



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.



Oceano Community Services District

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-Sunesson 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-Sunesson** – 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. CONSENT AGENDA:	ACTION:
a) Review the of Minutes for the Regular Meeting held on June 28, 2023 b) Review of Cash Disbursements c) Consideration of Letters of Intent to Consolidate with the Halcyon and KenMar Gardens Water Systems	After an opportunity for public comment, Board and staff discussion, Director Varni made a motion to approve the consent agenda with a second from President Villa a 5-0 roll call vote. 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:

Julie Tacker	Provided comment on a parks and recreation budget
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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.



Oceano Community Services District

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.
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5. **CLOSED SESSION:** None

6A. BUSINESS ITEMS:	ACTION:
Consideration of Parks and Recreation budget item.	<p>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.</p> <p>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.</p>

6B. BUSINESS ITEM:	ACTION:
<p>Consideration of the exercise or divestiture of the District's Parks and Recreation power.</p>	<p>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.</p> <p>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.</p>

6C. BUSINESS ITEM:	ACTION:
<p>Consideration of approval for the Boys and Girls Club of South San Luis Obispo County to utilize up to 10 hours of the District's Community Center hours per month.</p>	<p>No Action Taken</p> <p>Public Comment: 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 Casalnuovo: In opposition to allotting all 10 hours to one agency. April Dury: Indicated no opinion on the matter and requested more information.</p>

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



Oceano Community Services District

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	
Disbursements:		
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 - POOLED CASH FUND
 ACCOUNT: 1-1001-000 POOLED CASH OPERATING
 TYPE: All
 STATUS: All
 FOLIO: 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	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT---	STATUS	FOLIO	CLEAR DATE	
CHECK:									
1-1001-000	7/13/2023	CHECK	060341	ARAMARK	102.52CR	OUTSTND	A	0/00/0000	UNIFORMS
1-1001-000	7/13/2023	CHECK	060342	BURDINE PRINTING	1,748.95CR	OUTSTND	A	0/00/0000	U/B ENVELOPES
1-1001-000	7/13/2023	CHECK	060343	CANNON	16,451.51CR	OUTSTND	A	0/00/0000	CIP-PROP1 SWGP
1-1001-000	7/13/2023	CHECK	060344	FIRST FOUNDATION BANK	68,019.58CR	OUTSTND	A	0/00/0000	CALPERS UAL PAYMENT
1-1001-000	7/13/2023	CHECK	060345	GS I WATER SOLUTIONS, INC.	2,201.64CR	OUTSTND	A	0/00/0000	NCMA 2022 ANNUAL REPORT
1-1001-000	7/13/2023	CHECK	060346	MINER'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	ZENITH INSURANCE COMPANY	1,711.00CR	OUTSTND	A	0/00/0000	WORKERS COMP INSURANCE
TOTALS FOR ACCOUNT 1-1001-0				CHECK	TOTAL:	90,683.18CR			
				DEPOSIT	TOTAL:	0.00			
				INTEREST	TOTAL:	0.00			
				MISCELLANEOUS	TOTAL:	0.00			
				SERVICE CHARGE	TOTAL:	0.00			
				EFT	TOTAL:	0.00			
				BANK-DRAFT	TOTAL:	0.00			
TOTALS FOR POOLED CASH FUND				CHECK	TOTAL:	90,683.18CR			
				DEPOSIT	TOTAL:	0.00			
				INTEREST	TOTAL:	0.00			
				MISCELLANEOUS	TOTAL:	0.00			
				SERVICE CHARGE	TOTAL:	0.00			
				EFT	TOTAL:	0.00			
				BANK-DRAFT	TOTAL:	0.00			

COMPANY: 99 - POOLED CASH FUND
 ACCOUNT: 1-1001-000 POOLED CASH OPERATING
 TYPE: All
 STATUS: All
 FOLIO: 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: 060360 THRU 060387

ACCOUNT	--DATE--	--TYPE--	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	MCLATCHY 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

COMPANY: 99 - POOLED CASH FUND
 ACCOUNT: 1-1001-000 POOLED CASH OPERATING
 TYPE: All
 STATUS: All
 FOLIO: 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: 060360 THRU 060387

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT---	STATUS	FOLIO	CLEAR DATE	
CHECK:									
1-1001-000	8/03/2023	CHECK	060382	RINCON CONSULTANTS, INC.	1,424.75CR	OUTSTND	A	0/00/0000	WATERLINE IMP PROJ USDA NEPA
1-1001-000	8/03/2023	CHECK	060383	SLO CO PUBLIC HEALTH DEPT.	953.90CR	OUTSTND	A	0/00/0000	BACKFLOW SVCS
1-1001-000	8/03/2023	CHECK	060384	STATE OF CALIFORNIA - 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 CONSULTING, INC.	787.50CR	OUTSTND	A	0/00/0000	NCMA STAFF EXTN SVCS FY 22-23
TOTALS FOR ACCOUNT 1-1001-0				CHECK	TOTAL:	58,558.58CR			
				DEPOSIT	TOTAL:	0.00			
				INTEREST	TOTAL:	0.00			
				MISCELLANEOUS	TOTAL:	0.00			
				SERVICE CHARGE	TOTAL:	0.00			
				EFT	TOTAL:	0.00			
				BANK-DRAFT	TOTAL:	0.00			
TOTALS FOR POOLED CASH FUND				CHECK	TOTAL:	58,558.58CR			
				DEPOSIT	TOTAL:	0.00			
				INTEREST	TOTAL:	0.00			
				MISCELLANEOUS	TOTAL:	0.00			
				SERVICE CHARGE	TOTAL:	0.00			
				EFT	TOTAL:	0.00			
				BANK-DRAFT	TOTAL:	0.00			

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
	<u>\$28,842.59</u>	<u>\$30,829.72</u>	<u>\$31,045.93</u>
Cell Phone Allowance	\$75.00	\$0.00	\$75.00
Total Wages	<u>\$28,917.59</u>	<u>\$30,829.72</u>	<u>\$31,120.93</u>

Disbursements			
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	<u>\$32,156.42</u>	<u>\$34,418.94</u>	<u>\$34,713.29</u>
Health (Disbursed with reoccurring bills)	\$6,162.55	\$6,483.63	\$6,483.63
Total District Payroll Related Costs	<u>\$38,318.97</u>	<u>\$40,902.57</u>	<u>\$41,196.92</u>

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

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



Oceano Community Services District

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

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

RECEIVED
JUL 13 2023

DIRECTOR'S MONTHLY REQUEST FOR COMPENSATION FOR MEETING ATTENDANCE

NAME: Beverly Joyce-Suneson

DATE: 7/12/23

FOR THE MONTH OF: June

8.1 Each Director is authorized to receive one hundred dollars (\$100.00) as compensation for each regular or special meeting of the Board and fifty dollars (\$50.00) for each committee meeting attended by him or her.

8.2 In no event shall Director compensation exceed one hundred dollars (\$100.00) per day.

8.3 Director compensation shall not exceed six hundred (\$600.00) in any one (1) calendar month.

MEETING DATES: 6/14/23 and 6/28/23

No. of Meetings 2 x \$100.00 = \$ 200.00

COMMITTEE MEETING(S) OR OTHER REIMBURSEMENT(S)

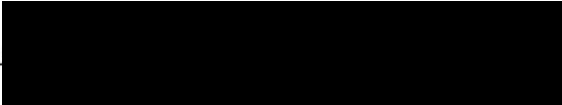
DATE: _____ MEETING: _____ AMOUNT: \$ _____

DATE: _____ MEETING: _____ AMOUNT: \$ _____

DATE: _____ MEETING: _____ AMOUNT: \$ _____

DATE: _____ MEETING: _____ AMOUNT: \$ _____

TOTAL COMPENSATION: \$ _____

SIGNATURE: 

Oceano Community Services District
 Mechanics Visa Credit Card

A/P Visa Credit Card Disbursement

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

Total ACH - 06/27/2023 \$239.88

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

Oceano Community Services District
Five Star Bank Mastercard

A/P Mastercard Credit Card Disbursement

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 - POOLED CASH FUND
 ACCOUNT: 1-1001-000 POOLED CASH OPERATING
 TYPE: All
 STATUS: All
 FOLIO: 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: 060349 THRU 060352

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT----	STATUS	FOLIO	CLEAR DATE
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1-1001-000	7/13/2023	CHECK	060349	CHARTER COMMUNICATIONS	210.00CR	OUTSTND	A	0/00/0000 INTERNET - COMMUNICATIONS
1-1001-000	7/13/2023	CHECK	060350	DIGITAL WEST NETWORKS, INC.	416.78CR	OUTSTND	A	0/00/0000 PHONES
1-1001-000	7/13/2023	CHECK	060351	SECURITAS TECHNOLOGY CORPORATIO	221.42CR	OUTSTND	A	0/00/0000 WELLS AND FIRE MONITOR
1-1001-000	7/13/2023	CHECK	060352	SO CAL GAS	16.91CR	OUTSTND	A	0/00/0000 UTILITY
TOTALS FOR ACCOUNT 1-1001-0				CHECK	TOTAL:	865.11CR		
				DEPOSIT	TOTAL:	0.00		
				INTEREST	TOTAL:	0.00		
				MISCELLANEOUS	TOTAL:	0.00		
				SERVICE CHARGE	TOTAL:	0.00		
				EFT	TOTAL:	0.00		
				BANK-DRAFT	TOTAL:	0.00		
TOTALS FOR POOLED CASH FUND				CHECK	TOTAL:	865.11CR		
				DEPOSIT	TOTAL:	0.00		
				INTEREST	TOTAL:	0.00		
				MISCELLANEOUS	TOTAL:	0.00		
				SERVICE CHARGE	TOTAL:	0.00		
				EFT	TOTAL:	0.00		
				BANK-DRAFT	TOTAL:	0.00		

COMPANY: 99 - POOLED CASH FUND
 ACCOUNT: 1-1001-000 POOLED CASH OPERATING
 TYPE: All
 STATUS: All
 FOLIO: 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: 060353 THRU 060355

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT---	STATUS	FOLIO	CLEAR DATE	
CHECK:									
1-1001-000	7/20/2023	CHECK	060353	ANTHEM BLUE CROSS	9,519.58CR	OUTSTND	A	0/00/0000	EMPLOYEE INSURANCE
1-1001-000	7/20/2023	CHECK	060354	COLONIAL LIFE 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 1-1001-0				CHECK	TOTAL:	11,031.50CR			
				DEPOSIT	TOTAL:	0.00			
				INTEREST	TOTAL:	0.00			
				MISCELLANEOUS	TOTAL:	0.00			
				SERVICE CHARGE	TOTAL:	0.00			
				EFT	TOTAL:	0.00			
				BANK-DRAFT	TOTAL:	0.00			
TOTALS FOR POOLED CASH FUND				CHECK	TOTAL:	11,031.50CR			
				DEPOSIT	TOTAL:	0.00			
				INTEREST	TOTAL:	0.00			
				MISCELLANEOUS	TOTAL:	0.00			
				SERVICE CHARGE	TOTAL:	0.00			
				EFT	TOTAL:	0.00			
				BANK-DRAFT	TOTAL:	0.00			

COMPANY: 99 - POOLED CASH FUND
 ACCOUNT: 1-1001-000 POOLED CASH OPERATING
 TYPE: All
 STATUS: All
 FOLIO: 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: 060356 THRU 060359

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT---	STATUS	FOLIO	CLEAR DATE
CHECK:								
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1-1001-000	8/03/2023	CHECK	060357	COASTAL COPY, INC.	260.37CR	OUTSTND	A	0/00/0000 COPIES/MAINTENANCE
1-1001-000	8/03/2023	CHECK	060358	PACIFIC GAS & ELECTRIC	4,633.37CR	OUTSTND	A	0/00/0000 UTILITY
1-1001-000	8/03/2023	CHECK	060359	VERIZON WIRELESS	235.04CR	OUTSTND	A	0/00/0000 FIELD CELL SVC
TOTALS FOR ACCOUNT 1-1001-0				CHECK	TOTAL:	5,309.01CR		
				DEPOSIT	TOTAL:	0.00		
				INTEREST	TOTAL:	0.00		
				MISCELLANEOUS	TOTAL:	0.00		
				SERVICE CHARGE	TOTAL:	0.00		
				EFT	TOTAL:	0.00		
				BANK-DRAFT	TOTAL:	0.00		
TOTALS FOR POOLED CASH FUND				CHECK	TOTAL:	5,309.01CR		
				DEPOSIT	TOTAL:	0.00		
				INTEREST	TOTAL:	0.00		
				MISCELLANEOUS	TOTAL:	0.00		
				SERVICE CHARGE	TOTAL:	0.00		
				EFT	TOTAL:	0.00		
				BANK-DRAFT	TOTAL:	0.00		



Oceano Community Services District

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.



Oceano Community Services District

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.



Rincon Consultants, Inc.

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

805 547 0900

info@rinconconsultants.com
www.rinconconsultants.com

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.



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.



- 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 Antonelli, MESM
Senior Environmental Planner/Project Manager

Jennifer Haddow, PhD
Principal Environmental Scientist



Oceano Community Services District

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:
 - a. 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.



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

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
10 - SITE CROSS-SECTIONS
11 - HORIZONTAL CONTROL PLAN
12 - GRADING PLAN
13 - EROSION CONTROL PLAN
14 - IRRIGATION PLAN
15 - IRRIGATION NOTES & LEGEND
16 - IRRIGATION DETAILS
17 - IRRIGATION DETAILS
18 - PLANTING PLAN
19 - PLANTING NOTES & LEGEND
20 - PLANTING DETAILS
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

BENCHMARK

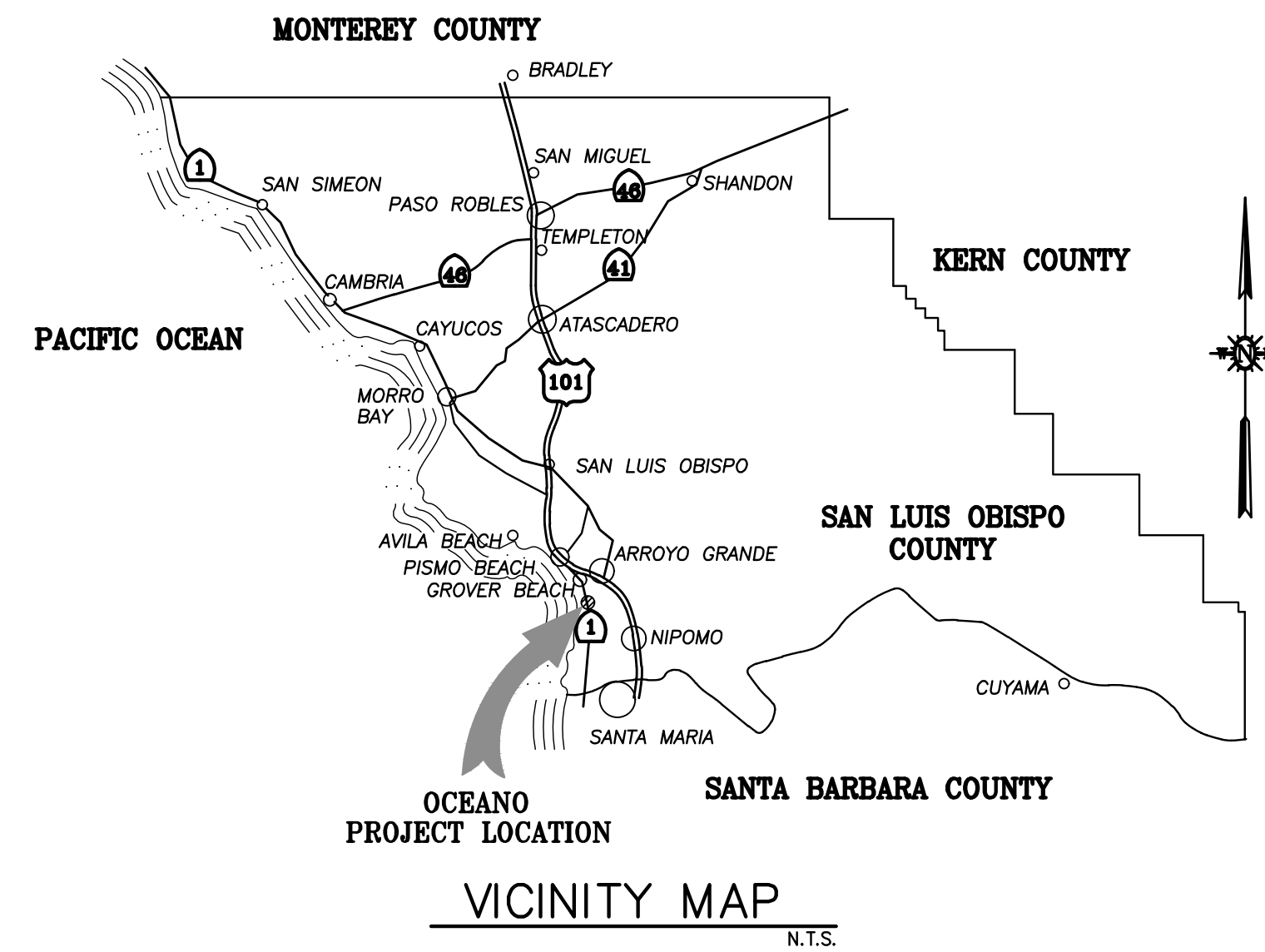
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BASIS OF BEARING

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 86001-8819; 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: 5786621.06

STANDARD SPECIFICATIONS

MOST RECENT STANDARD SPECIFICATIONS FOR THE OCEANO COMMUNITY SERVICES DISTRICT (OCCSD), 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.

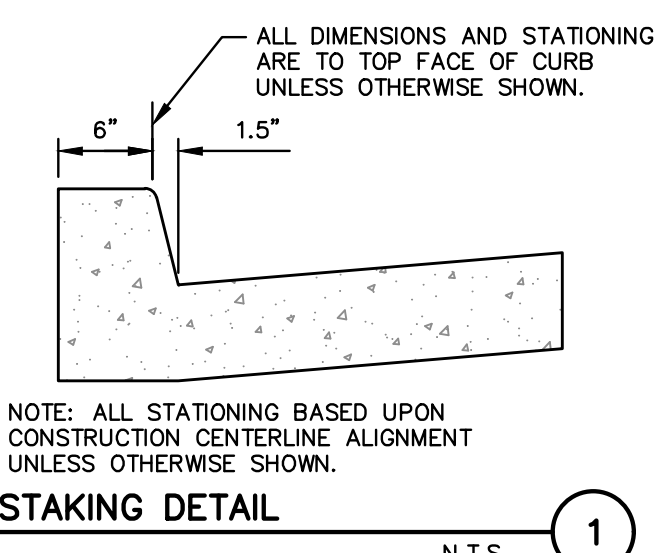


LEGEND

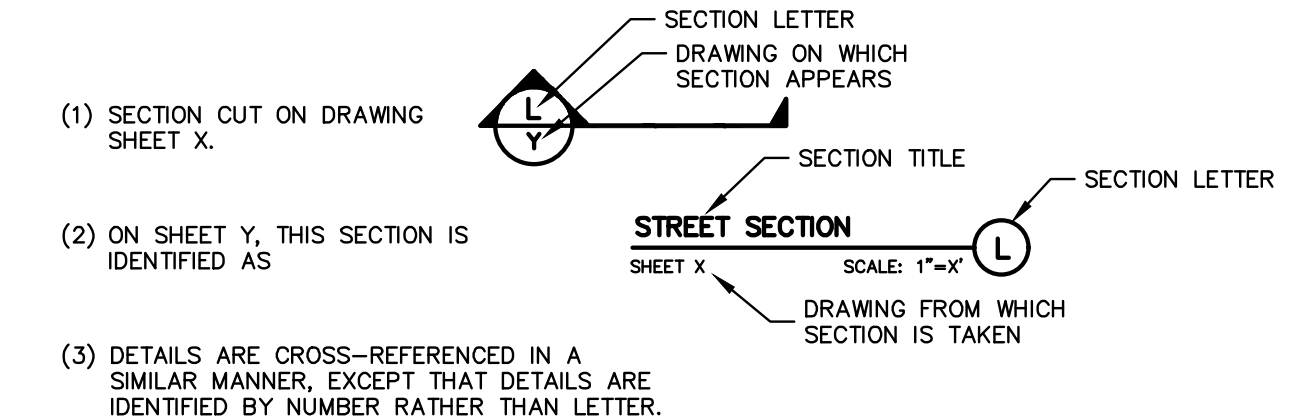
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TRACT BOUNDARY	---	---	
PROPERTY LINE	---	---	
RIGHT-OF-WAY	---	---	
CURB	---	---	
CURB & GUTTER	---	---	
FENCE	---	---	
DAYLIGHT LINE	---	---	
EASEMENT	---	---	
FLOWLINE	---	---	
RETAINING WALL	---	---	
SLOPE	---	---	
CONTOURS	---	---	
ATT LINE	---	---	
CHARTER LINE	---	---	
WATER MAIN	---	---	
SANITARY SEWER LINE	---	---	
FORCE MAIN	---	---	
STORM DRAIN LINE	---	---	
GAS LINE	---	---	
ELECTRIC LINE	---	---	
OVERHEAD WIRES	---	---	
FIBER OPTICS	---	---	
TELEPHONE	---	---	
UNDERGROUND TELEPHONE	---	---	
JOINT TRENCH	---	---	
TYPICAL LATERALS	---	---	
WATER VALVE	---	---	
WATER METER	---	---	
GAS METER	---	---	
FIRE HYDRANT	---	---	
STREET LAMP	---	---	
STREET LIGHT	---	---	
PG&E BOX	---	---	
TRANSFORMER	---	---	
MONUMENT	---	---	
STORM DRAIN INLET	---	---	
CURB INLET	---	---	
BACK WATER VALVE	---	---	
DOUBLE DETECTOR CHECK VALVE	---	---	
FIRE HYDRANT	---	---	
AIR RELEASE VALVE	---	---	
THRUST BLOCK	---	---	
POWER POLE	---	---	
FOUR-WAY SIGN	---	---	
TWO-WAY SIGN	---	---	
CLEANOUT	---	---	
SDMH	---	---	
SSMH	---	---	
AIR RELEASE VALVE			ARV
ASPHALT CONCRETE			AC
ASBESTOS CONCRETE PIPE			ACP
BEGIN CURB RETURN			BCR
BEGIN CURVE			BC
BEGIN VERTICAL CURVE			BVC
CENTERLINE			CL
END CURB RETURN			ECR
END CURVE			EC
EDGE OF TRAVELED WAY			ETW
END VERTICAL CURVE			EVC
FINISHED GRADE			FG
FINISHED SURFACE			FS
FLOW LINE			FL
GRADE BREAK			GB
HIGH POINT			HP
INVERT			INV
POINT OF CONNECTION			POC
POINT OF REVERSE CURVE			PRC
PROPERTY LINE			PL
PUBLIC UTILITY EASEMENT			PUE
RIGHT-OF-WAY			ROW
TOP OF CURB			TC
TOP OF WALL			TW

SITE MAP

IMPROVEMENT PLAN LIMITS



SECTION AND DETAIL NUMBERING SYSTEM



CONTACT INFORMATION

OWNER:
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APPROVED
Jeffery San Nicolas 06/21/2023
DEPT. OF PUBLIC WORKS DATE



Approved for construction upon issuance of encroachment permit ENC20220255 and conditional upon compliance with all permit requirements and conditions.

