

DOCUMENT 00913

ADDENDUM NUMBER 3

Issued: April 21, 2015

**Sonoma Valley County Sanitation District
Sewer Trunk Replacement (Agua Caliente Creek Crossing)**

FROM: Sonoma Valley County Sanitation District
404 Aviation Boulevard
Santa Rosa, CA 95403-9019

TO: Prospective Bidders

This Addendum forms a part of and modifies the Project Manual dated March 2015, Addendum Number 1 dated April 3, 2015, and Addendum Number 2 dated April 9, 2015. Bidder shall acknowledge receipt of this Addendum in the space provided in Document 00400 (Bid Form).

Modified text is indicated as follows: Double-underline designates text to be inserted; ~~strikethrough~~ designates text to be deleted.

Addendum Number 3 consists of 16 pages (size 8 1/2" x 11") and 5 revised Drawings.

I. General Changes

A. No changes.

II. Changes to Prior Addenda

A. Section 02535 (Sanitary Sewage Systems)

1. Addendum Number 1, modify Paragraph 2.2A.7.b as follows:

8. Color: ~~Gray~~ Black

2. Addendum Number 1, modify Paragraph 2.2Q.2.d as follows:

e. 316 stainless steel bolts, washers and nuts per ASTM F593 and ASTM F594, but protect against galling.

B. See changes to Drawings C-1 and C-2 (modified in Addendum Number 2), and C-3 (modified in Addendum Number 1) below.

III. Changes to Introductory Information and Bidding Requirements

A. Document 00100 (Advertisement for Bids):

1. Modify the third sentence of Article 2 as follows:

Work also includes construction of approximately ~~639~~ 500 linear feet of 30-inch fused high density Polyethylene (HDPE) pipe and appurtenances, 239 linear feet each of 24-inch and 12-inch fused HDPE siphon pipes and appurtenances, 133 linear feet each of 36-inch and 24-inch pipe rammed method steel casings under Agua Caliente Creek, 327

linear feet of 36-inch guided bore method steel casings, two precast siphon structures, ten manholes, the removal or abandonment and replacement of two existing lateral sewers, one potable well abandonment, two water service connections, roadway resurfacing, all-weather vehicle access surfacing, and other appurtenances.

B. Document 00320 (Geotechnical Information and Existing Conditions):

1. Insert the following after Paragraph 2.D.3.:

[4. Groundwater Data Memorandum, Sonoma Valley County Sanitation District Sonoma County Water Agency, Sewer Trunk Replacement Project, Reaches A, B and C Sonoma County, California Kleinfelder Project No.: 20143780.001A April 17, 2015](#)

C. Document 00400 (Bid Form):

1. Paragraph 4, Schedule of Bid Prices, change Bid Items 26 and 27.

26.	30-inch OD Fused SDR 41-32.5 HDPE Siphon Pipe (Open Trenched)	166	LF	\$	\$
27.	30-inch OD Fused SDR 41-32.5 HDPE Siphon Pipe (Jacked through Casing)	334	LF	\$	\$

2. Paragraph 4, Schedule of Bid Prices, change Bid Item 44.

44.	CDF Buttress Fill	600 630	CY	\$	\$
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Bidder shall use the revised Document 00400 (Bid Form) attached, marked "REVISED 4/21/15" in its Bid.

IV. Changes to Contracting Requirements

A. Document 00520 (Agreement):

1. Paragraph 4.1, Bid Items 26 and 27 will be changed in the final Contract Documents.

26.	30-inch OD Fused SDR 41-32.5 HDPE Siphon Pipe (Open Trenched)	166	LF	\$	\$
27.	30-inch OD Fused SDR 41-32.5 HDPE Siphon Pipe (Jacked through Casing)	334	LF	\$	\$

2. Paragraph 4, Schedule of Bid Prices, Bid Item 44 will be changed in the final Contract Documents.

44.	CDF Buttress Fill	600 630	CY	\$	\$
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V. Changes to Conditions of the Contract

- A. No changes.

VI. Changes to Specifications

A. Section 01100 (Summary):

1. Modify Paragraph 1.4D.22 as follows:
 22. 12-inch Outside Diameter Fused SDR 17 HDPE Siphon Pipe (Open Trenched). The unit price paid under this item shall be full payment for providing 12-inch outside diameter fused SDR 17 HDPE Siphon Pipe using open trench method, including flexible ~~2~~double-ball expansion joints and other appurtenances including, but not limited to, restrained fitting, fused pipe wall anchors, and fused fittings, with 10 percent (in addition to any other retention) to be retained and paid after testing. For purposes of payment, this item will be measured by the linear foot of pipe installed along the longitudinal axis, from the end of casing to the inside edges of siphon structures "A" and "B."
2. Modify Paragraph 1.4D.24 as follows:
 24. 24-inch Outside Diameter Fused SDR 17 HDPE Siphon Pipe (Open Trenched). The unit price paid under this item shall be full payment for providing 24-inch outside diameter fused SDR 17 HDPE Siphon Pipe using open trench method, including flexible ~~2~~double-ball expansion joints and other appurtenances including, but not limited to, restrained fitting, fused pipe wall anchors, and fused fittings, with 10 percent (in addition to any other retention) to be retained and paid after testing. For purposes of payment, this item will be measured by the linear foot of pipe installed along the longitudinal axis, from the end of casing to the inside edges of siphon structures "A" and "B."
3. Modify Paragraph 1.4D.26 as follows:
 26. 30-inch Outside Diameter Fused SDR ~~41-32.5~~ HDPE Siphon Pipe (Open Trenched). The unit price paid under this item shall be full payment for providing 30-inch outside diameter fused SDR ~~41-32.5~~ HDPE Siphon Pipe using open trench method, including flexible double-ball expansion joint and other appurtenances including, but not limited to, restrained fittings, fused pipe wall anchors, and fused fittings, with 10 percent (in addition to any other retention) to be retained and paid after testing. For purposes of payment, this item will be measured by the linear foot of pipe installed along the longitudinal axis, from the end of casing to inside edge of manhole or siphon structure where not laid through manhole or structure, or from end of casing to centerline of manhole where laid through manhole.
4. Modify Paragraph 1.4D.27 as follows:
 27. 30-inch Outside Diameter Fused SDR ~~41-32.5~~ HDPE Siphon Pipe (Jacked through Casing). The unit price paid under this item shall be full payment for providing 30-inch outside diameter fused SDR ~~41-32.5~~ HDPE Siphon Pipe using open trench method, with 10 percent (in addition to any other retention) to be retained and paid after testing. For purposes of payment, this item will be measured by linear foot along the longitudinal axis of pipe installed by jacking through casing, from end of casing to end of casing.
5. Modify Paragraph 1.16A.9 as follows:
 9. *One Time Groundwater Discharge Permit*. If disposing of groundwater to sewer, obtain the necessary no-cost permit from Owner. The Owner's Request for One Time Groundwater Discharge form and Standard Conditions for Discharging Groundwater are available at the following web location:
http://www.scwa.ca.gov/files/docs/projects/SVCSD_SewerTrunkACCrkXing/Re

[quest for One Time Groundwater Discharge and Standard Conditions for Discharging Groundwater.pdf](#)

- B. Section 02116 (Groundwater Disposal):
 - 1. Modify Paragraph 3.1.A4.b as follows:
 - b. Analyze [treat, and discharge](#) water per Owner’s Wastewater Discharge Limitations related to Owner’s Groundwater Disposal to Sewer Permit requirements.

- C. Section 02315 (Excavation, Bedding, Backfill, and Resurfacing):
 - 1. Insert the following as Paragraph 3.21:
 - [3.21 EXCAVATION WITHIN AGUA CALIENTE CREEK](#)
 - [A. No excavation is allowed within the Agua Caliente Creek channel from top of bank to top of bank.](#)

- D. Section 02535 (Sanitary Sewage Systems):
 - 1. Insert the following after Paragraph 1.1B.4:
 - [5. Section 03002 \(Concrete\)](#)
 - 2. Insert the following after Paragraph 1.2E and renumber remaining paragraphs accordingly:
 - [F. ASTM F593](#) [Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs](#)
 - [G. ASTM F594](#) [Standard Specification for Stainless Steel Nuts](#)
 - 3. Insert the following after the renumbered Paragraph 1.2K and renumber remaining paragraphs accordingly:
 - [L. AWWA C104](#) [Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water](#)
 - [M. AWWA C110](#) [Ductile-Iron and Gray Iron Fittings for Water](#)
 - 4. Modify Paragraph 2.2A.3 as follows:
 - 3. Pipe and fittings shall have a minimum SDR 17 for 12-inch and 24-inch OD, and SDR ~~41~~[32.5](#) for 30-inch OD, and meet the requirements of ASTM D3035 (1/2 inch to 24 inch outside diameter) and ASTM F714 (3 inch to 48 inch outside diameter).
 - 5. Delete Paragraph 2.2G in its entirety.
 - ~~G. Flexible Expansion Joints:~~
 - ~~1. Manufacturers and Models~~
 - ~~a. EBAA Iron Flex Tend~~
 - ~~b. Star Pipe Products Starflex 5000~~
 - ~~c. Or Approved Equal~~
 - ~~2. Double ball with 30" maximum expansion with flanged ends for 30" size, and 8" maximum expansion with flanged ends for 12" and 24" sizes~~
 - 6. Insert the following after Paragraph 2.2F as follows:
 - [G. Flanged Ductile Iron Fittings:](#)
 - [1. Conform with AWWA C110](#)
 - [2. Cement mortar-lined: AWWA C104](#)
 - [3. Petroleum asphaltic coating: AWWA C110](#)
 - [4. Minimum pressure rating 1,724 kPa \(250 PSI\)](#)

- [5. Compatible with type pressure class, bolt hole patterns, and ends of adjacent pipe or fitting used.](#)
- [6. Bolts and nuts: 316 stainless steel, ASTM F593 and ASTM F594.](#)
- [7. Separate dissimilar metals with dielectric flange gaskets and dielectric bolt bushings kits.](#)

- 7. Modify Paragraph 2.2.Q as follows:
 Q. Flexible [Double-Ball](#) Expansion Joints:
- 8. Insert the following after Paragraph 2.3A:
[2.4 CONCRETE MATERIALS](#)
 - [A. Mortar: See Section 03002 \(Concrete\)](#)
 - [B. Cellular Concrete: See Section 03002 \(Concrete\)](#)
- 9. Modify Article 3.8 heading as follows:
 3.8 FLEXIBLE [DOUBLE-BALL](#) EXPANSION JOINTS
- 10. Modify the table in Paragraph 3.11E.2 as follows:

