (15) gallon size, (10) gallon size, (5) gallon size, (1) gallon size and smaller including flats and plugs. Photos shall be an accurate representation of the actual shrubs and groundcover to be utilized on the pro ect. Photos shall be transmitted to the Architect via e-mail and/or other electronic media. Identify each photograph with the full scientific name of the plant (genus, species, variety, cultivar, etc), plant size, and name of the growing nursery (under separate text if needed). Include a scale rod or other measuring device in each photograph. For species where more than 10 plants are re uired, include a minimum of three photographs of that species showing the average plant, the best uality plant, and the worst uality plant to be furnished.
- n) Pesticides & Herbicides: Also, include copies of sample label and Material Safety Data Sheet (MSDS).
- o) Remote Control alve
- p) alve ID Tags
-) Pressure Regulating Filter
- r) Manual Ball alve
- s) uick Coupling alve
- t) Tree Bubbler Assembly

- u) Subsurface Dripline and Connectors, Drip Risers, Staples
- v) Air acuum Relief alve
- w) Manual Flush alve and Assembly Components
- x) Drip Operation Indicator
- y) alve Boxes
- z) Filter Fabric
- aa) Irrigation Wire and Tracer Wire
- ab) Wire Connector
- ac) Detectable Marking Tape
- ad) Brass Pipe and Fittings
- ae) Pre-assembled Swing Joints
- af) P C Laterals
- ag) P C Mainline
- ah) P C SCH 80 and P C SCH 40 Fittings and Connectors
- i) P C Pipe Primer and Solvent Cement
- a) Sand for Backfill
- 3. Physical samples for verification for each of the following:
- o) Soil Amendments Actual samples of the soil amendments shall be submitted to the Architect only if re uested by the Architect after approval of the soils test.
- p) Plant Fertilizer Tablets 10 tablets in a sealed and labeled plastic bag.
-) Mycorrhizal Packets 1 sealed Mycorrhizal packet in a sealed and labeled plastic bag.
- r) Imported Topsoil 1 uart volume in sealed plastic bags labeled with composition of materials including the following:
- radation limits
- Permeability rate
- Agricultural suitability
- Fertility characteristics as defined in this specification
- Sodium Adsorption Ratio (SAR)
- Soil Organic Matter Content
- Soil Texture & Organic Matter
- e) Bioretention Soil Media (BSM)- Submit 1 uart sample in sealed plastic bag labeled with source/supplier of BSM, location of source/supplier, available supplier testing information including agricultural suitability test, whole BSM test results from a third party independent laboratory, and description of proposed methods and schedule for mixing, delivery and placement of BSM.









OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS

LS-1.0
OCEANO, CA

DRAWN BY
DATE
DJ
5/19/2023
CHECKED BY
SCALE
SHEET

22 of 29

Agenda Item 7D

August 9, 2023 - Page 49 of 76

Attachments - Plans and Specifications

- g) Bark Mulch Submit 1 uart volume of bark mulch in sealed plastic bag labeled with the pro ect name and bark mulch product name.
- h) Landscape Filter Fabric 2 x1 sample of landscape filter fabric in a sealed and labeled plastic bag.
- 4. Delivery Slips: Legible copies of delivery slips for soil amendments, plant materials, rock products, and mulch specifying the uantities that were delivered. The contractor shall provide certificates, trip slips, and invoices to the District prior to final acceptance of the work.
- 5. ualification Data: For landscape Installer. Include list of similar pro ects completed by Installer demonstrating Installer's capabilities and experience. Include pro ect names, addresses, and year completed, and include names and addresses of District's contact persons.
- 6.Substitutions for the indicated materials will only be permitted provided the substitute materials are approved in writing, in advance, by the Architect and the District. All substitute materials shall conform to the re-uirements of these specifications. If accepted substitute materials are of less value than those indicated or specified, the contract price will be ad usted in accordance with the provisions of the contract.

PART 4

E ISTIN IMPRO EMENTS (A) SECTION 400 - PROTECTION AND RESTORATION

400-4 PAYMENT.

1.No separate or additional payment will be made for 1) protection of existing improvements, and 2) restoration of existing improvements. Damaged permanent survey markers will be restored by the District at the contractor expense.

PART 8 LANDSCAPIN AND IRRI ATION

SECTION 800 - MATERIALS

800-1.2.1 eneral. To paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

1. Furnish a certificate of compliance stating that the material

meets the specifications.

2.Contractor shall comply with the re uirements for the soil amendment and fertilizer products specified in this section unless otherwise directed by the soils report for the pro ect.

800-1.2.2 Manure. DELETE in its entirety.

800-1.2.3 Commercial Fertilizer. DELETE in its entirety and SUBSTITUTE with the following:

800-1.2.3 Commercial Fertilizers & Soil Amendments.

- 1. Commercial fertilizer shall be a pelletized or granular product having the chemical analysis shown on the Plans or specified in the Special Provisions.
- 2.Commercial fertilizer shall be free-flowing material delivered in unopened sacks.
- 3.Material which becomes caked or otherwise damaged shall not be used.

ADD

800-1.2.3.6 Pre-Plant Starter Fertilizer.

1.Fertilizer shall be (1-10-10) analysis and shall be a commercial grade flowable fertilizer with a 1 nitrogen analysis 10 phosphorous pentoxide and 10 potassium oxide. No potassium chloride is to be used. Organic nitrogen shall be from cottonseed meal and urea. Phosphorous. from superphosphate and cottonseed meal. Potassium (potash) from sulfate of potash and cottonseed meal. Screen analysis 74 to be retained on a 20-mesh screen. 0 to pass a 4-mesh screen, and 2 to pass a 48-mesh screen. The commercial grade product used shall be Wil- ro, ro-Power, Bandini, Kellogg, or approved e ual.

ADD:

800-1.2.3.7 Prilled Post-Plant Fertilizer.

1.Fertilizer shall have (14-7-3) analysis and be used for maintenance - all areas. A maintenance fertilizer shall be used that is granular and homogeneous. Iron and zinc shall be in chelated form and sizing of granules during manufacture is very important. A regular maintenance program using this product for at least the first year is recommended. The homogeneous fertilizer granules used shall contain a fertilizer analysis of 14 nitrogen of which 4 is ammoniac sulfate. Remainder of nitrogen shall be 8.75 water soluble and 1.25 water insoluble. Available phosphorous pentoxide shall be 7 Potassium oxide shall be 3 . Minor elements shall be chelated 25 by volume consisting of iron 2.0 zinc 0.15 and manganese 0.15 . By-product calcium shall be 2.0 . Organic nitrogen is derived from urea and cottonseed meal. Phosphate from superphosphate and cottonseed meal. Potash from sulfate of potash and cottonseed meal. No potassium chloride is to be used. Sulfur from sulfate of ammonia. Calcium from superphosphate, iron from ferrous sulfate and mixed sulfides. inc and manganese are expressed as metallic and in their elemental form. Screen Analysis (retained) approximately: 4-mesh 1.3 8 mesh 24.2 20-mesh 74.0 and

48-mesh 0.05. The commercial grade product used shall be Wil- ro Fairway, ro-Power, Bandini, Kellogg, or approved e ual.

ADD:

800-1.2.3.8 Plant Fertilizer Tablets.

1.Product:

a) Planting tablets shall be tightly compressed chip type commercial grade planting tablets, of varying sizes with the following available percentages by weight of plant food:

Nitrogen 20.0 min.

Phosphoric acid 10.0 min.

Potash 5.0 min.

The commercial grade product used shall be Agriform or approved e ual.

2.Installation:

a) Planting tablets shall be installed at the rates indicated below per planting container size or per manufacturer recommendations:

 1 allon and smaller 1, 21- ram tablet • 2 allon 2. 21- ram tablets • 3 allon 3, 21- ram tablets allon 3. 21- ram tablets • 7 allon 5. 21- ram tablets • 15 allon 10. 21- ram tablets • 24 Box 24. 21- ram tablets • 36 Box and larger Use manufacturer rates

b) Random testing to verify planting tablet installation shall be conducted by the District or Architect.

ADD:

800-1.2.3.9 Mychorrizal Packets.

1.Product:

- a) Mycorrhizal packets shall be 4-gram Myco Paks by Tri-C Enterprises or approved e ual.
- b) Mycorrhizal packets shall contain eleven species of mycorrhizal fungi in the following species and concentrations:
- lomus intraradices, . mosseae, . aggregatum, etunicatum - 33 propagules/gm each.
- Rhizopogon villosullus, R. luteolus, R. amylopogon, R fulvigleba - 5500 propagules/gm each.
- Pisolithus tinctorius 200,000 propagules/gm
- Scleroderma cepa, S. citrinum 11,000 propagules/gm each

2.Installation:

a) Place Myco-Paks at the base of the planting hole.

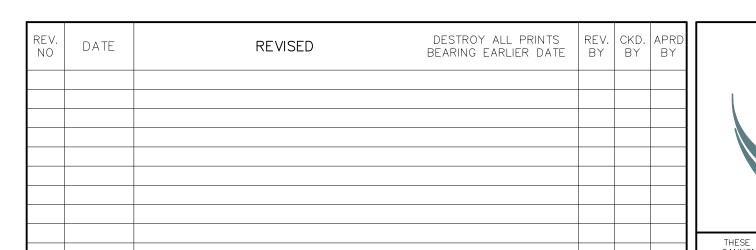
- b) Ensure direct contact with plant roots and Myco-Paks is achieved.
- c) Place 1 Myco Pak per plant up to 1 foot of height. Add Myco-Pak to the planting holes at e ual spacing for each additional foot of height or width.
- d) Place Myco-Paks at the rates shown below per plant container size.

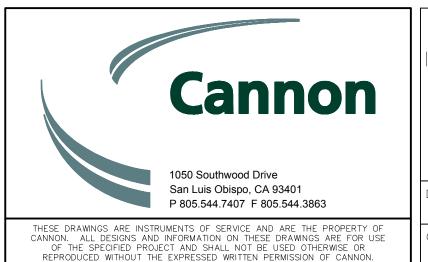
 Smaller than 1 gallon size 	1/2 Pak
1 allon size	1 Pak
• 5 allon size	3 Paks
 15 allon size 	8 Paks
• 24 Box size	12 Paks
• 36 Box size	18 Paks
 48 Box size and larger 	22 Paks

800-1.2.5 Mulch. DELETE in its entirety and SUBSTITUTE with the following:

- 1.Mulch shall be designated by Type in accordance with the re uirements herein.
- 2.Unless otherwise approved, mulch shall be packaged in bulk.
- 3.Mulch materials shall be free of seed, debris, and deleterious materials as certified by the Supplier and shall be as follows:
 - a) Type 1 Mulch (ground wood product) shall be Forest Mulch by Agriservice (760 295-6255) or approved e ual.
 - i. Type 1 Mulch shall have the following characteristics:
 - Natural, medium brown groundcover that knits down to reduce erosion and water loss.
 - Composed of assorted tree trimmings (including eucalyptus, pepper tree, pine, and other tree wood), wood and bark. No animal waste, sludge waste, lumber or C&D wood by-products included in mulch.
 - Typical particle size of one to three inches. 95 of the product, by volume, to conform to this particle size range.
 - Holds well on slopes for erosion control.
 - ii. Type 1 Mulch installation:
 - Install mulch evenly at uniform 3 depth in planter areas specified in planting plans.
 - Provide 4-inches of horizontal clearance away from the collar of tree trunks, 3-inches of horizontal clearance away from the collars of shrubs and ornamental grasses, and 2-inches of horizontal clearance away from the basal stem of ground covers.







OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS

LS-2.0
OCEANO, CA

DRAWN BY
DATE
DJ
CHECKED BY
SCALE
SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

CA JOB NO.
210534
SHEET
23 OF 29

3916 Normal Street

San Diego, CA 92103
619.294.4477

www.ktua.com

Agenda Item 7D

August 9, 2023 - Page 50 of 76

August 9, 2023 - Page 50 of 76

800-1.3 Seed. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Seed shall be fresh, clean, new crop seed, and mechanically premixed to the specified proportions.
- 2. Seed shall be delivered to the Work site in original unopened containers bearing the dealers—uaranteed Analysis, germination percentage, and a certificate, stamp, or release by a County Agricultural Commissioner. Any seed tagged Warning, Hold for Inspection—shall be inspected and released by the Agricultural Commissioner of the County within which the seeds are to be planted.
- 3. All seed used for lawn, erosion control, or other planting specified on the Plans or listed in the specifications shall be furnished in labeled and sealed standard containers with duplicate signed copies of a statement from the vendor certifying that each container of seed delivered is fully labeled in accordance with the California State Agricultural Code stating the certified percent of purity and germination.
- 4. Seed which has become wet, moldy, or otherwise damaged in transit or storage shall not be accepted.
- 5. Custom seed blends shall have the Pro ect name printed on the seed tag. Prior to the start of any seeding operation, custom seed blends shall be inspected and approved by the Engineer once delivered to the Site.
- 6. Turf Seed Species: Turf seed species shall be Whittet- Kukuyu manufactured by Stover Seed Company, located at 9180 San Fernando Road, Sun alley, CA 91352, www.stoverseed.com, or approved e ual.
- 7. Seed shall have 95 minimum purity and 80 minimum germination.