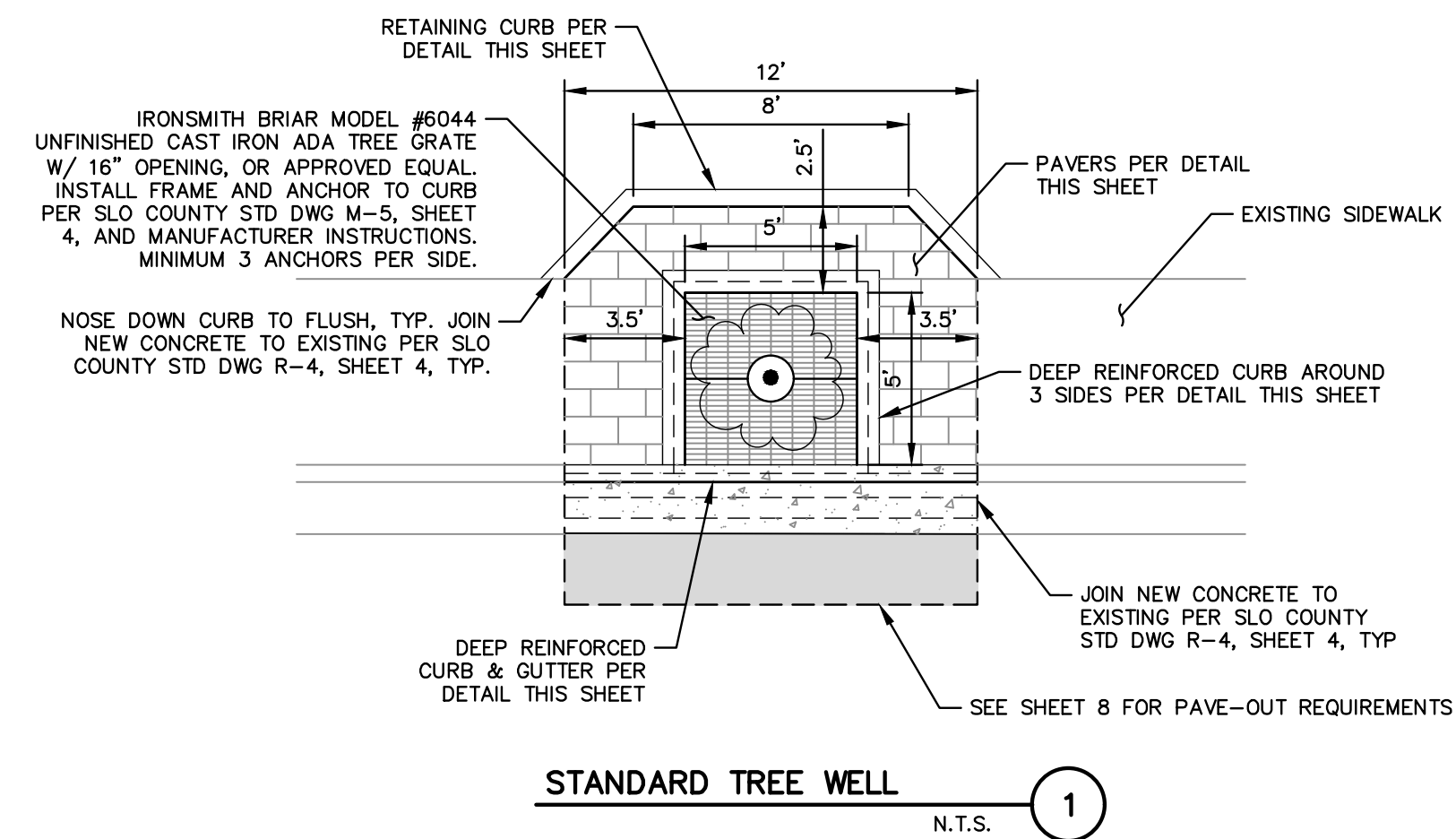
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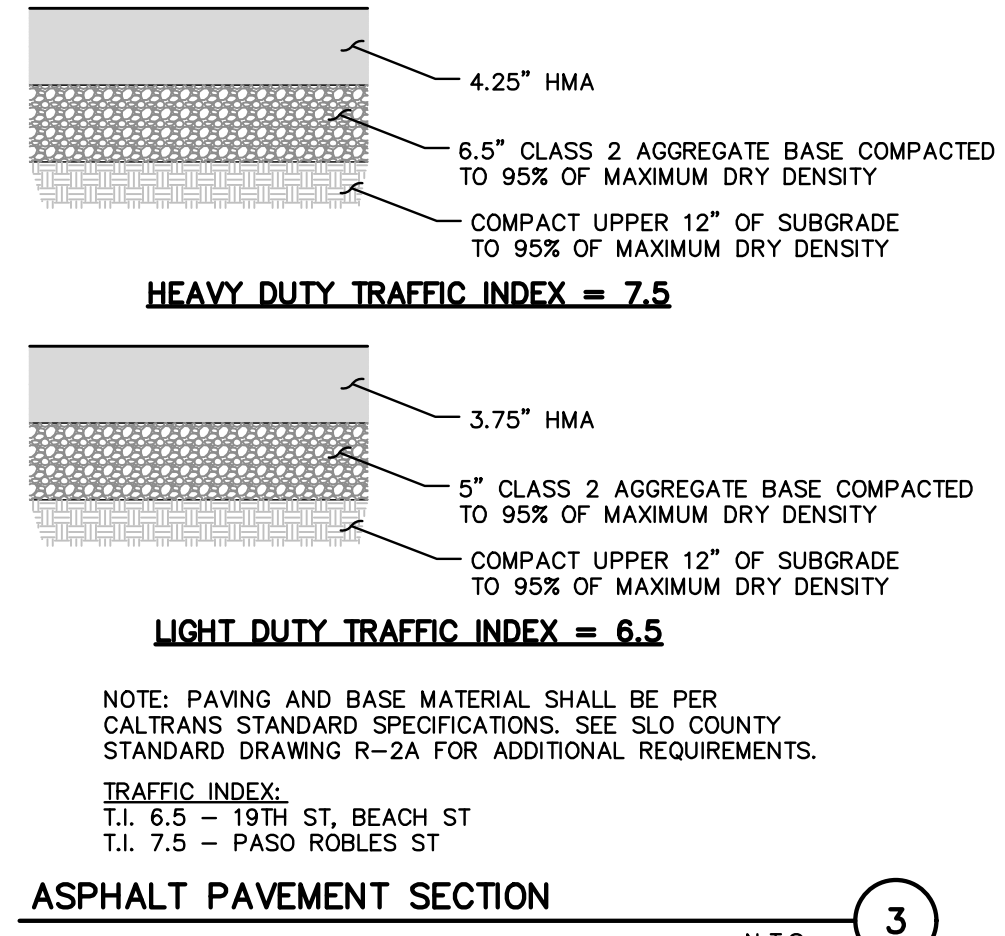
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DRAWN BY AR	DATE 05/31/2023	CA JOB NO. 210534
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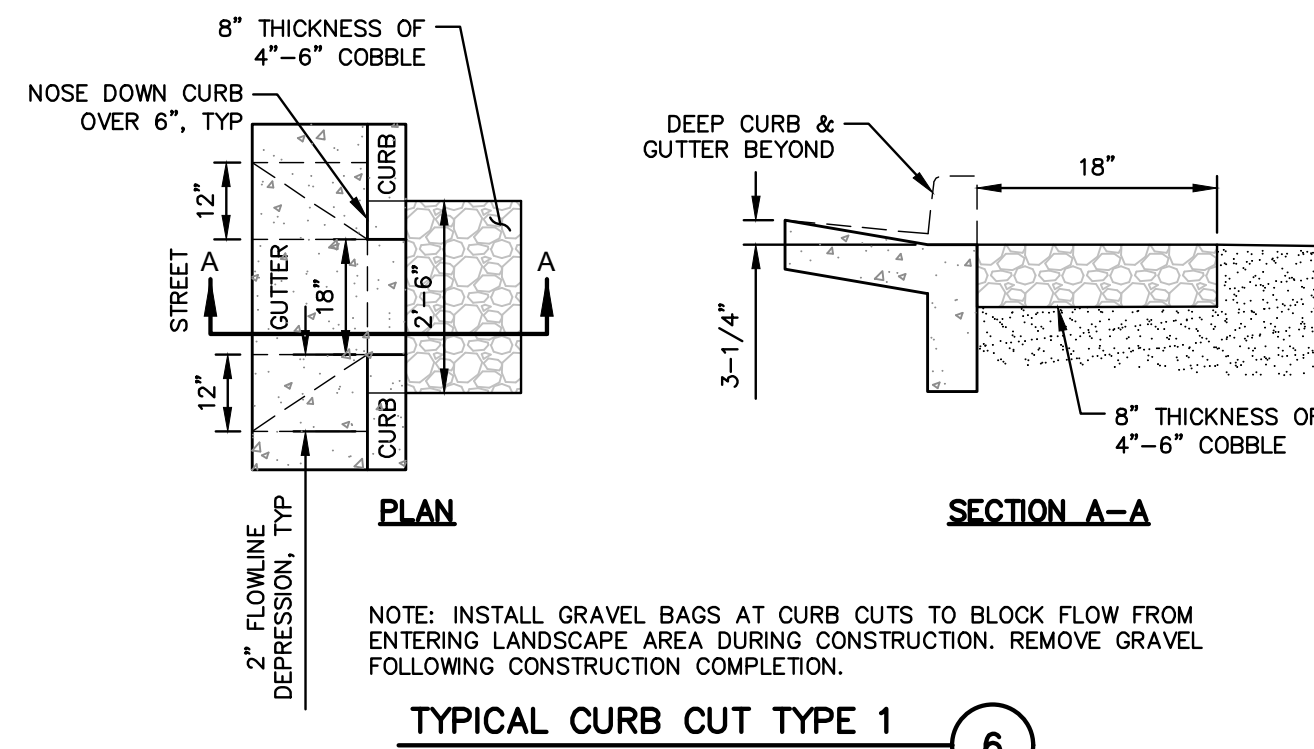
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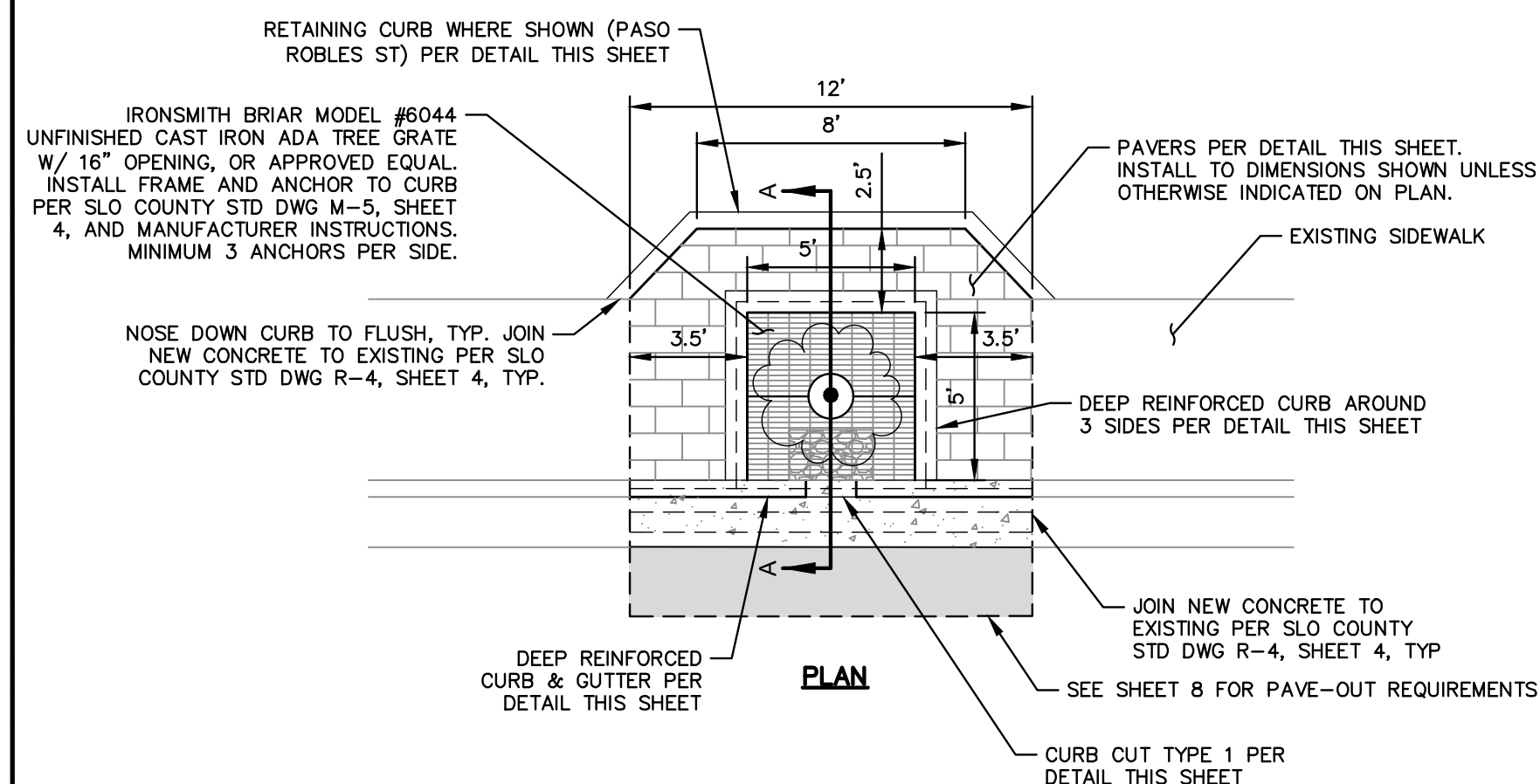
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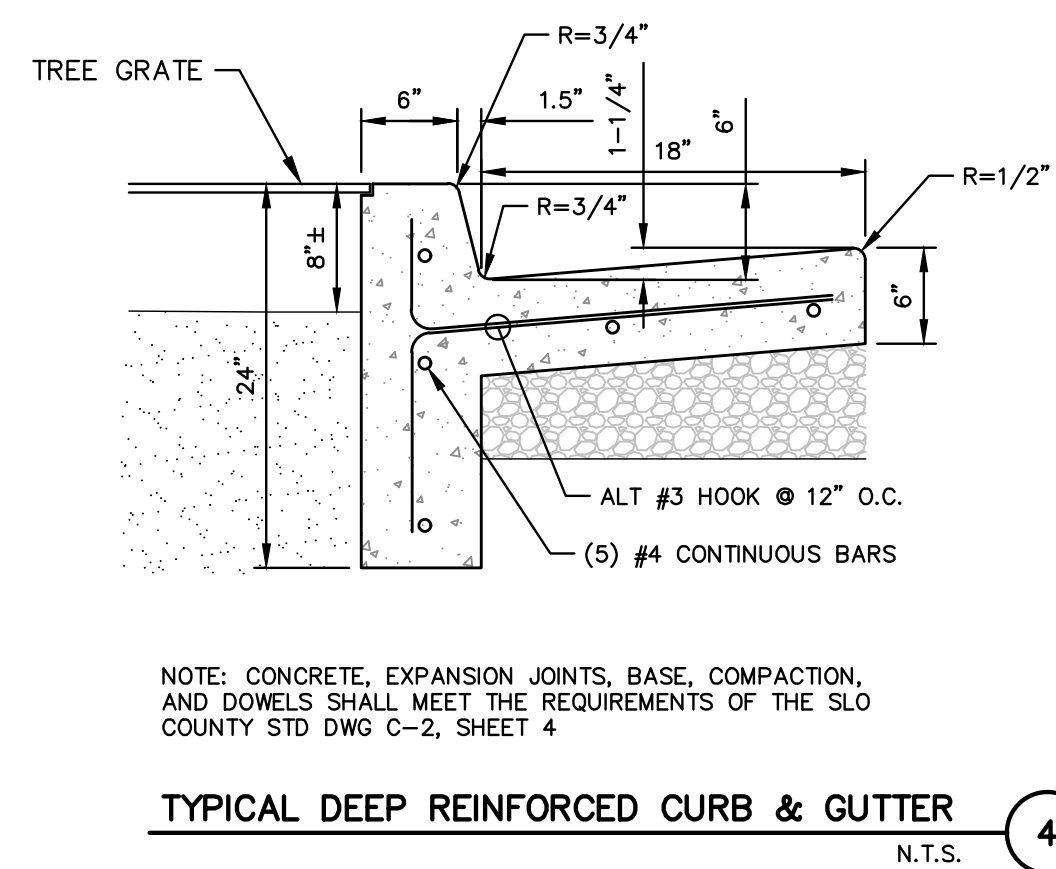
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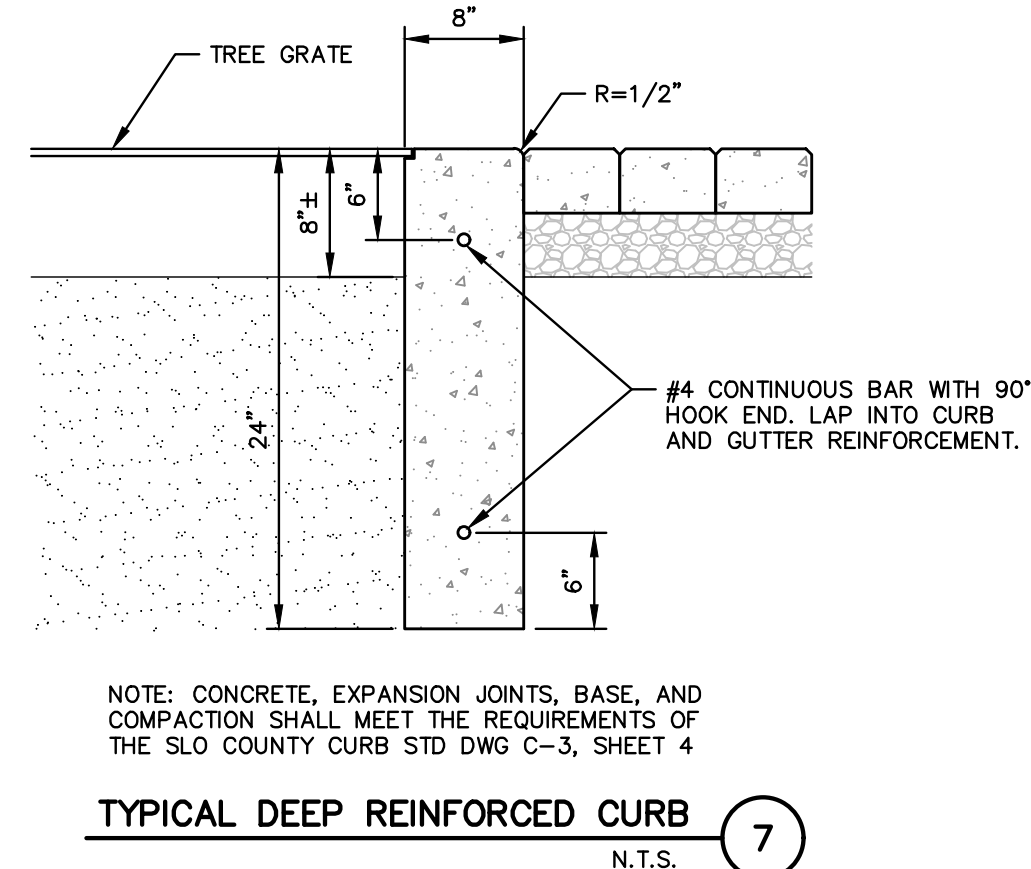
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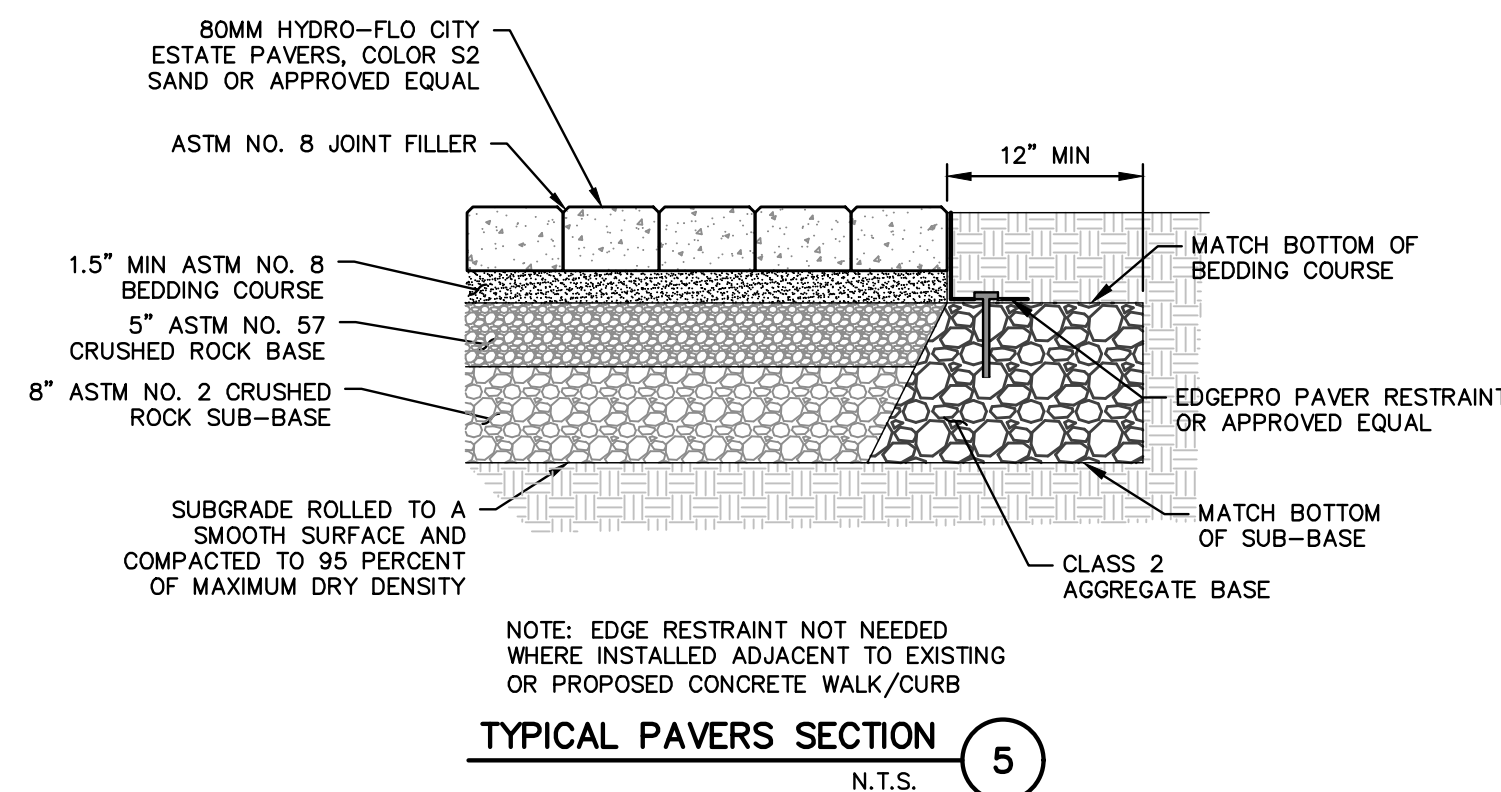
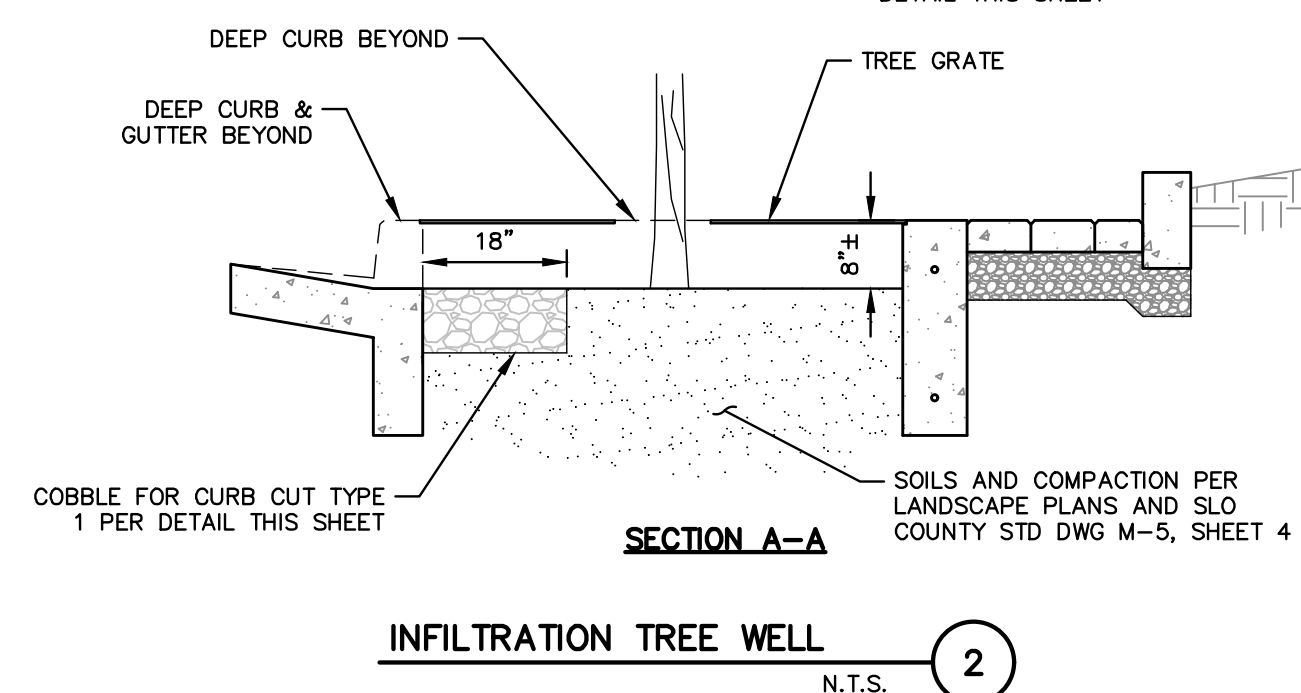
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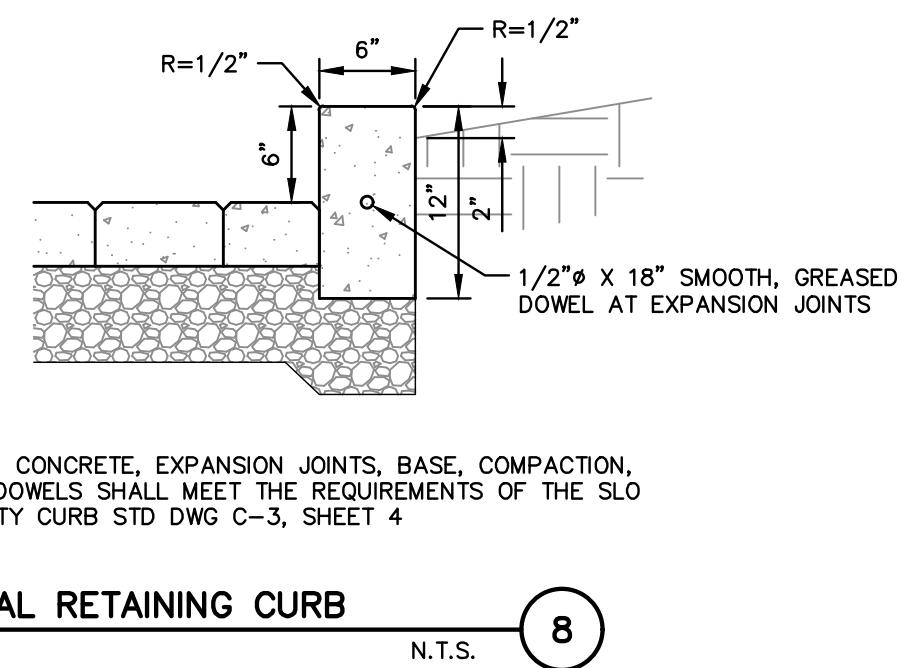
TYPICAL DEEP REINFORCED CURB & GUTTER
N.T.S. 4



TYPICAL DEEP REINFORCED CURB
N.T.S. 7



TYPICAL PAVERS SECTION
N.T.S. 5



TYPICAL RETAINING CURB
N.T.S. 8



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<p>1050 Southwood Drive San Luis Obispo, CA 93401 P 805.544.7407 F 805.544.3863</p> <p><small>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.</small></p>	OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS DETAIL SHEET OCEANO, CA		
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NOTES:

- EXPANSION JOINTS (EJ) SHALL BE PLACED AT CURB RETURNS, DRIVEWAYS, STORM DRAIN CATCH BASINS, AROUND UTILITY POLES, AT LONGITUDINAL CURB GUTTER INTERVALS NOT TO EXCEED 36 FEET, AND AT ALL OTHER LOCATIONS AS DIRECTED BY THE DEPARTMENT. THE INTERVALS BETWEEN EXPANSION JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS IN ADJACENT EXISTING IMPROVEMENTS AS APPLICABLE.
- WEAKENED PLANE JOINTS (WPJ) SHALL BE A MINIMUM 1-INCH IN DEPTH AND PLACED AT LONGITUDINAL CURB GUTTER AND SIDEWALK INTERVALS NOT EXCEEDING 6 FEET BETWEEN EXPANSION JOINTS. THE INTERVALS BETWEEN WEAKENED PLANE JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS IN ADJACENT EXISTING IMPROVEMENTS AS APPLICABLE.
- 1/2" x 18" SMOOTH GREASED DOWELS SHALL BE PLACED AT ALL EXPANSION JOINTS, ONE IN THE NEW CURB FACE, ONE IN THE NEW GUTTER, AND AT 18-INCHES ON CENTER IN NEW SIDEWALK.
- WHEN PLACED IN SIDEWALKS, BOTH EXPANSION JOINTS AND WEAKENED PLANE JOINTS SHALL EXTEND THROUGH THE ADJACENT CURB AND GUTTER.
- REFER TO RESPECTIVE IMPROVEMENT (CURB, GUTTER, SIDEWALK, RAMP, DRIVEWAY, ETC.) STANDARD DRAWING FOR ADDITIONAL CONSTRUCTION INFORMATION.