Nominal Pipe Size	Base ID	Mandrel Diameter
SDR 26 6 inches ID	5.793 inches	5.503 inches
SDR 26 8 inches ID	7.754 inches	7.366 inches
SDR 17 HDPE 12 inches OD	10.807 inches	10.267 inches
SDR 17 HDPE 24 inches OD	20.343 inches	19.412 inches
SDR 41 32.5 HDPE 30 inches OD	27.548 27.156 inches	26.171 25.798 inches

- 11. Modify Paragraph 3.15C.1 as follows:
 - 1. Remove and dispose of existing 21 inch diameter steel sewer trunk pipe and appurtenant fittings and security fencing crossing Agua Caliente Creek as indicated from the south bank of creek. [Abandon steel pipes between manholes and banks by plugging ends of pipes with masonry and mortar similar to SCWA Design and Construction Standards for Sanitation Facilities Drawing No. 113, or by welding a steel pipe cap in place and then filling remainder of pipe with cellular concrete.](#)
- 12. Modify the table in Paragraph 3.17B.1.a.8) as follows:

Pipe Size	Minimum Time (min:sec)	Length for Minimum Time (ft)	Time for Longer Length (sec)	Test Time for Pipe Length L (min:sec)			
				100 ft	200 ft	300 ft	400 ft
4 inch	1:53	597	.190L	1:53	1:53	1:53	1:53
6 inch	2:50	398	.427L	2:50	2:50	2:50	2:51
8 inch	3:47	298	.760L	3:47	3:47	3:48	5:04
12 inch	5:40	199	1.709L	5:40	5:42	8:32	11:23
24 inch	11:20	99	6.837L	11:23	22:47	34:11	45:35
27 inch	12:45	88	8.653L	14:25	28:50	43:16	57:41
30 inch	14:10	80	10.683L	17:48	35:37	53:25	71:13
36 inch	17:00	66	15.384L	25:39	51:17	76:55	102:34
42 inch	19:54	57	20.942L	34:54	69:49	104:42	139:37

VII. Changes to Drawings

- A. Delete Drawing No. C-1 and replace with Drawing No. C-1 attached and marked "4/20/2015 Addendum 3"
 - B. Delete Drawing No. C-2 and replace with Drawing No. C-2 attached and marked "4/20/2015 Addendum 3"
 - C. Delete Drawing No. C-3 and replace with Drawing No. C-3 attached and marked "4/20/2015 Addendum 3"
 - D. Delete Drawing No. C-8 and replace with Drawing No. C-8 attached and marked "4/20/2015 Addendum 3"
 - E. Delete Drawing No. D-1 and replace with Drawing No. D-1 attached and marked "4/20/2015 Addendum 3"
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VIII. Question(s)/Answer(s)

Owner's responses to Bidder questions shall be for the purposes of interpretation and clarification of the Contract Documents only, and shall not be construed as changing, superseding, or contradicting any express term in the Contract Documents. If any Bidder believes that a response to a question warrants a change in any term in the Contract Documents, the Bidder shall so request the change be made in writing addressed to Owner and received no later than the latest date for submitting Bidder questions. In the absence of a change in any term of the Contract Documents, the express terms of the Contract Documents shall have precedence. Bidder questions are listed below verbatim.

- A. Is there a Geotech available for this project?

Owner's response: Owner finds this question ambiguous and cannot answer it. Refer to Document 00320 (Geotechnical Data and Existing Conditions).

- B. Where are we allowed/permitted to dispose of groundwater that is encountered during the work?

Owner's response: This is in the Bidding Documents.

- C. Are there any fees associated with disposal?

Owner's response: This is in the Bidding Documents. See Section 01100 (Summary).

- D. Are we going to be required to treat groundwater prior to disposal?

Owner's response: Answered in this Addendum above.

- E. What is the total project duration?

Owner's response: This is in the Bidding Documents.

- F. It appears that all the work in and around the creek must be completed between June 1st and October 15th. What is the Agency's plan if, given the rate of pipe ramming (x2 drives), we are not complete with the work by October 15th?

Owner's response: This is in the Bidding Documents. See California Department of Fish and Wildlife 1601, Lake or Streambed Alteration Agreement.

- G. What is the Agency's plan if pipe ramming is unsuccessful in advancing the casing under the creek? Will we be able to open cut if pipe ramming is not successful?

Owner's response: Answered in this Addendum above.

H. Is the District paying for compaction testing and weld testing?

Owner's response: This is in the Bidding Documents.

I. Please confirm that Fish & Game will allow us to enter the creek to remove the existing pipe supports as called out for on Sheet C-1 Note 8.

Owner's response: This is in the Bidding Documents. See California Department of Fish and Wildlife 1601, Lake or Streambed Alteration Agreement.

END OF DOCUMENT

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*** REVISED 4/21/15 ***

DOCUMENT 00400

BID FORM

To be submitted as part of Envelope "A" by the time and date specified in Document 00200 (Instructions to Bidders), paragraph 1.

TO THE HONORABLE BOARD OF DIRECTORS OF THE SONOMA VALLEY COUNTY SANITATION DISTRICT

THIS BID IS SUBMITTED BY:

(Firm/Company Name)

Re: CONTRACT NUMBER 70-712-7 #7, SONOMA VALLEY COUNTY SANITATION DISTRICT, SEWER TRUNK REPLACEMENT (AGUA CALIENTE CREEK CROSSING)

1. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the Sonoma Valley County Sanitation District, a local district of the State of California ("Owner") in the form included in the Contract Documents, Document 00520 (Agreement), to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Sum and within the Contract Time indicated in this Bid and in accordance with all other terms and conditions of the Contract Documents.
2. Bidder accepts all of the terms and conditions of the Contract Documents, Document 00100 (Advertisement for Bids), and Document 00200 (Instructions to Bidders), including, without limitation, those dealing with the disposition of Bid Security. This Bid will remain subject to acceptance for 90 Days after the day of Bid opening.
3. In submitting this Bid, Bidder represents:
 - (a) Bidder has examined all of the Contract Documents and all of the Addenda (receipt of all of which is hereby acknowledged). The Addenda are listed below.

Addendum Number	Addendum Date	Signature of Bidder

- (b) Bidder has visited the Site and performed all tasks, research, investigation, reviews, examinations, and analysis and given notices, regarding the Project and the Site, as set forth in Document 00520 (Agreement), Article 5.
 - (c) Bidder has given Owner prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and as-built drawings and actual conditions and the written resolution thereof through Addenda issued by Owner is acceptable to Contractor.
4. Based on the foregoing, Bidder proposes and agrees to fully perform the Work within the time stated and in strict accordance with the Contract Documents for the following sums of money listed in the following Schedule of Bid Prices:

SCHEDULE OF BID PRICES

All Bid items, including lump sums and unit prices, must be filled in completely. Bid items are described in Section 01100 (Summary of Work). Quote in figures only, unless words are specifically requested.

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
1.	Bonds	XXXXXX	Lump Sum	XXXXX	\$
2.	Insurance	XXXXXX	Lump Sum	XXXXX	\$
3.	Safety Program and Implementation	XXXXXX	Lump Sum	XXXXX	\$
4.	Construction Material Waste Management Plan and Implementation	XXXXXX	Lump Sum	XXXXX	\$
5.	Storm Water Pollution Prevention Plan and Implementation	XXXXXX	Lump Sum	XXXXX	\$
6.	Mobilization/ Demobilization	XXXXXX	Lump Sum	XXXXX	\$
7.	Sheet Piling, Shoring, and Bracing	XXXXXX	Lump Sum	XXXXX	\$
8.	Traffic Control Plan and Implementation	XXXXXX	Lump Sum	XXXXX	\$
9.	Project Identification Signs	2	EA	\$	\$
10.	Guided Bore Plan Preparation	XXXXXX	Lump Sum	XXXXX	\$
11.	Pipe Ramming Plan Preparation	XXXXXX	Lump Sum	XXXXX	\$

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
12.	Dewatering Plan Preparation	XXXXXX	Lump Sum	XXXXXX	\$
13.	Site Clearing	XXXXXX	Lump Sum	XXXXXX	\$
14.	Dewatering Plan Implementation	XXXXXX	Lump Sum	XXXXXX	\$
15.	Sewer Diversion and Bypass Pumping	XXXXXX	Lump Sum	XXXXXX	\$
16.	1-inch Water Service for 154 Fairview Lane	XXXXXX	Lump Sum	XXXXXX	\$
17.	1-inch Water Service for 157 Fairview Lane	XXXXXX	Lump Sum	XXXXXX	\$
18.	Abandon Existing 4-inch Side Sewer and Provide New 6-Inch PVC Side Sewer	XXXXXX	Lump Sum	XXXXXX	\$
19.	Remove Existing and Provide New 4-inch Lateral Sewer	XXXXXX	Lump Sum	XXXXXX	\$
20.	6-inch Diameter PVC Sewer Main	10	LF	\$	\$
21.	8-inch Diameter PVC Sewer Main	30	LF	\$	\$
22.	12-inch OD Fused SDR 17 HDPE Siphon Pipe (Open Trenched)	106	LF	\$	\$
23.	12-inch OD Fused SDR 17 HDPE Siphon Pipe (Jacked through Casing)	133	LF	\$	\$
24.	24-inch OD Fused SDR 17 HDPE Siphon Pipe (Open Trenched)	106	LF	\$	\$
25.	24-inch OD Fused SDR 17 HDPE Siphon Pipe (Jacked through Casing)	133	LF	\$	\$
26.	30-inch OD Fused SDR 32.5 HDPE Siphon Pipe (Open Trenched)	166	LF	\$	\$

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
27.	30-inch OD Fused SDR 32.5 HDPE Siphon Pipe (Jacked through Casing)	334	LF	\$	\$
28.	Pipe Ramming 24-inch OD Steel Casing	133	LF	\$	\$
29.	Pipe Ramming 36-inch OD Steel Casing	133	LF	\$	\$
30.	Guided Bore Method 36-inch OD Steel Cylinder Encasement	327	LF	\$	\$
31.	48-inch Diameter Manhole	2	EA	\$	\$
32.	60-inch Diameter Manhole	5	EA	\$	\$
33.	60-inch Diameter Drop Manhole	1	EA	\$	\$
34.	72-inch Diameter Drop Manhole	1	EA	\$	\$
35.	96-inch Diameter Manhole	1	EA	\$	\$
36.	Connect to, and Modify, Existing 60-inch Diameter Manhole	1	EA	\$	\$
37.	Abandon Existing 60-inch Diameter Manhole	4	EA	\$	\$
38.	Abandon or Remove Existing 21-inch, 8-inch, and 6-inch Diameter Sewer Mains	XXXXXX	Lump Sum	XXXXX	\$
39.	Remove Existing 22-inch OD Steel Trunk Sewer Main Spanning Agua Caliente Creek	XXXXXX	Lump Sum	XXXXX	\$
40.	Precast Reinforced Siphon Structure "A"	XXXXXX	Lump Sum	XXXXX	\$
41.	Precast Reinforced Siphon Structure "B"	XXXXXX	Lump Sum	XXXXX	\$