800-1.4.1 eneral. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Plants shall be inspected and approved by the Engineer prior to planting at the time of arrival to the ob site. Prior to 15 Working Days before installation, the contractor shall submit photos of all proposed plants to be used in accordance with 3-8.1.1, Landscape Submittals.
- 2. Plants shall have a growth habit normal to the species and shall be sound, healthy, vigorous, and free from insect pests, plant diseases, sun scalds, fresh bark abrasions, excessive abrasions, or other ob ectionable disfigurements.
- 3. Plant materials shall not contain any deleterious, obnoxious, or invasive weeds such as (not all inclusive): uackgrass, Johnsongrass, Poison Ivy, Nutsedge, Nimblewill, Canada Thistle, Bindweed, Bentgrass, Wild arlic, round Ivy,

Perennial Sorrel and/or Bromegrass.

- 4. All plants shall e ual or exceed any measurements specified and shall be supplied from the source indicated when a source is specified.
- 5. Tree trunks shall be sturdy and well hardened off
- 6. Plants shall have normal well-developed branch systems and vigorous and fibrous roots systems which are neither root nor pot bound and are free of kinked or girdling roots.
- 7. Other than the normal side pruning during the growth period, pruning shall not be done prior to inspection at the nursery. At no time shall the plant materials be pruned, trimmed, or topped prior to delivery, and any alteration on the site of their shape shall be conducted only with the approval and in the presence of a certified arborist.
- 8. The scientific and common names of plants specified shall conform to the approved names given in the Western arden Book published by Sunset Publishing, Menlo Park, CA.
- 9. When delivered on site, each group of plant materials shall be labeled clearly from the nursery source as to species and variety. Patented plants (cultivars) re uired by the plant list shall be delivered with a proper plant patent attached. Any plants which are not labeled or are not as indicated on the Plans and Specifications shall be re ected and shall be removed from the site immediately.
- 10. Inspection of plant materials: Plants shall be sub ect to inspection and approval or re ection at the pro ect site at any time before or during progress of work for size, variety, condition, latent defects and in uries. Re ected plants shall be removed from the pro ect site immediately.
- 11. Inspection of plant materials re uired by District, county, state, and/or federal authorities, and/or other regulatory agencies, shall be the responsibility of the Contractor. When necessary, the Contractor shall have secured permits or certificates prior to delivery of plants at site.
- 12. Re ection and substitution: All plants not conforming to the re uirements herein specified and/or as indicated on the drawings shall be considered defective, and such plants, whether in place or not, shall be marked as re ected and be immediately removed from the site of the work and replaced with acceptable plant materials. Under no condition will there be any substitution of plant species, variety, or reduced size for those listed on the accompanying drawings, except with the express written consent of the Landscape Architect.
- 13. Right to changes: The Architect reserves the right to change the plant species, plant variety, and/or sizes of plant material to be furnished, provided that the cost of such plant changes does not exceed the cost of plants in the original bid. The Contractor shall be notified in writing sixty (60) days before the planting operation has commenced. Field changes to the plant species, plant variety, and/or sizes of plant material might be re uired due to current availability and shall be coordinated with the Architect and District. Changes in the size and/or variety of any plant to be furnished which involves

a reduction or addition in cost shall be ad usted in the contract cost.

- 14. Container stock: Shall have grown in containers for at least six (6) months and through one (1) full growing season, but not over two (2) years. Samples shall be shown to prove that no girdled roots, circled roots, and/or root-bound conditions are present. Any such trees or shrubs shall be deemed as not acceptable. All container plants or trees that have a cracked or broken rootball when taken from the container shall not be planted except on special approval from the District or the Architect.
- 15. Root condition: The Architect reserves the right to inspect root condition of any species, particularly those grown from seed, and if found defective, to re ect the plants represented by the defective sample.
- 16. Protection: All plants at all times shall be handled and stored so that they are ade uately protected from drying out, from wind burn, and from all other in ury. All plants determined by the Architect or District to be wilted, burned, or dried out, may be re ected at any time, whether in the ground or not. All plants shall be handled solely by their containers and all plants that have been handled by the stem or trunk shall be re ected, and removed from the site immediately. The Contractor's on-site plant storage area shall be approved by the eneral Contractor prior to the delivery of any plant materials.

800-1.4.2 Trees. ADD the following:

- 1. Trees shall have a uniform trunk taper from the base of the tree, continuing up the main leader. Palms shall be un-skinned unless specified otherwise.
- 2. Trees with naturally occurring central leaders shall remain un-pruned or unaltered from the nursery.

800-1.5.4 Tree Ties.

- 1. Tree ties shall be manufactured of virgin flexible vinyl meeting ASTM-D412 standards for tensile and elongation strength.

 Material shall be black or ultraviolet resistance.
- 2. Tree ties shall be manufactured with a double back locking configuration and secured with one galvanized nail to prevent slippage.
- 3. Tree ties shall elongate with the tree growth and shall prevent damage to the tree.
- 4. Tree ties shall be Cinch Tie or approved e ual.

ADD:

800-1.7 Tree Root Barrier.

1. Product:

a) Polyethylene (0.08 inch thick) or polypropylene (2.032 - 2.16 mm thick), with self-locking oiners, raised 90 degree molded root deflecting ribs, ground lock tabs, double top edge, U inhibitors. Use 24" barrier unless otherwise stated. Root barrier by Deep Root, 101 Montgomery Street, Suite 2850, San Francisco, CA 94104, 415-781-9700, or approved

e ual.

b) Root barrier shall have the following characteristics:

Property	ASTM	Value
Tensile Stress Yield	ASTM 638	3800 PSI
Elongation @ Break%	ASTM D638	10% (varies by
		product length)
Tensile Modulus	ASTM D638	155,000 PSI
Notched Izod Impact	ASTM D256A	0,4-4,0 (varies by
_		product length)
Flexural Modulus	ASTM D790	145,000 PSI (varies
		by product length)
Hardness Shore	ASTM D2240	P66 (varies by
		product length)

2. Installation:

- a) Install root barrier as per manufacturer s recommendations.
- b) Root barrier shall be installed where trees are planted within five-feet (5) of paving or other hardscape elements or wet utilities (such as walls, curbs, walkways, etc.).
- c) Root barrier shall be aligned vertically and run in a linear fashion, along and directly ad acent to paving or other hardscape elements or wet utilities to be protected.
- d) Install root barrier along the edge of paving or hardscape element for a distance of 10 feet (10) in each direction from the tree trunk, for a total of twenty-feet (20) per affected tree. Where trees are closer than ten-feet (10) apart, a single continuous piece of root barrier shall be used. The Engineer may allow for alterations to the root barrier in order to accommodate necessary root locations based upon an arborist report.
- e) Root barrier shall not surround root ball of tree at any time except where trees are surrounded by paving (as in courtyard tree groves).
- f) Tops of root barriers are to be above finish grade of soil, with no portion visible above mulch.
- g) Do not damage root barrier during construction activities.
- h) Fasten root barrier panels together at splices with zipper oining system

ADD:

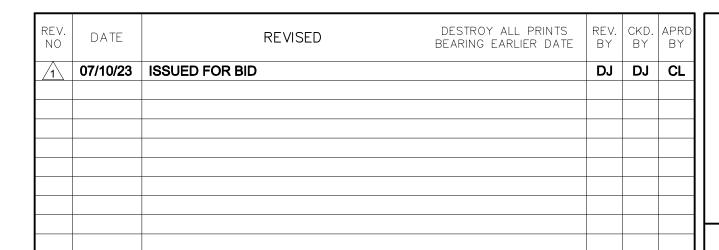
800-1.8 Landscape Filter Fabric.

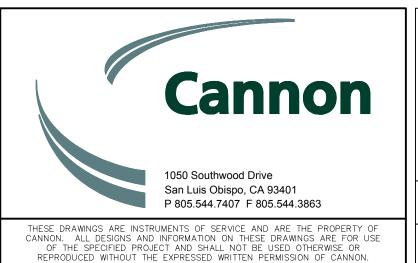
1. Product:

- a) eotextile filter fabric shall be a nonwoven geotextile composed of polypropylene fibers, formed into a stable network such that fibers retain their relative position.
- b) eotextile filter fabric shall be inert to biological degradation and resist naturally encountered chemicals, alkalis, and acids.









OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS
LS-3.0
OCEANO, CA

DRAWN BY
DJ
DJ
5/19/2023
CHECKED BY
SCALE
SHEET
24 OF 29

Agenda Item 7D

August 9, 2023 - Page 51 of 76

August 9, 2023 - Page 51 of 76

Property	ASTM	Value
Grab Tensile Strength	ASTM D4632	Min. Average Roll Value 120 lbs.
Grab Tensile Elongation	ASTM D4632	Min. Average Roll Value 50%
Trapezoid Tear Strength	ASTM D4533	Min. Average Roll Value 50 lbs.
CBR Puncture Strength	ASTM D6241	Min Average Roll Value 310 lbs.
Apparent Opening Size	ASTM D4751	Maximum Opening Size 70 (0.212)
Permittivity	ASTM D4491	1.7 sec-1
Flow Rate	ASTM D4491	135 gal/min/ft2
UV Resistance	ASTM D4355	70% strength retained

2. Installation:

- a) Place the landscape/geotextile filter fabric over the base course or compacted soil so it is smooth and wrinkle free
- b) Overlap filter fabric rolls by 6 min. at fabric roll edges.

ADD:

800-1.9 Pesticides & Herbicides

1. Products:

- a) eneral: Pesticides and herbicides shall be registered and approved by the EPA, acceptable to authorities having urisdiction, and of type recommended by manufacturer for each specific problem and as re uired for Pro ect conditions and application. Do not use restricted pesticides/herbicides unless authorized in writing by authorities having urisdiction
- b) All Pesticides, herbicides and other chemicals used shall be reviewed and approved by the District and Architect prior to purchase or use.
- c) Pre-Emergent Herbicide (Selective and Non-Selective):
 Effective for controlling the germination or growth of weeds
 within planted areas at the soil level directly below the mulch
 layer. Pre-Emergent Herbicide shall be Ronstar 2 as
 manufactured by Bayer Environmental Science, Canada (888
 283-6847) or approved e ual.
- d) Post-Emergent Herbicide (Selective and Non-Selective): Effective for controlling weed growth that has already germinated. Post-Emergent Herbicide shall be non-toxic, eco-friendly herbicide such as A.D.I.O.S. Selective Organic Weed control or approved e ual.

2. Application:

- a) Apply pesticides/herbicides and other chemical products and biological control agents in accordance with manufacturers written recommendations.
- b) Coordinate applications with District's operations and others in proximity to the Work.

3916 Normal Street
San Diego, CA 92103
619.294.4477

www.ktua.com

c) Notify District before each application is performed.

d) No restricted pesticides shall be used.

- e) Pre-Emergent Herbicides (Selective and Non-Selective):
 Apply to all tree, shrub, and groundcover areas in
 accordance with manufacturers written recommendations.
 Do not apply to seeded or hydroseeded areas.
- f) Post-Emergent Herbicides (Selective and Non-Selective):
 Apply only as necessary to treat already-germinated weeds
 and in accordance with manufacturers written
 recommendations.

800-2.1.3 Plastic Pipe for Use with Solvent Weld Socket or Threaded Fittings. ADD the following:

- Purple color Schedule 40 and Class 315 pipe shall be used for continuously pressurized pipe on the supply side of control valves as shown on the Plans. Use Schedule 40 pipe for 1-1/2 (38 mm) main line and Class 315 pipe for main line sizes two inch (50 mm) and larger.
- 2. Purple color Schedule 40 pipe shall be used for installation on the discharge side of control valve (lateral lines).
- 3. Fittings and couplings for plastic pipe shall be threaded or slip-fitted tapered socket solvent weld type. Threaded female adapters shall be provided with socket pipe for connections to threaded pipe. Plastic pipefitting and coupling shall be P C I or P C I/II material. The type of plastic material and schedule size shall be indicated on each fitting or coupling.
- a) All fittings on pressurized main lines shall be Schedule 80.
- b) All threaded fittings shall be Schedule 80.
- c) Slip fittings for non-pressure lateral lines shall be Schedule 40.
- 4. Fittings and couplings shall comply with the following table:

ΔΠΠ

800-2.1.3.1 Pipe Primer and lue.

