



City of Placerville

Engineering Department

3101 Center Street, Placerville, CA 95667

(530) 642-5250 / (530) 642-5568 fax

ADDENDUM NUMBER 1

Dated: November 7, 2019

to the
**Notice to Bidders, Special Provision, Proposal and Contract Documents
for Construction of**

**MOSQUITO ROAD STABILIZATION PROJECT – PHASE 1
PROJECT NO. 41819
City of Placerville**

Bids Due: Thursday, November 14, 2019; 2:00 p.m.

City Clerk (or designated representative) at City Hall, who will receive at
3rd Floor Engineering Department
3101 Center Street, Placerville, CA 95667
(530) 642-5250

This Addendum is issued to the Mosquito Road Stabilization Project – Phase 1. Submit proposals for this work with the understanding and full consideration of this Addendum. The revisions declared in this Addendum are essential parts of the Contract.

Bidders are also directed to sign this Addendum as acknowledged, and attach the complete, signed Addendum to the Proposal.

The following responses to questions asked to date:

Question No. 1: Has groundwater been discovered by the City during design potholing?

Answer: Groundwater was observed at potholes adjacent to the existing culvert at the intersection of Mosquito Road and Hocking Street (STA 11+00±) at approximately 44”.

Question No. 2: How does the existing sewer cross the culvert at Hocking Street?

Answer: It is believed that the existing 8” sewer dives under the culvert from the east and then rises back up on the west side. This has been referred to as a “siphon”. There is no video record, so this segment will require video inspection in the field. If it is determined that CIPP lining is not possible, then this lining segment will be removed from the scope of work.

Question No. 3: What are the AC trench section requirements for the project?

Answer: AC trench restoration section shall comply with Detail 2/Sheet 6, Note 11 & 12.

Question No. 4: What type of traffic control will be required for the project.

Answer: Traffic control shall comply with the MUTCD. Sacramento County DOT traffic control templates are acceptable submittals.

Question No. 5: What is the expected flow in the 8" sewer.

Answer: Per Spec Section 01200 – Sewer Bypassing and Dewatering, 1.02, the contractor should be prepared to bypass flows in excess of 0.30 MGD.

Question No. 6: What is the anticipated start date for construction?

Answer: The required start date for construction will be no later than January 27, 2020.

Question No. 7: Is staging required at the Placerville Station gravel lot?

Answer: Per Spec Section 01110 – Summary of Work, 7.0A, the contractor shall stage at the vacant City owned property at 2950 Mosquito Road adjacent to Placerville Station.

Question No. 8: There are three existing storm drain crossings scheduled to be lined in the scope of the project. Could those crossings be replaced by open cut instead of lined?

Answer: If replacement is preferred to CIPP lining, storm drain crossings may be replaced. Refer to Detail 1/Sheet 2 (Sewer Trench) for trench section requirements. Acceptable storm drain pipe material will include class 3 RCP, PVC, HPPP, or equivalent. HDPE is not acceptable. Refer to Detail 2/Sheet 6, Note 11 for AC trench restoration section requirements.

Question No. 9: Is there naturally occurring asbestos expected in the project area?

Answer: No naturally occurring asbestos has been discovered in the project area. However, the existing 6" water main is confirmed to be asbestos clay. Refer to Spec Section 01354 – Hazardous Materials, 5.0.

Question No. 10: Will a State encroachment permit be required for traffic control?

Answer: No, State ROW is approximately 900' south of the P.O.B. of the project. According to the MUTCD, the buffer space + $\frac{1}{2}$ taper length + signage spacing for 30 MPH posted limit is $200' + 90' + 3 \times 120' = 650'$, which is well within the City ROW.

Question No. 11: I have not found the surface and invert elevations for 3 of the 4 manholes noted in Bid Item 34. Sheet 5 shows the profile at Sta. 1+10. The Bid Item calls for Cast-in-Place but the Specs indicate Precast.

Answer: It is important to note that these four manholes are not remove and replace. All four proposed manholes are new, so the existing main must be located in the field by the contractor at each location. Although bid item 34 and the plans refer to these manholes as cast-in-place (CIP), only the channelized manhole bases will be CIP. Risers, cone sections, and grade rings shall be precast. Refer to the appropriate El Dorado Irrigation District (EID) Standard Drawings in Appendix C and EID Technical Specification for manholes - 33 39 19 - in Appendix D of the Project Specifications. The existing cover is not known for the following proposed manholes: A-Line STA 3+75, 48'± RT, and STA 4+43, 21'± RT. **For bidding purposes, bidders should assume that the sewer main at these two locations has up to 10' of cover.** The alignment of the sewer main at A-Line STA 16+87, 21.6' RT is accurately shown on the plans, but the cover is not known. However, at this location **for bidding purposes, the cover is expected to be up to 4'.** No additional information is available for these proposed manholes. See Item No. 5 in this addendum.

The following changes are made to the Project Plans, Notice to Bidders, Special Provisions, Proposal, and Contract as part of this addendum:

Item No. 1: Corrected Drafting Errors

Regarding plan Sheet 3 of 10, "Water Main Replacement and Sewer Improvements", change existing water service line at A-Line STA 9+44 from thick (proposed) to thin (existing), and turn on layer containing proposed sewer manhole at A-Line STA 10+02, 23.1' RT.

Item No. 2: Corrected Drafting Error

Regarding plan Sheet 4 of 10, "Water Main Replacement and Sewer Improvements", change existing sewer cleanout symbol abbreviation from "CL" to "CO" at A-Line STA 11+55, 11.7' LT.

Item No. 3: Modify Keynote:

Regarding plan Sheet 4 of 10, “Water Main Replacement and Sewer Improvements”, change the first word in Keynote 22 from “Begin” to “End”.

Item No. 4: Corrected Drafting Errors

Regarding plan Sheet 5 of 10, “Sewer Main Replacement Sewer Water Main Crossing Profile Details”, change existing sewer cleanout symbol abbreviation from “CL” to “CO” at B-Line STA 1+50, and turn on layer containing new 1” water service at B-Line STA 1+33, 8.8’ RT.