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
42.	Pipe Ramming Pits Excavation and Preparation	XXXXXX	Lump Sum	XXXXX	\$
43.	Over-Excavation Below Design Trench Subgrade in Vicinity of Siphon Structure "B"	294	CY	\$	\$
44.	CDF Buttress Fill	630	CY	\$	\$
45.	Guided Bore Method Bore and Jack Pits Excavation	XXXXXX	Lump Sum	XXXXX	\$
46.	Siphon Structure "A" and "B" Pits Excavation	XXXXXX	Lump Sum	XXXXX	\$
47.	Destroy One and Lower One Existing Piezometer Well	XXXXXX	Lump Sum	XXXXX	\$
48.	Destroy Well at 157 Fairview Lane	XXXXXX	Lump Sum	XXXXX	\$
49.	Relocate Wood Frame Structure at 157 Fairview Lane	XXXXXX	Lump Sum	XXXXX	\$
50.	All-Weather Aggregate Base Access Roadway and Appurtenances	125	SY	\$	\$
51.	Siphon Structure "B" Permeable Paver Access Roadway	380	SY	\$	\$
52.	Siphon Structure "A" Access Pad Surface Improvements	XXXXXX	Lump Sum	XXXXX	\$
53.	Old Maple Avenue Roadway Resurfacing, and Concrete Curb and Gutter	XXXXXX	Lump Sum	XXXXX	\$
54.	Type "A" Roadway Asphalt Concrete Resurfacing on Fairview Lane	581	SY	\$	\$

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
55.	Type "B" Roadway Asphalt Concrete Resurfacing on Fairview Lane	1,062	SY	\$	\$
56.	Transitional Roadway Resurfacing on Fairview Lane between Types "A" and "B"	166	SY	\$	\$
57.	Type "A" Roadway Asphalt Concrete Resurfacing on Old Maple Avenue	1,320	SY	\$	\$
58.	Revegetation	XXXXXX	Lump Sum	XXXXX	\$
59.	All Other Work	XXXXXX	Lump Sum	XXXXX	\$
TOTAL BID PRICE					\$
60.	Contingency Reserve	XXXXXX	XXXXXX	XXXXX	\$50,000.00
TOTAL					\$

Total: _____
 (Words)

5. Subcontractors for work included in all Bid items are listed on the attached Document 00430 (Subcontractors List).
6. The undersigned Bidder understands that Owner reserves the right to reject this Bid.
7. If written notice of the acceptance of this Bid, hereinafter referred to as Notice of Award, is mailed or delivered to the undersigned Bidder within the time described in paragraph 2 of this Document 00400 or at any other time thereafter unless the Notice of Award is withdrawn, the undersigned Bidder will execute and deliver the documents required by Document 00200 (Instructions to Bidders) within the times specified therein. These documents include, but are not limited to, Document 00520 (Agreement), Document 00611 (Construction Performance Bond), and Document 00612 (Construction Labor and Material Payment Bond).
8. Notice of Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.
9. The undersigned Bidder herewith encloses cash, a cashier's check, or certified check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety authorized to do a surety business in the State of California, in form specified in Document 00200 (Instructions to Bidders), in the amount of ten percent (10%) of the Total Bid Price and made payable to "Sonoma Valley County Sanitation District."

- 10. The undersigned Bidder agrees to commence Work under the Contract Documents on the date established in Document 00700 (General Conditions) and to complete all work within the time specified in Document 00520 (Agreement). The undersigned Bidder acknowledges that Owner has reserved the right to delay or modify the commencement date. The undersigned Bidder further acknowledges Owner has reserved the right to perform independent work at the Site, the extent of such work may not be determined until after the opening of the Bids, and that the undersigned Bidder will be required to cooperate with such other work in accordance with the requirements of the Contract Documents.
- 11. The undersigned Bidder agrees that, in accordance with Document 00700 (General Conditions), liquidated damages for failure to complete all Work in the Contract within the time specified in Document 00520 (Agreement) shall be as set forth in Document 00520 (Agreement).
- 12. The names of all persons interested in the foregoing Bid as principals are:

(IMPORTANT NOTICE: If Bidder or other interested person is a corporation, give the legal name of corporation, state where incorporated, and names of president and secretary thereof; if a partnership, give name of the firm and names of all individual co-partners composing the firm; if Bidder or other interested person is an individual, give first and last names in full).

NAME OF BIDDER: _____
 licensed in accordance with an act for the registration of Contractors, and with
 license number: _____ Expiration: _____.

REGISTRATION PURSUANT TO LABOR CODE SECTION 1725.5:

Contractor's registration number: _____

 Where incorporated, if applicable

 Principals

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

 Signature of Bidder

 Date of Execution

 Place of Execution

NOTE: If Bidder is a corporation, set forth the legal name of the corporation together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation. If Bidder is a partnership, set forth the name of the firm together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership.

Business Address:

Contractor's Representative(s), (name, title):

Officers authorized to sign contracts:

Signature of Officer

Title

Date of Execution

Place of Execution

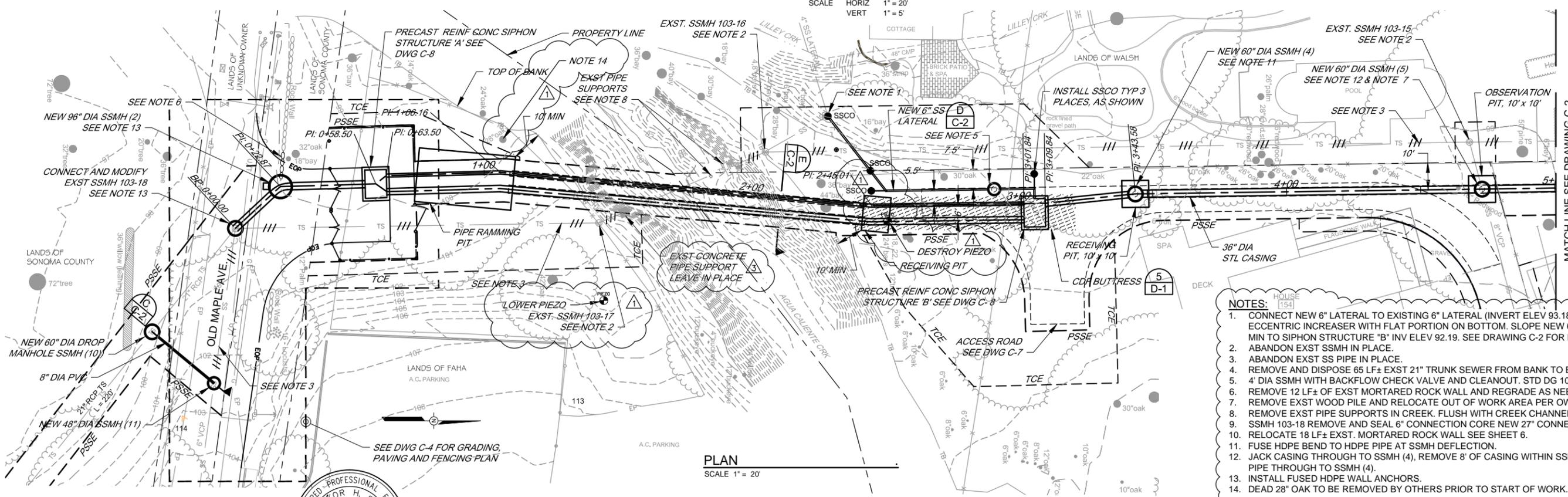
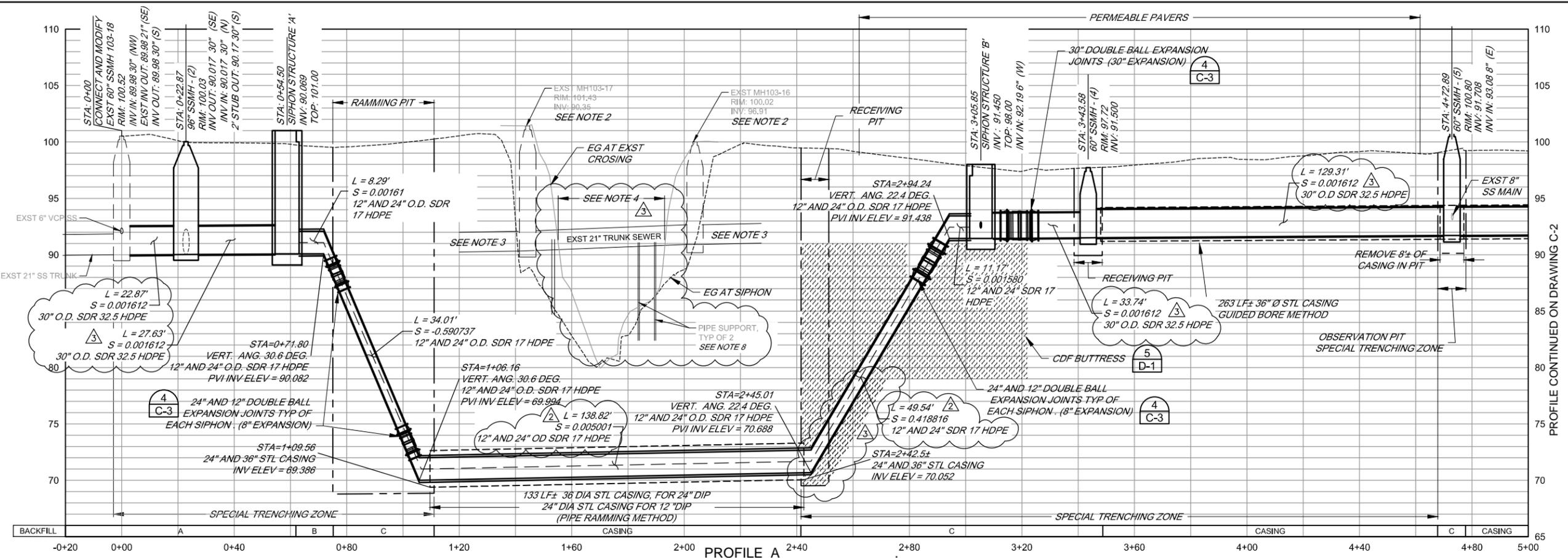
Telephone Number(s):