1. Refer to 207-17.3.3, Solvent Cement Joints

ADD:

800-2.1.3.2 Pipe Sleeves.

1. Pipe sleeves shall be purple color Schedule 40 pipe and shall be 2 times the diameter of the pipe or wire bundle being sleeved with a minimum size of 2 inches (50.8 mm). Pipe sleeves shall extend 12 inches (304.8 mm) beyond the edge of hardscape and shall be re uired when wires and pipes cross under streets, driveways, walkways, and access paths. Pull boxes shall be located over the terminus of the sleeve. At the end of the sleeve, wires shall extend up into the pull box and shall provide a 2 foot (0.6 m) expansion loop.

ADD:

800-2.1.6 Concrete Thrust Blocks.

1. Refer to 201-1.1.2, Concrete Specified by Class and Alternate Class.

800-2.2.3 Manual Control alves. DELETE in its entirety and



SUBSTITUTE with the following:

800-2.2.3 Manual Control alves.

1. Manual control globe valves shall be brass or bronze and shall be straight pattern globe valves. alves shall be full-opening, key-operated with a replaceable compression disc, and shall have ground oint unions on the discharge end. alves shall have a brass or bronze cross handle.

800-2.2.4 Remote Control alves. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Remote control valves shall be:
 - a) Electrically operated.
 - b) Brass or bronze with accurately machined valve seat surfaces.
 - c) E uipped with flow control ad ustment and capability for manual operation.
 - d) Made so that they may be readily disassembled for servicing.
- 2. Plastic remote control valves shall be electrically operated and may be used only when specified or with prior approval from the Engineer. Unless otherwise specified, the valve body shall be constructed of heavy-duty glass- filled U -resistant nylon and have stainless steel studs and flange nuts. Diaphragms shall be of nylon reinforced nitrile rubber with accurately machined valve seat surfaces e uipped with flow control ad ustments and shall be capable of manual operation. All internal parts shall be removable from the top of the valve without disturbing the valve installation.

800-2.2.6 uick-Coupling alves and Assemblies. DELETE in its entirety and SUBSTITUTE with the following:

- 1. uick coupling valves shall be brass or bronze with self-closing valves and shall be supplied in 3/4 inch (20 mm) sizes, unless otherwise specified.
- 2. When a uick-coupler assembly is specified, it shall consist of the valve, uick-coupler key and hose swivel.
- 3. uick coupling valves shall have a locking vinyl cap.

800-2.2.7 alve Boxes. DELETE in its entirety and SUBSTITUTE with the following:

- alve boxes shall be commercial grade, professional irrigation type, integral green colored, with locking bolt-down green lids, by Carson-Brooks, Ametek, or approved e ual. Include stainless steel bolt and stainless steel washer for each valve box.
- a) For remote control valve: 10" x 19" nom. plastic valve box.
- b) For ball or gate valve: 10" diameter round plastic box.
- c) For uick coupling valve box: 10" diameter round plastic box.
- d) For wire splice box, pull box and spare wire box: 10" diameter round plastic box.
- e) alve box extensions shall be of the same manufacturer, size and color as existing valve box to be ad usted to finish grade,

unless when fully buried below finish grade.

ADD:

800-2.2.13 Drip System Components.

- 1. Drip Pressure Regulating Filter. The pressure regulating filter shall consist of a plastic body and bell housing, a filter screen and a preset regulator for maintaining the downstream pressure.
- 2. Drip Air acuum Relief Assembly. The drip air vacuum relief valve assembly shall be shall be as specified in the drawings.
- 3. Drip Flush alve Assembly. The drip flush valve assembly shall be shall be as specified in the drawings,
- 4. Dripline, Fittings and Staples. The dripline shall be as specified in the drawings.
- 5. Drip Operation Indicator. The drip operation indicator shall be installed with components in the details, and per manufacturers instructions.

ADD:

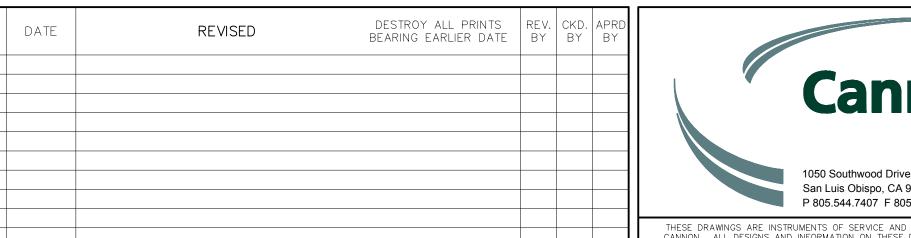
800-2.4 Sprinkler E uipment. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Sprinkler heads, bubbler heads, and spray nozzles shall be of the types and sizes shown on the Plans. E uipment of one type and flow characteristics shall be from the same manufacturer and all e uipment shall bear the manufacturers name and identification code in a position where they can be identified in the installed position.
- Sprinkler heads used for replacing or adding to zones with existing e uipment shall be of same type, manufacturer and model number.

ADD:

800-2.5 Extra E uipment to Be Furnished.

1. The contractor shall provide the following to the District prior to the final Acceptance, unless otherwise specified on the Plans or Special Provisions:



THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF CANNON. ALL DESIGNS AND INFORMATION ON THESE DRAWINGS ARE FOR USE OF THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE OR REPRODUCED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF CANNON.

OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS

LS-4.0
OCEANO, CA

DRAWN BY
DATE
DJ
5/19/2023
CHECKED BY
SCALE
SCHOOL
IMPROVEMENTS
CA JOB NO.
210534
SHEET

25 of 29

Agenda Item 7D

August 9, 2023 - Page 52 of 76

August 9, 2023 - Page 52 of 76

b) One (1) valve key for uick coupler assemblies installed or portions thereof.

800-3.2.1 Conduit. DELETE in its entirety and SUBSTITUTE with the following:

- Rigid non-metallic conduit shall conform to the re uirements of the UL Standard for Rigid Non-Metallic Conduit, Publication UL 651 (P C Schedule 80) and UL 651B (HDPE). Rigid non-metallic conduit connections shall be of the solvent weld type. For underground installation, conduit shall be UL approved heavy wall polyvinyl chloride (P C Schedule 40) unless specified otherwise on the Plans or Special Provisions.
- 2. A manufactured weatherproof plastic identification tag showing the irrigation controller and station shall be affixed to the colored conductor wire in each valve and pull box.
- 3. Common Wires and Tracer Wires: Common wires shall match existing wire type and gauge, and color coded the same as existing common wire connecting to. Tracer wires shall be 12 AW direct burial type.
- 4. Wire Bundles: Tape wire bundles with colored vinyl electrical tape 10 feet (3 m) on center. Use different color tape for each controller.

ADD:

800-3.2.2.1 Wire Connectors.

- 1. Wire connectors for direct burial irrigation control wires of 30 volts or less shall be capable to accommodate 18, 14, 12 and 10 gauge wire sizes and shall be designed to ensure waterproof connections. The wire connector kit shall contain a UL and CSA listed copper crimp sleeve, polyethylene connector body, and polyethylene connector plug. The connector plug shall be filled with blue color self-curing epoxy resin sealant immediately prior to assembly of the wire connector to fully waterproof the connection.
- 2. Wire connectors shall be installed in accordance with the manufacturer's recommendations.

ADD:

800-3.2.2.2 Trench Marker Tape.

Trench marker tape for irrigation systems supply lines shall be 3 inches wide and consist of a minimum 5.0 mil overall thickness with a 0.35 mil solid aluminum foil core. Marker tape shall be acid, alkaline and corrosion resistant. Lettering shall be 1 inch (25.4 mm) height minimum, with purple color designation and with the words "Non-Potable Irrigation".

SECTION 801 - INSTALLATION

801-1 ENERAL. DELETE in its entirety and SUBSTITUTE with the following:

- 1. This section includes specifications for the preparation, planting, and irrigation system construction for landscape areas shown on the Plans.
- 2. Unless otherwise specified, walls, curbs, planter boxes, walks, irrigation systems, and similar improvements shall be constructed following rough grading and before landscaping and irrigation work.
- 3. Work on the irrigation system including hydrostatic tests, backfill and densification of trenches, and other excavations shall be performed before topsoil placement. Preliminary operational tests of the automatic control system and coverage tests shall be performed after topsoil placement.

801-2.2.1 eneral. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Unless otherwise specified on the Plans or Special Provisions, the topsoil shall be Class A and shall be 15 inches (381 mm) thick.
- 2. Planting areas shall be free of weeds and other extraneous materials to a depth of 12 inches (304.8 mm) below finish grade before topsoil Work.
- Soil shall not be worked when it is so wet or so dry as to cause excessive compaction or the forming of hard clods or dust.
- 4. The existing soil below subgrade for Class A and Class B topsoils shall be scarified in a cross pattern to a depth of 6 inches (152.4 mm) prior to placement of topsoil. Stones over 1 inch (25.4 mm) in greatest dimension shall be removed from the scarified area. The subgrade depth shall be verified by the Engineer prior to topsoil import.
- 5. Class C topsoil shall be scarified and cultivated to a finely divided condition to a depth of 8 inches (203.2 mm) minimum below finish grade. During this operation, all stones over 1 inch (25.4 mm) in greatest dimension shall be removed.
- 6. The soil shall be prepared in accordance with the recommendations of the soil analysis results stated in 800-1.1.2, Class A Topsoil .

801-2.2.2 Fertilizing and Conditioning Procedures. DELETE in its entirety and SUBSTITUTE with the following:

- 1. All planter areas shall be deep-ripped and loosened to a depth of 12-inches in all directions.
- 2. All sub-surface rocks over 2-inches in diameter and other underground obstructions shall be removed to the depth necessary to permit proper fine grading, tilling, or planting according the the plans and specifications to a minimum depth of 12-inches.
- 3. The planting area shall be brought to finish grade before spreading the fertilizers or soil conditioning materials specified in the soil test recommendations.

- 4. If leaching is re uired per the recommendations of the soil test recommendations, amendments shall be blended into the soil prior to leaching with the exception of soil conditioner, gypsum, soil sulfur, iron sulfate, and pre-plant fertilizer. Leaching shall be performed until analysis results are in compliance with agriculture suitability standards. Soil amendment materials shall be uniformly spread at the prescribed rate as recommended in the soil test recommendations.
- 5. The uantities of materials necessary for the planting areas shall be at the Work site and verified by delivery tickets furnished to the Engineer before spreading.
- 6. After spreading, the soil amendments shall be cultivated into the upper 15 inches (381 mm) of soil by suitable e uipment operated in at least 2 directions at right angles.
- 7. Contractor shall apply the amendments below to all planter areas. This is for bidding purposes only and the soil amendment recommendations of the soils report shall supersede these guidelines.

• Soil Conditioner: 4 cu.yd. per 1,000 s . ft.

ypsum: 100 lbs. per 1,000 s . ft.

Soil Sulfur: 20 pounds per 1,000
 s . ft.

Iron Sulfate: 20 pounds per 1,000
 s . ft.

• Triple superphosphate (0-45-0) 4 pounds per 1,000 s . ft.

Potassium sulfate (0-0-50)
1,000 s . ft.

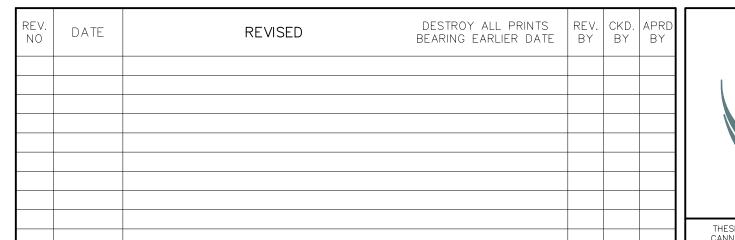
- 8. The resulting soil shall be in a friable condition.
- 9. All planting areas shall be fertilized in a uniform manner at the application rate identified in the soil analysis recommendations.
- 10. Fertilization of turf areas shall be accomplished by uniformly spreading 50 of the specified uantity in one direction. The remaining 50 of the fertilizer uantity shall be spread perpendicular to the previous direction, immediately after the initial application. Each of the applications shall be spread uniformly in parallel, overlapping passes, to provide uniform results.

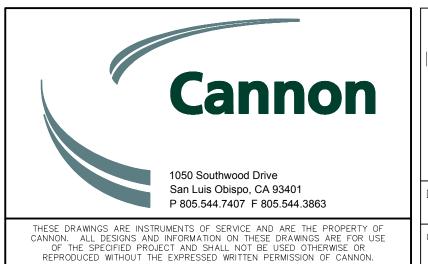
801-2.3 Finish rading. DELETE in its entirety and SUBSTITUTE with the following:

1. Finish rading shall provide a smooth, uniform surface plane with loose, uniformly fine texture. Roll, drag and rake to remove ridges, and fill depressions to meet finish grades. Rake out and remove all rocks and material 1/2-inch size and larger. Prior to approval, remove ridges greater than 1/2 inch and fill depressions greater than 1/2 inch within a 100 s . ft. (10-foot x 10-foot) area.