REFER TO DRAWING R-4 FOR REPAIR OF EXISTING SIDEWALKS

EXPANSION JOINT ①

WEAKENED PLANE JOINT ②

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**CONCRETE FLATWORK
CONTRACTION & CONTROL JOINTS**

Issued: June 2019 Scale: 1"=20'
Revised: NTS
Drawing No: C-1

TYPE "A" CONCRETE CURB & GUTTER

TYPE "C" CONCRETE CURB

TYPICAL GUTTER TRANSITION AT CURB RAMP

NOTES:

- ROADWAY STRUCTURAL SECTION PER PLAN OR AS EXISTING.
- CONCRETE CURB SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 520 LBS CEMENTITIOUS MATERIAL PER CUBIC YARD (5-1/2 BAGS). EXTRUDED CURB SHALL CONFORM TO STATE STANDARD SPECIFICATIONS. CONCRETE CURING SHALL BE BY PROMOTED 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 GREATER.
- 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).
- GUTTER CROSS SLOPE SHALL NOT EXCEED 5% ACROSS CURB RAMPS PER DETAIL BELOW.
- THE ROADWAY FINISHED SURFACE SHALL BE 1/4" ABOVE THE GUTTER LIP.
- PAVEMENT WIDTH MEASURED FROM ROAD CENTERLINE TO THIS POINT.
- 1/2" x 18" LONG GREASED SMOOTH DOWELS (●) SHALL BE CONSTRUCTED AT ALL EXPANSION JOINTS AND CONSTRUCTION JOINTS. REFER TO STANDARD DRAWING C-1.
- EXPANSION JOINTS SHALL BE CONSTRUCTED AT 36-FEET MAXIMUM INTERVALS. AT ENDS OF ALL CURB RETURNS, AND EACH SIDE OF DRIVEWAY DEPRESSIONS PER STANDARD DRAWING C-1. THE INTERVALS BETWEEN EXPANSION JOINTS SHALL VARY TO ALLOW MATCHING OF JOINTS ADJACENT EXISTING IMPROVEMENTS WHEN APPLICABLE.
- 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.
- UNDER NO CIRCUMSTANCES SHALL UTILITY LIDS AND CONCRETE COLLARS BE LOCATED WITHIN THE CURB & GUTTER.

NOTES:

- GUTTER CROSS SLOPE = 1/4" IN 18" = 6.9%
- GUTTER CROSS SLOPE TRANSITION ZONE (VARIES)
- CURB CROSS SLOPE = 7/8" IN 18" = 4.7% (5% MAX) LONGITUDINAL SLOPE = 2% MAX

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**CONCRETE FLATWORK
TYPE "A" CURB & GUTTER**

Issued: June 2019 Scale: NTS
Revised: NTS
Drawing No: C-2

TYPE "C" CONCRETE CURB

NOTES:

- ROADWAY STRUCTURAL SECTION PER PLAN OR AS EXISTING.
- CONCRETE CURB SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 520 LBS CEMENTITIOUS MATERIAL PER CUBIC YARD (5-1/2 BAGS). EXTRUDED CURB SHALL CONFORM TO STATE STANDARD SPECIFICATIONS. CONCRETE CURING SHALL BE BY PROMOTED 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 GREATER.
- 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).
- PAVEMENT WIDTH MEASURED FROM ROAD CENTERLINE TO THIS POINT.
- 1/2" x 18" LONG GREASED SMOOTH DOWELS (●) SHALL BE CONSTRUCTED AT ALL EXPANSION JOINTS PER STANDARD DRAWING C-1.
- EXPANSION JOINTS SHALL BE CONSTRUCTED AT 36-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.
- 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.
- UNDER NO CIRCUMSTANCES SHALL UTILITY LIDS AND CONCRETE COLLARS BE LOCATED WITHIN THE TOP OF CURB.

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**CONCRETE FLATWORK
TYPE "C" CURB**

Issued: June 2019 Scale: NTS
Revised: NTS
Drawing No: C-3

FACE ANGLE ANCHOR

WING TRANSITION PLAN

TYPICAL FRAME

PLAN MODIFIED 6" WIDTH

NOTES:

- REINFORCING STEEL SHALL BE #4 BARS AT 18" O.C. PLACED 1-1/2" CLEAR TO INSIDE OF BOX UNLESS OTHERWISE NOTED. BASIN FLOORS SHALL HAVE WOOD FLOAT FINISH AND A MINIMUM SLOPE OF 1/20" FROM ALL DIRECTIONS TOWARDS GUTTER PIPE. CONCRETE SHALL BE 500 LBS/CY CEMENTITIOUS MATERIAL, 8 BAGS PER STATE STANDARD SPECIFICATIONS.
- FACE ANGLE SHALL EXTEND FULL WIDTH OF BOX.
- SMOOTH GROUT INSIDE AND OUTSIDE OF PIPE JUNCTION TO FORM A WATER-TIGHT SEAL.
- FRAME SHALL BE OPIED IN COMMERCIAL QUALITY ASPHALTUM PAINT OR GALVANIZED.
- IN ALL CASES 2" LONG CONCRETE WINGS SHALL BE CONSTRUCTED EITHER SIDE OF THE INLET.
- GRATE SHALL BE BICYCLE PROOF AND CONFORM TO STATE STANDARD SPECIFICATIONS.
- THE DEPARTMENT MAY REQUIRE CURB AND/OR SEDIMENTATION CONTROL DEVICES BE PROVIDED.
- PRECAST INLETS MEETING THESE SAME REQUIREMENTS MAY BE SUBSTITUTED AT THE APPROVAL OF THE DEPARTMENT.
- THE CATCH BASIN TOP AND GRATE SHALL BE CONSTRUCTED TO MATCH THE LONGITUDINAL SLOPE OF THE ADJACENT ROADWAY.
- INSTALL STORM DRAIN MARKER PER M-6.
- PLACE A 3/4" PLAN ROUND PROTECTION BAR MED HEIGHT AND HORIZONTALLY ACROSS THE LENGTH OF THE OPENINGS. BEAD BACK 4" MIN INTO THE INLET WALL ON EACH SIDE.

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**DRAINAGE & FLOOD CONTROL
URBAN CATCH BASIN**

Issued: June 2019 Scale: NTS
Revised: NTS
Drawing No: D-2

SECTION A-A

SECTION B-B

PLAN

NOTES:

- MANHOLE COVER AND FRAME SHALL HAVE A MINIMUM 24" x 24" OPENING AND CONFORM TO HS-20 TRAFFIC LOADING. LID SHALL HAVE AN OPEN PICKUP HOLE, AND BE LETTERED "STORM DRAIN".
- COLLAR SHALL BE PORTLAND CEMENT CONCRETE, TROWELLED TO STREET GRADE, AND ALLOWED TO CURE 48 HOURS PRIOR TO FULL TRAFFIC USE.
- PROVIDE ADJUSTING RINGS AS NEEDED. GROUT ON THE INSIDE.
- PRECAST SHAFT(S) AND CONCENTRIC CONE SHALL MEET ASTM C-478 817 FOR CLASS 2 REINFORCED CONCRETE PIPE, OR AS APPROVED BY THE DEPARTMENT.
- JOINTS SHALL BE WATER-TIGHT, SET WITH BUTYL RUBBER SEALANT (PLUBRAN OR EQUAL).
- CONCRETE MANHOLE BASE SHALL CONFORM TO STATE STANDARD SPECIFICATIONS, 500 LBS CEMENTITIOUS MATERIAL, 8 BAGS, AND REST UPON UNDISTURBED MATERIAL. BOTTOM SHAFT SHALL BE WEI-SET OR SET IN FORMED GROOVE. PRECAST BASES MAY BE USED WITH PRIOR APPROVAL OF THE DEPARTMENT AND SHALL MEET ASTM C-478 617.
- PIPE SHALL BE LAD THROUGH MANHOLE, AND TOP PORTION REMOVED AFTER BASE IS POURED. TROUGH SHALL HAVE STEEL-TROWEL FINISH, VERTICAL SIDES, ROUNDED CORNERS, TOP SURFACE SHALL HAVE 1-INCH PER 12-INCH SLOPE TOWARD TROUGH.
- EQUIVALENT PRECAST BASE SHALL BE ALLOWED.
- UNDER NO CIRCUMSTANCES SHALL UTILITY LIDS AND CONCRETE COLLARS BE LOCATED WITHIN CURBS, GUTTERS, SIDEWALKS, DRIVEWAY APPROXS, CURB RAMPS, OR CROSS GUTTERS.
- LOCKING LIDS MAY BE REQUIRED BY THE DEPARTMENT.

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**DRAINAGE & FLOOD CONTROL
MANHOLE FOR PIPE DIA. 18" TO 36"**

Issued: June 2019 Scale: NTS
Revised: NTS
Drawing No: D-3

PLAN VIEW

SECTION A-A

CINCH-TIE DETAIL

NOTES:

- AN ENCROACHMENT PERMIT SHALL BE REQUIRED FOR ALL PLANTINGS WITHIN THE PUBLIC RIGHT OF WAY. THE PERMIT SHALL DEFINE RESPONSIBILITY FOR MAINTENANCE AND REMOVAL IF REQUIRED.
- TREES SHALL BE SPACED A MIN OF 25' APART AS DIRECTED BY ENCROACHMENT PERMIT. TREES SHALL BE AT LEAST 50 FEET FROM CURB RETURNS, ALL TRUNKS, BRANCHES AND LIMBS SHALL REMAIN VISIBLE.
- TREE SIZE TO BE COMPARABLE TO STANDARD 4-INCH BOX TREE, NURSERY STOCK.
- TREES ARE TO BE SELECTED FROM A LIST OF THOSE APPROVED BY THE COUNTY PLANNING DEPARTMENT.
- BACKFILL HOLE WITH 5050 MIX OF COMMERCIAL PLANTING MIX AND NATIVE SOIL. LOOSEN ROOT BALL, TAMP SOIL TO ELIMINATE AIR SPACES, AND WATER SLOWLY TO PENETRATE ROOT BALL.
- INSTALL DUCTILE CAST IRON TREE WELL GRATES, 36" SQUARE WITH MINIMUM 15" CENTER OPENING.
- INSTALL PERIMETER ROOT BARRIER WITH A MINIMUM DEPTH OF 24" FROM FINISH GRADE.
- MAINTENANCE IS THE RESPONSIBILITY OF THE FRONTING PROPERTY OWNER. RESPONSIBILITY MUST BE TRANSFERRED TO SUCCESSOR OWNERS BY TITLE. THE TREE SHALL BE REMOVED BY PROPERTY OWNER IF DIRECTED BY THE DEPARTMENT.
- ONLY FOR USE IN 10-FOOT WIDE SIDEWALK OR WHERE MATURE TREE WILL NOT INTERFERE WITH PEDESTRIAN ACCESSIBILITY.

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**TREE
PLANTING IN RIGHT-OF-WAY**

Issued: June 2019 Scale: NTS
Revised: NTS
Drawing No: M-5

TYPICAL URBAN STREET WIDENING SECTION

ROADWAY WIDTH

WIDENING PROCEDURE

- SAWCUT PER NOTE 1 AND REMOVE MATERIAL TO REQUIRED DEPTH.
- CONSTRUCT NEW SUBGRADE & BASE PER DEPARTMENT APPROVED SECTION.
- SAWCUT PER NOTE 1 TO REMOVE AN ADDITIONAL 12" MIN OF HMA SURFACE.
- RECOMPACT EXISTING BASE SECTION TO 95% RELATIVE COMPACTION.
- GRIND 1.5" (MIN) EXISTING ASPHALT SURFACE SO FINAL SEAMS ARE LOCATED PER TABLE 1.
- PAVE ROADWAY PER DEPARTMENT APPROVED SECTION.

PCI	Roadways with 500 ADT or less and within the URL	All Other Roadways
85-100	Full Lane Width Overlay	Full Lane Width Overlay
65-84	12" min, T-Section	Half Lane Width Overlay
<65	12" min, T-Section	12" min, T-Section

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**PAVEMENT RESTORATION
URBAN STREET WIDENING**

Issued: June 2019 Scale: NTS
Revised: NTS
Drawing No: R-2a

CONSTRUCTION (COLD) JOINT AT SAWCUT

NOTES:

- SAWCUT TO REMOVE DAMAGED OR FAILED PAVEMENT SECTION ADJACENT TO THE EDGE OF PAVEMENT AS NECESSARY TO PROVIDE A CLEAN JOINT LINE. ALL SAWCUTS SHALL BE PERPENDICULAR TO THE TRAVEL LANE. CUT EDGES SHALL BE VERTICAL WITH SQUARE CORNERS AND SHALL BE STRAIGHT AND NEAT IN APPEARANCE.
- THE STRUCTURAL ROAD WEARING SECTION SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION BASED ON THE SUBGRADE QUALITY AND THE TRAFFIC INDEX (TI) AS PROVIDED BY THE DEPARTMENT. IF THE EXISTING ROAD STRUCTURAL SECTION IS GREATER THAN THE DETERMINED ROAD STRUCTURAL SECTION, THEN THE EXISTING ROAD STRUCTURAL SECTION SHALL BE MATCHED. TYPICAL ROAD WEIDENING SECTION SHALL BE: 1. 12" MIN ASPHALT DRAIN PER THE DESIGN STANDARDS TO 95% RELATIVE COMPACTION OVER 2. 12" MINIMUM SUBGRADE TO 95% RELATIVE COMPACTION.
- GRIND 1.5-INCHES MINIMUM FROM THE EXISTING ADJACENT HMA PAVEMENT SO THAT FINAL HMA SEAMS ARE LOCATED IN ACCORDANCE WITH TABLE 1 & DRAWING R-2, OR AS DIRECTED BY THE DEPARTMENT.
- NEW PAVEMENT SHALL BE PLACED IN LIFTS NOT EXCEEDING 3-INCHES (COMPACTED), WITH A MINIMUM LIFT NOT LESS THAN 1.5-INCHES.
- A THICK COAT SHALL BE APPLIED TO ALL HORIZONTAL AND VERTICAL SURFACES PRIOR TO PAVING.
- AFTER PAVING, APPLY 50% OIL (OR APPROVED EQUAL) TO ALL HMA SURFACE SEAMS PER MANUFACTURERS RECOMMENDATIONS.
- CUT AND FILL SLOPES BEYOND ROADWAY PAVEMENT POINTS SHALL NOT EXCEED 2:1 HORIZONTAL 1:1 VERTICAL OR 3:1 HORIZONTAL 1:1 VERTICAL WITHOUT PRIOR APPROVAL BY THE DEPARTMENT.

DEPT. OF PUBLIC WORKS - STANDARD DRAWINGS
**PAVEMENT RESTORATION
CONCRETE FLATWORK REPAIR**

Issued: June 2019 Scale: 1"=10'
Revised: NTS
Drawing No: R-4



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Cannon

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**OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS**

DETAIL SHEET

OCEANO, CA

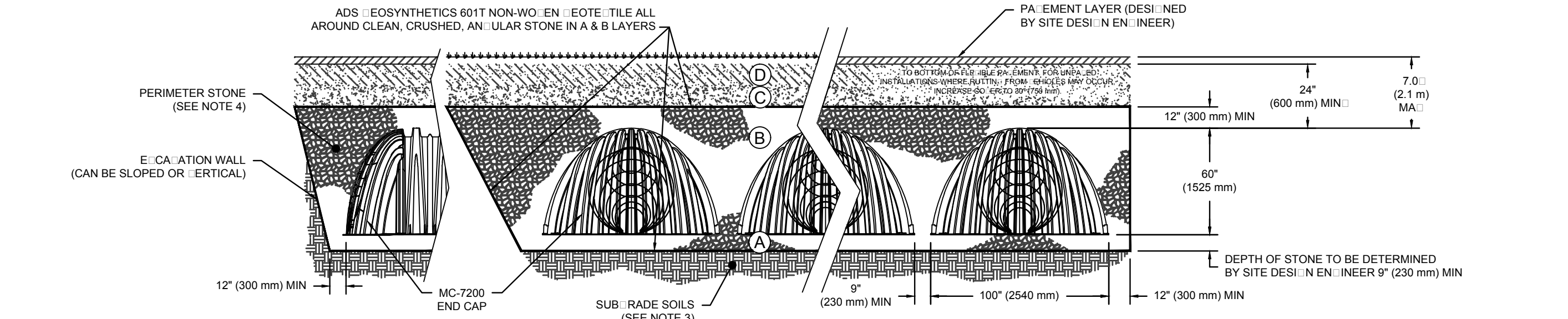
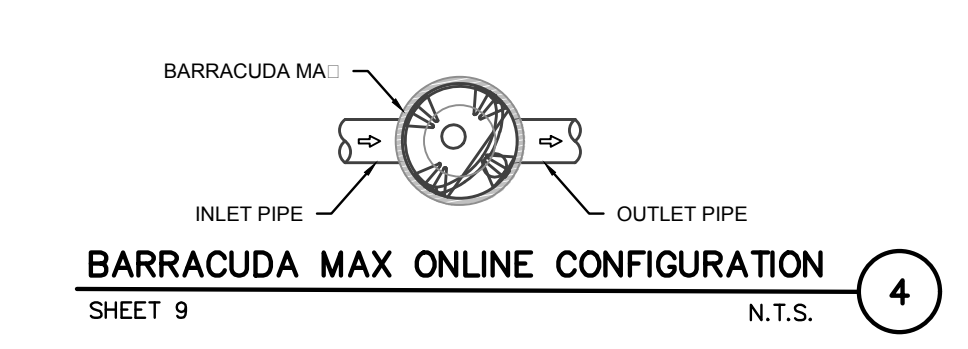
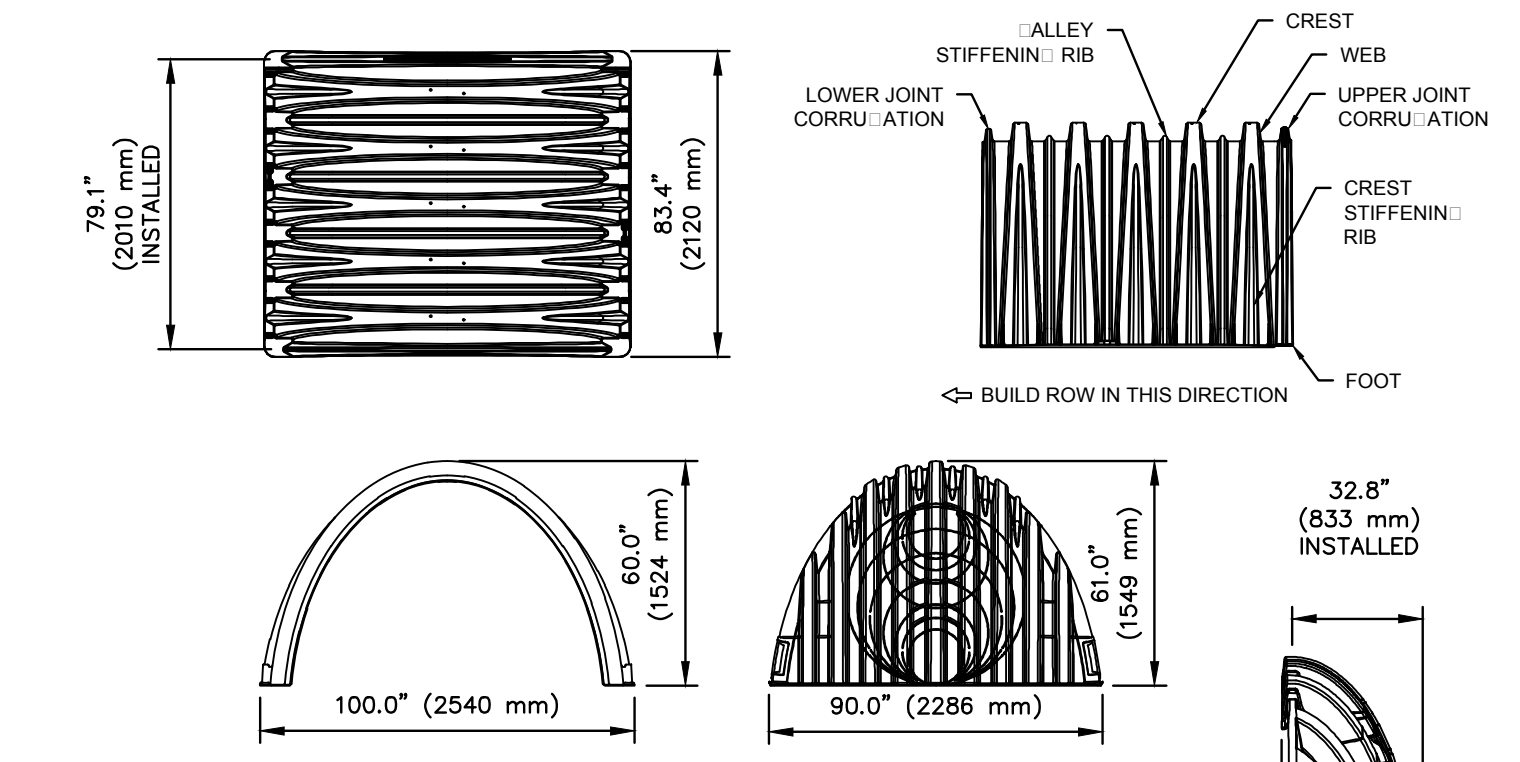
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ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER D STARTS FROM THE TOP OF THE C LAYER TO THE BOTTOM OF FLEETIBLE PAEMENT OR UNPAEMENT FINISHED GRADE ABOVE. NOTE THAT PAEMENT SUBBASE MAY BE PART OF THE D LAYER.	ANY SOIL/ROCK MATERIALS, NATIENS SOILS, OR PER ENINER'S PLANS. CHECK PLANS FOR PAEMENT SUBGRADE REQUIREMENTS.	N/A
C	INITIAL FILL: FILL MATERIAL FOR LAYER C STARTS FROM THE TOP OF THE EMBEDDMENT STONE (B LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAEMENT SUBBASE MAY BE PART OF THE C LAYER.	ANULAR WELL-RADED SOIL/AIENATE MATERIALS, 35% FINES OR PROCESSED AIIENATE. MOST PAEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 A-1, A-2.4, A-3 OR AASHTO M43 3, 357, 4, 487, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10
B	EMBEDDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE (A LAYER) TO THE C LAYER ABOVE.	CLEAN, CRUSHED, ANULAR STONE	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANULAR STONE	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE.

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR IRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANULAR, FOR EAMPLE, A SPECIFICATION FOR A4 STONE WOULD STATE: "CLEAN, CRUSHED, ANULAR NO. 4 (AASHTO M43) STONE".
2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR A LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) MAXIMUM LIFTS USING TWO FULL COURSES WITH A LABORATORY COMPACTOR.
3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAINING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGN, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
4. ONCE LAYER C IS PLACED, ANY SOIL MATERIAL CAN BE PLACED IN LAYER D UP TO THE FINISHED GRADE. MOST PAEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER C OR D AT THE SITE DESIGN ENGINEER'S DISCRETION.

MC-7200 TECHNICAL SPECIFICATION



- NOTES:**
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
 - MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
 - 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 RATED SOIL MOISTURE CONDITIONS.
 - PERIMETER STONE MUST BE ERECTED HORIZONTALLY TO THE ERECTION WALL FOR BOTH VERTICAL AND SLOPED ERECTION WALLS.
 - REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3/8".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT. THE ASC IS DEFINED IN SECTION 6.2.4 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73 F / 23 C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE OLD OR YELLOW COLORS.

NOMINAL CHAMBER SPECIFICATIONS

SIZE (W x H) - INSTALLED LENGTH	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 ³)
MINIMUM INSTALLED STORAGE	267.3 CUBIC FEET (7.56 m ³)
WEIGHT (NOMINAL)	205 lbs. (92.9 kg)

NOMINAL END CAP SPECIFICATIONS

SIZE (W x H) - INSTALLED LENGTH	90.0" x 61.0" x 32.8" (2286 mm x 1549 mm x 833 mm)
END CAP STORAGE	39.5 CUBIC FEET (1.12 m ³)
MINIMUM INSTALLED STORAGE	115.3 CUBIC FEET (3.26 m ³)
WEIGHT (NOMINAL)	90 lbs. (40.8 kg)

ASSUMES 12" (305 mm) STONE ABOVE, E. 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 ENDIN: WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDIN: WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

PART #	STUB	B	C
MC7200EP06T	6" (150 mm)	42.54" (1081 mm)	---
MC7200EP06B	---	---	0.86" (22 mm)
MC7200EP08T	8" (200 mm)	40.50" (1029 mm)	---
MC7200EP08B	---	---	1.01" (26 mm)
MC7200EP10T	10" (250 mm)	38.37" (975 mm)	---
MC7200EP10B	---	---	1.33" (34 mm)
MC7200EP12T	12" (300 mm)	35.60" (907 mm)	---
MC7200EP12B	---	---	1.55" (39 mm)
MC7200EP15T	15" (375 mm)	32.72" (831 mm)	---
MC7200EP15B	---	---	1.70" (43 mm)
MC7200EP18T	18" (450 mm)	29.36" (746 mm)	---
MC7200EP18B	---	---	1.97" (50 mm)
MC7200EP24T	24" (600 mm)	23.05" (585 mm)	---
MC7200EP24B	---	---	2.28" (57 mm)
MC7200EP30B	30" (750 mm)	---	2.95" (75 mm)
MC7200EP36B	36" (900 mm)	---	3.25" (83 mm)
MC7200EP42B	42" (1050 mm)	---	3.55" (90 mm)

NOTE: ALL DIMENSIONS ARE NOMINAL.