Fax Number(s):

Email address(es):

Date of Bid:

END OF DOCUMENT



- NOTES:**
- CONNECT NEW 6" LATERAL TO EXISTING 6" LATERAL (INVERT ELEV 93.18±) WITH 4" x 6" ECCENTRIC INCREASER WITH FLAT PORTION ON BOTTOM. SLOPE NEW 6" LATERAL (99±) AT 1% MIN TO SIPHON STRUCTURE "B" INV ELEV 92.19. SEE DRAWING C-2 FOR PROFILE.
 - ABANDON EXIST SSMH IN PLACE.
 - ABANDON EXIST SS PIPE IN PLACE.
 - REMOVE AND DISPOSE 65 LF± EXIST 21" TRUNK SEWER FROM BANK TO BANK.
 - 4" DIA SSMH WITH BACKFLOW CHECK VALVE AND CLEANOUT. STD DG 100 AND 127.
 - REMOVE EXIST WOOD PILE AND RELOCATE OUT OF WORK AREA PER OWNER OF SAME PARCEL.
 - REMOVE EXIST PIPE SUPPORTS IN CREEK. FLUSH WITH CREEK CHANNEL SURFACE.
 - SSMH 103-18 REMOVE AND SEAL 6" CONNECTION CORE NEW 27" CONNECTION.
 - RELOCATE 18 LF± EXIST. MORTARED ROCK WALL SEE SHEET 6.
 - FUSE HDPE BEND TO HDPE PIPE AT SSMH DEFLECTION.
 - JACK CASING THROUGH TO SSMH (4), REMOVE 8' OF CASING WITHIN SSMH (5) PIT, JACK HDPE PIPE THROUGH TO SSMH (4).
 - INSTALL FUSED HDPE WALL ANCHORS.
 - DEAD 28" OAK TO BE REMOVED BY OTHERS PRIOR TO START OF WORK.



NO.	DATE	REVISION	BY
3	04/20/2015	ADDENDUM 3	
2	04/08/2015	ADDENDUM 2	
1	04/02/2015	ADDENDUM 1	

**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

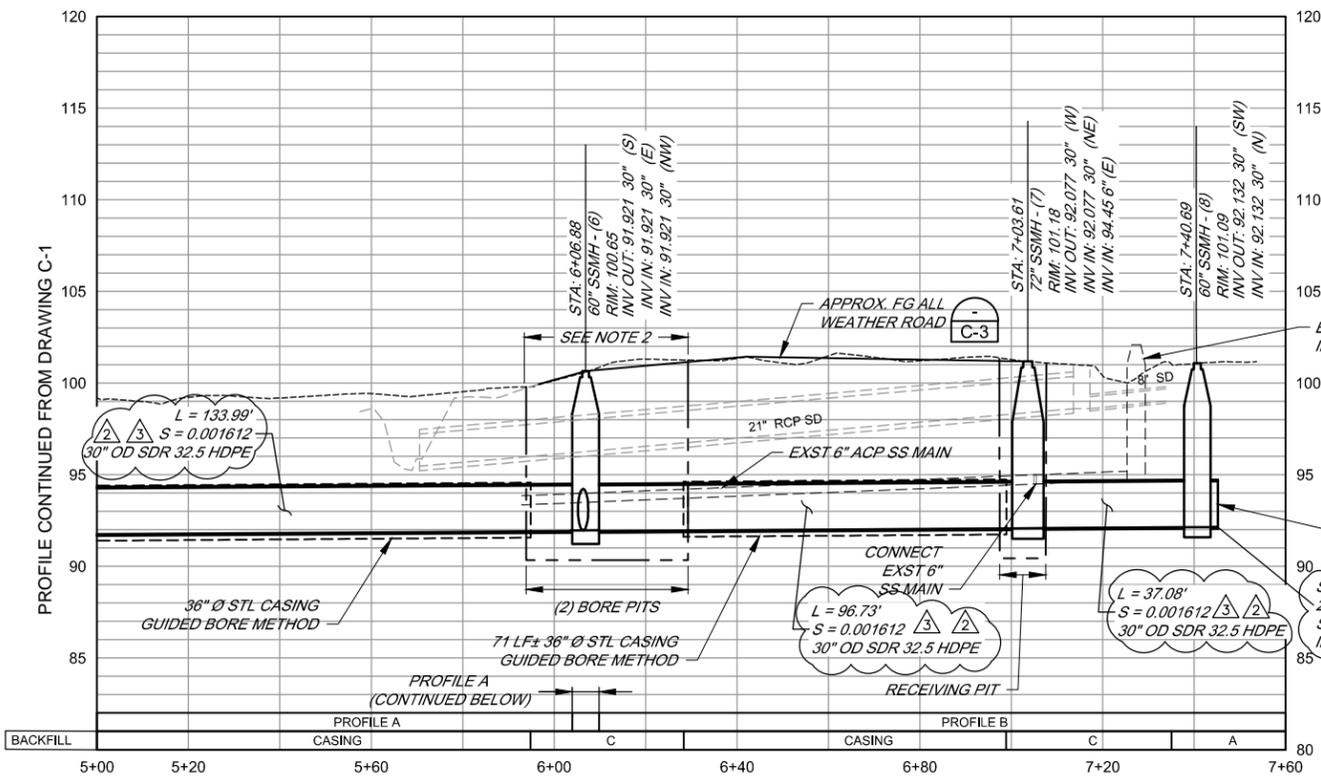
SCALE: AS SHOWN
DATE: 18 MARCH 2015
DRAWN: ADF
REVIEWED: Kent Gynne

SEWER TRUNK REPLACEMENT (AGUA CALIENTE CREEK CROSSING)