- 2. Finish grades shall be as indicated on the Plans.
- 3. Finish grades shall be measured at the top surface of surface materials.
- 4. Molding and rounding of the grades shall be provided at all changes of slope.

Shattre 1980/2024
Renewal Date OF CALLFOR





OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS

LS-5.0
OCEANO, CA

DRAWN BY
DJ
5/19/2023
CHECKED BY

SCALE

CA JOB NO.
210534

SHEET
26 OF 29

3916 Normal Street
San Diego, CA 92103
619.294.4477
www.ktua.com

Agenda Item 7D

August 9, 2023 - Page 53 of 76

August 9, 2023 - Page 53 of 76

- 6. Finish grades shall be acceptable to Engineer before planting operations begin.
- 7. Finish grade shall ensure positive drainage of the site with all surface drainage away from buildings, other structures, and walls with flow towards storm drains and catch basins.
- 8. eneral planting areas shall be graded with no less than 2 percent surface slope for positive drainage.
- 9.Sports Field turf areas (softball fields, baseball fields and multi-purpose fields) shall be graded with a 1.5 minimum and 2 maximum surface slope for positive drainage unless indicated otherwise on the drawings. Sports Fields shall be laser graded in accordance with the Sports Turf Managers Association pamphlet Laser rading Sports Fields available at www.STMA.org.
- 10. Compact blended planting soil to 80 percent minimum to 85 percent maximum of maximum Standard Proctor density according to ASTM D 698 unless otherwise shown on Plans.
- 11. The finish grade ad acent to paving, curbs, or headers shall be inch (12.7 mm) in lawn areas and 3 inches (76.2 mm) in shrub and groundcover areas.

801-4.1 eneral. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Actual planting shall be performed during those periods when weather and soil conditions are suitable and in accordance with locally acceptable practice.
- 2. The types, sizes, and uantities of plant materials shall be as specified in the Special Provisions or shown on the Plans.
- 3. All plants shall be reviewed and approved prior to planting, including plants previously approved at the nursery. The contractor shall be responsible for the condition of all plants, planted or otherwise, until the completion of the Work.
- 4.Planting shall be performed with materials, e uipment, and procedures favorable to the optimum growth of the plants and in compliance with these procedures.
- 5.Except as noted for specimen planting, all planting shall follow the completion of the irrigation system.
- 6. Soil shall be fertilized and all soil leaching completed prior to planting per the recommendations of the soil analysis results.
- 7. Application of the pesticides and herbicides shall be as specified in the Special Provisions.
- 801-4.3 Layout and Plant Location. DELETE in its entirety and SUBSTITUTE with the following:
 - 1. Prior to planting, perform a detailed layout within the planting areas to be approved by the Engineer.
 - 2. The first row of plants in areas designated for center-to-center spacing of plants shall be located at one-half of designated

3916 Normal Street

619.294.4477

www.ktua.com

San Diego, CA 92103

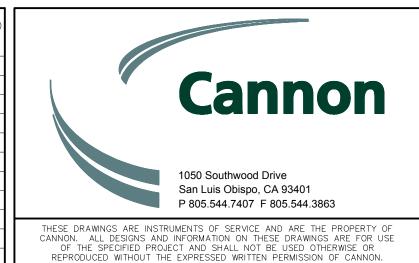
- spacing form the edge of the area unless specified otherwise on the Plans or Special Provisions.
- 3. Plants shall be located to prevent irrigation blockage.
- 4.Layout of trees: All trees 24" box size and larger (including any specimen bareroot palms) shall be placed in the landscape per the direction of the Architect prior to installation of irrigation system. The trees shall then be moved so that planting holes can be excavated and amended. The trees shall then be installed in their respective holes and positioned in the holes per direction of the Architect.
- 5.Layout of planting: Locations shall be approved by the Architect. All container plants shall be set by the Contractor in their final location in their respective containers prior to digging holes and/or planting. All plant locations shall be checked for possible interference with existing underground utility lines.
- 801-4.5 Tree and Shrub Planting. DELETE in its entirety and SUBSTITUTE with the following:
 - 1. Planting holes shall be the depth of and twice the width of the plant container or ball and shall be larger, if necessary, to permit handling and planting without in ury or breakage of the root ball or root system. Any plant with a broken or cracked root ball before or during planting shall not be planted.
 - 2.Plant holes shall not be augured. This produces a smooth wall that deters lateral root growth. Smooth edges shall be scarified prior to planting.
 - 3.Excavate circular planting pits with sides sloping inward at a 45-degree angle. Excavations with vertical sides are not acceptable. Trim perimeter of bottom leaving center area of bottom raised slightly to support root ball and assist in drainage away from center. Do not further disturb base. Ensure that root ball will sit on undisturbed base soil to prevent settling. Scarify sides of planting pit smeared or smoothed during excavation.
 - 4.Do not excavate deeper than depth of the root ball, measured from the root flare to the bottom of the root ball.
 - 5. If area under the plant was initially dug too deep, add soil to raise it to the correct level and thoroughly tamp the added soil to prevent settling.
 - 6. Maintain re uired angles of repose of ad acent materials as shown on the Drawings. Do not excavate subgrades of ad acent paving, structures, hardscapes, or other new or existing improvements.
 - 7. Excavation shall include the stripping and stacking of all acceptable soil encountered within the areas to be excavated for plant pits and planting beds. Protect all areas that are to be trucked over and upon which soil is to be temporarily stacked pending its re-use for the filling of holes, pits, and beds.
 - 8. Maintain supervision of excavations during working hours.
 - 9. Keep excavations covered or otherwise protected when unattended by Installer's personnel.
 - 10. Subsoil and topsoil removed from excavations may be used as planting soil. Amend any excavated soils per the soils report prior to use.

- 11. Obstructions: Notify Landscape Architect if unexpected rock or obstructions detrimental to trees or shrubs are encountered in excavations.
- 12. Hardpan Layer: Drill 6-inch diameter holes, 24-inches apart, into free draining strata or to a depth of 10 feet, whichever is less, and backfill with free-draining material.
- 13. Drainage: Notify Landscape Architect if subsoil conditions evidence unexpected water seepage or retention in tree or shrub planting pits.
- 14. Fill excavations with water and allow to percolate away before positioning trees and shrubs.
- 15. Containers shall be removed in such a manner that the roots are not in ured. Balled plant wrappings shall be loosened or cut back after the plant is positioned in the planting hole.
- 16. The native soil at the bottom and sides of planting holes shall be scarified.
- 17. Prepared backfill mix for shrub planting shall consist of 20 to 40 by volume of Type 1, 2, or 3 organic soil amendments mixed with native soil, depending on soil conditions at each site, as approved by the Engineer. On pro ects re uiring soil analysis of native soil, backfill mix shall be determined by the recommendation of the soil analysis results and as approved by the Engineer.
- 18. Planting installation shall conform to the following re uirements:
- a) The bottom of the planting pit shall be compacted.
- b) Carefully remove root ball from container without damaging root ball or plant.
- c) Remove stem girdling roots and kinked roots. Remove in ured roots by cutting cleanly do not break.
- d) The plant shall be set at the approximate center of the hole and plumb so that the crown of the plant is 1 inch (25.4 mm) above finish grade.
- e) Backfill shall be added in 6-inch (152.4 mm) lifts and shall be hand tamped to finish grade.
- f) Backfill around root ball in layers, tamping to settle soil and eliminate voids and air pockets. When planting pit is approximately one-half filled, water thoroughly before placing remainder of backfill. Repeat watering until no more water is absorbed.
- g) Use planting soil with the heretofore specified amendments for backfill.
- h) Do not cover the top of the rootball with backfill soil, which might create soil interface conflicts and inhibit aeration and gaseous exchange.
- i) The backfill shall be thoroughly water-settled and additional backfill added to fill any remaining void below finish grade.
-) After the water has drained, the specified number of fertilizer tablets shall be placed in the planting hole in the presence of the Engineer. Place planting tablets in each planting pit when pit is approximately one half filled in amounts recommended

- in this specification. Place tablets beside the root ball about 1-inch from root tips do not place tablets in bottom of the hole.
- k) Except within tree grates, a circular watering basin shall be constructed at the edge of the tree planting pit. The basin berm shall be 4 inches (101.6 mm) high. The bottom of the basin shall be at approximate finish grade or slightly lower. The specified mulch shall be spread at least 3 inches (76.2 mm) thick in the basin leaving 3 inches (76.2 mm) of clearance around the base of shrubs and 4 inches (101.6 mm) at tree trunks.
- I) When planting on slopes, set the plant so the root flare on the uphill side is flush with the surrounding soil on the slope the edge of the root ball on the downhill side will be above the surrounding soil. Apply enough soil to cover the downhill side of the root ball.
- Basins of planted container material shall not be planted or seeded.
- 20. After planting, the plant shall be plumb, with the root crown 1 inch (25.4 mm) above finish grade.
- 21. Soil moisture level in planting areas at time of planting shall be no less than horticulturally acceptable. The Contractor shall re uest approval of moisture, and if found to be insufficient for planting, the planting pits shall be filled with water and allowed to drain before starting any planting operations.
- 22. Create rootball drainage for all boxed trees by removing the bottom of the box before planting or cutting drainage holes in the bottom of the box, or separating the boards on the bottom after planting, or other approved method.
- 23. The Contractor shall be responsible for all surface and subsurface drainage re uired which may affect his / her guarantee of the trees, shrubs, ornamental grasses and vines.
- 801-4.6.1 Method A Tree Staking. DELETE in its entirety and SUBSTITUTE with the following:
- 801-4.6.1 Tree Staking.
 - 1. Trees shall be staked with the type and length of stake in accordance with 800-1.5.3, Tree Stakes. Tree ties shall be in accordance with 800-1.5.4, Tree Ties.
 - 2. All trees and any other plants indicated on the plans shall be staked per detail.
 - 3. Stakes shall be driven into the ground of the windward side of the tree. The stakes shall be driven in plumb and secure. Special care shall be taken that the driving in of the stake does not damage the tree bark, tree roots or root ball.
 - 4. Tree ties shall be wrapped around the tree trunk and the stake, twisting to form a figure-eight. The tree ties shall be long enough to provide for 3-inches of slack to permit the tree trunk limited movement in any direction. Secure the tree tie with the double-back locking configuration.
 - 5. Secure each tree tie with one galvanized nail driven through the tree tie and into the stake to prevent slippage (see Drawings).



REV. NO DATE REVISED DESTROY ALL PRINTS BEARING EARLIER DATE BY BY BY



OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS
LS-6.0
OCEANO, CA

DRAWN BY
DATE
DJ
5/19/2023
CHECKED BY
SCALE
SCHOOL
INFILTRATION & CHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

CHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS

LS-6.0
OCEANO, CA

SHEET

Ktua

Agenda Item 7D August 9, 2023 - Page 54 of 76

27 of 29

7.Except at tree grates, install Redwood Cross Brace (1" x 4"x 36") between the two stakes on the windward side at each tree. Secure brace to stakes with (4)-6d galvanized nails. Refer to SLO County Public Works Tree Planting Detail M-5.

801-4.8.2 Seed. ADD the following:

1. Turf Seed application rate shall be 2 lbs per 1000 s uare feet.

To paragraph (2), subsection a, Method A, ADD the following:

The soil shall be moist for a depth of 6 inches (152.4 mm) before planting. If not, prior to planting the soil shall be watered to a depth of 8 inches (203.2 mm) and allowed to dry out to the point soil is moist and shall support labor and e uipment without damage or undue compaction to soil and finish grade.

801-5.1 eneral. To paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

The contractor shall be responsible for furnishing the labor and materials for the utility connections. Utility connections shall be as shown on the Plan or designated by the utility company.

ADD the following:

- 1. The installation of the irrigation system shall be in accordance with the manufacturers instructions unless specified otherwise.
- 801-5.2 Trench Excavation and Backfill. DELETE in its entirety and SUBSTITUTE with the following:
 - 1. Trenches and other excavations shall be sized to accommodate the irrigation system components, conduit, and other re uired facilities. Additional space shall be provided to assure proper installation and access for inspection.
 - 2. The bottom of trenches shall be true to grade and free of protruding stones, roots, or other matter which would prevent proper bedding of pipe or other facilities.
 - 3. Trenches and excavations shall be backfilled so that the specified thickness of topsoil is restored to the upper part of the trench. Backfill shall be etted in accordance with 306-12.4, Jetted Trench Backfill . Other methods of compacting backfill may be approved by the District.
- 801-5.3.1 eneral. To paragraph (2), sentence (2), DELETE in its entirety and SUBSTITUTE with the following:

The pipe shall be surrounded with SE 50 plaster or mortar sand material per 200-1.5.5, Sand radations.