RETENTION SYSTEM TYPICAL STORMTECH MC-7200 SECTION

MC-7200 TECHNICAL SPECIFICATIONS SECTION

MC-7200 STORMTECH CHAMBER SPECIFICATIONS

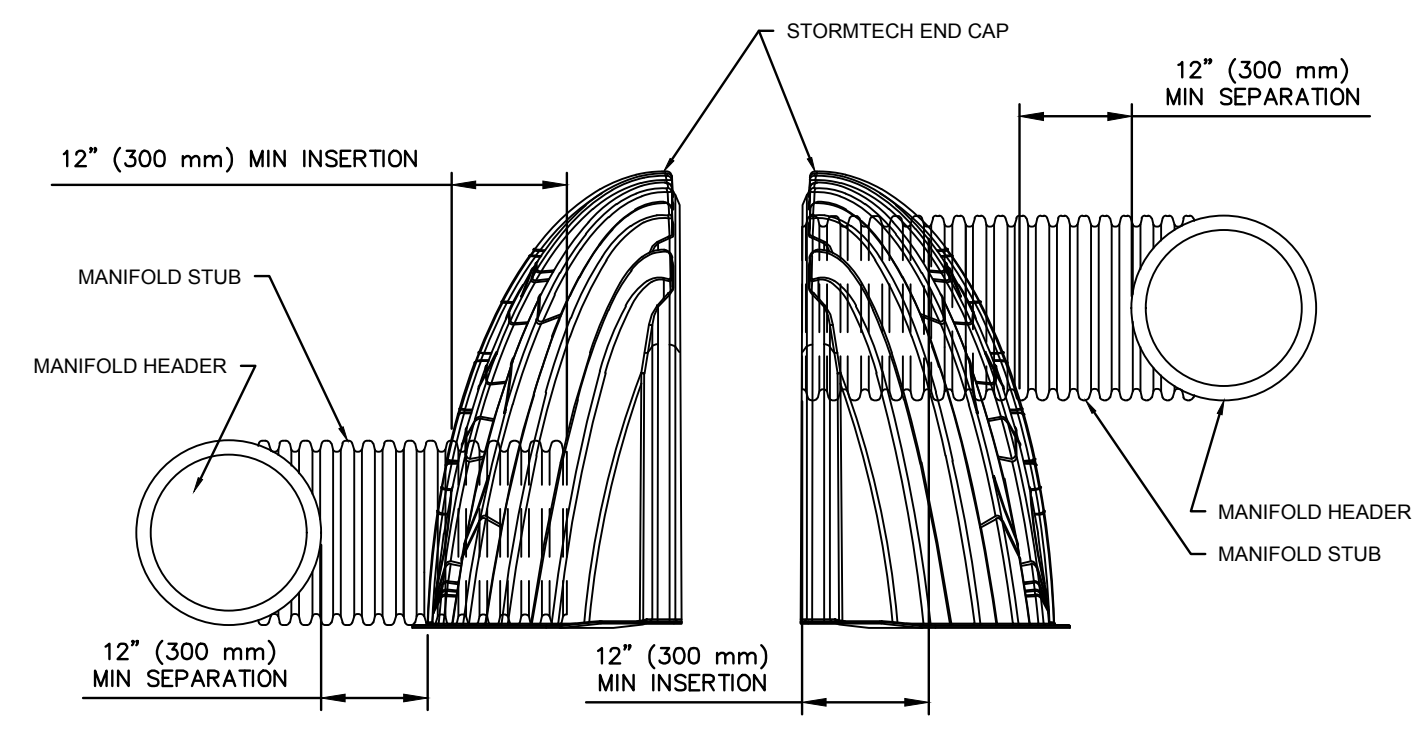
- CHAMBERS SHALL BE STORMTECH MC-7200.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM IRON, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPED FLOW OR LIMIT ACCESS FOR INSPECTION.
- 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 FOR IMPACT AND MULTIPLE TRUCK PRESENCES.
- 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.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3/8".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 450 LBS/FT. THE ASC IS DEFINED IN SECTION 6.2.4 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73 F / 23 C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE OLD OR YELLOW COLORS.
- 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.
- 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 ERECTOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:
 - STONEHOPPER LOCATED OFF THE CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN ERECTOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE ERECTION USING A LONG BOOM HOE OR ERECTOR.
- THE FOUNDATION STONE SHALL BE LAYED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
- 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, ANULAR STONE MEETING THE AASHTO M43 DESIGNATION OF 3 OR 4.
- STONE SHALL BE BROUGHT UP ONLY 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.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "LEAK STORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
 - THE USE OF EQUIPMENT OVER MC-7200 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER TIRED LOADER, DUMP TRUCK, OR ERECTOR 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".
 - FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAFFEL 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 WARRANTY.
- CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



MC-SERIES END CAP INSERTION DETAIL



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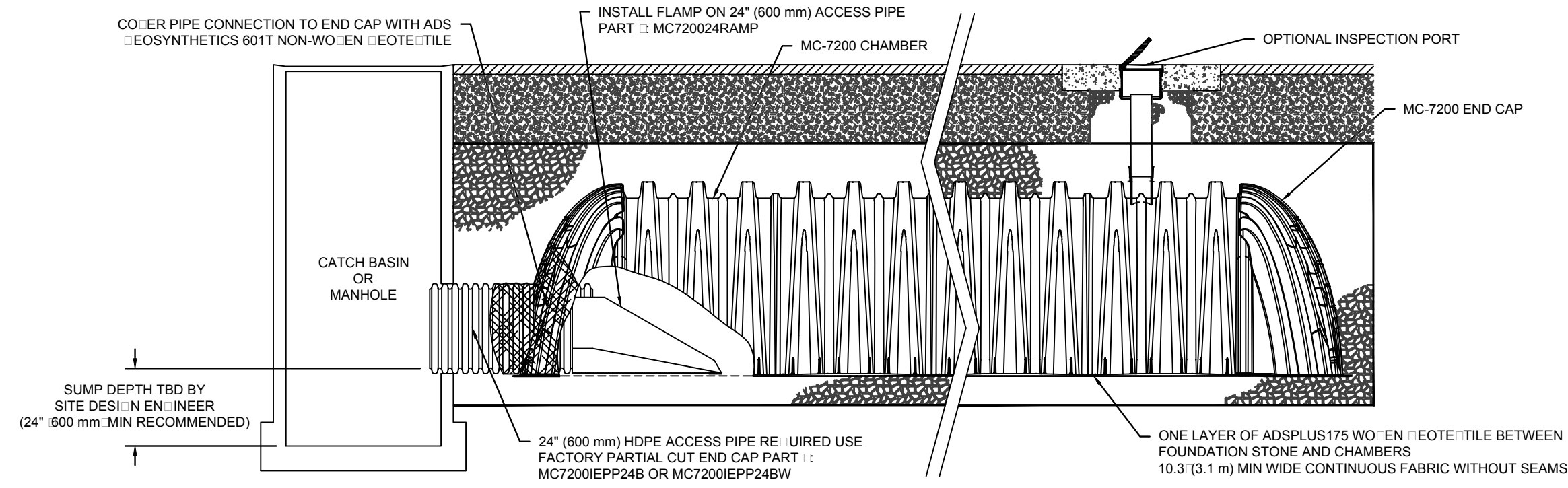
OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS

DETAIL SHEET

OCEANO, CA

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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 FLEET STORM FILTER IF INSTALLED
 - A.3. USE 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. USE 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 JETTING PROCESS
- A. A FINE NOZZLE WITH REAR FACED SPRAY BAR (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETTING UNTIL BACKFLUSH WATER IS CLEAN
 - C. CLEAN STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, RATES, FILTERS, AND LIDS. RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

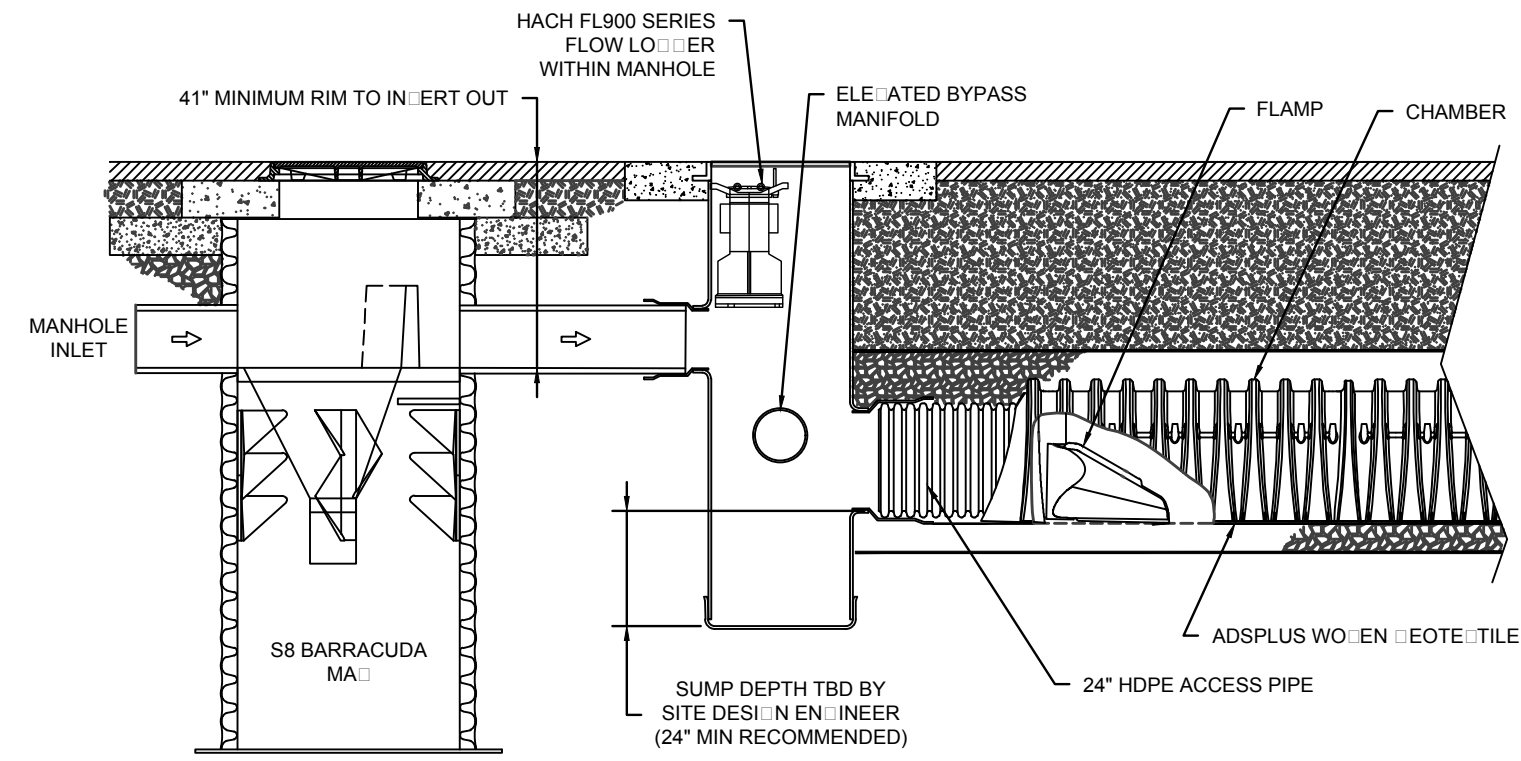
NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
2. CONDUCT JETTING AND ACTIONS ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

MC-7200 ISOLATOR ROW PLUS DETAIL

SHEET 9

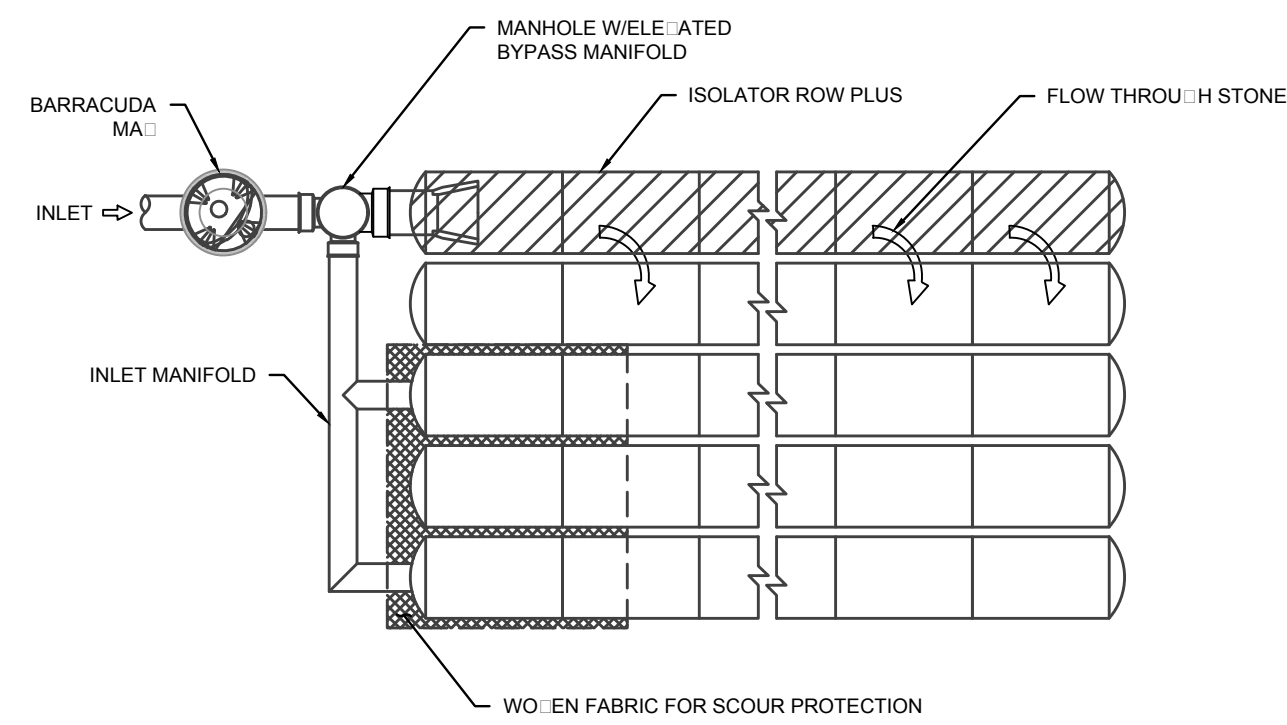
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BARRACUDA MAX & ISOLATOR ROW PLUS CROSS SECTION/PROFILE

SHEET 9

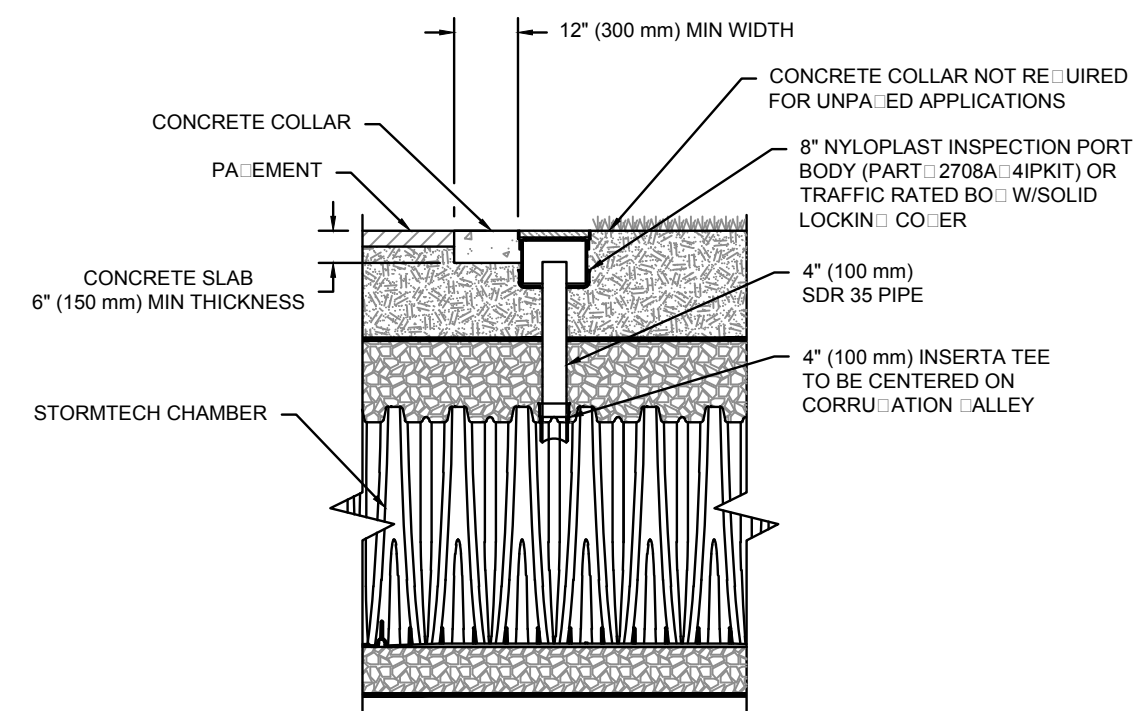
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BARRACUDA MAX & ISOLATOR ROW PLUS SCHEMATIC

SHEET 9

N.T.S.



NOTE: INSPECTION PORTS MAY BE CONNECTED THROUGH ANY CHAMBER CORRUPTION ALLEY.

ISOLATOR ROW INSPECTION PORT

SHEET 9

N.T.S.



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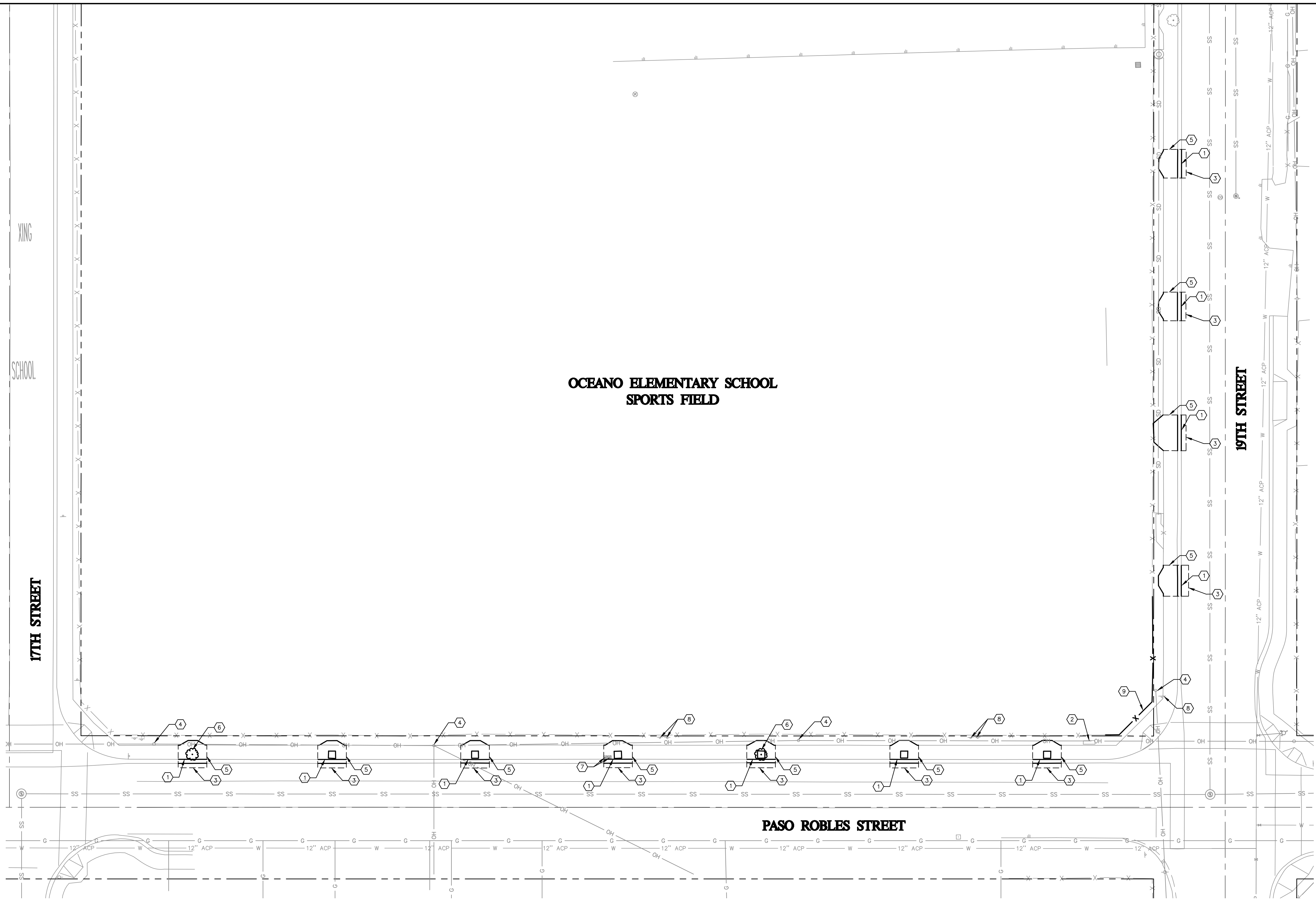
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OCEANO ELEMENTARY SCHOOL
SPORTS FIELD

PASO ROBLES STREET

19TH STREET

17TH STREET

OCEANO ELEMENTARY SCHOOL - PLAN VIEW

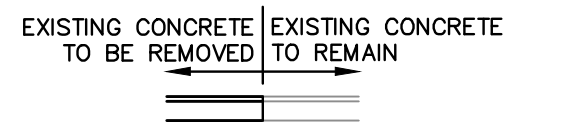
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DEMOLITION NOTES

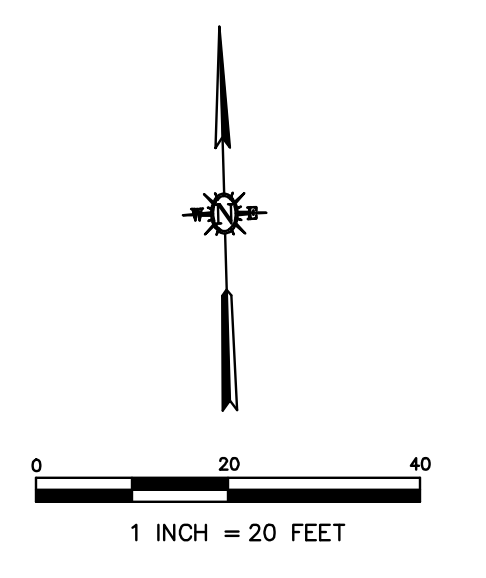
- ① REMOVE EXISTING CONCRETE TO LIMITS SHOWN, TYPICAL
- ② PROTECT IN PLACE EXISTING UTILITY BOX
- ③ REMOVE EXISTING ASPHALT AND BASE TO LIMITS SHOWN, TYPICAL
- ④ PROTECT IN PLACE EXISTING UTILITY POLE
- ⑤ SAWCUT EXISTING SURFACE TO LIMITS OF CONCRETE AND ASPHALT REMOVAL, TYPICAL. SAWCUTTING APPURTENANT TO OTHER WORK.
- ⑥ REMOVE EXISTING TREE
- ⑦ EXISTING MAILBOX. PROTECT IN PLACE OR REMOVE AND REINSTALL.
- ⑧ EXISTING SIGN. PROTECT IN PLACE OR REMOVE AND REINSTALL.
- ⑨ REMOVE EXISTING FENCE TO LIMITS SHOWN.

NOTE:
ALL ITEMS NOT SHOWN TO BE REMOVED ARE TO BE PROTECTED IN PLACE AS NECESSARY TO PREVENT DAMAGE.

DEMOLITION LEGEND



NOTE: FEATURES SHOWN IN BOLD ARE TO BE REMOVED. FEATURES SHOWN AS FADED ARE TO REMAIN.



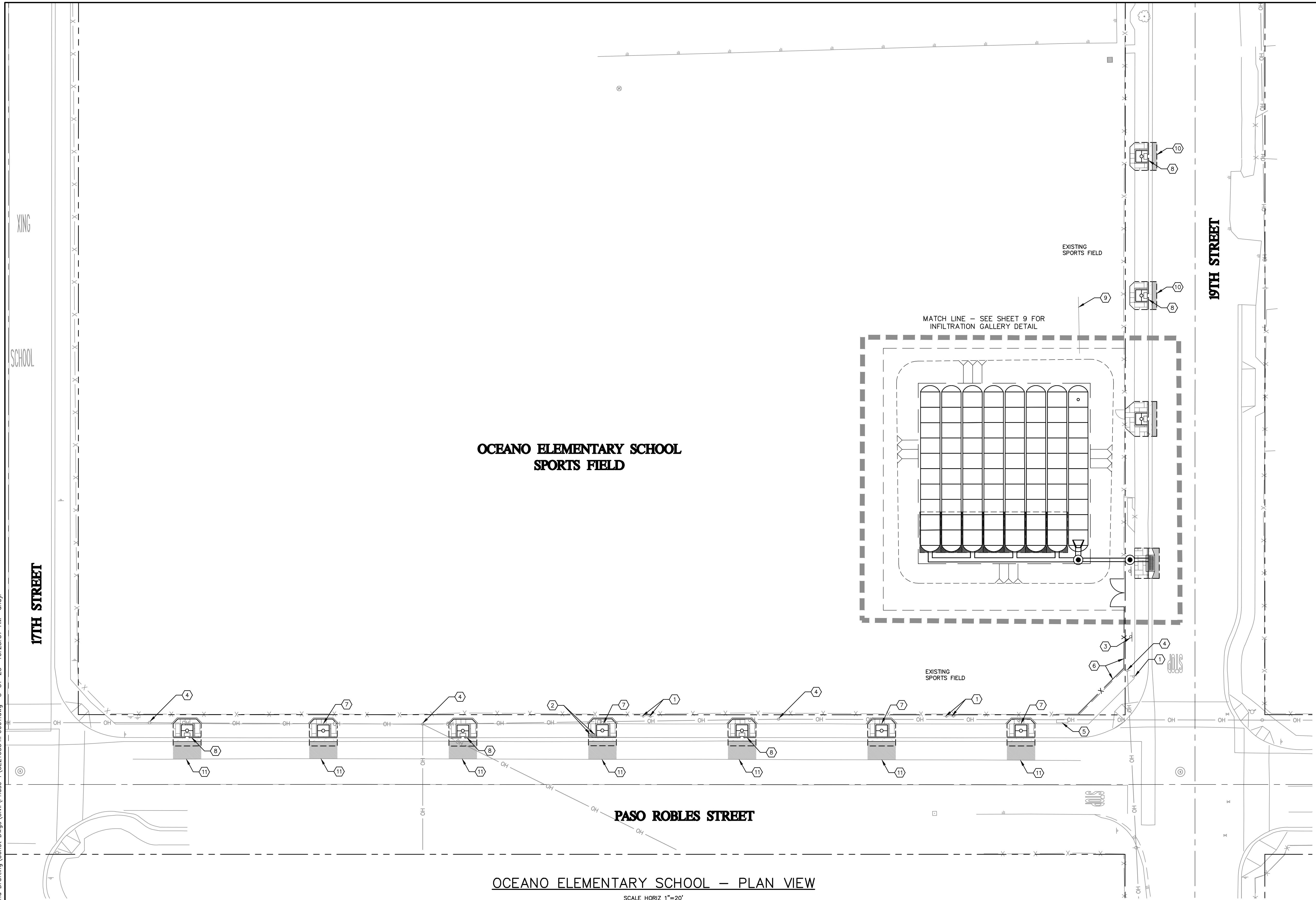
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DEMOLITION PLAN		
OCEANO, CA		
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GENERAL NOTES

1. ALL IMPROVEMENTS NOT CALLED OUT TO BE REMOVED, RELOCATED, OR RECONSTRUCTED SHALL REMAIN AND BE PROTECTED IN PLACE.
2. 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.

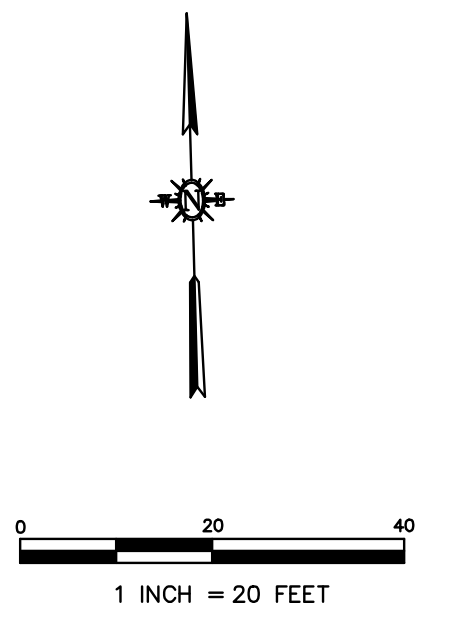
CONSTRUCTION NOTES

- 1 PROTECT IN PLACE OR REMOVE AND REINSTALL EXISTING SIGN.
- 2 EXISTING MAILBOX. PROTECT IN PLACE OR REMOVE AND REINSTALL.
- 3 SEE LANDSCAPE PLANS FOR CONSTRUCTION FUNDING SIGNAGE.
- 4 PROTECT IN PLACE EXISTING UTILITY POLE.
- 5 PROTECT IN PLACE EXISTING UTILITY BOX.
- 6 6' CHAIN-LINK FENCE PER CALTRANS STANDARD PLAN AB5.
- 7 STANDARD TREE WELL PER DETAIL 1, SHEET 3.
- 8 INFILTRATION TREE WELL PER DETAIL 2, SHEET 3.
- 9 PROTECT IN PLACE EXISTING GOAL POSTS TO REMAIN.
- 10 ASPHALT PAVE-OUT PER SLO COUNTY STD DWG R-2A, SHEET 4 AND DETAIL 3, SHEET 3.
- 11 ASPHALT PAVE-OUT PER SLO COUNTY STD DWG R-2A, SHEET 4 AND DETAIL 3, SHEET 3. GRIND TO EDGE OF TRAVELED WAY (ETW).