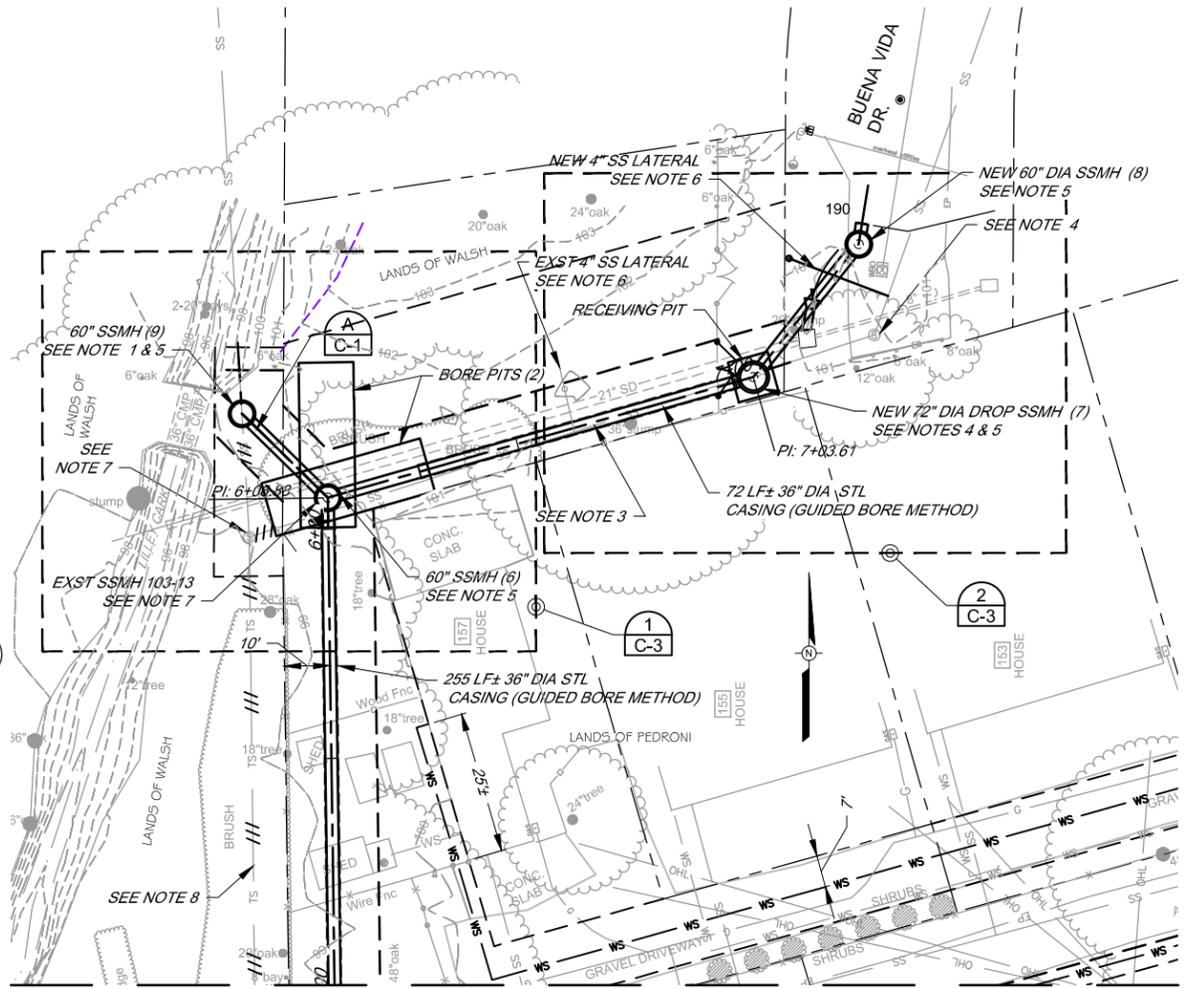
PLAN AND PROFILE STA 0+00 TO STA 5+00

FILE NAME: 7544_XING_CIVIL_Adden
CONTRACT NUMBER: 70-712-7 #7
DRAWING NUMBER: C-1
SHEET 3 OF 14

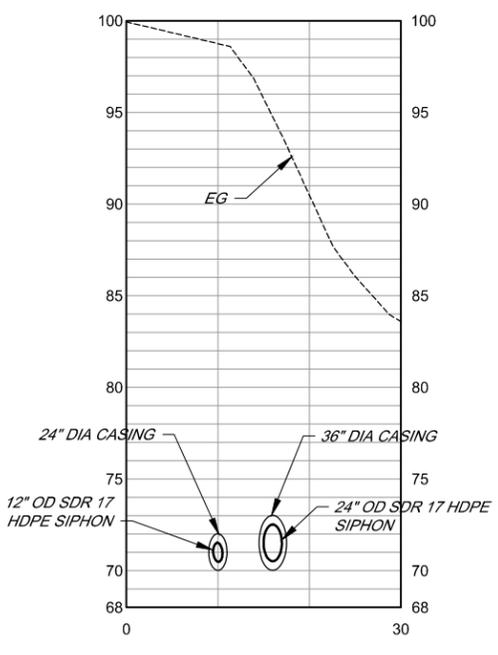
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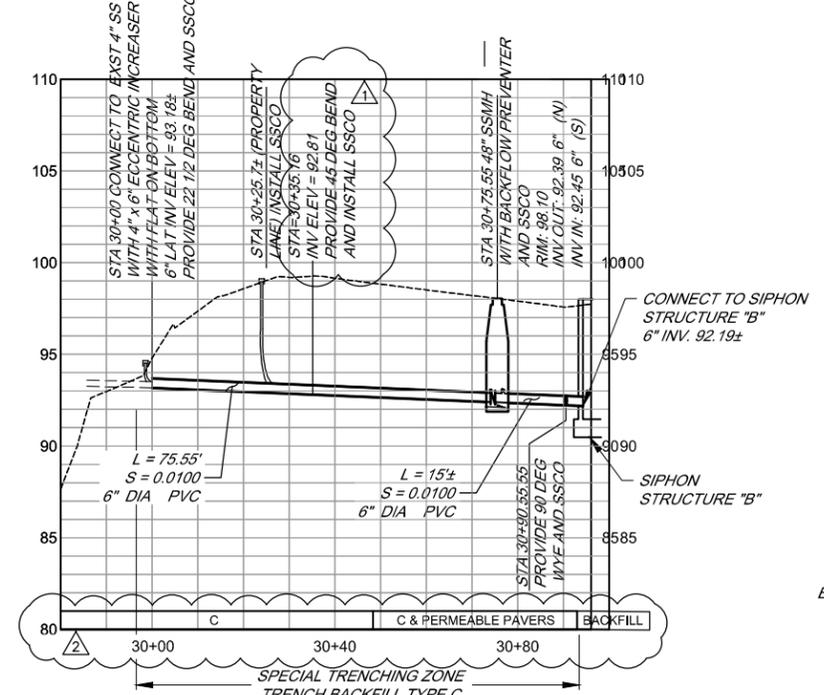
PROFILE A & B
 SCALE HORIZ 1" = 20'
 VERT 1" = 5'



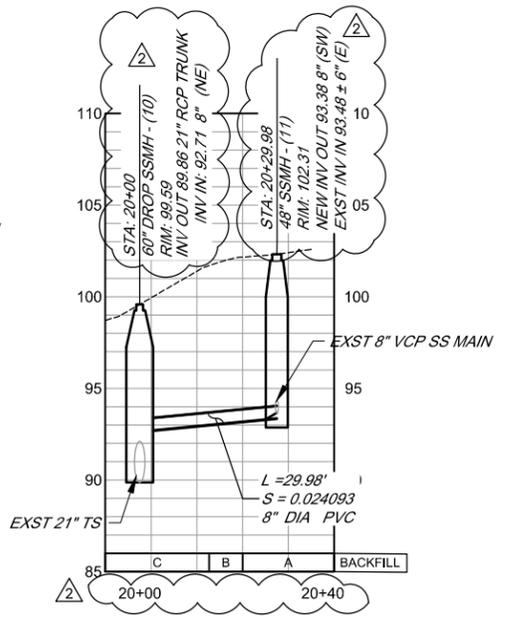
MATCH LINE SEE DRAWING C-1



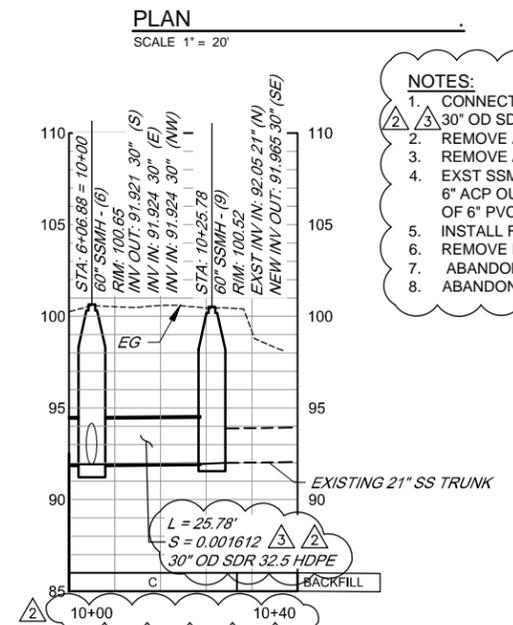
SECTION
 SCALE HORIZ 1" = 10'
 VERT 1" = 5'



PROFILE 6" LATERAL
 SEE DRAWING C-1 FOR PLAN
 SCALE HORIZ 1" = 20'
 VERT 1" = 5'



PROFILE C (8" SS MAIN)
 SEE DRAWING C-1 FOR PLAN
 SCALE HORIZ 1" = 20'
 VERT 1" = 5'



PROFILE A
 (CONTINUED ABOVE)
 SCALE HORIZ 1" = 20'
 VERT 1" = 5'

- NOTES:**
- CONNECT EXISTING 21" TRUNK TO NEW 60" SSMH (9) AND PLACE NEW 30" OD SDR 32.5 HDPE SS TRUNK OUTLET TO NEW 60" DIA. SSMH (6).
 - REMOVE AND RESTORE EXST 21" RCP STORM DRAIN WITHIN BORE PIT.
 - REMOVE AND/OR ABANDON APPROXIMATELY 124 LF± OF 6" ACP SS.
 - EXST SSMH 103-14 6" INV OUT 94.71. REMOVE AND REPLACE 9' OF EXST 6" ACP OUTLET PIPE. CONNECT TO NEW TRUNK SSMH (7) WITH 7 LF± OF 6" PVC AT S=0.0100, 6" IN AT TRUNK SSMH (7) = 94.45
 - INSTALL FUSED WALL ANCHOR PER DETAIL 6 DWG C-3.
 - REMOVE EXST 4" ACP SS LATERAL. PROVIDE NEW 4" PVC SS LATERAL.
 - ABANDON EXST SSMH IN PLACE.
 - ABANDON EXST SEWER PIPE.



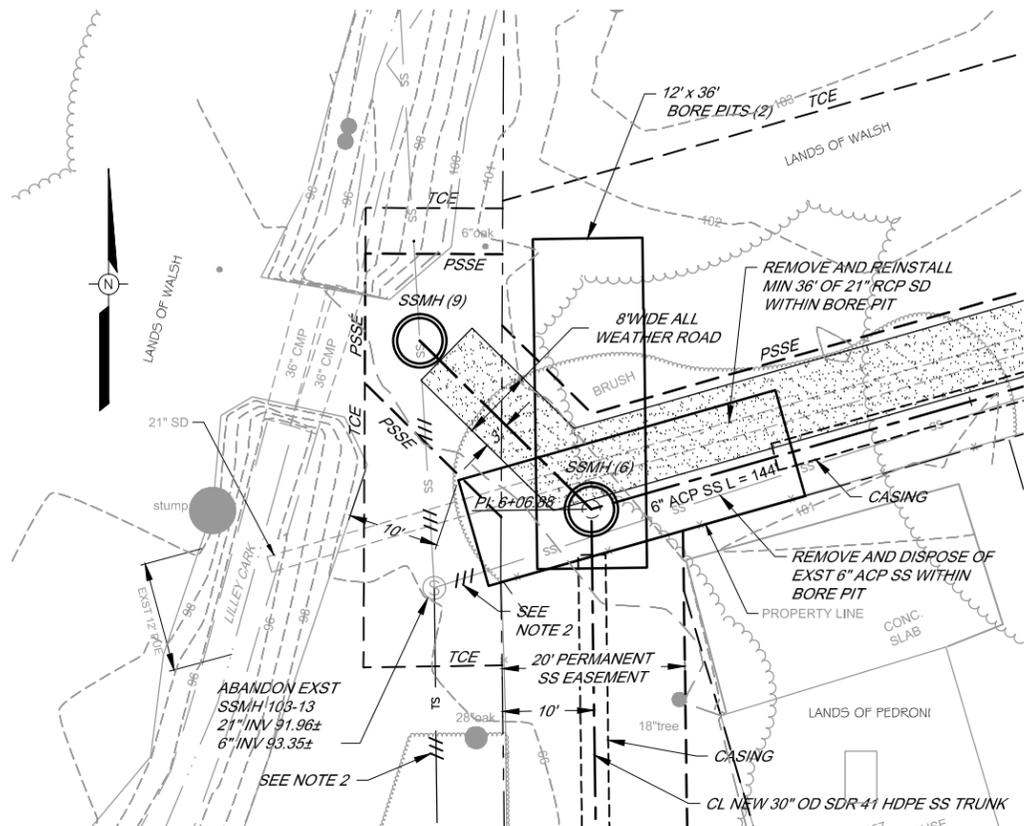
NO.	DATE	REVISION	BY
3	04/20/2015	ADDENDUM 3	
2	04/08/2015	ADDENDUM 2	
1	04/02/2015	ADDENDUM 1	