To Paragraph (3), ADD the following:

Irrigation mainlines, valves, and supporting e uipment shall be located in the planting areas. Unless otherwise specified no parallel pressure pipelines shall be installed within 1 foot (0.3 m) of each other.

801-5.3.3 Plastic Pipeline. ADD the following:

4. Tees shall be installed horizontally at the connection with the main line.

801-5.3.4 Brass Pipeline. ADD the following:

- 1. Brass pipe shall have a straight butt s uare edge with all burrs and fins removed.
- 801-5.4 Installation of alves, alve boxes, and Special E uipment.

 DELETE in its entirety and SUBSTITUTE with the following:
 - 1. All irrigation e uipment, except sprinkler heads and bubblers, shall be located a minimum of 10 feet (3 m) away from all tree locations. All irrigation e uipment, except sprinkler heads and bubblers, shall be placed in shrub beds unless otherwise specified.
 - 2. alves and other e uipment shall be installed in a normal upright position unless otherwise recommended by the manufacturer, and shall be readily accessible for operation, maintenance, and replacement.
 - 3. alves shall be the same size as the mainline pipe in which they are to serve unless otherwise shown on the Plans.
 - uick coupler valves shall be 12 inch (304.8 mm) from curbs, pavement, and walks. In ground cover and shrubbery areas, uick coupler valves shall be set flush with finish grade of mulch or grass.
- 801-5.5.1 eneral. DELETE in its entirety and SUBSTITUTE with the following:
 - 1. Mains and laterals, including risers, shall be flushed and pressure tested before installing swing oints and sprinkler heads, after which a water coverage test shall be performed.

801-5.7.2.1 eneral. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Pressure testing for leakage shall be performed on newly installed supply lines, pressure mains, and laterals.
- 2.Pressure testing shall be done with all in-line isolation valves, manifold isolation valves, uick coupling valves and remote-control valves installed. All gate valves and globe valves shall be completely open. Remote-control valves shall be completely open with the outlet side capped off.
- 3.Irrigation lateral line testing (downstream of the control valve) shall be done with all solvent weld fittings in place. Connections for sprinkler head assemblies (swing oint assemblies) shall be capped.
- 4. Pipelines installed by trenching and backfilling and pipelines which are completely visible after installation shall be tested in accordance with 801-5.7.2.2, Pipeline Pressure Test Method.
- 5.Backfilling of trenches shall not occur prior to pressure testing. Center loading of the pipes is allowed provided all oints are

completely exposed for observation.

801-5.7.2.2 Method A. DELETE in its entirety and SUBSTITUTE with the following:

801-5.7.2.2 Pipeline Pressure Test Method.

- 1. Pressure testing for leakage shall conform to the following procedure:
 - a) Notify the Engineer at least 24 hours prior to performing a pressure test. Pressure tests shall be performed such that the test periods are within the working hours specified in the Special Provisions. The Engineer shall observe each pressure test.
 - b) Before any portion of the pipeline on the supply side of a control valve is backfilled, water shall be turned on into that portion of the line and maintained at full pressure as described in the table below from the water source for a period of not less than 4 consecutive hours after air has been expelled from the line.
 - c) Before any portion of the pipeline on the discharge side of control valve is backfilled, a similar test shall be performed, except the test shall be for a period of 2 hours as described in the table below. Leaks that develop in a tested portion of the system shall be repaired. After the leaks have been repaired, the pressure test shall be repeated. Additional repairs shall be made until no leaks occur.
 - d) The constant test pressure shall be as follows:

Pressurized Mains 125 psi (861.8 kPa)4 hours Non-pressurized Laterals 100 psi (689.5 kPa)2 hours

801-5.7.2.3 Method B. DELETE in its entirety.

ADD:

801-5.10 Drip System Components.

- 1. Drip Pressure Regulating Filter. The pressure regulating filter assembly shall be assembled with components in the details, and per manufacturers instructions.
- 2.Drip Air acuum Relief Assembly. The drip air vacuum relief valve assembly shall be assembled with components in the details, and per manufacturers instructions.
- 3.Drip Flush alve Assembly. The drip flush valve assembly shall be assembled with components in the details, and per manufacturers instructions.
- 4. Dripline, Fittings and Staples. The dripline shall be installed with components in the details, and per manufacturers instructions.
- 5.Drip Operation Indicator. The drip operation indicator shall be installed with components in the details, and per manufacturers instructions.

801-6 MAINTENANCE AND PLANT ESTABLISHMENT. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Maintain all planted areas on the continuous basis as they are completed during the progress of the Work and during the Plant Establishment Period (PEP).
- 2. Mowing of lawn areas shall be as specified in 801-4.8, Lawn Planting .
- 3. Any re uired pruning of plants shall be designated by the Engineer at the start of the PEP. Perform the pruning as part of the plant establishment Work.
- 4. After all planting and related Work has been completed in accordance with the Contract Documents, re uest a pre-maintenance inspection from the Engineer. All Punchlist items shall be completed prior to the start of the PEP.
- 5. After planting is completed, a field notification shall be issued to establish the effective beginning date of the PEP.
- 6. The PEP shall be as specified in the table below unless otherwise specified in the Contract Documents.

Permanently Irrigated Plants and Sod Installation	90 Calendar Days
Seed or Stolonized Lawn Areas	120 Calendar Days

- 7.Unless otherwise specified, the Resident Engineer and Pro ect Biologist will determine that the PEP has been successfully completed when the following conditions have been met:
 - a) Site is erosion free.
 - b) 100-percent container plant survival.
 - c) ero-percent weed and invasive plant cover.
 - d) Best Management Practices (BMPs) are in good condition as determined by the Resident Engineer.
- 8. The PEP shall be extended by the Resident Engineer if additional planting is necessary to achieve the re uired success criteria above or if other corrective Work becomes necessary.
- 9.Dead, damaged, unhealthy, and otherwise unsatisfactory plant materials shall be replaced within 2 weeks from the Engineer's notification.
- 10. Upon completion of the PEP, a final inspection shall be performed by the Engineer. If the PEP is satisfactorily completed ahead of other Work included in the Contract, the maintenance of planted areas shall be continued until all other Work has been completed.

801-6 MAINTENANCE AND PLANT ESTABLISHMENT (Cont.).

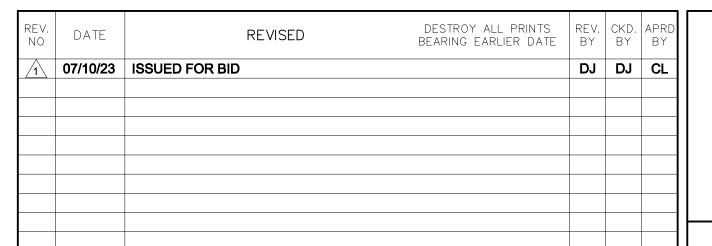
1. Maintenance shall be performed weekly or as directed by the Engineer and shall include irrigation inspection and repair, Site cleanup, pruning of groundcover, shrubs, and trees, mowing, weed control, fertilization every 4 weeks in accordance with 801-2.2.2, Fertilizing and Conditioning Procedures, pest and fungi control, plant replacement, and mulch replenishment.

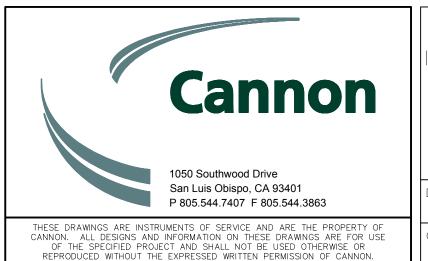


3916 Normal Street San Diego, CA 92103 619.294.4477

www.ktua.com







OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

LANDSCAPE SPECIFICATIONS
LS-7.0
OCEANO, CA

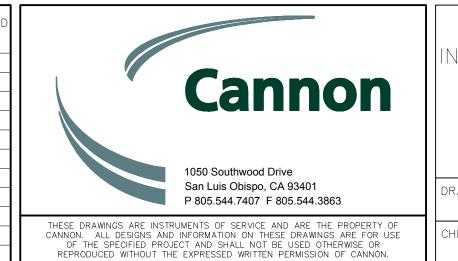
DRAWN BY
DATE
DJ
5/19/2023
CHECKED BY
SCALE
SHEET

28 of 29

Agenda Item 7D

August 9, 2023 - Page 55 of 76

August 9, 2023 - Page 55 of 76



OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS LANDSCAPE SPECIFICATIONS LS-8.0 OCEANO, CA DRAWN BY CA JOB NO. 5/19/2023 210534 CHECKED BY SCALE 29 _{OF} 29

2. The contractor is responsible for the scheduling of Work throughout the duration of the Contract. Early installation of landscape planting does not relieve the contractor of planting and irrigation maintenance responsibilities prior to the completion of construction and Final Acceptance by the District. Should the PEP lapse prior to Final Acceptance, the contractor shall maintain planting until completion and Final Acceptance.

ADD

801-6.1 Warranty & Replacement.

- 1. Special warranty: All plant material 15-gallon size and larger shall be guaranteed to live and grow in a healthy condition during the Contract Period, Maintenance Period, and for a one (1) year period from the date of final acceptance. The Contractor shall not be held responsible for failure due to neglect by the District, vandalism, etc. during the guarantee period. Contractor shall report such conditions to the District immediately in writing.
- 2. Special warranty: All plant material smaller than 15-gallon size shall be guaranteed to live and grow in vigorous, healthy, and upright condition for a minimum of ninety (90) days after final acceptance of work (excluding seasonal color if applicable).
- 3. Replacement: All plants not healthy and in a vigorous growing condition as determined by the District shall be replaced immediately during construction, and the maintenance and warranty periods. Plants used for replacement shall be the same kind and size as specified in the plant legend as shown on the drawings. They shall be furnished, planted, and fertilized as originally specified at no cost to the District.

801-8 PAYMENT. DELETE in its entirety and SUBSTITUTE with the following:

801-8 MEASUREMENT.

1. Landscaping and irrigation Work shall be measured as specified in the Contract Documents and as shown in the Bid.

ADD:

801-9 PAYMENT.

2.1. The payment for landscaping and irrigation Work shall be included under the lump sum Bid items or for the Contract Unit Prices shown in the Bid and shall also include the payment for the Plant Establishment Period Work.

3916 Normal Street San Diego, CA 92103 619.294.4477 www.ktua.com

	REV. NO DATE	REVISED DESTROY ALL PRINTS BEARING EARLIER DATE	REV. BY	CKD. BY	APRD BY	

August 9, 2023 - Page 56 of 76 Agenda Item 7D Attachments - Plans and Specifications



1655 Front Street, P.O. Box 599, Oceano, CA 93475 (805) 481-6730 FAX (805) 481-6836

Date: August 9, 2023

To: Board of Directors

From: Will Clemens, General Manager

Subject: Agenda Item #8(A): Consideration of Authorizing the General Manager and Board Members

to Speak for District before the Board of Supervisors and Approval of a Letter Regarding Fire

Protection Services

Recommendation

It is recommended that your Board:

- 1. Approve the attached letter and authorize the President to sign.
- 2. Authorize the General Manager and/or one or two Board Members to speak on behalf of the District before the Board of Supervisors.

Discussion

The District has initiated proceedings through the Local Agency Formation Commission (LAFCO) to divest of its Fire Protection Services power and turn the responsibility over to the County of San Luis Obispo (County). LAFCO held a study session on the divestiture process at its meeting of May 18, 2023. Access the staff report here.

The Board of Supervisors (BOS) will be discussing options for fire service in Oceano at its meeting of August 22, 2023. The staff report for that item will not be available until August 16 or thereabout. It is anticipated that the BOS will give their staff direction at that meeting to prepare a plan for services to submit to LAFCO and would also need to be approved by your Board.

The attached letter requests that the County fully fund fire protection services in Oceano 24/7 from the Oceano fire station. Consideration should also be given to authorizing the General Manager and/or one or two Board members to speak and answer questions before the BOS.



Board of Directors Meeting

Other Agency Involvement

County of San Luis Obispo

Other Financial Considerations

Based on the option chosen by the County, the plan for services will include the cost of providing service and how the County would fund the service. It is anticipated that the County would require the transfer of property taxes and physical assets owned by the District in order to fund fire services in Oceano.

Results

Input to the County for fire protection services promotes a safe and well-governed community.