**OCEANO ELEMENTARY SCHOOL
SPORTS FIELD**

OCEANO ELEMENTARY SCHOOL – PLAN VIEW

SCALE HORIZ 1"=20'



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**OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS
SURFACE IMPROVEMENT PLAN**

OCEANO, CA

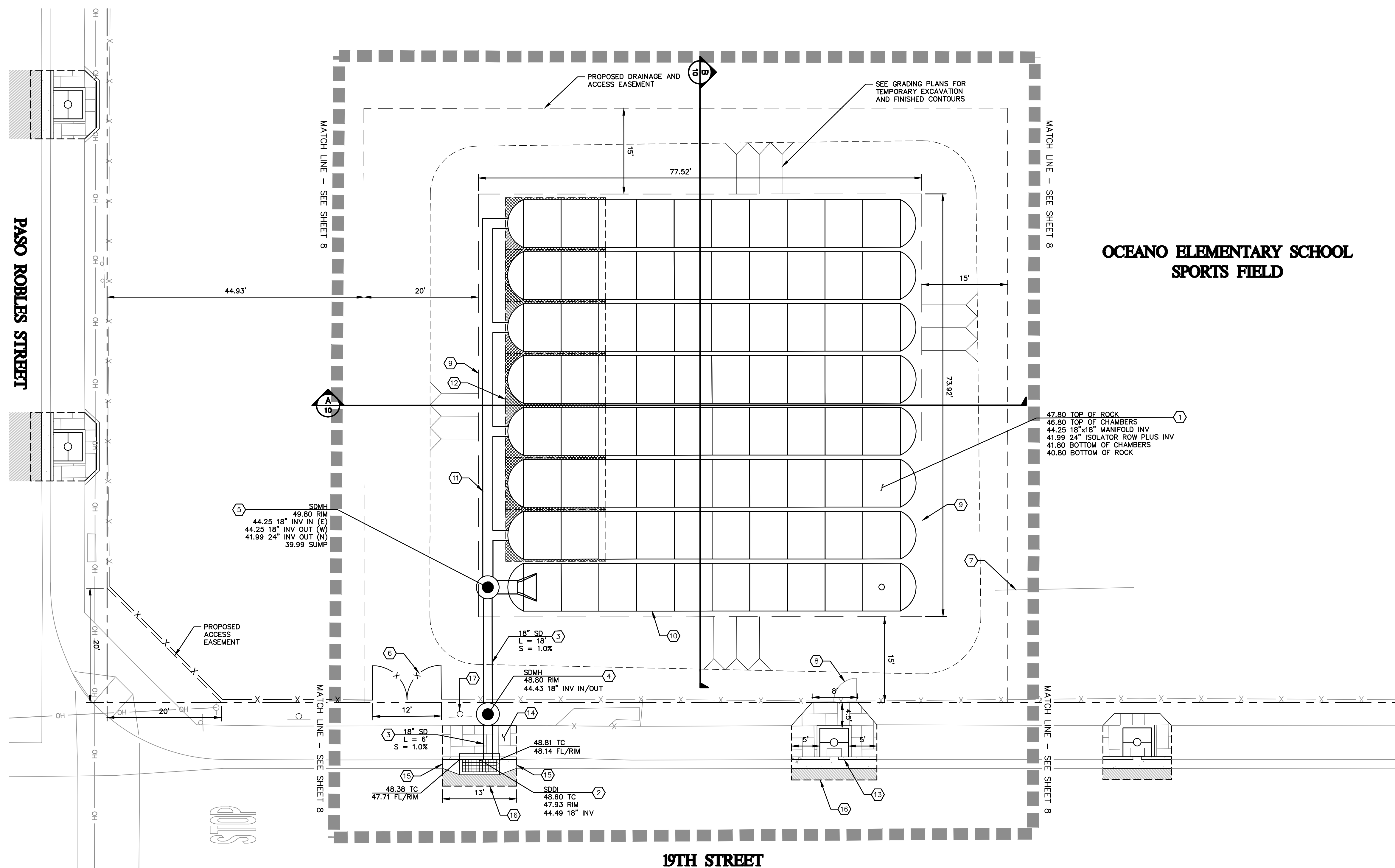
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GENERAL NOTES

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2. 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.

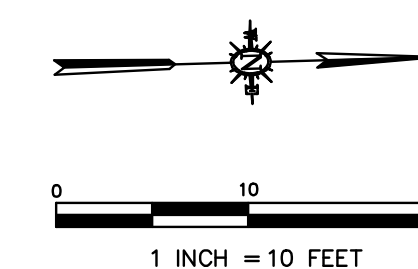
CONSTRUCTION NOTES

1. STORMTECH MC-7200 INFILTRATION CHAMBER GALLERY SYSTEM PER DETAILS ON SHEETS 5 AND 6, OR APPROVED EQUAL. INSTALL PER MANUFACTURER INSTRUCTIONS.
2. CURB INLET CATCH BASIN PER SLO COUNTY STD DRAWING D-2, SHEET 4. DETAIL WIDTH MODIFIED TO 6' AT INSIDE WALLS OF CATCH BASIN.
3. 18" HDPE SMOOTH INNER WALL STORM DRAIN PIPE
4. BARRACUDA MAX SB HYDRODYNAMIC SEPARATOR, OR APPROVED EQUAL. INSTALL PER DETAILS ON SHEETS 5 AND 6. MANHOLE PER SLO COUNTY STD DRAWING D-3, SHEET 4.
5. 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.
8. 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" MANHOLE PIPE PER DETAILS ON SHEETS 5 AND 6. INSTALL PER MANUFACTURER INSTRUCTIONS.
12. 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.
15. JOIN NEW CONCRETE TO EXISTING PER SLO COUNTY STD DWG R-4, SHEET 4.
16. ASPHALT PAVE-OUT PER SLO COUNTY STD DWG R-2A, SHEET 4 AND DETAIL 3, SHEET 3.
17. SEE LANDSCAPE PLANS FOR INTERPRETIVE SIGNAGE.



INFILTRATION GALLERY — PLAN VIEW

SCALE HORIZ 1"=10'



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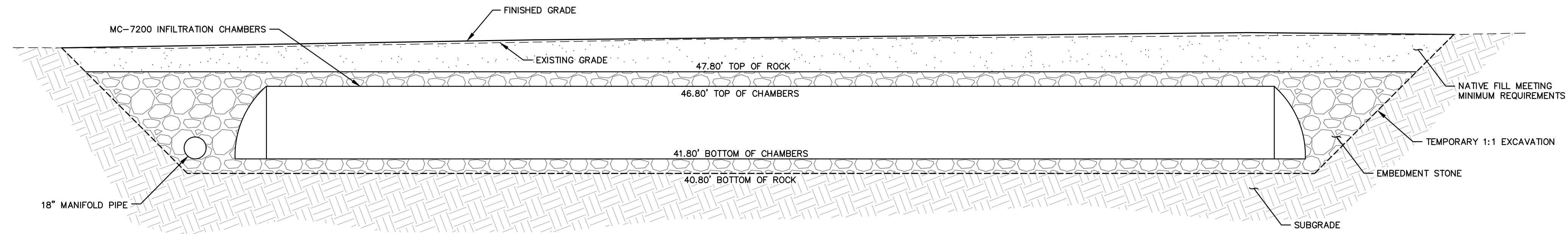
**OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS
STORMWATER INFILTRATION GALLERY**

OCEANO, CA

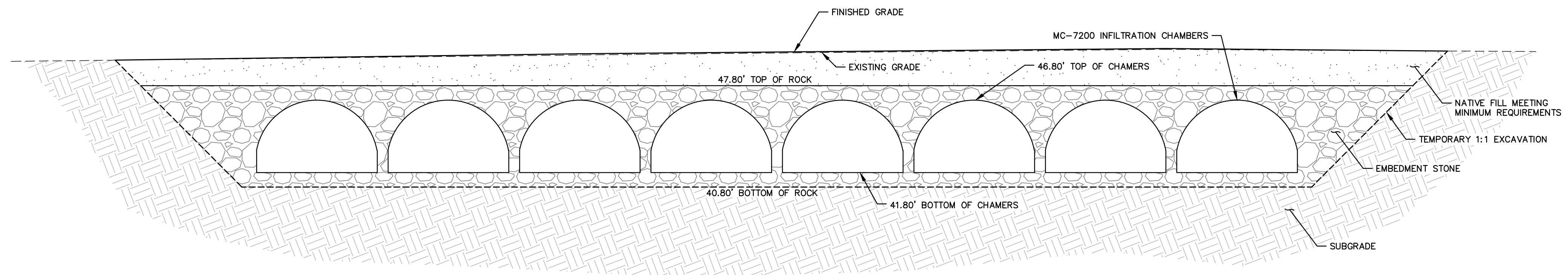
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INFILTRATION CHAMBER SECTION
SHEET 9 (A)



INFILTRATION CHAMBER SECTION
SHEET 9 (B)



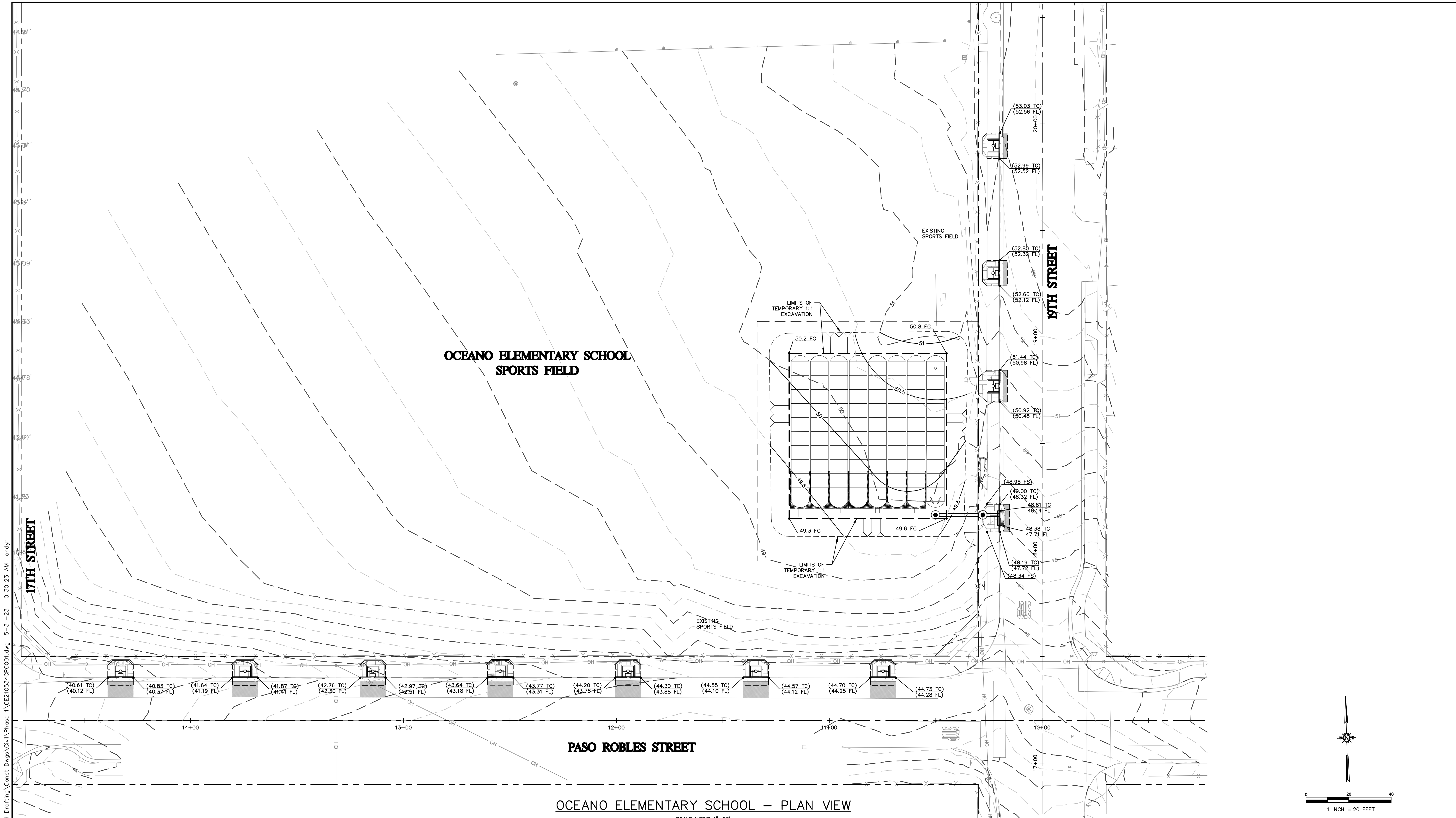
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OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS SITE CROSS-SECTIONS OCEANO, CA		
DRAWN BY AR	DATE 05/31/2023	CA JOB NO. 210534
CHECKED BY	SCALE AS SHOWN	SHEET 10 OF 29

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OCEANO ELEMENTARY SCHOOL
SPORTS FIELD

PASO ROBLES STREET

19TH STREET

17TH STREET

OCEANO ELEMENTARY SCHOOL – PLAN VIEW

SCALE HORIZ 1"=20'



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OCEANO ELEMENTARY SCHOOL INFILTRATION & FRONTAGE IMPROVEMENTS		
GRADING PLAN		
OCEANO, CA		
DRAWN BY AR	DATE 05/31/2023	CA JOB NO. 210534
CHECKED BY	SCALE 1" = 20'	SHEET 12 OF 29

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 MICROSTACHYUS) 5 LBS/AC
 TOMCAT CLOVER (TRIFOLIUM WILDENOVII) 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.

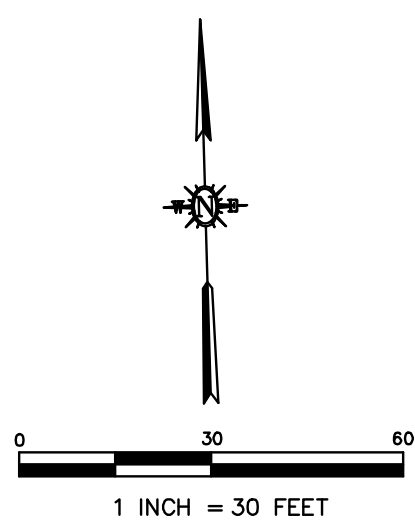
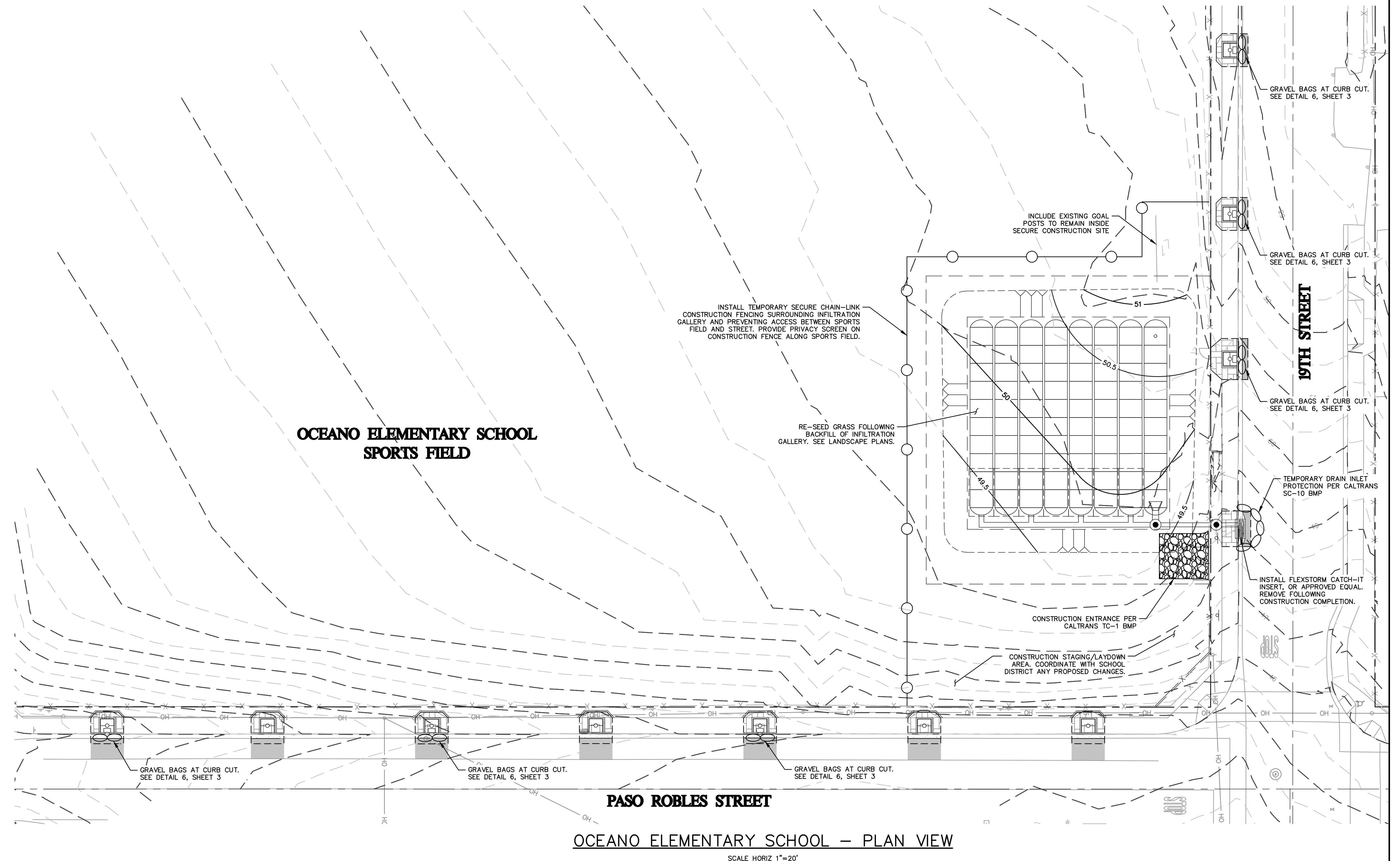
K. THE COUNTY AIR POLLUTION CONTROL DISTRICT (APCD) MAY HAVE ADDITIONAL PROJECT SPECIFIC EROSION CONTROL REQUIREMENTS. THE CONTRACTOR, DEVELOPER, AND ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAINTAINING SELF-REGULATION OF THESE REQUIREMENTS.

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



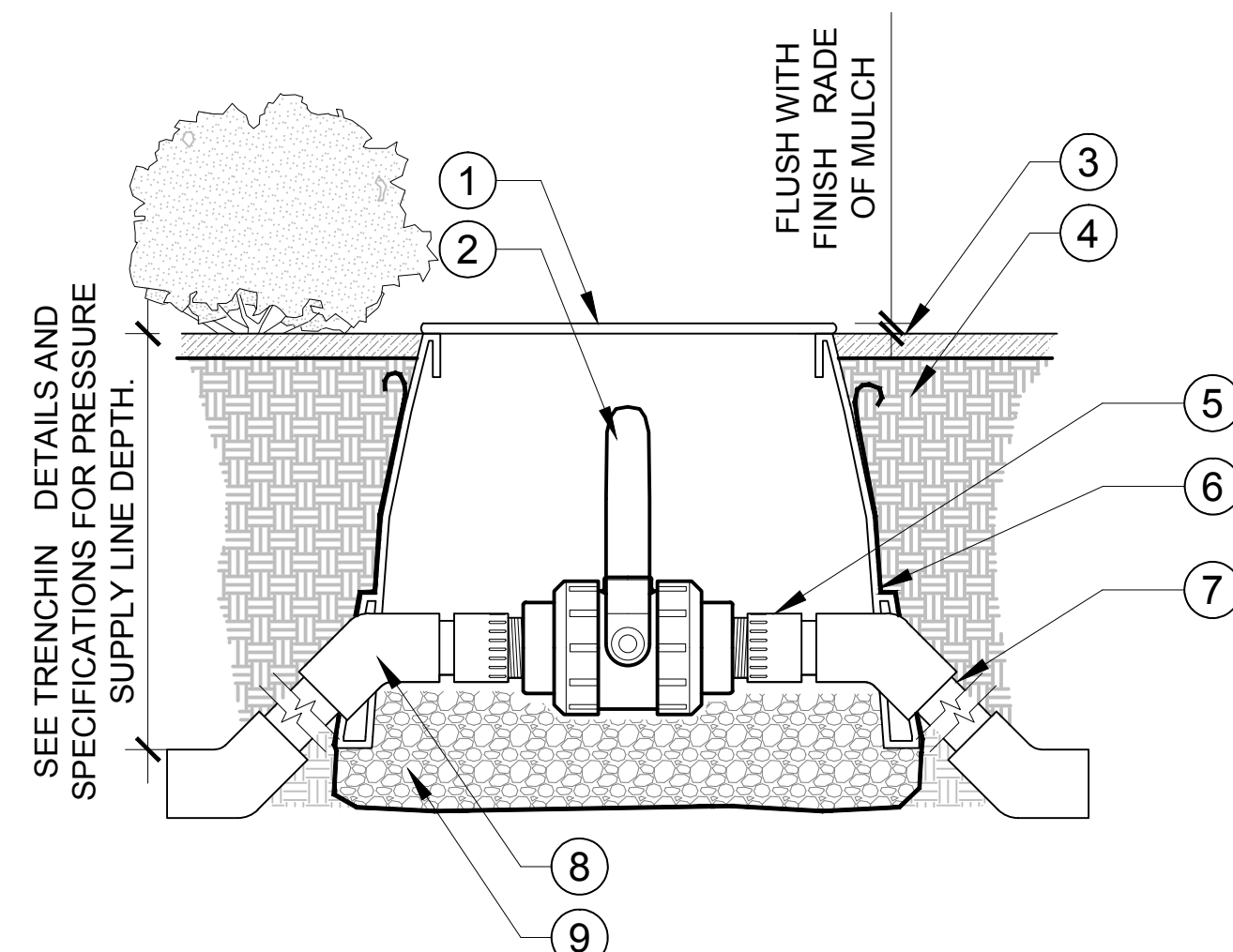
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1	07/10/23	ISSUED FOR BID		AR	JE	JE

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EROSION CONTROL & SITE ACCESS PLAN
 OCEANO, CA

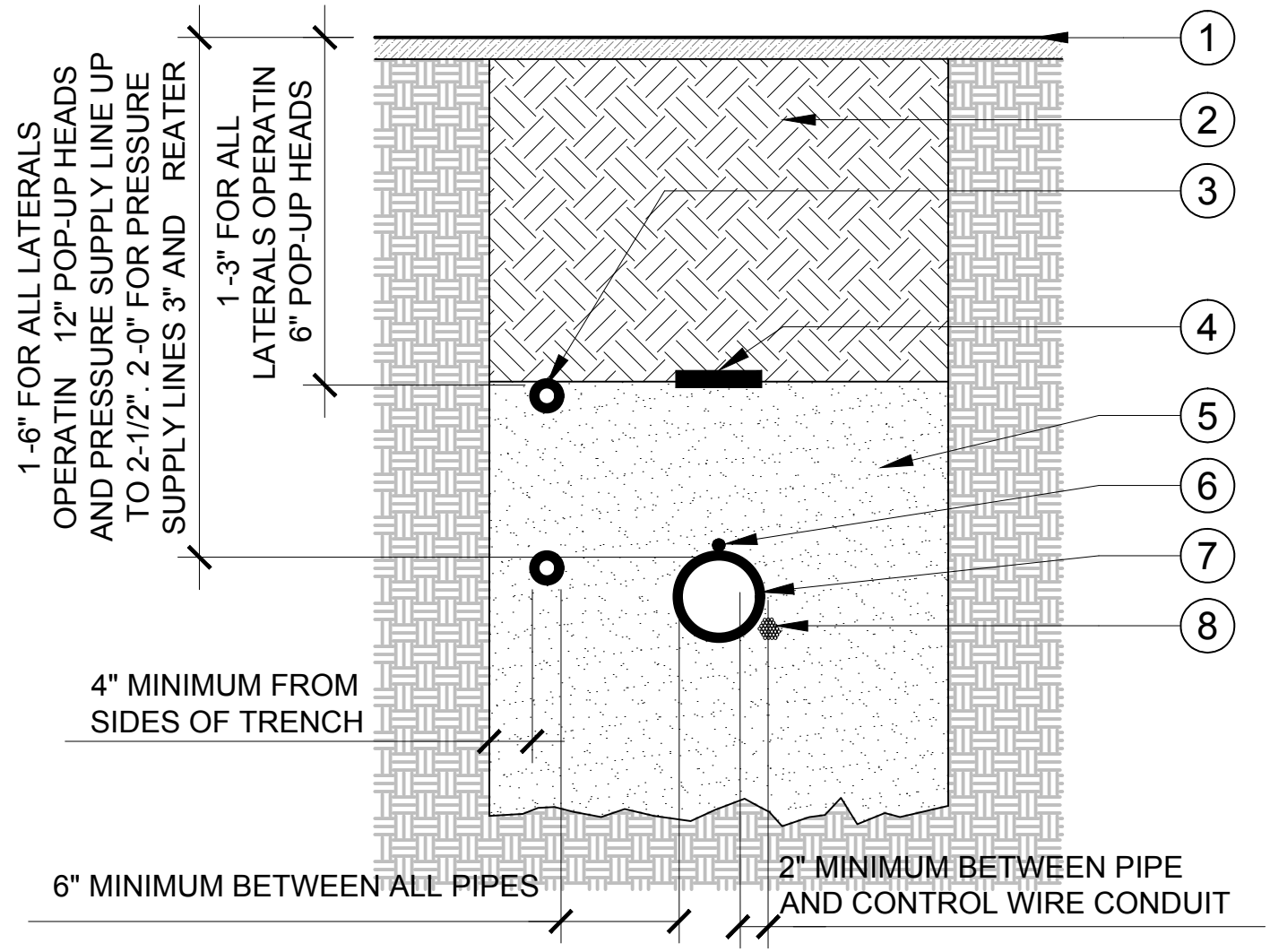
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AR	05/31/2023	210534
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	1" = 20'	13 OF 29

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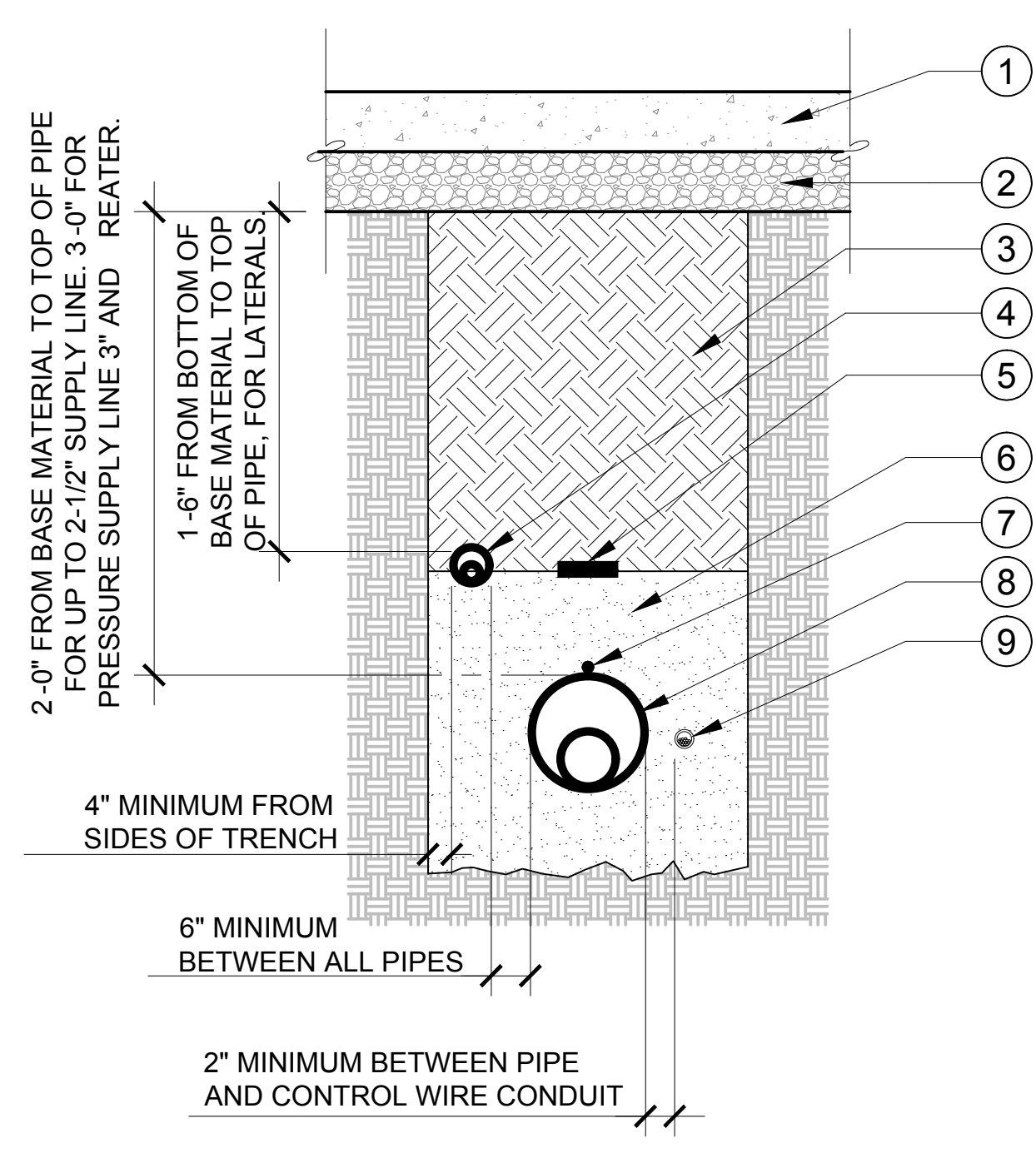
- LE END**
- ① 10" DIA. ROUND AL E BO WITH LID, SEE SPECIFICATIONS (DO NOT CUT ADDITIONAL HOLES IN BO)
 - ② ISOLATION BALL AL E. REFER TO LE END
 - ③ FINISH RADE OF MULCH
 - ④ BACKFILL MATERIAL
 - ⑤ P C SCH 80 MALE ADAPTER, MIPT SLIP, LINE/ AL E SI E
 - ⑥ FILTER FABRIC (MIRAFI 140N), WRAP 1 LAYER AROUND BO , CO ERIN HOLES
 - ⑦ PURPLE PRESSURE SUPPLY LINE LEN TH AS RE UIED. REFER TO LE END FOR CLASS
 - ⑧ P C SCH 80, 45 DE REE ELLS. (4) RE UIED
 - ⑨ 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:**
1. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

A ISOLATION BALL VALVE SECTION SCALE: N.T.S.



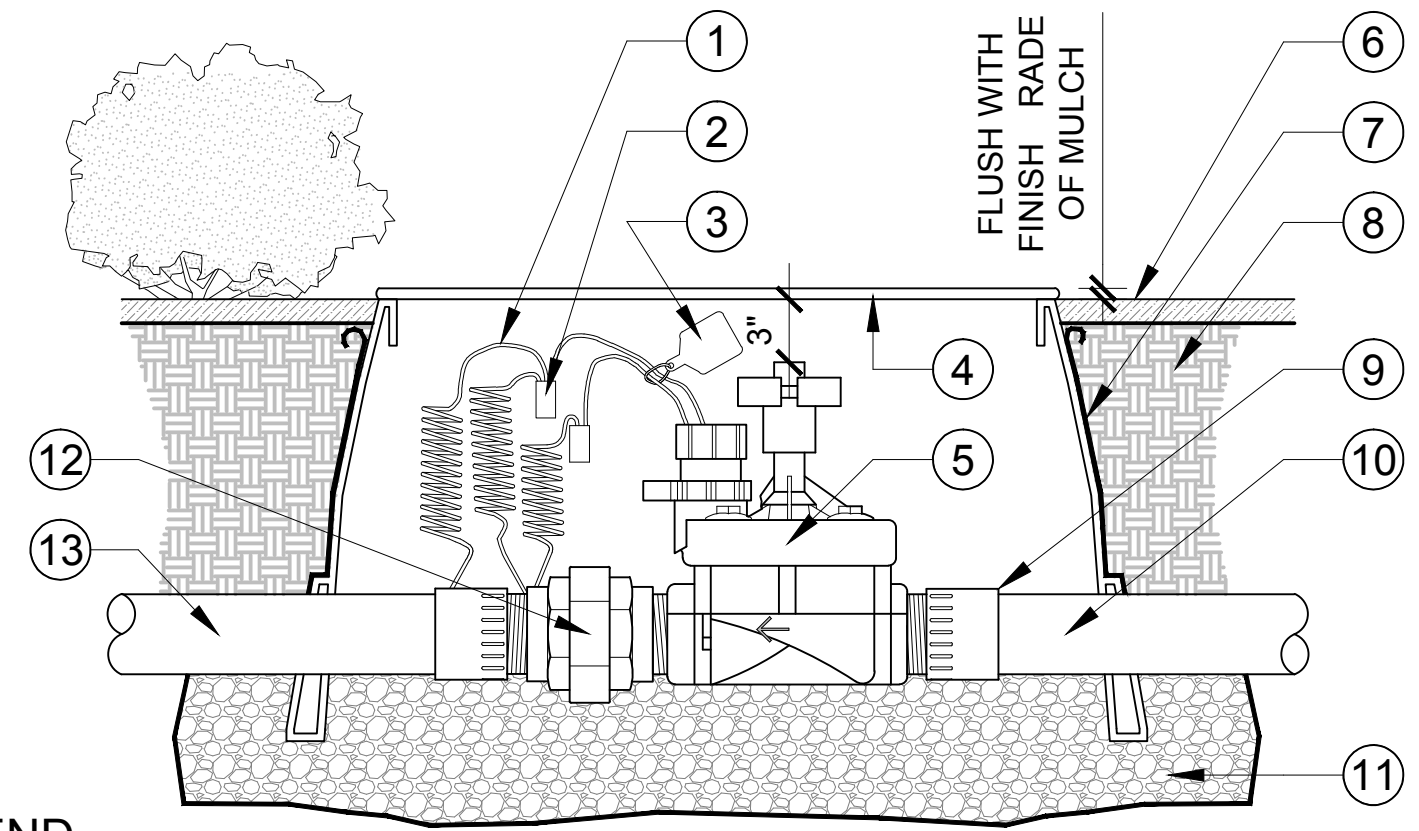
- LE END**
- ① FINISH RADE
 - ② BACKFILL MATERIAL. FREE FROM ALL ROCK AND DEBRIS GREATER THAN ONE INCH
 - ③ PURPLE NON-PRESSURE LATERAL LINE FOR RISERS OUTLET P C PIPE, AND POP-UPS 6" OR LESS. SEE LE END FOR CLASS, REFER TO PLAN FOR SI E
 - ④ 3" DETECTABLE MARKIN TAPE (PURPLE).
 - ⑤ SAND BACKFILL MATERIAL. FREE FROM ALL ROCK AND DEBRIS GREATER THAN ONE HALF INCH. 6" ABO E AND 6" BELOW PRESSURE SUPPLY LINE
 - ⑥ 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.

B TRENCH IN LANDSCAPE SECTION SCALE: N.T.S.



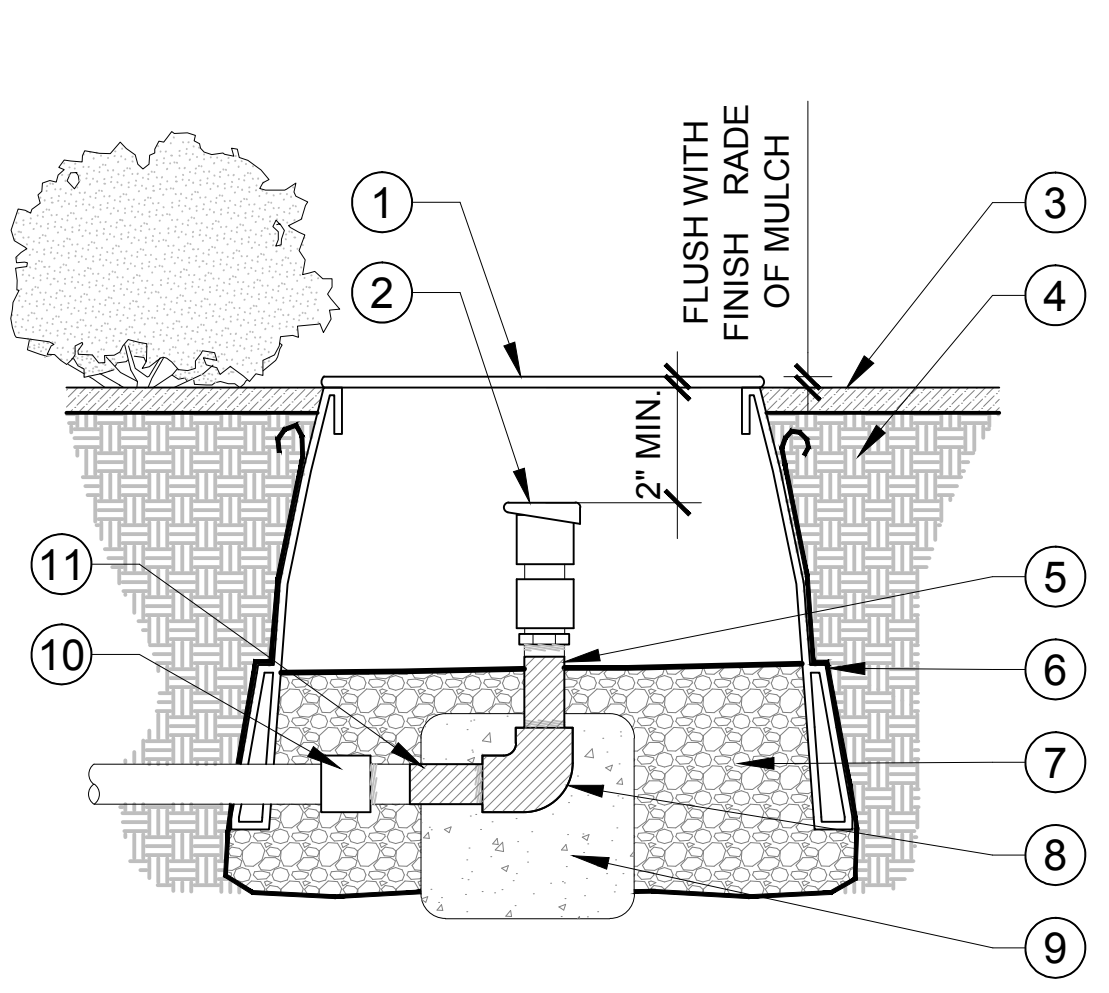
- LE END**
- ① HARDSCAPE MATERIAL
 - ② BASE MATERIAL
 - ③ BACKFILL MATERIAL. FREE FROM ALL ROCK AND DEBRIS GREATER THAN ONE INCH SI E.
 - ④ NON-PRESSURE LATERAL LINE (PURPLE) IN P C SCH 40 SLEE E (PURPLE) MINIMUM TWICE THE DIAMETER OF THE LINE RUNNIN THROU H. ALL LATERAL LINES SHALL BE AT THE SAME DEPTH UNDER HARDSCAPE
 - ⑤ 3" DETECTABLE MARKIN TAPE (PURPLE).
 - ⑥ BACKFILL SAND FREE FROM ALL ROCK AND DEBRIS GREATER THAN ONE-HALF INCH SI E. 6" ABO E AND 6" BELOW PRESSURE SUPPLY LINE
 - ⑦ 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
 - ⑨ SCH 40 P C ELECTRICAL CONDUIT FOR ALL IRRI ATION WIRES. SEE LE END FOR CLASS, REFER TO SPECIFICATIONS FOR SI ES

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



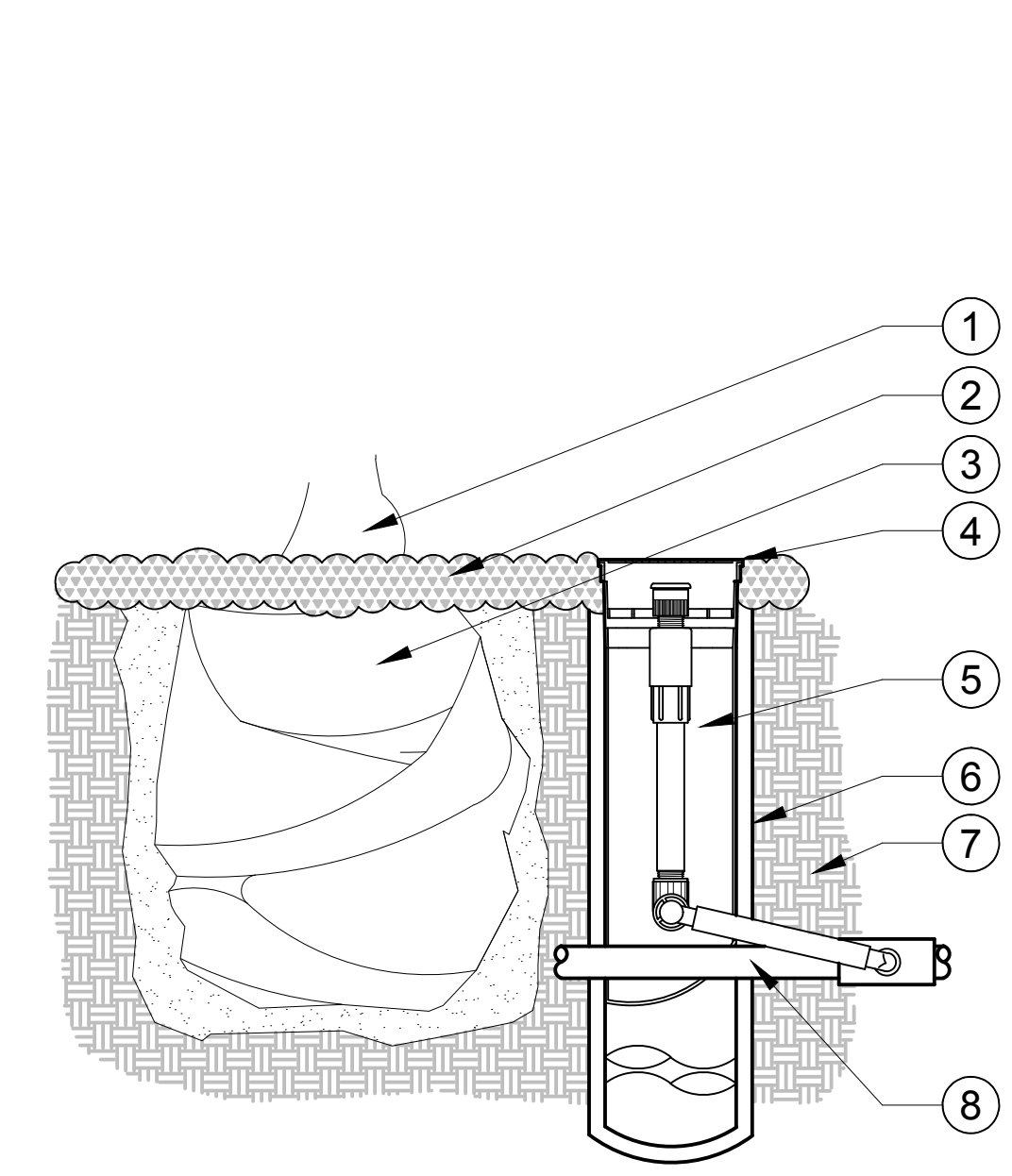
- LE END**
- ① CONTROL WIRE W/ 24" COILED E PANSION LOOP
 - ② WATERPROOF WIRE CONNECTOR
 - ③ WATER AL E I.D. TA . (THREAD NYLON TIE THROU H HOLE IN TA)
 - ④ RECTAN ULAR AL E BO WITH LID, SEE SPECIFICATIONS (DO NOT CUT ADDITIONAL HOLES IN BO)
 - ⑤ CONTROL AL E PER LE END, SI E PER PLAN
 - ⑥ FINISH RADE OF MULCH
 - ⑦ FILTER FABRIC (MIRAFI 140N), WRAP 1 LAYER AROUND BO , CO ERIN HOLES
 - ⑧ BACKFILL MATERIAL
 - ⑨ P C SCH 80 MALE ADAPTER, 2 RE UIED.
 - ⑩ PURPLE PRESSURE SUPPLY LINE FROM MANIFOLD
 - ⑪ 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.

D REMOTE CONTROL VALVE SECTION SCALE: N.T.S.



- LE END**
- ① AL E BO WITH LID, SEE SPECIFICATIONS (DO NOT CUT ADDITIONAL HOLES IN BO)
 - ② UICK COUPLIN AL E, PURPLE CAP. REFER TO LE END.
 - ③ FINISH RADE OF MULCH
 - ④ BACKFILL MATERIAL
 - ⑤ THREADED BRASS PIPE RISER. LEN TH AS RE UIED, WRAP WITH P C TAPE
 - ⑥ FILTER FABRIC (MIRAFI 140N, OR APPRO ED E UAL), WRAP 1 LAYER AROUND BO , CO ERIN HOLES
 - ⑦ 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.
 - ⑪ THREADED BRASS NIPPLE. LEN TH AS RE UIED, WRAP WITH P C TAPE
- NOTES:**
A. USE TEFLON TAPE ON ALL THREADED CONNECTIONS
B. PRO IDE TWO (2) WRAPS (WITH 1/4" O ERLAP) BLACK P C ADHESI E TO ALL BRASS E POSED TO CEMENT.

E QUICK COUPLING VALVE SECTION SCALE: N.T.S.



- LE END**
- ① TREE PER PLANTIN DETAILS
 - ② MULCH MATERIAL PER PLANTIN PLANS
 - ③ TREE ROOTBALL AND PLANTIN BACKFILL
 - ④ TOP OF PURPLE RATE FLUSH WITH FINISH RADE
 - ⑤ PRE-ASSEMBLED DEEP WATERIN TUBE. REFER TO LE END FOR MODEL NUMBER
 - ⑥ FILTER FABRIC SLEE E FILLED WITH SANDY BACKFILL SOIL
 - ⑦ E ISTIN SUB- RADE
 - ⑧ PURPLE P C LATERAL LINE. SEE PLANS FOR SI E AND CLASS
- NOTE:**
1. POSITION UNITS SPACED E ENLY AROUND PLANTIN PIT. NOT TO E CEED 12" FROM ED E OF ROOTBALL

F TREE BUBBLER ASSEMBLY SECTION SCALE: N.T.S.



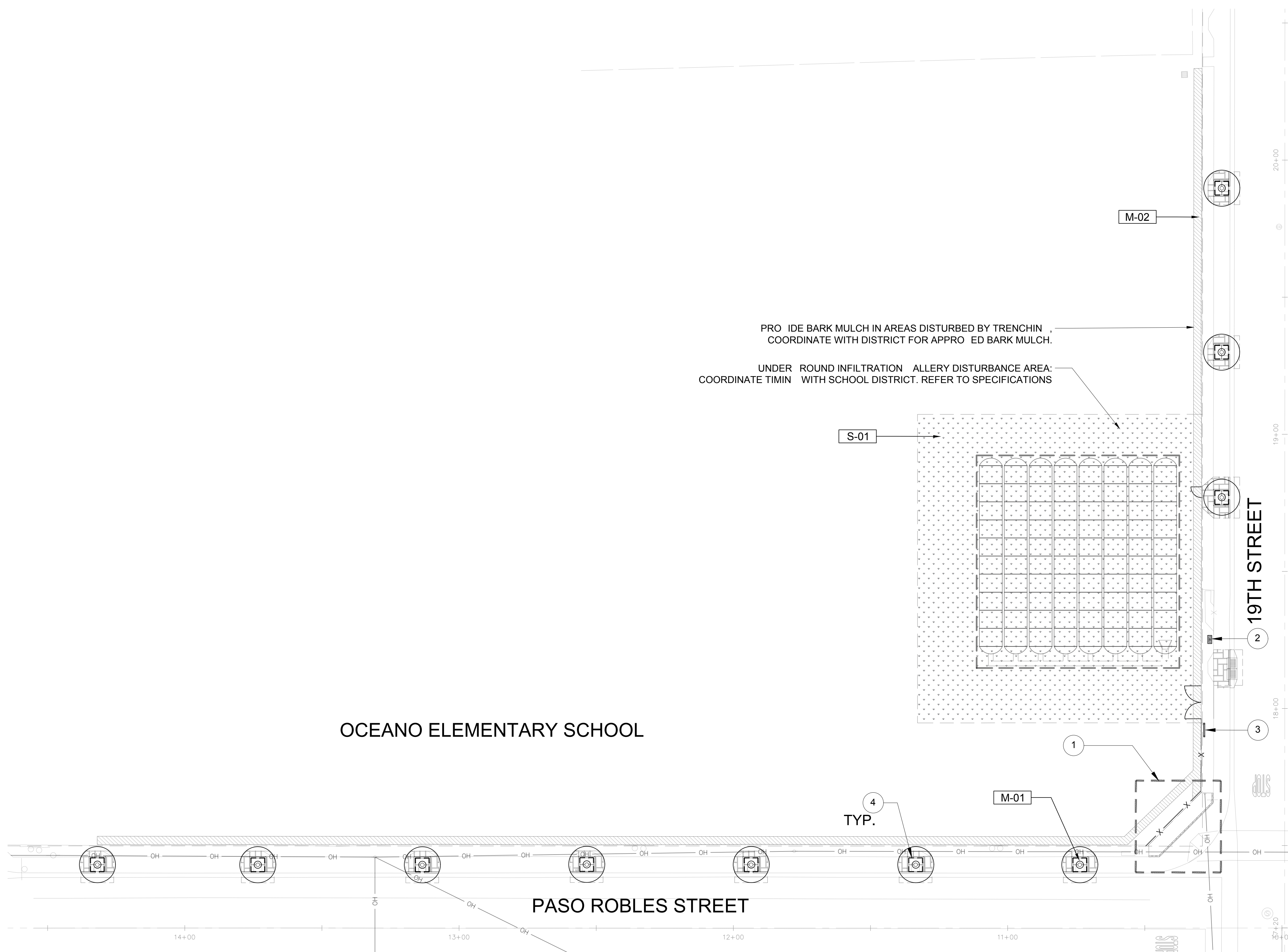
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IRRIGATION DETAILS LI-3.0 OCEANO, CA		
DRAWN BY DJ	DATE 5/19/2023	CA JOB NO. 210534
CHECKED BY	SCALE	SHEET 16 OF 29

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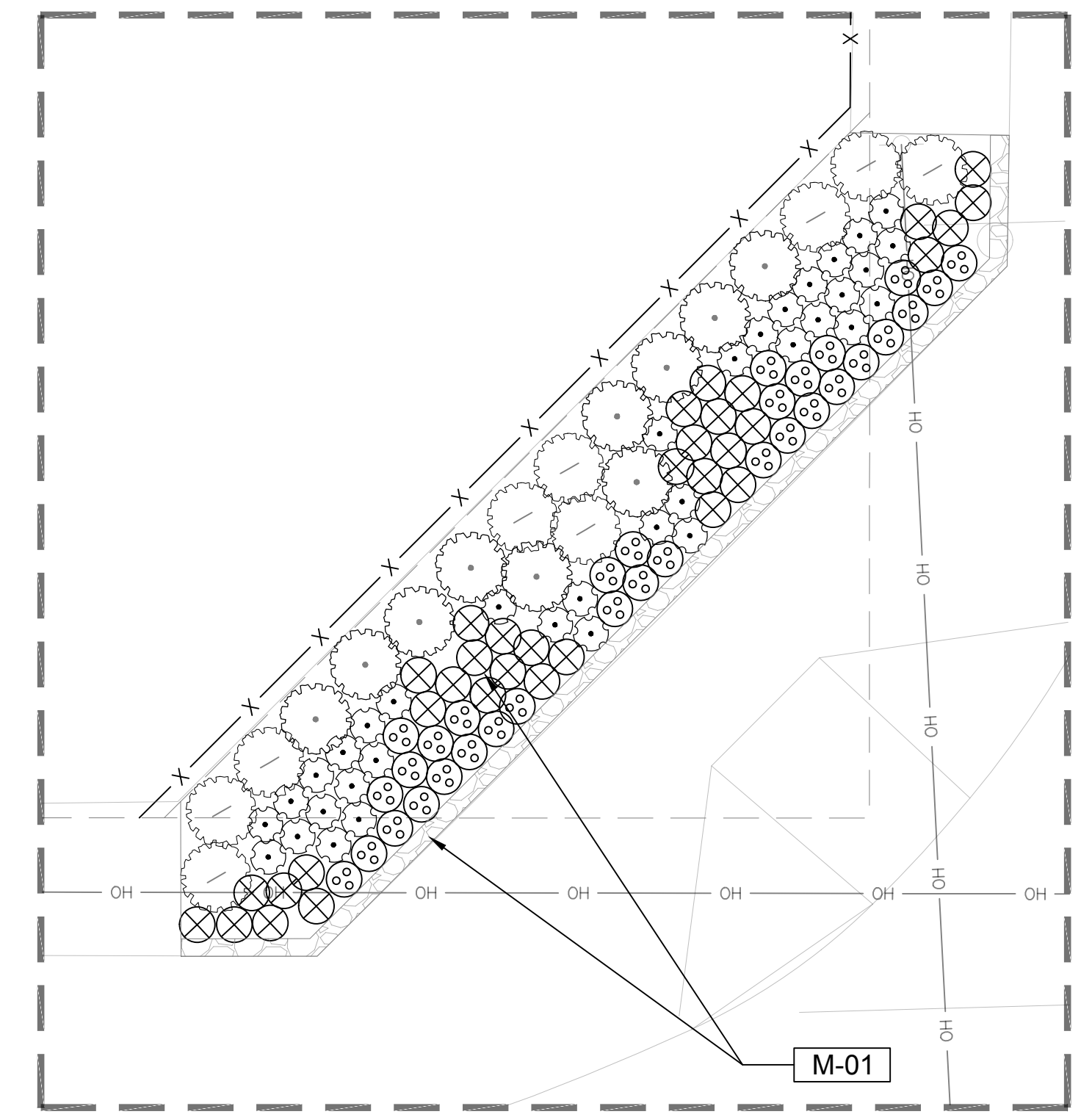
PLANT SCHEDULE (PARTIAL)			
TREES	CODE	BOTANICAL / COMMON NAME	TY
	CER OCC	CERCIS OCCIDENTALIS STD / WESTERN REDBUD	10
SHRUBS	CODE	BOTANICAL / COMMON NAME	TY
	ACH APP	ACHILLEA MILLEFOLIUM APPLE BLOSSOM / APPLE BLOSSOM COMMON YARROW	9
	ACH SCS	ACHILLEA MILLEFOLIUM SONOMA COAST SONOMA COAST COMMON YARROW	10
	ESC CAL	ESCHSCHOLIA CALIFORNICA ORANGE KIN / ORANGE KIN CALIFORNIA POPPY	32
	FES IDA	FESTUCA IDAHOENSIS / IDAHO FESCUE	34
	LUP ALB	LUPINUS ALBRIFRONS AR. COLLINUS / DWARF SILVER BUSH LUPINE	35

SHEET NOTES

- REFER TO SHEET LP-2.0 FOR FULL PLANT AND SOIL LEADS.
- APPLY PEAGRASS MULCH IN ALL PLANTER AREAS.

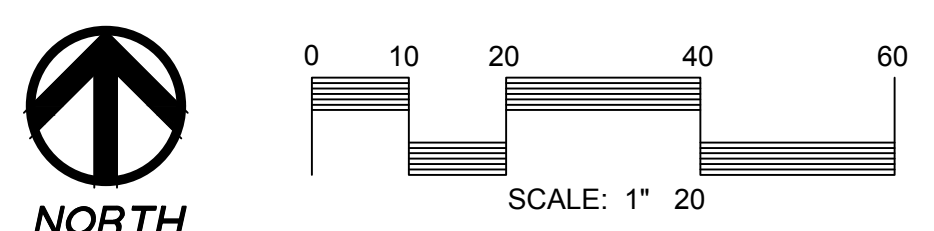
KEY NOTES

1	REFER TO ENLARGEMENT A THIS SHEET FOR SHRUBS AND ROUND CORNER IN THIS LOCATION.
2	INTERPRET SIGN: REFER TO DETAIL A,B / SHEET LP-4.0
3	CONSTRUCTION SIGN: REFER TO DETAIL C,D / SHEET LP-4.0
4	ROOT BARRIER, REFER TO DETAIL B, SHEET LP-3.0



A PLANTING ENLARGEMENT
SCALE: 1/4" = 1'-0"

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OCEANO ELEMENTARY SCHOOL
INFILTRATION & FRONTAGE IMPROVEMENTS

PLANTING PLAN
LP-1.0
OCEANO, CA

DRAWN BY DJ	DATE 5/19/2023	CA JOB NO. 210534
CHECKED BY	SCALE	SHEET 18 OF 29

PLANTING NOTES:

- ALL FINISH GRADING AND LANDSCAPE OPERATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT DRAWINGS, DETAILS, AND PROJECT SPECIFICATIONS. REFER TO PROJECT SPECIFICATIONS FOR ALL PLANTING REQUIREMENTS.
- SEE SHEET LP-3.0 FOR PLANTING DETAILS. SEE LANDSCAPE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AND THE LANDSCAPE ARCHITECT IMMEDIATELY OF ANY CHANGED CONDITIONS WHICH OCCUR ON PROJECT SITE WHICH ARE NOT REFLECTED ON PLANS.
- REMOVE ALL WEEDS, DEBRIS, AND ROCKS LARGER THAN ONE-HALF-INCH (1/2") FROM ALL PLANTING AREAS, AND DISPOSE OF APPROPRIATELY OFF-SITE.
- FINISH GRADE OF SOIL SHALL BE TWO (2") BELOW ADJACENT FINISH PAVEMENT SURFACE OR CURB IN SHRUB AND ROUNDCOVER AREAS ACCEPTED IN RECESSED BIORETENTION AREAS.
- CONTRACTOR SHALL INSTALL A THREE (3") LAYER OF ROCK/COBBLE MULCH IN ALL SHRUB AND ROUNDCOVER AREAS WITH SLOPES LESS THAN 3:1 RADIANT. SUBMIT SAMPLE FOR APPROVAL BY RESIDENT ENGINEER AND LANDSCAPE ARCHITECT. REFER TO SPECIFICATIONS.
- ALL SLOPES 2:1 OR GREATER ARE TO BE STABILIZED WITH JUTE MESH PRIOR TO PLANTING. DO NOT INSTALL JUTE MESH ON SEEDED SLOPES. REFER TO SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE ELECTRONIC PHOTOGRAPHS OF ALL TREES FOR APPROVAL, PRIOR TO PURCHASE AND INSTALLATION. REFER TO SPECIFICATIONS.
- TREE LOCATIONS MAY BE ADJUSTED TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES. CONSULT WITH LANDSCAPE ARCHITECT OR RESIDENT ENGINEER PRIOR TO ADJUSTMENT OF TREE LOCATIONS.
- CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER AT THE TIME OF DELIVERY OF ANY PLANT MATERIAL WHICH HAS BEEN DAMAGED OR IS IN POOR CONDITION. THE RESIDENT ENGINEER SHALL DETERMINE ACCEPTABILITY OF SUBJECT PLANT MATERIAL.
- PLANT MATERIAL SHALL BE INSPECTED BY THE RESIDENT ENGINEER OR LANDSCAPE ARCHITECT BEFORE PLANTING. PLANT MATERIAL MAY BE REJECTED AT ANY TIME BY THE RESIDENT ENGINEER OR LANDSCAPE ARCHITECT DUE TO POOR CONDITION, FORM, OR DAMAGE PRIOR TO, DURING, OR AFTER THE PLANTING PROCESS.
- AT LEAST ONE PLANT OF EACH SPECIES DELIVERED TO THE SITE SHALL HAVE AN IDENTIFICATION TAG FROM THE SUPPLYING NURSERY SHOWING BOTH COMMON AND SCIENTIFIC NAMES.
- THE PLANTING PLANS ARE DETERMINISTIC. PLANT MATERIALS SHALL BE SPOTTED AS SHOWN ON THE DRAWINGS. TREE LOCATIONS ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO THE DELIVERY OF PLANTING PITS AND REMOVAL FROM CONTAINERS. FINAL LAYOUT OF ALL OTHER PLANT MATERIALS SHALL BE APPROVED IN THE FIELD BY THE RESIDENT ENGINEER OR LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND SQUARE FEETAGES.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING PLANT MATERIALS SUFFICIENT TO COVER AREAS SHOWN ON THE DRAWINGS AT THE SPECIFIED SPACING.
- NURSERY STAKES ARE TO BE REMOVED AFTER PLANTING TREES AND INSTALLATION OF STAKING OR TYPING, AS SHOWN ON PLANS.
- CONTRACTOR SHALL SUBMIT AN AGRICULTURAL SUITABILITY AND FERTILITY ANALYSIS REPORT, AS NOTED IN THE PLANTING SPECIFICATIONS, TO THE LANDSCAPE ARCHITECT AND THE RESIDENT ENGINEER FOR APPROVAL PRIOR TO ANY PLANTING WORK OR SOIL AMENDMENT INCORPORATION. THE RECOMMENDATIONS OF THE SOILS ANALYSIS REPORT FOR TOPSOIL AMENDMENT AND BACKFILL MATERIAL AMENDMENT SHALL SUPERSEDE THE RECOMMENDATIONS LISTED IN THE SPECIFICATIONS.
- CONTRACTOR SHALL COORDINATE LANDSCAPE WORK WITH THE WORK OF OTHER TRADES AND PROFESSIONS. CONTRACTOR SHALL MAINTAIN PROPER DRAINAGE DURING THE COURSE OF CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF EXISTING PROPOSED UTILITIES WITHIN THE PROJECT LIMITS WHICH MAY BE AFFECTED BY INSTALLATION. IMMEDIATELY CONTACT THE LANDSCAPE ARCHITECT IF A CONFLICT IS IDENTIFIED.
- REMOVE ALL TYING MATERIALS, MARKING TAPES, AND NURSERY STAKES AT THE TIME OF PLANTING.
- CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND OTHER IMPROVEMENTS OUTSIDE THE LIMITS OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY DAMAGES INCURRED DURING CONSTRUCTION.

- THE MAINTENANCE PERIOD SHALL BE IN ONLY UPON WRITTEN ACCEPTANCE OF THE COMPLETED PLANTED AREAS BY THE LANDSCAPE ARCHITECT AND THE RESIDENT ENGINEER.
- PROVIDE MATCHING FORMS AND SPECIES FOR ALL PLANT MATERIAL WITHIN EACH SPECIES AND SPECIFIED BY THE DRAWINGS.
- ALLOW AND EQUALLY SPACE, IN ALL DIRECTIONS, ALL PLANT MATERIAL WITHIN EACH SPECIES SO SPECIFIED PER THESE NOTES AND DRAWINGS.
- FURNISH ALL DELIVERABLE SLIPS OF THE SPECIFIED AMENDMENTS TO THE CONSTRUCTION MANAGER SUPERVISOR AND LANDSCAPE ARCHITECT FOR REVIEW AFTER PLANT INSTALLATION. IF IT IS DETERMINED MORE AMOUNTS ARE NEEDED, CONTRACTOR WILL BE REQUIRED TO ADD INTO SOIL WITH OBSERVATION OR PROVIDE CREDIT BACK TO OWNER.
- ALL PLANTING AREAS SHALL BE GRADED TO HAVE POSITIVE DRAINAGE (2 MIN.) AWAY FROM THE BUILDING WALLS AND STRUCTURES AND TOWARDS AREA DRAINS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING LANDSCAPE WITHIN SCOPE AREA. ALL PLANTING WITHIN SCOPE OF WORK AREAS ARE TO BE KEPT FREE OF LITTER AND DEBRIS. ALL PLANTS SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION. ALL DISEASED OR DEAD PLANTS SHALL BE REPLACED IMMEDIATELY. REPLACE PLANTING SPECIES IF DAMAGED, WITH LIKE SPECIES, DURING CONSTRUCTION.
- CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REPLACEMENT OF ALL PLANTING SPECIES DURING IRRIGATION REPAIR OR PLANTING INSTALLATION.

MINIMUM TREE SEPARATION DISTANCE

IMPROVEMENT	MINIMUM DISTANCE TO STREET TREE
TRAFFIC SIGNAL, STOP SIGN	20 FEET
UNDERGROUND UTILITY LINES	5 FEET
SEWER LINES	10 FEET
ABOVEGROUND UTILITY STRUCTURES (TRANSFORMERS, HYDRANTS, UTILITY POLES, ETC)	10 FEET
DRIVEWAYS 10 FEET	
RESIDENTIAL STREETS RATED AT 25 MPH OR LOWER	5 FEET
INTERSECTIONS (INTERSECTING CURB LINES OF TWO STREETS)	25 FEET

PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	SIZE	WUCOLS	MIN HEIGHT	MIN WIDTH	TY	REMARKS	DETAIL
	CER OCC	CERCIS OCCIDENTALIS STD WESTERN REDBUD	36" BO	ERY LOW	11-13	5-6	10	MINIMUM BARE TRUNK HEIGHT 8FT PER COUNTY OF SAN LUIS OBISPO STANDARD DETAIL M-5.	A, B, D / LP-3.0
SHRUBS	CODE	BOTANICAL / COMMON NAME	SIZE	WUCOLS	MIN HEIGHT	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	C / LP-3.0
	ACH SCS	ACHILLEA MILLEFOLIUM SONOMA COAST SONOMA COAST COMMON YARROW	1 AL	LOW	0-6"	0-6"	10	REEN AND BUSHY	
	ESC CAL	ESCHSCHOLIA CALIFORNICA ORANGE KIN ORANGE KIN CALIFORNIA POPPY	4" POT	ERY LOW	0-4"	0-2"	32	FULL AND BUSHY, GOOD COLOR	
	FES IDA	FESTUCA IDAHOENSIS IDAHO FESCUE	4" POT	ERY LOW	0-4"	0-2"	34	FULL CLUMPS, GOOD COLOR	
	LUP ALB	LUPINUS ALBIFRONS DWARF SILVER BUSH LUPINE	4" POT	ERY LOW	0-4"	0-2"	35	FULL AND BUSHY, GOOD COLOR	

RASS SEED LEGEND

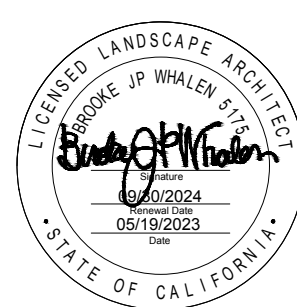
KEY	SYMBOL	SPECIES	APPLICATION	NOTES AND REMARKS	SUPPLIER INFORMATION	DETAIL
S-01		WHITTET-KIKUYU RASS -95% MINIMUM PURITY -80% MINIMUM GERMINATION	BROADCAST SEED AT A RATE OF 2 LBS PER 1000 SQUARE FEET WITHIN ENTIRE DISTURBANCE AREA OF EXISTING SPORTS LAWN.	REFER TO SPECIFICATIONS AND MANUFACTURER RECOMMENDATIONS.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

SITE MULCH LEGEND

KEY	SYMBOL	DESCRIPTION	COLOR AND FINISH	NOTES AND REMARKS	SUPPLIER INFORMATION	DETAIL
M-01		3/4" PEANUTS	CALIFORNIA OLD	3" MINIMUM LAYER, WITHIN ALL PLANTING 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	-



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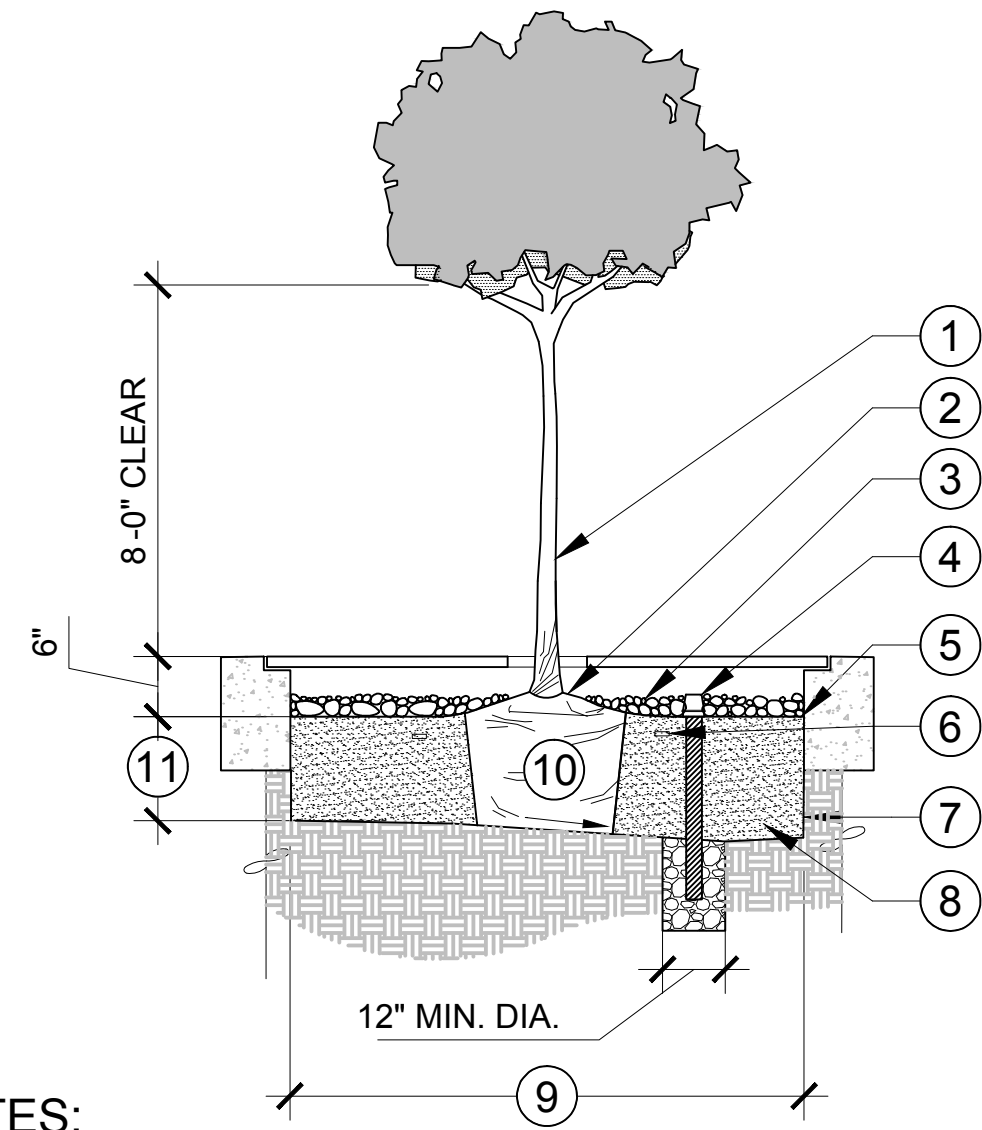
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PLANTING NOTES AND LEGEND
LP-2.0
 OCEANO, CA

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CHECKED BY	SCALE	SHEET 19 OF 29

Z:\2022\2022-046 19th Street Ocean\Construction Documents\Phase 1 CD\2022-046-LP.dwg 5-18-23 03:57:31 PM david

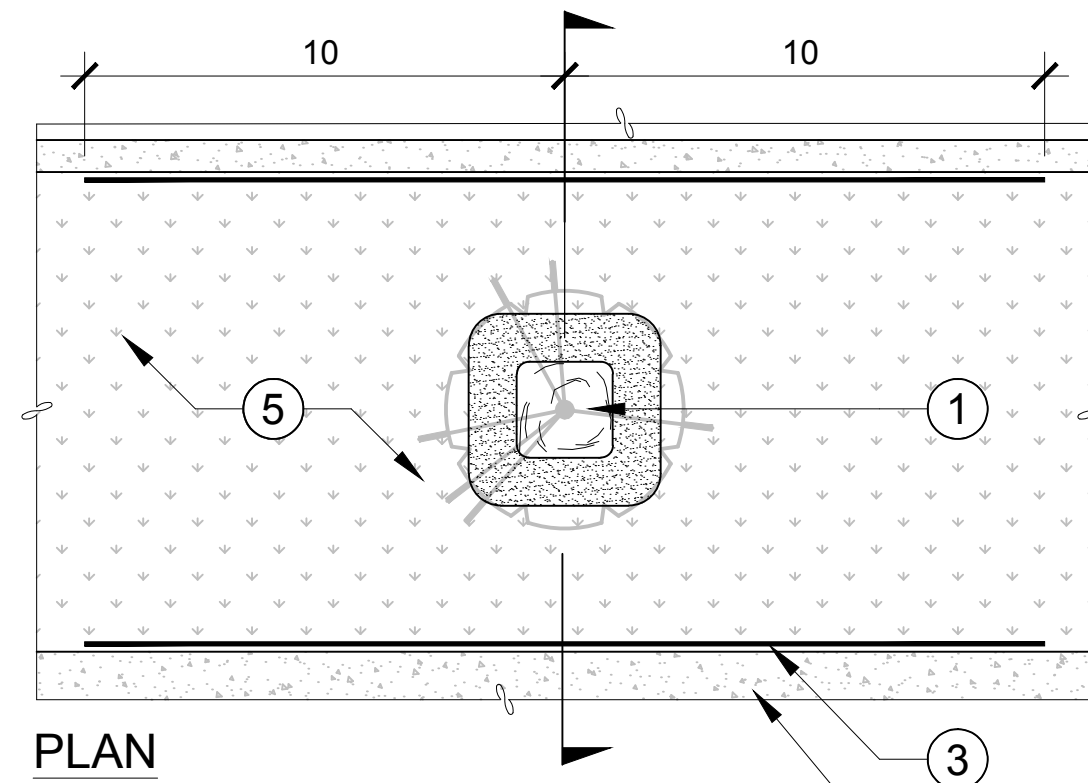


LE END

- ① TREE TRUNK
- ② TREE COLLAR (PLANT PER SPECS)
- ③ PEA GRAVEL MULCH, REFER TO LE END AND PLANTING NOTES FOR DEPTH AND TYPE
- ④ TREE OBSERVATION TUBE
- ⑤ FINISH GRADE
- ⑥ PLANT TABLETS (3" BELOW GRADE)
- ⑦ PLANTING PIT W/ ROUNDED SIDES
- ⑧ AMENDED BACKFILL MIX (PUDDLE AND SETTLE) REFER TO SPECIFICATIONS
- ⑨ WIDTH OF TREE WELL
- ⑩ ROOTBALL
- ⑪ DEPTH OF ROOTBALL

NOTES:

- A. REFER TO NOTES AND LE END, SHEET LP-2.0 FOR PLANTING PROCEDURES AND ADDITIONAL INFORMATION.
- B. REMOVE FROM BOWTIE WITH AS LITTLE DISTURBANCE TO THE ROOTBALL AS POSSIBLE.

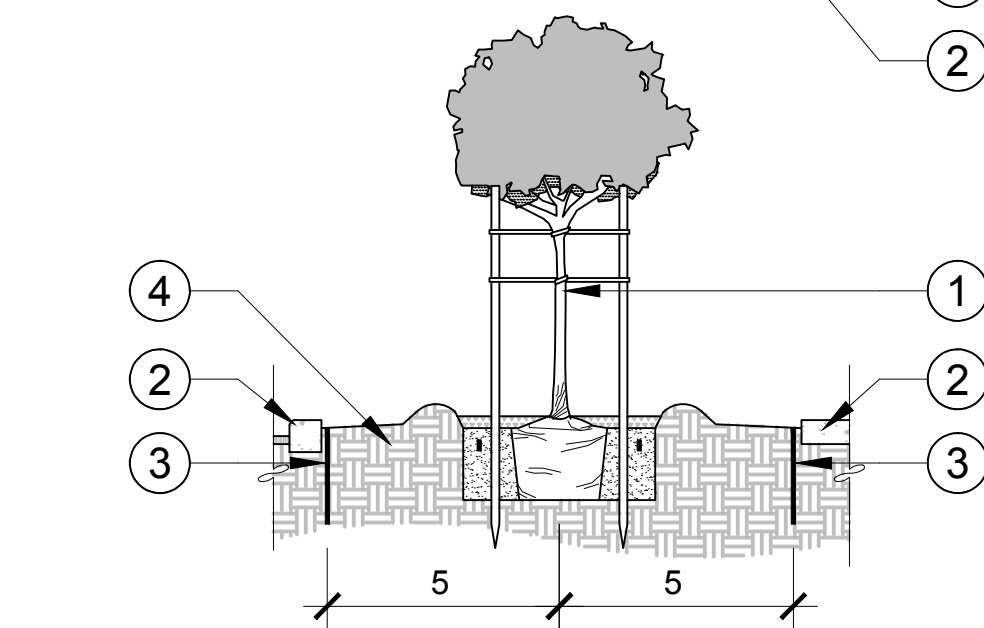


LE END

- ① TREE PLANTING PER PLANTING LE END AND DETAILS
- ② ADJACENT HARDSCAPE EDGE, FINISH GRADE OF PLANTING AREA TO BE 2" BELOW
- ③ ROOT BARRIER AS REQUIRED (SEE NOTES BELOW)
- ④ TOPSOIL AND SUBGRADE PER CIVIL PLANS
- ⑤ ADJACENT ROUND CORNER OR SHRUB PLANTING

NOTES:

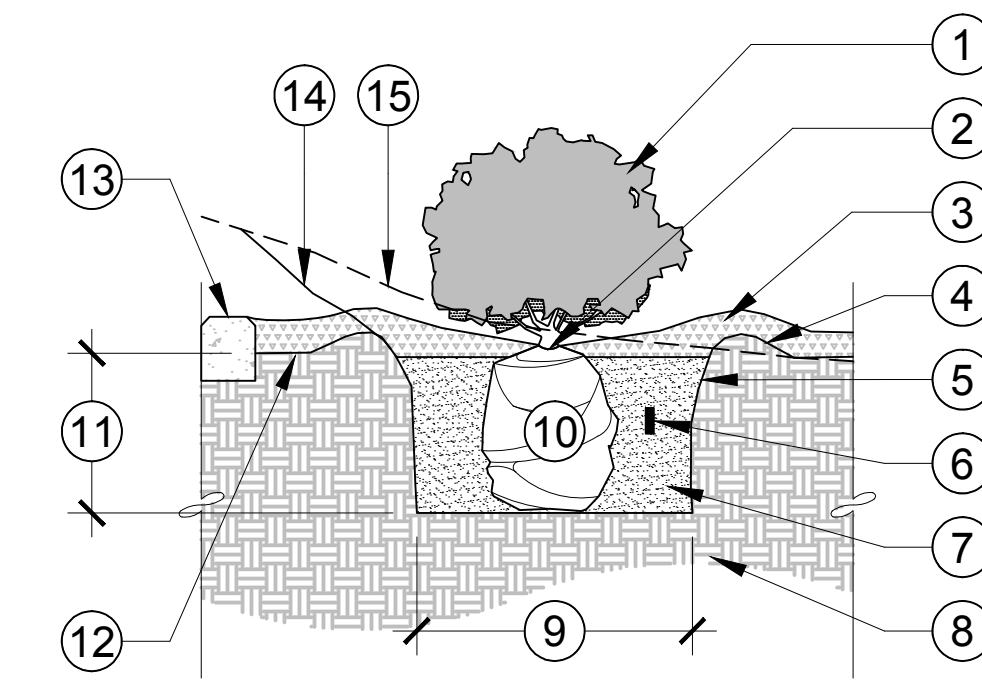
- A. ROOT BARRIERS SHALL BE INSTALLED WHEN TREES ARE WITHIN 5' OF HARDSCAPE U.N.O.
- B. WHERE POSSIBLE INSTALL 10" EACH SIDE OF TRUNK MEASURED PARALLEL TO HARDSCAPE 24" DEEP.
- C. INSTALL PARALLEL TO WALKS & CURBS.
- D. DO NOT ENCIRCLE TREE IF POSSIBLE.
- E. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.



SECTION

A TREE WELL PLANTING WITH OBSERVATION TUBE SECTION SCALE: N.T.S.

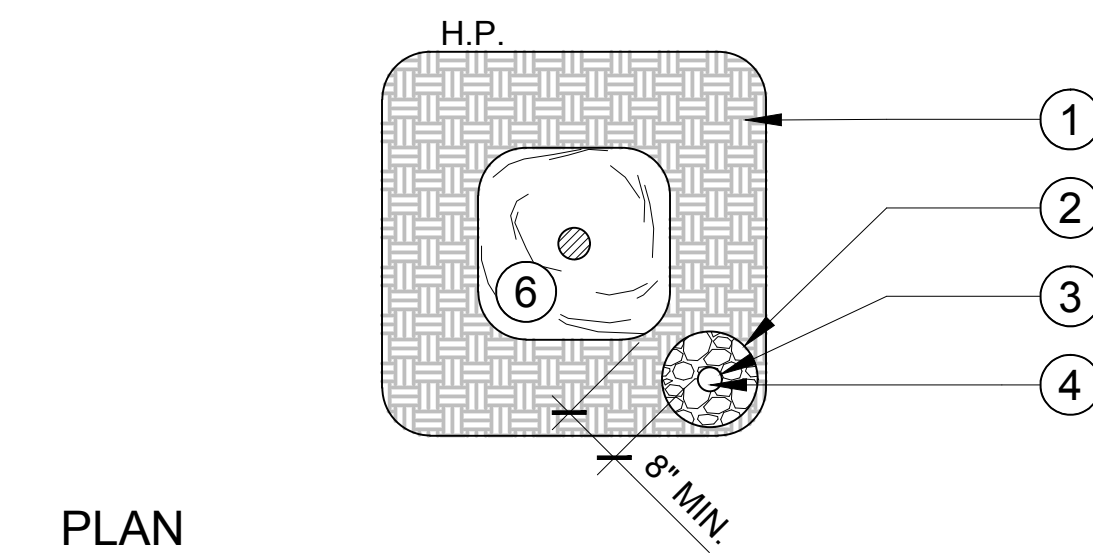
B ROOT BARRIER SECTION SCALE: 1/4" = 1'-0"



LE END

- ① SHRUB
- ② SHRUB CROWN (1" ABOVE FINISH GRADE)
- ③ MULCH, REFER TO SPECS. & PLANTING NOTES FOR DEPTH & TYPE
- ④ 4" HIGH WATER RETENTION BERM ALL AROUND
- ⑤ PLANTING PIT W/ ROUNDED SIDES
- ⑥ PLANTING TABLETS (3" BELOW GRADE)
- ⑦ AMENDED BACKFILL MIX (PUDDLE & SETTLE)
- ⑧ TOPSOIL AND SUBGRADE PER CIVIL PLANS
- ⑨ 2x ROOTBALL DIAMETER MIN.
- ⑩ ROOTBALL
- ⑪ DEPTH OF ROOTBALL
- ⑫ SET FINISH GRADE EQUAL TO THE DEPTH OF MULCH BELOW FINISH SURFACE OF PLANTING (WHERE APPLICABLE)
- ⑬ CURB OR PAVING (WHERE APPLICABLE)
- ⑭ NEW FINISH GRADE AT SLOPE (WHERE APPLICABLE)
- ⑮ EXISTING FINISH GRADE AT SLOPE (WHERE APPLICABLE)

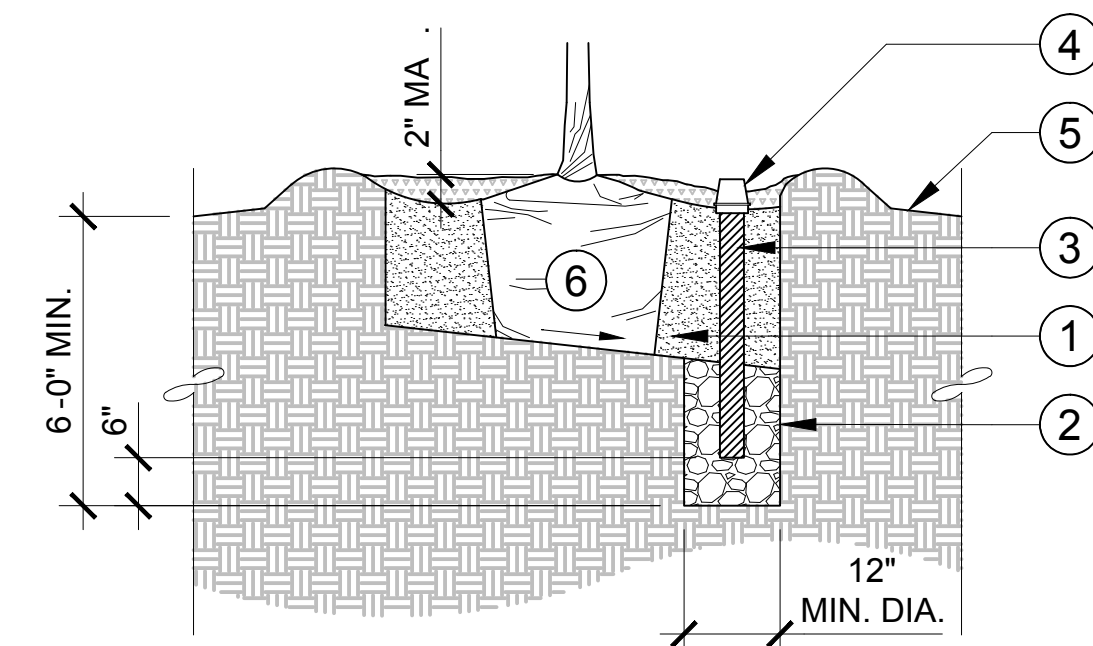
C SHRUB PLANTING SECTION SCALE: N.T.S.



LE END

- ① BACKFILL MIX
- ② GRAVEL FILL AROUND PIPE
- ③ 4" DIA PERFORATED PIPE WITH FILTER SOCK (LENGTH AS REQUIRED)
- ④ PLASTIC ATRIUM DRAIN GRATE
- ⑤ FINISH GRADE
- ⑥ UNDISTURBED ROOTBALL

PLAN



NOTES:

- A. EXTEND PERFORATED PIPE BELOW BOTTOM OF ROOTBALL. SLANT BOTTOM OF PLANTING PIT TO ALLOW ACCUMULATED WATER TO COLLECT AT BASE OF PERFORATED PIPE. SIPHON OFF AS REQUIRED TO PREVENT ROOT ROT.
- B. DO NOT FILL PERFORATED PIPE WITH GRAVEL.

SECTION

D TREE OBSERVATION TUBE DETAIL SECTION SCALE: N.T.S.



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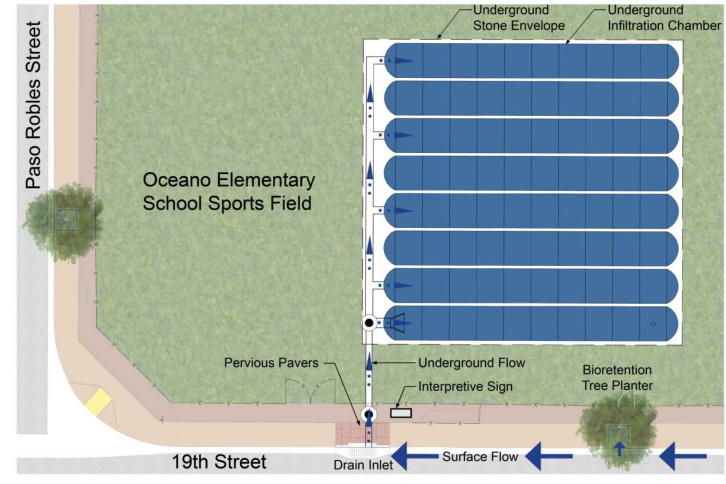
PLANTING DETAILS
LP-3.0
OCEANO, CA

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

Oceano Solutions for Stormwater

Project Background
 Oceano experiences nuisance flooding in localized areas. Urbanization led to an increase in impervious surfaces (pavement and concrete) and a decrease in the ability of the underlying soil to absorb stormwater runoff. The soils beneath Oceano are extensively sandy, making it a prime location for infiltration projects. Through the process of capturing and infiltrating rainwater, flooding is reduced during small to medium sized storm events.

The Oceano Community Services District (OCSD) obtains their municipal water supply in part from the Santa Maria River Groundwater Basin. In addition to flood abatement, the process of infiltrating rainwater helps to recharge this ground water supply, rather than allowing it to wash into Arroyo Grande Creek and the Pacific Ocean.

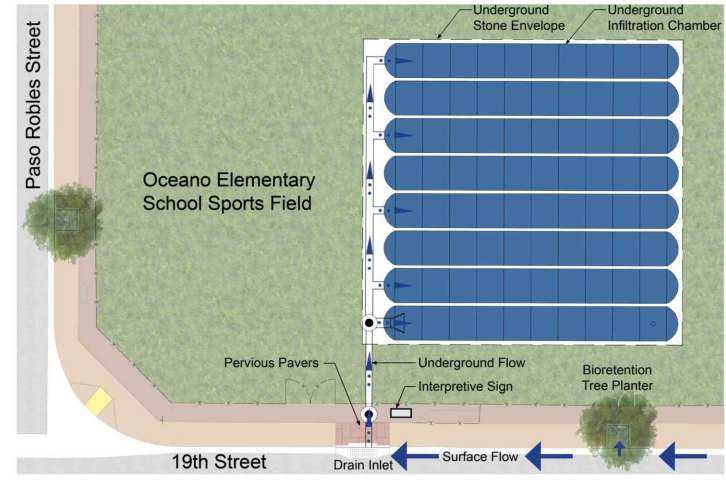


Street Improvements
 Bioretention tree planters installed as a part of the project along Paso Robles Street and 19th Street allow stormwater runoff from the roadway to be collected, treated through natural systems and infiltrated back into the ground.

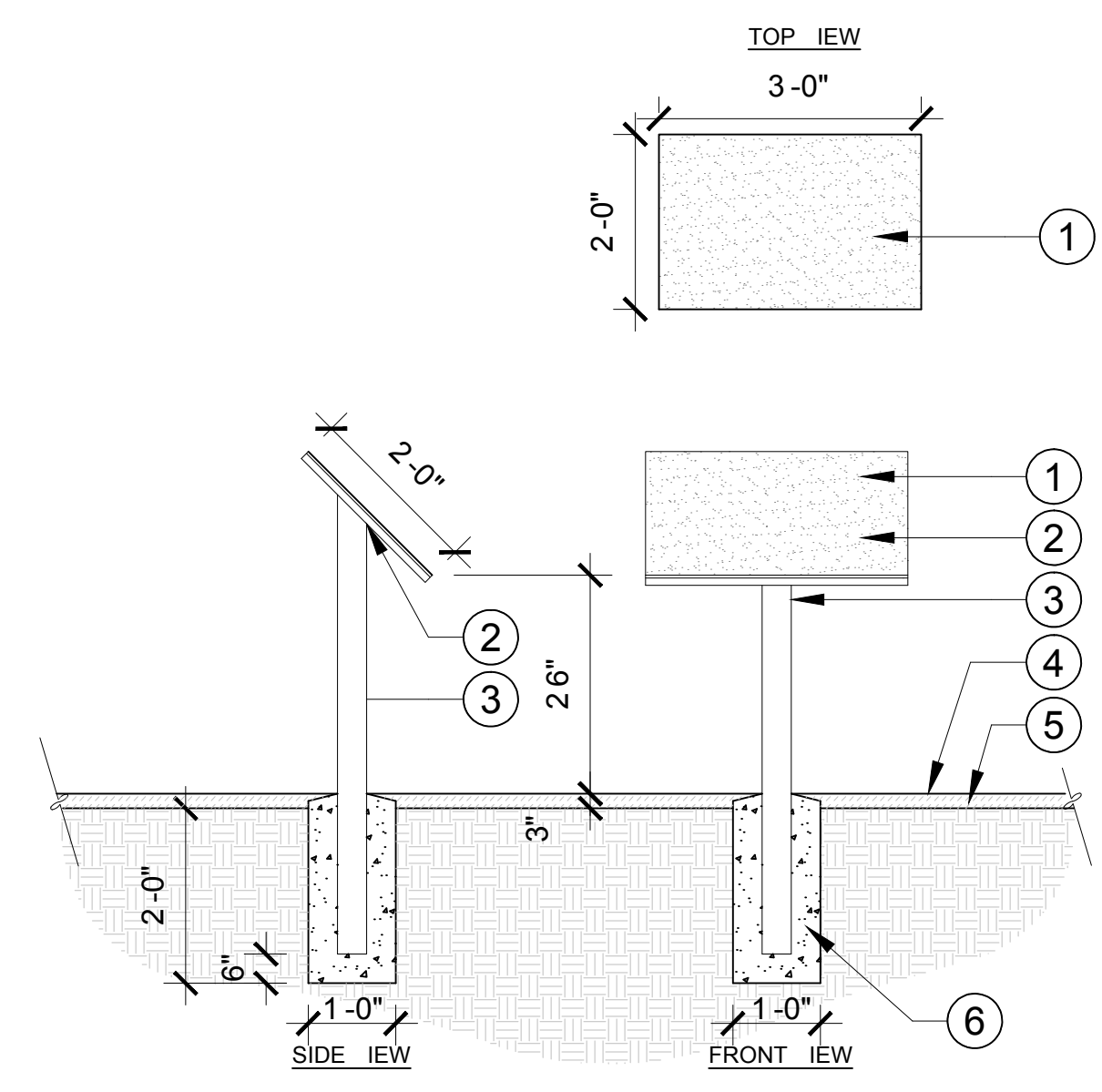
Rather than replacing concrete sidewalk removed for the project, pervious pavers were selected to allow rainwater to infiltrate into the soils below.

Infiltration Gallery
 An infiltration gallery is a series of open chambers that collect rainwater and hold it underground until it infiltrates through the underlying soils. This water recharges groundwater basins and helps secure a clean water supply.

This location at the Oceano Elementary School was chosen due to the ability to capture and divert stormwater runoff from an over 11 acre watershed into the infiltration gallery. The gallery has a holding capacity of approximately 180,000 gallons of water. Based on the average local rainfall, an estimated 2,900,000 gallons of water per year will be infiltrated at this site.



Funding for this project has been provided 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.



- LE END**
- ① COLOR INTERPRETIVE GRAPHIC PANEL ON A 3/4" THICK DURABLE, EXTERIOR GRADE HIGH PRESSURE LAMINATE PANEL, MATTE FINISH
 - ② 45 DEGREE MOUNTING PLATE (16" x 20")
 - ③ SIGN POST EMBEDMENT BASE, POWDER COAT BLACK
 - ④ FINISH SURFACE
 - ⑤ 3" LAYER MULCH
 - ⑥ 12" DIAMETER CONCRETE FOOTING
- NOTES:**
1. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS INCLUDING FASTENERS AND SAMPLES OF MATERIALS TO BE USED.
 2. LANDSCAPE ARCHITECT SHALL PROVIDE COLOR GRAPHICS FOR THE SIGN TO THE CONTRACTOR UPON REQUEST. REFER TO DETAIL A, THIS SHEET.
 3. THE CHARACTERS AND BACKGROUND SIGN SHALL BE EMBOSSED, MATTE, OR ANOTHER NON-GLARE FINISH.
 4. VERTICALLY DISPLAYED SIGNS MUST BE LEGIBLE AS DEPENDENT ON THE CONTRAST, REFLECTIVITY, LIGHTING, ANGLE OF VIEW, AND SIGNAGE.

MANUFACTURER INFORMATION:
 I ONE IMA
 WEBSITE: I ONE IMA .COM
 PHONE: (254) 778-0722

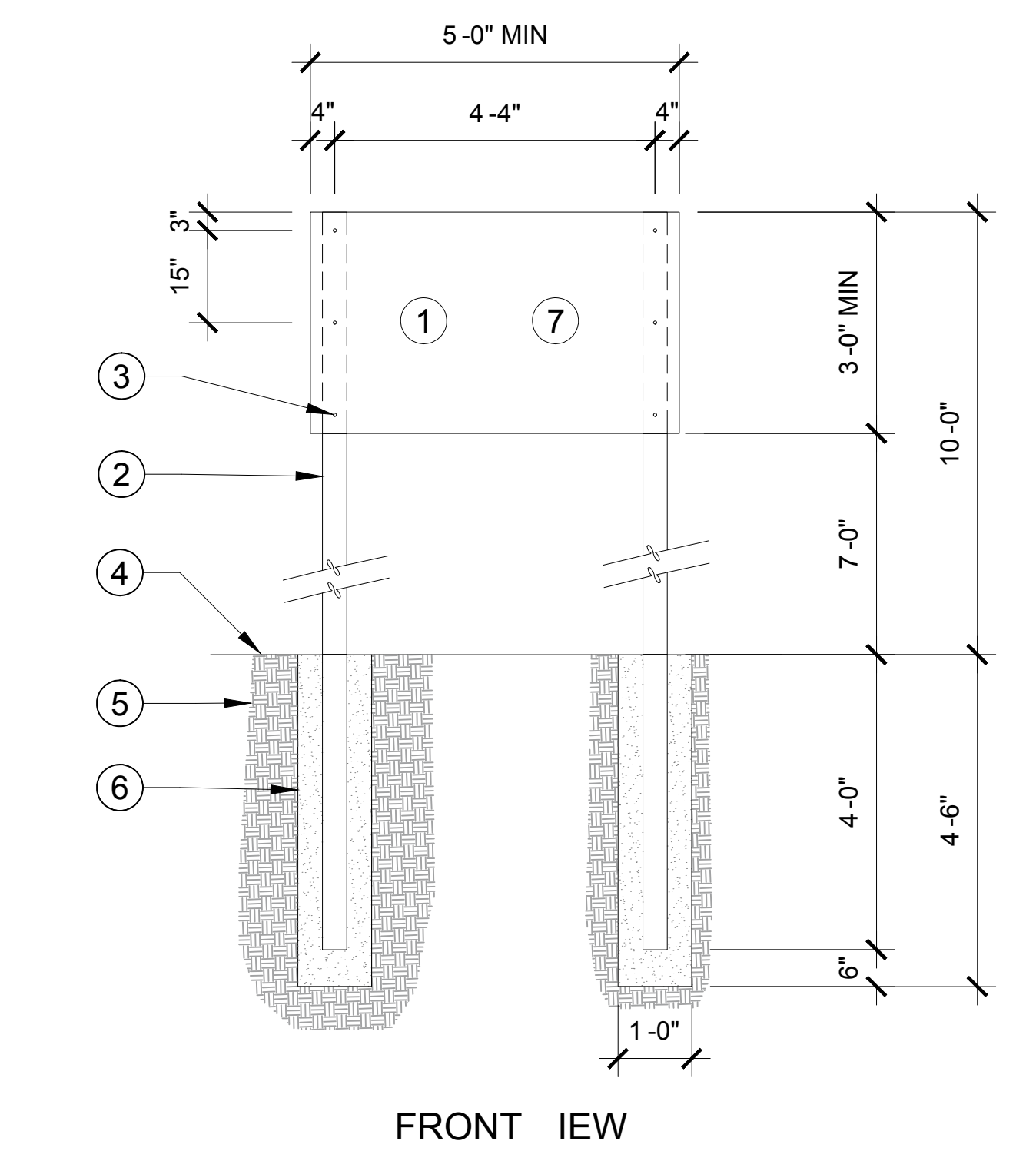
A INTERPRETIVE SIGNAGE GRAPHIC SCALE: N.T.S.

B INTERPRETIVE SIGN SECTION SCALE: N.T.S.



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.

C CONSTRUCTION SIGNAGE GRAPHIC SCALE: N.T.S.



- LE END**
- ① PRESSURE TREATED PLYWOOD, 3/4" THICK, EXTERIOR GRADE B. PAINT FRONT AND BACK WITH ONE COAT OF WHITE PRIMER AND TWO COATS OF LOSS BLACK ENAMEL.
 - ② 4x4 PRESSURE TREATED Douglas Fir Post
 - ③ 3/2" x 5" LAG BOLT WITH WASHER, 6 RINGED. DRILL PILOT HOLES INTO POST, TYPICAL
 - ④ FINISH GRADE
 - ⑤ NATIVE SOIL
 - ⑥ CLASS 4 A GRADE COMPACTED TO 90 RELATIVE COMPACTION TO EXTEND 6" BELOW POST.
 - ⑦ SIGN GRAPHIC TO BE PRINTED ON RIGID WEATHERPROOF BACKING AND ATTACHED TO PLYWOOD WITH 1/2" GALVANIZED STEEL WOOD SCREWS. REFER TO DETAIL C, THIS SHEET FOR SIGN GRAPHIC.


D CONSTRUCTION SIGN SECTION SCALE: 1/2" = 1'-0"



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SIGNAGE DETAILS
 LP-4.0
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b) Type 2 Mulch (rock, gravel, or cobble) shall be pebble, or cobble in the size specified in the Contract Documents. Type 2 Mulch shall comply with the requirements specified in Section 200-1.7.

Perennial Sorrel and/or Bromegrass.

a reduction or addition in cost shall be added in the contract cost.

e ual.

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 dealer's guaranteed 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 Project 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 Valley, CA 91352, www.stoverseed.com, or approved equal.
7. Seed shall have 95% minimum purity and 80% minimum germination.

4. All plants shall equal 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 Garden 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) required 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 rejected and shall be removed from the site immediately.

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 reject the plants represented by the defective sample.
16. Protection: All plants at all times shall be handled and stored so that they are adequately protected from drying out, from wind burn, and from all other injury. All plants determined by the Architect or District to be wilted, burned, or dried out, may be rejected 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 rejected, and removed from the site immediately. The Contractor's on-site plant storage area shall be approved by the General Contractor prior to the delivery of any plant materials.

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 adjacent 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 joining system.

800-1.4.1 General. 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 job 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 objectionable disfigurements.
3. Plant materials shall not contain any deleterious, obnoxious, or invasive weeds such as (not all inclusive): duckgrass, Johnsongrass, Poison Ivy, Nutsedge, Nimblewill, Canada Thistle, Bindweed, Bentgrass, Wild arlic, round Ivy,

10. Inspection of plant materials: Plants shall be subject to inspection and approval or rejection at the project site at any time before or during progress of work for size, variety, condition, latent defects and injuries. Rejected plants shall be removed from the project site immediately.
11. Inspection of plant materials required 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. Rejection and substitution: All plants not conforming to the requirements 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 rejected 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 required 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

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 equal.

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 joiners, raised 90 degree molded root deflecting ribs, ground lock tabs, double top edge, UV 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

ADD:

800-1.8 Landscape Filter Fabric.

1. Product:

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



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- a) Two (2) irrigation heads with nozzles of each type used for every irrigation head installed.
- b) One (1) valve key for quick coupler assemblies installed or portions thereof.

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

1. Rigid non-metallic conduit shall conform to the requirements 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 AWG 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:

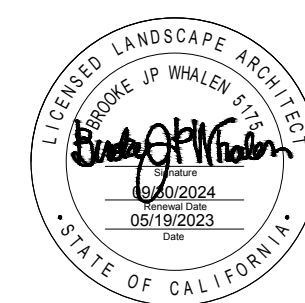
800-3.2.2.2 Trench Marker Tape.

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



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801-1 GENERAL. 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 General. 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.
3. 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 to 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 required 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 quantities 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 equipment 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.
- gypsum: 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) 8 pounds per 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 quantity in one direction. The remaining 50 of the fertilizer quantity 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 grading. DELETE in its entirety and SUBSTITUTE with the following:

1. Finish grading 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.

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- 5. Take every precaution to protect and avoid damage to new and existing sprinkler heads, irrigation lines, and other underground utilities during grading and conditioning operations.
- 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. General 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 Grading 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 adjacent to paving, curbs, or headers shall be 1/2 inch (12.7 mm) in lawn areas and 3 inches (76.2 mm) in shrub and groundcover areas.

801-4.1 General. 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 quantities 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, equipment, 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

- spacing from 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 bare-root 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 injury 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 required angles of repose of adjacent materials as shown on the Drawings. Do not excavate subgrades of adjacent 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 injured. 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 percent 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 projects requiring 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 requirements:
 - 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 injured 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.
 - j) 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.
- l) 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.
- 19. 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 request 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 required 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).



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- 6. The staking shall be accomplished by the Contractor in such a manner as to ensure the proper and healthy growth and the safety of the plants, property, and the public.
- 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 square 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 equipment without damage or undue compaction to soil and finish grade.

801-5.1 General. 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 manufacturer's 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 required 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 tamped in accordance with 306-12.4, Jetted Trench Backfill. Other methods of compacting backfill may be approved by the District.

801-5.3.1 General. 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 Gradations.

To Paragraph (3), ADD the following:

Irrigation mainlines, valves, and supporting equipment 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 square edge with all burrs and fins removed.

801-5.4 Installation of valves, valve boxes, and Special Equipment. DELETE in its entirety and SUBSTITUTE with the following:

- 1. All irrigation equipment, except sprinkler heads and bubblers, shall be located a minimum of 10 feet (3 m) away from all tree locations. All irrigation equipment, except sprinkler heads and bubblers, shall be placed in shrub beds unless otherwise specified.
- 2. Valves and other equipment 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. Valves shall be the same size as the mainline pipe in which they are to serve unless otherwise shown on the Plans.
- 4. Quick coupler valves shall be 12 inch (304.8 mm) from curbs, pavement, and walks. In ground cover and shrubbery areas, quick coupler valves shall be set flush with finish grade of mulch or grass.

801-5.5.1 General. DELETE in its entirety and SUBSTITUTE with the following:

- 1. Mains and laterals, including risers, shall be flushed and pressure tested before installing swing joints and sprinkler heads, after which a water coverage test shall be performed.

801-5.7.2.1 General. 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, quick 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 joint 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 joints 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 manufacturer's instructions.
- 2. Drip Air Vacuum Relief Assembly. The drip air vacuum relief valve assembly shall be assembled with components in the details, and per manufacturer's instructions.
- 3. Drip Flush Valve Assembly. The drip flush valve assembly shall be assembled with components in the details, and per manufacturer's instructions.
- 4. Dripline, Fittings and Staples. The dripline shall be installed with components in the details, and per manufacturer's instructions.
- 5. Drip Operation Indicator. The drip operation indicator shall be installed with components in the details, and per manufacturer's 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 required 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, request 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

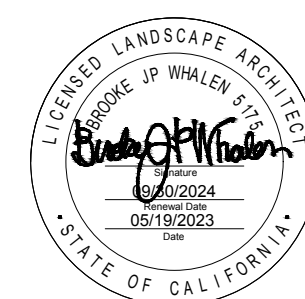
- 7. Unless otherwise specified, the Resident Engineer and Project Biologist will determine that the PEP has been successfully completed when the following conditions have been met:
 - a) Site is erosion free.
 - b) 100-percent container plant survival.
 - c) 90-percent weed and invasive plant cover.
 - 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 required 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.



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Oceano Community Services District

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.



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



Oceano Community Services District

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.



Oceano Community Services District

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: [REDACTED]
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 than 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. ¹.Who 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 is 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

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<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 [REDACTED]
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 <carey@oceanocsd.org>, Chase Martin <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. MEETINGS

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.

The call and notice shall be posted at least twenty-four (24) hours prior to the special meeting in a location that is freely accessible to members of the public.

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 Policy. 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 Public Comment. 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 Rules of Decorum. 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.

(g) A person cannot defer his/her time allocation to another person.

(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.

(i) 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.

(j) 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.

(l) 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.

4.4 Enforcement of Rules of Decorum. Any person who violates the Rules of Decorum may, at the discretion of the Board President, be removed from the meeting. The Rules of Decorum shall be enforced in the following manner:

(a) Warning. The Board President shall warn the person who is violating the rules of decorum.

(b) Expulsion. If after receiving a warning from the Board President, the person 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.

(c) 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.

(d) 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.

4.5 Limitations (Government Code §59454.3(c)) 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.

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. AUTHORITY OF DIRECTORS

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

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. DIRECTOR REIMBURSEMENT

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

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.

(l) 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 Ad Hoc Committees. The Board President shall appoint such *ad hoc* 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 *ad hoc* committees shall be outlined at the time of appointment, and the committee shall be considered dissolved when its final report has been made. *Ad hoc* committees shall timely provide the District General Manager with their recommendations and/or reports.

12. ETHICS TRAINING

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

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
Reaffirmed February 3, 2022
Reaffirmed February 2, 2023

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

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

DIRECTOR’S MONTHLY REQUEST FOR COMPENSATION FOR MEETING ATTENDANCE

NAME _____ DATE _____

FOR THE MONTH OF _____

9. DIRECTOR COMPENSATION *(amended and adopted 02/04/2021)*

- 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 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 Sections 61047 *et seq.* of the Government Code, Director compensation shall not exceed \$600.00 in any one calendar month.

MEETING DATE: _____ MEETING: _____

MEETING DATE: _____ MEETING: _____

MEETING DATE: _____ MEETING: _____

MEETING DATE: _____ MEETING: _____

MEETING DATE: _____ MEETING: _____

MEETING DATE: _____ MEETING: _____

TOTAL # OF MEETINGS: _____ TOTAL COMPENSATION: \$ _____

SIGNATURE: _____ DATE: _____

Office Use Only:
 Date Received: _____
 Reviewed and Validated By: _____