Item No. 5: In the Technical Specifications add the following to Section 01200, “Measurement and Payment”, Page 17, Bid Item 34 – 48-Inch Cast-in-Place Sewer Manhole:

- F. Bidder shall include the cost to locate, pothole, and clear and grub as necessary the existing 8” sewer main at each of the four proposed manhole locations shown in the project plans to determine actual alignment and depth. Additional compensation shall not be made for this work.

Attachments:

Sign-in Sheet – Pre-Bid Meeting (11/6/2019)

Modified Plan Sheets 3, 4, & 5 (11/7/19)

This addendum has been prepared under the direction of the following registered Civil Engineer:

ACSchiestel

A. Cory Schiestel, PE

11/7/2019

Date



Acknowledgment:

I have reviewed the materials included in Addendum 1 to the Mosquito Road Stabilization Project – Phase 1 and understand the information provided is included as part of the Special Provisions, Proposal and Contract.

By: _____
Bidder's Signature Date

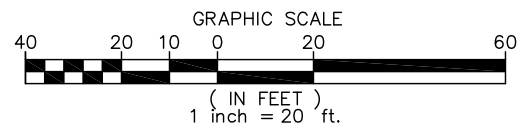
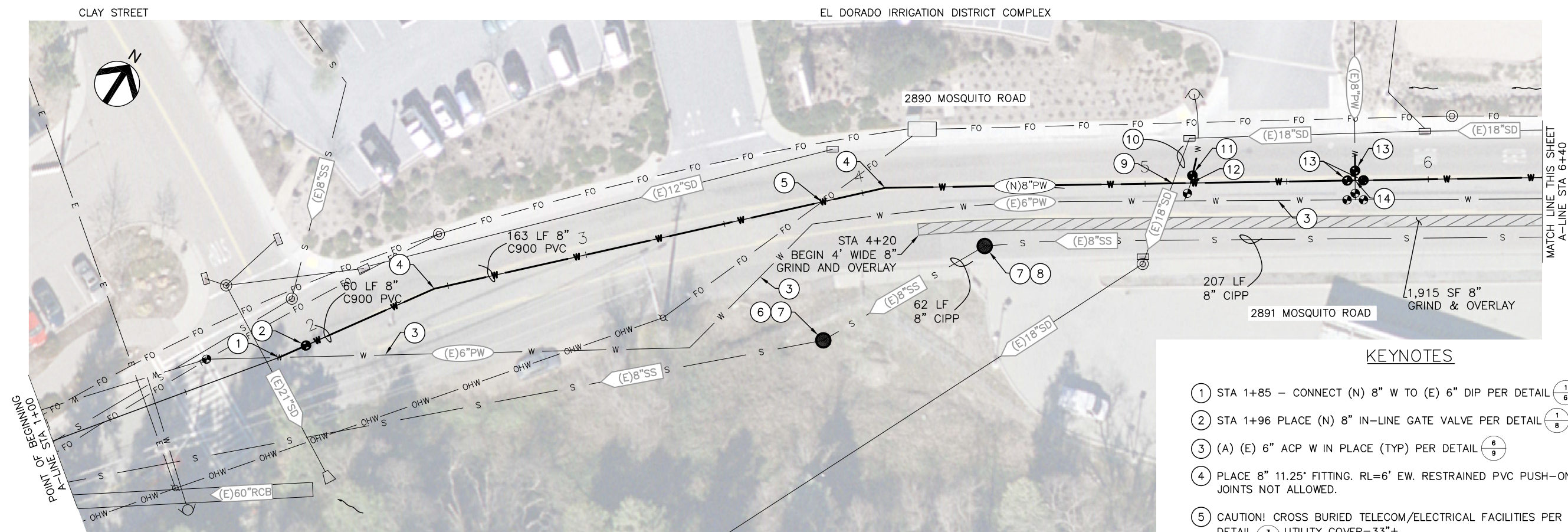
Bidder's Name (printed)

Name of Company

MOSQUITO ROAD STABILIZATION PHASE 1 PRE-BID MEETING

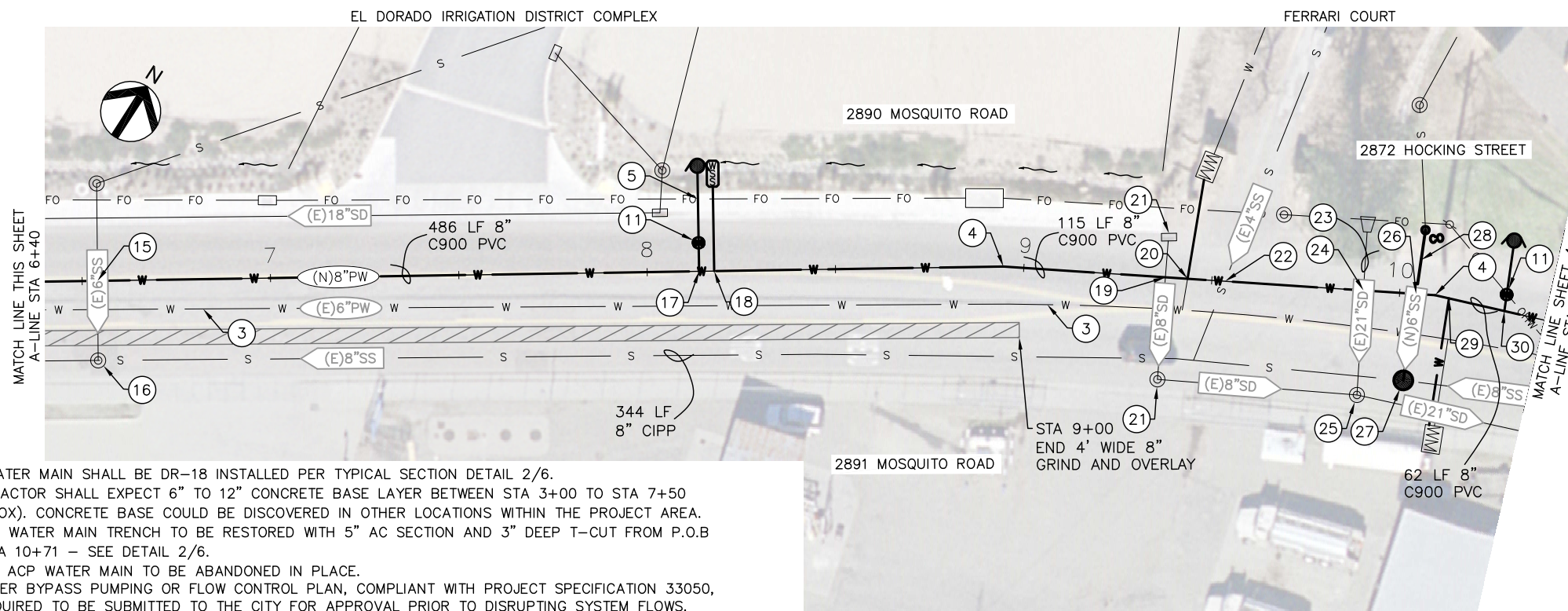
CITY OF PLACERVILLE - CIP #41819 - 11/6/2019