Attachment:

Letter to BOS



1655 Front Street, P.O. Box 599, Oceano, CA 93475 (805) 481-6730 FAX (805) 481-6836

August 9, 2023

Board of Supervisors County of San Luis Obispo 1055 Monterey St., Ste D430 San Luis Obispo, California 93408

SUBJECT: OCEANO COMMUNITY SERVICES DISTRICT DIVESTITURE OF FIRE PROTECTION SERVICES

Dear Board of Supervisors,

The Oceano Community Services District (OCSD) represents the Disadvantaged Community (DAC) in the unincorporated area of Oceano. The median household income in Oceano is \$52,020 per year. OCSD has a long history of providing fire protection to Oceano beginning with the establishment of the Oceano Fire Protection District in 1947. This volunteer fire department was folded into the OCSD in 1981 and continued to provide services for decades mainly utilizing volunteer/reserve firefighters.

In 2010, OCSD and the cities of Grover Beach (GB) and Arroyo Grande (AG) partnered to form the Five Cities Fire Authority (FCFA) to provide services more efficiently and cost-effectively. As the volunteer/reserve firefighter model became more unsustainable due to regulatory and economic conditions, FCFA transitioned to full-time personnel. The limited allocation of property taxes to OCSD was unable to keep pace with the associated costs of providing professional fire protection services.

Unlike counties and cities, the revenue options of special districts are limited. Authority for sales, transient occupancy, cannabis, and other taxes is not available to special districts which rely on property related taxes and fees. Therefore, the OCSD proposed a special tax on both the 2020 and 2022 ballot to fund fire protection services. A majority of the community supported the special tax by 66.1% and 57.8% respectively. Unfortunately, a two-thirds majority was required for passage and OCSD property tax revenues continue to be insufficient to fund appropriate service levels. Currently, the fire station in Oceano closed and service is provided via contract with FCFA by available units in GB and AG. The FCFA contract expires effective July 1, 2024.



Our Board initiated divestiture proceedings through LAFCO on January 11, 2023, which proposes that fire protection services be provided by the County in Oceano as it does in most surrounding unincorporated areas, such as rural Arroyo Grande and the Nipomo Mesa. We respectfully request that the County fully fund fire protection services in Oceano seven days a week, 24 hours per day from the Oceano fire station. We are committed to assisting with funding this service to the greatest extent possible and look forward to working with the County in resolving this extremely important issue in Oceano.

Sincerely,

Allene Villa

President

Carey Casciola

From:

Sent: Wednesday, August 2, 2023 2:56 PM

To: Carey Casciola

Subject: Please include in the Aug.9 agenda packet.

Dear Board President and Members of the Board,

I have only recently started watching and/or attending the board meetings for the OCSD in recent years. Over the last 7 to 8 months, I have watched these meetings become something I as a resident am fully embarrassed about. There is no sense of community or working together as one when these meetings are taking place as there are members of the audience making snide comments that sometimes use foul/very offensive language quietly in the background to each other about other members of the public, the board, and the staff, but the Board President does nothing about this. It was heartbreaking to hear about the things that took place in the previous meeting on July 26, 2023, where a member of the public expressed her concerns/feelings about this member of the public and was dismissed and told to not be emotional or she would have to leave but the disruptive member of the public was not told anything. And this is just from the public audience. Mr. Varni is equally just as bad, whether it's thumping his hand down of the table or his facial expressions when members of the public when speaking or rolling his eyes when the public or other member of the board are speaking. I feel that he has no respect for the other members of the board, the staff the district employs, or the public that elected him. There is no feeling of you all working together for the better of our community at all! It seems to be 2 members who are genuinely concerned about the whole of the community that fall within your powers, 1 member that seems to think that this is a dictatorship and no one else matters, and 2 that seem to go with the flow. There is bullying from not only certain members of the public but from two members of the board towards General Manager, Will Clemens. Mr. Clemens is doing a fantastic job in his role for the district and has brought much needed funding to the district not only for the beautification of the community but also for the Capital Improvement Projects that the community desperately needed to keep our water flowing and clean. All these attacks on his performance and salary are starting to feel more like a personal attack on Mr. Clemens and his character then his actual performance of his job title and that Director Varni is trying to shove Mr. Clemens out of his position just because he feels that he is not in control of everything. I find the actions of the Board to be extremely unprofessional and shame on all of you for continuing to let this happen. You are all elected to represent our community and the voices of the community, but all I see is certain members trying to tear everyone apart that disagrees with them (The other members of the board, the staff, and members of the public). Voices of the community are not heard by this board as a whole and I feel like Board Member Varni and Joyce-Sunesen are voting for what they think the community wants but really it what they want. For instance, the Parks and Recreation budget, many members of our community that you all serve spoke out and said that now was not the time to spend the money when we do not know if the County of San Luis Obispo will take the office for fire and the main office may have to relocate, what amount of the property taxes we will receive once county takes over fire and that we should be saving for these instances. I only witnessed 4-5 members over the various months of meeting regarding Parks and Recreation that stood up and said YES WE WANT THIS. When an overwhelming number repeatedly over many meetings said NO not as this time no one listened when it is your job to listen to the very people who elected you, but you choose not to. The way this board has been behaving and continues to behave makes the community of Oceano look like a joke! The public meetings are run very poorly and disorganized compared to our neighboring local government meeting.

Aside from these issues, I have some questions regarding Mr. Varni's proposed agendas for the Parks and Rec. joined with LMUSD/ Oceano Elementary. He has said that they are looking at doing a track/field with a soccer field. The open field at the school is 453.95X264 feet, give or take a few feet. A soccer field larger enough for 14 & up to play on needs to be 70-80 yards by 110-120 yards. So, if you were to circle a walking track around that, the school won't have much open area for recess or other activities for the children of the school. Turf soccer fields can cost 44,000 plus to install and then putting a track around which in my research would have to be a "training track" (10,400sqft) would cost upwards of 108,000 to 304,000 not including lighting or fences. This is a lot of money to spend for the district, even with grants. My questions are:

- 1. LWho would maintain the field/track? The OCSD or LMUSD? If the OCSD/Parks and Rec. were to be responsible, they would need to hire a new employee to do maintenance. (Average researched annual maintenance cost was 5,000 to 15,000 for turf track)
- 2. 2. If the field is grass and not turf, who pays the water bills? If the OCSD/Parks and Rec. are on the hook for it, what would this do to the budget?
- 3. 3. What happens if the school grounds are misused (vandalism or other acts) and the district decides to close the gates in the evenings, the area then becomes unusable to the public even though district funds were used to fund the area.

I feel that all of these are valid questions that no one has asked yet and while I know that these ideas are in their infancy and just ideas so far, it if something to think about.

I look forward to seeing decorum from the board and seeing the president hold more accountability for outbursts from the public audience as well as other members of the board in the future meetings. Thank you for your time,

- A concerned citizen of Oceano

Carey Casciola

From: Will Clemens

Sent: Friday, August 4, 2023 10:32 AM

To: Carey Casciola

Subject: FW: Los Osos CSD Bylaws and Board member Compensation form **Attachments:** June 2023 DIRECTOR COMPENSATION.pdf; Board Bylaws 2023.pdf

Will Clemens

General Manager will@oceanocsd.org

Oceano Community Services District 1655 Front St., PO Box 599 Oceano, CA. 93475 Office (805) 481-6730 Fax (805) 481-6836

http://oceanocsd.org/main/



Sent: Friday, August 04, 2023 9:42 AM **To:** Will Clemens <will@oceanocsd.org> **Cc:** Chase Martin <cmartin@ammcglaw.com>

Subject: Fwd: Los Osos CSD Bylaws and Board member Compensation form

Please include this communication from last month in this coming board packet.

Thanks, Julie

----- Forwarded message -----

From

Date: Fri, Jul 14, 2023 at 7:44 AM

Subject: Los Osos CSD Bylaws and Board member Compensation form

To: Will Clemens (will@oceanocsd.org) < will@oceanocsd.org >,	, Carey Casciola	< <u>carey@oceanocsd.org</u> >	, Chase Martin
<cmartin@ammcglaw.com></cmartin@ammcglaw.com>			

Hello OCSD,

Please share this email with the Board for their consideration.

I recommend your district follow these same procedures Los Osos has adopted in order to have timely disbursements of compensation and to be able to close the year's books completely by the end of July.

Here is their most recent Los Osos CSD Directors Compensation form (sent out for June) also attached to this email. On the form it cites section 9 of the LOCSD Board Bylaws regarding compensation.

This portion of their Bylaws has not been updated since 2021 (date on the compensation form). I have also attached their 2023 Board Bylaws so that you can see all their Bylaws and note that the compensation portion has not changed since it was updated in 2021.

*These strict procedures came into existence after certain LOCSD Board members were taking advantage of the District seeking \$100 compensation for "coffee with the Fire Chief," attending meetings they were not assigned to/approved to go to and not putting their committee reports in writing. The District Attorney's office got involved and demanded repayment to the district.

Julie Tacker

LOS OSOS COMMUNITY SERVICES DISTRICT 2023 BOARD OF DIRECTORS BYLAWS AND RULES OF DECORUM

1. OFFICERS OF THE BOARD OF DIRECTORS

- 1.1 The officers of the Board of Directors are the President and Vice President
- 1.2 The Board President shall preside at all Board meetings. He/she shall have the same rights as the other Directors in voting, introducing motions, resolutions and ordinances, and any discussion or questions that precede said actions.
- 1.3 In the absence of the Board President, the Board Vice President shall act as Board President and shall preside over all meetings of the Board. If the Board President and Board Vice President both absent, the remaining Directors present shall select one (1) of themselves to act as the official head and preside over the meeting.
- 1.4 The Board President and Board Vice President shall be elected annually at the first regular meeting of each calendar year. The Board Vice President shall become Board President the following year after his/her election barring a 4/5's vote to preclude said promotion.
- 1.5 The Board President, or in his/her absence the Board Vice President, or other designated member of the Board of Directors, shall be recognized as the official head of the District for all ceremonial purposes.
- 1.6 Generally the Board President, or in his/her absence the Board Vice President, is the designated representative of the Board of Directors to speak on official District position or policy.

2. <u>MEETINGS</u>

- 2.1 Subject to holiday and scheduling conflicts, the regular meeting of the Board of Directors shall be held on the first Thursday of each calendar month at the time and place designated by the Board of Directors at the beginning of each calendar year, or if a conflict exists, such other date and/or facility within the District acceptable to the General Manager.
- 2.2 The regular public meeting of the Board of Directors shall be between 6:00 p.m. and 10:00 p.m. Closed sessions of the Board of Directors may be conducted prior to or at the conclusion of the regular public meeting. It shall be the policy of the Board of Directors to complete meetings, including closed sessions by 10:00 p.m. unless a majority of the Board of Directors present at the meeting elects to continue past the adjournment hour. If at the hour of 10:00 p.m. the Board of Directors has not concluded its business, the Board of Directors will review the remainder of the agenda and determine whether to extend the meeting beyond the hour of 10:00 p.m., continue any remaining items, or adjourn the meeting to another date and time.
- 2.3 Special meetings may be called at any time by the President of the Board of Directors, or by request of a majority of the members of the Board of Directors to the General Manager, by delivering written notice to each member of the Board of Directors and to each local newspaper of general circulation and radio or television station requesting notice in writing. The notice shall be delivered personally or by any other means and shall be received at least twenty-four (24) hours before the time of the meeting as specified in the notice. The notice shall specify the time and place of the special meeting and the business to be transacted or discussed. No other business shall be considered at these meetings by the Board of Directors.

- 2.4 Directors shall attend all regular and special meetings of the Board of Directors unless there is good cause for absence.
- 2.5 No action or discussion may be taken on an item not on the posted agenda; provided, however, matters deemed to be emergencies or of an urgent nature may be added to the agenda under the procedures of the Brown Act.