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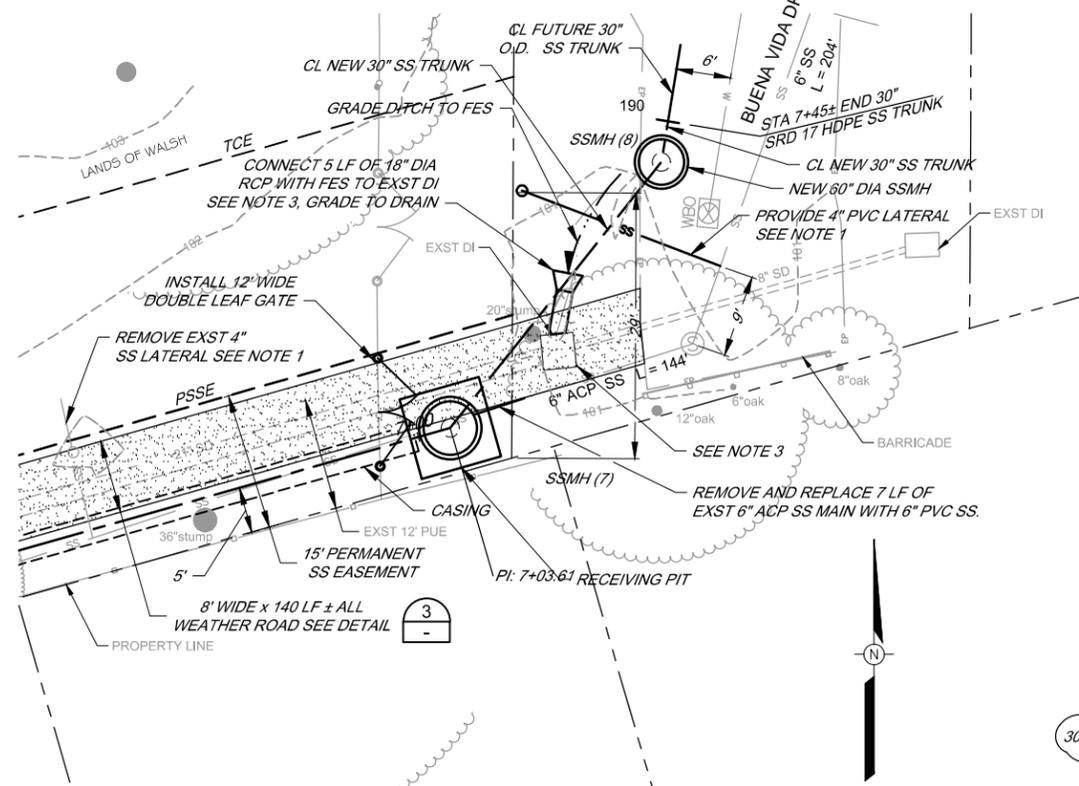
SCALE: AS SHOWN	DATE: 18 MARCH 2015
DRAWN: ADF	
REVIEWED: <i>Kent Gyle</i>	

SEWER TRUNK REPLACEMENT (AGUA CALIENTE CREEK CROSSING)	
PLAN AND PROFILE STA 5+00 TO STA 7+40 AND MISCELLANEOUS PROFILES	
FILE NAME: 7544_XING_CIVIL_Adden	DRAWING NUMBER: C-2
CONTRACT NUMBER: 70-712-7 #7	SHEET 4 OF 14

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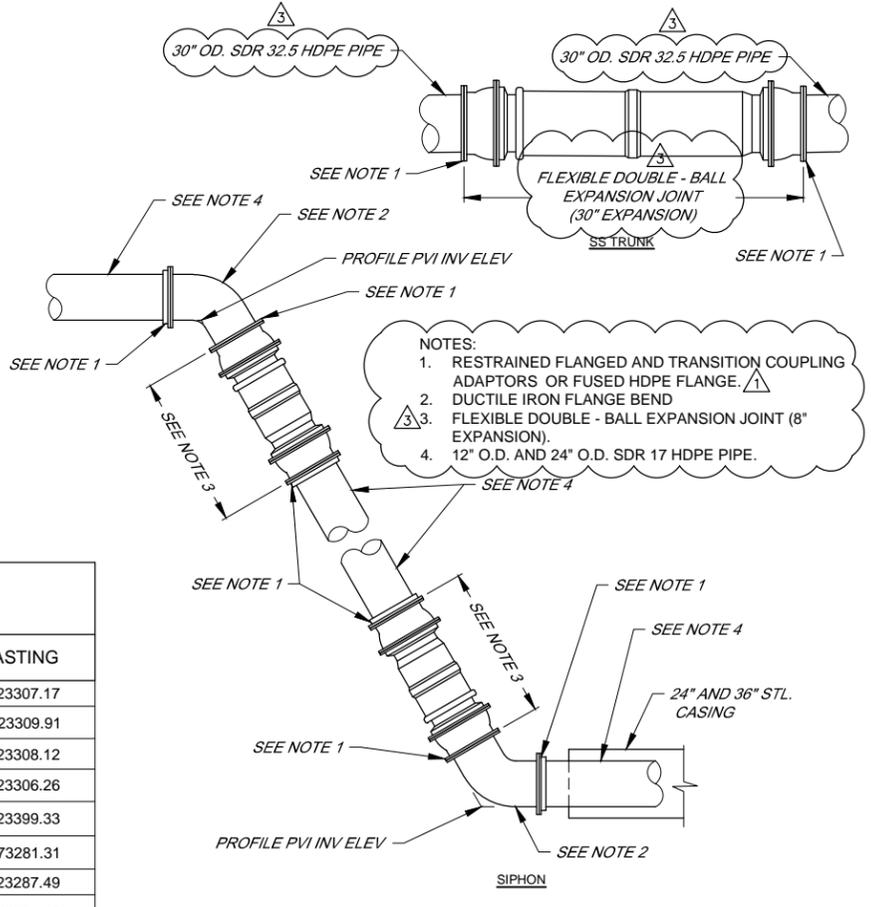


DETAIL
SCALE: 1" = 10'
1
C-2



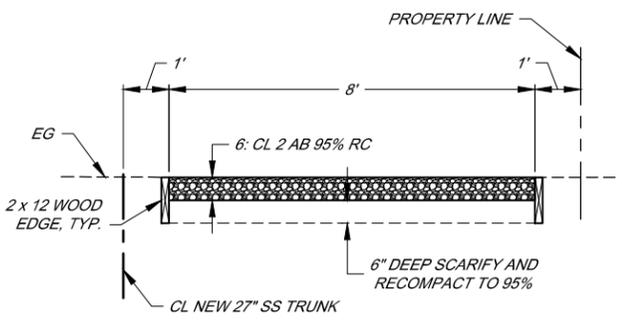
DETAIL
SCALE: 1" = 10'
2
C-2

- NOTES:**
1. REMOVE EXST 4" ACP SS LATERAL AND PROVIDE NEW 4" PVC LATERAL CONNECTION TO EXST 6" ACP SS MAIN AS INDICATED.
 2. ABANDON SS MAIN / TRUNK.
 3. MODIFY EXST SIDE INLET. SEE SPECIFICATIONS.

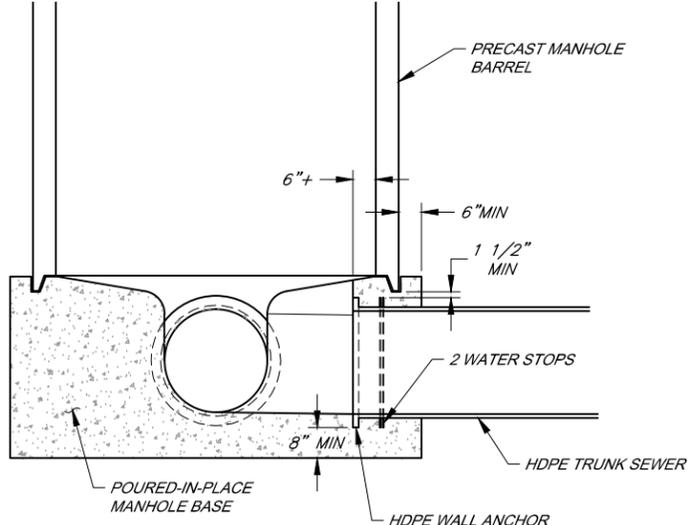


- NOTES:**
1. RESTRAINED FLANGED AND TRANSITION COUPLING ADAPTORS OR FUSED HDPE FLANGE.
 2. DUCTILE IRON FLANGE BEND.
 3. FLEXIBLE DOUBLE - BALL EXPANSION JOINT (8" EXPANSION).
 4. 12" O.D. AND 24" O.D. SDR 17 HDPE PIPE.

EXPANSION JOINT PROFILE DETAIL
SOUTH END OF SIPHON
N.T.S.
4
C-2



ROADWAY TYPICAL SECTION
SCALE: 1" = 2'
3



NOTE:
SEE SCWA SS STD. DWG. NUMBER 100-A
FOR OTHER REQUIREMENTS.

DETAIL
TRUNK SEWER WITH WALL ANCHORS AT
MANHOLES
N.T.S.
6
C-1 C-2

LIST OF NEW SSMH		
NAME SSMH	NORTHING	EASTING
SSMH (2)	1872643.81	6423307.17
SSMH (4)	1872962.67	6423309.91
SSMH (5)	1873091.97	6423308.12
SSMH (6)	1873225.94	6423306.26
SSMH (7)	1873252.30	6423399.33
SSMH (8)	1873281.31	1873281.31
SSMH (9)	1873244.31	6423287.49
SSMH (10)	1872596.00	6423361.15
SSMH (11)	1872619.06	6423380.30
LATERAL	1872908.20	6423308.16



NO.	DATE	REVISION	BY
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1	04/02/2015	ADDENDUM 1	

**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

SCALE: AS SHOWN	DATE: 18 MARCH 2015
DRAWN: ADF	
REVIEWED: <i>Kent Gyle</i>	

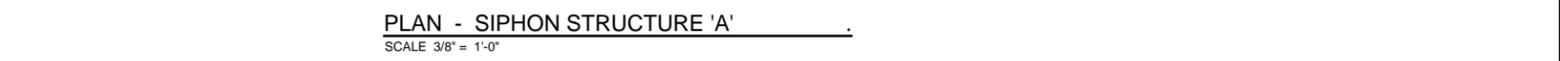
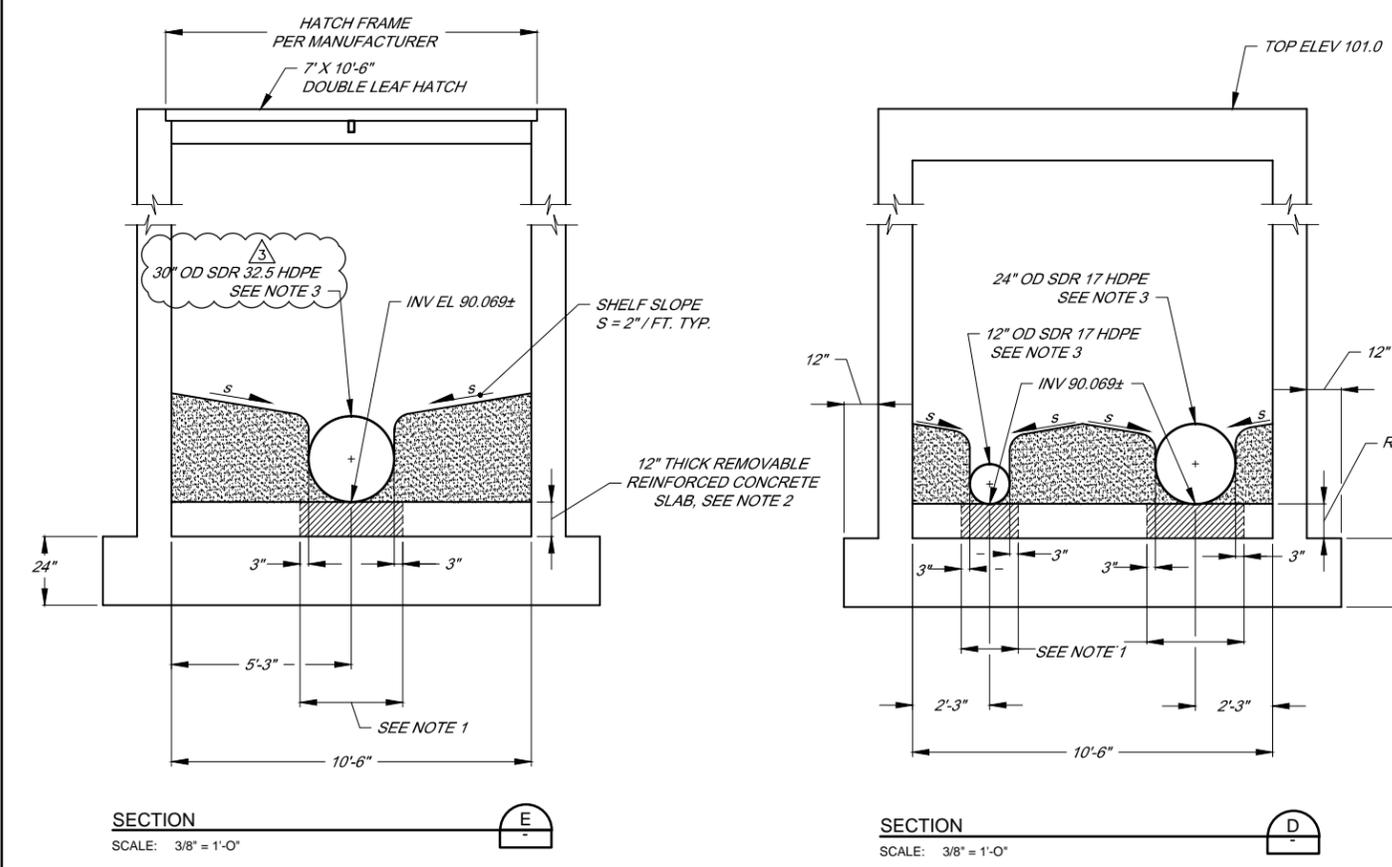
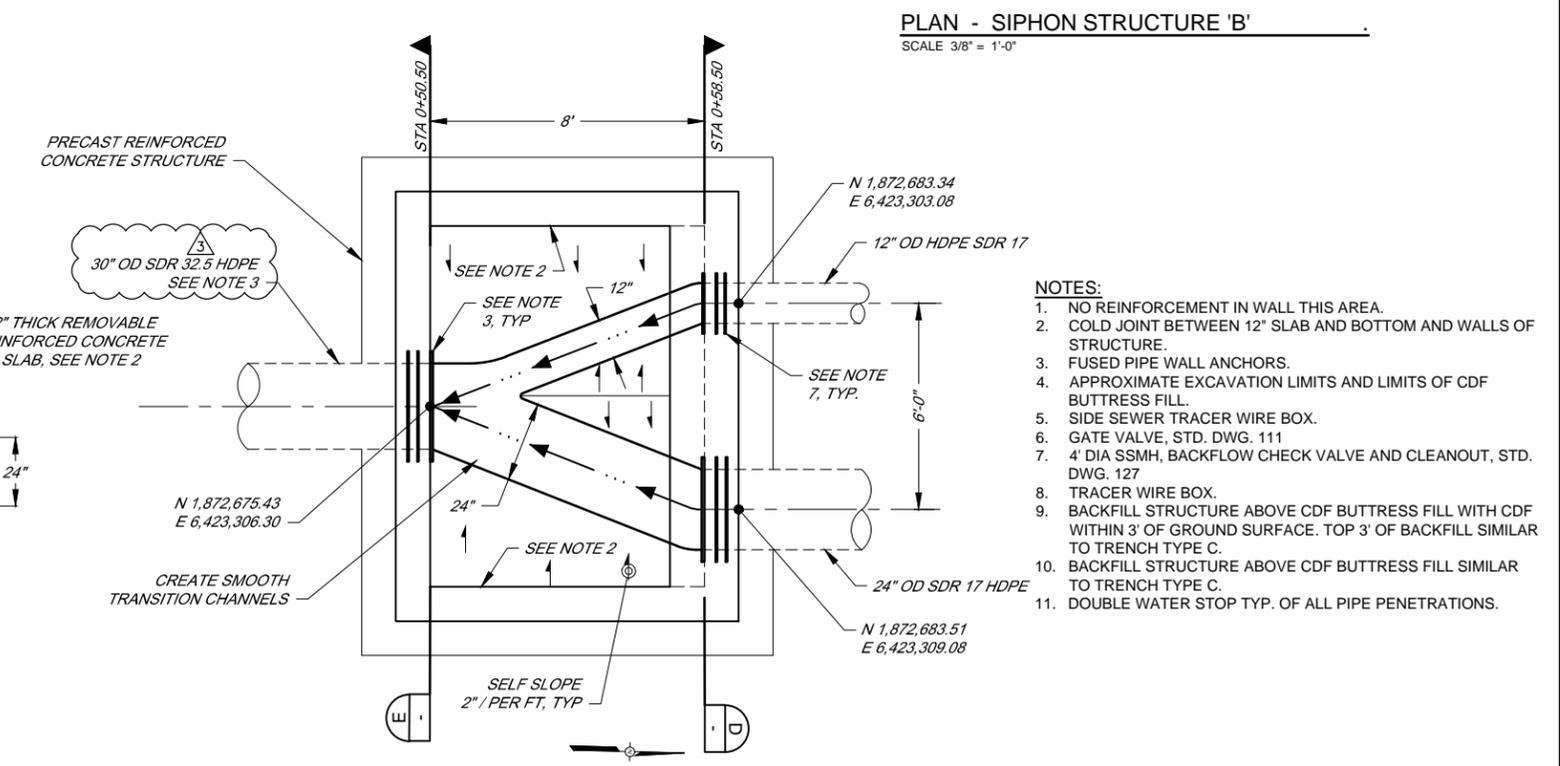
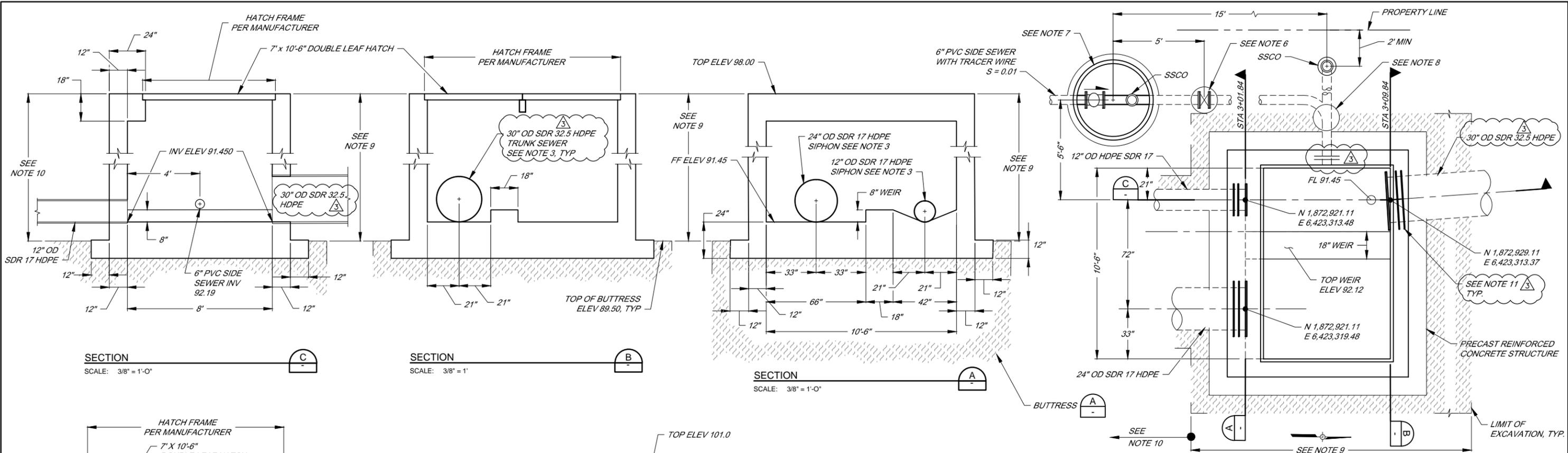
SEWER TRUNK REPLACEMENT (AGUA CALIENTE CREEK CROSSING)

DETAILS AND TABLE OF NEW SS MANHOLES

FILE NAME: 7544_XING_CIVIL_Adden	DRAWING NUMBER: C-3	SHEET 5 OF 14
CONTRACT NUMBER: 70-712-7 #7		

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BAR LENGTH ON ORIGINAL
DRAWING EQUALS ONE INCH.
ADJUST SCALE ACCORDINGLY



- NOTES:**
1. NO REINFORCEMENT IN WALL THIS AREA.
 2. COLD JOINT BETWEEN 12" SLAB AND BOTTOM AND WALLS OF STRUCTURE.
 3. FUSED PIPE WALL ANCHORS.
 4. APPROXIMATE EXCAVATION LIMITS AND LIMITS OF CDF BUTTRESS FILL.
 5. SIDE SEWER TRACER WIRE BOX.
 6. GATE VALVE, STD. DWG. 111
 7. 4" DIA SSMH, BACKFLOW CHECK VALVE AND CLEANOUT, STD. DWG. 127
 8. TRACER WIRE BOX.
 9. BACKFILL STRUCTURE ABOVE CDF BUTTRESS FILL WITH CDF WITHIN 3' OF GROUND SURFACE. TOP 3' OF BACKFILL SIMILAR TO TRENCH TYPE C.
 10. BACKFILL STRUCTURE ABOVE CDF BUTTRESS FILL SIMILAR TO TRENCH TYPE C.
 11. DOUBLE WATER STOP TYP. OF ALL PIPE PENETRATIONS.



NO.	DATE	REVISION	BY
3	04/20/2015	ADDENDUM 3	

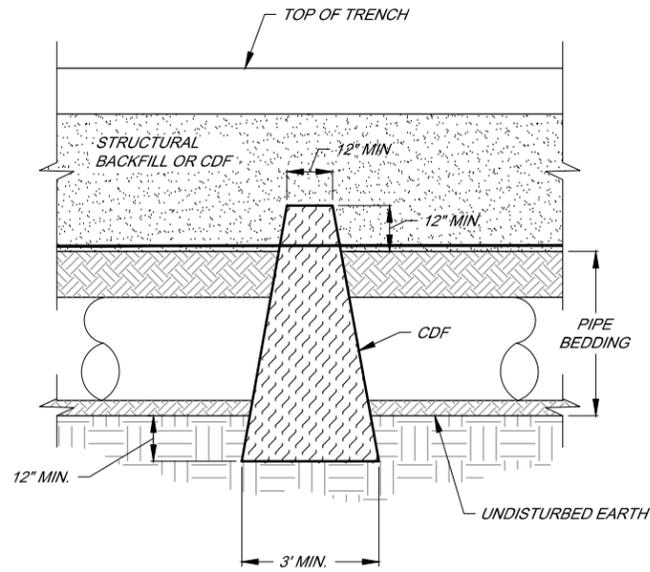
**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

SCALE: AS SHOWN	DATE: 18 MARCH 2015
DRAWN: ADF	
REVIEWED: <i>[Signature]</i>	

SEWER TRUNK REPLACEMENT (AGUA CALIENTE CREEK CROSSING)	
REINFORCED CONCRETE PRECAST SIPHON STRUCTURES 'A' AND 'B' DETAILS	
FILE NAME: 7544_XING_DETAILS_Adden	DRAWING NUMBER: C-8
CONTRACT NUMBER: 70-712-7 #7	SHEET 10 OF 14

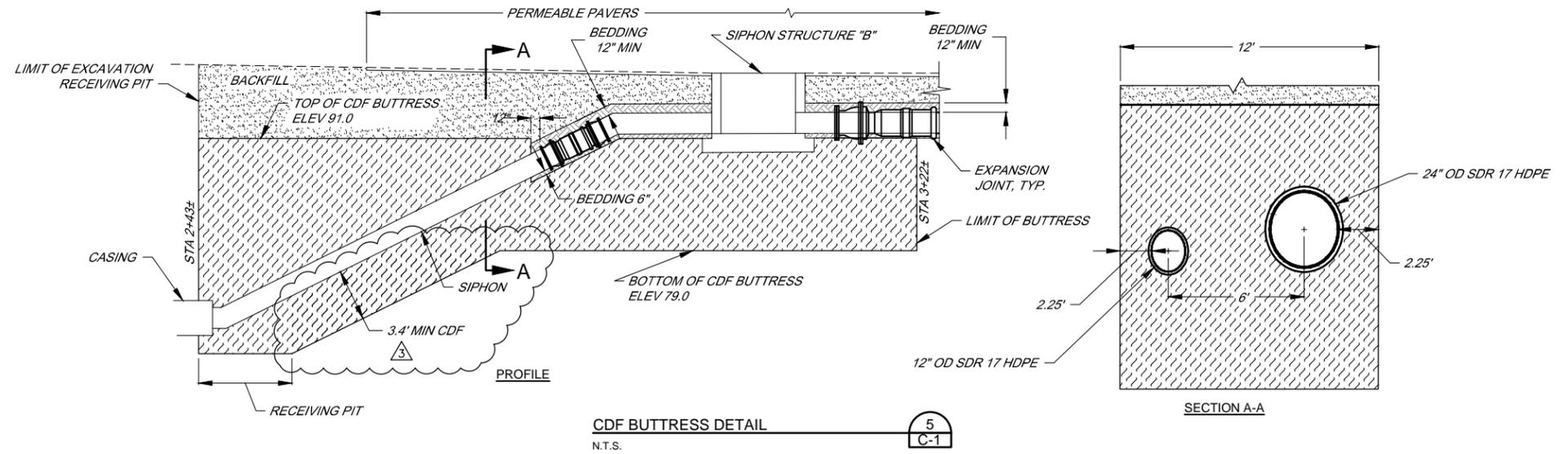
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BAR LENGTH ON ORIGINAL DRAWING EQUALS ONE INCH. ADJUST SCALE ACCORDINGLY

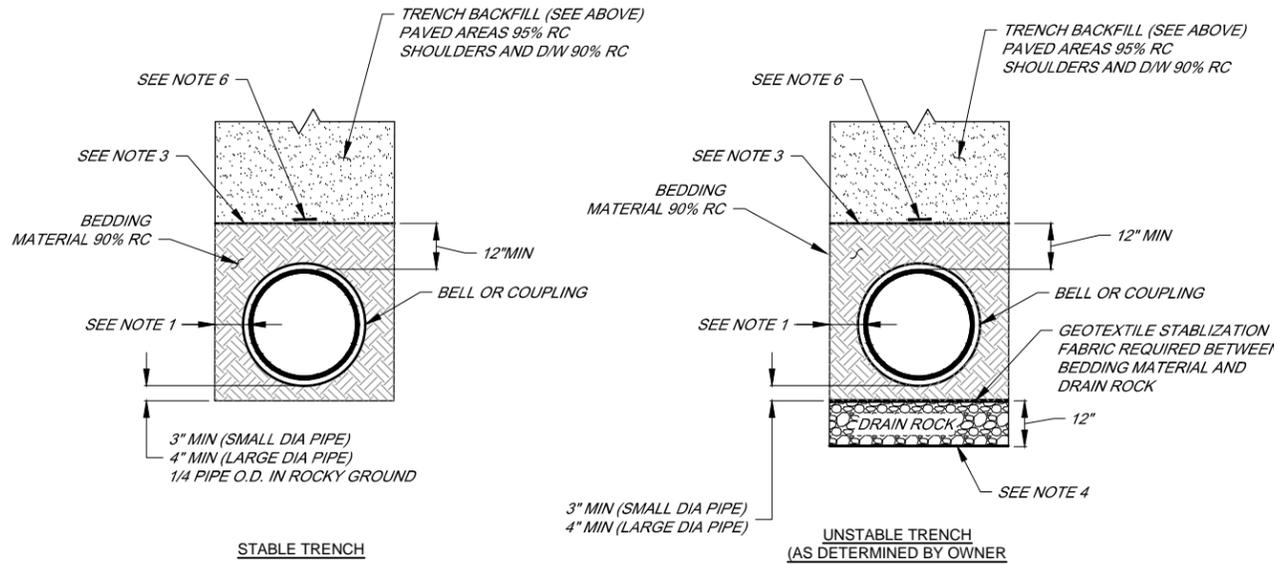
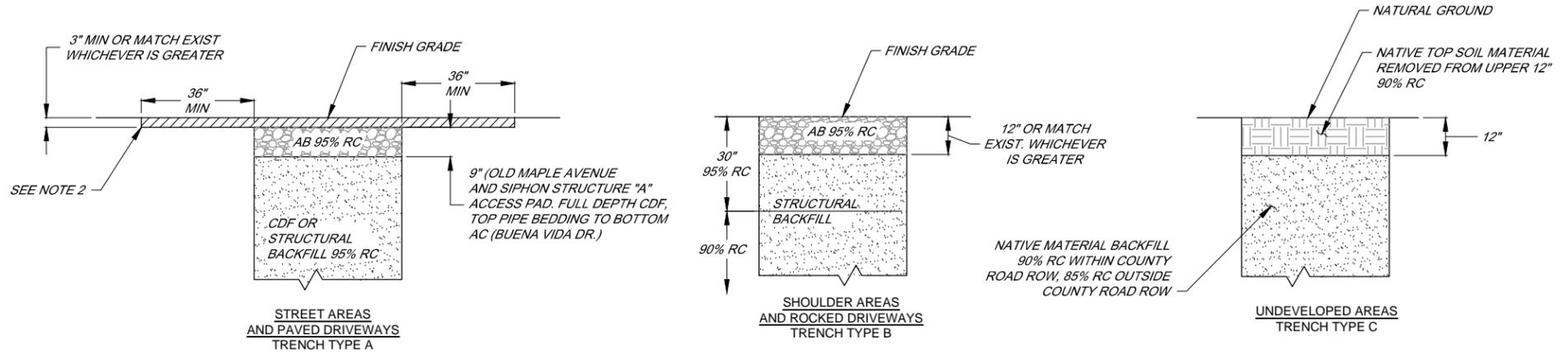


- NOTES:**
1. GUARD AGAINST PIPE OR STRUCTURE BUOYANCY.
 2. EXCAVATE DAM 12" MIN INTO TRENCH SIDE WALLS.
 3. DAM AT 300' INTERVALS MAX. AND AT DOWNSTREAM SIDE OF MANHOLES AND / OR AT UPSTREAM ENDS OF GUIDE BORE METHOD CASINGS.

TRENCH DAM DETAIL
N.T.S.



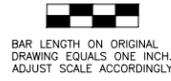
CDF BUTTRESS DETAIL
N.T.S.



BEDDING AND BACKFILL DETAILS
N.T.S.

- NOTES:**
1. SMALL PIPE DIAMETER (18" OR LESS): 6" MIN., 9" MAX. PLUS ALLOWANCE FOR TRENCH SHORING. LARGE PIPE DIAMETER (GREATER THAN 18"): 9" MIN., 12" MAX. PLUS ALLOWANCE FOR TRENCH SHORING.
 2. NEATLY CUT PAVEMENT 3 FEET FROM EDGES OF TRENCH PRIOR TO FINAL TRENCH RESURFACING.
 3. GEOTEXTILE FILTER FABRIC REQUIRED BETWEEN BEDDING AND BACKFILL, FILTER FABRIC NOT REQUIRED IN STREET AREAS WHEN CDF IS USED.
 4. GEOTEXTILE STABILIZATION FABRIC REQUIRED WHEN SUBGRADE IS SOFT MORE THAN 15" BELOW BOTTOM OF PIPE.
 5. CONTRACTOR HAS THE OPTION OF USING CONTROLLED DENSITY FILL WITHIN STREET AREAS OR PAVED DRIVEWAYS.
 6. INSTALL MAGNETIC DETECTABLE CONDUCTOR WARNING TAPE, BRIGHTLY COLORED PLASTIC COVERING, IMPRINTED WITH "SEWER" IN LARGE LETTERS AFTER A DEPTH OF 12" BEDDING HAS BEEN PLACED OVER PIPE.

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NO.	DATE	REVISION	BY
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**SONOMA VALLEY COUNTY
SANITATION DISTRICT**

SCALE: AS SHOWN	DATE: 18 MARCH 2015
DRAWN: ADF	
REVIEWED: <i>Kent Goyke</i>	

SEWER TRUNK REPLACEMENT (AGUA CALIENTE CREEK CROSSING)

TRENCH DETAILS

FILE NAME: 7544_XING_DETAILS_Adden	DRAWING NUMBER: D-1	SHEET 13 OF 14
CONTRACT NUMBER: 70-712-7 #7		