NAME	COMPANY	PHONE NO.	EMAIL ADDRESS
Cory Schiestel	City of Placerville	(530) 642-5557	cschiestel@cityofplacerville.org
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Ben Borra	FLOWLINE CONTRACTORS INC.	530-919-0369	BBORRA@FLOWLINEETAL.COM
Patti Reagan	CB COP	916-529-6537	CBODYBND@GMAIL.COM
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Nick Potter	Nor Cal Pipeline Services	(916) 628-1262	npotter@norcalpipe.com
CABEGLANO SR VETO	CABEGLANO ENGINEERING	916-501-0611	CABEGLANO93@HOTMAIL.COM



MOSQUITO ROAD

- 27 INSTALL (N) CIP S MH PER EID STD DWG S09B & S09E (SEE APPENDIX C OF SPECS). (E) MAIN COVER APPROXIMATELY 4'. CONTRACTOR TO DETERMINE EXACT LOCATION OF WYE CONNECTION IN THE FIELD. SEE SHEET 5.
- 28 PLACE 38' OF (N) 6" S MAIN. SEE SHEET 5.



MOSQUITO ROAD

- (29) REPLACE (E) 1" SERVICE. CONNECT TO (E) METER AND (N) MAIN PER (4/8)
DO NOT INSTALL (N) METER OR PRESSURE REGULATOR.
- (30) STA 10+28 - INSTALL NEW DRY BARREL HYDRANT PER DETAIL (2/8)

KEYNOTES

- ① STA 1+85 - CONNECT (N) 8" W TO (E) 6" DIP PER DETAIL $\frac{1}{6}$
- ② STA 1+96 PLACE (N) 8" IN-LINE GATE VALVE PER DETAIL $\frac{1}{8}$
- ③ (A) (E) 6" ACP W IN PLACE (TYP) PER DETAIL $\frac{6}{9}$
- ④ PLACE 8" 11.25' FITTING. RL=6' EW. RESTRAINED PVC PUSH-ON JOINTS NOT ALLOWED.
- ⑤ CAUTION! CROSS BURIED TELECOM/ELECTRICAL FACILITIES PER DETAIL $\frac{3}{6}$ UTILITY COVER=33"±
- ⑥ END (D/S) 62 LF 8" CIPP LINING SEGMENT.
- ⑦ INSTALL (N) CIP S MH PER EID STD DWG S09B & S09E (SEE APPENDIX C OF SPECS). <10' COVER TO (E) MAIN. CONTRACTOR TO DETERMINE EXACT LOCATION OF (E) BEND IN THE FIELD.
- ⑧ END (D/S) 207 LF 8" CIPP S LINING SEGMENT.
- ⑨ CROSS 18" CMP SD PIPE PER DETAIL $\frac{4}{6}$
- ⑩ PLACE 43 LF 18" CIPP CMP LINING.
- ⑪ PLACE (N) 6" GATE VALVE PER DETAIL $\frac{1}{8}$
- ⑫ STA 5+16 - CONNECT TO (E) 6" FH CONNECTION PER DETAIL $\frac{4}{6}$
- ⑬ PLACE (N) 8" TEE GATE VALVE PER DETAIL $\frac{1}{8}$
- ⑭ STA 5+74 - CONNECT TO (E) 8" EID SERVICE PER DETAIL $\frac{2}{7}$
- ⑮ MAINTAIN 1' MIN CLEAR OVER TOP OF (E) 6" S PER $\frac{1}{5}$
- ⑯ END (D/S) 344 LF 8" CIPP LINING SEGMENT.
- ⑰ STA 8+14 - INSTALL (N) DRY BARREL HYDRANT PER DETAIL $\frac{2}{8}$
- ⑱ STA 8+18 - INSTALL (N) WATER SAMPLING STATION SEE NOTE 10.
- ⑲ (E) 8" SD. REMOVE AND (A) AS NECESSARY. UTILITY COVER=21"±
- ⑳ REPLACE (E) 2" SERVICE TO (E) 2" METER PER DETAIL $\frac{3}{8}$
- ㉑ REMOVE (E) SD MH & DI PER SPEC. (A) SD PIPES IN PLACE PER $\frac{6}{9}$
- ㉒ MAINTAIN 1' MIN CLEAR OVER TOP OF (E) 4" S PER $\frac{1}{10}$
- ㉓ PLACE (D/S) 41 LF OF 21" CIPP CMP LINING.
- ㉔ CROSS (E) 21" CMP SD PER DETAIL $\frac{2}{10}$
- ㉕ PROTECT (E) SD MH IN PLACE.
- ㉖ MAINTAIN 1' MIN CLEAR OVER TOP OF (N) SEWER. SEE SHEET 5