Pursuant to the Brown Act:

- (a) Directors may briefly respond to statements or questions from the public; and
- (b) Directors may, on their own initiative or in response to public questions, ask questions for clarification, provide references to staff or other resources for factual information, or request staff to report back at a subsequent meeting; and
- (c) The Board President or the Board of Directors itself may take action to direct staff to place a matter on a future agenda.
- 2.6 The Board President shall determine the order in which agenda items shall be considered for discussion and/or actions taken by the Board of Directors. He/she shall vote on all questions and on roll call his/her name shall be called last.
- 2.7 A majority of the Board of Directors shall constitute a quorum. However, all actions must be approved by a minimum of three (3) Directors. Where there is a lack of a quorum, the Board President, or any Director shall adjourn such meeting, or, if no Director is present, the District Secretary shall adjourn the meeting.
- 2.8 State laws are in place which attempt to eliminate any action by a Public Official, including members of the Board of Directors, which may create a conflict of interest. Laws which regulate conflicts of interest are very complicated. The following provides a brief summary of economic conflict related laws. Directors are encouraged to consult with District Legal Counsel and/or the FPPC at 1-800-ASK-FPPC (1-800-275-3772) if they have questions about a particular agenda item.
- (a) The general rule is that a Director may not participate in the making of a governmental decision if it is reasonably foreseeable that the decision will have a material financial effect on the official or a member of his or her immediate family.
- (b) Where there is a conflict of interest, the conflicted Director, prior to consideration of the agenda item, shall disclose the nature of the conflict of interest and recuse himself or herself from hearing or deciding the matter and step down from the dais and leave the room.
- (c) Should the recusal of one (1) or more conflicted Directors result in the lack of a quorum and the participation of a conflicted Director is necessary for resolution of an item, the Board of Directors will follow the requirements of the California Political Reform Act to determine which conflicted members shall be allowed to participate.
 - 2.9 The Board of Directors takes actions by motion, resolution, or ordinance.
- (a) For each proposed action to be taken by the Board of Directors, the Board President shall identify the motion-maker and the second and either state the motion or direct Staff to state the motion prior to taking the vote. The Board President shall announce the Board of Directors' decision on all subjects.
- (b) A roll call vote shall be taken upon the passage of all ordinances and resolutions, and shall be entered in the minutes of the Board of Directors showing those Directors voting aye, those voting no, those not voting due to a conflict, and those abstaining.

- (c) The passage of motions may be taken by voice vote. However, a roll call vote shall be taken on motions not passed unanimously by the Board of Directors.
- (d) Unless a Director states that he or she is not voting because of a conflict of interest, his or her silence shall be recorded as an affirmative vote.
- (e) When hearing matters in their quasi-judicial capacity, Directors shall disclose any relevant ex parte communications regarding that item prior to public comment.
 - 2.10 The following applies to reconsideration of prior actions by the Board of Directors.
- (a) After the passage of twelve (12) months from the effective date of the motion, resolution or ordinance, the matter may be placed on the agenda pursuant to below Section 3, or other provisions of the Brown Act.
- (b) Prior to the passage of twelve (12) months, any Director or the General Manager may request the Board of Directors, by motion, to agree to reconsider a prior action by the Board of Directors at a subsequent meeting of the Board of Directors.
- (c) The Board President, upon a determination that there is a need to take immediate action, may place an item on the agenda for reconsideration.
- 2.11 Any person attending a meeting of the Board of Directors may record the proceedings with a smartphone, an audio or video tape recorder, or a still or motion picture camera in the absence of a reasonable finding that the recording cannot continue without noise, illumination, or obstruction of view that constitutes or would constitute a persistent disruption of the proceedings.
- 2.12 All smartphones, video tape recorders, still and/or motion picture cameras shall remain stationary and shall be located and operated from behind the public speaker's podium once the meeting begins. The President retains the discretion to alter these guidelines, including the authority to require that all smartphones, video tape recorders, still and/or motion picture cameras recording the meeting be located in the back of the room.

3. AGENDAS

- 3.1 The General Manager, in cooperation with the Board President and Board Vice President, shall prepare the agenda for each regular and special meeting of the Board of Directors. A Director may contact either the General Manager or the Board President and request an item to be placed on the regular meeting agenda no later than 4:30 p.m. twelve (12) calendar days prior to the meeting date. Such a request must also be submitted in writing either at the time of communication with the General Manager or the Board President, or delivered to the office within the next working day.
- 3.2 Those items on the District Agenda which are considered to be of a routine and non-controversial nature are placed on the "Consent Agenda". These items shall be approved, adopted, and accepted, etc. by one (1) motion of the Board of Directors; for example, approval of Minutes, approval of Warrants, various Resolutions accepting developer improvements, minor budgetary items, status reports, and routine District operations.
- (a) Directors may request that an item be removed from the "Consent Agenda", and the Board of Directors will then take action separately on that item. Members of the public will be given an opportunity to provide public comment on the "Consent Agenda"; however, only a member of the Board of Directors can remove an item from the "Consent Agenda". Items which are removed ("pulled") from the "Consent Agenda" will typically be considered at the conclusion of the regular Agenda unless a majority of the Board of Directors chooses an earlier time.
- (b) When a Director has a minor question or requests clarification concerning a consent item which will not involve extended discussion, Staff may respond without "pulling" the item

from the "Consent Agenda". Directors are encouraged to seek clarifications prior to the meeting if possible.

(c) When a Director wishes to consider/"pull" an item simply to register a dissenting vote, an abstention or conflict of interest, the Director shall inform the President that he/she wishes to register a dissenting vote, an abstention or conflict of interest, on a particular item without discussion. The item will be considered along with the rest of the Consent Agenda, and the District Secretary shall register a "no" vote, an abstention or conflict of interest, in the minutes on the item identified by the Director.

4. PUBLIC COMMENT AND RULES OF DECORUM

- 4.1 <u>Policy</u>. The purpose of oral presentation at meetings of the Board of Directors, as well as written presentations, is to formally communicate to the Board of Directors on either (a) matters listed on the Agenda, or (b) matters that are within the jurisdiction of the Board of Directors during general public comment. Such presentations are helpful to the Board of Directors in its decision-making process. The Board of Directors welcomes information and expressions of opinion from members of the public on any item which it may be considering. However, the Board of Directors is not required to provide a public forum for remarks or conduct in violation of the Rules of Decorum.
- 4.2 <u>Public Comment</u>. Subject to the following rules, the Board of Directors shall set aside thirty (30) minutes on each agenda item for public comment:
- (a) The Board President, after consideration of the length of the Agenda, the nature of the agenda item, and the meeting limitations of above Section 2.2, may expand or further limit the thirty (30) minute time allocation for public comment.
- (b) Each public commenter shall be limited to three (3) minutes unless shortened or extended by the President with consideration of the length of the Agenda, the nature of the agenda item, and the meeting limitations of above Section 2.2.
- 4.3 <u>Rules of Decorum.</u> The below rules of decorum shall apply to public comment and attendance at District meetings.
- (a) Members of the audience shall not engage in disorderly or boisterous conduct, including the utterance of loud, threatening or abusive language, whistling, stamping of feet, clapping and talking (other than giving public comment) or other acts which disrupts the orderly conduct of the meeting of the Board of Directors.
- (b) Members of the audience who wish to address the Board of Directors on a particular item on the Agenda shall line up behind the podium or sit in the front two (2) rows next to the podium.
- (c) No person shall address the Board of Directors without first being recognized by the President.
- (d) Persons addressing the Board of Directors are requested to state their name and their general place of residence.
- (e) Public comment and public testimony shall be directed to the Board President and shall be addressed to the Board of Directors as a whole. Persons addressing the Board of Directors shall not engage in a dialogue with individual Directors, District staff or members of the audience. The President shall determine whether, or in what manner, the District will respond to questions.
- (f) Persons addressing the Board of Directors are limited to one (1) opportunity per Agenda item unless otherwise directed by the President in his/her discretion.

- A person cannot defer his/her time allocation to another person. (q)
- (h) When a group or organization wishes to address the Board on the same subject, the Chairperson may request that a spokesperson be chosen to speak for that group. The spokesperson's three (3) minute time allocation may be extended by the Board President in his/her discretion.
- Persons addressing the Board of Directors shall confine the subject matter of their comments to the Agenda item being considered by the Board of Directors.
- Each person addressing the Board of Directors shall do so in an orderly and civil manner and shall not engage in conduct which disrupts the orderly conduct of the meeting of the Board of Directors
- (k) The Board President may rule a speaker out of order who is unduly repetitious or extending discussion of irrelevance.
- Except as provided below, persons who reference or read from documents such as reports, exhibits, or letters as part of his/her comment to the Board of Directors shall lodge the document (or a copy) with the District Secretary at the end of the comment, to allow the document to be appropriately referenced in the meeting Minutes and to allow District staff the opportunity to review and respond to the document. The Board President has the discretion to strike a speaker's comments from the record for failure to lodge the referenced documents. Upon request, the lodged documents shall be returned to the speaker after 1:00 p.m. on the day following the meeting.

Exceptions:

- Speaker's presentation outline, however, documents referenced in the outline shall be lodged.
- Documents that are in the Agenda packet.
- Documents that have been previously published by the District, so long as the speaker identifies the document by date, author and the pages referenced or read from.
- For voluminous documents the speaker need only lodge the cover sheet that identifies the author and date and the pages read from or referenced.
- Enforcement of Rules of Decorum. Any person who violates the Rules of Decorum may, 4.4 at the discretion of the Board President, be removed from the meeting. The Rules of Decorum shall be enforced in the following manner:
- Warning. The Board President shall warn the person who is violating the rules of (a) decorum.
- Expulsion. If after receiving a warning from the Board President, the person (b) persists in violating the rules of decorum the Board President shall order the person to leave the Board of Directors' meeting room for the remainder of the meeting.
- Assisted Removal. If such person does not voluntarily remove himself/herself, the President may order any law enforcement officer who is on duty at the meeting, or who may be summoned to the meeting, to remove the person from the Board of Directors' meeting room.
- Restoration of Order. If order cannot be restored by the removal of individuals who are disrupting the meeting, the meeting of the Board of Directors will be continued under the provisions of Government Code §54957.9.
- <u>Limitations (Government Code §59454.3(c))</u> The Rules of Decorum shall not be interpreted to prohibit public criticism of the policies, procedures, programs or services of the District, or the acts or omissions of the District Board of Directors. Agenda Item 10

August 9, 2023 - Page 69 of 76 Page 5 of 11

5. PREPARATION OF MINUTES AND MAINTENANCE OF TAPES

- 5.1 The minutes of the meetings of the Board of Directors shall be kept by the District Secretary and shall be neatly produced and kept in a file for that purpose, with a record of each particular type of business transacted set off in paragraphs with proper sub-headings;
- 5.2 The District Secretary shall be required to make a record only of such business as was actually passed upon by a vote of the Board of Directors and, except as provided in below Sections 5.3 and 5.5, shall not be required to record any remarks of Board Members or any other person;
- 5.3 Directors may request for inclusion into the minutes brief comments pertinent to an agenda item, only at the meeting that item is discussed;
- 5.4 The District Secretary shall attempt to record the names and "community of residence" of persons addressing the Board of Directors, the title of the subject matter to which their remarks related, and whether they spoke in support or opposition to such matter; and
- 5.5 Whenever the Board of Directors acts in a quasi-judicial proceeding such as in assessment matters, the District Secretary shall compile a summary of the testimony of the witnesses.
- 5.6 Any tape or film record of a District meeting made for whatever purpose at the direction of the District shall be subject to inspection pursuant to the California Public Records Act. Consistent with Government Code §54953.5(b), the District will maintain the tapes and recordings for a thirty (30) day period after the taping and/or recording. During the thirty (30) day period, the District will provide, without charge, a video or tape player for inspection of said tapes and/or recordings. In addition to the thirty (30) day requirement, the District will attempt to maintain tapes/and or recordings, without legal obligation to do so, for a minimum of ten (10) years after the date of the taping or recording. However, during this extended period, the District may not be able to provide a video or tape player to facilitate inspections.

6. <u>AUTHORITY OF DIRECTORS</u>

- 6.1 The Board of Directors is the unit of authority within the District. Apart from his/her normal function as a part of this unit, Directors have no individual authority. As individuals, Directors may not commit the District to any policy, act or expenditure.
- 6.2 Members of the Board of Directors shall exercise their independent judgment on behalf of the interest of the entire District, including the residents, property owners and the public as a whole.
- 6.3 Directors do not represent any fractional segment of the community, but are, rather, a part of the body which represents and acts for the community as a whole.
- 6.4 The primary responsibility of the Board of Directors is the formulation and evaluation of policy. Routine matters concerning the operational aspects of the District are to be delegated to professional staff members of the District.

7. AUTHORITY OF GENERAL MANAGER

7.1 The General Manager shall be responsible for those activities, functions, and duties pursuant to contract.

8. DIRECTOR GUIDELINES

- 8.1 Directors shall prepare themselves to discuss agenda items at meetings of the Board of Directors. Information may be requested from staff or exchanged between Directors before meetings.
- 8.2 Directors shall at all times conduct themselves with courtesy to each other, to staff and to members of the audience present at meetings of the Board of Directors.

