



Notice is hereby given that a
REGULAR MEETING
Of the Board of Directors will be held at:
400 Church Street, Scotia, CA 95565

Thursday, November 19, 2020

Regular Meeting at 5:30 P.M.

AGENDA

- A. CALL TO ORDER/ ROLL CALL/ PLEDGE OF ALLEGIANCE** The Presiding Officer will call the meeting to order and the Board Clerk will call the roll of members to determine the presence of a quorum. **PLEASE REMEMBER TO SILENCE ALL CELL PHONES**

In accordance with the Governor's Executive Orders N-25-20 and N-29-20 SCSD Board of Directors shall conduct the District's business via teleconference as the Board chambers are closed at this time. **This meeting may be accessed by using the following call-in number: 1 669 900 6833. When prompted enter the meeting i.d. 813 4311 0300 and the following password 744468.** Please submit public comments in writing 24 hours ahead of the meeting, if possible. If anyone who wishes to teleconference the meeting and has ADA access needs, please call the SCSD Administrative Office not less than 24 hours in advance of the meeting time to make accommodations.

- B. SETTING OF AGENDA** The Board may adopt/revise the order of the agenda as presented

- C. CONSENT CALENDAR** Consent Calendar items are routine, to be acted upon by the Board of Directors at one time without discussion. If any Board member, staff member, or interested person requests that an item be removed from the Consent Calendar, it shall be moved so that it may be acted upon separately in business.

1. Approval of Previous Meeting Minutes—Regular Meeting October 15, 2020 pp. 3.
2. Approval of September 1- September 30, 2020 RCB Check Registers pp.7
3. Approval of October 1 – October 31, 2020 Umpqua Check Registers pp. 14
4. Approval of RCB Mastercard Statement— Closing date October 8, 2020 pp. 19
5. Approval of Umpqua Visa Statement— Closing date September 30, 2020 pp. 23
6. Approval of Planwest Partners Invoice— October 2020 pp. 25

- D. PUBLIC COMMENT & WRITTEN COMMUNICATION** Regularly scheduled meetings provide an opportunity for members of the public to directly address the SCSD Board Members on any action item that has been described in the agenda for the meeting, before or during consideration of that item, or on matters not identified on the agenda within the Board jurisdiction. Comments are not generally taken on non-action items such as reports or information.
COMMENTS SHOULD BE LIMITED TO THREE MINUTES

- E. ADJOURN TO CLOSED SESSION**

1. Call to Order
2. Roll Call
3. Government Code §54956.9; Discuss pending litigation with District Legal Counsel
4. Closed session discussion

F. ADJOURN TO OPEN SESSION

1. Report out of closed session

G. PUBLIC HEARING - None

H. BUSINESS

1. New Business

- a. **Consider Adopting Resolution 2020- 14 A Resolution of the Scotia Community Services District Board of Directors Recognizing, Honoring and Commending Scott Pitcairn for His Service as A Director for the Scotia Community Services District**

pp. 28

- b. **Consider Approving a Letter to Humboldt County Supervisor Rex Bohn.**

pp. 31

2. Old Business - None

I. REPORTS

(5 minutes each)

The Board may briefly discuss any particular item raised; no action will be taken on these items.

1. **President's Report:**
2. **Board Director Reports:**
3. **General Manager's Report:**
4. **Board Clerk's Report:**
5. **District Counsel's Report:**
6. **Engineer's Report:**
7. **Fire Chief's Report:**

J. BOARD TRAINING – None

K. ADJOURNMENT

Next Regular Meeting of the SCSD will be December 17, 2020 at 5:30 PM. A Special meeting may be held prior to that.

Notice regarding the Americans with Disabilities Act: The District adheres to the [Americans with Disabilities Act](#). Persons requiring special accommodations or more information about accessibility should contact the District Office. Notice regarding Rights of Appeal: Persons who are dissatisfied with the decisions of the SCSD Board of Directors have the right to have the decision reviewed by a State Court. The District has adopted [Section 1094.6](#) of the [Code of Civil Procedure](#) which generally limits the time within which the decision may be judicially challenged to 90 days.

Minutes of the REGULAR Board Meeting for the
Scotia Community Services District
Thursday, October 15, 2020 at 5:30 P.M.

A. CALL TO ORDER/ ROLL CALL PLEDGE OF ALLEGIANCE at 5:32 PM

Diane Black, Vice President – Present

Paul Newmaker, President– Present

Scott Pitcairn, Director – Present

Susan Pryor, Director – Present

Nina Sellen, Director – Present

Staff Present: Leslie Marshall, General Manager; Julie Hawkins, Board Clerk

Other persons present: Fred & Jolene Brinkley; Delia Ansted; Kristen Roe

B. SETTING OF AGENDA The Board may adopt/revise the order of the agenda as presented

No Changes

C. CONSENT CALENDAR Consent Calendar items are routine, to be acted upon by the Board of Directors at one time without discussion. If any Board member, staff member, or interested person requests that an item be removed from the Consent Calendar, it shall be moved so that it may be acted upon separately in business.

1. Approval of Previous Meeting Minutes—Regular Meeting September 17, 2020

2. Approval of Previous Meeting Minutes—Special Meeting October 1, 2020

3. Approval of September 1- September 30, 2020 RCB Check Registers

4. Approval of September 1 – September 30, 2020 Umpqua Check Registers

5. Approval of RCB Mastercard Statement— August 8 – September 7, 2020

6. Approval of Umpqua Visa Statement— August 31-September 25, 2020

7. Approval of Planwest Partners Invoice— September 2020

Edit minutes to reflect minor changes.

No Public Comment

Motion: To Approve Consent Calendar with changes

Motion: Pryor **Second:** Black

Motion Vote: Ayes Black, Pryor, Pitcairn, Newmaker, Sellen **Opposed:** None **Absent:** None

Abstain: None

D. PUBLIC COMMENT & WRITTEN COMMUNICATION

No written communication or Public Comment

E. ADJOURN TO CLOSED SESSION at 5:38 PM

1. Call to Order
2. Roll Call
3. Government Code §54956.9; Discuss pending litigation with District Legal Counsel
4. Closed session discussion

F. ADJOURN TO OPEN SESSION at 5:41 PM

1. Report out of closed session

Direction was given to staff.

G. PUBLIC HEARING - None

H. BUSINESS

1. New Business

a. Adopt Resolution 2020-13 Amending the Personnel Policies & Procedures

Staff continues to update the PPP as it becomes necessary. This amendment updates the section on dependent coverage. The original language was vague, LM updated the language to include a provision stating that dependents of SCSD employees can be covered by the District's plan, but employees must contribute an amount directed by the District through the insurance plan, currently at 50%. This percentage may vary based on the District's budget and available revenues.

No Public Comment

Motion: Adopt Resolution 2020-13 Amending the Personnel Policies & Procedures

Motion: Newmaker **Second:** Pitcairn

Motion Vote: Ayes Black, Pryor, Pitcairn, Newmaker, Sellen **Opposed:** None **Absent:** None

Abstain: None

b. Parks & Recreation: Continued Safety and Damage Concerns related to vehicular vandalism

GM introduced and discussed. As has been discussed, many incidents have taken place such as reckless driving, speeding, and donuts. GM requested direction from the board for potential solutions. The board agreed to the installation of speed bumps and replacement of broken boulders as good options to prevent speeding and reckless driving.

Public Comment: Delia Ansted commented that she supported the speed bumps option and stated that our aim is to put pressure on the one-time reckless drivers. Board agreed and discussed the possible placement of the speed bumps.

2. Old Business – None

I. REPORTS

(5 minutes each)

The Board may briefly discuss any particular item raised; no action will be taken on these items.

1. President's Report: None

2. **Board Director Reports:** Director Sellen confirmed that the Rio Dell FPD annexed and consolidated with the SCSD – LM confirmed.

AGENDA FOR A MEETING OF THE SCSD BOARD OF DIRECTORS

October 15, 2020

POSTED at 5:00 PM October 8, 2020

3. General Manager's Report:

Still waiting to hear about Battery Backup River Pump & Tesla battery project are still under design review with PG&E. Caleb will look into it and get back to us.

We still have not heard back from PG&E regarding the unconnected meter & possible backpay required.

Response to inspection report has not been done quite yet.

Primary clarifier is being installed – covered by our insurance and is paid for by the FEMA disaster relief fund. LM will still be applying for an extension to complete and finalize the paperwork.

Carpenter shop roof does not need a historical assessment.

Church engineering is engaged to install the restrooms at the baseball field. Bathrooms will have two unisex restrooms with storage and locks with key codes to prevent vandalism.

The brickwork was finished at the Museum Plaza. Penny's landscaping will winterize the planter beds and landscaping will be done in the Spring. Penny's has also done some work at Fireman's Park and will be doing some work on the sprinklers. They will also be seeding some areas to grow grass.

Johnson's Mobile Rentals will be taking the fencing down soon. We have requested that it be removed. We are no longer paying for it – we stopped paying for it as soon as we requested that it be removed.

Construction for Phase III is underway and projected to be done in April 2021– Main Street has been closed down periodically due to the linear infrastructure work.

Corridor Project: Valves filled with river rocks – screens will be installed before and after those valves to protect them.

River Pumps project is resuming. Looking into getting divers to install screens at the intake gallery pipes & likely getting pressure reducing valves installed.

We have a new administrative person!

Director Sellen had a question regarding the maintenance of streetlights. LM explained that the standard streetlights are the property and responsibility of PG&E and we pay for the electricity. Dir. Sellen asked about the historic lights in town and commented that they need some cosmetic maintenance. LM said they may be able to be painted or at the very least, cleaned. The board also discussed the overgrown bushes at the museum plaza.

VP Black mentioned the mosquitos at the pond. LM discussed staffing needs for parrot feather invasive removal. Equipment rental is difficult to find because of the fires – all of the available equipment is being used by firefighters.

Delia Ansted commented that LM might consider cc'ing a realtor on the letter to the water board due to the requirements for disclosures during the sales of homes. LM will consider.

4. Board Clerk's Report: JH will be attending the CSDA Board Clerk Training virtually on October 26-28.

5. District Counsel's Report: None

6. Engineer's Report: None

7. Fire Chief's Report: None

J. BOARD TRAINING – None Sexual Harassment Training will take place during the December meeting.

K. ADJOURNMENT @ 6:37PM by President Newmaker

Next Regular Meeting of the SCSD will be November 19, 2020 at 5:30 PM. A Special meeting may be held prior to that.

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Scotia Community Services District

Account QuickReport

As of November 30, 2017

Type	Date	Num	Name	Memo	Amount	Balance
10000 · RCB Checking 28239						308,067.50
Bill Pmt -Check	11/01/2017	50063	PG&E		-25,348.16	282,719.34
Deposit	11/02/2017			Deposit	1,596.28	284,315.62
Deposit	11/07/2017			Deposit	485.14	284,800.76
Bill Pmt -Check	11/09/2017	50067	Childs Appraisal Ser...		-3,500.00	281,300.76
Bill Pmt -Check	11/09/2017	50068	Johnson's Mobile R...	Fencing rental	-235.33	281,065.43
Bill Pmt -Check	11/09/2017	50069	North Coast Laborat...		-1,195.00	279,870.43
Bill Pmt -Check	11/09/2017	50070	Pacific Paper	General office supplies	-54.94	279,815.49
Bill Pmt -Check	11/09/2017	50071	Planwest Partners		-10,317.89	269,497.60
Bill Pmt -Check	11/09/2017	50072	Sierra Chemical Co.		-1,450.94	268,046.66
Bill Pmt -Check	11/09/2017	50073	Keith Wininger	8 hours mowing	-640.00	267,406.66
Bill Pmt -Check	11/09/2017	50074	Sequoia Personnel	T. Cannon PPE 11/5/17	-263.50	267,143.16
Check	11/10/2017	DC	Online Fabric Store	500 Polypropylene bags	-219.86	266,923.30
Deposit	11/14/2017			Deposit	7,186.78	274,110.08
Deposit	11/14/2017			Deposit s/b TOS	20,391.48	294,501.56
Check	11/14/2017	50075	Town of Scotia	To transmit funds paid to S...	-20,391.48	274,110.08
Check	11/14/2017	DC	USPO	roll stamps	-49.00	274,061.08
Bill Pmt -Check	11/21/2017	50076	Advanced Display & ...	Magnetic SCSD/Truck signs	-392.08	273,669.00
Bill Pmt -Check	11/21/2017	50077	AT&T		-205.53	273,463.47
Bill Pmt -Check	11/21/2017	50078	California Special Di...	2018 CSDA Membership R...	-612.00	272,851.47
Bill Pmt -Check	11/21/2017	50079	Mobley Construction	Vac truck 2.5 hrs	-500.00	272,351.47
Bill Pmt -Check	11/21/2017	50080	PG&E	697 6th St. Pedestal	-34.73	272,316.74
Bill Pmt -Check	11/21/2017	50081	Recology Eel River		-7.05	272,309.69
Bill Pmt -Check	11/21/2017	50082	Rio Dell-Scotia Cha...	2018 Standard Membership	-50.00	272,259.69
Bill Pmt -Check	11/21/2017	50083	Sequoia Personnel	T. Cannon PPE 11/12/2017	-263.50	271,996.19
Bill Pmt -Check	11/21/2017	50084	SHN	NPDES Compliance + Haz...	-1,807.40	270,188.79
Bill Pmt -Check	11/21/2017	50085	Steves Septic		-825.00	269,363.79
Bill Pmt -Check	11/21/2017	50086	USA Blue Book	Replacement turbidity lamp	-155.20	269,208.59
Bill Pmt -Check	11/21/2017	50087	Wildwood Saw	Trimmer supplies	-141.97	269,066.62
Bill Pmt -Check	11/21/2017	50088	California Dept. of T...	Water Rights Fee 7/1/17 - ...	-229.45	268,837.17
Check	11/21/2017	DC	USPO	2 rolls post card stamps	-68.00	268,769.17
Deposit	11/21/2017			Deposit	12,196.97	280,966.14
Check	11/21/2017	50089	Petty Cash	Reimburse office pc fund	-150.06	280,816.08
Bill Pmt -Check	11/28/2017	50090	Town of Scotia		-36,558.60	244,257.48
Deposit	11/28/2017			Deposit	5,843.99	250,101.47
Deposit	11/28/2017			Deposit	32,005.56	282,107.03
Deposit	11/30/2017			Deposit	23,869.86	305,976.89
Deposit	11/30/2017			Deposit	826.43	306,803.32
Bill Pmt -Check	11/30/2017	50091	Advanced Security	169 Main St.	-73.50	306,729.82
Bill Pmt -Check	11/30/2017	50092	NTU Technologies	275 gallon tote	-3,567.00	303,162.82
Bill Pmt -Check	11/30/2017	50093	Pacific Paper	Door-hanger cards, binder ...	-20.69	303,142.13
Bill Pmt -Check	11/30/2017	50094	Precision Intermedia	Monthly web hosting	-30.00	303,112.13
Bill Pmt -Check	11/30/2017	50095	Sequoia Personnel	PPE 11-19-17 & missed 10...	-527.00	302,585.13
Bill Pmt -Check	11/30/2017	50096	Town of Scotia	Oct 2017 labor billing rec'd ...	-9,229.60	293,355.53
Bill Pmt -Check	11/30/2017	50097	USA Blue Book	Digital stirrer	-175.58	293,179.95
Total 10000 · RCB Checking 28239					-14,887.55	293,179.95
TOTAL					-14,887.55	293,179.95

Scotia Community Services District

Account QuickReport

All Transactions

Type	Date	Num	Name	Memo	Original Amount	Paid Amount	Balance
12000 · RCB Savings 10367							
General Journal	05/23/2017	0501		Opening Entry	50,000.00	50,000.00	50,000.00
Deposit	05/31/2017			Interest	0.11	0.11	50,000.11
Deposit	06/30/2017			Interest	3.51	3.51	50,003.62
Deposit	07/31/2017			Interest	4.25	4.25	50,007.87
Deposit	08/31/2017			Interest	4.25	4.25	50,012.12
Deposit	09/30/2017			Interest	4.11	4.11	50,016.23
Deposit	10/31/2017			Interest	4.25	4.25	50,020.48
Deposit	11/30/2017			Interest	4.11	4.11	50,024.59
Deposit	12/31/2017			Interest	4.25	4.25	50,028.84
Deposit	01/31/2018			Interest	4.25	4.25	50,033.09
Deposit	02/28/2018			Interest	3.84	3.84	50,036.93
Deposit	03/18/2018			Deposit of Bid...	56,240.00	56,240.00	106,276.93
Deposit	03/31/2018			Interest	6.80	6.80	106,283.73
Deposit	04/30/2018			Interest	10.48	10.48	106,294.21
Deposit	05/31/2018			Interest	12.06	12.06	106,306.27
Deposit	06/30/2018			Interest	13.11	13.11	106,319.38
Deposit	07/31/2018			Interest	13.55	13.55	106,332.93
Deposit	08/31/2018			Interest	13.55	13.55	106,346.48
Deposit	09/30/2018			Interest	13.11	13.11	106,359.59
Deposit	10/31/2018			Interest	13.55	13.55	106,373.14
Deposit	11/30/2018			Interest	13.12	13.12	106,386.26
Deposit	12/30/2018			Interest	13.55	13.55	106,399.81
Deposit	01/31/2019			Interest	13.56	13.56	106,413.37
Deposit	02/28/2019			Interest	18.37	18.37	106,431.74
Deposit	03/31/2019			Interest	22.60	22.60	106,454.34
Deposit	04/30/2019			Interest	21.88	21.88	106,476.22
Deposit	05/31/2019			Interest	22.61	22.61	106,498.83
Transfer	06/30/2019	EFT		Close Out Tra...	50,290.20	50,290.20	156,789.03
Deposit	06/30/2019			Interest	30.50	30.50	156,819.53
Deposit	07/31/2019			Interest	33.30	33.30	156,852.83
Deposit	08/31/2019			Interest	33.31	33.31	156,886.14
Deposit	09/30/2019			Interest	32.24	32.24	156,918.38
Deposit	10/31/2019			Interest	33.32	33.32	156,951.70
Deposit	11/30/2019			Interest	32.25	32.25	156,983.95
Deposit	12/31/2019			Interest	33.34	33.34	157,017.29
Deposit	01/31/2020			Interest	33.25	33.25	157,050.54
Transfer	02/04/2020			Funds Transfer	-156,050.54	-156,050.54	1,000.00
Deposit	03/01/2020			Interest	3.29	3.29	1,003.29
Deposit	04/01/2020			Interest	0.09	0.09	1,003.38
Deposit	05/01/2020			Interest	0.09	0.09	1,003.47
Deposit	06/01/2020			Interest	0.09	0.09	1,003.56
Deposit	07/01/2020			Interest	0.08	0.08	1,003.64
Deposit	08/01/2020			Interest	0.09	0.09	1,003.73
Deposit	08/31/2020			Interest	0.09	0.09	1,003.82
Deposit	09/30/2020			Interest	0.08	0.08	1,003.90
Total 12000 · RCB Savings 10367						1,003.90	1,003.90
TOTAL						1,003.90	1,003.90

2:28 PM

11/09/20

Accrual Basis

Scotia Community Services District
Account QuickReport
As of May 31, 2020

Type	Date	Num	Name	Memo	Split	Amount	Balance
12150 · RCB Clarifier							
Deposit	01/16/2020			Deposit	40221 · Grants	4,398.00	4,398.00
Deposit	01/31/2020			Interest	40210 · Interes...	0.19	4,398.19
Deposit	02/25/2020			Deposit	40221 · Grants	3,085.00	7,483.19
Deposit	03/02/2020			Interest	40210 · Interes...	0.38	7,483.57
Deposit	03/05/2020			Deposit	-SPLIT-	197,503.56	204,987.13
Deposit	04/01/2020			Interest	40210 · Interes...	21.50	205,008.63
Deposit	04/30/2020			Interest	40210 · Interes...	25.21	205,033.84
Deposit	05/31/2020			Interest	40210 · Interes...	25.21	205,059.05
Total 12150 · RCB Clarifier						205,059.05	205,059.05
TOTAL						205,059.05	205,059.05

Scotia Community Services District

Account QuickReport

All Transactions

Type	Date	Num	Memo	Original Amount	Paid Amount	Balance
12100 · RCB Cust Deposit Savings 10797						
Deposit	08/08/2017		212 Mill St	100.00	100.00	100.00
Deposit	08/08/2017		220 Mill St	100.00	100.00	200.00
Deposit	08/08/2017		415 Church St	100.00	100.00	300.00
Deposit	08/29/2017		422 Church St	100.00	100.00	400.00
Deposit	08/29/2017		412 Church St	100.00	100.00	500.00
Deposit	08/29/2017		358 Eddy	100.00	100.00	600.00
Deposit	08/31/2017		Interest	0.01	0.01	600.01
Deposit	09/21/2017		409 Church St.	100.00	100.00	700.01
Deposit	09/21/2017		219 Mill St.	100.00	100.00	800.01
Check	09/30/2017		Service Charge	-10.00	-10.00	790.01
Deposit	09/30/2017		Interest	0.03	0.03	790.04
Transfer	10/10/2017		Funds Transf...	1,000.00	1,000.00	1,790.04
Deposit	10/10/2017		Bank Credited...	10.00	10.00	1,800.04
Deposit	10/17/2017		430 Church S...	100.00	100.00	1,900.04
Check	10/31/2017		Service Charge	-10.00	-10.00	1,890.04
Deposit	10/31/2017		Interest	0.08	0.08	1,890.12
Deposit	11/28/2017		213 Mill Street	100.00	100.00	1,990.12
Deposit	11/30/2017		217 Mill St.	100.00	100.00	2,090.12
General Journal	11/30/2017	1101	Bank refunde...	10.00	10.00	2,100.12
Deposit	11/30/2017		Interest	0.09	0.09	2,100.21
Deposit	12/05/2017		Deposit 403 C...	200.00	200.00	2,300.21
Deposit	12/14/2017		Deposit 214 ...	200.00	200.00	2,500.21
Deposit	12/28/2017		Deposit 360 E...	200.00	200.00	2,700.21
Deposit	12/31/2017		Interest	0.12	0.12	2,700.33
Deposit	01/16/2018		221 Mill Street	100.00	100.00	2,800.33
Deposit	01/31/2018		Interest	0.14	0.14	2,800.47
Deposit	02/15/2018		404 Church S...	100.00	100.00	2,900.47
Deposit	02/15/2018		401 Church S...	100.00	100.00	3,000.47
Deposit	02/15/2018		405 Church S...	100.00	100.00	3,100.47
Deposit	02/27/2018		418 Church S...	100.00	100.00	3,200.47
Deposit	02/28/2018		Interest	0.13	0.13	3,200.60
Deposit	03/08/2018		410 Church S...	100.00	100.00	3,300.60
Deposit	03/08/2018		406 Church S...	100.00	100.00	3,400.60
Transfer	03/27/2018		Transf Corner...	100.00	100.00	3,500.60
Deposit	03/27/2018		356 Eddy Street	100.00	100.00	3,600.60
Deposit	03/27/2018		428 Church St.	100.00	100.00	3,700.60
Deposit	03/29/2018		206 Mill Lane ...	100.00	100.00	3,800.60
Deposit	03/31/2018		Interest	0.17	0.17	3,800.77
Deposit	04/05/2018		424 Church S...	100.00	100.00	3,900.77
Deposit	04/06/2018		VOID: Duplicate	0.00	0.00	3,900.77
Deposit	04/20/2018		408 Church S...	100.00	100.00	4,000.77
Deposit	04/20/2018		413 Church S...	100.00	100.00	4,100.77
Deposit	04/30/2018		Interest	0.20	0.20	4,100.97
Deposit	05/30/2018		426 Church D...	100.00	100.00	4,200.97
Deposit	05/31/2018		Interest	0.27	0.27	4,201.24
Deposit	06/20/2018		416 Church St.	100.00	100.00	4,301.24
Deposit	06/28/2018		414 Church S...	100.00	100.00	4,401.24
Deposit	06/30/2018		Interest	0.35	0.35	4,401.59
Deposit	07/02/2018		211 Mill Street	135.00	135.00	4,536.59
Deposit	07/02/2018		354 Eddy Street	100.00	100.00	4,636.59
Deposit	07/11/2018		Transfer A/R ...	-35.00	-35.00	4,601.59
Deposit	07/31/2018		Interest	0.39	0.39	4,601.98

Scotia Community Services District

Account QuickReport

All Transactions

Type	Date	Num	Memo	Original Amount	Paid Amount	Balance
Deposit	08/22/2018		422 Church N...	100.00	100.00	4,701.98
Deposit	08/31/2018		Interest	0.39	0.39	4,702.37
Deposit	09/26/2018		215 Mill Deposit	100.00	100.00	4,802.37
Deposit	09/30/2018		Interest	0.39	0.39	4,802.76
Transfer	10/16/2018		Funds Transf...	-100.00	-100.00	4,702.76
Deposit	10/17/2018		500 B Deposit	100.00	100.00	4,802.76
Deposit	10/18/2018		132 Main Dep...	100.00	100.00	4,902.76
Deposit	10/31/2018		Interest	0.41	0.41	4,903.17
Deposit	11/08/2018		607 1st Kosak...	100.00	100.00	5,003.17
Deposit	11/27/2018		506 B ST Dep...	100.00	100.00	5,103.17
Deposit	11/27/2018		137 MAIN De...	100.00	100.00	5,203.17
Deposit	11/27/2018		129 MAIN De...	100.00	100.00	5,303.17
Deposit	11/27/2018		624 2ND ST ...	100.00	100.00	5,403.17
Deposit	11/29/2018		601 1st Street	100.00	100.00	5,503.17
Deposit	11/30/2018		Interest	0.41	0.41	5,503.58
Transfer	12/13/2018		Funds Transf...	-1,300.00	-1,300.00	4,203.58
Deposit	12/19/2018		601 1st Street	100.00	100.00	4,303.58
Deposit	12/30/2018		Interest	0.40	0.40	4,303.98
Deposit	01/03/2019		614 1st Street	100.00	100.00	4,403.98
Deposit	01/08/2019	0027	customer dep...	-100.00	-100.00	4,303.98
Deposit	01/31/2019		510 B Street	100.00	100.00	4,403.98
Deposit	01/31/2019		Interest	0.37	0.37	4,404.35
Deposit	02/28/2019		Interest	0.34	0.34	4,404.69
Transfer	03/13/2019	EFT	Funds Transfer	100.00	100.00	4,504.69
Transfer	03/20/2019	EFT	Funds Transfer	100.00	100.00	4,604.69
Deposit	03/21/2019		Deposit	100.00	100.00	4,704.69
Transfer	03/27/2019		Funds Transfer	-100.00	-100.00	4,604.69
Transfer	03/27/2019		Funds Transfer	-100.00	-100.00	4,504.69
Transfer	03/27/2019		Funds Transfer	-100.00	-100.00	4,404.69
Deposit	03/28/2019		Deposit	100.00	100.00	4,504.69
Deposit	03/31/2019		Interest	0.38	0.38	4,505.07
Deposit	04/03/2019		Deposit	100.00	100.00	4,605.07
Deposit	04/03/2019		Deposit	100.00	100.00	4,705.07
Deposit	04/16/2019		Deposit	100.00	100.00	4,805.07
Transfer	04/16/2019	TRAN...	Funds Transf...	-300.00	-300.00	4,505.07
Deposit	04/30/2019		Deposit	135.00	135.00	4,640.07
Deposit	04/30/2019		Interest	0.38	0.38	4,640.45
Deposit	05/01/2019		Deposit	135.00	135.00	4,775.45
Deposit	05/02/2019		Deposit	100.00	100.00	4,875.45
Transfer	05/20/2019		Funds Transfer	400.00	400.00	5,275.45
Deposit	05/31/2019		Interest	0.42	0.42	5,275.87
Deposit	06/05/2019		Deposit	135.00	135.00	5,410.87
Transfer	06/11/2019		Transfer For ...	-35.00	-35.00	5,375.87
Transfer	06/11/2019		Transfer For ...	-35.00	-35.00	5,340.87
Transfer	06/11/2019	EFT	Transfer For ...	-35.00	-35.00	5,305.87
Check	06/15/2019		Deposit Refund	-100.00	-100.00	5,205.87
Check	06/15/2019		Deposit Refund	-100.00	-100.00	5,105.87
Check	06/15/2019		Deposit Refund	-100.00	-100.00	5,005.87
Check	06/15/2019		Deposit Refund	-100.00	-100.00	4,905.87
Deposit	06/26/2019		Deposit	200.00	200.00	5,105.87
Deposit	06/30/2019		Interest	0.42	0.42	5,106.29
Deposit	07/09/2019		Deposit	200.00	200.00	5,306.29
Deposit	07/24/2019		Deposit	100.00	100.00	5,406.29

Scotia Community Services District

Account QuickReport

All Transactions

Type	Date	Num	Memo	Original Amount	Paid Amount	Balance
Deposit	07/31/2019		Interest	0.44	0.44	5,406.73
Deposit	08/31/2019		Interest	0.46	0.46	5,407.19
Transfer	09/23/2019		Transfer From...	-300.00	-300.00	5,107.19
Deposit	09/30/2019		Interest	0.44	0.44	5,107.63
Deposit	10/31/2019		Interest	0.43	0.43	5,108.06
Deposit	11/07/2019		Deposit	235.00	235.00	5,343.06
Deposit	11/20/2019		Deposit	100.00	100.00	5,443.06
Deposit	11/26/2019		Deposit	100.00	100.00	5,543.06
Deposit	11/30/2019		Interest	0.44	0.44	5,543.50
Deposit	12/31/2019		Interest	0.47	0.47	5,543.97
Deposit	01/02/2020		Deposit	100.00	100.00	5,643.97
Transfer	01/08/2020		Funds Transfer	-35.00	-35.00	5,608.97
Transfer	01/08/2020		Funds Transfer	-35.00	-35.00	5,573.97
Deposit	01/29/2020		Deposit	100.00	100.00	5,673.97
Deposit	01/31/2020		Interest	0.48	0.48	5,674.45
Deposit	02/04/2020		Deposit	100.00	100.00	5,774.45
Deposit	02/14/2020		Deposit	200.00	200.00	5,974.45
Deposit	02/21/2020		Deposit	135.00	135.00	6,109.45
Deposit	02/29/2020		Interest	0.47	0.47	6,109.92
Deposit	03/31/2020		Interest	0.58	0.58	6,110.50
Deposit	04/30/2020		Interest	0.55	0.55	6,111.05
Deposit	05/01/2020		Deposit	100.00	100.00	6,211.05
Deposit	05/21/2020		Deposit	100.00	100.00	6,311.05
Deposit	05/31/2020		Interest	0.58	0.58	6,311.63
Deposit	06/23/2020		Deposit	135.00	135.00	6,446.63
Deposit	06/23/2020		Deposit	100.00	100.00	6,546.63
Deposit	06/24/2020		Deposit	100.00	100.00	6,646.63
Deposit	06/30/2020		Interest	0.52	0.52	6,647.15
Transfer	07/01/2020		Funds Transfer	-35.00	-35.00	6,612.15
Deposit	07/16/2020		Deposit	100.00	100.00	6,712.15
Transfer	07/16/2020		Funds Transf...	-600.00	-600.00	6,112.15
Transfer	07/16/2020		Funds Transf...	-600.00	-600.00	5,512.15
Transfer	07/16/2020		Funds Transf...	-1,519.05	-1,519.05	3,993.10
Deposit	07/30/2020		Deposit	100.00	100.00	4,093.10
Deposit	07/31/2020		Deposit	50.00	50.00	4,143.10
Deposit	08/02/2020		Interest	0.45	0.45	4,143.55
Deposit	08/04/2020		Deposit	100.00	100.00	4,243.55
Deposit	08/04/2020		Deposit	100.00	100.00	4,343.55
Deposit	08/05/2020		Deposit	135.00	135.00	4,478.55
Deposit	08/05/2020		Deposit	100.00	100.00	4,578.55
Deposit	08/10/2020		Deposit	100.00	100.00	4,678.55
Deposit	08/20/2020		Deposit	100.00	100.00	4,778.55
Deposit	08/31/2020		Interest	0.39	0.39	4,778.94
Check	08/31/2020	1		-0.09	-0.09	4,778.85
Transfer	09/01/2020		Funds Transfer	-300.00	-300.00	4,478.85
Transfer	09/01/2020		Funds Transf...	-35.00	-35.00	4,443.85
Deposit	09/01/2020		Deposit	500.00	500.00	4,943.85
Deposit	09/08/2020		Deposit	100.00	100.00	5,043.85
Deposit	09/30/2020		Interest	0.39	0.39	5,044.24
Deposit	10/01/2020		Deposit	1,227.46	1,227.46	6,271.70
Total 12100 · RCB Cust Deposit Savings 10797					6,271.70	6,271.70

Scotia Community Services District
Account QuickReport
All Transactions

	Type	Date	Num	Memo	Original Amount	Paid Amount	Balance
TOTAL						6,271.70	6,271.70

Scotia Community Services District
Account QuickReport
As of May 31, 2020

Type	Date	Num	Name	Memo	Split	Amount	Balance
12152 · Umpqua Checking BT Loan							
Deposit	02/24/2020			Account Open...	30000 · Openi...	938,202.85	938,202.85
Deposit	02/29/2020			Interest	40210 · Interes...	20.05	938,222.90
Deposit	03/31/2020			Interest	40210 · Interes...	23.90	938,246.80
Deposit	04/30/2020			Interest	40210 · Interes...	23.14	938,269.94
Deposit	05/31/2020			Interest	40210 · Interes...	23.90	938,293.84
Total 12152 · Umpqua Checking BT Loan						938,293.84	938,293.84
TOTAL						938,293.84	938,293.84

Scotia Community Services District
Account QuickReport
As of May 31, 2020

Type	Date	Num	Name	Memo	Split	Amount	Balance
12151 · Umpqua Park & Rec Savings							
Transfer	02/04/2020			Funds Transfer	10000 · RCB C...	272,631.00	272,631.00
Deposit	02/29/2020			Interest	40210 · Interes...	97.10	272,728.10
Deposit	03/31/2020			Interest	40210 · Interes...	69.86	272,797.96
Deposit	04/30/2020			Interest	40210 · Interes...	11.22	272,809.18
Deposit	05/31/2020			Interest	40210 · Interes...	11.58	272,820.76
Total 12151 · Umpqua Park & Rec Savings						272,820.76	272,820.76
TOTAL						272,820.76	272,820.76

Scotia Community Services District
Account QuickReport
As of May 31, 2020

Type	Date	Num	Name	Memo	Split	Amount	Balance
12155 · Umpqua CD Wastewater							
Transfer	02/04/2020			Funds Transfer	10000 · RCB C...	200,000.00	200,000.00
Deposit	02/29/2020			Interest	40210 · Interes...	227.95	200,227.95
Total 12155 · Umpqua CD Wastewater						200,227.95	200,227.95
TOTAL						200,227.95	200,227.95

Scotia Community Services District
Account QuickReport
As of May 31, 2020

Type	Date	Num	Name	Memo	Split	Amount	Balance
12154 · Umpqua CD Streets & Streetlight							
Transfer	02/04/2020			Funds Transfer	10000 · RCB C...	106,761.00	106,761.00
Deposit	02/29/2020			Interest	40210 · Interes...	121.68	106,882.68
Total 12154 · Umpqua CD Streets & Streetlight						106,882.68	106,882.68
TOTAL						106,882.68	106,882.68

Scotia Community Services District
Account QuickReport
As of May 31, 2020

Type	Date	Num	Name	Memo	Split	Amount	Balance
12153 · Umpqua CD Drainage							
Transfer	02/04/2020			Funds Transfer	10000 · RCB C...	35,711.00	35,711.00
Deposit	02/29/2020			Interest	40210 · Interes...	40.70	35,751.70
Total 12153 · Umpqua CD Drainage						35,751.70	35,751.70
TOTAL						35,751.70	35,751.70



SCOTIA COMM SVCS DIST
Account Number: XXXX XXXX XXXX 0143

Billing Questions:

800-367-7576

Website:

www.cardaccount.net

Send Billing Inquiries To:

Card Service Center, PO Box 569120, Dallas, TX 75356

REDWOOD CAPITAL BANK Credit Card Account Statement
September 8, 2020 to October 8, 2020

SUMMARY OF ACCOUNT ACTIVITY

Previous Balance	\$1,950.59
- Payments	\$1,950.59
- Other Credits	\$0.00
+ Purchases	\$986.40
+ Cash Advances	\$0.00
+ Fees Charged	\$0.00
+ Interest Charged	\$0.00
= New Balance	\$986.40

Account Number XXXX XXXX XXXX 0143
Credit Limit \$27,000.00
Available Credit \$25,063.00
Statement Closing Date October 8, 2020
Days in Billing Cycle 31

PAYMENT INFORMATION

New Balance: \$986.40
Minimum Payment Due: \$29.60
Payment Due Date: November 2, 2020

TRANSACTIONS

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
09/08	09/08	F112700LC00CHGDDA	AUTOMATIC PAYMENT - THANK YOU	\$1,950.59-
			TOTAL XXXXXXXXXXXXX0143	\$1,950.59-
09/08	09/09	0230537LD00EYDJ6Y	USPS PO 0570740678 SCOTIA CA 99 supplies	\$14.80
09/10	09/13	0514047LF2X48JH6S	RENNER PETROLEUM SCO SCOTIA CA 10/30 gas	\$56.81
09/16	09/17	0230537LM00ELED52	USPS PO 0570740678 SCOTIA CA 99 supplies	\$70.00
09/22	09/23	5543286LS5SVS8M6V	HOTELSCOM9196977716421 HOTELS.COM WA 10 training	\$252.46
09/24	09/25	5545885LWLQK6JW7J	USCELL RECURRING 1111111111 IL seepast (sp)	\$321.09
09/24	09/25	0230537LX00E4JM2Y	USPS PO 0570740678 SCOTIA CA 99 supplies	\$26.35

Transactions continued on next page

Please see reverse side of page 1 for important information.

5762 0001 BHH 001 7 4 201008 0

PAGE 1 of 2

15 1127

4709 VB5 01AB5762

8698

REDWOOD CAPITAL BANK
1550 N BROWN RD 150
LAWRENCEVILLE GA 30043



Account Number: XXXX XXXX XXXX 0143
New Balance: \$986.40
Minimum Payment Due: \$29.60
Payment Due Date: November 2, 2020

Please use enclosed envelope to remit payment.

Amount Enclosed: \$

☐ Indicate name or address change on reverse side and check here.

Make Check Payable to:

CARD SERVICE CENTER
PO BOX 569100
DALLAS TX 75356-9100

SCOTIA COMM SVCS DIST 8698
PO BOX 104
SCOTIA CA 95565-0104



559061470970014300002960000986409



SCOTIA COMM SVCS DIST
Account Number: XXXX XXXX XXXX 0143

TRANSACTIONS (continued)

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
09/24	09/27	0230537LY00GB15YA	TRACTOR SUPPLY CO #179 FORTUNA CA - 30 supplies	\$11.92
09/27	09/28	5543286LZ5SZSRBYF	INTUIT *PAYROLLEE USAG 833-830-9255 CA 34	\$6.00
10/02	10/02	5543286M45V44Z6FQ	CLEARPATHGPS, INC. 805-979-3442 CA SP	\$65.00
10/02	10/04	5542950M4JHGX2ER8	ZOOM.US 888-799-9666 8887999666 CA SP	\$14.99
LESLIE D MARSHALL				
TOTAL XXXXXXXXXXXXXXX1117				\$839.42
09/10	09/11	5541734LE7LGHE002	101 AUTO PARTS RIO DELL CA	\$21.74
09/15	09/17	8523072LLWGN8ZM5L	ROOT 101 NURSERY RIO DELL CA	\$6.84
09/16	09/18	0230537LN00ESL2LW	TRACTOR SUPPLY CO #179 FORTUNA CA - 30 supplies	\$24.93
10/01	10/04	5530876M4FXZZNW1H	SHELL OIL 574300524QPS EUREKA CA - gas 10	\$7.03
10/01	10/04	0514048M43FRB3K2P	HILLTOP VALERO REDDING CA - gas 10	\$30.23
10/01	10/04	0514048M43FRDDY1K	WEAVERVILLE VALERO WEAVERVILLE CA - gas 10	\$44.30
10/02	10/05	0230537M55SAF8FHW	AUTOZONE #4142 FORTUNA CA	\$11.91
BRANDON W WISHNEFF				
TOTAL XXXXXXXXXXXXXXX1133				\$146.98

INTEREST CHARGE CALCULATION

Your Annual Percentage Rate (APR) is the annual interest rate on your account

Type of Balance	Annual Percentage Rate (APR)	Balance Subject to Interest Rate	Days in Billing Cycle	Interest Charge
Purchases	14.24% (v)	\$0.00	31	\$0.00
Cash Advances	14.24% (v)	\$0.00	31	\$0.00

(v) - variable

To avoid additional interest charges, pay your New Balance in full on or before the Payment Due Date.

Exciting news! Go online today and check out the all-new enhancements to the Card Service Center website. E-statements, additional payment options, links to Preferred Points website, and other helpful sites. Visit us today at www.cardaccount.net to enroll your credit card account(s) on the newly enhanced website.

Thank you for the opportunity to serve your credit card needs. Should your future plans include travel, please contact us at 1-800-367-7576.

Please see reverse side of page 1 for important information.



LESLIE D MARSHALL
Account Number: XXXX XXXX XXXX 1117

Billing Questions:
800-367-7576

Website:
www.cardaccount.net

Send Billing Inquiries To:
Card Service Center, PO Box 569120, Dallas, TX 75356

REDWOOD CAPITAL BANK Credit Card Account Statement
October 8, 2020

SUMMARY OF ACCOUNT ACTIVITY

Previous Balance	\$0.00
- Payments	\$0.00
- Other Credits	\$0.00
+ Purchases	\$0.00
+ Cash Advances	\$0.00
+ Fees Charged	\$0.00
+ Interest Charged	\$0.00
= New Balance	\$0.00

Account Number	XXXX XXXX XXXX 1117
Credit Limit	\$15,000.00
Available Credit	\$14,050.00
Statement Closing Date	October 8, 2020
Days in Billing Cycle	0

PAYMENT INFORMATION

New Balance:	\$0.00
Minimum Payment Due:	\$0.00
Payment Due Date:	November 2, 2020

TRANSACTIONS

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
09/08	09/09	0230537LD00EYDJ6Y	USPS PO 0570740678 SCOTIA CA	\$14.80
09/10	09/13	0514047LF2X48JH6S	RENNER PETROLEUM SCO SCOTIA CA	\$56.81
09/16	09/17	0230537LM00ELED52	USPS PO 0570740678 SCOTIA CA	\$70.00
09/22	09/23	5543286LS5SVS8M6V	HOTELSCOM9196977716421 HOTELS.COM WA	\$252.46
09/24	09/25	0230537LX00E4JM2Y	USPS PO 0570740678 SCOTIA CA	\$26.35
09/24	09/25	5545885LWLQK6JW7J	USCELL RECURRING 1111111111 IL	\$321.09
09/24	09/27	0230537LY00GB15YA	TRACTOR SUPPLY CO #179 FORTUNA CA	\$11.92

Transactions continued on next page

Please see reverse side of page 1 for important information.

5762 0001 BHH 001 7 4 201008 0

PAGE 1 of 2

15 1127

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8699

REDWOOD CAPITAL BANK
1550 N BROWN RD 150
LAWRENCEVILLE GA 30043



Account Number: XXXX XXXX XXXX 1117
New Balance: \$0.00
Minimum Payment Due: \$0.00
Payment Due Date: November 2, 2020

Please use enclosed envelope to remit payment.

Amount Enclosed: \$



Indicate name or address change on reverse side and check here.

Make Check Payable to:

CARD SERVICE CENTER
PO BOX 569100
DALLAS TX 75356-9100



LESLIE D MARSHALL
SCOTIA COMM SVCS DIST 8699
PO BOX 104
SCOTIA CA 95565-0104



559061470970111700000000000000000003

packet page 21



LESLIE D MARSHALL
Account Number: XXXX XXXX XXXX 1117

TRANSACTIONS (continued)

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
09/27	09/28	5543286LZ5SZSRBYF	INTUIT *PAYROLLEE USAG 833-830-9255 CA	\$6.00
10/02	10/02	5543286M45V44Z6FQ	CLEARPATHGPS, INC. 805-979-3442 CA	\$65.00
10/02	10/04	5542950M4JHGX2ER8	ZOOM.US 888-799-9666 8887999666 CA	\$14.99
10/08	10/08	000000000000COMPC	TOTAL PURCHASES	\$839.42
			TOTAL	\$839.42

INTEREST CHARGE CALCULATION

Your Annual Percentage Rate (APR) is the annual interest rate on your account

Type of Balance	Annual Percentage Rate (APR)	Balance Subject to Interest Rate	Days in Billing Cycle	Interest Charge
Purchases	14.24% (v)	\$0.00	0	\$0.00
Cash Advances	14.24% (v)	\$0.00	0	\$0.00

(v) - variable

To avoid additional interest charges, pay your New Balance in full on or before the Payment Due Date.

Exciting news! Go online today and check out the all-new enhancements to the Card Service Center website. E-statements, additional payment options, links to Preferred Points website, and other helpful sites. Visit us today at www.cardaccount.net to enroll your credit card account(s) on the newly enhanced website.

Thank you for the opportunity to serve your credit card needs. Should your future plans include travel, please contact us at 1-800-367-7576.

Please see reverse side of page 1 for important information.



UMPQUA
B · A · N · K

LESLIE D MARSHALL
SCOTIA CSD

Account Number: ##### 3777
Closing Date: 09/30/20
Credit Limit: \$25,000.00
Available Credit: \$5,417.34

Page 1 of 2

VISA

Account Inquiries



Customer Service: (866) 777-9013
Lost or Stolen Card: (866) 839-3485



Please Direct Written Inquiries to:
UMPQUA BANK
PO BOX 1952
SPOKANE, WA 99210-1952

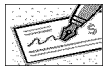


To pay on-line:
www.umpquabank.com

Account Summary

Previous Balance	\$	0.00
Purchases	+	0.00
Cash	+	0.00
Special	+	0.00
Credits	-	0.00
Payments	-	0.00
Other Debits	+	0.00
Finance Charges	+	0.00
NEW BALANCE	\$	0.00

Payment Information



Total Minimum Payment Due \$0.00

Minimum Payment \$ 0.00

Payment Due Date 10/25/20

Mail Payments to: UMPQUA BANK PO BOX 2310 SPOKANE WA 99210-2310

Account Activity Since Your Last Statement

Trans Date	Post Date	Plan Name	Reference Number	Description	Amount
09/14	09/15	PPLN01	24692160258100032419550	PG&E/EZ-PAY 800-743-5000 CA	\$ 19,582.66
TOTAL TRANSACTIONS					\$ 19582.66

PLEASE DETACH COUPON AND RETURN PAYMENT USING THE ENCLOSED ENVELOPE - ALLOW 5 DAYS FOR MAIL DELIVERY

UMPQUA BANK
PO BOX 1952
SPOKANE WA 99210-1952



UMPQUA
B · A · N · K

Account Number

3777

Check box to indicate
name/address change
on back of this coupon ☐

Closing Date

09/30/20

New Balance

\$0.00

Total Minimum Payment Due

\$0.00

Payment Due Date

10/25/20

AMOUNT OF PAYMENT ENCLOSED

\$



LESLIE D MARSHALL
SCOTIA CSD
PO BOX 104
SCOTIA CA 95665-0104



MAKE CHECK PAYABLE TO:



UMPQUA BANK
PO BOX 2310
SPOKANE WA 99210-2310



INVOICE

DATE: October 30, 2020
TO: Paul Newmaker, Board President
Scotia Community Services District

INVOICE # 20-226-10

Approved for Payment

PROJECT: Scotia Community Services District Staffing Services for October 2020

Task 1 – Administrative Duties

1.1 Administrative Duties

General Admin tasks- filing, document prep, travel for meetings/staffing, responded to all incoming correspondence. Checked SCSD mail, phone messages. Staff meetings, operations meetings, etc.

1.2 Policies, Procedures, Ordinances

Reviewed Personnel Policies and Procedures, Financial Management Policy.

1.3 Community Meetings Preparation and Attendance

Met with parties on various District matters. Construction Meetings and continued coordination for Corridor Project/Phase 3 Subdivision plans via conference call.

1.4 CSD Board Meeting Preparation

Prepared agenda and board packet and attended regular and special board meetings. Zoom conference meetings for COVID-19. Coordinated with remote Board Clerk, Asst. GM.

1.5 Bookkeeping, Billing, Invoicing, and Banking

Accounts receivable and payable. QuickBooks and financial accounting. Banking. Payroll.

1.6 Website Postings, Emails, File Management

Regular website maintenance and development. Website posting and document publishing. General e-mail responses/correspondence. Filing records, etc. Email responses.

1.7 Budgeting

General budget review. End of Fiscal Year review and reports. Audit Prep.

1.8 Grant Research and Writing

Continued correspondence with SHN on water and wastewater planning grant applications. FEMA grant meetings, SDRMA claim. USDA Search Grant defunding. Submitted Cal OES grant for River Pumps Emergency Back-up Generator.

1.9 Personnel

Management and coordination of personnel, scheduling, policy review, etc. Conducted new Operator job interviews. Trained new Administrative position.

Task 2 – Operations/Management of District Assets

Continued operations for water, wastewater, parks and recreation, streets and street lighting, and storm drainage. WW Board meeting/inspection NPDES review and coordination with all staff, CIWQS/Lyris reporting, local limits study, log pond vegetation removal, park rentals, etc.

Services October 2020

Principal*	0 hours @ \$108 per hour	\$ 0.00
General Manager*	142.25 hours @ \$78 per hour	\$ 11,428.37
Asst. GM	30 hours @ \$58 per hour	\$ 1,792.20
W/WW Operations Superintendent**	16.75 hours @ \$58 per hour	\$ 1,000.65
GIS Analyst	0 hours @ \$72 per hour	\$ 0.00
Asst. Planner/Clerk*	0 hours @ \$62 per hour	\$ 0.00
Operator License Expenses		\$ 0.00
Mileage Expenses	25.80 miles @ \$ 0.575/ mile	\$ 14.84
AMOUNT THIS INVOICE # 20-226-10		\$ 14,236.05

* time and activities may include travel.

** Ops Superintendent hours now include license stipend hours and other licensure reimbursements.

Please make check payable to: Planwest Partners
P.O. Box 4581
Arcata, CA 95518
Tax Identification Number: 90-0262382

Scotia CSD: Planwest Partners Staffing - October 2020

Task					Planwest Partners Inc.										Year to Date Total	Remaining Budget
	Budget	July	August	Sept	Senior Planner	General Manager LM	Asst. GM ST	Ops Super-intendent BG	GIS Analyst JB	Asst. Planner/ Clerk	Planning Tech/Admin	Expense	Month Total			
Rate	\$231,715.68				\$94.76	\$80.34	\$59.74	\$59.74	\$74.16	\$63.86	\$43.26					
Task 1 - Administrative Duties	\$144,454.08												\$9,183.90	\$37,426.93	\$107,027.15	
1.1 Administrative Duties		\$1,384.84	\$1,647.17	\$1,480.35		14.00	3.00	10.00				\$14.84	\$1,916.22	\$6,428.57		
1.2 Policies, Procedures, Ordinances		\$521.18	\$580.92	\$477.92		2.00	5.00						\$459.38	\$2,039.40		
1.3 Community Meetings prep & attendance		\$140.60	\$723.06	\$562.38		4.75							\$381.62	\$1,807.65		
1.4 CSD Board Meeting (Prep & Attendance, Minutes)		\$1,144.85	\$1,245.27	\$702.98		7.50							\$602.55	\$3,695.64		
1.5 Bookkeeping, Banking, Billing, and Invoicing		\$1,807.65	\$1,024.34	\$4,298.19		27.75							\$2,229.44	\$9,359.61		
1.6 Website/Emails/File Management		\$1,032.06	\$1,032.06	\$1,072.23		9.00							\$723.06	\$3,859.41		
1.7 Budgeting		\$40.17	\$1,044.42	\$80.34		3.00							\$241.02	\$1,405.95		
1.8 Grant Research and Writing		\$261.11	\$120.51	\$40.17		16.00							\$1,285.44	\$1,707.23		
1.9 Personnel		\$2,285.57	\$1,645.94	\$1,846.79		16.00	1.00						\$1,345.18	\$7,123.48		
Task 2 - Operations/Management	\$87,261.60												\$5,052.15	\$21,224.53	\$66,037.07	
2.1 Treated Water, Raw Water, and Distribution		\$2,702.72	\$3,268.71	\$2,434.97		16.50	5.00	3.25					\$1,818.47	\$10,224.86		
2.2 Wastewater Collection, Treatment, Discharge, NPDES		\$1,738.64	\$1,790.14	\$2,034.56		18.25	12.00	3.50					\$2,392.18	\$7,955.51		
2.3 Stormwater and Drainage		\$0.00	\$0.00	\$0.00									\$0.00	\$0.00		
2.4 CSD Streets & Alleys, Street Lighting		\$0.00	\$0.00	\$0.00									\$0.00	\$0.00		
2.5 Parks Recreation: Community Forest, Theatre, Museum, Carpenter shop, Landscaping		\$400.67	\$1,001.16	\$760.66		6.50	4.00						\$761.17	\$2,923.66		
2.6 Land & Easements		\$40.17	\$0.00	\$0.00		1.00							\$80.34	\$120.51		
Staff Hours					0.00	142.25	30.00	16.75	0.00	0.00	0.00	Total Hrs	189.00			
Total	\$231,715.68	\$13,500.21	\$15,123.69	\$15,791.52	\$0.00	\$11,428.37	\$1,792.20	\$1,000.65	\$0.00	\$0.00	\$0.00	\$14.84	\$14,236.05	\$58,651.46	\$173,064.22	

Monthly Expenses	Expense
Mileage: 25.80 @ \$0.575/mile (miles)	\$14.84
Noticing Expenses	\$0.00
Printing Expenses	\$0.00
Postage Expenses	\$0.00
Monthly Expense Total	\$14.84

Scotia Community Services District Staff Report

DATE: November 19, 2020
TO: Scotia CSD Board of Directors
FROM: Leslie Marshall, General Manager and Julie Hawkins, Board Clerk
SUBJECT: Resolution of Appreciation for Past Directors

RECOMMENDATION:

Review and adopt Resolution 2020-14

DISCUSSION:

It is with gratitude that staff submits, for the public record, the District's gratitude to Scott Pitcairn for his service on the SCSD Board of Directors. His unwavering support of the mission of the Scotia CSD has helped provide a solid foundation for the future of the District and the Community.

ATTACHMENTS:

Resolution 2020 - 4: A Resolution of The Scotia Community Services District Board of Directors Recognizing, Honoring and Commending Scott Pitcairn for His Service as a Director for the Scotia Community Services District

RESOLUTION NO. 2020 - 14

A RESOLUTION OF THE SCOTIA COMMUNITY SERVICES DISTRICT BOARD OF DIRECTORS RECOGNIZING, HONORING AND COMMENDING SCOTT PITCAIRN FOR HIS SERVICE AS A DIRECTOR FOR THE SCOTIA COMMUNITY SERVICES DISTRICT

WHEREAS, from January 18, 2018 to December 4, 2020 Scott Pitcairn served as a Director on the Scotia Community Services District (CSD) Board of Directors; and

WHEREAS, throughout his service, Mr. Pitcairn showed great commitment and dedication to the community, his colleagues, and his family; and

WHEREAS, during his tenure, Mr. Pitcairn showed vision and patience, while skillfully navigating the complexities of the establishment of the Scotia CSD; and

WHEREAS, Mr. Pitcairn fostered collaboration and embodied the highest standards of leadership while serving as a Director on the Scotia CSD Board of Directors; and

NOW, THEREFORE, the Scotia CSD of Directors does hereby resolve as follows:

SECTION 1: The Scotia CSD expresses sincere gratitude, honor, commendation and recognition to Mr. Pitcairn for his dedication, commitment and service to the community and the Board of Directors.

SECTION 2: This Resolution shall become effective upon adoption.

Dated: November 19, 2020

APPROVED:

Paul Newmaker, Board President, Scotia CSD

ATTEST:

Julie Hawkins, Board Clerk, Scotia CSD

CLERK'S CERTIFICATE

I hereby certify that the foregoing is a true and correct copy of Resolution No. 2020-14, passed and adopted at a regular meeting of the Scotia Community Service District Board of Directors, County of Humboldt, State of California, held on the 19th day of November 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

Julie Hawkins, Board Clerk, Scotia CSD

Scotia Community Services District Staff Report

Date: November 19, 2020
To: Scotia CSD Board of Directors
From: Leslie Marshall, GM
Subject: Board Requested Letter to Humboldt County Supervisor Rex Bohn

RECOMMENDATION:

Staff recommends the Board review and approve and sign the Board Requested Letter to Humboldt County Supervisor Rex Bohn and direct staff to send if and when necessary.

ACTION:

Motion to approve and sign the Board Requested Letter to Humboldt County Supervisor Rex Bohn and direct staff to send if and when necessary.

DISCUSSION:

Presented to the Board in the General Manager's Report at the September 2020 Board Meeting, the river pump project had fallen by the wayside since Phase 2 completion and Phase 3 of the Scotia Subdivision began. After months of no forward progress on the River Pumps replacement, the General Manager drafted a letter, which was reviewed by legal counsel, and then sent to the state to request assistance from them on getting the secondary (and redundant) pump installed. Winter brings concerns that the District's singular pump may fail, without any redundancy in the system, and leave the District unable to provide adequate water service to the town. The General Manager shared the letter received in response, from the state with the board, attached, which suggests the District prepare to deal with a failed water system. It seems there is no recourse to get the river pump project moved forward through the State's support. A treatment inspection report was sent by the State the week of the Board meeting, also detailing the recourse if the District fails to provide adequate service. President Newmaker suggested that we send a letter to Supervisor Rex Bohn, that is attached for the Board's approval and signature.

FISCAL IMPACT:

No Fiscal Impact.

ATTACHMENTS:

Attachment A: SCSD Board letter to Rex Bohn
Attachment B: SCSD Staff Letter to State Div. of DW
Attachment C: State Response letter to SCSD Staff

November 6, 2020

Rex Bohn
1st District Humboldt County Supervisor
rbohn@co.humboldt.ca.us

RE: River Pump Replacement by the Town of Scotia LLC
Scotia Community Services District
Scotia, CA

Dear Rex,

We, the members of Scotia Community Services District (District) Board of Directors, are writing to you due to our concern regarding our ability to provide your constituents in Scotia, CA with clean drinking water.

As you probably know, the Town of Scotia LLC (TOS) is in the process of subdividing the town into parcels for purchase by individual owners and in order to accomplish this, California subdivision law requires that community services such as drinking water supply and waste water processing, are provided (or can be provided) to all parcels. One of the requirements, for the subdivision of Scotia, is that the TOS will replace the existing river water supply pumps with new river water supply pumps.

The process of upgrading and replacing the river pumps has been ongoing for the last three years. From the District's understanding, two historic 1400-volt pumps were replaced by TOS in 2010 and 2012. In 2017, one of the redundant river supply pumps failed and was removed from the river intake structure in September of 2017. The District has been supplying water from a singular TOS river pump, with no redundant system, to the citizens and businesses in Scotia for over 3 years.

TOS has attempted three times to replace the pumps with newly configured pumps and motors, each time they failed, and the issue has still not been resolved. TOS and its team (contractors and engineers) are investigating the cause of the catastrophic failures, however a distinct lack of urgency for a situation, which is risky and has a bearing on public health, has been present within the timelines of the replacements. The District needs a successful path to completion and our customers deserve consistently safe and reliable drinking water.

In August 2020, The District contacted Barry Sutter of the State Water Resources Control Board, Division of Drinking Water regarding this issue. His recommendations included a suggestion that the District prepare for the potential of a water outage with mitigations for the singular pump failure. He also indicated that the water treatment plant, with its current operations plan may not be able to filter the highly turbid raw river water during the winter months if a temporary portable pump has to be installed to obtain water from the river during high water. The letter from the District General Manager to Barry Sutter and his letter in response have been attached to this letter for your review.

The District's concern is that the redundancy of the two pumps, which was originally present in the system at the transfer of assets from TOS to the District, should be present now and has not been restored by the TOS. Additionally, since the last failure of a new pump and motor in April 2020, TOS has not prioritized the resolution of the issue and has instead proceeded with construction of the Phase 3 improvements for the subdivision.

We are identifying this issue to for you with the hope that you can further communicate and escalate the District's concern to TOS, and provide the District with the support necessary to prioritize the completion of the pump and motor replacement project.

The current situation, where we are entering into our fourth wet weather winter season without water supply redundancy, is unacceptable and puts the District and your constituents at risk. We have a responsibility to provide safe drinking water to Scotia and our ability to provide that water service is currently outside of our control.

Please help us to expedite and complete the installation of the redundant water supply system in Scotia.

Sincerely,

Scotia Community Services District, Board of Directors

Paul Newmaker

Date

Diane Black

Date

Scott Pitcairn

Date

Susan Pryor

Date

Nina Sellen

Date

August 27, 2020

Barry Sutter, P.E., Klamath District Engineer
Division of Drinking Water
State Water Resources Control Board

Hello Mr. Sutter,

As you are aware, the river pumps in Scotia are in process of being replaced. This project has been in progress for the last three years (redundant pump that broke was pulled in September 2017), and we may be faced with yet another winter running on only one river pump without redundancy in our system.

For context and background:

Scotia is still being subdivided and assets upgraded prior to transfer by Town of Scotia LLC (TOS) to the Scotia Community Services District (District). Currently the Water Treatment Plant (WTP), tanks, and distribution linear infrastructure in phases 1 & 2 of the subdivision have been transferred to District ownership, along with the water rights and license and treatment and production responsibility. TOS still retains ownership and is responsible for upgrading linear infrastructure in phases 3-5, and within the “utility corridor” which includes the river pumps and motors, infiltration gallery, and linear infrastructure from the river intake to the storage tanks at the WTP.

As I understand, the two old 1400-volt pumps were replaced in 2010 and 2012 by TOS and are still under their ownership. One pump failed in 2017 and was pulled in September 2017 with the understanding that it would be replaced with the new proposed 480-volt pumps and motors under the Corridor Project (see attached plans). The District has been supplying water from one river pump, without any redundancy since September 2017 (see photos).

Since then TOS and, their team of engineers and contractors have installed three sets of pumps and motors with the new configuration, all of which have failed, blew up, burnt out, etc. The last failure occurred in April of this year. Their team is still investigating the cause of these circumstances with electrical engineers, pump and motor manufacturers, etc.

Concerns and constraints of winter work:

The lack of redundancy continues to be a concern for the District, particularly in winter months, as the Eel River levels can be unpredictable. For example, in 2019, we had several instances where the entire river pump chamber was under water because the Eel was at flood stage (see photos) October 15, 2020 - May 15, 2021 dates in previous conversation are tied to the SWPPP for the project. Due to the current state of the river access road being completed above the river

intake, so long as the pump intake casing is not inundated with water, crews should be able to work on the pumps within this time frame, but will not necessarily be able to have heavy equipment on the river bar itself. Worst case scenario would be for the singular pump to fail in a condition such as this.

Backup options:

If the single pump fails, the District will have to put a draft pump directly into the river to supply the town with water. Supposedly this has been done in the past, but is certainly not ideal for several reasons.

Supply for town and industrial customers:

In the past TOS has rented a 6” tow-behind draft pump from Danielson Construction in this circumstance. ***IF*** that pump or one of similar capacity is available, it would be able to supply sufficient water in an emergency circumstance. Any smaller draft pump, however, will likely be unable to keep up with the demand that our customers need on a daily basis in comparison with our river pumps. In addition to supplying residents and commercial customers with water, we also supply large industrial customers with both treated and raw water, namely the Humboldt Sawmill Company Mill and Humboldt Redwood Company Power Plant. These businesses use on average 166,273 cu ft (1,243,808 gallons) per month (5,542 cu ft per day, or 41,457 GPD) in treated water, and 11,147,153 gallons per month (371,571 GPD) of raw water, the highest recent usage has been closer to 16,075,000 gallons per month, approximately 535,833 GPD of raw water. In past emergency circumstances (PG&E Public Safety Power Shutoff events) the District has had to make the difficult decision to shut down their operations in order to conserve water supply for the rest of town. This is not an ideal circumstance but would be a likely necessity if our pumps were to fail. The District must be able to keep up with the demand of our entire customer base.

Treatment concerns:

In addition to supply concerns, there are treatment concerns as well. Our intake gallery is approximately 30 feet below the river bed, which provides an extent of natural filtration before the water is pumped to our reservoirs. In the winter months the Eel River can spike in turbidity to levels that max out our turbidity meters, even with the filtration through the river bed. Pumping directly from the river with a draft pump will increase the need for polymer, settling time, and increase the necessary frequency of backwashing the filters.

If this particular scenario went on for longer than just an “emergency” time period, it would put additional strain on an already aged system. Though filter media was replaced by TOS in 2017 around the time of transfer to the District, on recent annual inspections, observed cracks in the baffles have worsened, anthracite media that was replaced in 2017, but has been largely lost because of the state of the filters, and already needs to be re-added. Additional backwashing

(potentially necessary every day if we are drawing directly from in-stream) would worsen and accelerate an already strained and deteriorating system.

Other treatment concerns include the potential for other contaminants including e-coli and other bacteria that, again, are more likely to be present when drawn directly from the surface of the river.

In closing, the District has observed that the river pump replacement project appears to no longer be a priority, since the last new pump and motor installation failed in April 2020. The District acknowledges and understands the delays due to COVID-19 that have put a strain on every industry and projects, **HOWEVER**, other projects have clearly taken precedence over the pumps replacement (namely phase 3 of the Scotia subdivision) in recent months, and this is of **GRAVE** concern for the District at this juncture.

The District would appreciate any and all help the State Division of Water Resources is willing and able to provide at this point. This is not a project that can afford to take a “back seat” any longer.

Sincerely,

Leslie Marshall

Leslie Marshall, General Manager
Scotia Community Services District

September 4, 2020

Leslie Marshall, Scotia Community Services District (CSD) General Manager
P.O. Box 104
Scotia, CA 95565

Subject: Scotia CSD Public Water System; Intake Pumps; PWS# 1210010

Attn: Leslie Marshall, General Manager

Thank you for your August 7, 2020 letter describing your concerns about the potential risks of operating the public water system with just one intake pump at the Eel River. It is apparent that with no other source of water, the community of Scotia would certainly face serious outage problems if the intake pump were to fail without a second working pump. I highly recommend that all parties involved work diligently and cooperatively to ensure that the second pump is installed as soon as possible.

Also, your point is well taken regarding the use of an emergency draft pump which pumps water directly from the Eel River. The water treatment plant, with the current operations plan, may not be able to filter the highly turbid raw water especially during the winter months.

Until the second intake pump can be installed it is highly recommended that Scotia CSD plan for a water outage caused by failure of the intake pump. Please consider the following:

- Prepare a *Water Conservation Notice* (distribute immediately if pump fails)
- Keep tanks as full as operationally possible at all times
- Prepare a Boil Water Advisory (if system is depressurized)
- Ensure all emergency draft pump(s) and appurtenances are in working order and deployable
- Amend treatment operations plan for higher turbidity and increased chlorine demand scenario

If you have any questions, please contact Ronnean Lund at (530) 224-6505 or me at (530) 224-4875.

Sincerely,



Barry Sutter, P.E., Klamath District Engineer
Division of Drinking Water
State Water Resources Control Board

Cc: Frank Bacik, Town of Scotia, LLC

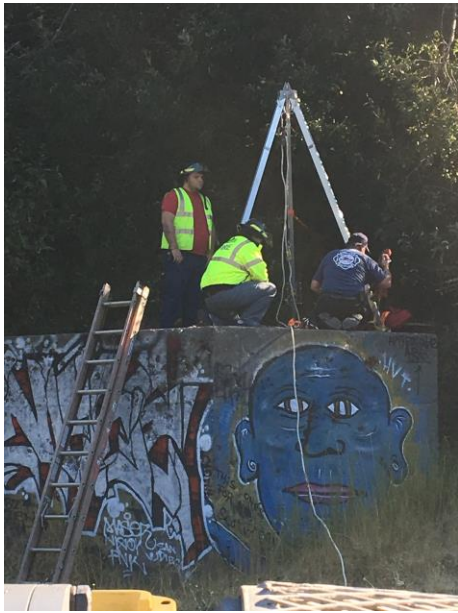


Filter Baffle Cracks



Flood Stage at
Pumps





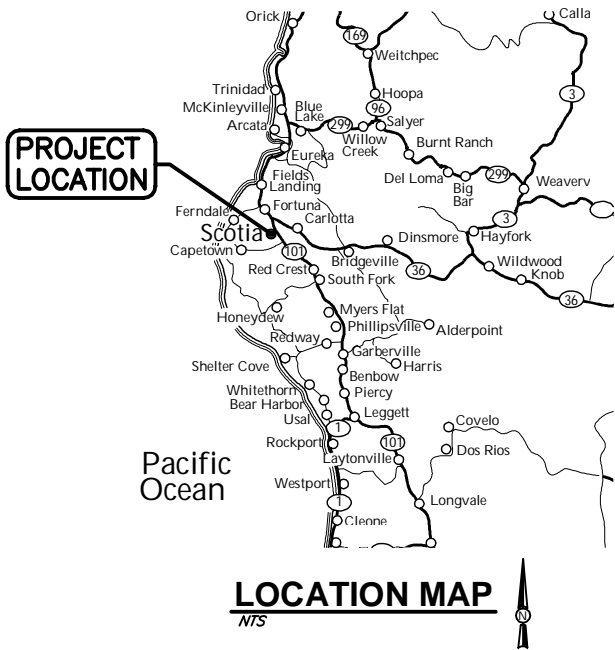
Pulled Pump 9/27/17



TOWN OF SCOTIA, LLC

UTILITY CORRIDOR

SCOTIA, CALIFORNIA



PREPARED BY:



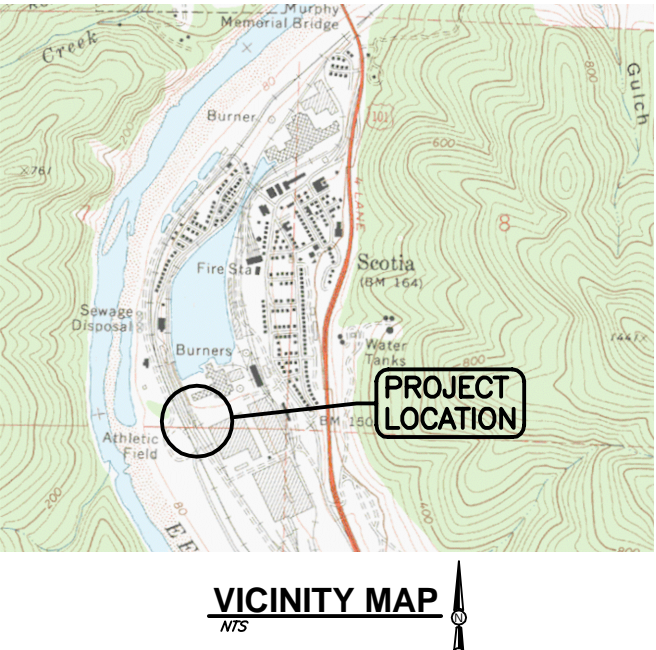
MARCH 2018

APPROVALS

GREG HUFFORD, PE
SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
PROJECT MANAGER/OWNER'S REP

DATE

DATE



INDEX OF SHEETS

SEQ	SHEET	TITLE
1	G-1	COVER
2	G-2	STANDARD ABBREVIATIONS AND LEGENDS
3	G-3	NOTES
4	G-4	CORRIDOR UTILITIES OVERVIEW
5	G-5	EROSION AND SEDIMENT CONTROL NOTES
6	G-6	EROSION AND SEDIMENT CONTROL DETAILS
7	C-1	CORRIDOR UTILITIES
8	C-2	CORRIDOR UTILITIES
9	C-3	CORRIDOR UTILITIES
10	C-4	CORRIDOR UTILITIES
11	C-5	CORRIDOR UTILITIES
12	C-6	CORRIDOR UTILITIES
13	C-7	INTAKE WET WELL ACCESS ROAD
14	C-8	WATER DETAILS
15	C-9	WATER DETAILS
16	C-10	SEWER DETAILS
17	C-11	STORM DRAIN DETAILS
18	C-12	MISCELLANEOUS DETAILS
19	C-13	METER VAULT DETAILS
20	C-14	INTAKE WET WELL DEMOLITION
21	C-15	INTAKE WET WELL MODIFICATIONS

VERIFY SCALES
BAS IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

CONSULTING ENGINEERS
& GEOLOGISTS, INC.
WWW.SHN-ENGR.COM
812 W. WABASH AVE.
EUREKA, CA 95501
707-441-8855



BY	REVISION	DATE	NO.

DSGN	CDN	DR	CDN	CHK	GNH	APVD

TOWN OF SCOTIA, LLC
CORRIDOR UTILITIES
SCOTIA, CALIFORNIA
COVER



SHEET	G-1
SEQ	
DATE	03/2018
PROJ. NO.	005161.414

ABBREVIATIONS

A	ABN — ABANDON	G	GA — GAS
ABS — ANCHOR BOLT, AGGREGATE BASE	AC — ACRYLONITRILE-BUTADIENE-STYRENE	GALV — GALVANIZED	RC — RADIUS
ABD — ABANDON	ACP — ASBESTOS CEMENT PIPE	GIP — GALVANIZED IRON PIPE	RCP — REINFORCED CONCRETE PIPE
ACI — AMERICAN CONCRETE INSTITUTE	ADJ — ADJUSTABLE	GM — GAS METER	RD — ROAD
AGGR — AGGREGATE	AISC — AMERICAN INSTITUTE OF STEEL CONSTRUCTION	GPD — GALLONS PER DAY	RDCR — REDUCER
AL — ALUMINUM	ALT — ALTERNATE	GPH — GALLONS PER HOUR	RWD — REDWOOD
AP — ANGLE POINT	APPROX — APPROXIMATELY	GPM — GALLONS PER MINUTE	REF — REFER OR REFERENCE
ARCH — ARCHITECTURAL	ASTM — AMERICAN SOCIETY FOR TESTING & MATERIALS	GRD — GRADE OR GROUND	REINF — REINFORCED, REINFORCING OR REINFORCE
AUX — AUXILIARY	AT — AT	GSP — GALVANIZED STEEL PIPE	REQD — REQUIRED
B	BC — BEGIN CURVE	GV — GATE VALVE	RET — RETURN
BCR — BEGIN CURB RETURN	BD — BOARD	GYP — GYPSUM	RH — RIGHT HAND
BF — BLIND FLANGE	BFV — BUTTERFLY VALVE	H	HDBE — HOSE BIBB
BK — BOOK OR BACK	BLDG — BUILDING	HDP — HIGH DENSITY POLYETHYLENE	HDR — HEADER
BM — BENCH MARK, BEAM	BMP — BEST MANAGEMENT PRACTICE	HDW — HARDWARE	HMA — HOT MIX ASPHALT
BO — BLOW OFF	BOT — BOTTOM	HOR — HORIZONTAL	HP — HOUR
BRG — BEARING	BTWN — BETWEEN	HR — HOUR	HT — HEIGHT
BV — BALL VALVE	BVC — BEGINNING OF VERTICAL CURVE	HW — HOT WATER	HWR — HOT WATER RETURN
BW — BACK OF WALK	BWV — BACKWATER VALVE	HWS — HOT WATER SUPPLY	I
C	CA — CHANNEL (STRUCTURAL SHAPE)	ID — INSIDE DIAMETER	IN — INCH
CARV — COMBINATION AIR AND VACUUM RELEASE VALVE	CATV — CABLE TELEVISION	INFL — INFLUENT	INSUL — INSULATE OR INSULATION
CB — CATCH BASIN	CEIL — CEILING	INT — INTERIOR	INV — INVERT
CFM — CUBIC FEET PER MINUTE	CFS — CUBIC FEET PER SECOND	IPS — IRON PIPE SIZE	J
CHEM — CHEMICAL	CI — CAST IRON	JP — JOINT POLE	K
CIP — CAST IRON PIPE	C.I.P. — CAST IN PLACE	KIP — THOUSAND POUNDS	KW — KILOWATT
CJ — CONSTRUCTION JOINT	CLR — CLEAR	L	LA — ANGLE (DEGREES)
CL — CENTERLINE	CMP — CORRUGATED METAL PIPE	LAT — LATERAL	LB — POUND
CMU — CONCRETE MASONRY UNIT	CTSK — COUNTERSINK	LF — LINEAR FEET	LG — LONG
CO — CLEANOUT	COL — COLUMN	LH — LEFT HAND	LONG — LONGITUDINAL
CONC — CONCRETE	CONT — CONTINUOUS OR CONTINUED	LP — LOW POINT	LPG — LIQUIFIED PETROLEUM GAS
COORD — COORDINATE	CPLG — COUPLING	LRP — LEGALLY RESPONSIBLE PARTY	LR — LONG RADIUS
CRS — COLD ROLLED STEEL	CTR — CENTER	LT — LEFT	LVC — LENGTH OF VERTICAL CURVE
CTS — COPPER TUBE SIZE	CU — CUBIC	M	MATL — MATERIAL
CU FT — CUBIC FEET	CV — CHECK VALVE	MATL — MATERIAL	MAX — MAXIMUM
CW — COLD WATER	CY — CUBIC YARD	MECH — MECHANICAL	MF — MEGA-FLANGE PIPE JOINT
D	d — DEGREE (ANGLE)	MFR — MANUFACTURER	MGD — MILLION GALLONS PER DAY
d — PENNY (NAIL SIZE)	DB — STORM DRAIN	MH — MANHOLE	MIN — MINIMUM OR MINUTE
DBL — DOUBLE	DF — DOUGLAS FIR	MIP — MALE IRON PIPE	MISC — MISCELLANEOUS
DI — DROP INLET OR DUCTILE IRON	DIA — DIAMETER	MJ — MECHANICAL JOINT	MNPT — MALE NATIONAL PIPE THREAD
DIA — DIAGONAL	DIM — DIMENSION	MTL — METAL	MWS — MAXIMUM WATER SURFACE
DIMJ — DUCTILE IRON MECHANICAL JOINT	DIP — DUCTILE IRON PIPE	N	(N) — NEW
DET — DETAIL	DWG — DRAWING	N — NORTHING OR NORTH	NC — NORMALLY CLOSED
DW — DRIVEWAY	E	NIC — NOT IN CONTRACT	NF — NON-FREEZE
E	(E) — EXISTING	NO — NUMBER OR NORMALLY OPEN	NOM — NOMINAL
EA — EACH	EA — EACH	NP — NEW PAVEMENT	NPT — NATIONAL PIPE THREAD
EC — END CURVE	ECR — END CURB RETURN	NTS — NOT TO SCALE	# — NUMBER
EF — EACH FACE	EFL — EFFLUENT	O	OC — ON CENTER
EG — EXISTING GRADE/GROUND	ELBOW — ELECTRIC OR ELECTRICAL	OD — OUTSIDE DIAMETER	OG — ORIGINAL GROUND
ELEC — ELEVATION	ENGR — ENGINEER	OVFL — OVERFLOW	OZ — OUNCE
EP — EDGE OF PAVING	EQ — EQUIPMENT	OH — OVERHEAD	P
EQUIP — EQUIPMENT	ER — EDGE OF ROAD	PC — POINT OF CURVE	PCC — PORTLAND CEMENT CONCRETE
EVC — END OF VERTICAL CURVE	EW — EACH WAY	PCF — POUNDS PER CUBIC FOOT	PE — PLAIN END
EW — EACH WAY, EACH FACE	EXC — EXCAVATE	PERF — PERFORATED	PEP — POLYETHYLENE PIPE
EXP — EXPOSED OR EXPANSION	EXP JT — EXPANSION JOINT	PI — POINT OF INTERSECTION	PL — PLATE
EXT — EXTERIOR	F	PLCS — PLACES	PLYWD — PLYWOOD
F	FL — FLANGE	PMP — PERFORATED METAL PIPE	POC — POINT ON CURVE
FC — FLEXIBLE COUPLING	FCA — FLANGED COUPLING ADAPTER	POT — POINT OF TANGENT	PP — POWER POLE
FD — FLOOR DRAIN	FDC — FIRE DEPARTMENT CONNECTION	PRC — POINT OF REVERSE CURVE	PREFAB — PREFABRICATED
FDN — FOUNDATION	FG — FINISHED GRADE	PRELIM — PRELIMINARY	PRESS — PRESSURE
FG — FINISHED GRADE	FH — FIRE HYDRANT	PROP — PROPERTY	PRV — PRIVATE
FIG — FIGURE	FIN — FINISH	PSF — POUNDS PER SQUARE FOOT	PSI — POUNDS PER SQUARE INCH
FIP — FEMALE IRON PIPE	FL — FLOW LINE	PSIG — POUNDS PER SQUARE INCH, GAUGE	PT — POINT OF TANGENCY, POINT
FLG — FLANGE	FLR — FLOOR	PUE — PUBLIC UTILITY EASEMENT	PV — PLUG VALVE
FLTR — FILTER	FO — FIBER OPTIC	PVC — POLYVINYL CHLORIDE PLASTIC	PVI — POINT OF VERTICAL INTERSECTION
FOC — FACE OF CONCRETE	FT — FOOT OR FEET	PVMT — PAVEMENT	Q
FT2 — SQUARE FEET	FT3 — CUBIC FEET	QTY — QUANTITY	
FTG — FOOTING	FUT — FUTURE		

CURVE DATA

R (RADIUS)
L (LENGTH)
Δ (DELTA)
T (TANGENT)

UTILITIES LEGEND

PROPOSED	EXISTING	
		GATE VALVE
		PLUG VALVE
		BALL VALVE
		BUTTERFLY VALVE
		AUTOMATICALLY OPERATED VALVE (P= PNEUMATIC, E= ELECTRIC, S= SOLENOID, H= HYDRAULIC, D= DIAPHRAGM ACTUATOR)
		3-WAY VALVE
		GLOBE VALVE
		ANGLE VALVE
		PRESSURE REGULATING VALVE
		PRESSURE RELIEF VALVE
		CHECK VALVE
		AIR OR VACUUM RELEASE VALVE
		AIR AND VACUUM VALVE
		COMBINATION AIR VALVE
		FLOW METER
		HOSE BIBB (NF= NON-FREEZE)
		REDUCER
		FIRE HYDRANT
		DROP INLET
		MANHOLE
		SEWER CLEAN OUT OR SEWER LATERAL
		UNDERGROUND ELECTRICAL
		OVERHEAD ELECTRICAL
		FIBER OPTIC LINE
		CABLE TELEVISION
		JOINT UTILITIES
		UNDERGROUND TELEMETRY LINE
		OVERHEAD TELEMETRY LINE
		UNDERGROUND TELEPHONE LINE
		OVERHEAD TELEPHONE LINE
		FIRE WATER LINE
		STEAM LINE
		WATER LINE
		SANITARY SEWER LINE
		STORM DRAIN LINE
		GAS LINE
		FORCE MAIN AND DIRECTION OF FLOW
		CULVERT
		POLE MOUNTED ROADWAY LUMINAIRE
		ITEM TO BE REMOVED
		ITEM TO BE ABANDONED IN PLACE
		WATER SERVICE— WM-1= SINGLE WM-2= DUAL
		PULL BOX AND DESIGNATION
		SIGN AND DESIGNATION

NOTES

1. CONTACT THE ENGINEER FOR SYMBOLS NOT LISTED.
2. THIS IS A STANDARD SHEET, THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET WHICH DO NOT APPEAR ON THE PLANS.
3. SITE AND UTILITY SYMBOLS SHOWN ON THIS SHEET ARE NOT INTENDED TO REPRESENT THE PHYSICAL SCALE OR SHAPE OF ANY ITEMS. WHERE LARGE-SCALE PLANS ARE PRESENTED, THE SYMBOLS SHOWN HEREON MAY BE REPLACED BY DETAILS MORE SUITED TO THE DRAWING SCALE.

TOPOGRAPHIC LEGEND

PROPOSED	EXISTING	
		P.I. (POINT OF INTERSECTION)
		TEMPORARY BENCH MARK
		FINISH GRADE ELEVATION
		ELEVATION OF ORIGINAL GROUND
		RADIAL POINT
		FLOW LINE AND DIRECTION
		TOP OF CUT
		TOP OF FILL
		TOE OF CUT OR FILL
		CONTOUR LINE
		CONCRETE (IN PLAN)
		CONCRETE (IN SECTION)
		PAVEMENT
		ROCKS
		STUMPS
		TREES
		ROADS
		UTILITY POLE (PP=POWER POLE, TP= TEL POLE, JP=JOINT POLE)
		GUY WIRE
		FENCE
		BOUNDARY LIMITS, W/DESIGNATION
		CENTERLINE
		MARSH
		WETLAND
		SPRING
		TEST PIT AND DESIGNATION
		EXPLORATION BORE HOLE
		PROPERTY CORNER
		SURVEY MONUMENT
		CONTROL POINT
		DRIVEWAY

DETAIL AND SECTION DESIGNATION

SECTION (LETTER)
OR DETAIL (NUMERAL)
DESIGNATION

INDICATES SECTION OR DETAIL TAKEN AND SHOWN ON SAME SHEET

ON DRAWING WHERE SECTION OR DETAIL IS TAKEN:

SHEET NUMBER WHERE SHOWN

ON DRAWING WHERE SECTION OR DETAIL IS SHOWN:

SHEET NUMBER WHERE TAKEN

STANDARD DETAIL NUMBER (DETAIL MAY BE SHOWN ON ANY SHEET WITHIN THE DRAWING SET)



VERIFY SCALES
BAS IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CONSULTING ENGINEERS & GEOLOGISTS, INC.
WWW.SHN-ENGR.COM
812 W. WABASH AVE.
EUREKA, CA 95501

BY
REVISION
DATE
NO.

DSGN CON
OR CON
CHK GNH
APVD

TOWN OF SCOTIA, LLC
CORRIDOR UTILITIES
SCOTIA, CALIFORNIA
STANDARD ABBREVIATIONS AND LEGENDS

SHEET
G-2
SEQ
DATE 03/2018
PROJ. NO. 005161.414

SAVED: 3/23/2018 4:45 PM CNEWELL, PLOTTED: 5/10/2018 3:12 PM NATHAN DOWNEY
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GENERAL NOTES:

- ALL WORK BASED ON THESE PLANS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE FOLLOWING:
 - HUMBOLDT COUNTY PUBLIC WORKS ENCROACHMENT PERMITS
 - CALTRANS STANDARD PLANS AND SPECIFICATIONS- 2010 WITH REVISIONS
 - TOWN OF SCOTIA, SCOTIA VOLUNTEER FIRE DEPARTMENT FIRE SAFETY REGULATIONS
 - THE CONTRACT PLANS AND SPECIFICATIONIN THE ABSENCE OF PLAN AND SPECIFICATION DEFINITION, THE MORE STRINGENT SHALL GOVERN IN CASE OF CONFLICT
- AS USED IN THESE DRAWINGS
OWNER: TOWN OF SCOTIA, LLC (TOS)
ENGINEER: SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
OWNER'S REPRESENTATIVE: CONSTRUCTION MANAGER, OBSERVERS, (HIRED BY TOS)
CONTRACTOR: FIRM CHOSEN TO PERFORM THE WORK

3. THE CONTRACTOR SHALL REFER TO THE SPECIFICATION "SECTION 01 57 00 TRAFFIC CONTROL VEHICULAR ACCESS AND PARKING" AND PREPARE A DETAILED TRAFFIC CONTROL PLAN FOR ALL WORK AREAS AND SHALL SUBMIT THE PLAN TO THE ENGINEER FOR DISCUSSION AND APPROVAL AT THE PRECONSTRUCTION MEETING. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH ALL REQUIRED PERMITS AND OTHER GUIDELINES LISTED ON THESE PLANS AND IN THE SPECIFICATIONS. THE CONTRACTOR SHALL CLEARLY SHOW ON HIS TRAFFIC CONTROL PLAN HOW HE INTENDS TO POSITION ALL SIGNS AND OTHER REQUIRED TRAFFIC CONTROL DEVICES THROUGHOUT THE WORK AREA DURING ALL PHASES OF CONSTRUCTION. THE TRAFFIC CONTROL PLAN SHALL CONFORM TO THE REQUIREMENTS OF THE CALTRANS' MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND APPLICABLE HUMBOLDT COUNTY PUBLIC WORKS PERMIT CONDITIONS.

4. IF THE CONTRACTOR WISHES TO USE WATER FROM THE TOS WATER DISTRIBUTION SYSTEM DURING THE COURSE OF THIS PROJECT, HE SHALL OBTAIN AND ATTACH A DOUBLE CHECK VALVE AT THE POINT WHERE HE CONNECTS TO THE WATER SYSTEM (I.E. AT A HYDRANT, WATER SERVICE, BLOW-OFF, ETC.). THE DOUBLE CHECK VALVE SHALL BE TESTED AND CERTIFIED BY EITHER A CERTIFIED TESTER OR THE DESIGNATED TOS REPRESENTATIVE AND APPROVED BY THE ENGINEER PRIOR TO USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF THE DOUBLE CHECK VALVE. CONTRACTOR SHALL MAKE ARRANGEMENTS WITH TOWN OF SCOTIA FOR WATER USE.

5. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DISPOSAL SITES AND SHALL PAY ANY AND ALL COSTS INVOLVED. WHEN ANY MATERIAL IS TO BE DISPOSED OF OUTSIDE THE PROJECT WORK AREA, THE CONTRACTOR SHALL OBTAIN BOTH A WRITTEN AGREEMENT BETWEEN THE PROPERTY OWNER AND THE CONTRACTOR AND A COPY OF THE PERMIT THAT ALLOWS MATERIAL DISPOSAL AT THE SUBJECT SITE. THE AGREEMENT SHALL GRANT THE CONTRACTOR PERMISSION TO USE THE PRIVATE PROPERTY AS A DISPOSAL SITE AND SHALL ABSOLVE THE TOS OF ALL RESPONSIBILITY FOR CONSEQUENCES OF SUCH USAGE. THE PERMIT COPY SHALL BE OBTAINED FROM THE PROPERTY OWNER, THE HUMBOLDT COUNTY BUILDING DEPARTMENT, THE TOS, OR OTHER REGULATORY AGENCY AS APPROPRIATE. BOTH THE AGREEMENT AND PERMIT SHALL BE FILED WITH THE ENGINEER PRIOR TO THE USE OF THE PROPERTY, AND THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE ENGINEER TO DISPOSE OF THE MATERIAL AT THE PROPOSED LOCATION DESIGNATED IN THE AGREEMENT AND ON THE PERMIT BEFORE ANY MATERIAL IS DISPOSED OF ON SAID PROPERTY. REFER TO THE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.

6. DISPOSAL OF NON-FRIABLE ASBESTOS-CONTAINING MATERIALS SHALL BE IN AN APPROVED LANDFILL IN ACCORDANCE WITH LOCAL, COUNTY, AND STATE GUIDELINES.

7. DISPOSAL OF MATERIALS IS NOT PERMITTED WITHIN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DISPOSAL SITES OUTSIDE OF THE RIGHT-OF-WAY, SHALL PAY ANY AND ALL COSTS INVOLVED, AND SHALL FURNISH THE TOS WITH ALL REQUIRED PERMITS AND DISPOSAL SITE AGREEMENTS. REFER TO THE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.

8. THE CONTRACTOR SHALL NOT COMMENCE WORK AT A SPECIFIC SITE UNLESS THE OWNER HAS BEEN PROVIDED 48-HOUR MINIMUM NOTICE, AND HAS APPROVED INITIATION OF THE WORK. IF WORK AT THAT SITE HAS BEEN DISCONTINUED, IT SHALL NOT BE RESUMED UNTIL THE OWNER HAS AGAIN BEEN PROVIDED 48-HOUR MINIMUM NOTICE AND GIVEN APPROVAL.

9. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE EXISTENCE, LOCATION, AND DEPTH OF UTILITIES IN ALL CONSTRUCTION ZONES. EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. NEITHER THE OWNER NOR THE ENGINEER MAKES A CLAIM AS TO THE ACCURACY AND COMPLETENESS OF THE UTILITIES SHOWN. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONFLICTS DISCOVERED IN THE FIELD. IN THE CASE OF CONNECTION TO EXISTING FACILITIES THE CONTRACTOR SHALL;

- EXPOSE THE EXISTING FACILITY,
- VERIFY LOCATION, SIZE, AND ELEVATION,
- NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- INCORPORATE CORRECTIONS INTO CONTRACT RECORD DRAWINGS.

10. THE WORKING DRAWINGS ARE GENERALLY DIAGRAMATIC. THEY DO NOT SHOW OR DESCRIBE EVERY OFFSET, DIMENSION, SECTION, OR COMPONENT REQUIRED TO COMPLETE THE PROJECT. THE CONTRACTOR SHALL CHECK EXISTING IN-FIELD CONDITIONS AT ALL WORK LOCATIONS BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR ADDITIONAL DETAILS OR CLARIFICATION.

11. ALL MATERIALS INCORPORATED INTO THE WORK, THE METHOD OF INSTALLATION, AND CONSTRUCTION TECHNIQUES SHALL BE APPROVED BY THE OWNER. TESTING PROCEDURES SHALL CONFORM TO THE CONTRACT DOCUMENTS, THE HUMBOLDT COUNTY ENCROACHMENT PERMIT, AND THE OWNER'S SPECIFICATIONS. THE OWNER MAY REQUIRE ADDITIONAL TESTS TO BE PERFORMED, AT THE EXPENSE OF THE OWNER, ON CERTAIN MATERIALS OR SPECIFIC ITEMS OF WORK. IF THE ITEM OR MATERIAL DOES NOT MEET THE REQUIRED CRITERIA, THE CONTRACTOR WILL BECOME RESPONSIBLE FOR THE EXPENSE OF THE TEST, REPLACEMENT OR REPAIR OF THE NON-CONFORMING ITEM OF WORK, AND SUBSEQUENT RE-TESTING.

12. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE EXECUTION OF THE WORK, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD OWNER, COUNTY OF HUMBOLDT, AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF THE WORK ON THIS PROJECT (EXCLUDING LIABILITY ARISING FROM THE NEGLIGENCE OF THE OWNER OR ENGINEER.)

13. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE QUALITY AND THE SCHEDULING OF ALL WORK PERFORMED BY HIS SUBCONTRACTORS, WITHOUT EXCEPTION.

14. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM THE FAILURE TO DO SO. ALL CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.

15. THE CONTRACTOR SHALL MAINTAIN ALL STREETS AND SIDEWALKS, AND ALL OTHER PUBLIC RIGHT-OF-WAY IN CLEAN, SAFE, AND USABLE CONDITION THROUGHOUT THE EXECUTION OF THE WORK. ALL SPILLS OF SOIL, ROCK, CONSTRUCTION DEBRIS, ETC. SHALL BE REMOVED IMMEDIATELY FROM PUBLICLY OWNED PROPERTY. ALL ADJACENT PROPERTY, PUBLIC OR PRIVATE, SHALL ALSO BE MAINTAINED IN A CLEAN, SAFE, AND USABLE CONDITION. THE CONTRACTOR SHALL PROVIDE FOR SAFE, UNOBSTRUCTED ACCESS TO PRIVATE PROPERTY ADJACENT TO THE WORK SITE, AND SAFE PASSAGE OF PUBLIC TRAFFIC THROUGH THE WORK ZONE DURING THE CONSTRUCTION PERIOD.

16. THE CONTRACTOR SHALL EMPLOY STANDARD BEST MANAGEMENT PRACTICES (BMPS) FOR EROSION CONTROL, INCLUDING BUT NOT LIMITED TO, IMPLEMENTING CONSTRUCTION DURING THE DRY SEASON, REMOVAL OF THE MINIMUM AMOUNT OF VEGETATION NECESSARY TO ACCOMPLISH THE WORK, PLACEMENT OF STRAW BALES OR COIR ROLLS DOWNSTREAM DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF PROJECT SWPPP AND ESCP.

17. BACKFILLING OF PROJECT COMPONENTS SHALL NOT PROCEED UNTIL THE OWNER'S REPRESENTATIVE HAS INSPECTED AND APPROVED THE INSTALLATION. COMPACTION OF BACKFILL SHALL PROCEED ACCORDING TO THE REQUIREMENTS OF SPECIFICATION "SECTION 31 00 00". PAVING SHALL NOT COMMENCE UNTIL COMPACTION TESTING AND ALL UNDERGROUND WORK IS COMPLETE AND APPROVED BY ENGINEER AND COUNTY.

18. AT LEAST 48-HOURS ADVANCE NOTICE SHALL BE PROVIDED BY THE CONTRACTOR TO THE OWNER WHEN REQUESTING INSPECTION OF INSTALLED PROJECT COMPONENTS. THE OWNER'S REPRESENTATIVE MUST BE PRESENT WHEN ASPHALT CONCRETE PAVING OR PORTLAND CEMENT CONCRETE IS BEING PLACED.

19. THE OUTSIDE EDGES OF CONCRETE COLLARS ASSOCIATED WITH ALL MANHOLE FRAMES/LIDS, UTILITY BOXES, AND SURVEY MONUMENTS THAT ARE LOCATED WITHIN THE LIMITS OF PAVING SHALL BE FLUSH WITH THE FINISH PAVING GRADE.

20. ALL NEW PUBLIC PEDESTRIAN FACILITIES, INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, DRIVEWAYS, AND CURB RAMPS SHALL BE ADA COMPLIANT, OR AS OTHERWISE INDICATED ON THE PLANS.

GENERAL NOTES CONTINUED:

21. RELOCATION OF EXISTING POWER OR TELEPHONE POLES, SEWERS, UNDERGROUND FACILITIES SUCH AS WATER, STORMWATER, OR IRRIGATION PIPELINES, AND OTHER SURFACE OR SUB-SURFACE UTILITY INSTALLATIONS NECESSARY TO CLEAR THE LIMITS OF THE PROPOSED WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS AND PERFORM THE WORK ACCORDING TO CONTRACT SPECIFICATION "SECTION 01 51 00" OR AS DIRECTED BY ENGINEER.

22. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS OR CHANGES FROM THESE PLANS, UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

23. THE CONTRACTOR SHALL CONTACT USA NORTH (1-800-227-2600) AND REQUEST FIELD MARKINGS OF ALL UNDERGROUND UTILITIES A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR DEMOLITION.

24. THE CONTRACTOR SHALL POSSESS A CLASS 'A' (GENERAL ENGINEERING) CONTRACTOR'S LICENSE, AS WELL AS A HUMBOLDT COUNTY BUSINESS LICENSE, AT THE TIME THE CONTRACT IS AWARDED.

25. SHEETING AND SHORING SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIFICATION "SECTION 31 50 00."

GENERAL ORDER OF WORK:

1. THE CONTRACTOR SHALL SUBMIT A PROPOSED INTERIM CONSTRUCTION SCHEDULE TO THE ENGINEER AND COUNTY WITHIN 10 WORKING DAYS AFTER EXECUTION OF THE CONTRACT SHOWING THE ORDER HE INTENDS TO CONSTRUCT ALL PORTIONS OF THIS PROJECT. THE ENGINEER SHALL PROVIDE EITHER APPROVAL OF THE CONTRACTOR'S SCHEDULE OR A LIST OF PROPOSED CHANGES TO THE SCHEDULE PRIOR TO CONSTRUCTION, AND THE CONTRACTOR SHALL ABIDE BY THAT APPROVED SCHEDULE THROUGHOUT THE COURSE OF THE PROJECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO THOROUGHLY EXAMINE THE JOB SITES, THE CONTRACT SPECIFICATIONS, AND THESE PLANS PRIOR TO SUBMITTING HIS BID. NO ADDITIONAL PAYMENT SHALL BE MADE BY THE OWNER FOR ANY EXPENSE THE CONTRACTOR MAY INCUR AS A RESULT OF HIS FAILURE TO ADEQUATELY ACQUAINT HIMSELF WITH THE EXTENT OF THE WORK TO BE DONE, THE GENERAL SITE CONDITIONS, OR THE REQUIREMENTS OF THE PLANS, CONTRACT DOCUMENTS, GENERAL PROVISIONS, SPECIAL PROVISIONS, AND REFERENCED SPECIFICATIONS (AWWA, CALTRANS, CAL/OSHA, ETC).

3. PRIOR TO ANY PAYMENTS BEING MADE CONTRACTOR SHALL SUBMIT TO ENGINEER A COMPLETE SCHEDULE OF VALUES FOR ALL LUMP SUM BID ITEMS. NO PAYMENTS SHALL BE MADE UNTIL ENGINEER HAS APPROVED THE SCHEDULE OF VALUES.

4. EXISTING SEWER, WATER, FIRE WATER, AND STORM DRAINS, UNLESS OTHERWISE NOTED, SHALL REMAIN IN OPERATION DURING CONSTRUCTION. WHEN CONSTRUCTION CONFLICTS ARISE THAT RESULT IN DISRUPTION OF THESE UTILITIES, THE CONTRACTOR SHALL MAKE REPAIRS TO A FULLY OPERATIONAL CONDITION BEFORE THE END OF THE SAME WORKING DAY. REQUESTS FOR EXCEPTIONS TO THIS REQUIREMENT MAY BE GRANTED BY THE OWNER OR ENGINEER.

5. THE EXISTING SEWER AND WATER SYSTEMS NEED TO REMAIN IN SERVICE UNTIL THE HOUSE CONNECTIONS TO THE NEW SYSTEMS ARE COMPLETED. THE EXISTING FIRE WATER SYSTEM WILL REMAIN IN SERVICE UNLESS NOTED OTHERWISE ON THESE PLAN SHEETS.

6. THE STORM DRAIN SYSTEM CONSTRUCTION AND DEMOLITION SEQUENCE SHALL MAINTAIN THE INTEGRITY OF THE STORM DRAIN CAPACITY AS REQUIRED BY PRECIPITATION FORECASTS. IN THE EVENT OF RAIN, TEMPORARY REPAIRS SHALL BE MADE AS DIRECTED OR APPROVED BY THE ENGINEER AND COUNTY.

7. EXISTING GAS, FIRE WATER, AND VARIOUS UNDERGROUND ELECTRICAL SYSTEMS (ELECTRICAL, TELEPHONE, CABLE) SHALL ALSO REMAIN IN OPERATION. IF ALTERATIONS TO THESE UTILITIES ARE REQUIRED, THE CONTRACTOR MUST COORDINATE WITH THE AFFECTED OWNER AND USERS OF THE FACILITIES FOR ANY ALTERATION WORK.

8. THE EXISTING STEAM LINE THAT CROSSES THE CORRIDOR ALIGNMENT AT "CR" 20+67 IS IN ACTIVE SERVICE AND MUST BE PROTECTED FROM DAMAGE.

9. THE CONTRACTOR SHALL DOCUMENT LOCATION OF FACILITIES TO BE ABANDONED IN PLACE WHEN THEIR EXACT LOCATION IS DISCOVERED DURING CONSTRUCTION; CONTRACTOR SHALL SHOW THESE LOCATIONS ON RECORD DRAWINGS.

SURVEY CONTROL NOTES:

HORIZONTAL DATUM: LOCAL COORDINATE SYSTEM

VERTICAL DATUM: NAVD 88 FROM USC&GS BENCH
MARK S 100 - ELEV. 166.43

PROJECT CONTROL POINTS				
PNT	NORTHING	EASTING	ELEVATION	DESCRIPTION
806	18256.87	19334.72	151.38	MAG NAIL
38250	17967.75	18791.94	118.19	MAG NAIL
38375	17893.35	18817.79	117.41	MAG NAIL
38445	17791.96	18629.37	116.02	MAG NAIL
38446	17650.58	18404.63	116.58	MAG NAIL

SEE SHEET G-4 FOR CONTROL POINT LOCATIONS

PLAN AND PROFILE SHEET NOTES:

- THE CONTRACTOR SHALL NOT BEGIN EXCAVATING UNTIL ALL EXISTING UTILITIES IN THE DESIGNATED WORK AREA HAVE BEEN MARKED IN THE FIELD. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT NORTH (USA) TWO WORKING DAYS BEFORE DIGGING AT (800) 227-2600 FOR LOCATES.
- CONTRACTOR IS TO ALSO CONTACT FRANK BACIK, TOS FOR THE LOCATING OF ALL TOS FACILITIES. (707) 764-4131
- EXISTING UTILITIES HAVE BEEN SHOWN ON THESE PLANS AND ARE TO BE USED FOR REFERENCE ONLY. THE ENGINEER MAKES NO CLAIM AS TO THE ACCURACY OR THE COMPLETENESS OF ANY OF THE EXISTING UNDERGROUND FEATURES. IT IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTENCE, LOCATION, AND DEPTH OF ALL UTILITIES LOCATED WITHIN CONSTRUCTION AREA. NOTIFY ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ANTICIPATE SIGNIFICANT EXISTING AND ABANDONED UTILITIES IN SCOTIA. ENGINEER WILL WORK WITH CONTRACTOR TO POT HOLE AND DETERMINE EXISTING UTILITY LOCATION PRIOR TO CONSTRUCTION OF SPECIFIC NEW INFRASTRUCTURE.
- SHOULD THE CONTRACTOR OR ANY OF HIS AGENTS OR EMPLOYEES ENCOUNTER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND SUSPEND WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERTAKE REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
- FIELD VERIFY ALL GRATE & RIM ELEVATIONS PRIOR TO INSTALLATION OF STORM DRAIN STRUCTURES.
- FOR DEMO/ABANDONMENT OF (E) INFRASTRUCTURE AND BOXES/INLETS SEE DEMO PLAN ON SHT C-1.

PLAN AND PROFILE SHEET LEGEND:

A	EXISTING AT&T LINE	O	EXISTING FIBER OPTIC LINE
D	EXISTING STORM DRAIN	S	EXISTING SANITARY SEWER
E	EXISTING ELECTRICAL LINE	T	EXISTING STEAM LINE
F	EXISTING FIRE WATER LINE	W	EXISTING WATER LINE
G	EXISTING GAS LINE		

LETTERS IN PROFILE VIEW REPRESENT THE APPROXIMATE LOCATION OF THE UTILITY.



VERIFY SCALES
BIG IS ONE INCH ON ORIGINAL DRAWING
1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

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812 W. WABASH AVE.
EUREKA, CA 95501

SHN

BY

REVISION

DATE

NO.

USGN GNH DR CDN CHK MKF APVD

TOWN OF SCOTIA, LLC
CORRIDOR UTILITIES
SCOTIA, CALIFORNIA

NOTES

SHEET
G-3

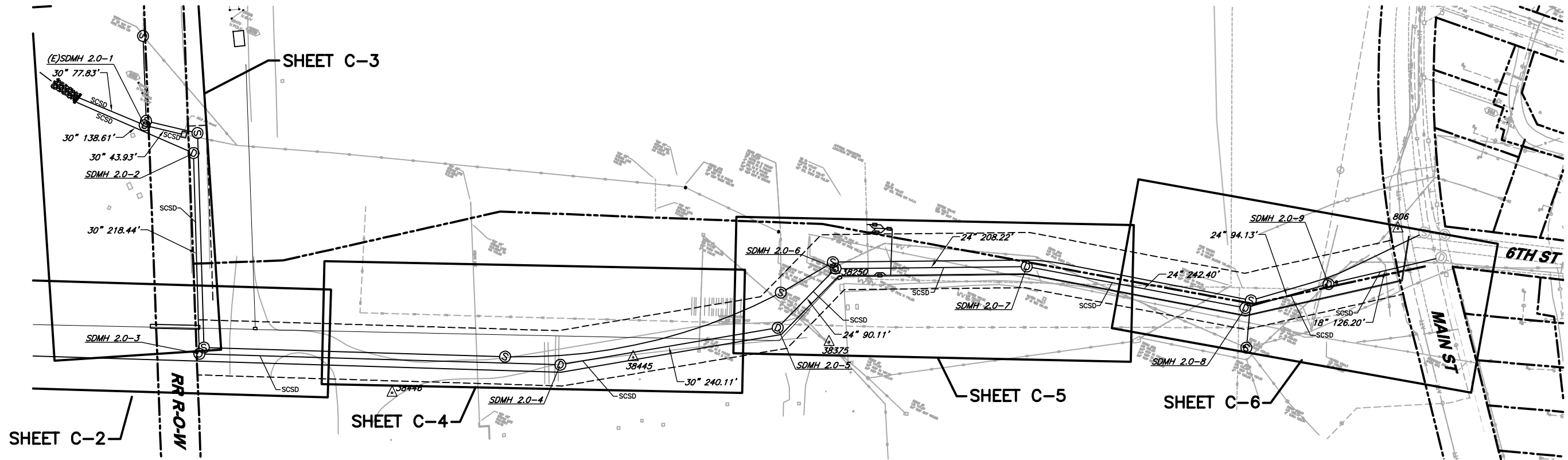
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03/2018

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LEGEND

SCSD

SD MAINTAINED BY SCOTIA COMMUNITY SERVICES DISTRICT

①

STORM DRAIN MANHOLE

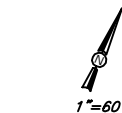
□

STORM DRAIN INLET

②

SANITARY SEWER MANHOLE

NOTE: ALL UTILITY LOCATIONS ARE SCHEMATIC



VERIFY SCALES
BBS IS ONE INCH ON
ORIGINAL DRAWING
IF NOT ONE INCH ON
THIS SHEET, ADJUST
SCALES ACCORDINGLY

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& GEOLOGISTS, INC.
WWW.SHN-ENGR.COM
812 W. WABASH AVE.
EUREKA, CA 95501
707-441-8855



NO.	DATE	REVISION	BY

DSGN	C/JL
DR	C/L/CDN
CHK	GNH
APVD	

TOWN OF SCOTIA, LLC
CORRIDOR UTILITIES
SCOTIA, CALIFORNIA
CORRIDOR UTILITIES OVERVIEW

SHEET	G-4
SEQ	
DATE	03/2018
PROJ. NO.	005161.414

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EROSION AND SEDIMENT CONTROL PLAN NOTES:

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE RECOMMENDATIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND PUBLISHED UPDATES, (SHN, 2013)
2. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL SCHEDULE, AND CONDUCT AN IN-FIELD PRE-CONSTRUCTION MEETING WITH THE OWNER AND THE ENGINEER TO DISCUSS THE INTENT AND THE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL PLAN (ESCP.)
3. CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS FAILURE TO DO SO. ALL CONSTRUCTION SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MANAGEMENT DISTRICT FOR AIRBORNE PARTICULATES.
4. THIS PLAN IS THE MINIMUM LEVEL OF PROTECTION REQUIRED. CONTRACTOR SHALL USE ADDITIONAL BMPs WHERE APPLICABLE AND AS NECESSARY TO PREVENT THE DISCHARGE OF POLLUTANTS IN STORMWATER RUNOFF. BMP FACT SHEETS ARE INCLUDED IN THE SWPPP.
5. IN THE EVENT THAT ANY ASPECT OF THIS PLAN FAILS, THE CONTRACTOR IS RESPONSIBLE FOR IMMEDIATELY CONTACTING THE ENGINEER TO MAKE A RECOMMENDATION FOR APPROVAL. UPON ENGINEERS APPROVAL, IN WHICH CASE THE RECOMMENDATION WILL BE IMPLEMENTED BY THE CONTRACTOR.
6. ALL SIGNIFICANT GRADING & EARTHWORK SHALL BE COMPLETED DURING THE NORTHCOAST DRY SEASON, BETWEEN APRIL 15TH AND OCTOBER 15TH, UNLESS WEATHER PERMITS OTHERWISE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES TO THE SATISFACTION OF THE ENGINEER AND THE LRP. EROSION AND SEDIMENT CONTROL CONTROL MEASURES AND THEIR INSTALLATION SHALL BE ACCOMPLISHED USING BMP'S AND SHALL AT A MINIMUM COMPLY WITH REQUIREMENTS OF THE PROJECT SWPPP.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DISCHARGE VIOLATIONS AND SHALL TAKE CORRECTIVE MEASURES TO BECOME COMPLIANT WITH THE PROJECT SWPPP.
9. ALL DISTURBED SOILS SHALL BE PROTECTED USING BEST MANAGEMENT PRACTICES, AS OUTLINED IN THE PROJECT SWPPP.
10. UNSTABILIZED, STORM DAMAGED AREAS WILL BE REPAIRED AS SOON AS POSSIBLE AND WITHIN 48 HOURS AFTER BEING DAMAGED.
11. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WHEN THEY ARE NO LONGER FUNCTIONING PER BEST MANAGEMENT PRACTICES GUIDANCE STANDARDS.
12. REFER TO THE PROJECT CONTRACT DOCUMENTS FOR THE CONTRACTOR'S RESPONSIBILITIES TO PAY ANY FINES ISSUED TO THE LRP FOR PERMIT VIOLATIONS.

SEDIMENT CONTROL

13. CONSTRUCTION OF EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES (BMP'S) SHALL CONFORM TO:
 - A. REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) PERMIT
 - B. PROJECT SPECIFICATIONS
14. IMPLEMENTATION OF THE ESCP AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE RECOMMENDED BMP'S ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED, THE WORK IS ACCEPTED BY THE OWNER, AND UNTIL PERMANENT REVEGETATION AND LANDSCAPING IS IN-PLACE AND ESTABLISHED.
15. THE BMP'S SHOWN ON THESE PLANS ARE THE MINIMUM ACCEPTABLE, AND MUST BE INSTALLED BEFORE ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITIES BEGIN. NEITHER SEDIMENT NOR SEDIMENT LADEN WATER SHALL BE ALLOWED TO ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER QUALITY OR AIR QUALITY STANDARDS.
16. THE CONTRACTOR SHALL INSPECT ALL BMP'S AT ACTIVE SITES ON A DAILY BASIS AND PERFORM MAINTENANCE AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. AT LEAST ONCE A MONTH, IMMEDIATELY PRIOR TO A FORECAST STORM EVENT, AND WITHIN 24 HOURS FOLLOWING A STORM EVENT THE CONTRACTOR SHALL INSPECT BMP'S AT INACTIVE SITES AND MAKE REPAIRS AS NECESSARY,
17. STREET SWEEPING AND CLEANING MUST BE PERFORMED BY VACUUM SWEEPER. STREET WASHING IS NOT ALLOWED. CONTRACTOR SHALL PERFORM STREET SWEEPING DAILY OR MORE OFTEN, AS REQUIRED OR DIRECTED BY THE INSPECTOR DURING CONSTRUCTION, AND AFTER CONSTRUCTION IS COMPLETE IN THAT AREA.
18. DRAINAGE INLET PROTECTION AND SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO CONSTRUCTION ACTIVITIES AND ARE TO REMAIN IN PLACE UNTIL SURFACE RESTORATION IS COMPLETE, SOIL STOCKPILES ARE REMOVED, AND VEGETATION IS RE-ESTABLISHED.
19. THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEANING WATER THAT HAS BECOME POLLUTED DUE TO NOT TAKING NECESSARY EROSION AND SEDIMENT CONTROL ACTIONS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS AND ROADS AS A RESULT OF CONSTRUCTION ACTIVITY ON THE SITE TO THE SATISFACTION OF THE INSPECTOR.
21. SEDIMENT SPILLED, DROPPED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY USING BEST MANAGEMENT PRACTICES.
22. AFTER CONSTRUCTION IS COMPLETE, THE STORM DRAIN SYSTEMS- INCLUDING INLETS, MANHOLES, PIPES, CURB GUTTERS AND OUTLETS- ASSOCIATED WITH THIS PROJECT SHALL BE INSPECTED AND CLEARED OF ACCUMULATED SEDIMENT AND DEBRIS.

DEWATERING

23. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PROPER DESIGN, INSTALLATION, OPERATION, MAINTENANCE, REMOVAL, AND GROUND RESTORATION OF ALL PROJECT DEWATERING FACILITIES. SEE THE PROJECT SPECIFICATIONS AND THE SWPPP.
24. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN DEWATERING FACILITIES TO ALLOW FOR THE EXCAVATION AND SUBSEQUENT PLACEMENT AND COMPACTION OF BACKFILL MATERIAL WITHIN THE TRENCH EXCAVATION.
25. HANDLING AND DISPOSAL OF WATER RESULTING FROM DEWATERING ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT SWPPP.

STOCKPILES

26. SOIL STOCKPILES SHALL BE COVERED, STABILIZED, OR PROTECTED WITH SOIL STABILIZATION MEASURES AND SURROUNDED BY PERIMETER SEDIMENT BARRIERS AT ALL TIMES.
27. STOCKPILED SOILS LESS THAN TWO FEET DEEP MAY BE PLACED ADJACENT TO THE EDGE OF THE TRENCH EXCAVATION. SOILS MOUNDED UP TO A MAXIMUM OF EIGHT FEET DEEP SHALL NOT BE PLACED CLOSER THAN TEN FEET FROM THE EDGE OF THE TRENCH EXCAVATION. COMPLIANCE WITH OSHA REGULATIONS MUST ALSO BE FOLLOWED.
28. STOCKPILED SOILS SHALL NOT BE MOUNDED HIGHER THAN EIGHT FEET ABOVE EXISTING GROUND.
29. CONTAMINATED SOIL SHALL BE MANAGED IN ACCORDANCE WITH THE RWQCB REQUIREMENTS, THE SOIL AND GROUNDWATER MANAGEMENT CONTINGENCY PLAN (SHN, 2013), AND AS DIRECTED BY THE ENGINEER.

EQUIPMENT

30. EQUIPMENT SHALL NOT LEAK FLUIDS, LUBRICANTS, OR FUELS. THE OWNER OR ENGINEER MAY INSPECT THE CONTRACTOR'S EQUIPMENT AND MAY REJECT EQUIPMENT THAT DEMONSTRATES EVIDENCE OF LEAKAGE.
31. THE EXTERIORS AND SURFACES OF MECHANICAL COMPONENTS OF VEHICLES AND EQUIPMENT THAT MAY ENCR OACH ON A WATER BODY SHALL BE MAINTAINED FREE OF GREASE, OIL, FUEL AND OTHER RESIDUES.
32. STATIONARY EQUIPMENT, SUCH AS MOTOR DRIVEN PUMPS AND GENERATORS, SHALL BE PLACED WITHIN ISOLATION BERMS, OVER DRIP PANS, AND SHALL BE PROVIDED WITH SPILL CONTAINMENT FACILITIES.

VEGETATION

33. DISTURBANCE OR REMOVAL SHALL NOT EXCEED THE MINIMUM NECESSARY TO COMPLETE OPERATIONS. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID DAMAGE TO EXISTING VEGETATION ADJACENT TO THE WORK. ALL VEGETATION THAT IS DAMAGED OR REMOVED SHALL BE REPLACED ACCORDING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND PERMITS ASSOCIATED WITH THE WORK.
34. WHEN RIPARIAN VEGETATION IS REMOVED IN THE EXECUTION OF THE WORK, IT SHALL BE CUT OFF NO LOWER THAN GROUND LEVEL. THE ROOT SYSTEMS SHALL BE LEFT INTACT AND SHALL BE PROTECTED FROM DAMAGE TO FACILITATE REGROWTH.
35. USE APPROVED NATIVE GRASS SEED TO RE-VEGETATE DISTURBED AREAS AND MATCH EXISTING VEGETATION TO THE EXTENT POSSIBLE. SEEDED AREAS SHALL BE COVERED WITH OAT OR WHEAT STRAW, FREE FROM WEEDS, AND KEPT MOIST UNTIL GRASSES ARE ESTABLISHED.

EROSION AND SEDIMENT CONTROL PLAN NOTES CONTINUED:

STABILIZED CONSTRUCTION ENTRANCE/EXIT (TC-1)

1. WHERE TRAFFIC WILL BE ENTERING OR LEAVING THE CONSTRUCTION SITE, A STABILIZED CONSTRUCTION ENTRANCE SHOULD BE USED.

DESIGN AND LAYOUT:
 - A. CONSTRUCTION ON LEVEL GROUND WHERE POSSIBLE.
 - B. SELECT 3 TO 6 INCH DIAMETER STONES.
 - C. USE MINIMUM DEPTH OF STONES OF 12 INCHES OR AS RECOMMENDED BY SOILS ENGINEER.
 - D. CONSTRUCT LENGTH OF 50 FOOT OR MAXIMUM SITE WILL ALLOW, AND 10 FOOT MINIMUM WIDTH OR TO ACCOMMODATE TRAFFIC.
 - E. ROUTE RUNOFF FROM STABILIZED ENTRANCES/EXITS THROUGH A SEDIMENT TRAPPING DEVICE BEFORE DISCHARGE.

SEDIMENT TRAP (SE-3)

1. SEDIMENT TRAPS CAN BE CONSTRUCTED BY EXCAVATING A DEPRESSION IN THE GROUND OR CREATING AN IMPOUNDMENT WITH A SMALL EMBANKMENT. SEDIMENT TRAPS SHOULD BE INSTALLED OUTSIDE THE AREA BEING GRADED AND SHOULD BE BUILT PRIOR TO THE START OF THE GRADING ACTIVITIES OR REMOVAL OF VEGETATION. TO MINIMIZE THE AREA DISTURBED BY THEM, SEDIMENT TRAPS SHOULD BE INSTALLED IN NATURAL DEPRESSIONS OR IN SMALL SWALES OR DRAINAGE WAYS.

STREAMBANK STABILIZATION (EC-12)

1. THESE PROCEDURES TYPICALLY APPLY TO ALL CONSTRUCTION PROJECTS THAT DISTURB OR OCCUR WITHIN STREAM CHANNELS AND THEIR ASSOCIATED RIPARIAN AREAS.
2. CONSTRUCTION ACTIVITIES SHOULD BE SCHEDULED ACCORDING TO THE RELATIVE SENSITIVITY OF THE ENVIRONMENTAL CONCERNS AND IN ACCORDANCE WITH EC-1, SCHEDULING. SCHEDULING CONSIDERATIONS WILL BE DIFFERENT WHEN WORKING NEAR PERENNIAL STREAMS VS EPHEMERAL STREAMS AND ARE AS FOLLOWS.
3. MINIMIZE DISTURBANCE THROUGH: SELECTION OF THE NARROWEST CROSSING LOCATION; AND, MINIMIZING THE NUMBER AND SIZE OF WORK AREAS (EQUIPMENT STAGING AREAS AND SPOIL STORAGE AREAS). PLACE WORK AREAS AT LEAST 50 FEET FROM STREAM CHANNEL. FIELD RECONNAISSANCE SHOULD BE CONDUCTED DURING THE PLANNING STAGE TO IDENTIFY WORK AREAS.

CLEAR WATER DIVERSION (NS-5)

1. A CLEAR WATER DIVERSION IS TYPICALLY IMPLEMENTED WHERE APPROPRIATE PERMITS (1601 AGREEMENT) HAVE BEEN SECURED AND WORK MUST BE PERFORMED IN A FLOWING STREAM OR WATER BODY.
2. CLEAR WATER DIVERSIONS ARE APPROPRIATE FOR ISOLATING CONSTRUCTION ACTIVITIES OCCURRING WITHIN OR NEAR A WATER BODY SUCH AS STREAMBANK STABILIZATION, OR CULVERT, BRIDGE, PIER OR ABUTMENT INSTALLATION. THEY MAY ALSO BE USED IN COMBINATION WITH OTHER METHODS, SUCH AS CLEAR WATER BYPASSES AND/OR PUMPS.
3. PUMPED DIVERSIONS ARE SUITABLE FOR INTERMITTENT AND LOW FLOW STREAMS.
4. WHERE POSSIBLE, AVOID OR MINIMIZE DIVERSION AND ENCROACHMENT IMPACTS BY SCHEDULING CONSTRUCTION DURING PERIODS OF LOW FLOW OR WHEN THE STREAM IS DRY. SCHEDULING SHOULD ALSO CONSIDER SEASONAL RELEASES OF WATER FROM DAMS, FISH MIGRATION AND SPAWNING SEASONS, AND WATER DEMANDS DUE TO CROP IRRIGATION.

PRESERVATION OF EXISTING VEGETATION (EC-2)

1. PROVIDE FOR PRESERVATION OF EXISTING VEGETATION PRIOR TO THE COMMENCEMENT OF CLEARING AND GRUBBING OPERATIONS OR OTHER SOIL DISTURBING ACTIVITIES IN AREAS WHERE NO CONSTRUCTION ACTIVITY IS PLANNED OR WILL OCCUR AT A LATER DATE.
2. MARK AREAS TO BE PRESERVED WITH TEMPORARY FENCING. INCLUDE SUFFICIENT SETBACK TO PROTECT ROOTS.

SEED/STRAW MULCH (EC-6)

1. STRAW MULCH IS SUITABLE FOR DISTURBED AREAS REQUIRING TEMPORARY PROTECTION UNTIL PERMANENT STABILIZATION IS ESTABLISHED. STRAW MULCH CAN BE SPECIFIED FOR THE FOLLOWING APPLICATIONS.
 - A. APPLIED IN COMBINATION WITH PERMANENT SEEDING STRATEGIES TO ENHANCE PLANT ESTABLISHMENT AND FINAL SOIL STABILIZATION.
2. STRAW SHOULD BE DERIVED FROM WEED-FREE WHEAT, RICE, OR BARLEY. WHERE REQUIRED BY THE PLANS, SPECIFICATIONS, PERMITS, OR ENVIRONMENTAL DOCUMENTS, NATIVE GRASS STRAW SHOULD BE USED.



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CORRIDOR UTILITIES
SCOTIA, CALIFORNIA

EROSION AND SEDIMENT CONTROL NOTES

SHEET
G-5

SEQ

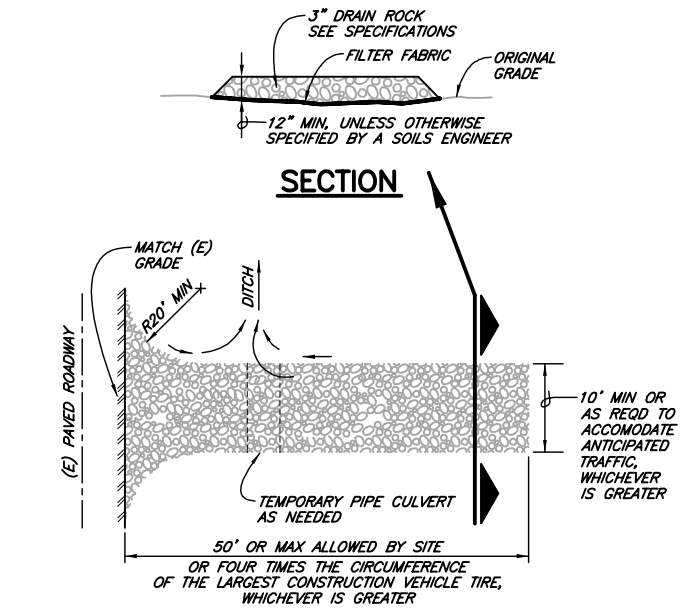
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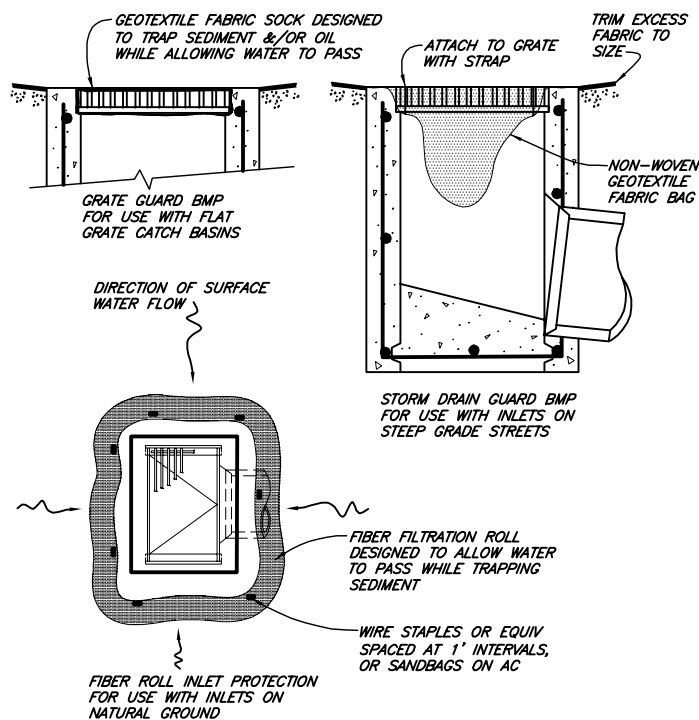


SECTION

NOTE: CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE RUNOFF TO SEDIMENT TRAPPING DEVICE.

DETAIL 1

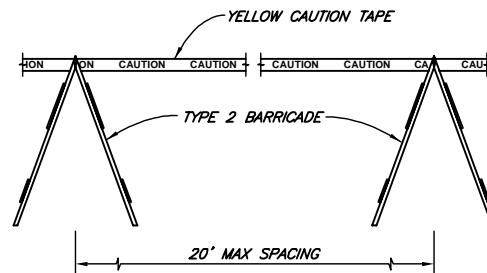
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STORM DRAIN INLET PROTECTION

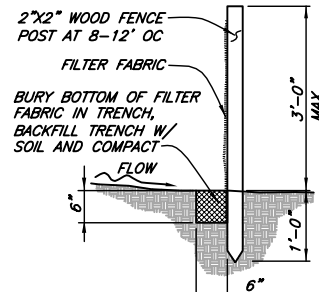
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DETAIL 2

(TYPE 2 BARRICADE FENCING)



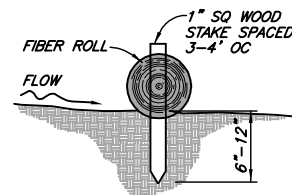
SILT FENCE SECTION

NOTES FOR SILT FENCE:

THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST.

THE FILTER FABRIC SHALL HAVE A MINIMUM VERTICAL BURIAL OF 6 INCHES. STANDARD OR HEAVY DUTY FILTER FABRIC FENCE SHALL HAVE MANUFACTURED STITCHED LOOPS FOR 2 INCH X 2 INCH POST INSTALLATIONS. STITCHED LOOPS SHALL BE INSTALLED ON THE UP HILL SIDE OF THE SLOPED AREA.

WHEN NO LONGER REQUIRED, FILTER FABRIC FENCES SHALL BE REMOVED AND PROPERLY DISPOSED OF.



FIBER ROLL SECTION

NOTES FOR FIBER ROLL:

THE FIBER ROLL SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FIBER ROLL SHALL BE OVERLAPPED A MINIMUM 6-INCH OVERLAP, AND BOTH ENDS SECURELY STAKED.

UNLESS DIRECTED OTHERWISE FIBER ROLLS SHALL BE SEATED IN A TRENCH 2-3 INCHES DEEP TO ENSURE DIRECT CONTACT OF THE FIBER ROLL WITH THE SOIL.

STAKES SHALL BEGIN NO MORE THAN 6" FROM ENDS OF FIBER ROLL AND SPACED NO MORE THAN 4' FROM EACH OTHER.

WHEN NO LONGER REQUIRED, SLIT FIBER ROLLS DOWN THE LENGTH OF THE NETTING, AND BROADCAST THE STRAW. GATHER NETTING AND PROPERLY DISPOSE OF.

GENERAL NOTES:

1. THE FILTER FABRIC FENCE AND FIBER ROLLS SHALL BE INSTALLED TO FOLLOW THE CONTOURS WHERE FEASIBLE.
2. ALL EXCAVATED MATERIAL FROM FILTER FABRIC FENCE INSTALLATION SHALL BE BACK FILLED AND COMPACTED, ALONG THE ENTIRE DISTURBED AREA.
3. BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
4. SEDIMENT SHALL BE REMOVED WHEN IT BUILDS UP TO 1/3 OF THE BARRIER HEIGHT.

SEDIMENT BARRIER

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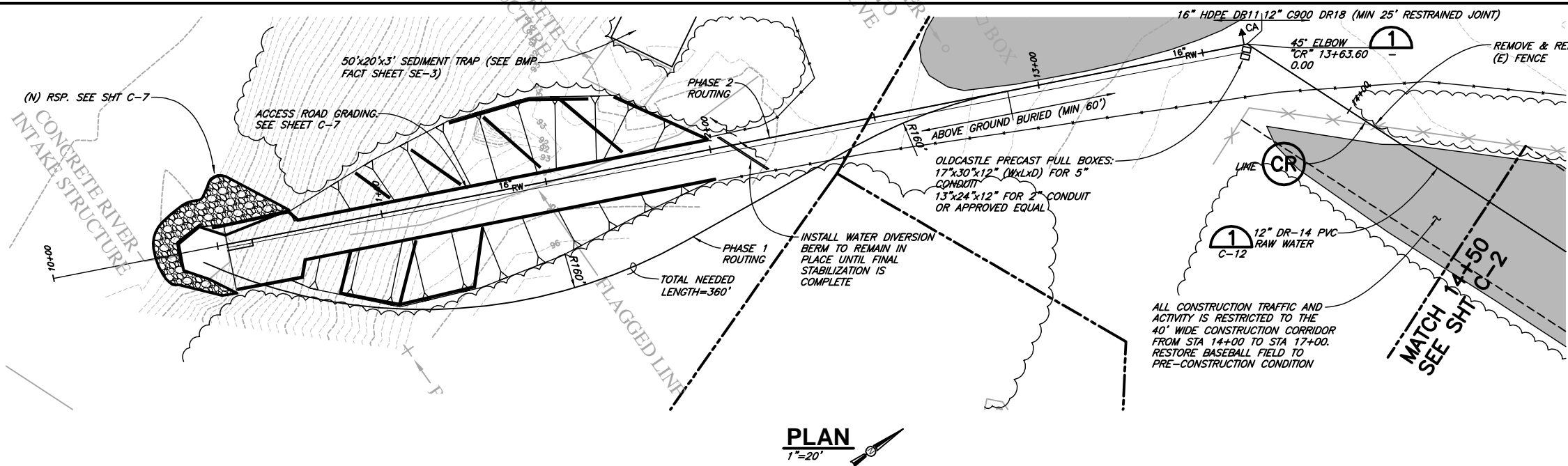
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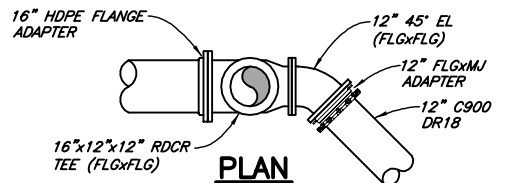
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BMP LEGEND:

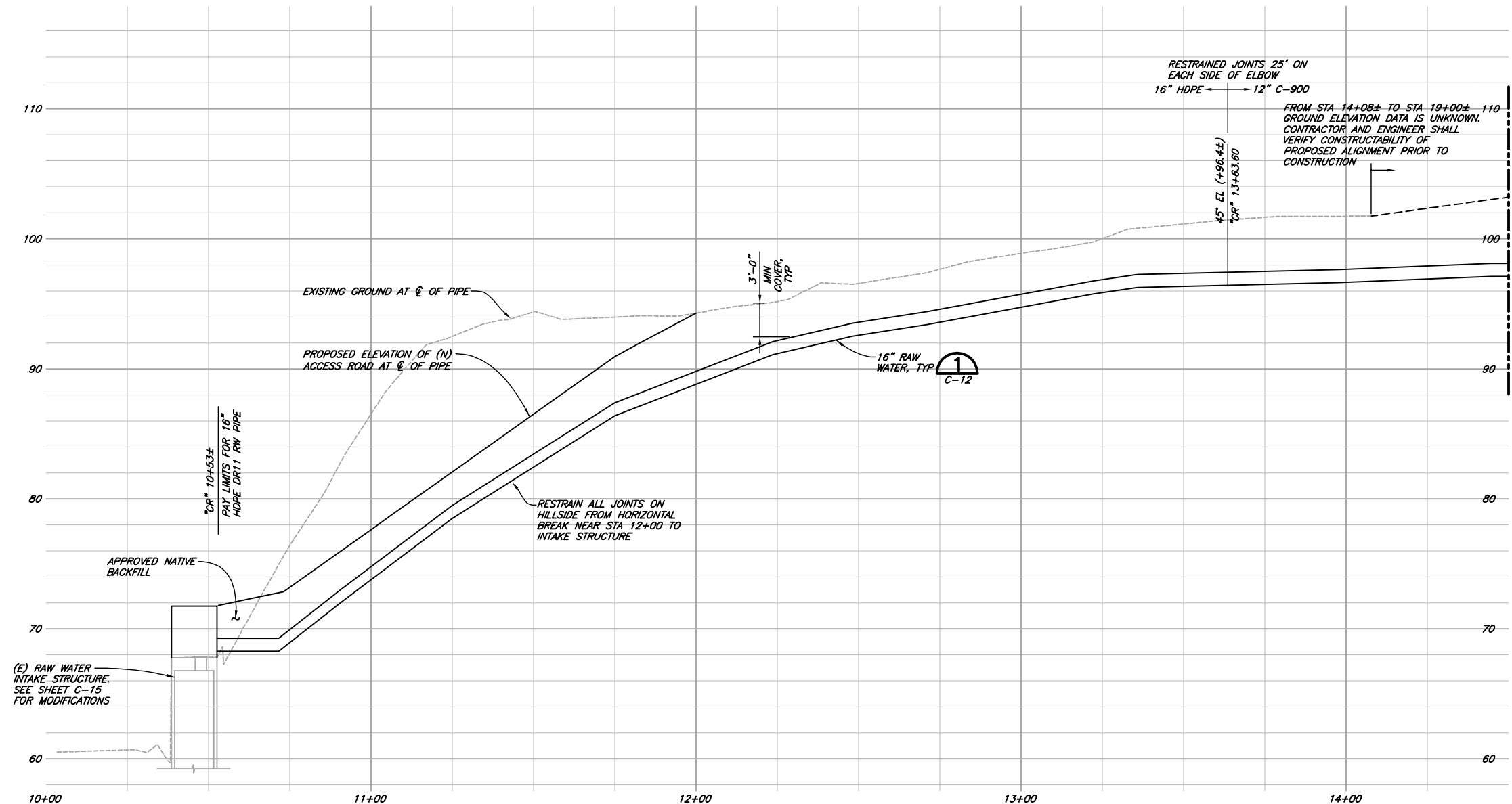
- CONSTRUCTION FENCING
- SEED/STRAW (SEE BMP FACT SHEET EC-6)
- PRESERVE EXISTING VEGETATION (SEE BMP FACT SHEET EC-2)
- FIBER ROLL (SEE BMP FACT SHEET SE-5)



DETAIL 1
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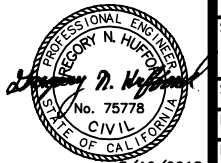
NOTES:

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- CONTRACTOR IS TO ALSO CONTACT FRANK BACIK, TOS FOR THE LOCATING OF ALL TOS FACILITIES. (707) 764-4131
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- PRIOR TO EXCAVATION CONTRACTOR SHALL LOCATE AND POT HOLE ALL EXISTING UTILITIES CROSSING PROPOSED UTILITY ALIGNMENTS. ENGINEER OR ENGINEER'S REPRESENTATIVE SHALL BE PRESENT DURING POT HOLEING.
- SEE SHEET G-5 FOR BMP DETAILS.



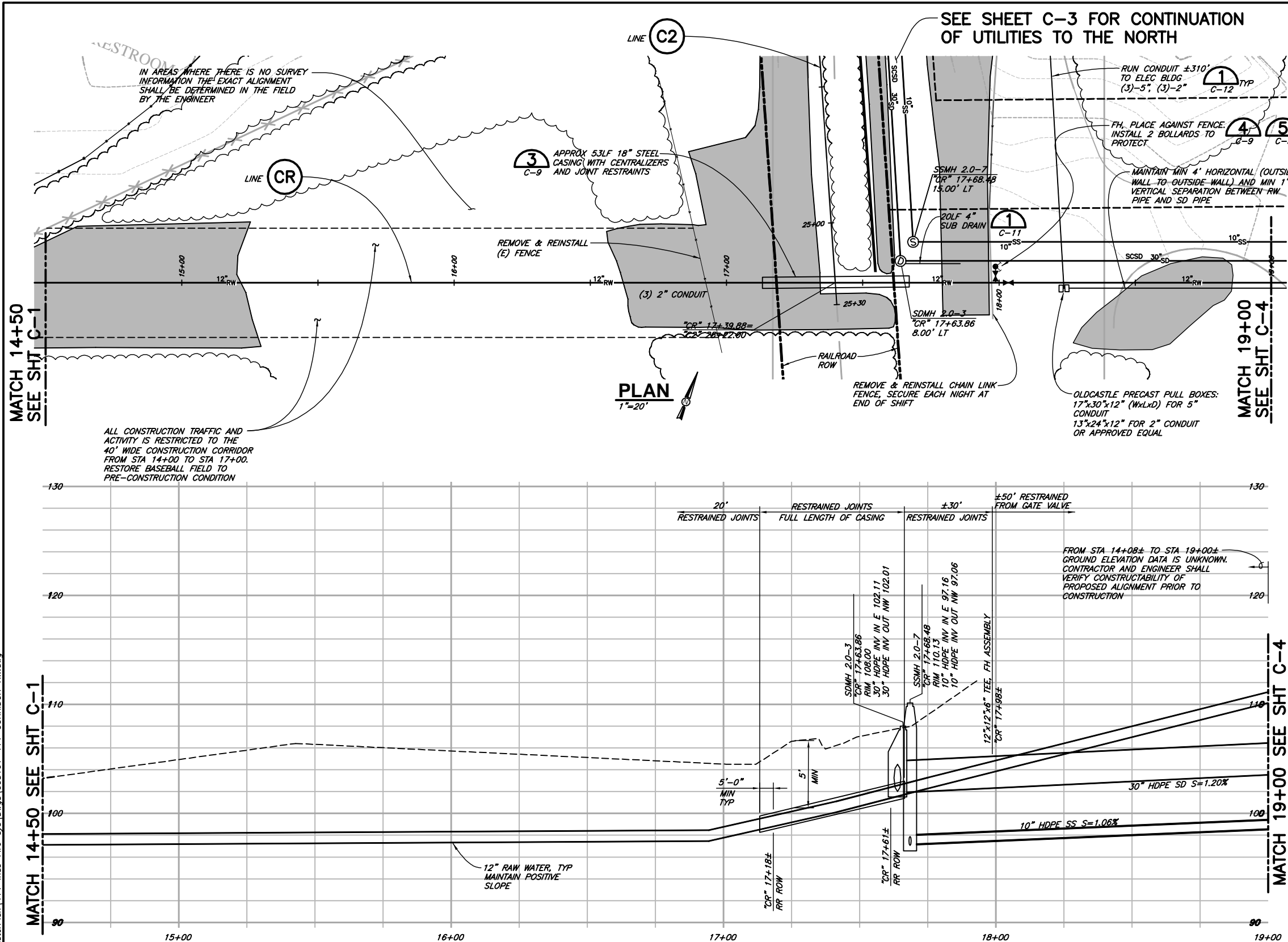
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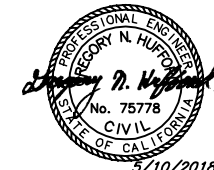


- NOTES:**
- CASING PIPE SHALL BE MIN 5/16" WALL THICKNESS PER NORTH COAST RAIL AUTHORITY.
 - FILL ANNULUS BETWEEN CARRIER AND CASING PIPES WITH BLOWN SAND OR SLURRY CEMENT.

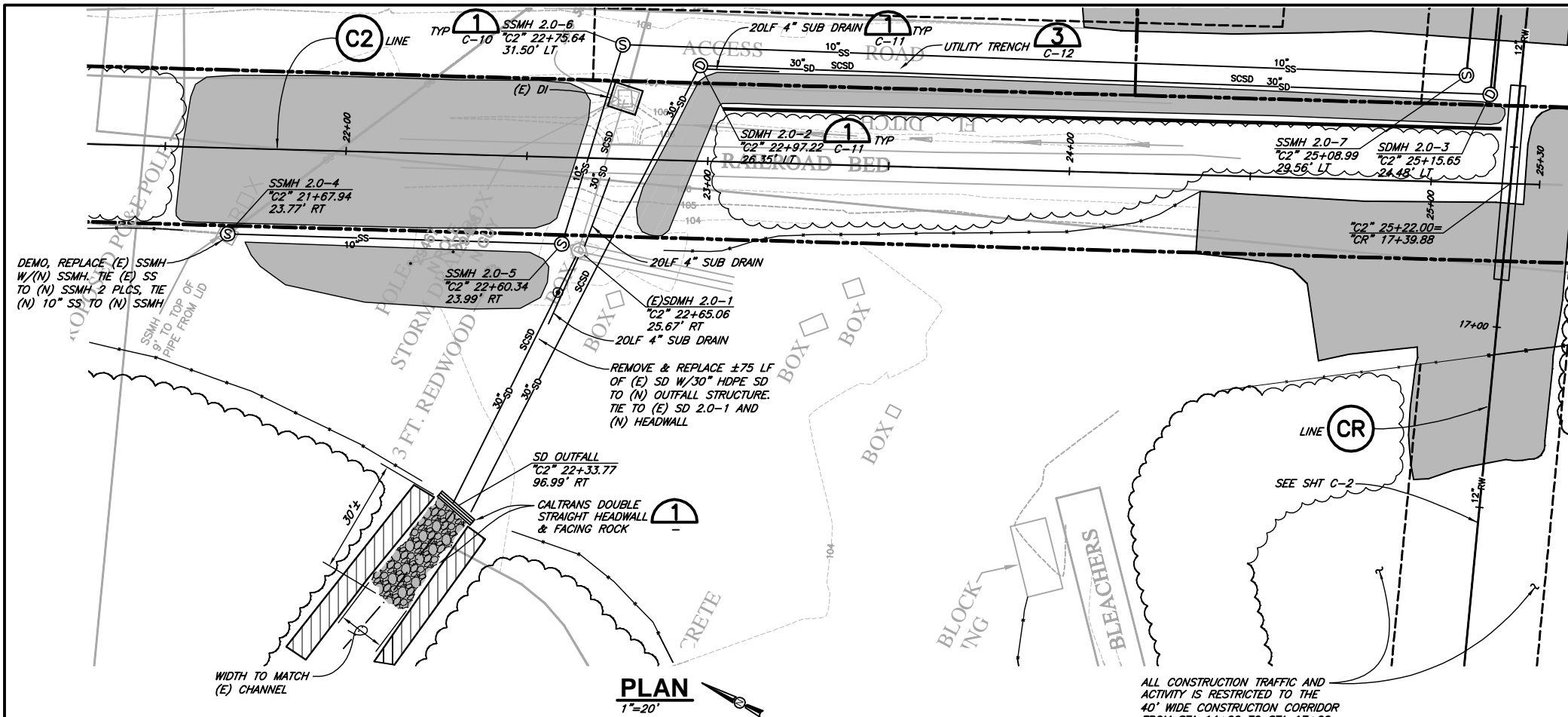
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- BMP LEGEND:**
- CONSTRUCTION FENCING
 - SEED/STRAW (SEE BMP FACT SHEET EC-6)
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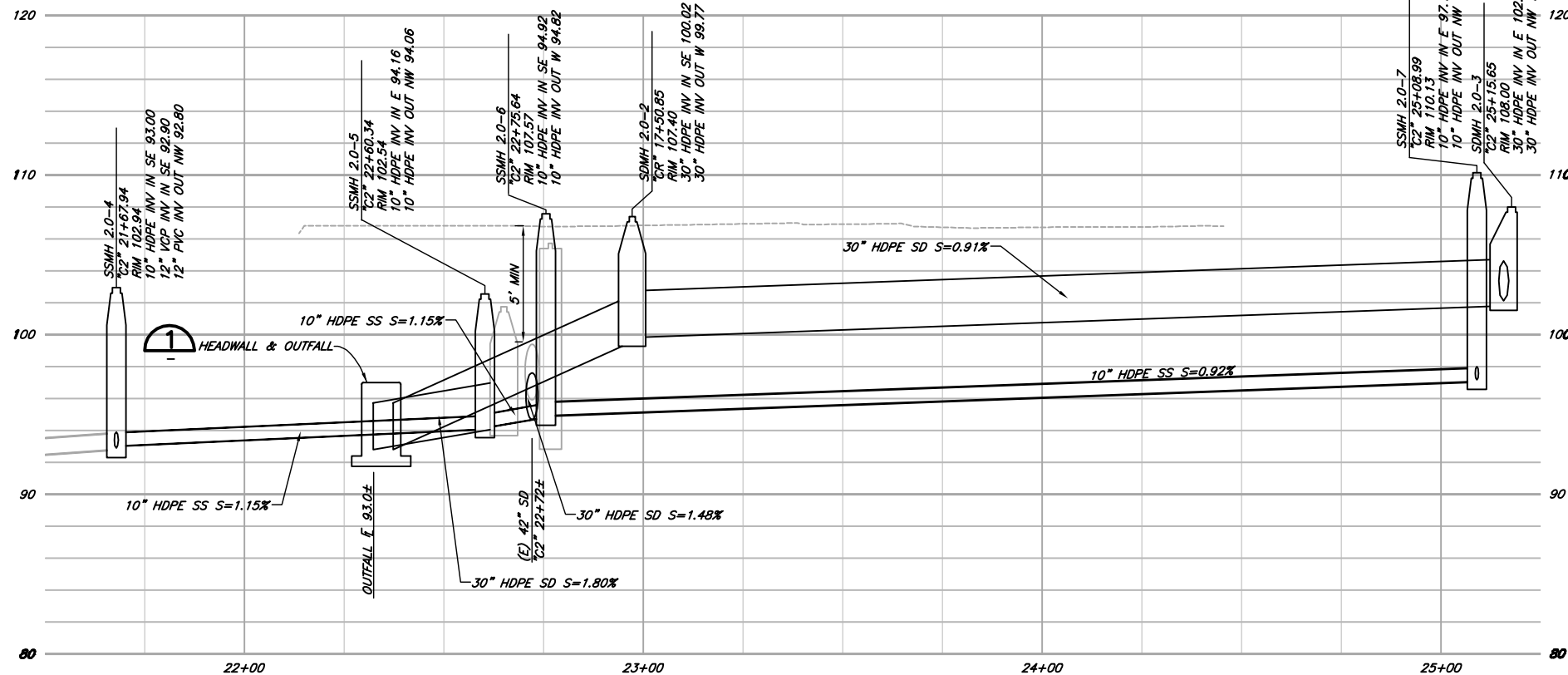
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 ACTIVITY IS RESTRICTED TO THE
 40' WIDE CONSTRUCTION CORRIDOR
 FROM STA 14+00 TO STA 17+00.
 RESTORE BASEBALL FIELD TO
 PRE-CONSTRUCTION CONDITION



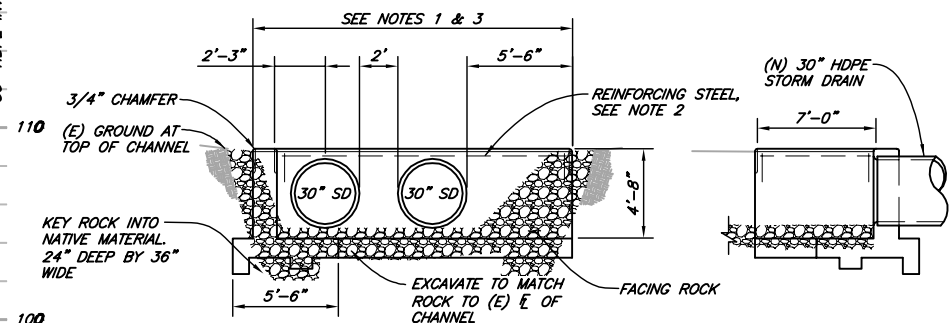
"C2" PROFILE
 SCALE: 1"=20' H
 1"=5' V

NOTES:

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- SHOULD THE CONTRACTOR OR ANY OF HIS AGENTS OR EMPLOYEES ENCOUNTER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND SUSPEND WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERTAKE REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
- FIELD VERIFY ALL GRATE & RIM ELEVATIONS PRIOR TO INSTALLATION OF STORM DRAIN AND SEWER STRUCTURES.
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- SEE SHEET G-5 FOR BMP DETAILS.

BMP LEGEND:

- TYPE 2 BARRICADE FENCING-SUBJECT TO GROUND CONDITIONS
- SEED/STRAW (SEE BMP FACT SHEET EC-6)
- PRESERVE EXISTING VEGETATION (SEE BMP FACT SHEET EC-2)
- FIBER ROLL (SEE BMP FACT SHEET SE-5)
- DI PROTECTION (SEE BMP FACT SHEET SE-10)
- STREAMBED STABILIZATION (SEE BMP FACT SHEET EC-12)
- CLEAR WATER DIVERSION (SEE BMP FACT SHEET NS-5)



NOTES:

- SEE CALTRANS STD PLAN D89 FOR FURTHER DETAIL.
- ALL REINFORCING STEEL #4 BAR, ALL VERTICAL AND HORIZONTAL TIE BARS 1'-6" MAX SPACING.
- DETERMINE WIDTH OF HEADWALL IN FIELD WITH ENGINEER
- INSTALL FILTER FABRIC BETWEEN FACING ROCK AND NATIVE SOIL
- FACING ROCK SHALL COMPLY WITH CALTRANS STD SPECS FOR GRADING OF ROCK SLOPE PROTECTION AS FOLLOWS:

SIZE	% PASSING
200 LB	95-100
75 LB	0-50
25 LB	0-10

DETAIL 1
 NTS



VERIFY SCALES
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 ORIGINAL DRAWING
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 THIS SHEET, ADJUST
 SCALES ACCORDINGLY

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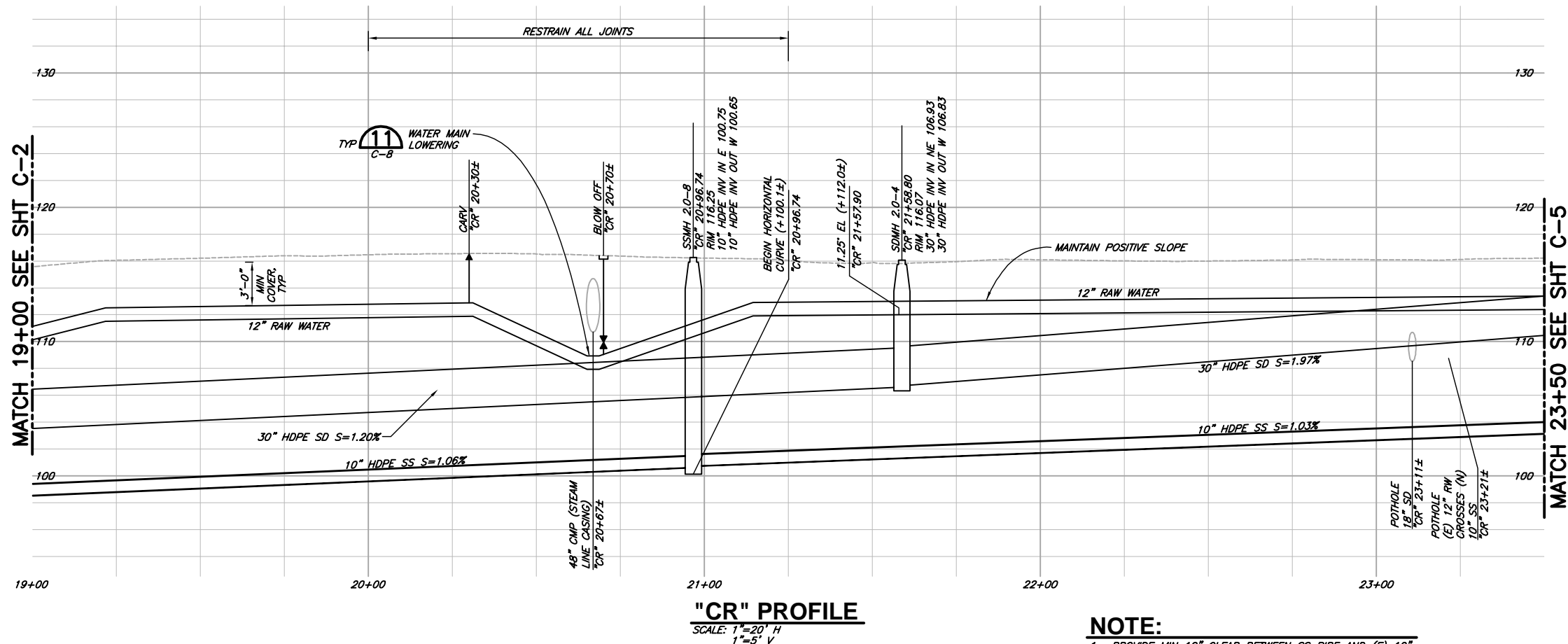
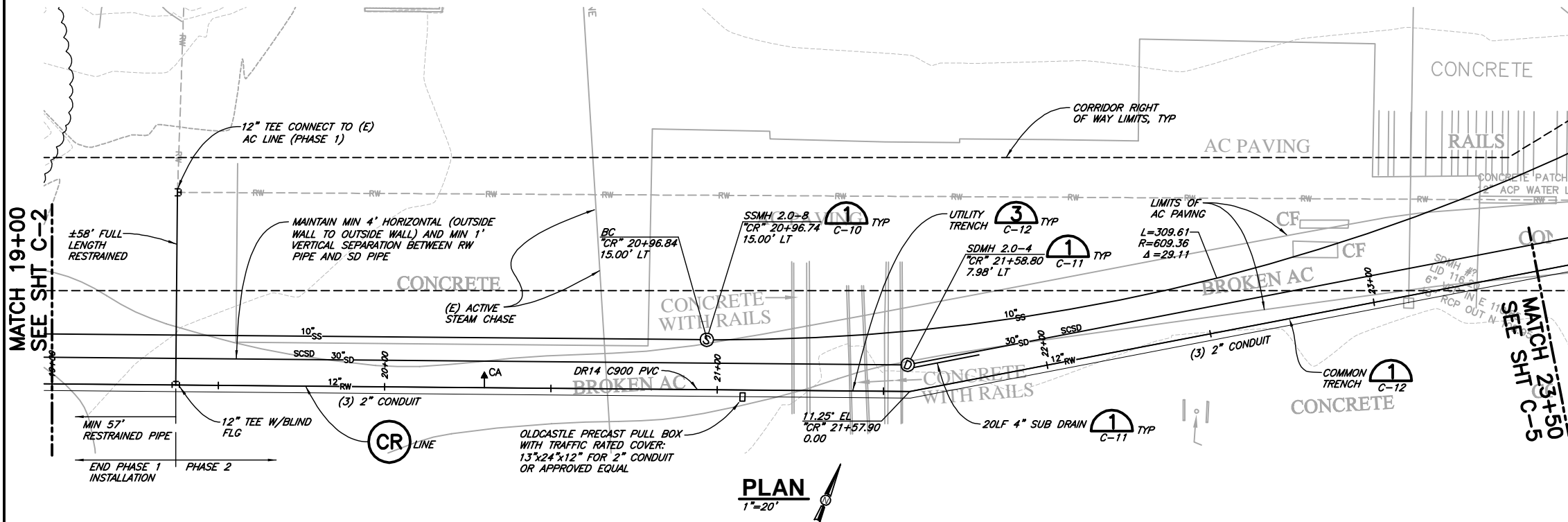
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NO.	DATE	REVISION	BY

DESIGN	CHECK	APPROVED
CUL	CDN	GNH
DR	CHK	APVD

TOWN OF SCOTIA, LLC
 CORRIDOR UTILITIES
 SCOTIA, CALIFORNIA
CORRIDOR UTILITIES

SHEET
C-3
 SEQ
 DATE 03/2018
 PROJ. NO.
 005161.414



NOTE:

1. PROVIDE MIN 12" CLEAR BETWEEN SS PIPE AND (E) 12" RW PIPE. NO JOINTS IN RELOCATED RW PIPE ALLOWED WITHIN 10' OF IT'S CROSSING WITH THE (N) SS PIPE.

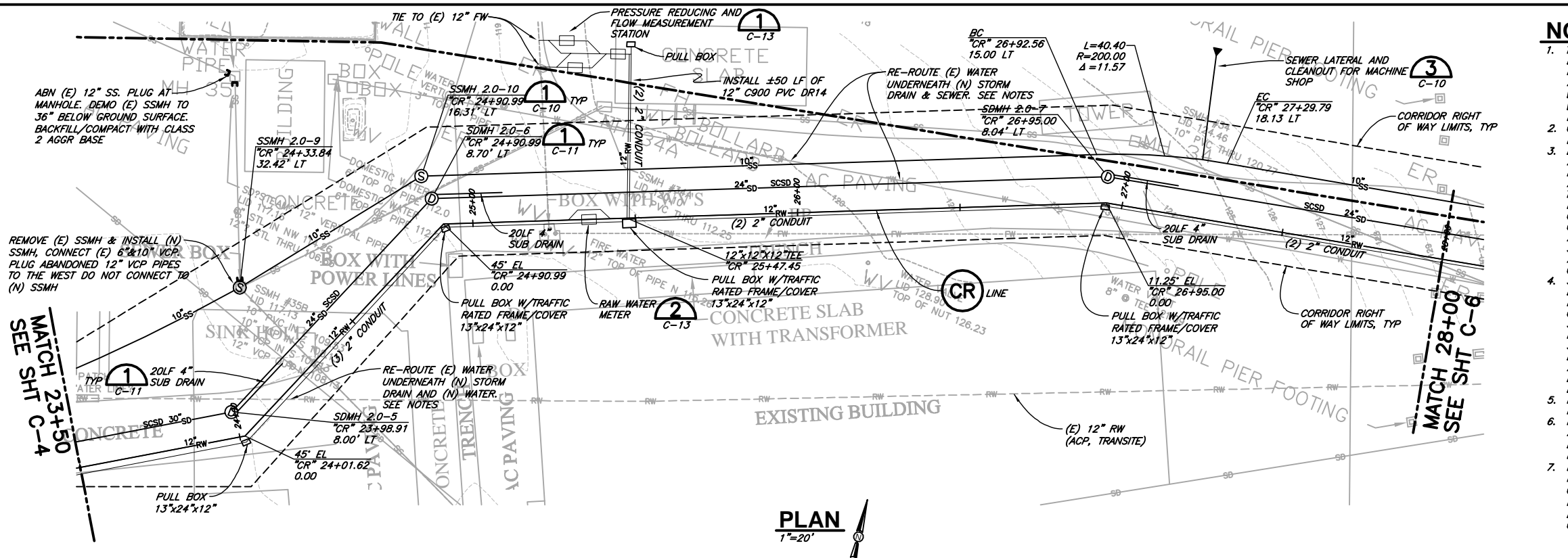
NOTES:

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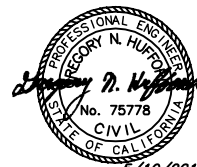
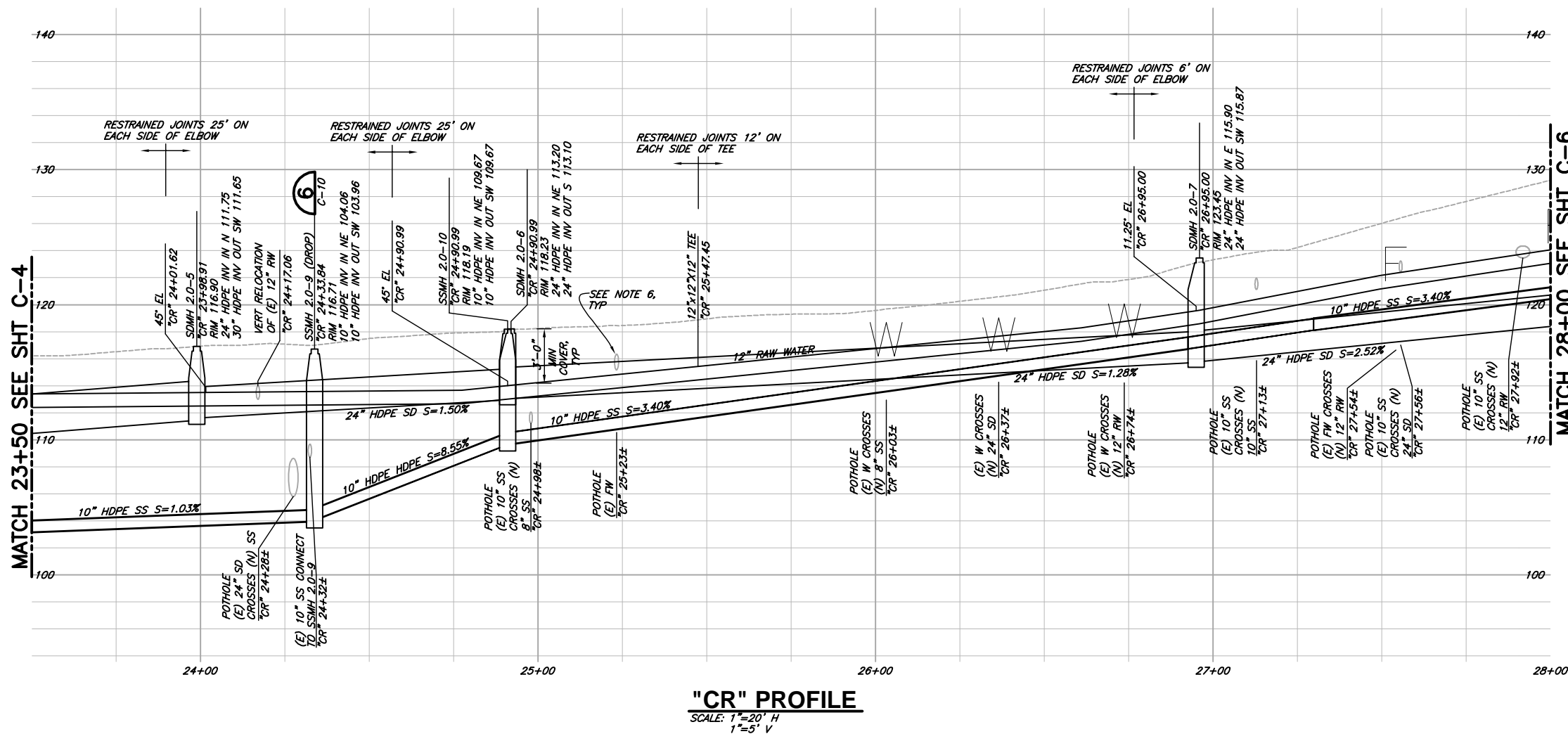
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APVD					
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CORRIDOR UTILITIES					
SHEET		C-4			
SEQ					
DATE		03/2018			
PROJ. NO.		005161.414			

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NOTES:

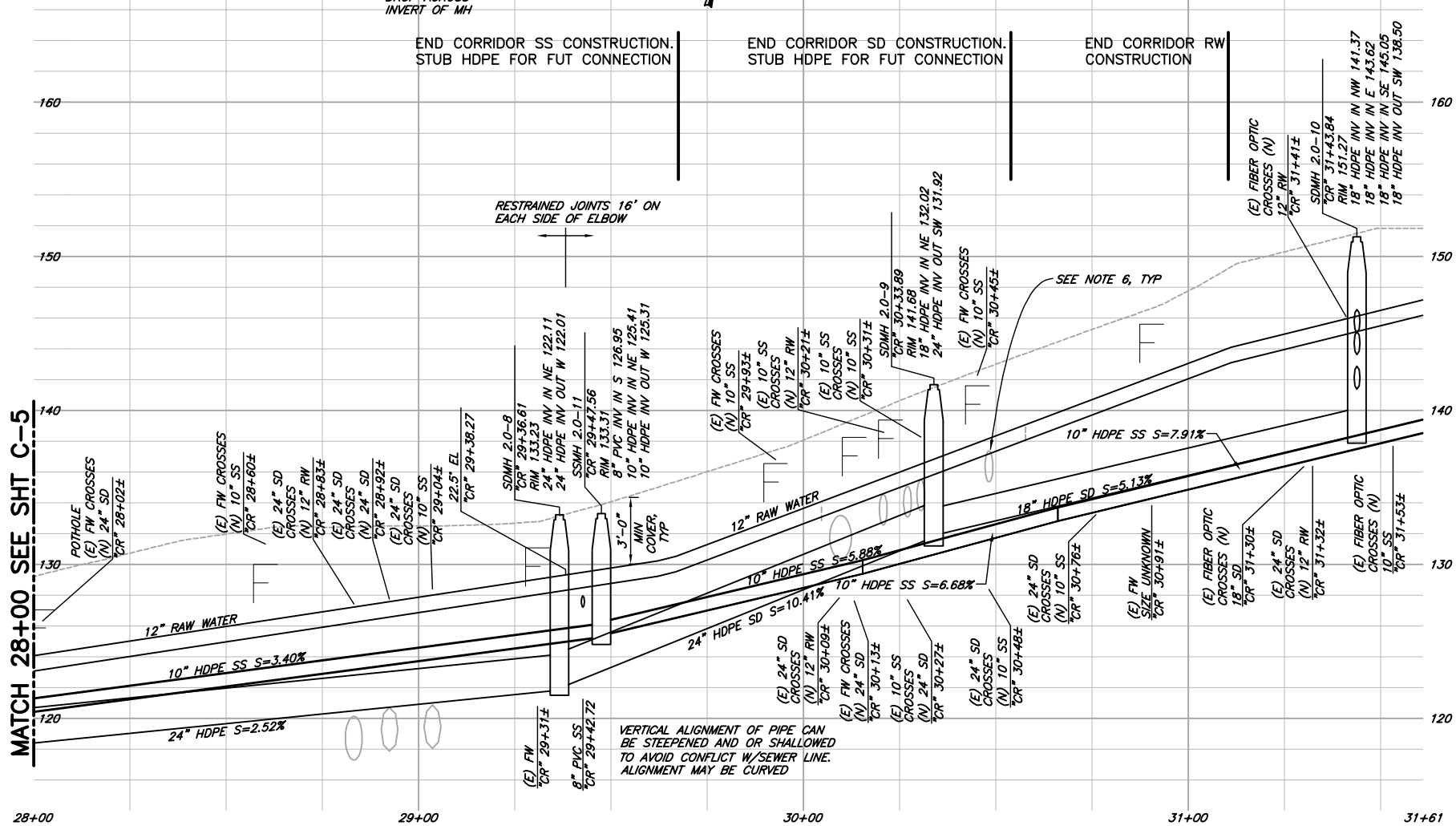
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7. LOWER (E) 12\"/>



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SHN					
DESIGN	CUL	DR	CDN	CHK	GNH
APVD					
TOWN OF SCOTIA, LLC		CORRIDOR UTILITIES		SCOTIA, CALIFORNIA	
CORRIDOR UTILITIES					
SHEET		C-5			
SEQ					
DATE		03/2018			
PROJ. NO.		005161.414			

MATCH 28+00
SEE SHT C-5

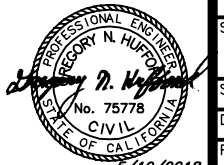
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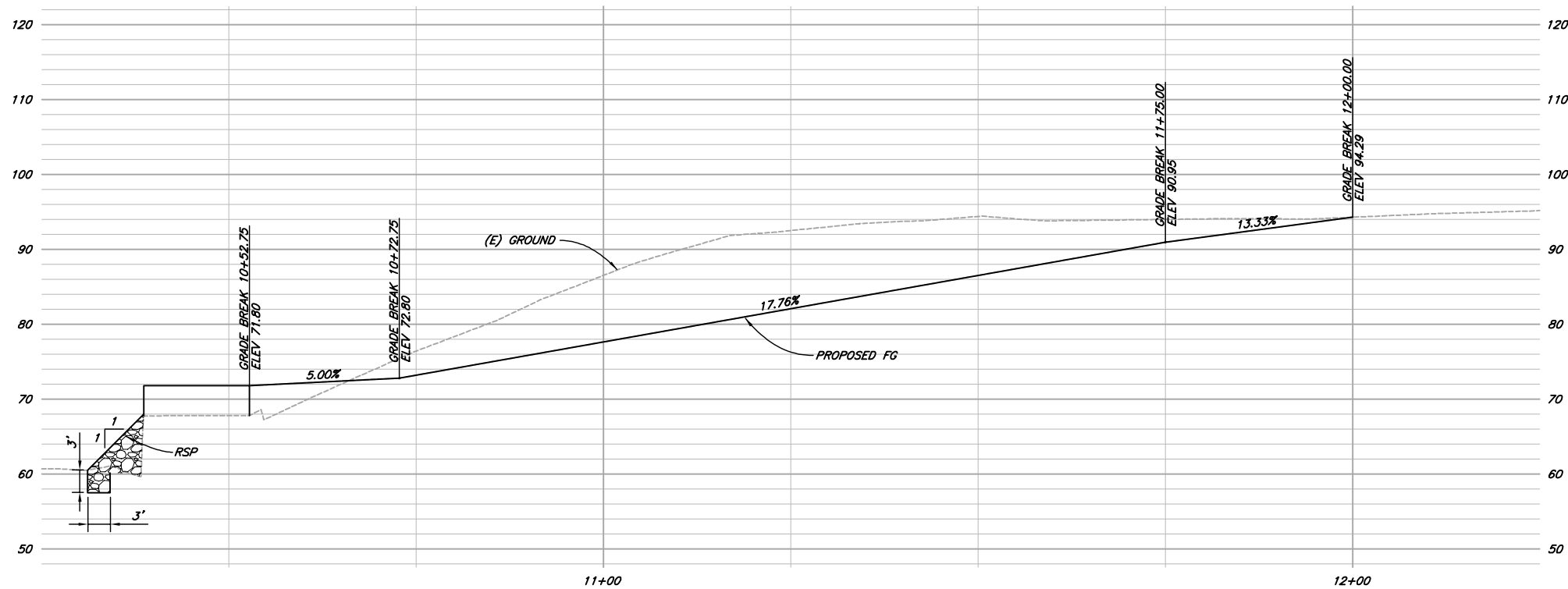
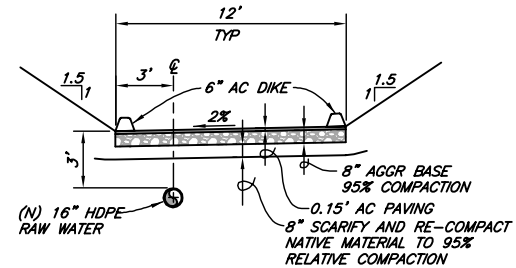
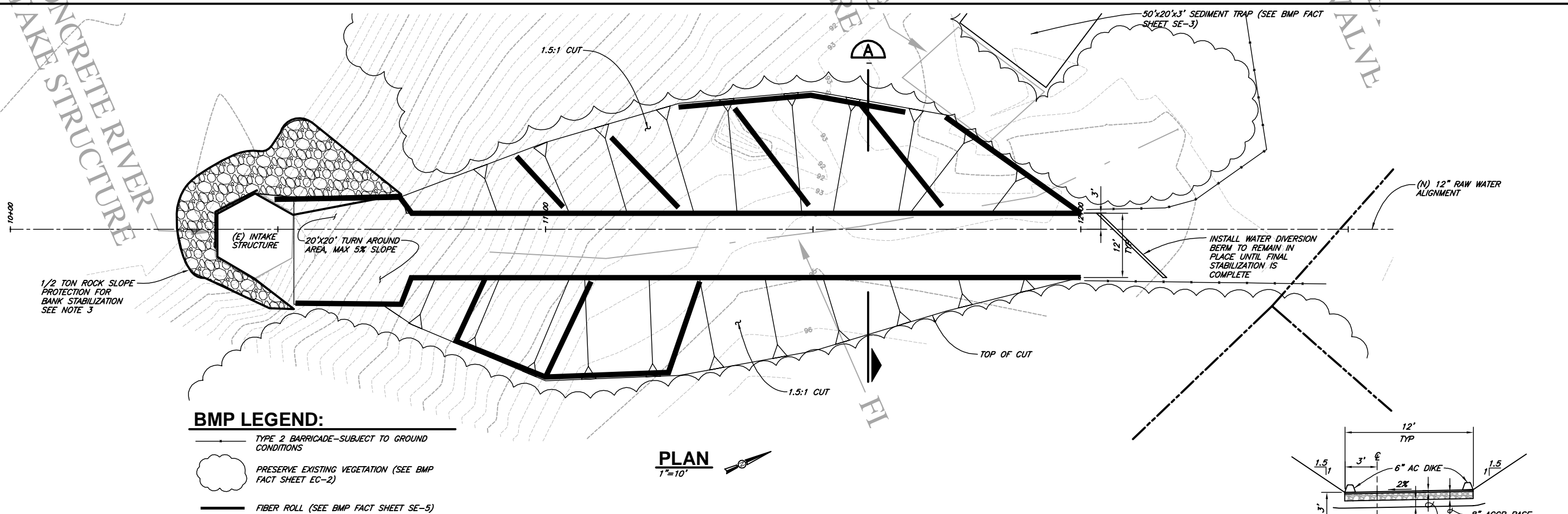
"CR" PROFILE
SCALE: 1"=20' H
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7. EXCAVATE THE SS TRENCH BETWEEN LOCATIONS OF NEW SSMH 2.0-11 AND NEW SSMH 2.0-11.1 TO VERIFY THAT EXISTING BURIED UTILITIES DO NOT RESULT IN CONFLICTS. ADVISE ENGINEER IF SLOPE OF NEW SS MUST BE MODIFIED. PROVIDE TRAFFIC PLATES ACROSS EXCAVATED TRENCH FOR USE BY HRC EQUIPMENT.
8. PLACE 5/8" REBAR VERTICALLY INTO EACH TRENCH AT END OF PIPE FROM TOP OF NEW PIPE TO APPROXIMATELY 6" BELOW FINISH GROUND SURFACE ELEVATION. PROVIDE REFERENCE POINTS AND DISTANCES TO PIPE ENDS FOR FUTURE LOCATION.



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DR	CDN
CHK	GNH
APVD	
TOWN OF SCOTIA, LLC CORRIDOR UTILITIES SCOTIA, CALIFORNIA	
CORRIDOR UTILITIES	
SHEET	C-6
SEQ	
DATE	03/2018
PROJ. NO.	005161.414



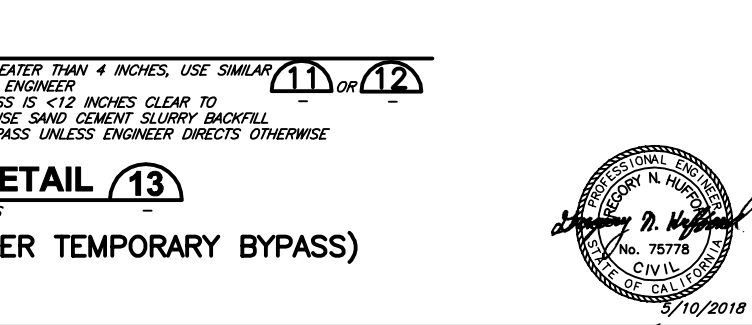
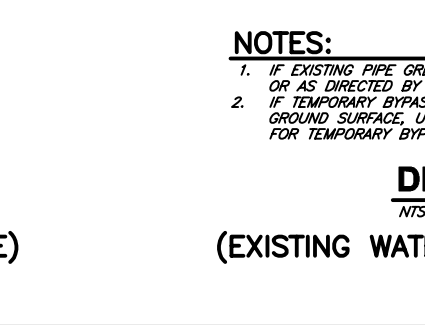
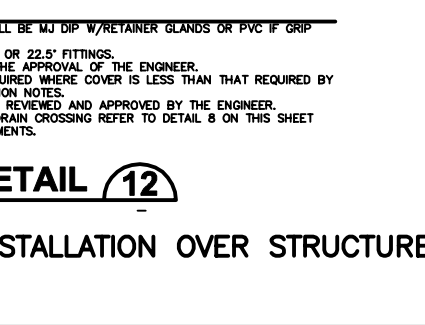
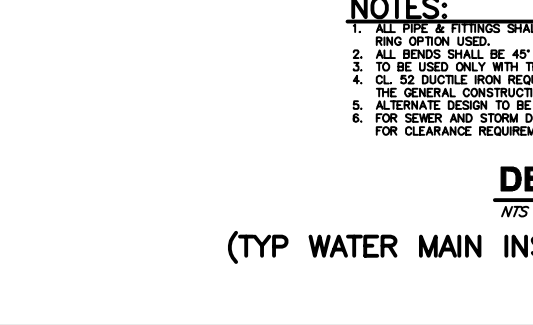
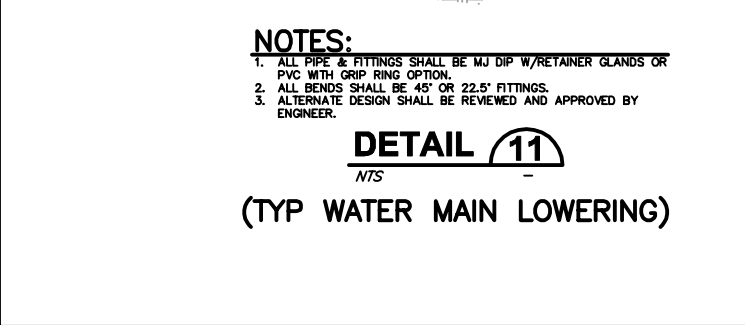
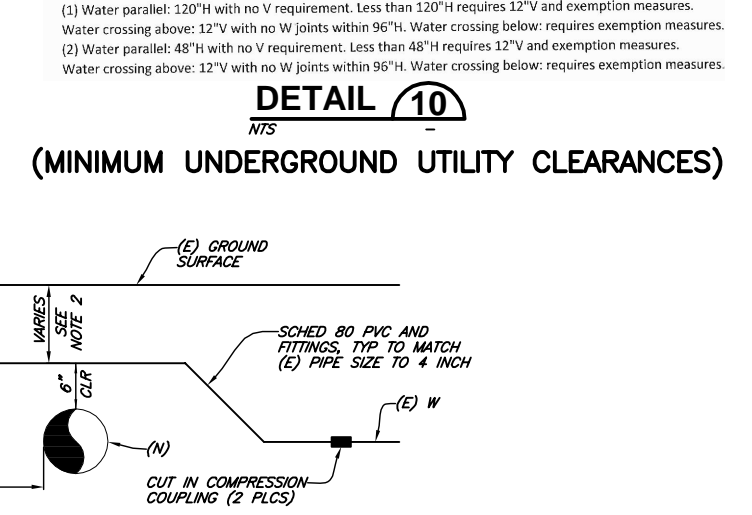
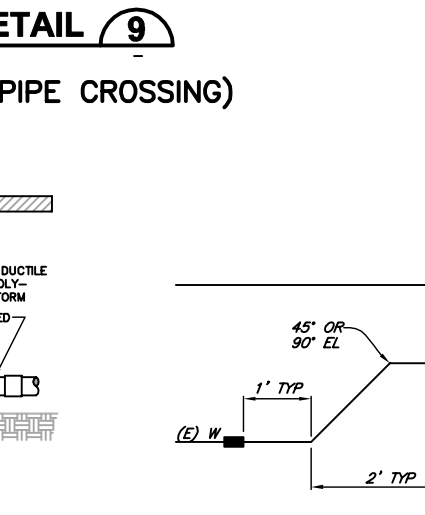
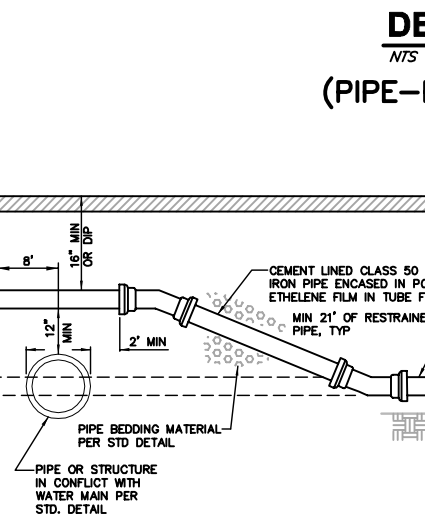
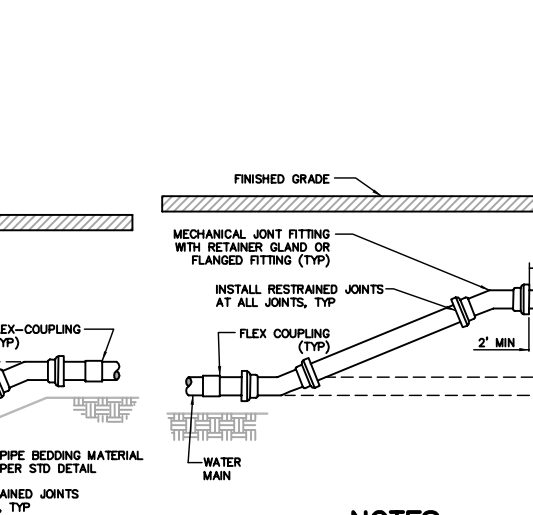
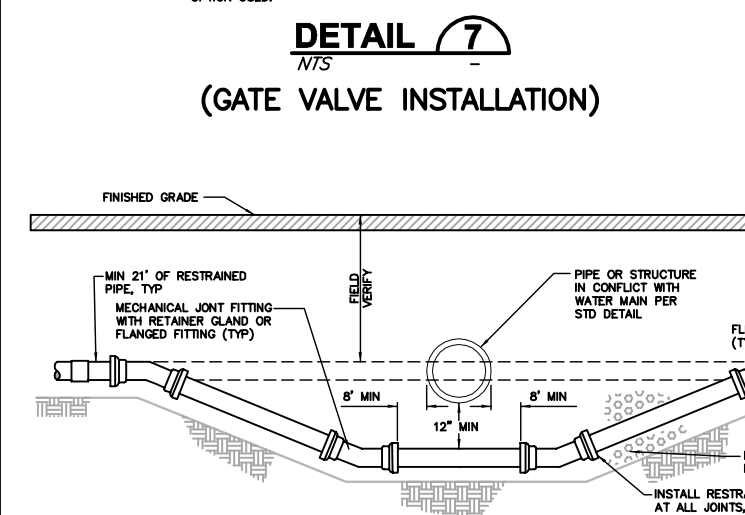
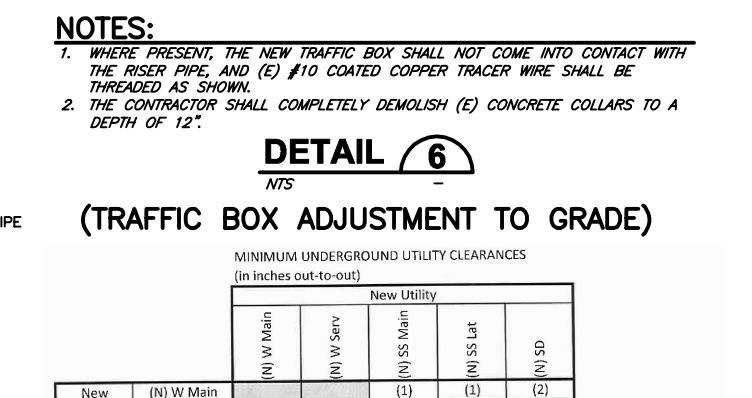
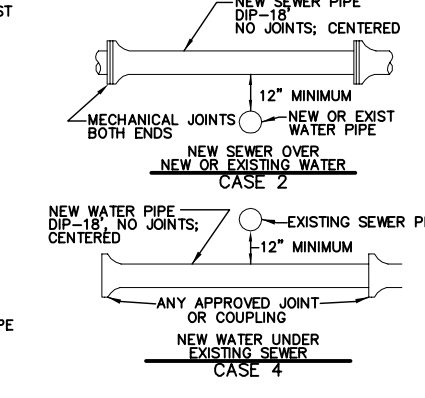
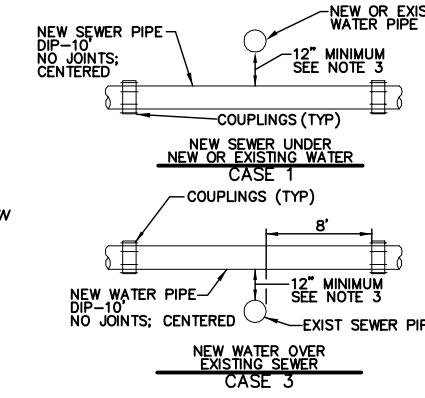
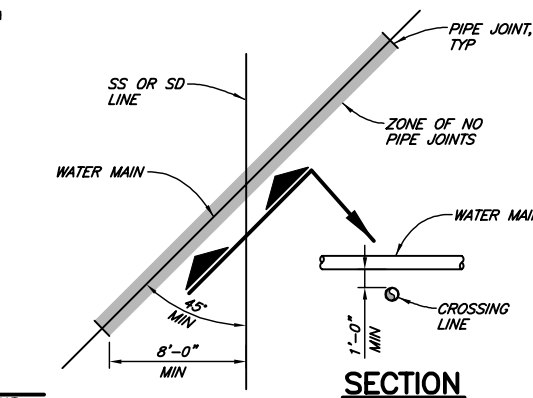
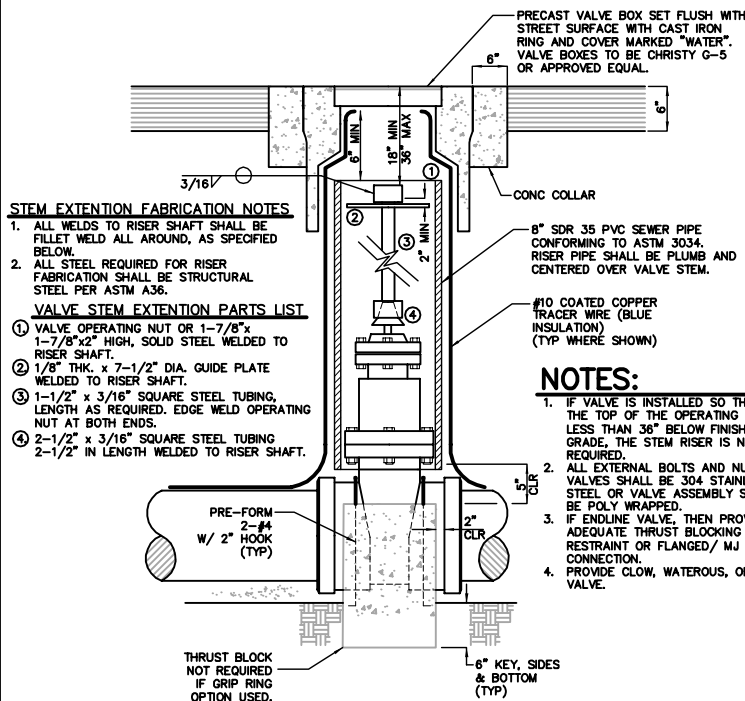
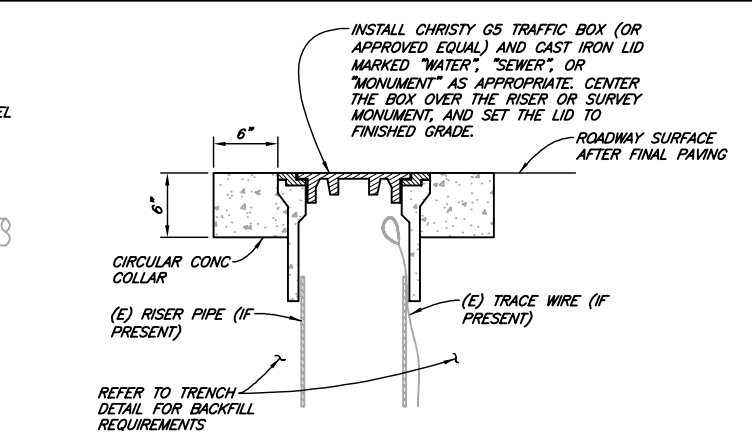
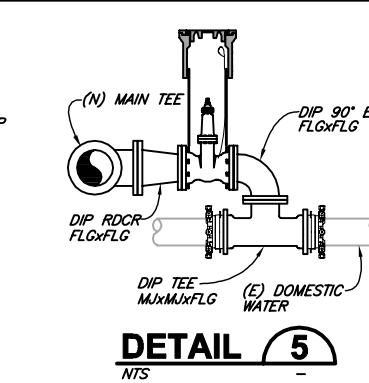
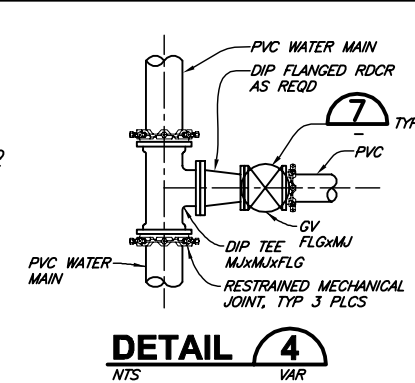
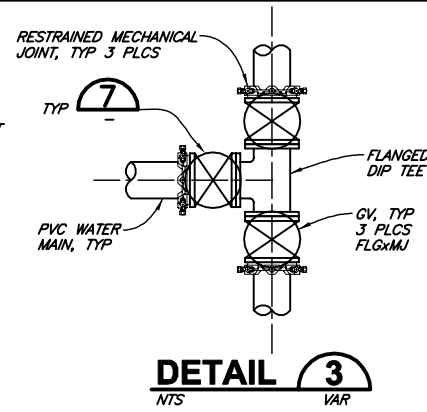
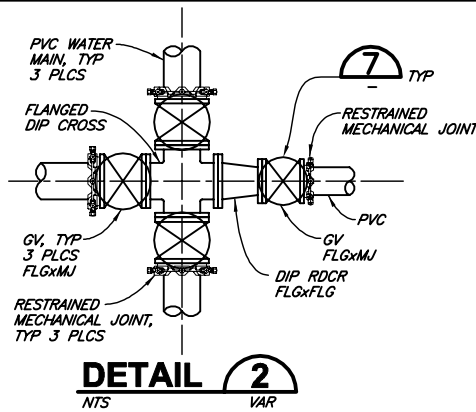
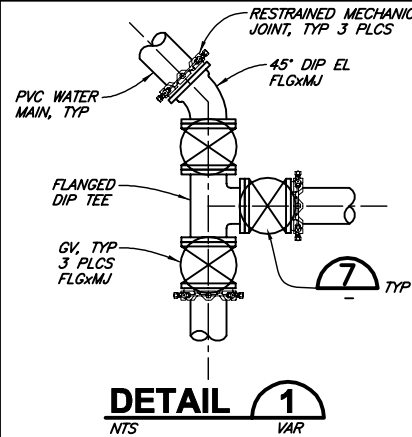
NOTES:

- CONSTRUCTION OF INTAKE ACCESS ROAD SHALL TAKE PLACE BETWEEN APRIL 15 AND OCTOBER 15. NO CONSTRUCTION ACTIVITIES SHALL OCCUR OUTSIDE OF THIS WORK WINDOW UNLESS CONTRACTOR REQUESTS IN WRITING AND RECEIVES WRITTEN APPROVAL FROM THE OWNER FOR ADDITIONAL DAYS OUTSIDE OF THE WORK WINDOW.
- PLACE 6" OF TOPSOIL WITH JUTE MAT AND HYDROSEED WITH A NATIVE SEED MIX ON ALL EXCAVATED CUT AND FILL SLOPES.
- PLACE RSP PER CALTRANS METHOD A; RSP FABRIC SHALL BE WOVEN, TYPE B PER CALTRANS 88-1.04.
- QUANTITIES:
 - CUT: 800 YARDS
 - FILL: 30 YARDS
 - RSP: 150 TONS



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TOWN OF SCOTIA, LLC		CORRIDOR UTILITIES		SCOTIA, CALIFORNIA	
INTAKE WET WELL ACCESS ROAD		SHEET		C-7	
		SEQ			
		DATE		03/2018	
		PROJ. NO.		005161.414	

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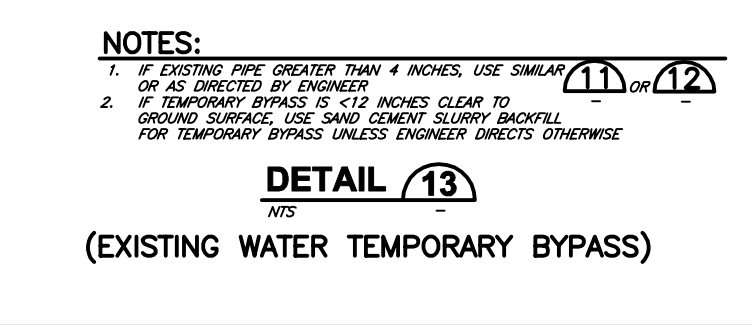
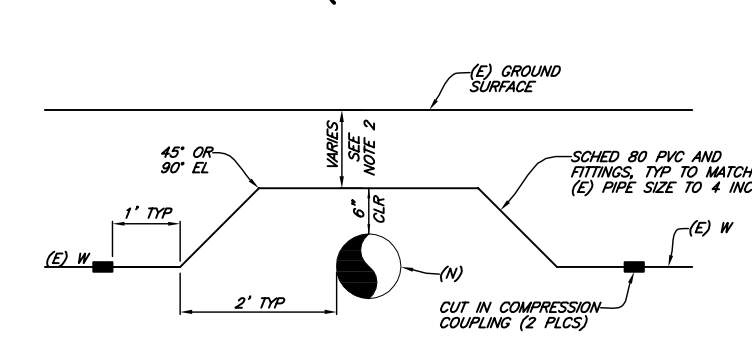
NOTES:
1. WHERE PRESENT, THE NEW TRAFFIC BOX SHALL NOT COME INTO CONTACT WITH THE RISER PIPE, AND (E) #10 COATED COPPER TRACER WIRE SHALL BE THREADED AS SHOWN.
2. THE CONTRACTOR SHALL COMPLETELY DEMOLISH (E) CONCRETE COLLARS TO A DEPTH OF 12".

DETAIL 6
NTS
(TRAFFIC BOX ADJUSTMENT TO GRADE)

		MINIMUM UNDERGROUND UTILITY CLEARANCES (in inches out-to-out)					
		(N) W Main	(N) W Serv	(N) SS Main	(N) SS Lat	(N) SD	
New	(N) W Main			(1)	(1)	(2)	
	(N) W Service			(1)		(2)	
	(N) SS Main					12	
	(N) SS Lat					12	
Existing to Remain	Water Main	6 V; 12 H	6 V; 12 H	(1)	(1)	(2)	
	Fire Water	6 V; 12 H	6 V; 12 H	6 V; 12 H	6 V; 12 H	6 V; 12 H	
	SS Main	(1)	(1)	12 V; 12 H	6 V; 12 H	6 V; 12 H	
	SD	(2)	(2)	6 V; 12 H	6 V; 12 H	6 V; 12 H	
	Gas main	12 V; 36 H	12 V; 36 H	12 V; 36 H	12 V; 36 H	12 V; 36 H	
	Gas Service	12 V; 36 H	12 V; 36 H	12 V; 36 H	12 V; 36 H	12 V; 36 H	
	Fiber Optic	12 V; 12 H	12 V; 12 H	12 V; 12 H	12 V; 12 H	12 V; 12 H	
	Electrical	12 V; 36 H	12 V; 36 H	12 V; 36 H	12 V; 36 H	12 V; 36 H	
	Telephone	12 V; 12 H	12 V; 12 H	12 V; 12 H	12 V; 12 H	12 V; 12 H	
	Cable	12 V; 12 H	12 V; 12 H	12 V; 12 H	12 V; 12 H	12 V; 12 H	
Exist. To be Abandoned		6 V; 6 H	6 V; 6 H	6 V; 6 H	6 V; 6 H	6 V; 6 H	

(1) Water parallel: 120"H with no V requirement. Less than 120"H requires 12"V and exemption measures.
Water crossing above: 12"V with no W joints within 96"H. Water crossing below: requires exemption measures.
(2) Water parallel: 48"H with no V requirement. Less than 48"H requires 12"V and exemption measures.
Water crossing above: 12"V with no W joints within 96"H. Water crossing below: requires exemption measures.

DETAIL 10
NTS
(MINIMUM UNDERGROUND UTILITY CLEARANCES)



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BY
REVISION
DATE
NO.

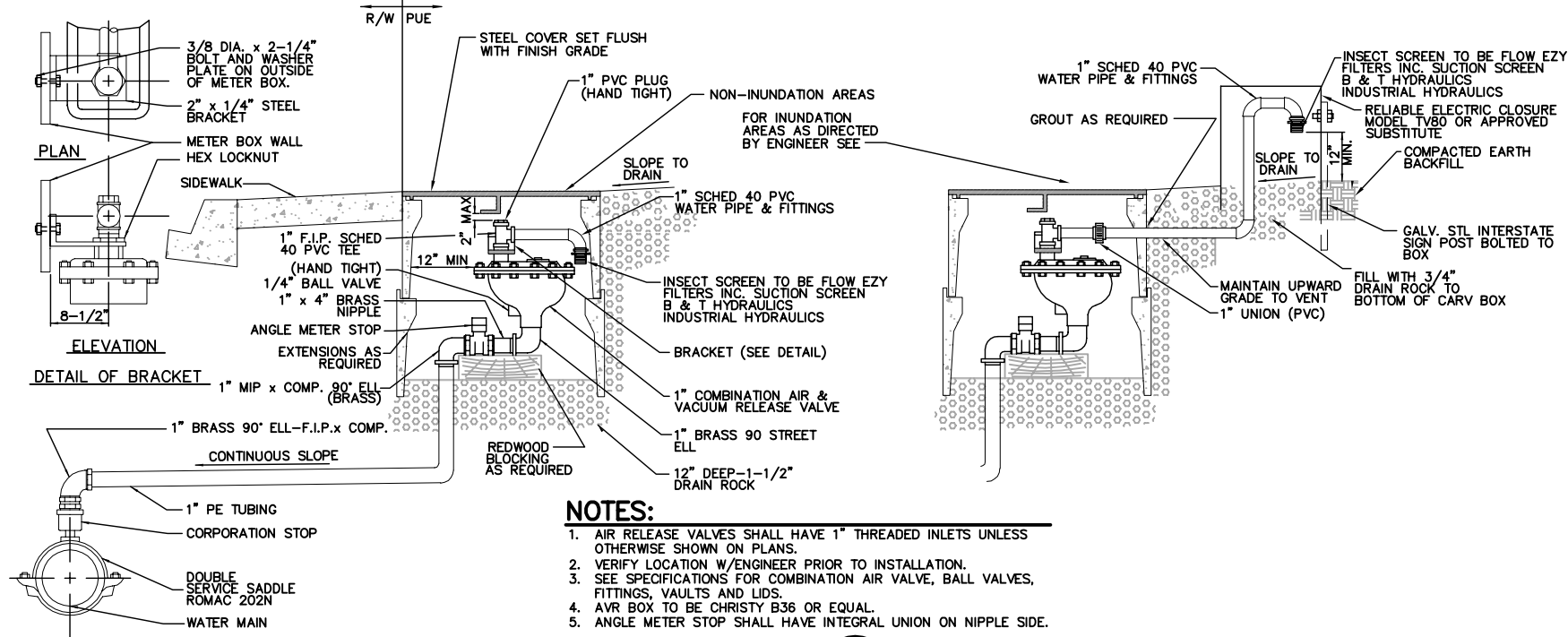
DSGN GNH
DR NMD/CON
CHK MKF
APVD

TOWN OF SCOTIA, LLC
CORRIDOR UTILITIES
SCOTIA, CALIFORNIA
WATER DETAILS

SHEET
C-8
SEQ
DATE 03/2018
PROJ. NO. 005161.414

5/10/2018
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SAVED: 5/10/2018 2:58 PM NDOWNEY, PLOTTED: 5/10/2018 3:22 PM NATHAN DOWNEY
\\Eureka\Projects\2005\005161-ScottMasterPlan\414-Inds-Fire-sys\Draws\005161-414-COR-DTLs.dwg

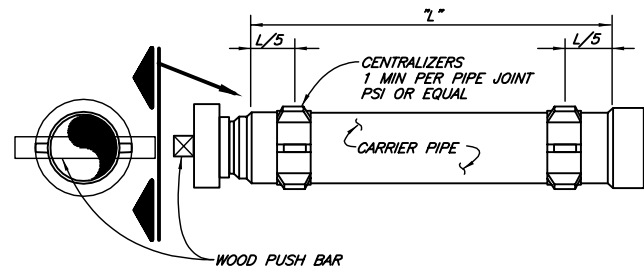


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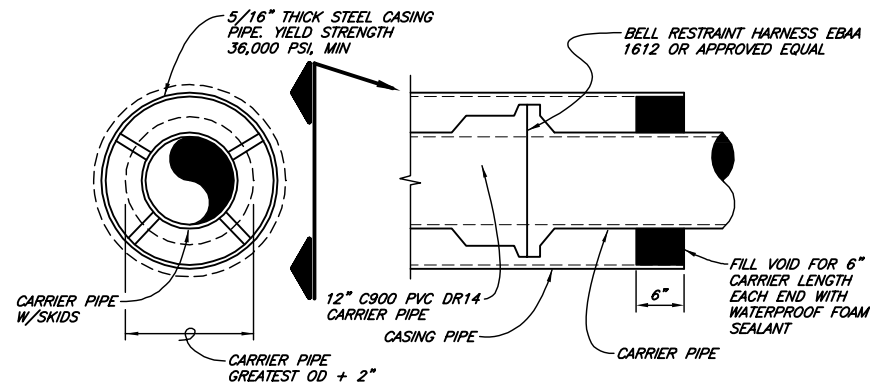
- AIR RELEASE VALVES SHALL HAVE 1" THREADED INLETS UNLESS OTHERWISE SHOWN ON PLANS.
- VERIFY LOCATION W/ENGINEER PRIOR TO INSTALLATION.
- SEE SPECIFICATIONS FOR COMBINATION AIR VALVE, BALL VALVES, FITTINGS, VAULTS AND LIDS.
- AVR BOX TO BE CHRISTY B36 OR EQUAL.
- ANGLE METER STOP SHALL HAVE INTEGRAL UNION ON NIPPLE SIDE.

DETAIL 1

(COMBINATION AIR-VACUUM RELEASE VALVE (CARV))



CARRIER PIPE SKID



CASING PIPE

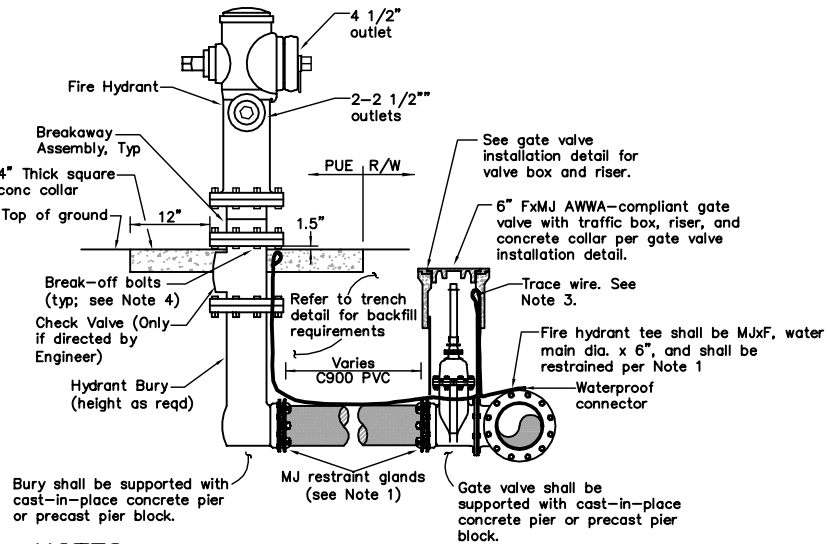
NOTES:

- EACH CASING JOINT SHALL BE WELDED ALL AROUND.
- EACH CASING JOINT SHALL BE INSTALLED BY OPEN TRENCHING.
- MINIMUM CLEARANCE BETWEEN INSIDE OF CASING PIPE AND GREATEST OD OF CARRIER PIPE SHALL BE 1" ALL AROUND.

LINE NO.	FROM STA	TO STA	CARRIER PIPE DIA	CASING PIPE DIA
PUBLIC SEWER	"CR" 17+13	"CR" 17+66	12"	24"

DETAIL 3

(CASING PIPE UNDER RAILROAD)

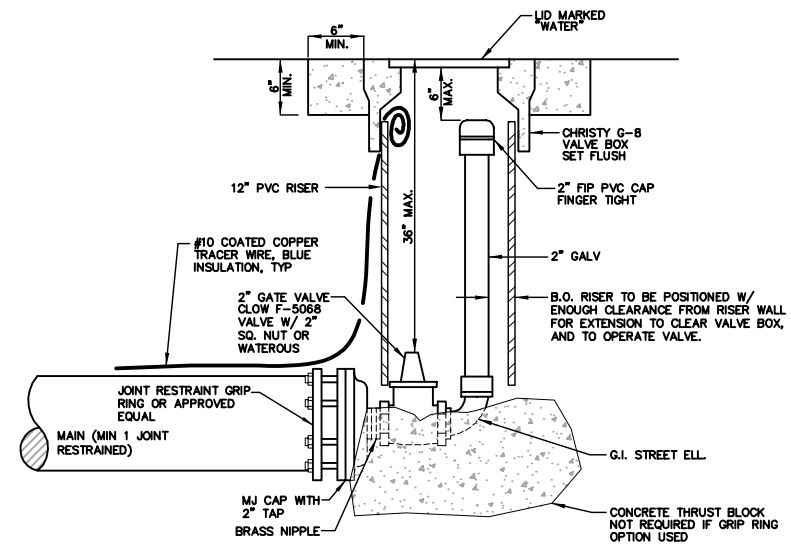


NOTES:

- ALL RESTRAINED JOINT GLANDS SHALL CONFORM TO RESTRAINED JOINT PIPE INSTALLATION DETAILS.
- THE CONTRACTOR SHALL PLACE AND SECURE A YELLOW BAG OVER THE HYDRANT IMMEDIATELY UPON EITHER INSTALLATION OR REMOVAL FROM SERVICE. THIS BAG SHALL BE MOVED AND REPLACED WITH A BLUE BAG ONCE THE HYDRANT IS READY FOR USE. THE TOS SHALL SUPPLY ALL BAGS FOR THE CONTRACTOR'S USE.
- #10 COPPER TRACE WIRE WITH BLUE INSULATION SHALL BE TAPED TO ALL WATER MAINS, FITTINGS, AND SERVICES. SERVICE TRACE WIRE SHALL BE SECURELY CONNECTED TO THE WATER MAIN TRACE WIRE AT ONE END WITH WATERPROOF, CORROSION RESISTANT CONNECTOR SHALL BE LOOPED JUST BELOW THE LID OF THE TRAFFIC BOX, AND SHALL TERMINATE AT THE BREAKOFF FLANGE.
- THE HYDRANT BURY SHALL BE SHIMMED IN SUCH A WAY THAT THE WEAKENED BREAKAWAY JOINT ON THE BREAKAWAY ASSEMBLY IS 1.5" ABOVE THE SURFACE OF THE RECONSTRUCTED SIDEWALK. IN ADDITION, BREAK-OFF BOLTS SHALL BE USED ON THE BOTTOM FLANGE OF THE BREAKAWAY ASSEMBLY AS NOTED.
- WHERE NO SIDEWALK EXISTS A 4" THICK 4' X 4' CONCRETE PAD SHALL BE INSTALLED.
- BLUE REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ONE FOOT FROM THE STREET CENTERLINE OF THE FACING STREET. IF HYDRANT LIES WITHIN 20' OF THE CORNER, AN ADDITIONAL MARKER SHALL BE PLACED IN THE STREET PERPENDICULAR TO THE HYDRANT ONE FOOT FROM THAT STREET CENTERLINE.
- SEE SPECIFICATIONS FOR HYDRANT MAKE/MODEL.

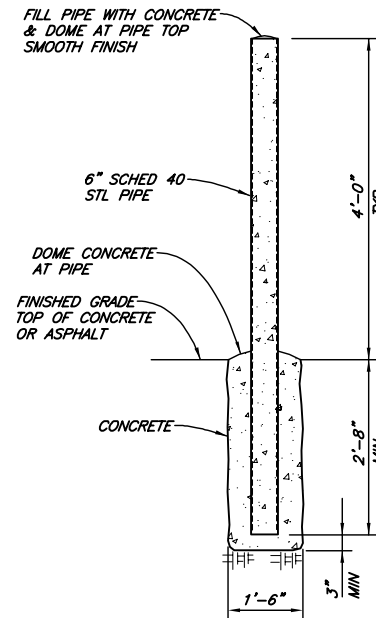
DETAIL 4

(FIRE HYDRANT)



DETAIL 2

(BLOW OFF VALVE)



NOTE:

PRIME ENTIRE POST WITH 2 COATS EXTERIOR PRIMER. PAINT EXPOSED SURFACE WITH 2 COATS TRAFFIC YELLOW ENAMEL

DETAIL 5

(BOLLARD)



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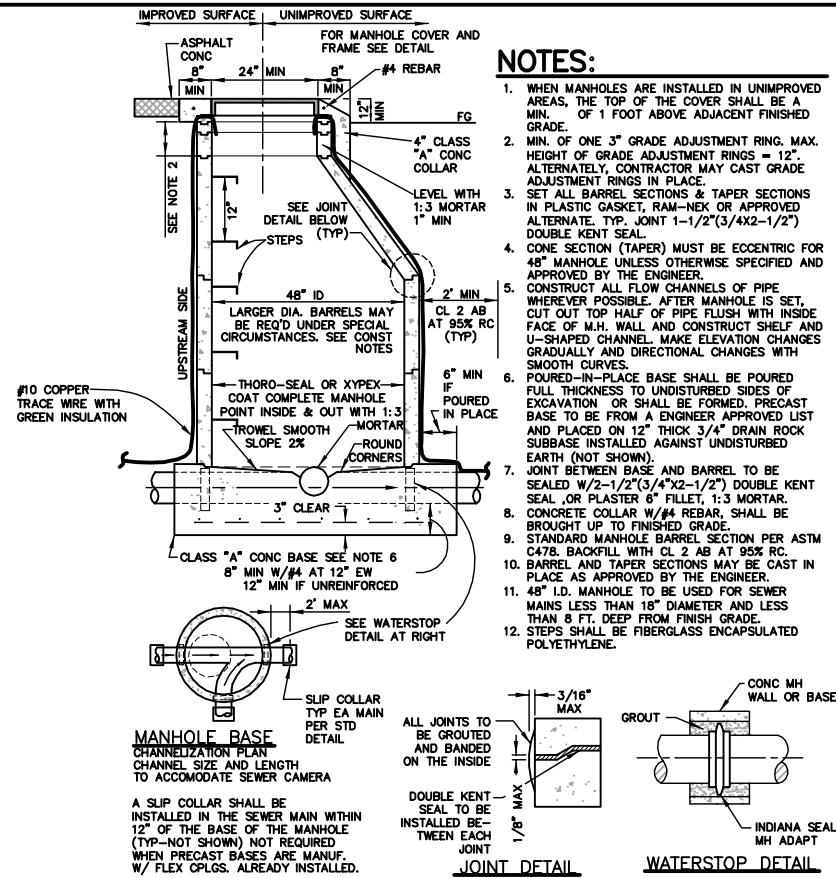
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OR NMD/CON
CHK MKF
APVD

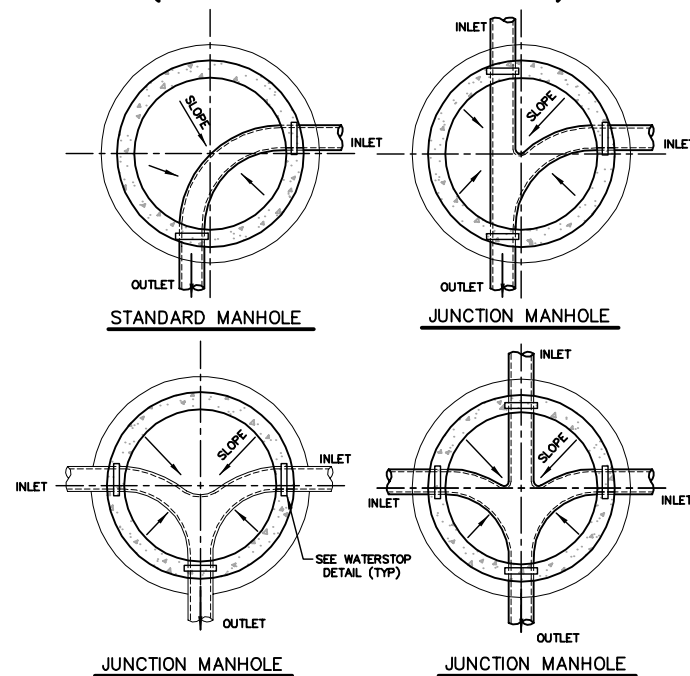
TOWN OF SCOTIA, LLC
CORRIDOR UTILITIES
SCOTIA, CALIFORNIA
WATER DETAILS

SHEET
C-9
SEQ
DATE 03/2018
PROJ. NO.
005161.414

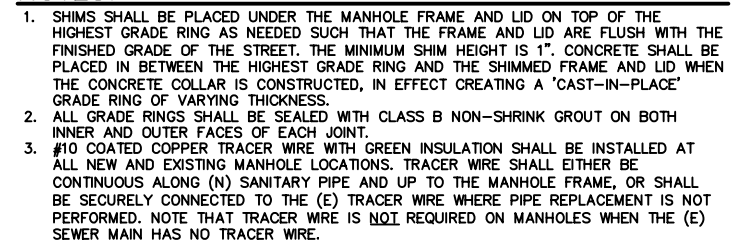
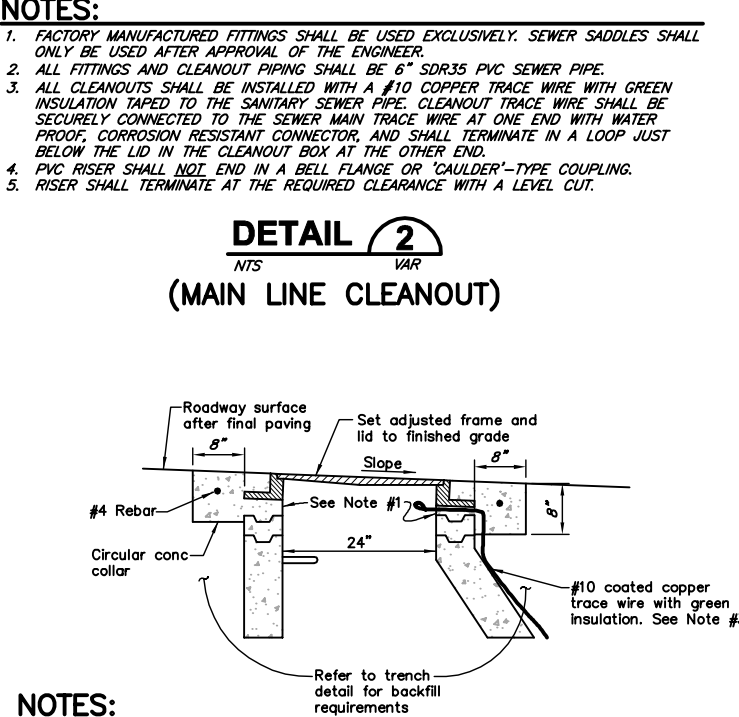
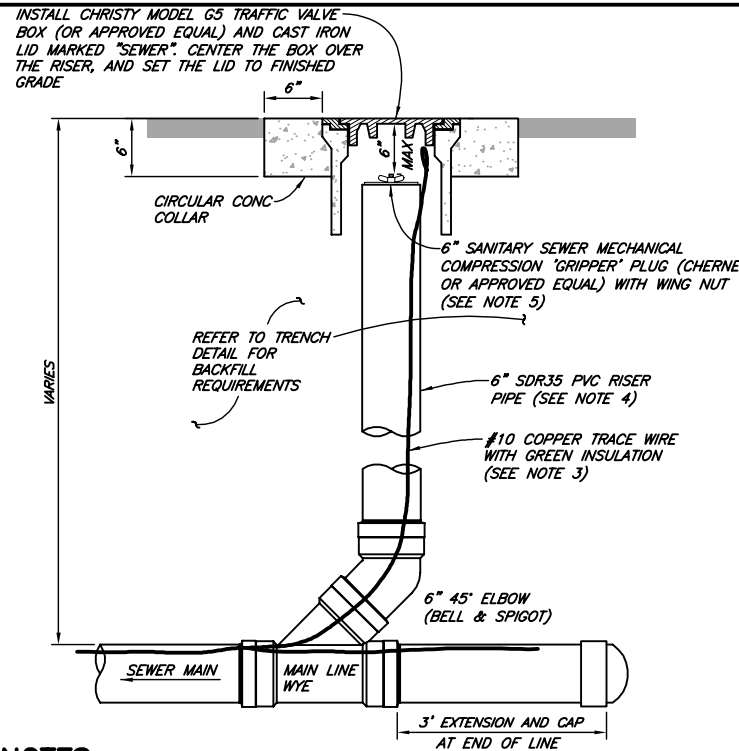
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\\Eureka\Projects\2005\005161-ScottMasterPlan\414-Inds-Fire-sys\Draws\005161-414-COR-DTLs.dwg



DETAIL 1
NTS
C-3,4,5,6
(SANITARY SEWER MANHOLE)



DETAIL 4
NTS
(STANDARD MANHOLE CHANNELS)



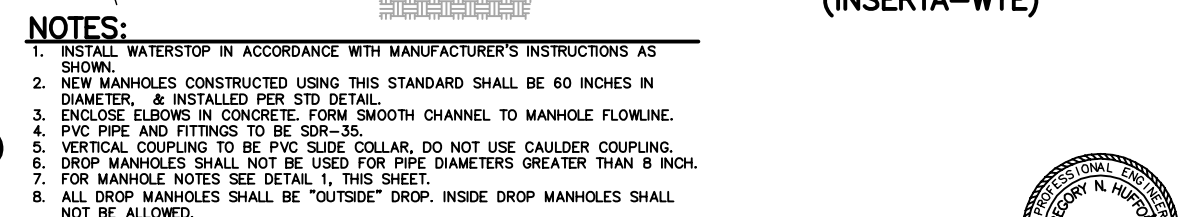
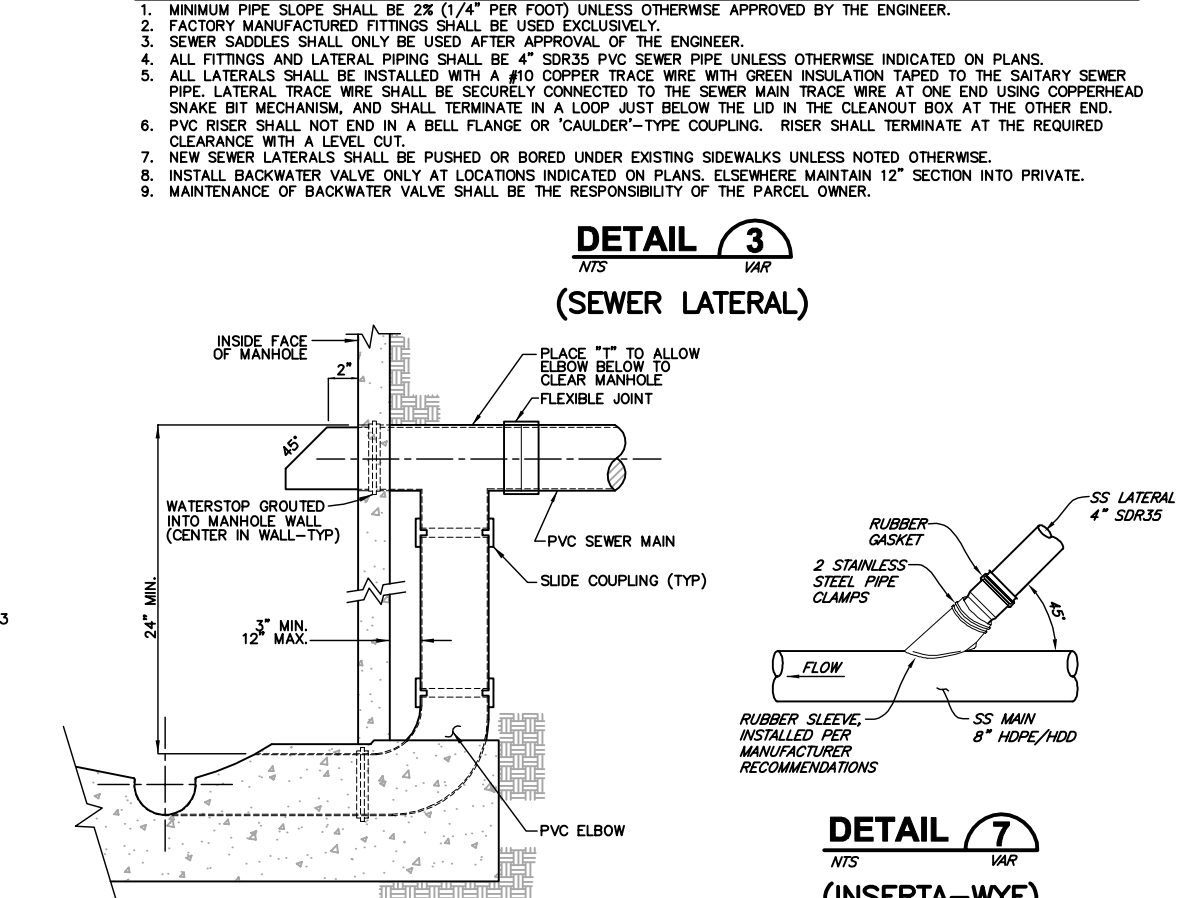
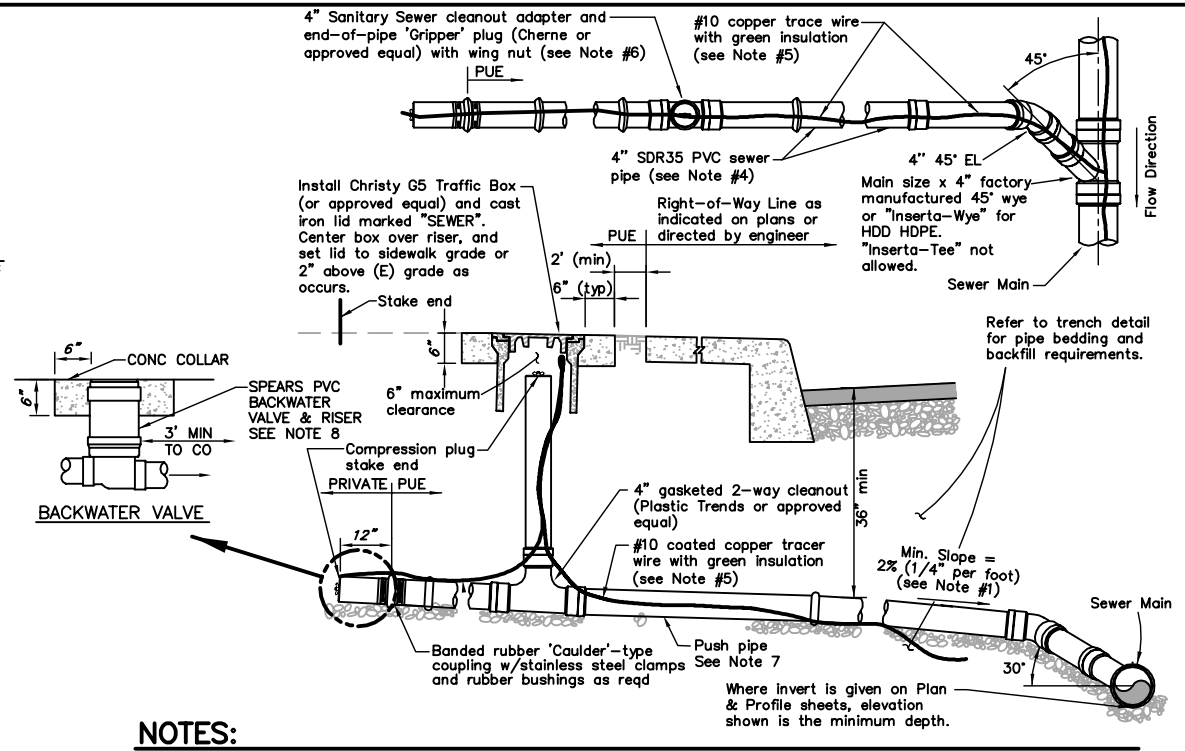
DETAIL 5
NTS
(MANHOLE FRAME & LID ADJUSTMENT TO GRADE)



DETAIL 5
NTS
(MANHOLE FRAME & LID ADJUSTMENT TO GRADE)



DETAIL 5
NTS
(MANHOLE FRAME & LID ADJUSTMENT TO GRADE)



DETAIL 6
NTS
(DROP MANHOLE)



DETAIL 6
NTS
(DROP MANHOLE)

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APPROVED: MKF

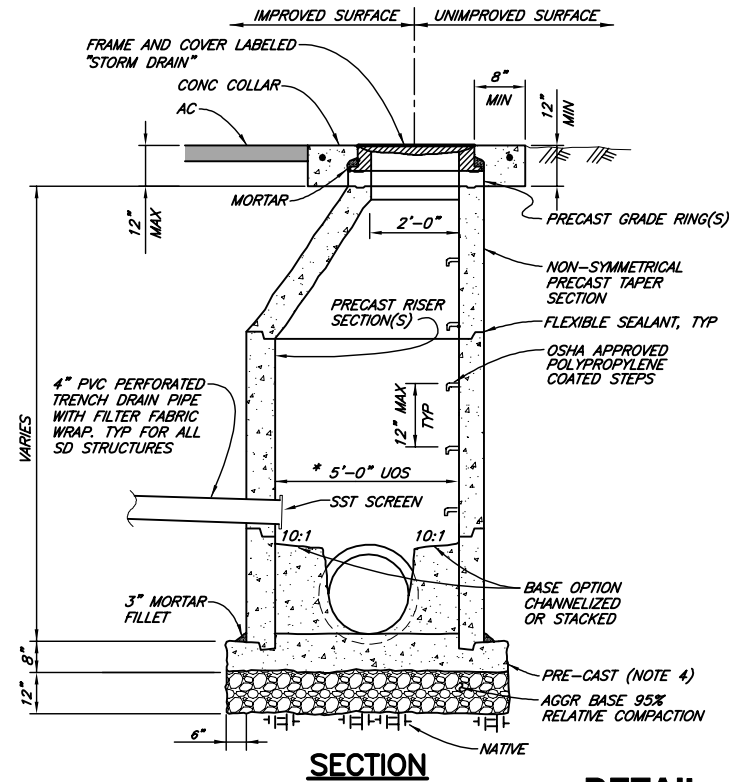
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SEWER DETAILS

SHEET C-10
SEQ
DATE 03/2018
PROJ. NO. 005161.414

5/10/2018

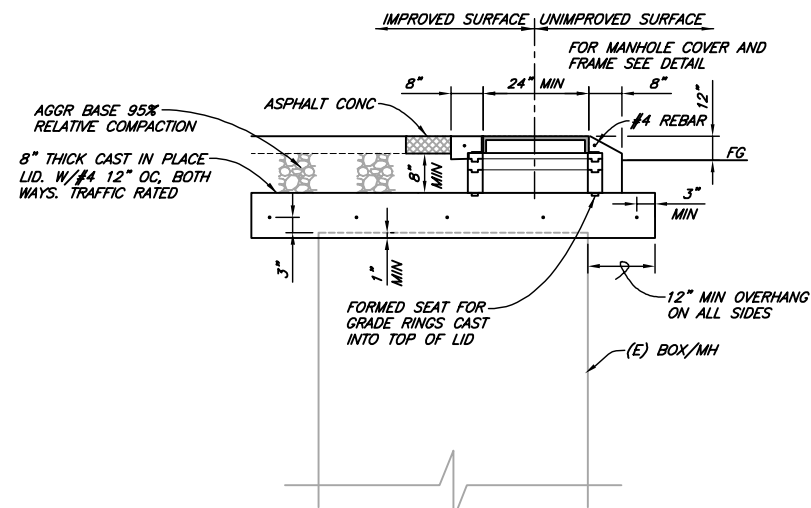
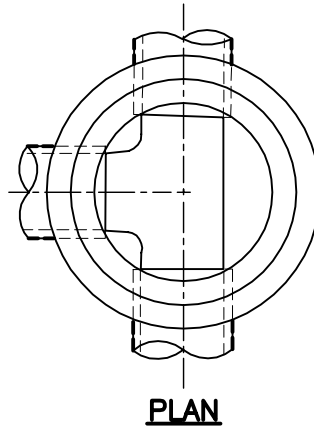
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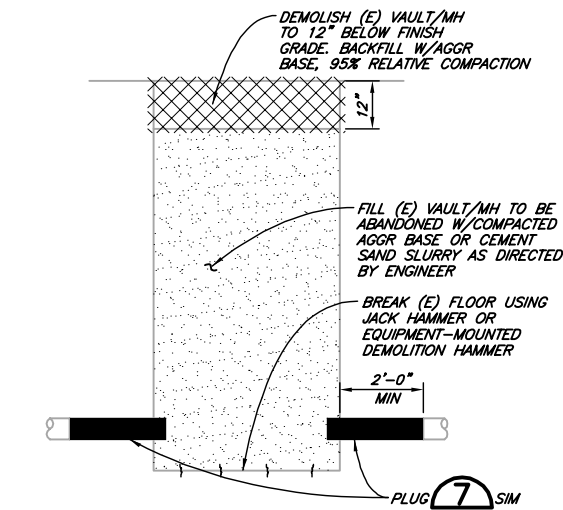
DETAIL 1
NTS C-3,4,5,6
(STORM DRAIN MANHOLE)

NOTES:

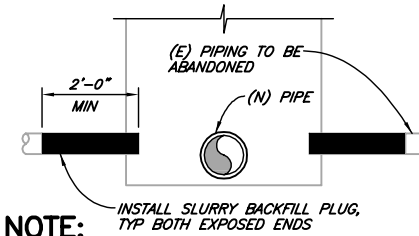
1. CONCRETE AND MASONRY WORK SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS.
2. ALL JOINTS SHALL BE SMOOTHLY TRIMMED WITH CLASS B MORTAR ON THE INSIDE AND OUTSIDE OF THE MANHOLE.
3. JOINT SEALANT COMPOUND SHALL BE USED TO SET MANHOLE SEGMENTS.
4. CAST-IN-PLACE BASES SHALL BE USED ON MANHOLES 6'-0" AND GREATER INSIDE DIAMETER WITH #4 REINF STEEL AT 12" OC EW. * OR AS DIRECTED BY ENGINEER OR NOTED ON THE PLANS



DETAIL 4
NTS
(E) BOX CONVERSION)

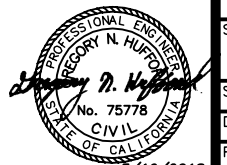


DETAIL 2
NTS
(E) VAULT/MH ABANDONMENT)

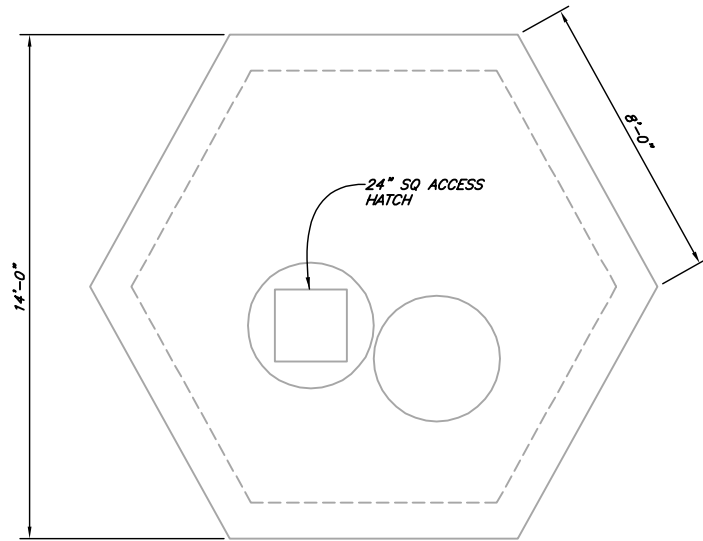


- NOTE:**
1. EXISTING PIPING TO BE ABANDONED IN TRAVELED WAYS OR UNDER STRUCTURES AND 6" OR GREATER IN DIAMETER SHALL BE COMPLETELY BACKFILLED WITH CEMENT SAND SLURRY AS DIRECTED BY ENGINEER.

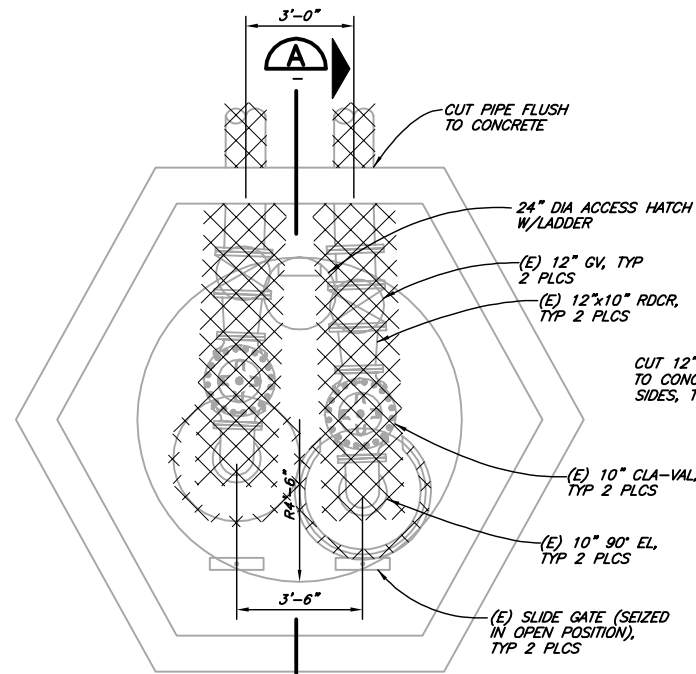
DETAIL 3
NTS
(ABANDONED PIPING PLUG)



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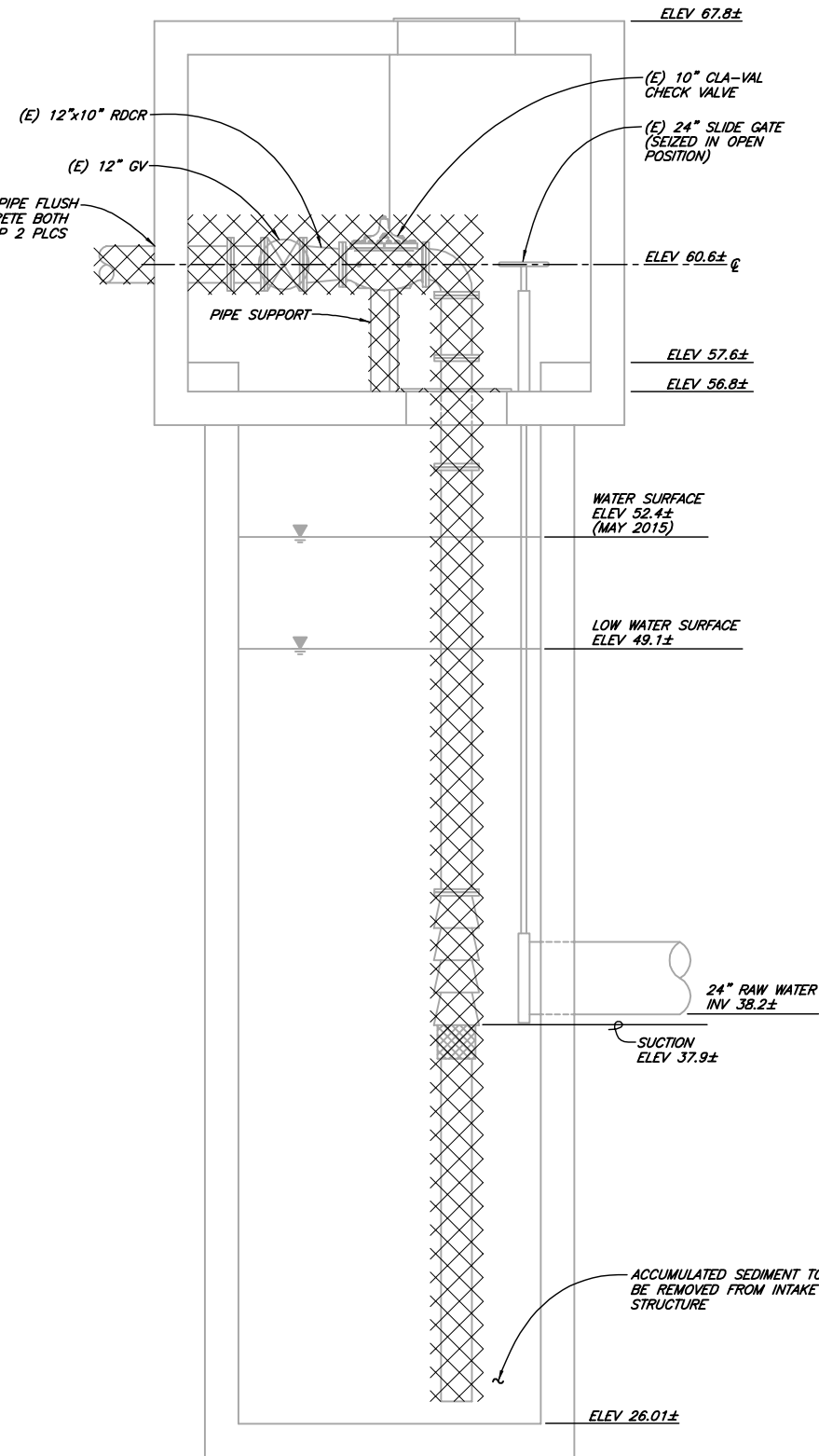
TOP PLAN
3/8"=1'-0"



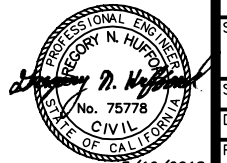
PUMP FLOOR
3/8"=1'-0"

NOTE:

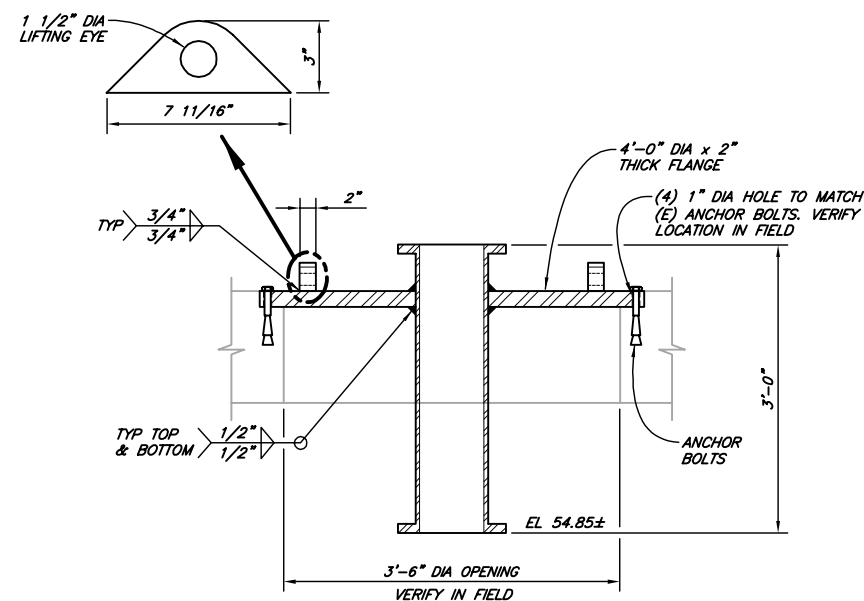
CONTRACTOR SHALL CONVENE A MEETING WITH THE SCOTIA CSD ENGINEER, THE PROJECT CONSTRUCTION MANAGER, AND THE CONTRACTOR'S FOREMAN-SUPERVISOR TWO WEEKS BEFORE INITIATION OF DEMOLITION WORK TO DISCUSS CONTRACTOR'S PROPOSED SCHEDULE FOR DEMOLITION TASKS, THE PLAN FOR PROVIDING RAW WATER DURING THE WORK, AND ANY ITEMS THAT ARE TO BE SALVAGED AND DELIVERED UNDAMAGED TO THE CSD CORPORATION YARD.



SECTION A
3/8"=1'-0"

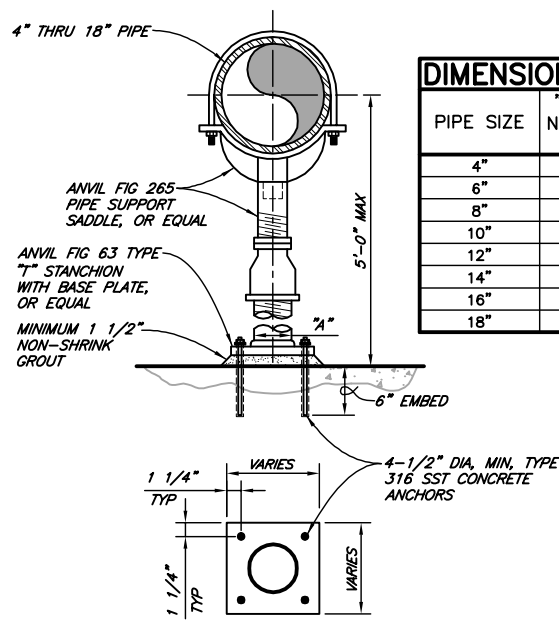


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MCV		CDN		DATE	
CHK		MCV		REVISION	
APVD		BY		NO.	
PROJECT NO.		005161.414		DATE	
5/10/2018		03/2018		NO.	



DETAIL 3

NTS



DETAIL 2
NTS
(PIPE SUPPORT)

PIPE SIZE	"A" MINIMUM NOMINAL PIPE SIZE
4"	3"
6"	4"
8"	4"
10"	4"
12"	6"
14"	6"
16"	6"
18"	6"