PLANS FOR THE CONSTRUCTION OF

MOSQUITO ROAD STABILIZATION PROJECT PHASE - I

WATER MAIN REPLACEMENT AND SEWER IMPROVEMENTS

CITY OF PLACERVILLE

PLAN VIEW

DRAWING
C-1

SHEET: 3 OF 10

SCALE

HORIZ: AS NOTED

VERT: AS NOTED

10/14/19
DATE

PROJECT ENGINEER

A.C. SCHIELTEL

CITY OF PLACERVILLE
ENGINEERING DEPARTMENT
3101 CENTER STREET
PLACERVILLE, CA 95667
(530) 642-5250

10/14/19

DATE	10/14/14
CONTRACT NO.	41819

GRID NO.	N/A
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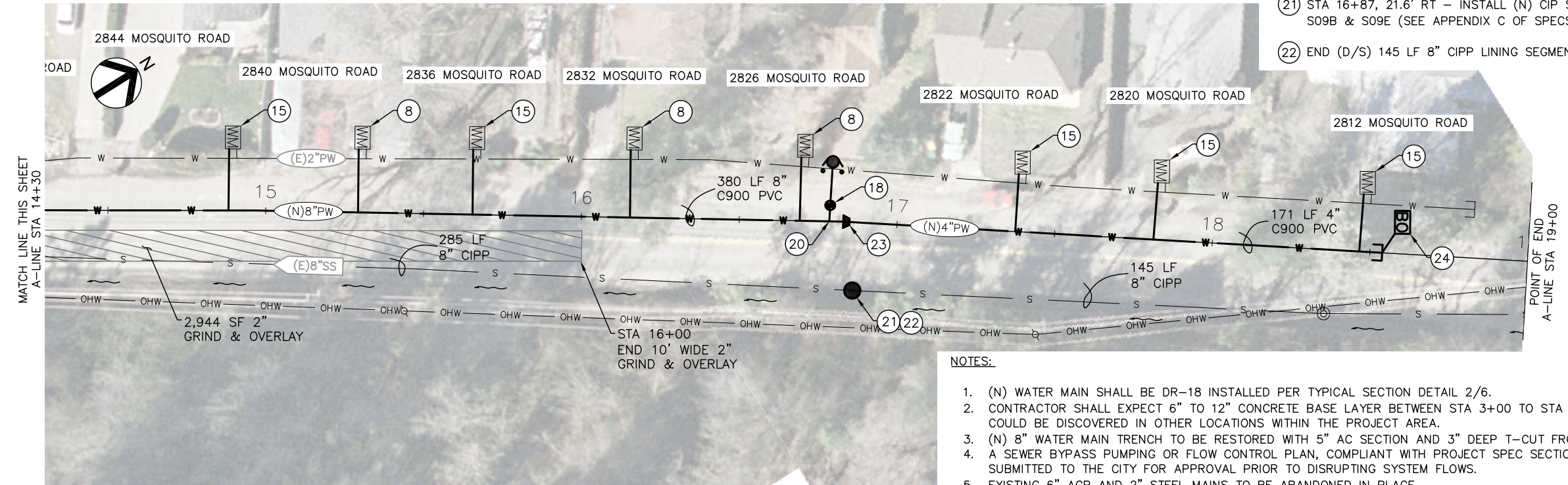
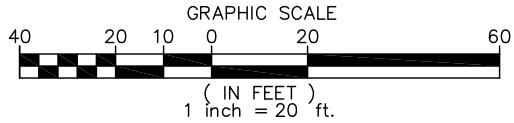
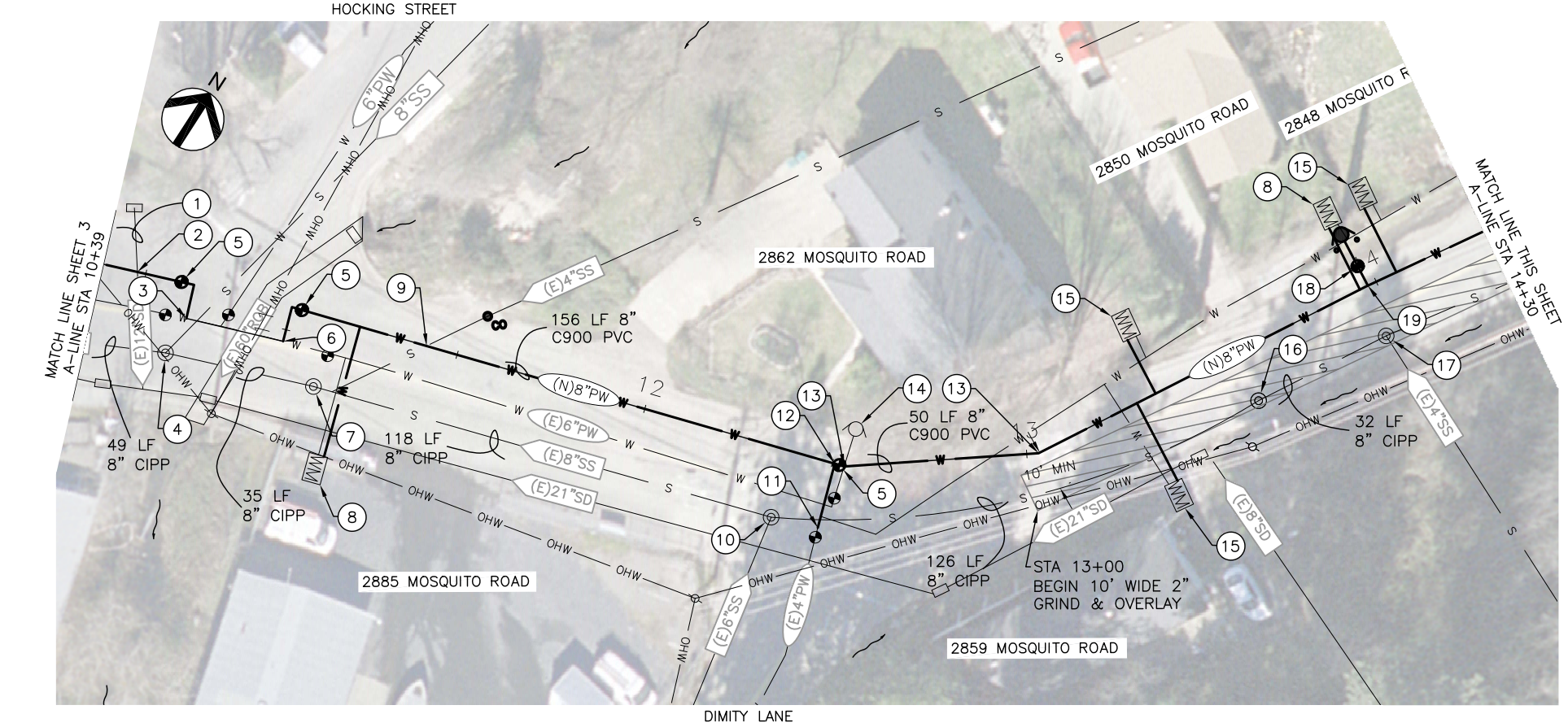
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NO.	REVISIONS	APPROVAL	
		BY	DATE

REVISIONS

CONTRACT PLAN CLARIFICATION 11/7/2019

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MOSQUITO ROAD

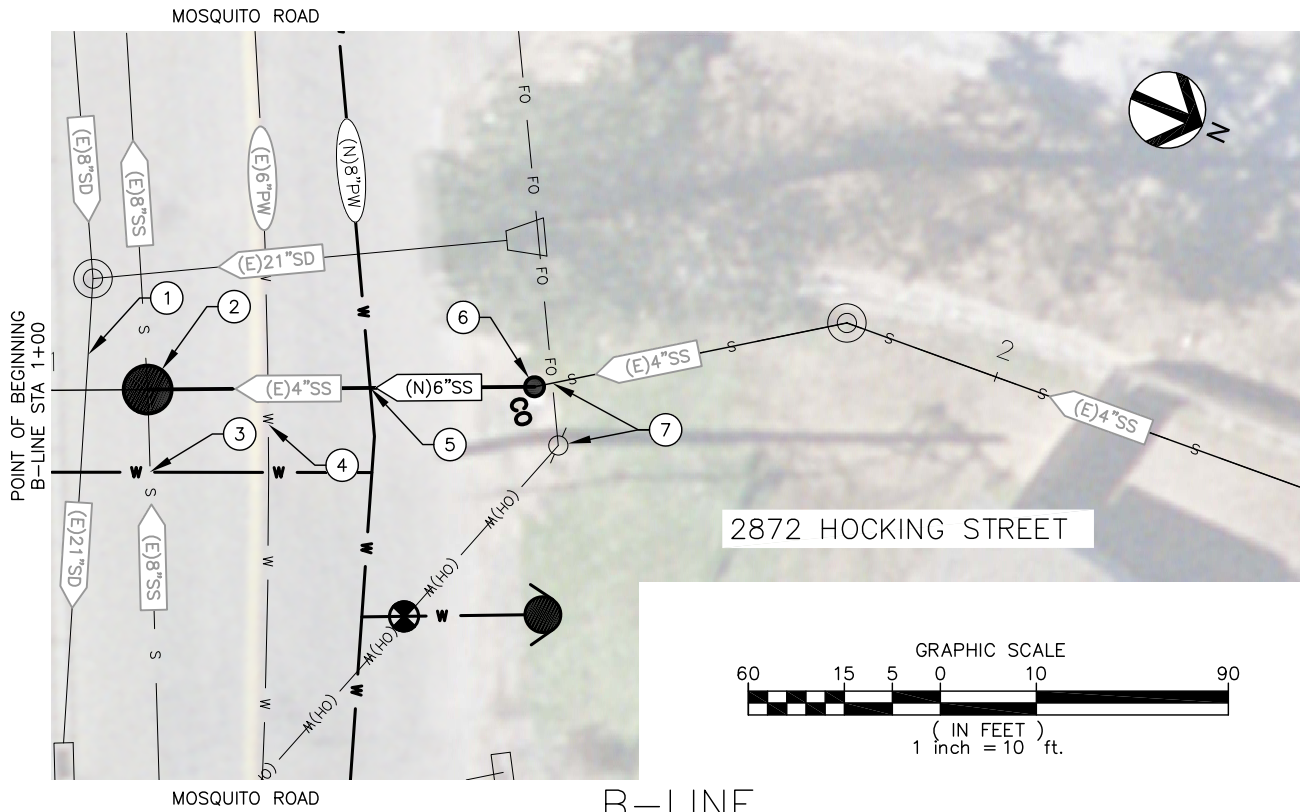
NOTES:

- (N) WATER MAIN SHALL BE DR-18 INSTALLED PER TYPICAL SECTION DETAIL 2/6.
- CONTRACTOR SHALL EXPECT 6" TO 12" CONCRETE BASE LAYER BETWEEN STA 3+00 TO STA 7+50 (APPROX). CONCRETE BASE COULD BE DISCOVERED IN OTHER LOCATIONS WITHIN THE PROJECT AREA.
- (N) 8" WATER MAIN TRENCH TO BE RESTORED WITH 5" AC SECTION AND 3" DEEP T-CUT FROM STA 10+71 TO P.O.E..
- A SEWER BYPASS PUMPING OR FLOW CONTROL PLAN, COMPLIANT WITH PROJECT SPEC SECTION 33050, IS REQUIRED TO BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO DISRUPTING SYSTEM FLOWS.
- EXISTING 6" ACP AND 2" STEEL MAINS TO BE ABANDONED IN PLACE.
- LOCATION OF WATER METERS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
- LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
- MAINTAIN 10' CLEAR (HORIZONTAL) BETWEEN WATER AND SEWER PIPES.
- COVER DEPTHS PROVIDED ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
- CIPP LINING SEGMENTS TO BE INSTALLED PER PROJECT SPECIFICATION 33311.
- ALL FINAL ROADWAY STRIPING SHALL BE TEMPORARY PER PROJECT SPEC SECTION 02575.

KEYNOTES

- PLACE 45 LF OF 12" CIPP CMP LINING.
- CROSS 12" CMP SD PIPE PER DETAIL $\frac{3}{10}$ UTILITY COVER=12"±.
- STA 10+71 - CONNECT (N) 8" W TO (E) 6" ACP PER DETAL $\frac{4}{7}$ COVER=36"±
- END (D/S) 35 LF 8" CIPP LINING SEGMENT.
- PLACE (N) 8" GATE VALVE PER DETAIL $\frac{1}{8}$
- STA 10+97 - CONNECT (N) W TO (E) 6" ACP PER DETAIL $\frac{4}{7}$ COVER=36"±.
- END (D/S) 118 LF 8" CIPP LINING SEGMENT.
- TYPE 1 METER REPLACEMENT - INSTALL (N) SERVICE, METER, RESIDENTIAL PRESSURE REGULATOR & TRAFFIC RATED METER BOX PER DETAIL $\frac{4}{9}$
- MAINTAIN 1' MIN CLEAR OVER TOP OF (E) 4" S PER $\frac{4}{10}$
- END (D/S) 126 LF 8" CIPP LINING SEGMENT.
- CONNECT 15' (N) 4" W TO (E) 4" W PER DETAIL $\frac{3}{7}$
- 8"x8"x4" TEE FITTING
- 8" 22.5' FITTING. RL=6' EW
- REMOVE (E) HYDRANT. PER DETAIL $\frac{1}{7}$ & $\frac{3}{7}$
- TYPE 2 METER REPLACEMENT - INSTALL (N) SERVICE, METER, RESIDENTIAL PRESSURE REGULATOR & TRAFFIC RATED BOX AND LID PER DETAIL $\frac{5}{9}$
- END (D/S) 32 LF 8" CIPP LINING SEGMENT.
- END (D/S) 285 LF 8" CIPP LINING SEGMENT.
- INSTALL 6" GATE VALVE PER $\frac{1}{8}$
- STA 13+98 - INSTALL NEW DRY BARREL HYDRANT PER DETAIL $\frac{2}{8}$ PLACE TWO NEW BOLLARDS PER $\frac{5}{7}$
- STA 16+79 - INSTALL NEW DRY BARREL HYDRANT PER DETAIL $\frac{2}{8}$ PLACE TWO NEW BOLLARDS PER $\frac{5}{7}$
- STA 16+87, 21.6' RT - INSTALL (N) CIP SEWER MANHOLE PER EID STD DWG S09B & S09E (SEE APPENDIX C OF SPECS). <10' COVER TO (E) MAIN.
- END (D/S) 145 LF 8" CIPP LINING SEGMENT.

PLAN VIEW	DATE	10/14/19
	CONTRACT NO.	41819
	GRID NO.	N/A
	FILE NO.	N/A
DRAWING C-2	DESIGNED	A.C.S.
	DRAWN	A.C.S.
	NO. REVISIONS	1
	CONTRACT PLAN CLARIFICATION	11/7/2019
SHEET: 4 OF 10 SCALE HORZ: AS NOTED VERT: AS NOTED	APPROVED	REBECCA NEVES
	DATE	10/14/19
	PROJECT ENGINEER	A.C. SCHIESTEL
	CITY OF PLACERVILLE	



KEYNOTES

B-LINE

- 1

(E) 21" SD TO BE PROTECTED IN PLACE.
- 2

REPLACE (E) WYE WITH (N) 48" CIP MH PER EID STD DWG S09B & S09E (SEE APPENDIX C OF THE SPECS).
- 3

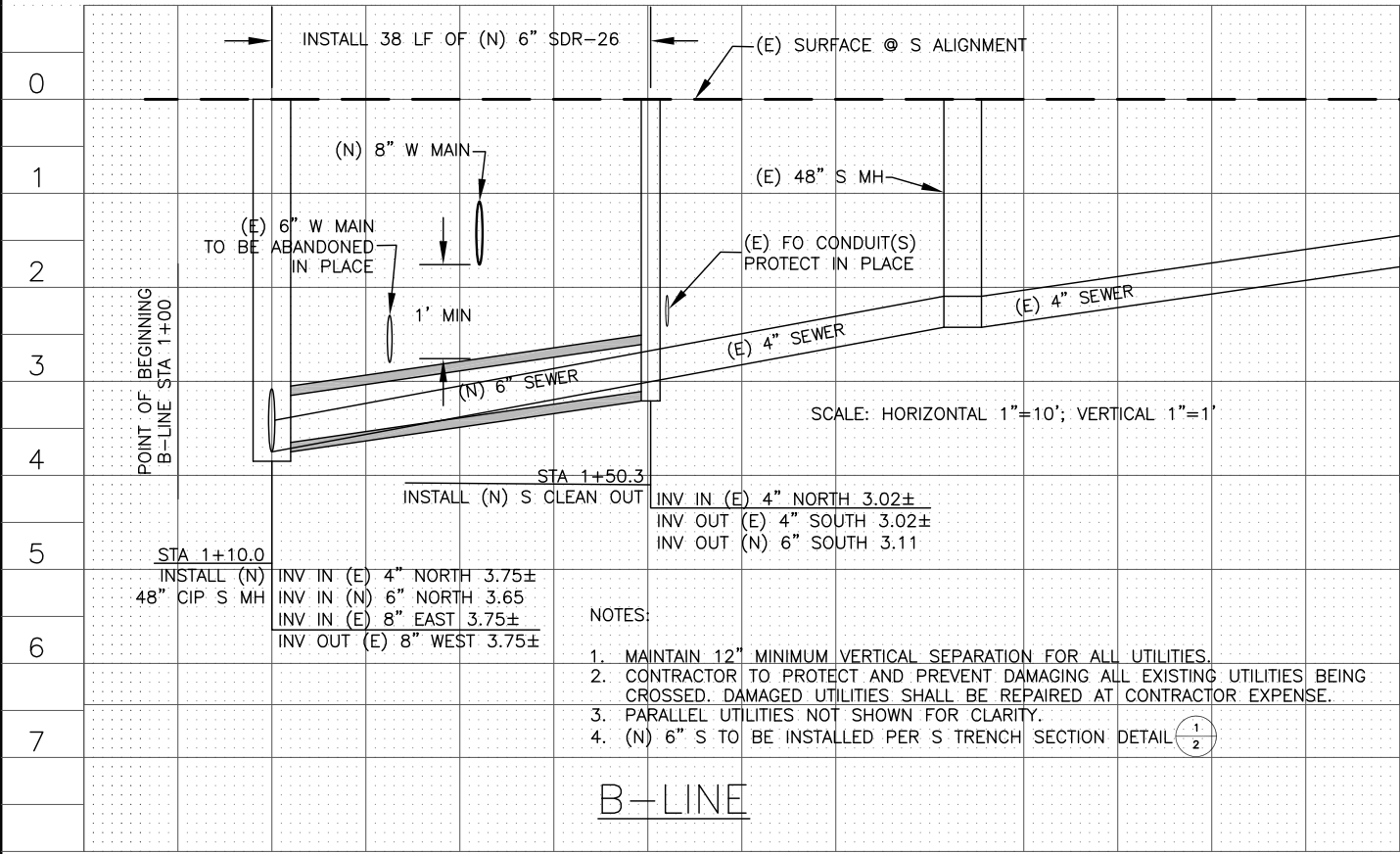
PROTECT (N) 1" W SERVICE IN PLACE
- 4

(E) 6" W TO BE ABANDONED AFTER (N) 8" W IS PLACED INTO SERVICE.
- 5

PROTECT (N) 8" W MAIN IN PLACE. MAINTAIN 1' MIN CLEAR.
- 6

INSTALL (N) CLEAN OUT PER EID STD DWG S08E AND SASD STD DWG LL-02 (SEE APPENDIX E OF THE SPECS).
- 7

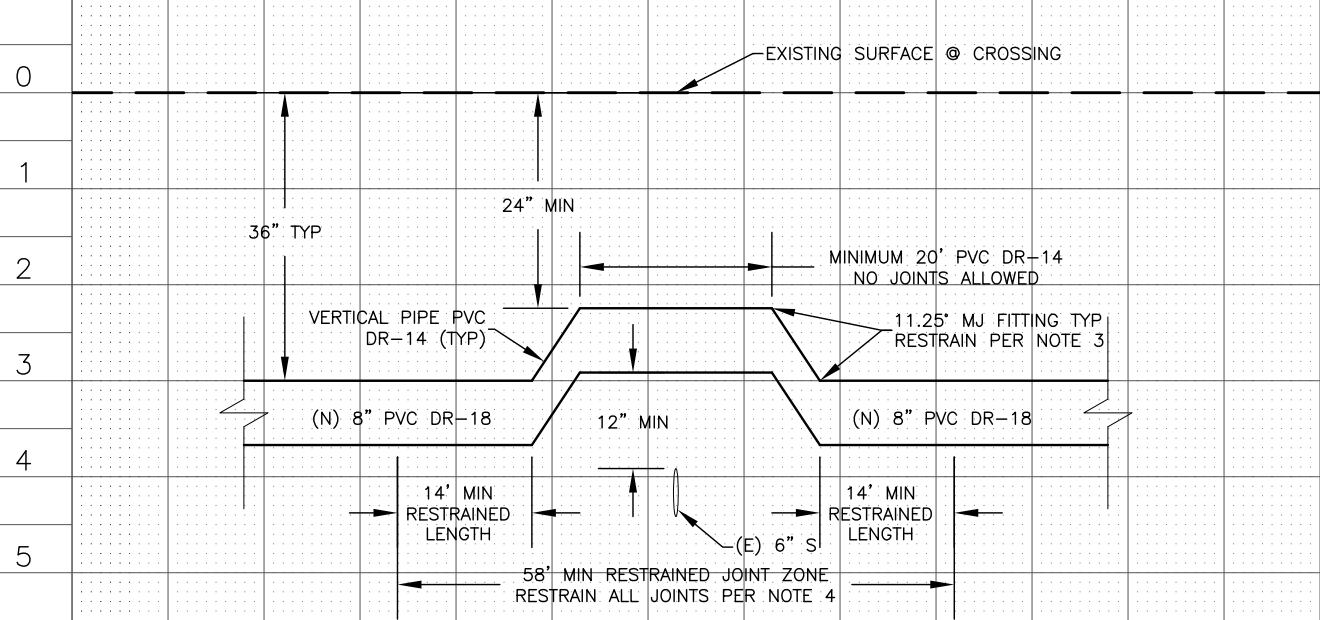
CAUTION! BURIED TELECOM/ELECTRICAL FACILITIES AND (E) JOINT POLE TO BE PROTECTED IN PLACE.



B-LINE

POINT OF ENDING
B-LINE STA 2+34

HOCKING STREET
POINT OF BEGINNING
B-LINE STA 1+00



5+91
NOTES:

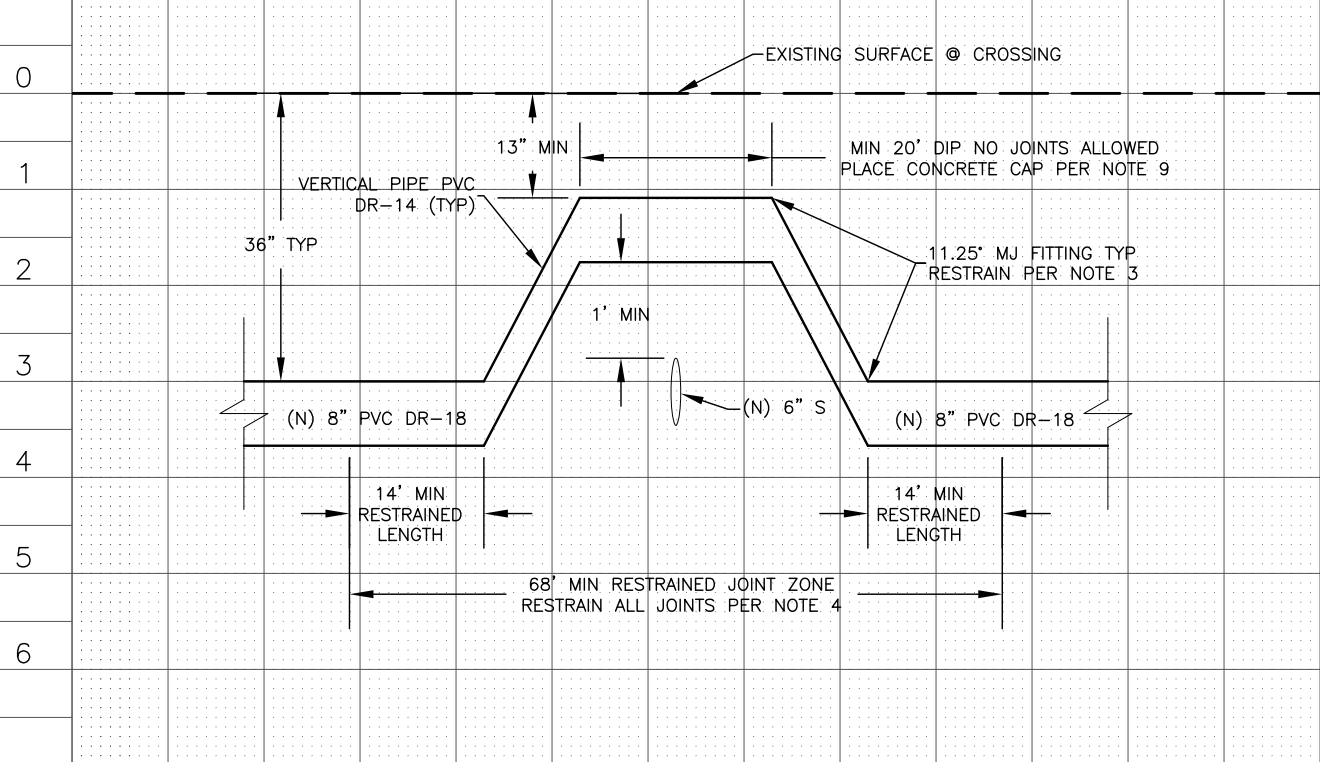
1. MAINTAIN 12" MINIMUM VERTICAL SEPARATION FOR ALL UTILITIES.
2. CONTRACTOR TO PROTECT AND PREVENT DAMAGING ALL EXISTING UTILITIES BEING CROSSED. DAMAGED UTILITIES SHALL BE REPAIRED AT CONTRACTOR EXPENSE.
3. NO JOINTS WITHIN 6 FEET OF FITTINGS ARE ALLOWED. ONLY MECHANICAL JOINTS ARE ALLOWED WITHIN RESTRAINED JOINT ZONE. USE MEGA LUG RESTRAINTS (OR EQUIVALENT) FOR ALL MJ FITTINGS. RESTRAINED PVC PUSH-ON JOINTS NOT ALLOWED. RESTRAINT HARNESS REQUIRED.
4. VERTICAL BEND THRUST BLOCKS NOT ALLOWED.
5. DUCTILE IRON PIPE WITH HOT BITUMINOUS COATING ALLOWED IF APPROVED BY CITY ENGINEER.
6. UTILITY CROSSING TRENCH BACKFILL SHALL COMPLY WITH DETAIL

26
7. (E) UTILITY DEPTHS ARE APPROXIMATE AND SHALL BE VERIFIED IN THE FIELD.
8. (E) UTILITIES AT CROSSING SHALL BE POTHOLED BY THE CONTRACTOR TO CONFIRM 1' MINIMUM CLEARANCE WITH (N) W.
9. PLACE 8" THICK CLASS B CONCRETE CAP OVER C900 WITH LESS THAN 20" COVER. MAINTAIN 2" OF AB BETWEEN CROWN OF PIPE AND CONCRETE CAP.

STA: 6+54 (A-LINE)
6" SEWER CROSSING

SCALE: HORIZONTAL: 1"=10'; VERTICAL: 1"=1'

1
3



9+41
9+91
10+41

STA: 10+04 (A-LINE)
6" SEWER MAIN CROSSING

SCALE: HORIZONTAL: 1"=10'; VERTICAL: 1"=1'

2
3

PLANS FOR THE CONSTRUCTION OF
**MOSQUITO ROAD
STABILIZATION PROJECT
PHASE - I**

SEWER MAIN REPLACEMENT
WATER MAIN CROSSING PROFILE DETAILS
CITY OF PLACERVILLE

PLAN AND
PROFILE

DRAWING
S-1

SHEET: 5 OF 10
SCALE
HORZ: AS NOTED
VERT: AS NOTED

APPROVED
REBECCA NEVES
DESIGNED
A.C.S.
DRAWN
A.C.S.
NO. 1
REVISIONS
CONTRACT PLAN CLARIFICATION 11/7/2019
DATE
10/14/19
CONTRACT NO. 41819
GRID NO. N/A
FILE NO. N/A
BY
DATE
ACS 11/7

PROFESSIONAL
ENGINEER
No. C 7357
Exp. 8/28/21
STATE OF CALIFORNIA
A.C. SCHIELTEL

10/14/19
DATE
PROJECT ENGINEER
A.C. SCHIELTEL