- 8.3 Differing viewpoints are healthy in the decision-making process. Individuals have the right to disagree with ideas and opinions, without being confrontational. Once the Board of Directors takes action, Directors shall commit to supporting said action and not to create barriers to the implementation of said action.
- 8.4 Directors, by making a request to the General Manager, shall have access to information relative to the operation of the District, including but not limited to statistical information, information serving as the basis for certain actions of Staff, justification for Staff recommendations, etc. If the General Manager cannot timely provide the requested information by reason of information deficiency, or major interruption in work schedules, workloads, and priorities, then the General Manager shall inform the individual Director why the information is not or cannot be made available. Directors shall not request information directly from District staff, and staff shall communicate to Directors only through the General Manager.
- 8.5 In handling complaints from residents and property owners of the District, said complaints should be referred directly to the General Manager.
- 8.6 When responding to constituent request and concerns, Directors should respond to individuals in a positive manner and route their questions to the General Manager.
- 8.7 When approached by District personnel concerning specific District policy, Directors should direct inquires to the General Manager. The chain of command shall be followed.
- 8.8 In seeking clarification for policy-related concerns, especially those involving personnel, legal action, land acquisition and development, finances, and programming, said concerns shall be referred directly to the General Manager.
- 8.9 The Directors and General Manager shall develop and follow a written policy to facilitate open discussions between District Management and Directors regarding current issues, Directors concerns, and District projects.
- 8.10 Except during an open and public meeting, a majority of the Board of Directors shall not use a series of communications of any kind, directly or through intermediaries, to discuss, deliberate, or take action on any item of business that is within the subject matter of the District.
- 8.11 Section 8.10 shall not be construed as preventing District management staff from engaging in separate conversations or communications with Directors in order to answer questions or provide information regarding a matter that is within the subject matter jurisdiction of the District, so long as that management staff person does not communicate to Directors the comments or positions of any other directors.

9. DIRECTOR COMPENSATION

- 9.1 Each Director is authorized to receive one hundred dollars (\$100.00) as compensation for each regular, adjourned or special meeting of the Board of Directors, each required training session, each Standing Committee meeting of which said Director is either the Chairperson or Vice Chairperson, each ad Hoc Committee meeting, each non-District meeting assigned by the Board President to a Board member at the beginning of each calendar year or other function/meeting attended by him/her as a representative of the District at the direction of the Board of Directors.
- 9.2 Each Director shall submit his/her compensation request no later than ninety (90) days after attendance at each meeting referenced in above section 9.1, however in no case shall a compensation request be submitted later than July 31 for a meeting attended in the previous fiscal year.
- 9.3 Pursuant to the requirements of Government Code §61047, in order to receive compensation for a non-District meeting assigned by the Board President to a Board member at the beginning of each calendar year or other function/meeting attended by him/her as a representative of Agenda Item 10 August 9, 2023 Page 71 of 76

the District at the direction of the Board of Directors, a Board member must deliver a written report at the next Board of Directors' meeting following the meeting or event unless said non-District meeting occurs after the Agenda for said Board of Director's Meeting has been posted in which case the written report shall be delivered prior to the following Board of Director's meeting.

- 9.4 The Board President or in his/her absence the Vice President is authorized to receive one hundred dollars (\$100.00) as compensation for each County or State agency meeting attended by him/her, when he/she determines that District representation is necessary to protect and/or advance the interest of the District.
 - 9.5 In no event shall Director compensation exceed \$100.00 per day.
- 9.6 Pursuant to Government Code §61047 *et seq.*, Director compensation shall not exceed \$600.00 in any one (1) calendar month.

10. <u>DIRECTOR REIMBURSEMENT</u>

10.1 The Travel and Reimbursement Policy of the District governs all reimbursements of expenses to Directors.

11. COMMITTEES

11.1 Standing Committees.

The Board of Directors may create and abolish Standing Committees at its discretion. Standing Committees shall be advisory committees to the Board of Directors and shall not commit the District to any policy, act or expenditure. Each Standing Committee shall consider District related issues assigned to it by the Board of Directors.

- (a) Standing Committees shall conduct business at all times in a manner consistent with these Bylaws, applicable laws, and Board Policy.
- (b) The General Manager, in cooperation with the Committee Chairperson, shall prepare the agenda for each Standing Committee meeting. Nothing may be placed on the agenda of any Committee that is not included in that Standing Committee's Work Plan or in other separate direction from the Board of Directors. Consideration of any other matters are *ultra vires* and void acts.
- (c) Each Standing Committee shall meet at most monthly as determined by the Committee Chairperson, provided there is pending consideration of something within the Committee's Work Plan or specific direction from the Board of Directors. There are no quorum requirements for Standing Committee meetings. Recommendations to the Board of Directors shall include all opinions of members of the Standing Committee on each issue raised for their recommendation and shall include the number of members concurring in each opinion. The opinion receiving the most concurrence is the majority report. Other opinions are minority reports. Summary notes for each meeting of each Standing Committee shall be forwarded to the Board of Directors as a public record.
- (d) Subject to the availability of public membership, Standing Committees shall be comprised of up to five (5) public members, none of whom shall be Directors; and one (1) Director appointed by the Board President as the non-voting Chairperson and one (1) Director appointed by the Board President as Vice Chairperson. In the absence of both Chairperson and Vice Chairperson, the Board President may assign a Board Member to temporarily act as the Committee Chairperson in order that the Standing Committee may meet as established by the previously adopted schedule.

Depending on the number of applications, the Board of Directors retains the discretion to alter Standing Committee membership on a case-by-case basis.

(e) The General Manager shall be an ex-officio member of all Standing Committees. The Committee Chairperson and Vice Chairperson are non-voting members appointed for the sole Agenda Item 10

August 9, 2023 - Page 72 of 76
Page 8 of 11

purpose of conducting the meeting, enabling conversation, facilitating discussions, and forwarding recommendations to the Board of Directors.

- (f) Each Director shall appoint one (1) voting member to each Standing Committee. The appointee shall serve at the pleasure of the Director who appointed them with no specific term other than if the appointing Director is no longer a member of the Board of Directors that appointee's term shall automatically terminate. The Board of Directors may also remove any Standing Committee member with or without cause.
- (g) Members of the public shall be eligible to serve on only one (1) Standing Committee at a time. Members of the public must reside within the Los Osos Community Services District Boundary to be eligible to serve on a Standing Committee, with the sole exception of the Emergency Services Advisory Committee (ESAC) whose members must either reside within the boundaries of Los Osos Community Services District or County Service Area No. 9, Zone I.
- (h) The General Manager shall prepare an appointments list of all Standing Committees. This list shall be known as the local appointment list and will be provided to the Board of Directors at the first meeting in February or other date established by the Board of Directors.
- (i) The local appointment list shall be made available to the members of the public and shall be posted at the District office and the District's web site.
- (j) Whenever a vacancy occurs on a Standing Committee, a vacancy notice shall be posted at the District office, the public library, the District's web site, and other places as directed by the Board of Directors, not earlier than twenty (20) days before, or not later than twenty (20) days after the vacancy occurs inviting the public to apply for appointment as a committee member. Appointment of Standing Committee members shall not be made for at least ten (10) working days after the posting of the Notice at the District's office.
- (k) Notwithstanding above Section 11.1(j), the appointing Director may, if it finds an emergency exists, fill the unscheduled vacancy immediately. The person appointed to fill the vacancy shall serve only on an acting basis until final appointment is made pursuant to Section 11.1(j), above.
- (I) A Standing Committee member term shall automatically terminate if he/she has three (3) unexcused absences or misses four (4) meetings in one (1) calendar year.
- (m) All Standing Committee members will receive Brown Act training annually and all meetings shall be conducted as public meetings in accordance with the Brown Act.
- (n) The Board President may appoint persons to a subcommittee to assist a Standing Committee in making recommendations to the Board of Directors. The duties of the subcommittee shall be outlined at the time of appointment and the subcommittee shall be considered dissolved when its final report has been made to the Standing Committee.
- 11.2 <u>Ad Hoc Committees.</u> The Board President shall appoint such <u>ad hoc</u> committees comprised of two (2) or less Directors as may be deemed necessary or advisable by himself/herself and/or the Board of Directors. The duties of the <u>ad hoc</u> committees shall be outlined at the time of appointment, and the committee shall be considered dissolved when its final report has been made. <u>Ad hoc</u> committees shall timely provide the District General Manager with their recommendations and/or reports.

12. <u>ETHICS TRAINING</u>

- 12.1 Ethics Training (AB1234)
- (a) Pursuant to Government Code §53234 *et seq.*, all Directors and designated District personnel shall receive at least two (2) hours of ethics training every two years.

- (b) Each newly elected Board member and designated District personnel shall receive ethics training no later than six (6) months from the first day of service with the District and thereafter shall receive ethics training at least once every two (2) years.
 - 12.2 Harassment Prevention Training (AB1825)
- (a) Pursuant to the content of California's Fair Employment and Housing Act §7288.0 (c), all Directors and designated District personnel shall receive at least two (2) hours of sexual harassment training every two (2) years.
- (b) Each newly elected Board member and designated District personnel shall receive harassment prevention training no later than six (6) months from the first day of service with the District and thereafter shall receive harassment prevention training at least once every two (2) years.

13. CORRESPONDENCE DISTRIBUTION POLICY

- 13.1 All letters approved by the Board of Directors and/or signed by the President on behalf of the District shall be distributed to the Board of Directors as herein provided.
- 13.2 All letters and other documents received by the District that are of District-wide concern as determined by District staff shall be delivered to the Board of Directors as herein provided.
- 13.3 All letters and other documents to be delivered to the Board of Directors shall be accumulated and placed in each Director's Information Packet and delivered with the Agenda when a meeting of the Board of Directors is scheduled. Items of a more urgent matter will be e-mailed to all Directors and placed in Director's mailboxes.

14. BOARD OF DIRECTORS BYLAW REVIEW POLICY

14.1 The Board of Directors Bylaw Policy shall be reviewed annually at the first regular meeting in January and considered for adoption at the first regular meeting in February.

15. RESTRICTIONS ON RULES

- 15.1 The rules contained herein shall govern the Board of Directors in all cases to which they are applicable and to the extent that they are not inconsistent with State or Federal laws.
 - 15.2 The Board of Directors, by resolution, may amend these bylaws from time to time.

Originally Adopted December 3, 1998

Amended June 3, 1999

Amended March 22, 2000

Amended February 7, 2002

Amended March 20, 2003

Amended April 1, 2004

Amended March 3, 2005

Amended January 19, 2007

Amended April 19, 2007

Amended February 14, 2008

Amended February 5, 2009

Amended February 4, 2010

Amended December 2, 2010

Amended March 3, 2011

Amended April 7, 2011

Amended February 2, 2012

Amended June 7, 2012

Reaffirmed February 7, 2013

Agenda Item 10

August 9, 2023 - Page 74 of 76 Page 10 of 11 Amended August 1, 2013 Amended March 5, 2015 Amended February 4, 2016 Amended February 2, 2017 Amended February 1, 2018 Amended February 7, 2019 Amended February 6, 2020 Amended February 4, 2021 Amended March 4, 2021

06/01 – BOD Meeting 06/20 – PRAC Meeting 06/21 – UAC Meeting 06/21 – BMC Meeting 06/22 – LOCAC (Cesena) 06/26 – FAC Meeting

DIRECTOR'S MONTHLY REQUEST FOR COMPENSATION FOR MEETING ATTENDANCE

_ DATE____

*please include any qualifying Ad Hoc or outside Meetings reported on

NAME

FOR THE N	MONTH OF	
9. <u>DIRECT</u>	OR COMPENSATION	N (amended and adopted 02/04/2021)
9.1	special meeting of the Boar said Director is either the meeting assigned by the I	to receive one hundred dollars (\$100.00) as compensation for each regular, adjourned or d of Directors, each required training session, each Standing Committee meeting of which Chairperson or Vice Chairperson, each ad Hoc Committee meeting, each non-District Board President to a Board member at the beginning of each calendar year or other by him/her as a representative of the District at the direction of the Board of Directors.
9.2	meeting referenced in above	his/her compensation request no later than ninety (90) days after attendance at each ve section 9.1, however in no case shall a compensation request be submitted later than led in the previous fiscal year.
9.3	meeting assigned by the I function/meeting attended I Board member must delive unless said non-District me	Ints of Government Code §61047, in order to receive compensation for a non-District Board President to a Board member at the beginning of each calendar year or other by him/her as a representative of the District at the direction of the Board of Directors, a per a written report at the next Board of Directors' meeting following the meeting or event setting occurs after the Agenda for said Board of Director's Meeting has been posted in at shall be delivered prior to the following Board of Director's meeting.
9.4	as compensation for each (his/her absence the Vice President is authorized to receive one hundred dollars (\$100.00) County or State agency meeting attended by him/her, when he/she determines that District to protect and/or advance the interest of the District.
9.5	In no event shall Director co	ompensation exceed \$100.00 per day.
9.6	Pursuant to Sections 61047 one calendar month.	' et seq. of the Government Code, Director compensation shall not exceed \$600.00 in any
MEETI	NG DATE:	MEETING:
MEETI	NG DATE:	MEETING:
MEETI	NG DATE:	MEETING:
		MEETING:
		MEETING:
MEETING DATE:		MEETING:
FOTAL # O	OF MEETINGS:	TOTAL COMPENSATION: \$
SIGNATUR	RE:	DATE:

Office Use Only: