### JURUPA COMMUNITY SERVICES DISTRICT RIVERSIDE. CALIFORNIA

#### **ADDENDUM NO. 5**

# TO THE PLANS AND SPECIFICATIONS FOR RECYCLED WATER PROGRAM – SEGMENT 2 FINAL DESIGN JCSD P.N. C215078

Bidders are advised that the plans and specifications for the above-referenced contract are hereby amended in the following manner and the following manner only:

#### A. GENERAL

All provisions of this Addendum No. 5 are hereby incorporated into the Contract Documents and bidders shall account for all provisions pursuant to this Addendum No. 5 in submitting their bid proposals. Each Bidder shall include a dated and signed copy of this Addendum No. 5 acknowledgment sheet with his sealed bid proposal.

#### B. PLANS

Sheets 3, 15 through 17, 20, and 23 through 25 of the Project Plans (Bid Schedules I & II) have been revised as follows and attached herein.

Attached Sheets 3, 15, and 16 (Bid Schedule I) have been revised to indicate the requirement to slurry seal the entire width of road following grind and overlay activities, due to these street's inclusion in the City of Eastvale paving Moratorium List. The limits of the slurry seal have been indicated on the revised Sheets 3, 15, and 16, attached herein.

Attached Sheets 17, 23, 24, and 25 (Bid Schedules I & II) have been revised to indicate the use of rubberized asphalt for grind and overlay activities. Trench restoration shall be in accordance with City of Eastvale requirements.

Attached Sheet 20 (Bid Schedule I) has been revised as follows. The proposed 1" service lateral and meter box located at Harrison Ave STA 31+66.14 has been revised to be located behind the back of existing sidewalk, rather than within the existing sidewalk, in order to account for the City of Eastvale Bike Connectivity Phases 2 & 3 Project that is to be constructed following planned installation of the Segment 2 Recycled Water project facilities.

The revised plan sheets discussed above have been included as **Attachment A** of this Addendum.

#### C. SPECIFICATIONS

#### PROPOSAL DOCUMENTS:

The following Bid Items of the Proposal Documents have been revised.

The description and quantity for Bid Item No. 135 has been revised to "0.10' grind and overlay conventional asphalt concrete cap paving of streets per City of Eastvale Encroachment Permit and per Specifications." and "490,000 SF" in order to differentiate the AC cap paving materials. Similarly, new Bid Items (136, 137, and 138) have been added to allow for specification of the different AC cap paving materials (i.e., conventional vs. rubberized) and regarding the slurry seal requirements for streets that included as part of the City of Eastvale's paving Moratorium List.

Previously numbered Bid Items No. 136 through 154 have been renumbered to Bid Items Nos. 139 through 157 to allow for the three new Bid Items (136, 137, and 138) to be added.

The new Bid Item No. 136 has been added to describe "0.10' grind and overlay rubberized asphalt concrete cap paving of streets per City of Eastvale Encroachment Permit and per Specifications." for the Description, a Quantity of "31,500", and a Unit of "SF".

The new Bid Item No. 137 describes "Type II Slurry Seal following Grind and Overlay per Specifications", with a Quantity of "27,500", and a Unit of "SF". Similarly, the new Bid Item No. 138 describes "Slurry Seal following Grind and Overlay per Specifications" with a Quantity of "51,000" and a Unit of "SF".

The Unit of Measure for Bid Item No. 153 – Unknown/unmarked utility undercrossings has been changed to Each "EA" with a quantity of 20.

Bid Schedule II has been similarly revised to account for the revised requirements related to the AC cap paving materials to be used. The description and quantity of Bid Item No. 219 have been revised to specify "0.10" grind and overlay rubberized asphalt concrete cap paving of streets per City of Eastvale Encroachment Permit and per Specifications." for the description, a Quantity of "62,350", and a Unit of "SF".

The updated Proposal Documents section has been included in its entirety as **Attachment B** of this Addendum.

#### **SPECIAL REQUIREMENTS:**

The following section of the Special Requirements has been revised.

#### 36. PAVEMENT REPAIR, REPLACEMENT, AND RECAPPING

Pavement saw cutting, removal, restoration, grind, capping, replacement and trench repair shall comply with the City of Eastvale and City of Jurupa Valley encroachment permit requirements. City of Eastvale and City of Jurupa Valley Encroachment Permit requirements shall govern if more stringent. No additional compensation will be granted. For the City of Eastvale, the AC cap material shall be rubberized along the entirety of Archibald Avenue within the City of Eastvale. All other streets within Segment 2 within the City of Eastvale shall be AC capped with a conventional asphalt mix. Additionally, the full width of Settler's Ridge Court (Type I Slurry Seal) and Largo Drive (Type II Slurry Seal) shall be slurry sealed following grind and overlay activities due to these street's inclusion in the City of Eastvale's Moratorium List as of December 2024. The rubberized asphalt mix design shall be ARHM-GG-C1/2" PG-64-16. The conventional asphalt mix design shall be C2 PG 70-10. The plans in Attachment A have been updated to reflect these requirements.

<u>Basic Specifications Section F - Recycled Water Pipeline Materials Specification:</u>
The following portion of Section F has been *revised* as follows:

PVC Pipe - Mechanical Joint Restraint for PVC Pipe to Fittings and Appurtenances

All pipe connections to fittings and appurtenances shall be constructed with restraint joints. The restraint joints shall be standard manufacturer's product for C909 PVC pipe for pipe sizes 12 inches and smaller and C900 PVC pipe for pipe sizes 16 inches and larger.

The restraint for the mechanical joint fitting shall be incorporated in the design of the follower gland and shall utilize multiple wedge segments that act against the pipe. The wedge segments shall increase their resistance as the line pressure increases. The assembled joint shall maintain the maximum flexibility and deflection of all nominal pipe sizes after the pipe has been buried.

The restraining glands, wedge segments, and actuating bolts shall be manufactured of high strength ductile iron, conforming to the requirements of ASTM A536, Grade 65-45-12. All bolts and connecting hardware to the flange shall be Type 316 stainless steel.

The dimensions shall be compatible with standardized mechanical joints conforming to the requirements of AWWA C111 / ANSI A21.11 and AWWA C153 / ANSI 21.53 through 24 inches.

Breakaway tops shall be incorporated in the design of the actuating bolts in order to visually ensure that the proper torque has been applied. The manufacturing of the actuating bolt shall ensure precise and consistent operating torque of the breakaway top.

The mechanical joint restraining device shall have a minimum working pressure rating of 235 psi and shall have a minimum factor of safety of 2:1.

The restraining device shall be coated with the standard manufacturer's coating. Restraining device shall be double polyethylene encased at the time of installation. Double Polyethylene encasement shall be purple in color, Pantone 522C, and installation shall be in accordance with AWWA C105. Restraining devices shall be approved by the District.

#### **APPENDICES:**

Appendix N has been added to the Contract Documents for the Contractor's reference of the City of Eastvale's "75% Plans - City of Eastvale Bike Connectivity Phases 2 & 3 Project. The plans present the currently planned improvements of the City's new bike path, paving, landscaping, miscellaneous paving, and other related improvements anticipated to be constructed after JCSD's recycled waterline project, along Harrison Avenue and Scholar Way in the City of Eastvale. Appendix N is included as **Attachment C** of this Addendum.

#### D. QUESTIONS

1. Are Portable Changeable Message Boards (CMS) required to be used for Traffic Control?

**Answer:** Yes, see Bid Item Nos. 142, 225, and 323, Sections 27 and 42 of the Special Requirements, and the approved Traffic Control Plans in Appendix H. The use of CMS boards, and traffic control in general shall comply with the Traffic Control Plans as approved by the City and all traffic control requirements, including plan submittal, approvals, and any and all requirements should be included in Bid Item Nos. 142, 225, and 323.

2. Are there domestic materials requirements for this project such as AIS, Babaa, Buy America, Buy American, ETC?

**Answer:** Yes, see Special Requirement 39 – Grants and State Revolving Fund Loan Requirements and Appendix K.

3. If domestic materials are required what criteria should be followed? AIS, Babaa, Buy America, Buy American, ETC?

**Answer:** See Special Requirement 39 – Grants and State Revolving Fund Loan Requirements and Appendix K.

4. General requirements GC-35 outlines your order of precedence for spec and says that federal and state requirements along with special requirements come before general requirements.

**Answer:** See Special Requirement 39 – Grants and State Revolving Fund Loan Requirements and Appendix K.

5. GC-16 sites BETHLEHEM STEEL VS BOARD OF DIRECTORS and states that the owner WILL NOT ENFORCE domestic materials preference. Special requirements SR-33 outlines A.I.S. domestic materials requirement because this project uses STATE REVOLING FUNDS. Will A.I.S. domestic materials be required and enforced on this project?

**Answer:** Domestic materials will be required and enforced. See Special Requirement 39 – Grands and State Revolving Fund Loan Requirements and Appendix K.

6. Please confirm whether this project is subject to a PLA (Project Labor Agreement), a PSA (Project Stabilization Agreement),a CBA (Collective Bargaining Agreement), a CWA (Community Workforce Agreement), or Anything of that Nature?

Answer: No

7. Plans call for flg x flg gate valves to be used with mjxflg adapters. Drawing R/NP-6 allows "slip on" style gate valves (for use on c909). Is it permissible to use MJ x FLG or MJxMJ gate valves for this project?

Answer: See Addendum No. 4.

8. There are several locations of di tees required for blow offs, air vacs, etc. that are stand alone and do not need to be flanged with mjxflg adapters. They would be better configured as MJxFlg tees (MJ RUN X FLG BRANCH). Is it permissible to use MJXFLG tees where practical?

**Answer:** Ductile iron tees used for blow-offs or air vacs can be changed to MJxFlg where the MJ is on the run of the tee and the Flg is on the branch of the tee.

9. Do new meters need to be provided?

**Answer:** Yes, see Special Requirement 9 – Material/Work Furnished by Owner, Special Requirement 10 – Material Furnished by Contractor, and Special Requirement 22 – On-Site Service Installations.

10. Will they [new meters] be provided by the district?

**Answer:** No, see Special Requirement 9 – Material/Work Furnished by Owner, Special Requirement 10 – Material Furnished by Contractor, and Special Requirement 22 – On-Site Service Installations.

11. Are water meters to be purchased from the district?

**Answer:** No, see Special Requirement 9 – Material/Work Furnished by Owner, Special Requirement 10 – Material Furnished by Contractor, and Special Requirement 22 – On-Site Service Installations.

12. Are meter boxes to be purchased from the district?

**Answer:** No, see Special Requirement 9 – Material/Work Furnished by Owner, Special Requirement 10 – Material Furnished by Contractor, and Special Requirement 22 – On-Site Service Installations.

13. Are rods, washers, and nuts required to be 316 stainless for PVC bell restraint devices PER F-6 BASIC SPEC FOR PVC RESTRAINED JOINTS?

**Answer:** Yes, in accordance with Basic Specifications Section F - 4.0 Polyvinyl Chloride (PVC) Pipe.

14. PER F-7 BASIC SPEC FOR PVC RESTRAINED MECHANICAL JOINTS standard high strength low alloy bolts and hardware are allowed on MJ restraints. May high strength low alloy bolts and hardware be used with bell restraint devices?

**Answer:** No, Basic Specifications Section F – Recycled Water Pipeline Materials Specification has been revised to require all bolts and connecting hardware to the flange shall be Type 316 stainless steel

15. Verbiage of bid items is "installation of geotextile fabric". Is the district providing the geotextile fabric to be installed?

**Answer:** No, Contractor shall provide. See Special Requirement 9 – Material/Work Furnished by Owner, Special Requirement 10 – Material Furnished by Contractor, and Special Requirement 22 – On-Site Service Installations.

16. Some bid items use verbiage of "furnish and install" and others say "install" only. Are there any materials the district is providing on this project?

**Answer:** No, Contractor shall provide all materials. See Special Requirement 9 – Material/Work Furnished by Owner, Special Requirement 10 – Material Furnished by Contractor, and Special Requirement 22 – On-Site Service Installations.

17. Bid item 144 asks for testing and flushing including temporary blow offs. What detail should be followed for temporary blow offs?

**Answer:** Temporary blow-offs are not a part of the work, unless included by the Contractor as part of their means and methods. Temporary blow-offs would be in accordance with the appropriate JCSD standard drawing.

18. SPEC F-7 call for use of ROMAC ALPHA for use as high deflection couplings. On pipe diameters above 12" may mj sleeves be used as high deflection couplings?

**Answer:** No, mj sleeves may not be used as high deflection couplings. High deflection couplings for 18-inch pipe shall be Mega-Coupling Series 3800 by EBAA Iron or approved equal.

19. JM EAGLE only allows for 1 degree deflection at the joint for 6"-16" C909 and 1.5 degree deflection at the joint for 14"-48" C900. SPEC F-7 only allows for only half of the manufacturers recommended deflection before use of a high deflection coupling, does this mean respectively 0.5 degrees for 6-16" C909 and .75 degrees for 14"-48" C900?

**Answer: Correct,** Yes, in accordance with Basic Specifications Section F-4.0 Polyvinyl Chloride (PVC) Pipe.

20. ADDENDUM 4 released APPENDIX M outlining modifications and replacement of existing air vacs. What pay item should this work be placed under?

**Answer:** See Addendum No. 3, revised Bid Schedule was provided. Costs to be provided in Bid Item No. 113.

21. Should ALL air vacs provided for this entire project follow spec provided in APPENDIX M?

**Answer:** No, Appendix M is only for the existing air vac assemblies. Project air vac assemblies shall be in accordance with Appendix L and the respective JCSD Standard Drawings.

22. Please describe the scope of APPENDIX M air vac modifications. Should each be replaced from mainline connection through the entire air vac assembly? Answer: Work associated with Appendix M shall only involve the actual aboveground portion of the air vac assembly. No excavation to the mainline is required. 23. Please describe the scope of APPENDIX M air vac modifications. Should each be replaced at connection point of the air vac at the top? Answer: Work associated with Appendix M shall only involve the actual aboveground portion of the air vac assembly. No excavation to the mainline is required. 24. On bid schedules II & III, bid items 233 and 331 respectively, have a quantified unit of measurement (10ea & 20ea) while bid schedule I, bid item 150 does not. It's a lump sum item. What's the reasoning for this? Answer: Bid Item unit of measurement has been changed to EA and given a quantity of 20. Please note that this item is now Bid Item No. 153, see Attachment Date: 5/28/25 ADDENDUM NO. 5 ACKNOWLEDGEMENT Bidder hereby acknowledges receipt of Addendum No. 5 and the incorporation thereof in bid proposal for: RECYCLED WATER PROGRAM - SEGMENT 2 FINAL DESIGN JCSD P.N. C215078 and bidders shall account for all provisions pursuant to this Addendum No. 5. This acknowledgement page shall be signed, dated, and included with the **Bid Proposal Packet.** 

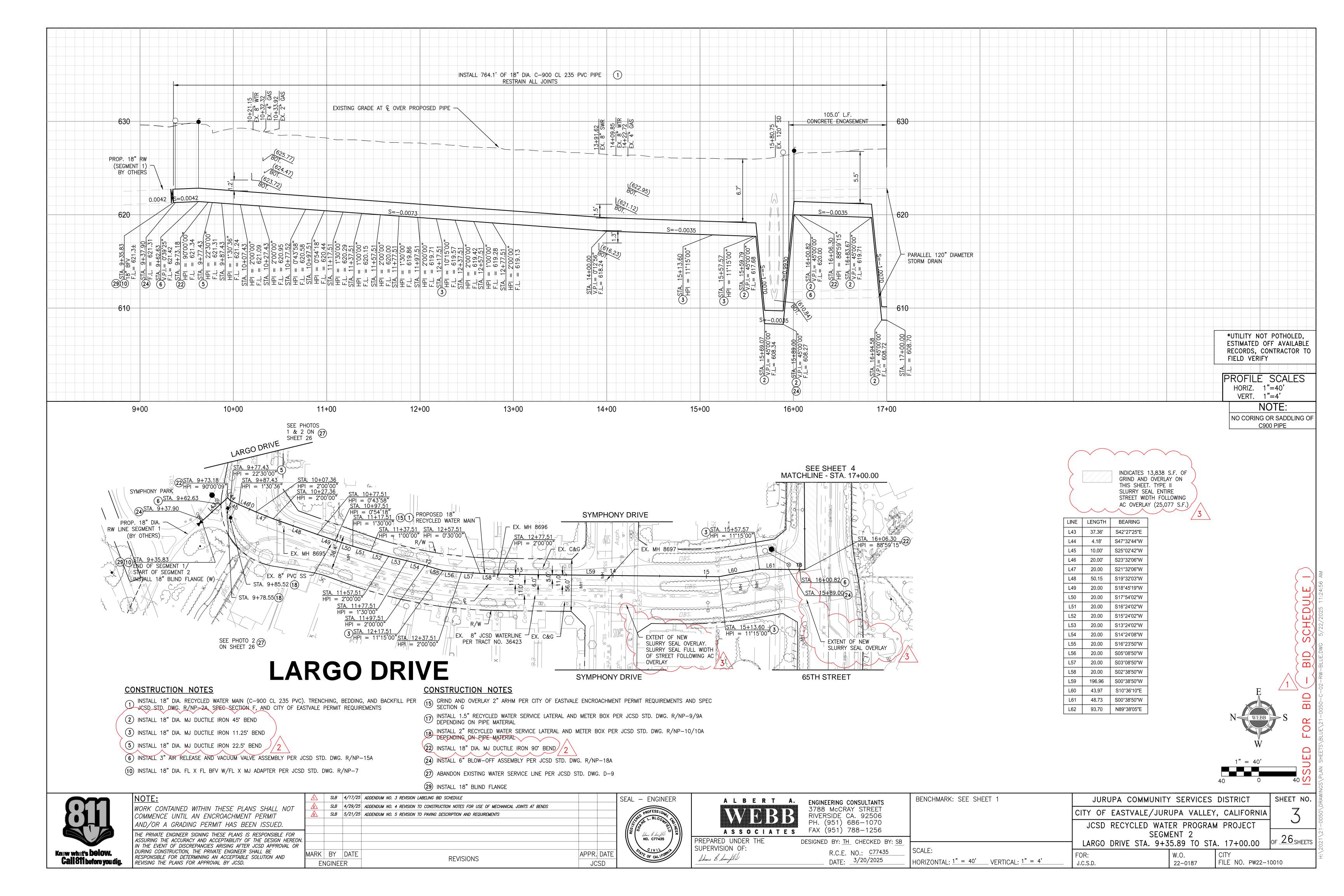
Contractor:\_\_\_

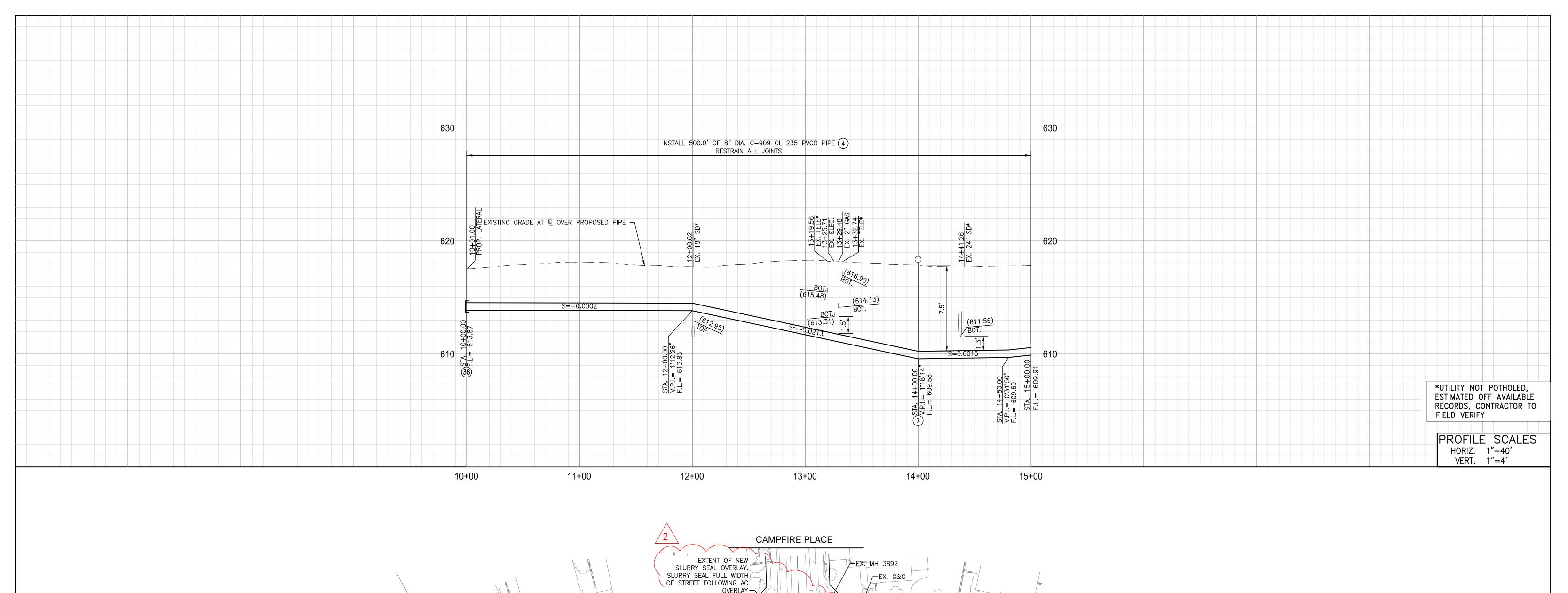
Date:

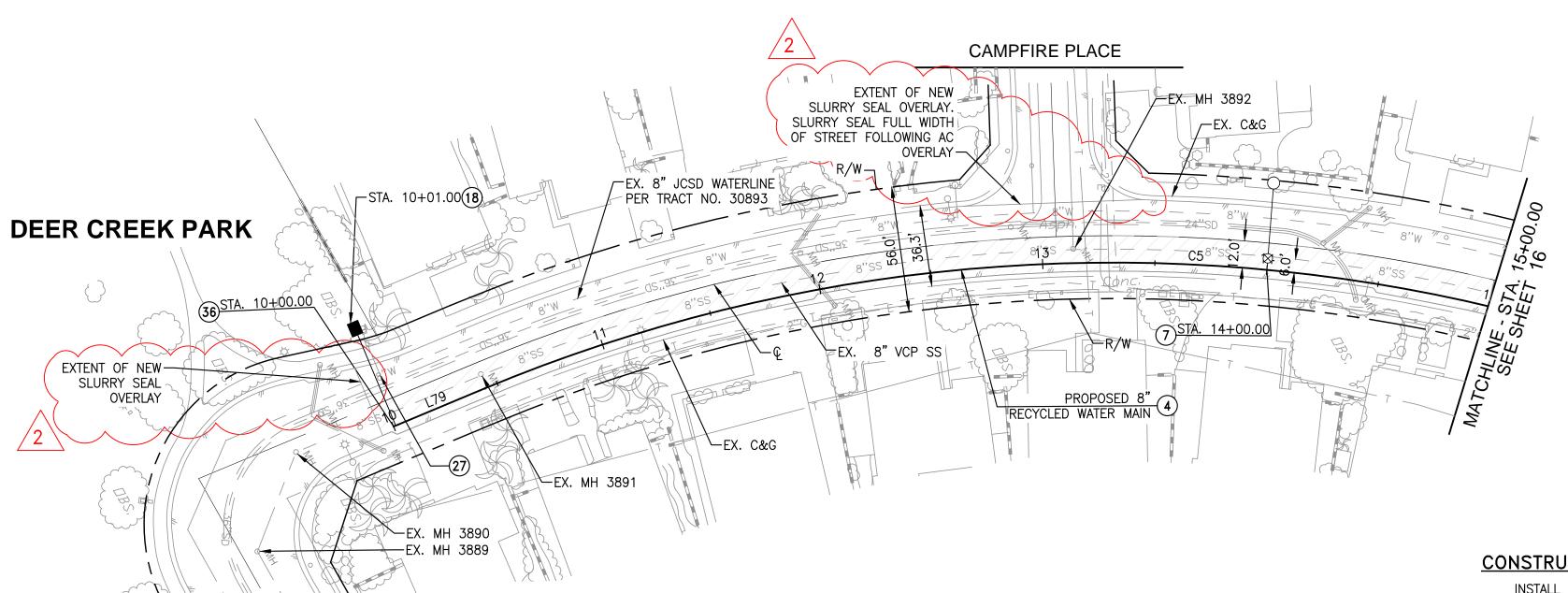
By:\_\_\_\_\_\_(Contractor's Authorized Representative)

Title:

#### **ATTACHMENT A**







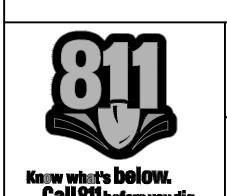
INDICATES 7,989 S.F. OF GRIND AND OVERLAY ON
THIS SHEET. SLURRY SEAL
ENTIRE STREET WIDTH
FOLLOWING AC OVERLAY (17,362 S.F.)

> LINE LENGTH BEARING L79 44.06' N07°22'31"E

CURVE RADIUS DELTA LENGTH TANGENT C5 727.99' 53°39'32" 681.78' 368.21'

### **CONSTRUCTION NOTES**

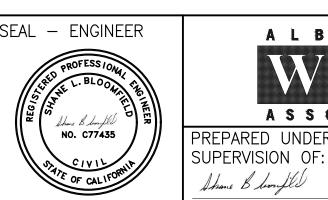
- INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVCO). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS
- 7 INSTALL 4" BLOW-OFF ASSEMBLY PER JCSD STD. DWG. R/NP-17
- 18 INSTALL 2" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-10/10A DEPENDING ON PIPE MATERIAL
- 27) ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9
- (36) INSTALL END CAP AND THRUST BLOCK PER JCSD STD. DWG. C-1 OR C-2



WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR SSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

REVISING THE PLANS FOR APPROVAL BY JCSD.

$\Lambda$	SLB	4/17/25	ADDENDUM NO. 3 REVISION LABELING BID SCHEDULE			SE
<u>^2</u>	SLB	5/21/25	ADDENDUM NO. 5 REVISION TO PAVING DESCRIPTION AND REQUIREMENTS			
						1
MARK	BY	DATE		APPR.	DATE	
ENGINEER			REVISIONS		SD	
				'		



SETTLER'S RIDGE COURT



Shame Blimfle

ENGINEERING CONSULTANTS 3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256

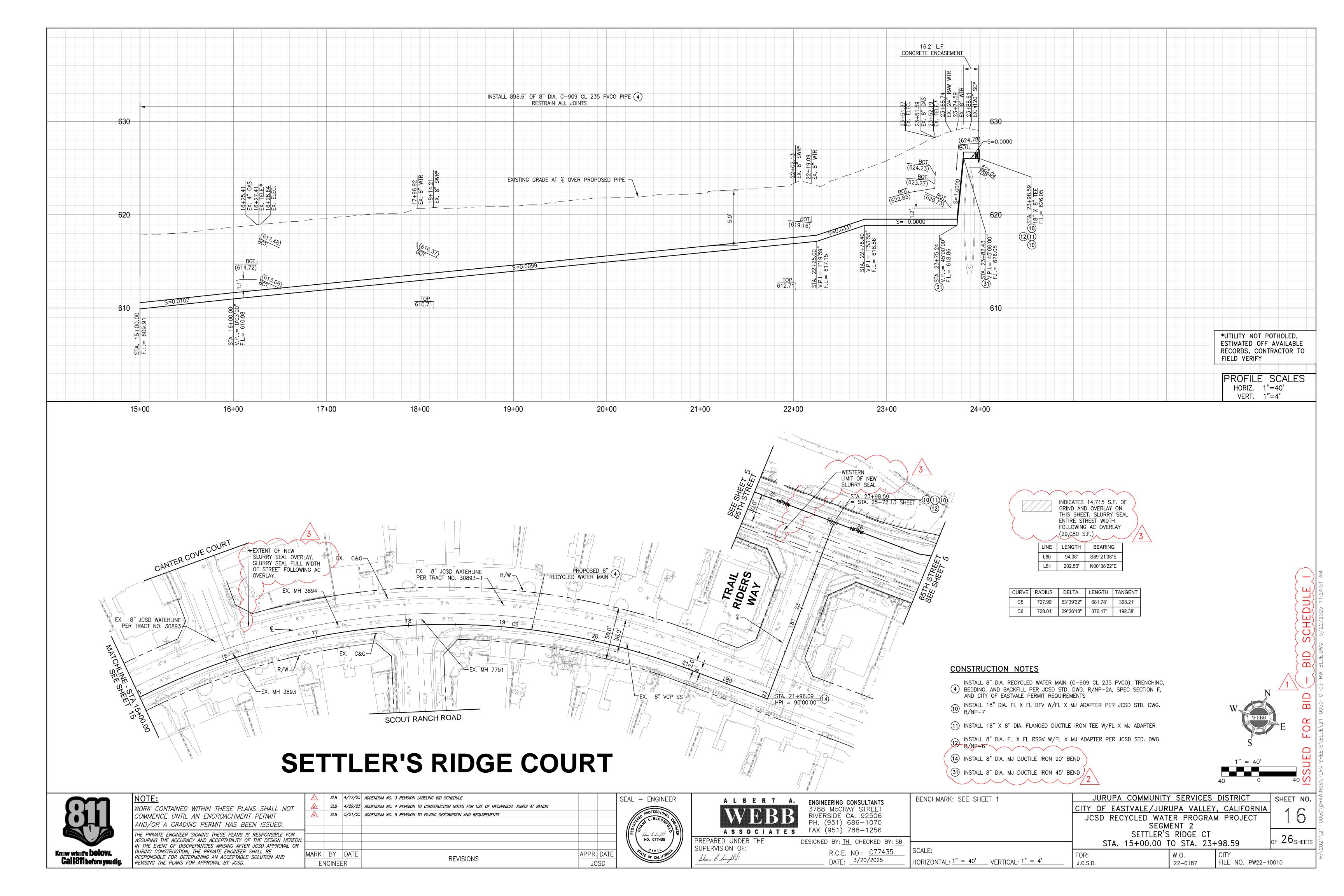
IGNED BY: <u>IH</u> CHECKED BY: <u>SB</u>	
R.C.E. NO.: <u>C77435</u>	SCALE:
DATE: <u>3/20/2025</u>	HORIZONTAL: $1" = 40'$ VERTICAL: $1" = 4'$

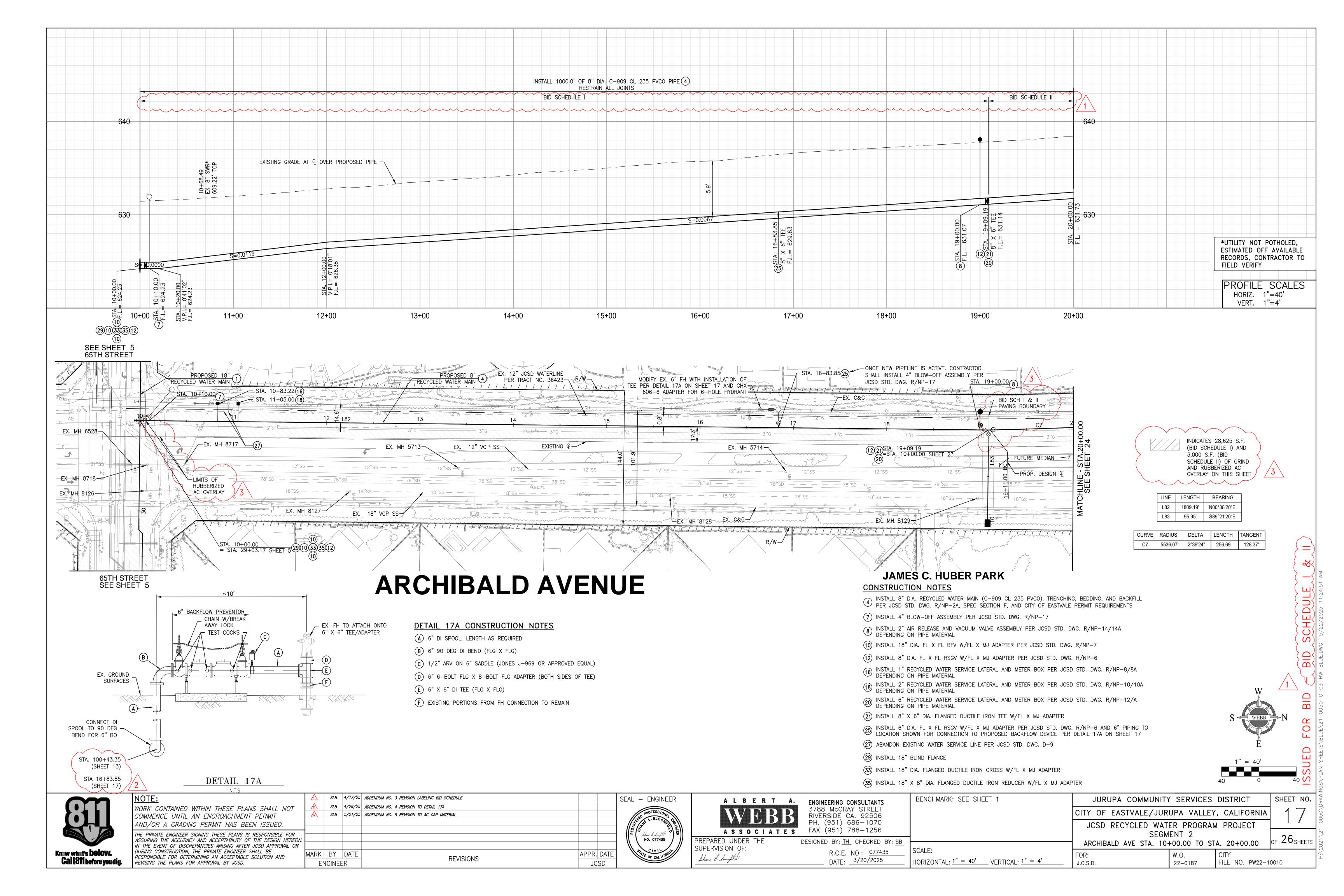
CHMARK: SEE SHEET 1	JURUPA COMMUNITY	SERVICES	DISTRICT	SHEET NO.
	CITY OF EASTVALE/JURU	JPA VALLEY	, CALIFORNIA	15
	JCSD RECYCLED WATE	R PROGRAM	PROJECT	
	SEGME		AT. 45.00.00	OF 26 SHEETS
_	SETTLER'S RIDGE CT STA. 1	0+00.00 10 3	STA. 15+00.00	OFSHEETS
. • -•	EOD:	W 0	CITY	

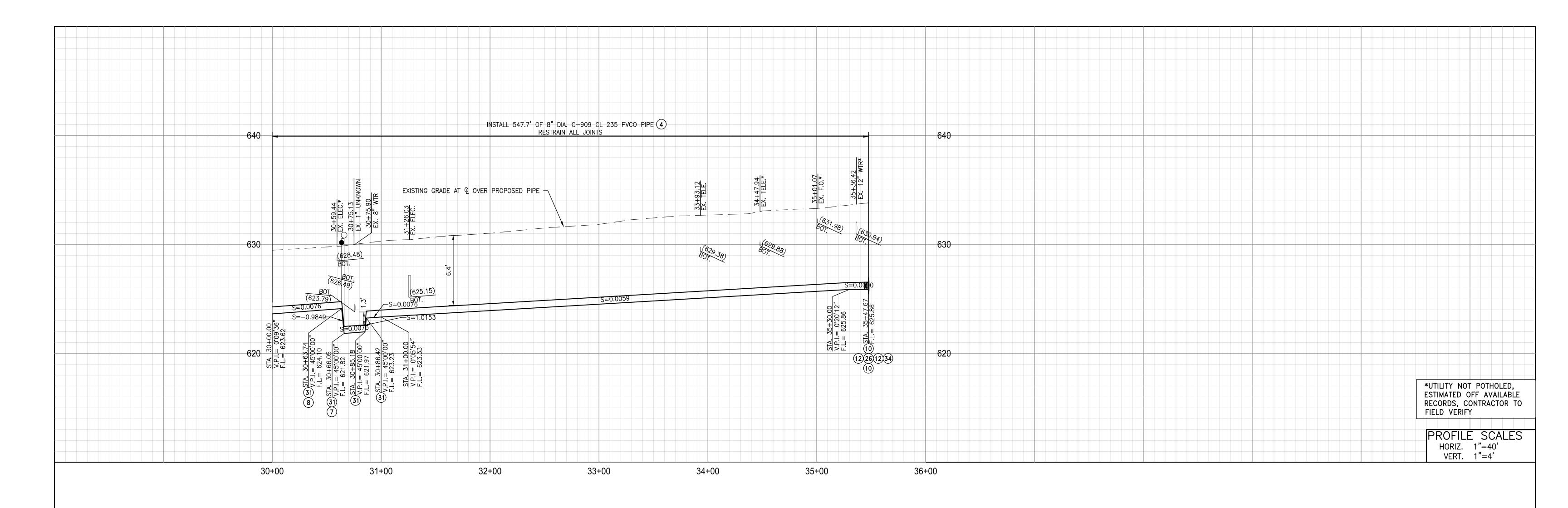
SHEET NO

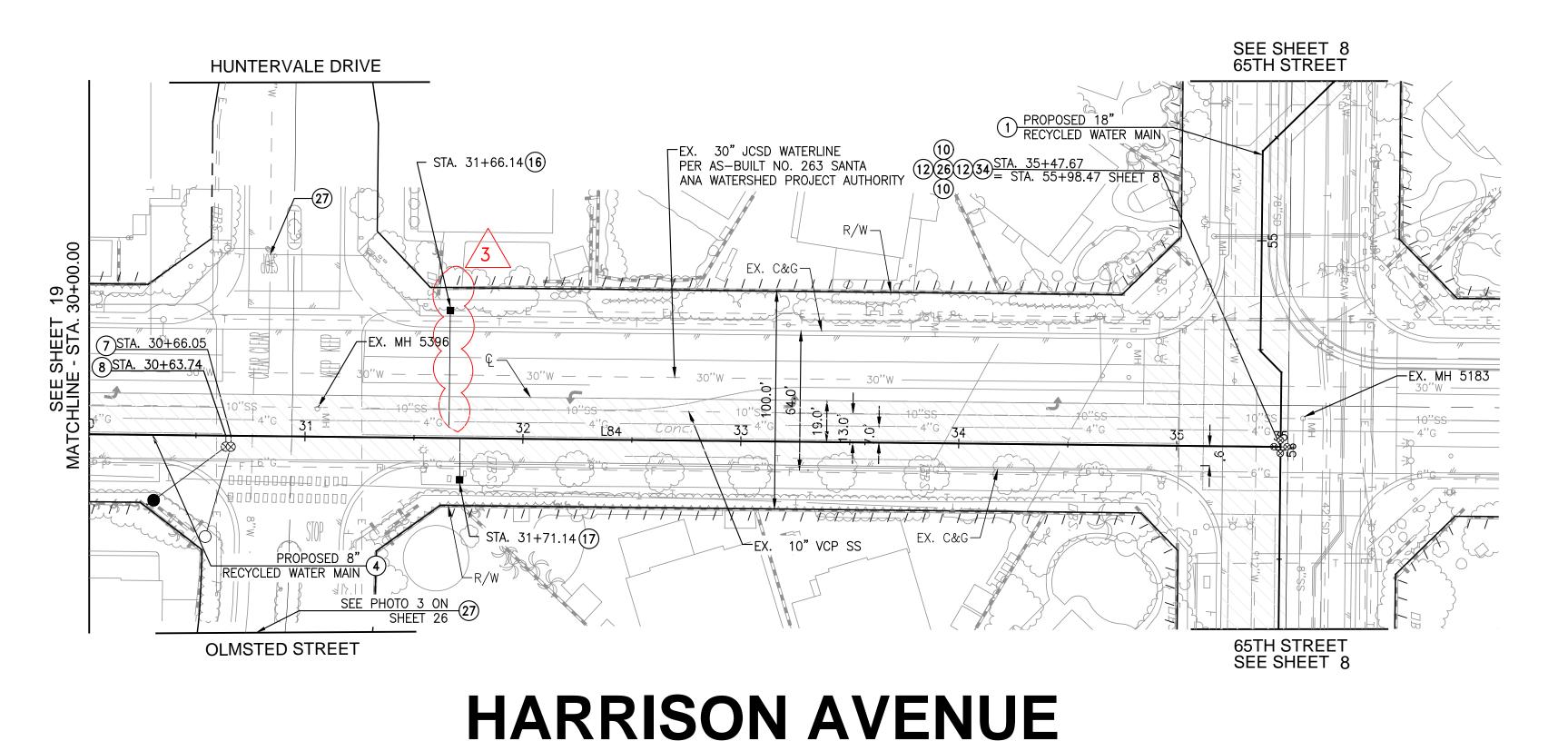
FILE NO. PW22-10010

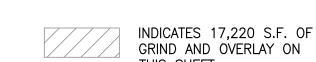
22-0187





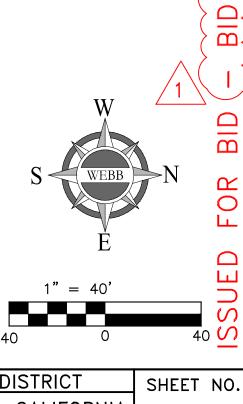


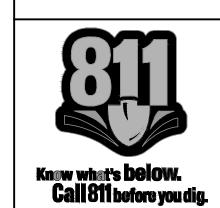




	LINE	LENGTH	BEARING
	L84	2547.67'	N00°36'47"E

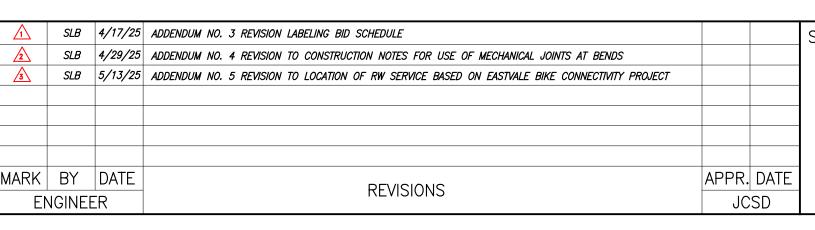
- INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVCO). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS
- 7) INSTALL 4" BLOW-OFF ASSEMBLY PER JCSD STD. DWG. R/NP-17
- 8 INSTALL 2" AIR RELEASE AND VACUUM VALVE ASSEMBLY PER JCSD STD. DWG. R/NP-14/14A DEPENDING ON PIPE MATERIAL
- (10) INSTALL 18" DIA. FL X FL BFV W/FL X MJ ADAPTER PER JCSD STD. DWG. R/NP-7
- (12) INSTALL 8" DIA. FL X FL RSGV W/FL X MJ ADAPTER PER JCSD STD. DWG. R/NP-6
- (16) INSTALL 1" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-8/8A DEPENDING ON PIPE MATERIAL
- 17) INSTALL 1.5" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-9/9A DEPENDING ON PIPE MATERIAL
- (26) INSTALL 18" X 8" DIA. FLANGED DUCTILE IRON CROSS W/FL X MJ ADAPTER
- 27) ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9
- (31) INSTALL 8" DIA. MJ DUCTILE IRON 45° BEND
- 34) INSTALL 8" BLIND FLANGE





WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR SSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

REVISING THE PLANS FOR APPROVAL BY JCSD.







SUPERVISION OF:

Shame B brought

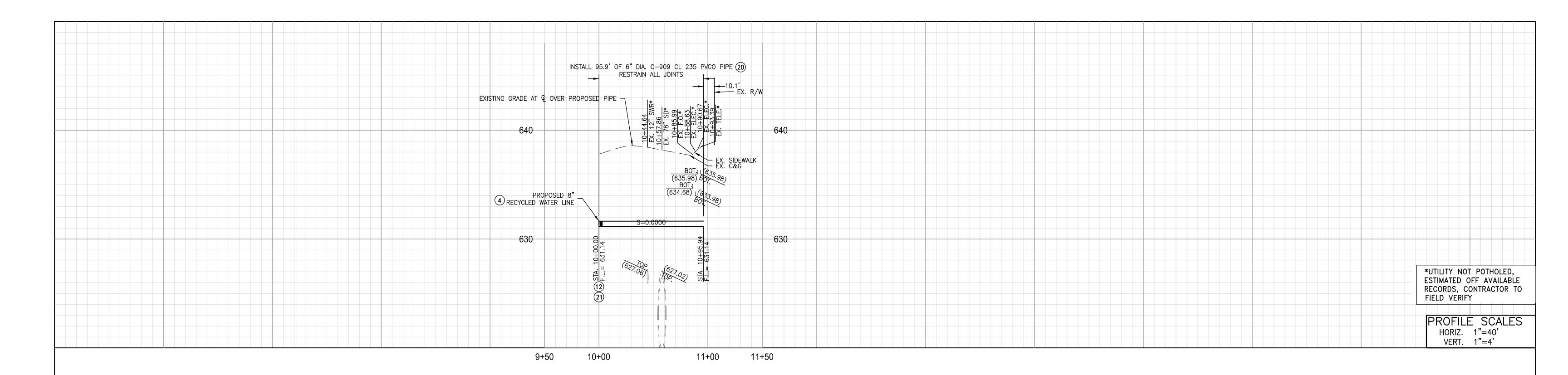
3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256 DESIGNED BY: TH CHECKED BY: SB

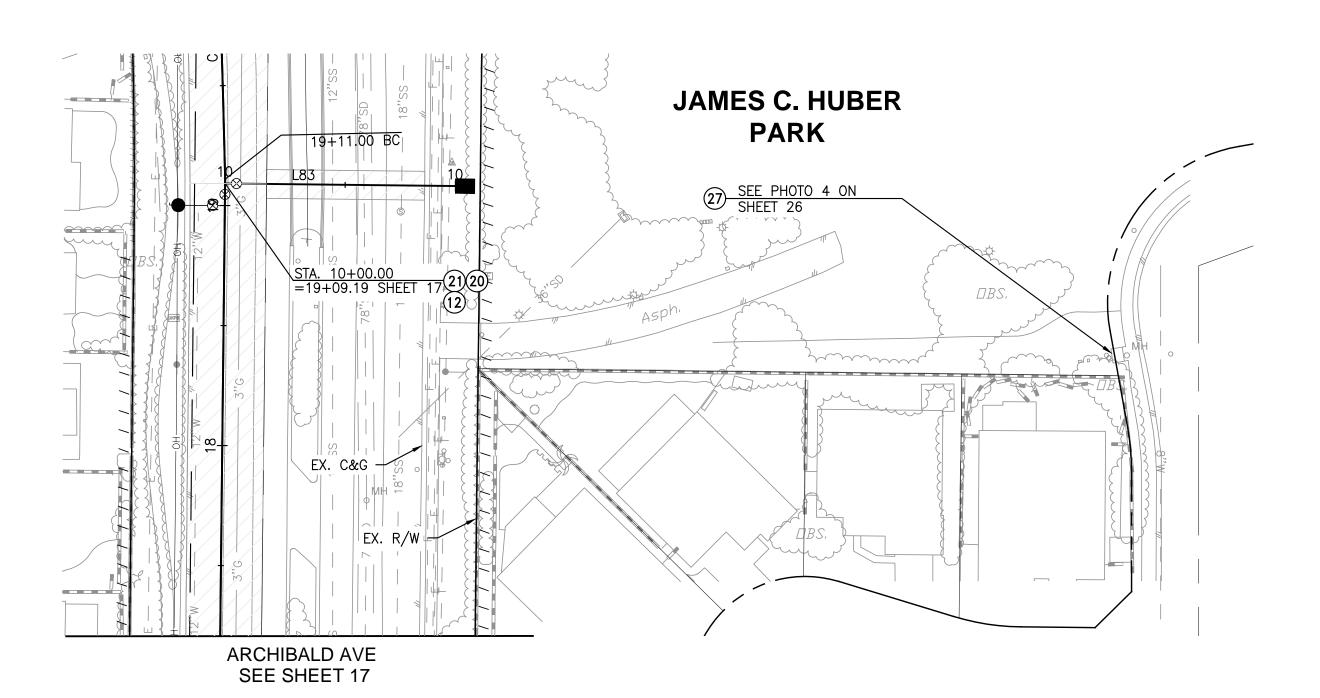
ENGINEERING CONSULTANTS

R.C.E. NO.: <u>C77435</u> DATE: 3/20/2025 HORIZONTAL: 1" = 40' VERTICAL: 1" = 4'

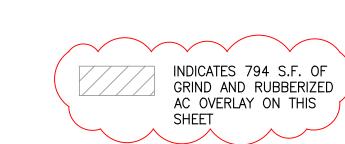
BENCHMARK: SEE SHEET 1	JURUPA COMMUNITY	SERVICES	DISTRICT
	CITY OF EASTVALE/JUR	UPA VALLEY	, CALIFORNIA
	JCSD RECYCLED WAT	ER PROGRAI	M PROJECT
	SEGM	IENT 2	
	HARRIS	ON AVE	
	STA. 30+00.00 1	ΓΟ STA. 35+	<b>-47.67</b>
SCALE:	505		O.T.

OF 26 SHEETS FILE NO. PW22-10010







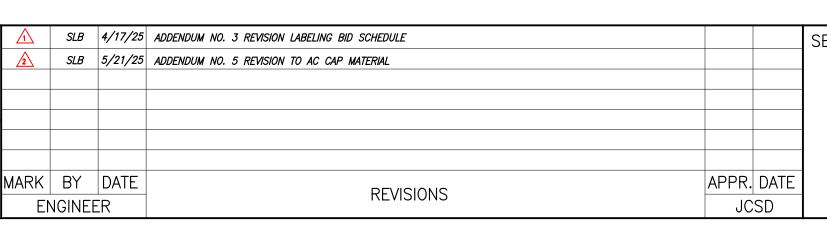


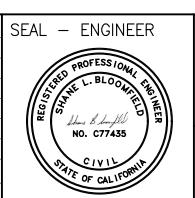
- INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVCO). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS
- (12) INSTALL 8" DIA. FL X FL RSGV W/FL X MJ ADAPTER PER JCSD STD. DWG. R/NP-6
- 20 INSTALL 6" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-12/A DEPENDING ON PIPE MATERIAL
- (21) INSTALL 8" X 6" DIA. FLANGED DUCTILE IRON TEE W/FL X MJ ADAPTER
- 27) ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9



WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR SSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY JCSD.







SUPERVISION OF:

Shame B bouffel

ENGINEERING CONSULTANTS
3788 McCRAY STREET
RIVERSIDE CA. 92506
PH. (951) 686-1070
FAX (951) 788-1256

DESIGNED BY: TH CHECKED BY: SB R.C.E. NO.: <u>C77435</u> DATE: <u>3/20/2025</u> HORIZONTAL: 1" = 40' VERTICAL: 1" = 4'

BENCHMARK: SEE SHEET 1 SEGMENT 2

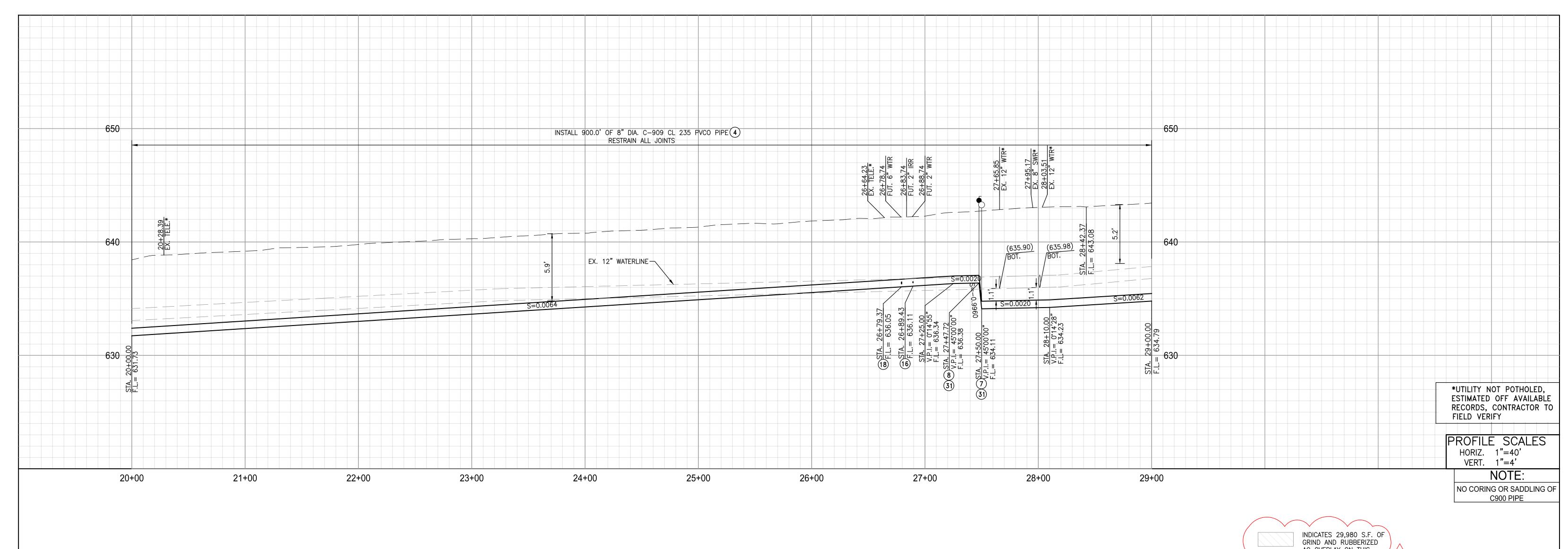
JURUPA COMMUNITY SERVICES DISTRICT CITY OF EASTVALE/JURUPA VALLEY, CALIFORNIA JCSD RECYCLED WATER PROGRAM PROJECT ARCHIBALD AVE STA. 10+00 TO STA. 10+95.94

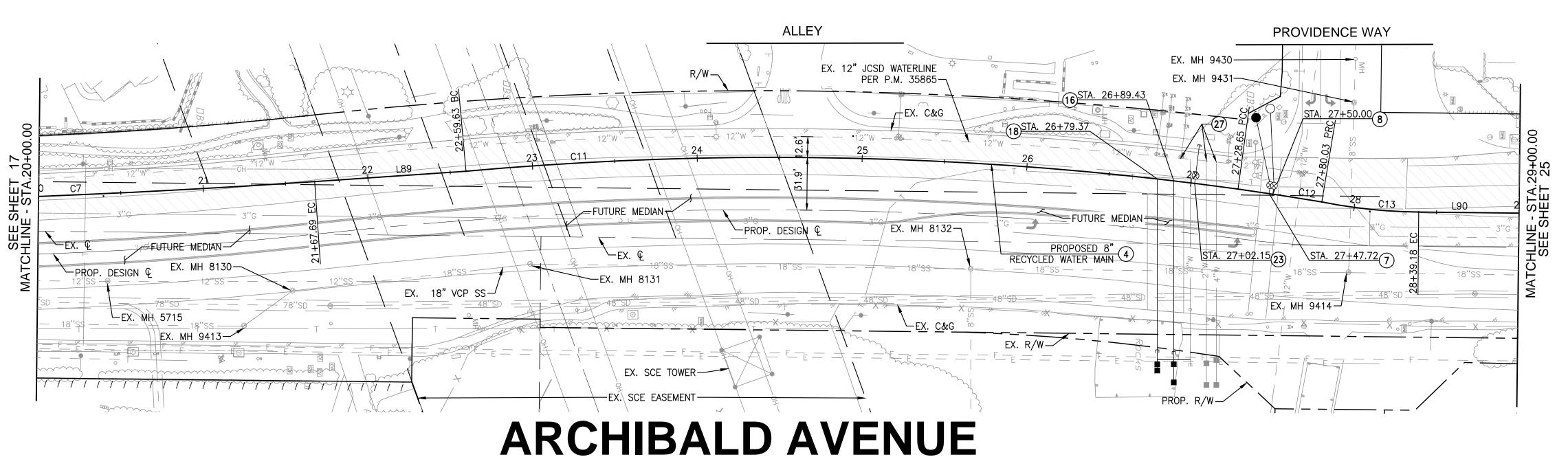
22-0187

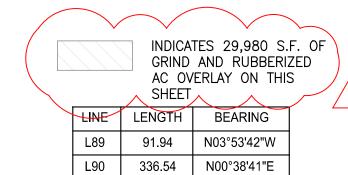
OF 26 SHEETS

FILE NO. PW22-10010

SHEET NO.





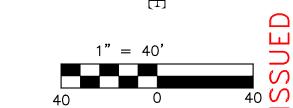


CURVE	RADIUS	DELTA	LENGTH	TANGENT
C7	5536.07'	2°39'24"	256.69'	128.37'
C11	2067.32'	12°59'55"	469.01'	235.52'
C12	2151.27'	1°22'07"	51.39'	25.69'
C13	314.73'	10°46'02"	59.14'	29.66'

- INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVCO). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS
- 7) INSTALL 4" BLOW-OFF ASSEMBLY PER JCSD STD. DWG. R/NP-17
- 8 INSTALL 2" AIR RELEASE AND VACUUM VALVE ASSEMBLY PER JCSD STD. DWG. R/NP-14/14A DEPENDING ON PIPE MATERIAL
- (16) INSTALL 1" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-8/8A DEPENDING ON PIPE MATERIAL
- 18 INSTALL 2" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-10/10A DEPENDING ON PIPE MATERIAL

22-0187

- (23) INSTALL 4" DIA. FL X FL RSGV W/FL X MJ ADAPTER PER JCSD STD. DWG. R/NP-6 AND 4" PIPING WITH CAP TO LOCATION SHOWN
- (27) ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9



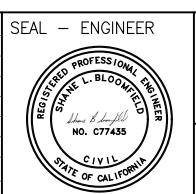


WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR SSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

REVISING THE PLANS FOR APPROVAL BY JCSD.

	$\Lambda$	SLB	4/17/25	ADDENDUM NO. 3 REVISION LABELING BID SCHEDULE			Ts
	<u>^2</u>	SLB	4/29/25	ADDENDUM NO. 4 REVISION TO CONSTRUCTION NOTES FOR USE OF MECHANICAL JOINTS AT BENDS			
	<u>3</u>	SLB	5/21/25	ADDENDUM NO. 5 REVISION TO AC CAP MATERIAL			
							1
ON.							1
R							4
	MARK	BY	DATE	REVISIONS	APPR.	DATE	
	ENGINEER		ER	INEVISIONS	JC	SD	





SUPERVISION OF:

Shome Blonfle

3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256 DESIGNED BY: TH CHECKED BY: SB R.C.E. NO.: <u>C77435</u>

DATE: 3/20/2025

ENGINEERING CONSULTANTS

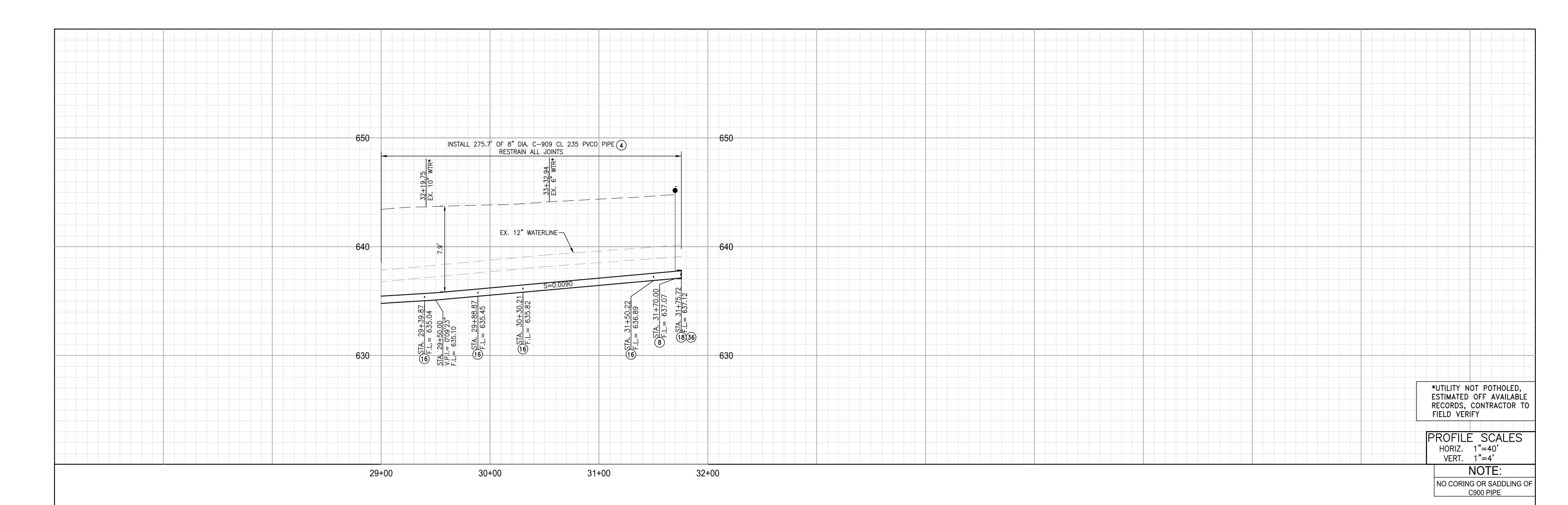
HORIZONTAL: 1" = 40' VERTICAL: 1" = 4'

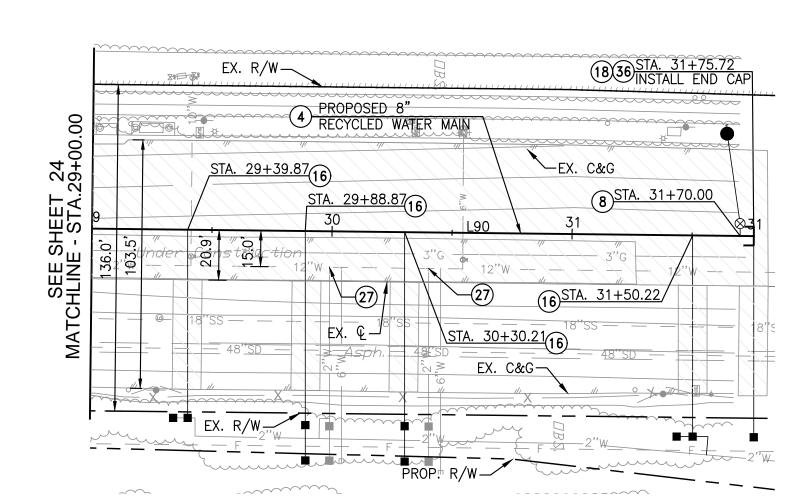
BENCHMARK:

SEE SHEET 1	JURUPA COMMUNITY SERVICES DISTRICT
	CITY OF EASTVALE/JURUPA VALLEY, CALIFOR
	JCSD RECYCLED WATER PROGRAM PROJECT
	SEGMENT 2
	ARCHIBALD AVE STA. 20+00.00 TO STA. 29+00

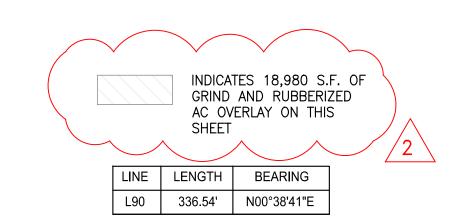
00.00 OF 26 SHEETS FILE NO. PW22-10010

SHEET NO

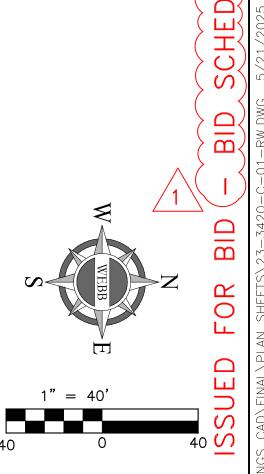








- INSTALL 8" DIA. RECYCLED WATER MAIN (C-909 CL 235 PVCO). TRENCHING, BEDDING, AND BACKFILL PER JCSD STD. DWG. R/NP-2A, SPEC SECTION F, AND CITY OF EASTVALE PERMIT REQUIREMENTS
- 8 INSTALL 2" AIR RELEASE AND VACUUM VALVE ASSEMBLY PER JCSD STD. DWG. R/NP-14/14A DEPENDING ON PIPE MATERIAL
- 16 INSTALL 1" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-8/8A DEPENDING ON PIPE MATERIAL
- 18 INSTALL 2" RECYCLED WATER SERVICE LATERAL AND METER BOX PER JCSD STD. DWG. R/NP-10/10A DEPENDING ON PIPE MATERIAL
- 27) ABANDON EXISTING WATER SERVICE LINE PER JCSD STD. DWG. D-9
- (36) INSTALL END CAP AND THRUST BLOCK PER JCSD STD. DWG. C-1 OR C-2

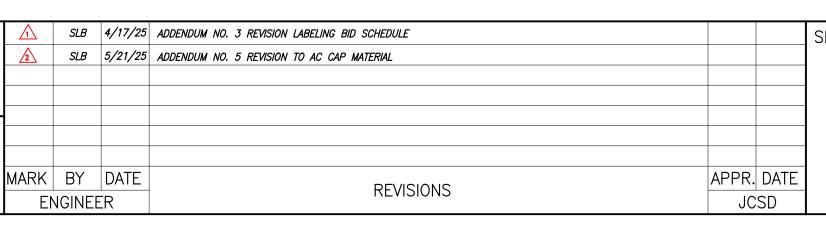


SHEET NO

Know what's <b>below.</b> Call 811 before you dig.
Call 811 before you dia.

WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER JCSD APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

REVISING THE PLANS FOR APPROVAL BY JCSD.







SUPERVISION OF:

Shame Blimfle

ENGINEERING CONSULTANTS 3788 McCRAY STREET RIVERSIDE CA. 92506 PH. (951) 686-1070 FAX (951) 788-1256

NED BY: TH CHECKED BY: SB	
ONED DI. III CHECKED DI. 3D	
R.C.E. NO.: C77435	SCALE:
	HORIZONTAL: $1" = 40'$ VERTICAL: $1" = 4'$
DATE:	HORIZONIAL. VERTICAL.

	·	
CITY OF EASTVALE/JUR	UPA VALLEY	, CALIF
JCSD RECYCLED WAT		I PROJ
SEGM	ENT 2	
ARCHIBALD AVE STA. 29-	+00.00 TO S	TA. 31-
FOR:	W.O.	CITY

BENCHMARK: SEE SHEET 1 JURUPA COMMUNITY SERVICES DISTRICT IFORNIA

1+75.72 OF 26 SHEETS FILE NO. PW22-10010 22-0187 J.C.S.D.

#### **ATTACHMENT B**

## **PROPOSAL DOCUMENTS**

## TABLE OF CONTENTS OF BIDDING DOCUMENTS

			<u>Page</u>
В.	BIDDER	'S PROPOSAL WITH SUPPORTING DOCUMENTS	P-1
	1.	Proposal	P-1
	2.	Bidder's Plan for Construction	P-3
	3.	Bidder's Statement of Experience, Financial Condition and References	P-6
	4.	Bidding Sheet	P-7
		Bid Item Schedule	P-8
	5.	Bidder's Statement	P-29
	6.	Non-Collusion Declaration	P-31
	7.	Bid Bond	P-33
	8.	Iran Contracting Act Certification	P-34
	g	Executive Order N-6-22 Certification	P-35

#### BIDDER'S PROPOSAL WITH SUPPORTING DOCUMENTS

# JURUPA COMMUNITY SERVICES DISTRICT RECYCLED WATER PROGRAM – SEGMENT 2 JCSD PROJECT NO. C215078

TO THE PRESIDENT OF THE BOARD OF DIRECTORS, JURUPA COMMUNITY SERVICES DISTRICT ("THE OWNER")

#### PROPOSAL

The undersigned proposes to furnish all labor, materials, (except those materials to be furnished by Owner) equipment and methods necessary to properly construct and complete for the Owner the <u>Jurupa Community Services District Recycled Water</u> Program – Segment 2 DPN C215078

\_\_\_\_

as set forth in the Bidding Sheet, and in accordance with Bidder's Plan for Construction accompanying this proposal and incorporated herein by reference. The undersigned also declares that, as bidder, we have carefully examined the location of the proposed work, and have read and examined the Contract (including the Special Requirements, Basic Specifications, Technical Specifications, and Drawings and other documents incorporated therein by reference).

The undersigned hereby declares, as bidder, that the only persons or parties interested in this proposal as principals are those named herein, that this bid is made without any connection with any other person or persons making a bid for the same purposes; except for any other division of the undersigned which may submit an independent bid; that the bid is in all respects fair and without collusion or fraud; that the bidder has read the Notice Inviting Bids and the Instruction to Bidders and agrees to all the stipulations contained therein; that the bidder has examined the form of Contract, (including the Special Requirements, Basic Specifications, Technical Specifications, and Drawings and other documents incorporated therein by reference); that in exchange for consideration of their bid proposal by the Owner the bidder proposes, in the event their bid as submitted on the attached and incorporated Bidding Documents be accepted by the Owner, to contract in the said form to furnish and provide the items mentioned in this proposal and in the said form of Contract and in the Special Requirements, Basic

Specifications, Technical Specifications, and Drawings, and to furnish and provide the same within the time stipulated therein; and the bidder will accept as full payment therefor the prices named in said Bidding Sheet.

The Bidder further agrees that they shall execute such Contract within ten (10) days from the date of mailing to them of written notice of the Owner's acceptance of this proposal and within same time shall furnish the required faithful performance bond or securities as permitted by Code of Civil Procedure Section 995.710, the labor and material payment bond, and certificates of insurance and endorsements, and that upon failure to do so within said time, then the proposal guarantee accompanying this proposal shall become the property of the Owner as liquidated damages for such failure or refusal and shall be deposited as monies belonging to the Owner; provided, that if said Bidder shall execute the Contract and furnish the required bonds and certificates of insurance and endorsements within the time aforesaid, their proposal guarantee shall be returned to them upon request within ten (10) days thereafter or otherwise destroyed if so requested.

In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2 of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignments shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

#### 2. BIDDER'S PLAN FOR CONSTRUCTION

Replies to these inquiries must be full and explicit.

A. what	Each bidder is required to inspect this proposed work. When, by whom, and in manner was this proposed work inspected on behalf of the Bidder:
B. descr	Explain your plan or layout for performing the proposed work, including iption of any proposed construction plan and detail construction program
C.	List the name and address of each subcontractor who will perform work in o

C. List the name and address of each subcontractor who will perform work in or about the work or improvement, or who will specifically fabricate and install a portion of the work according to detailed drawings contained in the plans and specifications, in excess of one-half of one percent of your total bid, and a statement of the portion of the work which will be done by each subcontractor. Only one subcontractor may be listed for each portion of the work. Each subcontractor must be registered with the Department of Industrial Relations to perform public work. Failure to include a subcontractor's registration number may result in the bid being non-responsive.

Subcontractor (a):	
Name:	
Address:	
Portion of Work:	
License No:	
<b>DIR Registration</b>	
Number:	
Subcontractor (b):	
Name:	
Address:	
Portion of Work:	
License:	
DIR Registration	
Number:	
Subcontractor (c):	
Name:	
Address:	
Portion of Work:	
License:	
DIR Registration	
Number:	
O. d t (d).	
Subcontractor (d):	
Name:	
Address:	
Portion of Work:	
License:	
DIR Registration	
Number:	

D. For each subcontractor listed under paragraph C herein, provide the following information concerning years and examples of experience of each subcontractor's present organization in similar work:

NAME OF SUBCONTRACTOR	YRS OF EXPERIENCE OF SUBCONTRACTOR PRESENT ORGANIZATION	DATE OF COMPLETION OF SIMILAR JOBS (AT LEAST 2 COMPLETED) WITHIN PAST 3 YRS	NAMES AND ADDRESSES OF OWNERS OF LISTED SIMILAR JOBS
a	Yrs.	Job #1	
		Job #2	
b	Yrs.	Job #1	
		Job #2	
c	Yrs.	Job #1	
		Job #2	
d	Yrs.	Job #1	
		Job #2	

## 3. <u>BIDDER'S STATEMENT OF EXPERIENCE, FINANCIAL</u> <u>CONDITION AND REFERENCES</u>

How many years of experience in construction work has your organization had? \_\_\_\_\_

The following outline is a record of the undersigned Bidder's experience as described in Bidding Instructions – "Qualified Bidders" for projects of a type similar in magnitude and character to that contemplated under this Contract. Include the location of each project as well as the name, address, and phone number of the owner, and name of individual to contact.

1. Owner' Name:

1.	Owner' Name:		
	Contact Person:		
	Address of Owner:		
	Phone:		
	Project Description:		
	Pipe Diameter (in.):		
	Type of Pipe Installed:	Total Pipe Installed (ft.):	
	Amount of Contract:	Completion Date:	
2.	Owner' Name:		
	Contact Person:		_
	Address of Owner:		
	Phone:		
	Project Description:		
	Pipe Diameter (in.):		
	Type of Pipe Installed:	Total Pipe Installed (ft.):	
	Amount of Contract:	Completion Date:	
3.	Owner' Name:		
ο.			
	Contact Person:		
	Address of Owner:		
	Phone:		
	Project Description:		
	Pipe Diameter (in.):		
	Type of Pipe Installed:	Total Pipe Installed (ft.):	
	Amount of Contract:	Completion Date:	

As a part of this supporting document, submit a signed financial statement, financial data, or other information and references sufficiently comprehensive to permit an appraisal of your financial condition. The Bidder may submit this supporting document in a sealed envelope labeled "CONFIDENTIAL".

#### 4. BIDDING SHEET

#### a. Supplemental Instructions

#### 1. Bidders are advised that:

- a. The Bidders shall submit a price for all bid item numbers under Bid Schedule I.
- b. Award, if made, will be for Bid Schedule I and will be made to one bidder only.
- c. All work under this Contract shall be completed in accordance with the Contract Completion Schedule(s) stated in the Special Requirements; AND THAT THE GENERAL CONDITIONS HEREIN CONTAINS A SECTION TITLED "LIQUIDATED DAMAGES".
- d. All contract construction shall be by an organization which has had successful demonstrable experience in the construction of facilities <u>OF THE TYPE</u> SPECIFIED, OR COMPARABLE.
- e. The Owner reserves the right to <u>vary</u> the amount of work under the Contract, and may add or deduct from the various bid numbers at the unit prices shown on the Bidding Sheet, and as a result of this prerogative, there will be no claim for damages or profits, real or anticipated.
- f. Bid items must include a proportional amount of profit, overhead, etc., within the bid price for each bid item number, since the schedule of bid item numbers under which award is to be made will be determined by Owner after bids have been received.
- g. The Bidder shall submit their proposal on the bidding documents within the separately bounded Bid Proposal Documents booklet (Volume II) containing the Notice Inviting Bids and the Proposal Documents.
- 2. <u>To complete this Bidding Sheet,</u> use the blanks provided to fill in the bid prices at which you propose to furnish the scheduled construction, including all labor, materials, (other than materials supplied by the Owner), equipment, work, and methods necessary to complete the work in accordance with the Contract Completion Schedule located in the Special Requirements. Fill in the figures for the unit prices, extensions and sum of extensions (Total Bid) for all Bid Schedules and/or Bid Items shown on the Bidding Sheet. Figures and words must be inserted for the "Total Bid". If any discrepancy exists, the Owner may recalculate the bid price on the basis of the unit price and bidder agrees to be bound by such recalculation.

#### b. Bid Item Schedule

The undersigned hereby proposes to furnish and install the following items of construction<sup>(1)</sup> for the Owner, all in strict accordance with the attached and/or incorporated Special Requirements, Basic Specifications, Technical Specifications, and Drawings, including all labor, materials, equipment, work, method, etc., necessary to complete the work in accordance with the stated completion schedule(s); for the following bid prices:

#### **BID SCHEDULE I**

#### JURUPA COMMUNITY SERVICES DISTRICT RECYCLED WATER PROGRAM – SEGMENT 2 JCSD PROJECT NO. C215078

	000D1 NO0E01 NO. 0210070						
Item <u>No.</u>	Description	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>		
101	Mobilization, Demobilization, Insurance, Bonds and Preconstruction Video <sup>(2)</sup>		LS		\$		
102	Pothole existing utilities at all crossings, and adjacent to proposed alignment, confirm connection points and provide pothole report prior to construction	400	EA	\$	\$		
103	18" dia. C-900 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges and thrust restraints (horizontal station length).	9,975	LF	\$	\$		
104	8" dia. C-909 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges, and thrust restraints (horizontal station length).	6,390	LF	\$	\$		

<sup>&</sup>lt;sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

<sup>&</sup>lt;sup>(2)</sup>Payment shall not exceed 5% of total for Bid Schedule. Initial payment of 50% for mobilization, then payment of 25% upon halfway through the project and the final 25% payment during demobilization.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
105	Installation of Geotextile Fabric associated with installation of 18" dia. piping.	9,975	LF	\$	\$
106	Installation of Geotextile Fabric associated with installation of 8" dia. piping.	6,390	LF	\$	\$
107	18" dia. Butterfly Valve per JCSD Std. Dwg. No. R/NP-7	15	EA	\$	\$
108	8" dia. R.S. Gate Valve per JCSD Std. Dwg. No. R/NP-6	9	EA	\$	\$
109	18" dia. High Deflection Coupling	25	EA	\$	\$
110	8" dia. High Deflection Coupling	5	EA	\$	\$
111	3" dia. Air Valve Assembly per JCSD Std. Dwg. No. R/NP-13 (including guard posts)	14	EA	\$	\$
112	2" dia. Air Valve Assembly per JCSD Std. Dwg. No. R/NP-12 (including guard posts)	4	EA	\$	\$
113	Modification to existing recycled water air valves, as described in the Special Requirements of these Specifications	5	EA	\$	\$

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>
114	4" dia. Blow-off per JCSD Std. Dwg. No. R/NP-15 (including guard posts) as needed.	6	EA	\$	\$
115	6" dia. Blow-off per JCSD Std. Dwg. No. R/NP-18 and ductile iron tee outlet (including guard posts) as needed.	14	EA	\$	\$
116	Install 1" Service Lateral, Meter Box, 1" Meter, thrust restraints, traffic control, and dewatering	2	EA	\$	\$
117	Install 1.5" Service Lateral, Meter Box, 1.5" Meter, thrust restraints, traffic control, and dewatering	7	EA	\$	\$
118	Install 2" Service Lateral, Meter Box, 2" Meter, thrust restraints, traffic control, and dewatering	9	EA	\$	\$
119	Install 4" Service Lateral, utilize existing meter box and existing 3" meter, thrust restraints, traffic control, and dewatering	2	EA	\$	\$
120	Install 6" Service Lateral, 4" Meter, new meter vault, thrust restraints, traffic control, and dewatering	1	EA	\$	\$

¹¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
121	Abandon existing water meter service laterals 2 ½ " and smaller per Drawing D-9 including trenching, backfill, fittings, temporary pavement repair, permanent pavement repair, traffic control and shutdown / dewatering	14	EA	\$	\$
122	Abandon existing water meter service laterals 3-in and larger per Drawing D-9 including trenching, backfill, fittings, temporary pavement repair, permanent pavement repair, traffic control and shutdown / dewatering	6	EA	\$	\$
123	65th St Sta. 100+43.35 Potable Water Connection, including piping, backflow device, fittings, thrust restraints, valves, traffic control and dewatering	1	LS	\$	\$
124	Archibald Ave Sta. 16+83.85 Potable Water Connection, including piping, backflow device, fittings, thrust restraints, valves, traffic control and dewatering (Sheet 17)	1	LS	\$	\$
125	Furnish and install additional 8- inch diameter siphon not shown on plans, including 4-45 degree fittings as required to clear existing utility.	5	EA	\$	\$

<sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
126	Furnish and install additional 18-inch siphon not shown on plans, including 4-45 degree fittings as required to clear existing utility.	5	EA	\$	\$
127	Owner directed installation of 8-inch diameter pipeline at flowline depth between 1.1 feet and 2.0 feet deeper (additive)/shallower (deductive) than shown at bid time.  Variation between 0.1-feet to 1.0 foot is no charge to the District.	1,250	LF	\$	\$
128	Owner directed installation of 8- inch diameter pipeline at flowline depth between 2.1 feet and 3.0 feet deeper (additive)/shallower (deductive)than shown at bid time.	750	LF		\$
129	Owner directed installation of 18-inch diameter pipeline at flowline depth between 1.1 feet and 2.0 feet deeper (additive)/shallower (deductive) than shown at bid time.  Variation between 0.1-feet to 1.0 foot is no charge to the District.	1,500	LF		\$
130	Owner directed installation of 18-inch diameter pipeline at flowline depth between 2.1 feet and 3.0 feet deeper (additive)/shallower (deductive)than shown at bid time.	1,000	LF	\$	\$

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	Qty.(1)	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>
131	Backfill, compact, restore mainline	16,375	LF	\$	\$
132	Sand bedding for mainline trench per specifications and modified JCSD Std. Dwg. No. A-1 including import sand, export and disposal of native materials	16,375	LF	\$	\$
133	Trenching, excavation, sheeting, shoring and bracing for protection of life and limb per OSHA Standards	1	LS	\$	\$
134	Pavement removal, disposal and replacement (mainline trench) per City of Eastvale Encroachment Permit and per Specifications	16,375	LF	\$	\$
135	0.10' grind and overlay conventional asphalt concrete cap paving of streets per City of Eastvale Encroachment Permit and per Specifications.	490,000	SF	\$	\$
136	0.10' grind and overlay rubberized asphalt concrete cap paving of streets per City of Eastvale Encroachment Permit and per Specifications.	31,500	SF	\$	\$
137	Type II Slurry Seal following Grind and Overlay per Specifications	27,500	SF	\$	\$
138	Slurry Seal following Grind and Overlay per Specifications	51,000	SF	\$	\$

¹¹Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
139	Remove and replace existing cross gutters, drains, curbs, driveways, sidewalks, mailboxes in kind.	1	LS		\$
140	Replace any impacted traffic loops.	1	LS		\$
141	Construction water, and associated piping, fittings, thrust restraints, back-flow assemblies, meter deposits, equipment, valves.	1	LS		\$
142	Pre-construction survey for pre- construction video/ potholing and final construction staking for all mainlines, laterals and appurtenances as needed.	1	LS		\$
143	Furnish, install, and maintain one (1) project sign	1	LS		\$
144	Prepare engineer signed Traffic Control plans and implement plans for grind and overlay and submit and obtain approval from City of Eastvale	1	LS		\$
145	Traffic Control and Safety per approved Traffic Control Plans as required by City of Eastvale Encroachment Permit, including traffic control for inspection activities	1	LS		\$

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
146	Monitor and maintenance of traffic control devices	1	LS		\$
147	Flush and pressure testing including temporary blow-offs, all thrust restraints and protection per AWWA and JCSD requirements.	1	LS		\$
148	Chlorination and disinfection of newly installed waterline, Bac-T sample per JCSD's requirements	1	LS		\$
149	Construction Survey	1	LS		\$
150	Maintain updated As-Builts and provide final Record Drawings	1	LS		\$
151	Protect and/or replace existing survey monuments	1	LS		\$
152	Prepare and implement a SWPPP for the project	1	LS		\$
153	Unknown/unmarked utility undercrossings	20	EA	\$	\$
154	Replace traffic striping and pavement markings per City of Eastvale Encroachment Permit, Temporary Striping	1	LS		\$
155	Remove AC, backfill, compaction, restore AC to appurtenances and services (non-mainline trench)	1	LS		\$

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>
156	Implement Environmental Measures provided in Appendix J	1	LS		\$
157	All other work in the Contract Documents not outlined in Bid Items 101 thru 156 to make system operational	1	LS		\$
Total Bid Schedule I:					
					<u>Dollars*</u>
(words)					

<sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

## **BID SCHEDULE II**

#### JURUPA COMMUNITY SERVICES DISTRICT RECYCLED WATER PROGRAM – SEGMENT 2 JCSD PROJECT NO. C215078

	300D 1 R03E01 R0. 0213070							
Item <u>No.</u>	<u>Description</u>	Qty.(1)	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>			
201	Pothole existing utilities at all crossings, and adjacent to proposed alignment, confirm connection points and provide pothole report prior to construction	20	EA	\$	\$			
202	8" dia. C-909 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges, and thrust restraints (horizontal station length).	1,275	LF	\$	\$			
203	Installation of Geotextile Fabric associated with installation of 8" dia. piping.	1,275	LF	\$	\$			
204	8" dia. High Deflection Coupling	5	EA	\$	\$			
205	2" dia. Air Valve Assembly per JCSD Std. Dwg. No. R/NP-12 (including guard posts)	2	EA	\$	\$			
206	4" dia. Blow-off per JCSD Std. Dwg. No. R/NP-15 (including guard posts) as needed.	1	EA	\$	\$			

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
207	Install 1" Service Lateral, Meter Box, 1" Meter, thrust restraints, traffic control, and dewatering	5	EA	\$	\$
208	Install 2" Service Lateral, Meter Box, 2" Meter, thrust restraints, traffic control, and dewatering	2	EA	\$	\$
209	Install 4" Service Lateral piping with end cap, with 4" Resilient Seat Gate Valve, thrust restraints, traffic control, and dewatering.	1	EA	\$	\$
210	Abandon existing water meter service laterals 2 ½ " and smaller per Drawing D-9 including trenching, backfill, fittings, temporary pavement repair, permanent pavement repair, traffic control and shutdown / dewatering	3	EA	\$	\$
211	Abandon existing water meter service laterals 3-in and larger per Drawing D-9 including trenching, backfill, fittings, temporary pavement repair, permanent pavement repair, traffic control and shutdown / dewatering	2	EA	\$	\$
212	Furnish and install additional 8-inch diameter siphon not shown on plans, including 4-45 degree fittings as required to clear existing utility.	2	EA	\$	\$

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
213	Owner directed installation of 8-inch diameter pipeline at flowline depth between 1.1 feet and 2.0 feet deeper (additive)/shallower (deductive) than shown at bid time. Variation between 0.1- feet to 1.0 foot is no charge to the District.	100	LF	\$	\$
214	Owner directed installation of 8-inch diameter pipeline at flowline depth between 2.1 feet and 3.0 feet deeper (additive)/shallower (deductive)than shown at bid time.	100	LF	\$	\$
215	Backfill, compact, restore mainline	1,275	LF	\$	\$
216	Sand bedding for mainline trench per specifications and modified JCSD Std. Dwg. No. A-1 including import sand, export and disposal of native materials	1,275	LF	\$	\$
217	Trenching, excavation, sheeting, shoring and bracing for protection of life and limb per OSHA Standards	1	LS		\$
218	Pavement removal, disposal and replacement (mainline trench) per City of Eastvale Encroachment Permit and per Specifications	1	LS		\$

<sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty</u> .(1)	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>
219	0.10' grind and overlay rubberized asphalt concrete cap paving of streets per City of Eastvale Encroachment Permit and per Specifications.	62,350	SF	\$	\$
220	Remove and replace existing cross gutters, drains, curbs, driveways, sidewalks, mailboxes in kind	1	LS		\$
221	Replace any impacted traffic loops	1	LS		\$
222	Construction Water and associated piping	1	LS		\$
223	Pre-construction survey for pre-construction video/ potholing and final construction staking for all mainlines, laterals and appurtenances as needed.	1	LS		\$
224	Prepare engineer signed Traffic Control plans and implement plans for grind and overlay and submit and obtain approval from City of Eastvale	1	LS		\$
225	Traffic Control and Safety per approved Traffic Control Plans as required by City of Eastvale Encroachment Permit, including traffic control for inspection activities	1	LS		\$

<sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>
226	Monitor and maintenance of traffic control devices	1	LS		\$
227	Flush and pressure testing including temporary blowoffs, all thrust restraints and protection per AWWA and JCSD requirements.	1	LS		\$
228	Chlorination and disinfection of newly installed waterline, Bac-T sample per JCSD's requirements	1	LS		\$
229	Construction Survey	1	LS		\$
230	Maintain updated As-Builts and provide final Record Drawings	1	LS		\$
231	Protect and/or replace existing survey monuments	1	LS		\$
232	Prepare and implement a SWPPP for the project	1	LS		\$
233	Unknown/unmarked utility undercrossings	10	EA	\$	\$
234	Replace traffic striping and pavement markings per City of Eastvale Encroachment Permit, Temporary Striping	1	LS		\$
235	Remove AC, backfill, compaction, restore AC to appurtenances and services (non-mainline trench)	1	LS		\$

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	<u>Ext</u>	Bid ension*
236	Implement Environmental Measures provided in Appendix J	1	LS		\$	
237	All other work in the Contract Documents not outlined in Bid Items 201 thru 236 to make system operational	1	LS		\$	
Total Bid Schedule II:						
						Dollars*
		(words)				

<sup>&</sup>lt;sup>1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

## **BID SCHEDULE III**

#### JURUPA COMMUNITY SERVICES DISTRICT RECYCLED WATER PROGRAM – SEGMENT 2 JCSD PROJECT NO. C215078

Item	000D 1 1000		02.00	Unit Bid	Bid
No.	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Price*	Extension*
301	Mobilization, Demobilization, Insurance, Bonds and Preconstruction Video <sup>(2)</sup>		LS		\$
302	Pothole existing utilities at all crossings, and adjacent to proposed alignment, confirm connection points and provide pothole report prior to construction	20	EA	\$	\$
303	18" dia. C-900 PVC recycled purple watermain w/tracer wire, ductile iron fittings, blind flanges, and thrust restraints (horizontal station length).	1,925	LF	\$	\$
304	Installation of Geotextile Fabric associated with installation of 18" dia. piping.	1,925	LF	\$	\$
305	Furnish and Install 24" I.D. x 1/2" Thick Steel Casing, open cut and place casing, and concrete encasement of casing at deflection points and service outlets as indicated on the Plans	800	LF	\$	\$
306	18" dia. Butterfly Valve per JCSD Std. Dwg. No. R/NP-7	2	EA	\$	\$

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

<sup>(2)</sup> Payment shall not exceed 5% of total for Bid Schedule. Initial payment of 50% for mobilization, then payment of 25% upon halfway through the project and the final 25% payment during demobilization.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
307	4" dia. R.S. Gate Valve per JCSD Std. Dwg. No. R/NP-6	3	EA	\$	\$
308	6" dia. Blow-off per JCSD Std. Dwg. No. R/NP-18 and ductile iron tee outlet (including guard posts) as needed.	1	EA	\$	\$
309	Install 4" Service Lateral, thrust restraints, traffic control, and dewatering	3	EA	\$	\$
310	Owner directed installation of 18-inch diameter pipeline at flowline depth between 1.1 feet and 2.0 feet deeper (additive)/shallower (deductive) than shown at bid time. Variation between 0.1-feet to 1.0 foot is no charge to the District.	250	LF	\$	\$
311	Owner directed installation of 18-inch diameter pipeline at flowline depth between 2.1 feet and 3.0 feet deeper (additive)/shallower (deductive)than shown at bid time	200	LF	\$	\$
312	Backfill, compact, restore mainline	1,925	LF	\$	\$

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>
313	Sand bedding for mainline trench per specifications and modified JCSD Std. Dwg. No. A-1 including import sand, export and disposal of native materials	1,925	LF	\$	\$
314	Trenching, excavation, sheeting, shoring and bracing for protection of life and limb per OSHA Standards	1	LS		\$
315	Pavement removal, disposal and replacement (mainline trench) per City of Eastvale and Jurupa Valley Encroachment Permit and per Specifications	1,925	LF	\$	\$
316	0.10' grind and overlay of asphalt concrete capping of streets per City of Eastvale, City of Jurupa Valley, and Caltrans Encroachment Permit and per Specifications.	31,000	SF	\$	\$
317	Remove and replace existing cross gutters, drains, curbs, driveways, sidewalks, mailboxes in kind	1	LS		\$
318	Replace any impacted traffic loops	1	LS		\$
319	Construction water, and associated piping, fittings, thrust restraints, back-flow assemblies, meter deposits, equipment, valves.	1	LS		\$

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
320	Pre-construction survey for pre-construction video/ potholing and final construction staking for all mainlines, laterals and appurtenances as needed.	1	LS		\$
321	Apply for, Obtain, pay for and comply with City of Eastvale, City of Jurupa Valley, and Caltrans encroachment permit (including all rider permits and extensions), provide and implement BMP's per encroachment permit requirements.	1	LS		\$
322	Prepare engineer signed Traffic Control plans and implement plans for grind and overlay and submit and obtain approval from City of Eastvale and Jurupa Valley and Caltrans	1	LS		\$
323	Traffic Control and Safety per approved Traffic Control Plans as required by City of Eastvale, City of Jurupa Valley, and Caltrans Encroachment Permits, including traffic control for inspection activities	1	LS		\$

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.(1)</u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid Extension*
324	Monitor and maintenance of traffic control devices	1	LS		\$
325	Flush and pressure testing including temporary blow-offs, all thrust restraints and protection per AWWA and JCSD requirements.	1	LS		\$
326	Chlorination and disinfection of newly installed waterline, Bac-T sample per JCSD's requirements	1	LS		\$
327	Construction Survey	1	LS		\$
328	Maintain updated As-Builts and provide final Record Drawings	1	LS		\$
329	Protect and/or replace existing survey monuments	1	LS		\$
330	Prepare and implement a SWPPP for the project	1	LS		\$
331	Unknown/unmarked utility undercrossings	20	EA	\$	\$
332	Replace traffic striping and pavement markings per City of Eastvale, City of Jurupa Valley, and Caltrans Encroachment Permits, Temporary Striping	1	LS		\$

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

Item <u>No.</u>	<u>Description</u>	<u>Qty.<sup>(1)</sup></u>	<u>Unit</u>	Unit Bid <u>Price*</u>	Bid <u>Extension*</u>					
333	Remove AC, backfill, compaction, restore AC to appurtenances and services (non-mainline trench)	1	LS		\$					
334	Implement Environmental Measures provided in Appendix J	1	LS		\$					
335	All other work in the Contract Documents not outlined in Bid Items 301 thru 334 to make system operational	1	LS		\$					
Total Bid Schedule III:										
					Dollars*					
	(words)									

<sup>(1)</sup>Quantities (except for "Lump Sum" item numbers) are estimated and are for the purpose of comparing bids only. Payment will be based upon actual quantities furnished, installed or constructed in accordance with the Contract Documents.

<sup>\*</sup>The above prices include any amount payable by the Owner for taxes by reason of this contract.

#### **PROPOSAL**

#### **BIDDING SHEET SUMMARY**

(to be filled in by Bidder)

TOTAL BID PRICE FOR BID SCHEDULE I (Nos. 101 thru 157)	\$ <u>*</u>
TOTAL BID PRICE FOR BID SCHEDULE II (Nos. 201 thru 237)	\$ <u>*</u>
TOTAL BID PRICE FOR BID SCHEDULE III (Nos. 301 thru 335)	\$ <u>*</u>
TOTAL BID PRICE FOR SCHEDULES I, II, and III \$	*
·	
	Dollars*
(DOLLAR AMOUNT IN WRITTEN FORM)	
The undersigned agrees that these Proposal/Bid Forms co Owner which cannot be withdrawn for the number of Cale Notice Inviting Bids from and after the bid opening date, or u is fully executed by the Owner and a third party, whichever also agrees that if there is a discrepancy between the written the numerical amount of the Bid Price, the written amount sha	ndar Days indicated in the intil a contract for the Work is earlier. The undersigned amount of the Bid Price and
Acknowledgement of reading above statement:	
Ву:	
Signature	Date

#### 5. BIDDER'S STATEMENT

Names and addresses of all members of co-partnership or names and titles of all officers of the corporation.
The bidder declares that the surety or sureties named in the space provided below has agreed to furnish bonds in the aggregate amounts set forth in the Instruction to Bidders, in the event the Contract is awarded on the basis of this proposal.
Name(s) and address(es) of surety or sureties agreeing to furnish bond.

Corporation organized under the laws of the State of:	Name of Bidder:
California Contractor's License No	
	Bidder's Address
License Expiration Date:	
License Class	Bidder's Phone Number
	Bidder's Fax Number
-	of the registration requirements set forth in Labor d is currently registered with the Department of orks.
DIR Registration Number:	
I declare under penalty of perju the foregoing representations are true a	ry under the laws of the State of California that and correct.
	By:(Bidder's Signature)
	(Typed or Printed Name)
	Title

#### 6. NON-COLLUSION DECLARATION

#### TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The un	dersigned declares:		
I am th the foregoing l	ne bid.	of	, the party making
partnership, conot collusive of other bidder to colluded, consistent of the bid price of the bid price. The bid breakdown the thereto, to a depository, or	d is not made in the interect ompany, association, organd or sham. The bidder has not put in a false or sham spired, connived, or agreed to refrain from bidding. To agree the bidder or any other bidder or any other bidder, or of that of any other bidder has not, directly or the contents the any corporation, partnership to any member or agent the and will not pay, any personant	nization, or corporation of directly or indirectly or indirectly or indirectly. The bidder of the bidder has not unication, or conferent, or to fix any overholder. All statement indirectly, submitted from the company associated to effectuate a second or indirectly.	on. The bid is genuine and thy induced or solicited any as not directly or indirectly or anyone else to put in a in any manner, directly or nce with anyone to fix the ead, profit, or cost element ts contained in the bid are ed their bid price or anyonermation or data relative ociation, organization, bid collusive or sham bid, and
partnership, jo other entity, h	rson executing this declara pint venture, limited liability ereby represents that they n on behalf of the bidder.	y company, limited l	liability partnership, or any
the foregoing	re under penalty of perjury g is true and correct [date],[state].	and that this dec	
		<u>-</u>	(Signature)
			(Typed Name)
		M= 0:	,
	SUBSCRIBED BEFORE	ME on thisday	ot, 2U
			NOTARY PUBLIC
My Commissio	JU FAUILES.		

#### 7. BID BOND

The	makers	of t	this	bond	are,				
						,	as	Principal,	and
								, as Sur	ety and
are held and firml	y bound	unto	the	Jurupa	Com	nunity	Services	District, her	einafter
called the District,	in the pe	enal	sum	of TEN	N PER	CENT	(10%) O	F THE TOTA	AL BID
PRICE of the Prin	cipal sub	mitte	d to	DISTR	ICT fo	r the w	ork desc	ribed below,	for the
payment of which	sum in lav	wful r	none	y of the	e Unite	ed State	es, well a	nd truly to be	made,
we bind ourselves,	our heirs	s, exe	cuto	rs, adm	ninistra	tors, su	ccessors	and assigns	s, jointly
and severally, firml	y by these	e pres	sents	S.					
THE	CONDITI	ON	OF	THIS C	BLIGA	NOITA	IS SUCH	that where	eas the
Principal has subn	nitted the	acco	mpa	nying b	id dat	ed		, 2025, fo	r <u>JCSD</u>
Recycled Water Pr	ogram – S	Segm	ent 2	2 Final I	Design	DPN (	<u>2215078.</u>		

If the Principal does not withdraw its bid within the time specified in the Contract; and if the Principal is awarded the Contract and provides all documents to the District as required by the Contract (including the Special Requirements, Basic Specifications, Technical Specifications, and Drawings and other documents incorporated therein by reference); then this obligation shall be null and void. Otherwise, this bond will remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract shall in affect its obligation under this bond, and Surety does hereby waive notice of any such changes.

In the event a lawsuit is brought upon this bond by the District and judgment is recovered, the Surety shall pay all litigation expenses incurred by the District in such suit, including reasonable attorneys' fees, court costs, expert witness fees and expenses.

IN WITNESS WHEREOF,	the above-bound parties have executed this
instrument under their several seals this	day of, 20,
the name and corporate seal of each corp	oration.
SURETY:	BIDDER;
By:	By:
Title: Attest: (If Corporation)	Title: Attest: (If Corporation)
Attest. (II Corporation)	Attest. (ii Corporation)
Title:	Title:
(SEAL)	(SEAL)
STATE OF CALIFORNIA	
COUNTY OF	
On, before me,	, <u>Notary Public</u> , personally
	, who proved to me on the basis of
	whose name(s) is/are subscribed to the within
<del>-</del>	he/she/they executed the same in his/her/their
, , ,	/her/their signatures(s) on the instrument, the f which the person(s) acted, executed the
instrument.	which the person(s) acted, excedited the
I certify under penalty of periury under	the laws of the State of California that the
foregoing paragraph is true and correct.	
	WITNESS my hand and official seal.
(SEAL)	
,	SIGNATURE OF NOTARY

#### 8. IRAN CONTRACTING ACT CERTIFICATION

(Public Contract Code Section 2200 et seq.)

As required by California Public Contract Code Section 2204, the Contractor certifies subject to penalty for perjury that the option checked below relating to the Contractor's status in regard to the Iran Contracting Act of 2010 (Public Contract Code Section 2200 *et seq.*) is true and correct:

	The Contractor is not:	
	investment activities	rrent list of persons and entities engaging in in Iran prepared by the California Department in accordance with subdivision (b) of Public on 2203; or
	amount of \$20,000 identified on the cuinvestment activities of General Services Contract Code Sect	that extends, for 45 days or more, credit in the ,000 or more to any other person or entity irrent list of persons and entities engaging in in Iran prepared by the California Department in accordance with subdivision (b) of Public on 2203, if that person or entity uses or will use goods or services in the energy sector in Iran.
	Iran Contracting Act of 20	d the Contractor from the requirements of the 10 after making a public finding that, absent the be unable to obtain the goods and/or services the Contract.
	The amount of the Contract not exceed \$1,000,000.	ct payable to the Contractor for the Project does
Signed:		
Titled:		
Firm:		
Date:		

**Note:** In accordance with Public Contract Code Section 2205, false certification of this form shall be reported to the California Attorney General and may result in civil penalties equal to the greater of \$250,000 or twice the Contract amount, termination of the Contract and/or ineligibility to bid on contracts for three years.

#### 9. EXECUTIVE ORDER N-6-22 CERTIFICATION

Executive Order N-6-22 issued by Governor Gavin Newsom on March 4, 2022, directs all agencies and departments that are subject to the Governor's authority to (a) terminate any contracts with any individuals or entities that are determined to be a target of economic sanctions against Russia and Russian entities and individuals; and (b) refrain from entering into any new contracts with such individuals or entities while the aforementioned sanctions are in effect.

Executive Order N-6-22 also requires that any contractor that: (1) currently has a contract with the Owner funded through grant funds provided by the State of California; and/or (2) submits a bid or proposal or otherwise proposes to or enter into or renew a contract with the Owner with State of California grant funds, certify that the person is not the target of any economic sanctions against Russia and Russian entities and individuals.

The contractor hereby certifies, SUBJECT TO PENALTY OF PERJURY, that a) the contractor is not a target of any economic sanctions against Russian and Russian entities and individuals as described in Executive Order N-6-22 and b) the person signing below is duly authorized to legally bind the contractor. This certification is made under the laws of the State of California.

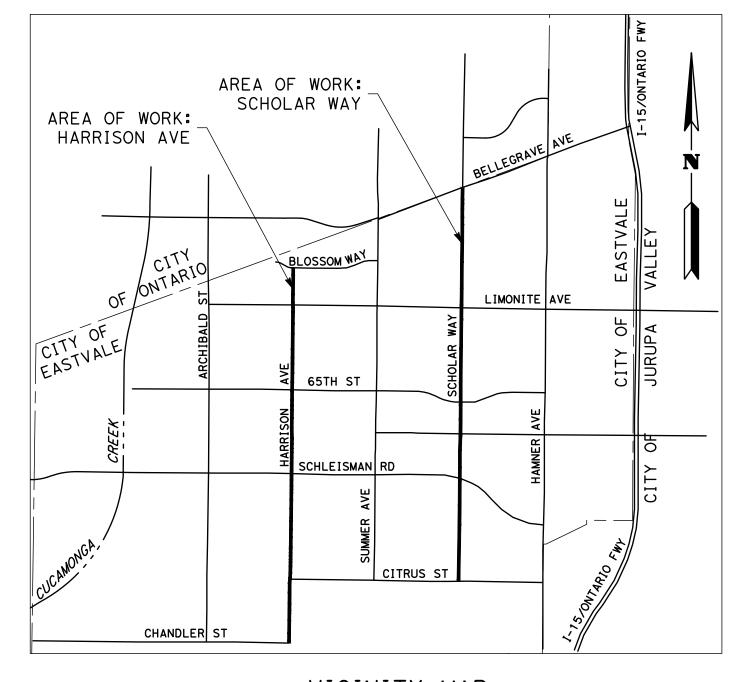
Signature:
Printed Name:
TIAL
ītle:
Contractor:
Date:

#### **ATTACHMENT C**

# **APPENDIX N**

75% Plans – City of Eastvale Bike Connectivity Project, Phases 2 & 3

# CITY OF EASTVALE BIKE CONNECTIVITY PHASE 2 & 3



VICINITY MAP SCALE: N.T.S.

# PROJECT TEAM

## OWNER/DEVELOPER

YURHI CHOI CITY OF EASTVALE 12363 LIMONITE AVENUE, SUITE 910 EASTVALE, CA 91752 (951) 361-0900 YCHOI@EASTVALECA.GOV

**SURVEY** CL SURVEYING AND MAPPING, LAM LE, PLS 400 E RINCON ST, SUITE 202

CORONA, CA 92879

(909)484-4200

(916) 403-5774

**ENGINEER** KYLE DANA, PE, MARK THOMAS 4200 CONCOURS ST. SUITE 330, ONTARIO, CA 91764 KDANAMARKTHOMAS.COM

# 24HR EMERGENCY CONTACT

YURHI CHOI CITY OF EASTVALE 12363 LIMONITE AVENUE, SUITE 910 EASTVALE, CA 91752 (951) 361-0900 YCHOI@EASTVALECA.GOV

## LANDSCAPE ARCHITECT

TAISHIRO GOTO, PLA, MARK THOMAS 4200 CONCOURS ST. SUITE 330, ONTARIO, CA 91764 TGOTOMARKTHOMAS.COM (949) 247-3931

# UTILITY PURVEYORS

## WATER, SEWER

CITY OF ONTARIO SARA SOLCHAGA 303 EAST B STREET ONTARIO, CA 91764 909-395-2150

MATTHEW STEWART

MUNICIPAL WATER

951-202-0715

WESTERN

DISTRICT

11615 STERLING AVE.

RIVERSIDE, CA 92503

SANTA ANA WATERSHED PRO

CHINO BASIN DESALTER AUTHORITY TOM O'NEIL (909)218 - 3729

6075 KIMBALL AVE

CHINO, CA 91708

909-573-6188

MATT POESKE

INLAND EMPIRE UTILITIES

JURUPA COMMUNITY SERVICE EDDIE RHEE 11201 HARREL ST JURPA VALLEY, CA 91752 951-685-7432

## CABLE TV

TERI PATTON

SPECTRUM JOSUE CARRILLO 9265 TOPANGA CANYON BLVD CHATSWORTH, CA 91311 818-922-6839

FRONTIER JEREMIAH JORDAN 6980 PITTSFORD PALMGRA FAIRPORT, NY 14450 585-777-7002

AT&T CONSTRUCTION & ENGINEERING 888-290-3111

<u>GAS</u>

FIBER DIG 1500 CORPORATE DR CANONSBURGE, PA 15317 800-651-3110

SOCAL GAS GAERY AMBERS 1981 W LUGONIA AVE REDLANDS, CA 92374 909-335-7955

SOCAL GAS TRANSMISSION BEAUMONT 9400 OAKDALE AVE CHATSWORTH, CA 91311

# <u>PHONE</u>

818-701-4546

VERIZON 400 INTERNATIONAL PKWY RICHARDSON, TX 95081 972-231-5313

# **ELECTRICITY**

CROWN CASTLE

SOUTHERN CALIFORNIA EDISON 14005 S BENSON AVE CHINO, CA 91710 909-548-7047

## STORM DRAIN

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT 1995 MARKET STREET RIVERSIDE, CA 92501 (951) 955-1200

## BASIS OF BEARINGS

THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 6, (2010.00 EPOCH) IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819; SAID COORDINATES ARE BASED LOCALLY UPON FIELD-OBSERVED TIES TO THE FOLLOWING NATIONAL GEODETIC SURVEY NETWORK, CONTINUALLY OPERATING REFERENCE STATIONS(CORS), OR EQUIVALENT STATIONS:

STATION NOCO SBCC

1.0000105860.

NORTHING 2280817.07 2147751.06

EASTING 6161339.18 6131652.36

ALL DISTANCES SHOWN HEREON ARE GRID DISTANCES AND ARE IN U.S. SURVEY FOOT. GROUND DISTANCES CAN BE OBTAINED BY MULTIPLYING GRID DISTANCES BY A COMBINED FACTOR OF

# NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. LOCATIONS OF THE "TIE-IN" UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. CALL UNDERGROUND SERVICE ALERT (U.S.A.) 811 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL SIDEWALKS, RAMPS, RAILS, CLEARANCES AND APPURTENANCES MEET OR EXCEED THE MOST STRINGENT REQUIREMENTS OF COUNTY, STATE OR GOVERNING AGENCY FOR ACCESSIBILITY PRIOR TO POURING OF CONCRETE TO FINAL GRADE. ALL ADA ACCESSIBLE SIDEWALKS SHALL HAVE A SLOPE NO GREATER THAN 5% MAXIMUM AND A CROSS SLOPE OF NO GREATER THAN 2% MAXIMUM.

# **BEFORE** YOU DIG A PUBLIC SERVICE BY RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

CHANDLE

LIMONI.

GOLDEN BIT ST

CHLEISMAN

TH AVE

CT |

**OLLOWBROOK** 

 $\mathsf{w}_\mathsf{A}_\mathsf{Y} = \mathsf{=}$ 

NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

SITE MAP

SCALE: 1'' = 800'

1600

SAVANNAH

LIMONITE

QUARTER

HORSE DR

 $\triangleleft$ 

 $\bigcirc$ 

CITRUS

HORSE DR RD RD

EVENING

BREEZE

CITY OF EASTVALE ark I by Idate YURHI CHOI, CITY ENGINEER ENGINEER REVISIONS DATE ENGR.



DATE

**MARK** ■ ■ THOMAS 4200 CONCOURS ST, SUITE 330 ONTARIO, CA 91764 (909) 291-7246

DATE: \_ KYLE DANA

**BENCHMARK:** RIVERSIDE BENCH MARK NO. M.L. 34-1-64A 3" ALUMINUM DISK IN THE TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE "T" INTERSECTION OF ORANGE ST. AND SUMNER AVE., 84.0 FT.E. AND 22.0 FT.S. OF THE CENTERLINE INTERSECTION OF SUMNER AVE. AND ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06

NGVD 29

CITY OF EASTVALE BIKE NETWORK CONNECTIVITY SHEET NO. TITLE SHEET

W.O.

T-1F 178 SHEET

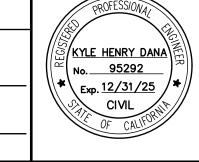
PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: \_\_\_ CHECKED BY: R.C.E. NO.: C95292

CITY FILE NO.

SHEE	T INDEX	<u> </u>							ABBR	EVIATIONS:		
SHEET NO.	SHEET COUNT	SHEET TITLE	L-29	SHT-66	PLAN AND PROFILE - SCHOLAR WAY	SS-4	SHT-132	SIGNING AND STRIPING	А	AREA	PVI	POINT OF VERTICAL INTERSECTION
T-1	SHT-1	TITLE SHEET	L-30	SHT-67	PLAN AND PROFILE - SCHOLAR WAY	SS-5	SHT-133	SIGNING AND STRIPING	AC	ASPHALT CONCRETE	R	RADIUS
T-2	SHT-2	SHEET INDEX AND ABBREVIATIONS	L-31	SHT-68	PLAN AND PROFILE - SCHOLAR WAY	SS-6	SHT-134	SIGNING AND STRIPING	AP	ANGLE POINT	RCFC&WCD	RIVERSIDE COUNTY FLOOD CONTROL &
T-3	SHT-3	GENERAL NOTES	L-32	SHT-69	PLAN AND PROFILE — SCHOLAR WAY	SS-7	SHT-135	SIGNING AND STRIPING	ВС	BEGIN CURVE		WATER CONSERVATION DISTRICT RIVERSIDE COUNTY TRANSPORTATION
T-4	SHT-4	CONSTRUCTION NOTES	L-33	SHT-70	PLAN AND PROFILE — SCHOLAR WAY	SS-8	SHT-136	SIGNING AND STRIPING	BCR	BEGIN CURB RETURN	RCTP	DEPARTMENT
C-1	SHT-5	CONSTRUCTION DETAILS	L-34	SHT-71	PLAN AND PROFILE - SCHOLAR WAY	SS-9	SHT-137	SIGNING AND STRIPING	BEG	BEGIN/BEGINNING	RCP	REINFORCED CONCRETE PIPE
C-2	SHT-6	CONSTRUCTION DETAILS	L-35	SHT-72	PLAN AND PROFILE - SCHOLAR WAY	SS-10	SHT-138	SIGNING AND STRIPING	BF	BOTTOM OF FOOTING	REM.	REMOVAL / REMOVE
C-3 X-1	SHT-7 SHT-8	CONSTRUCTION DETAILS	L-36 L-37	SHT-73 SHT-74	PLAN AND PROFILE — SCHOLAR WAY PLAN AND PROFILE — SCHOLAR WAY	SS-11 SS-12	SHT-139 SHT-140	SIGNING AND STRIPING SIGNING AND STRIPING	BFC	BOTTOM FACE OF CURB	RET	RETAINING
X-1 X-2	SHT-9	TYPICAL CROSS SECTIONS  TYPICAL CROSS SECTIONS	L-38	SHT-75	PLAN AND PROFILE — SCHOLAR WAY	SS-13	SHT-141	SIGNING AND STRIPING	BVC C&G	BEGIN VERTICAL CURVE  CURB AND GUTTER	RT	RIGHT
X-3	SHT-10	TYPICAL CROSS SECTIONS	L-39	SHT-76	PLAN AND PROFILE — SCHOLAR WAY	SS-14	SHT-142	SIGNING AND STRIPING	CAB	COURSE AGGREGATE BASE	R/W	RIGHT OF WAY
X-4	SHT-11	TYPICAL CROSS SECTIONS	L-40	SHT-77	PLAN AND PROFILE - SCHOLAR WAY	SS-15	SHT-143	SIGNING AND STRIPING	CAB	CURB FACE	(R/W)	EXISTING RIGHT OF WAY
D-1	SHT-12	DEMOLITION — HARRISON AVE	L-41	SHT-78	PLAN AND PROFILE - SCHOLAR WAY	SS-16	SHT-144	SIGNING AND STRIPING	CFS	CUBIC FEET PER SECOND	S	SOUTH
D-2	SHT-13	DEMOLITION — HARRISON AVE	L-42	SHT-79	PLAN AND PROFILE — SCHOLAR WAY	SS-17	SHT-145	SIGNING AND STRIPING	CJ	CONSTRUCTION JOINT	SBCFCD	SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT
D-3	SHT-14	DEMOLITION - HARRISON AVE	L-43	SHT-80	PLAN AND PROFILE — SCHOLAR WAY	SS-18	SHT-146	SIGNING AND STRIPING	CL	CENTERLINE	SD	STORM DRAIN
D-4	SHT-15	DEMOLITION - HARRISON AVE	L-44	SHT-81	PLAN AND PROFILE — SCHOLAR WAY	SS-19	SHT-147	SIGNING AND STRIPING	CL	CLASS	SDMH	STORM DRAIN MANHOLE
D-5	SHT-16	DEMOLITION - HARRISON AVE	L-45	SHT-82	PLAN AND PROFILE - SCHOLAR WAY	SS-20	SHT-148	SIGNING AND STRIPING	CLR	CLEARANCE	SF	SQUARE FEET
D-6	SHT-17	DEMOLITION - HARRISON AVE	L-46	SHT-83	PLAN AND PROFILE - SCHOLAR WAY	SS-21	SHT-149	SIGNING AND STRIPING	C/G	CURB AND GUTTER	SL	STREET LIGHT
D-7	SHT-18	DEMOLITION - HARRISON AVE	L-47	SHT-84	PLAN AND PROFILE - SCHOLAR WAY	SS-22	SHT-150	SIGNING AND STRIPING	СОММ	COMMUNICATIONS	S'LY	SOUTHERLY
D-8	SHT-19	DEMOLITION - HARRISON AVE	L-48	SHT-85	PLAN AND PROFILE - SCHOLAR WAY	SS-23	SHT-151	SIGNING AND STRIPING	CONC	CONCRETE	SSMH	SANITARY SEWER MANHOLE
D-9	SHT-20	DEMOLITION - HARRISON AVE	L-49	SHT-86	PLAN AND PROFILE - SCHOLAR WAY	SS-24	SHT-152	SIGNING AND STRIPING	CONT	CONTINUOUS	SMH	SEWER MANHOLE
D-10	SHT-21	DEMOLITION - HARRISON AVE	L-50	SHT-87	PLAN AND PROFILE - SCHOLAR WAY	SS-25	SHT-153	SIGNING AND STRIPING	CONST	CONSTRUCT	STD	STANDARD
D-11	SHT-22	DEMOLITION - HARRISON AVE	CR-1	SHT-88	CURB RAMP DETAILS - HARRISON AVE	SS-26	SHT-154	SIGNING AND STRIPING	DEC	DECORATIVE	SURF	SURFACE
D-12	SHT-23	DEMOLITION - HARRISON AVE	CR-2	SHT-89	CURB RAMP DETAILS - HARRISON AVE	TS-1	SHT-155	TRAFFIC SIGNAL PLANS	DIA	DIAMETER	SW	SIDEWALK
D-13	SHT-24	DEMOLITION - HARRISON AVE	CR-3	SHT-90	CURB RAMP DETAILS - HARRISON AVE	TS-2	SHT-156	TRAFFIC SIGNAL PLANS	DWY	DRIVEWAY	TC	TOP OF CURB
D-14	SHT-25	DEMOLITION - SCHOLAR WAY	CR-4	SHT-91	CURB RAMP DETAILS — HARRISON AVE	TS-3	SHT-157	TRAFFIC SIGNAL PLANS	E	EAST	TCE	TEMPORARY CONSTRUCTION EASEMENT
D-15	SHT-26	DEMOLITION - SCHOLAR WAY	CR-5	SHT-92	CURB RAMP DETAILS - HARRISON AVE	TS-4	SHT-158	TRAFFIC SIGNAL PLANS	EC	END OF CURVE, ELECTRIC CABINET	TF	TOP OF FOOTING
D-16	SHT-27	DEMOLITION - SCHOLAR WAY	CR-6	SHT-93	CURB RAMP DETAILS — HARRISON AVE	TS-5	SHT-159	TRAFFIC SIGNAL PLANS	ECR	END CURB RETURN	ТОТ	TOTAL
D-17	SHT-28	DEMOLITION - SCHOLAR WAY	CR-7	SHT-94	CURB RAMP DETAILS — HARRISON AVE	TS-6	SHT-160	TRAFFIC SIGNAL PLANS	EP	EDGE OF PAVEMENT	TRW	TOP OF RETAINING WALL
D-18	SHT-29	DEMOLITION — SCHOLAR WAY	CR-8	SHT-95	CURB RAMP DETAILS — HARRISON AVE	TS-7	SHT-161	TRAFFIC SIGNAL PLANS	ESMT	EASEMENT	TPW	TOP OF PLAZA WALL
D-19	SHT-30	DEMOLITION — SCHOLAR WAY	CR-9	SHT-96	CURB RAMP DETAILS — HARRISON AVE	TS-8	SHT-162	TRAFFIC SIGNAL PLANS	EXIST	EXISTING	TS	TRAFFIC SIGNAL EQUIPMENT
D-20	SHT-31	DEMOLITION - SCHOLAR WAY	CR-10	SHT-97	CURB RAMP DETAILS — HARRISON AVE	TS-9	SHT-163	TRAFFIC SIGNAL PLANS	EV	ELECTRIC VAULT	TYP	TYPICAL
D-21	SHT-32	DEMOLITION - SCHOLAR WAY	CR-11	SHT-98	CURB RAMP DETAILS — HARRISON AVE	TS-10	SHT-164	TRAFFIC SIGNAL PLANS	EVC	END VERTICAL CURVE	TW	TOP OF WALL
D-22	SHT-33	DEMOLITION - SCHOLAR WAY	CR-12	SHT-99	CURB RAMP DETAILS — HARRISON AVE	TS-11	SHT-165	TRAFFIC SIGNAL PLANS	FG	FINISHED GRADE	VAR	VARIES / VARIABLE
D-23	SHT-34	DEMOLITION - SCHOLAR WAY	CR-13	SHT-100	CURB RAMP DETAILS — HARRISON AVE	TS-12	SHT-166	TRAFFIC SIGNAL PLANS	FL	FLOW LINE	VC	VERTICAL CURVE
D-24	SHT-35	DEMOLITION — SCHOLAR WAY	CR-14	SHT-101	CURB RAMP DETAILS — HARRISON AVE	TS-13	SHT-167 SHT-168	TRAFFIC SIGNAL PLANS	FS	FINISHED SURFACE	W	WEST
D-25 D-26	SHT-36 SHT-37	DEMOLITION — SCHOLAR WAY  DEMOLITION — SCHOLAR WAY	CR-15 CR-16	SHT-102 SHT-103	CURB RAMP DETAILS — HARRISON AVE  CURB RAMP DETAILS — HARRISON AVE	TS-14 LS-1	SHT-169	TRAFFIC SIGNAL PLANS LIGHTING & CONDUCT PLAN	FTG	FOOTING	WV	WATER TECTING CTATION
L-1	SHT-38	PLAN AND PROFILE — HARRISON AVE	CR-16 CR-17	SHT-104	CURB RAMP DETAILS - HARRISON AVE	LS-1 LS-2	SHT-170	LIGHTING & CONDUCT PLAN	GUT	GUTTER	WTS	WATER TESTING STATION
L-2	SHT-39	PLAN AND PROFILE - HARRISON AVE	CR-17	SHT-105	CURB RAMP DETAILS - SCHOLAR WAY	LS-3	SHT-171	LIGHTING & CONDUCT PLAN	GB	GRADE BREAK		
L-3	SHT-40	PLAN AND PROFILE - HARRISON AVE	CR-19	SHT-106	CURB RAMP DETAILS — SCHOLAR WAY	LS-4	SHT-172	LIGHTING & CONDUCT PLAN	GP CV	GATE POST		
L-4	SHT-41	PLAN AND PROFILE - HARRISON AVE	CR-20	SHT-107	CURB RAMP DETAILS — SCHOLAR WAY	LS-5	SHT-173	LIGHTING & CONDUCT PLAN	GV HGL	GAS VALVE HYDRAULIC GRADE LINE		
L-5	SHT-42	PLAN AND PROFILE - HARRISON AVE	CR-21	SHT-108	CURB RAMP DETAILS — SCHOLAR WAY	LS-6	SHT-174	LIGHTING & CONDUCT PLAN	HP	HIGH POINT		
L-6	SHT-43	PLAN AND PROFILE — HARRISON AVE	CR-22	SHT-109	CURB RAMP DETAILS — SCHOLAR WAY	LS-7	SHT-175	LIGHTING & CONDUCT PLAN	HPG	HIGH PRESSURE GAS		( (
L-7	SHT-44	PLAN AND PROFILE — HARRISON AVE	CR-23	SHT-110	CURB RAMP DETAILS — SCHOLAR WAY	LS-8	SHT-176	LIGHTING & CONDUCT PLAN	INV	INVERT		7
L-8	SHT-45	PLAN AND PROFILE — HARRISON AVE	CR-24	SHT-111	CURB RAMP DETAILS — SCHOLAR WAY	LS-9	SHT-177	LIGHTING & CONDUCT PLAN	IRV	IRRIGATION VALVE		ſ
L-9	SHT-46	PLAN AND PROFILE — HARRISON AVE	CR-25	SHT-112	CURB RAMP DETAILS — SCHOLAR WAY	LS-10	SHT-178	LIGHTING & CONDUCT PLAN		LENGTH		
L-10	SHT-47	PLAN AND PROFILE — HARRISON AVE	CR-26	SHT-113	CURB RAMP DETAILS — SCHOLAR WAY				LD	LOCAL DEPRESSION		Ţ
L-11	SHT-48	PLAN AND PROFILE - HARRISON AVE	CR-27	SHT-114	CURB RAMP DETAILS — SCHOLAR WAY				LF	LINEAR FEET		(
L-12	SHT-49	PLAN AND PROFILE - HARRISON AVE	CR-28	SHT-115	CURB RAMP DETAILS - SCHOLAR WAY				LOL	LAYOUT LINE		
L-13	SHT-50	PLAN AND PROFILE - HARRISON AVE	CR-29	SHT-116	CURB RAMP DETAILS — SCHOLAR WAY				LP	LOW POINT		
L-14	SHT-51	PLAN AND PROFILE - HARRISON AVE	CR-30	SHT-117	CURB RAMP DETAILS — SCHOLAR WAY				LT	LEFT		
L-15	SHT-52	PLAN AND PROFILE - HARRISON AVE	CR-31	SHT-118	CURB RAMP DETAILS — SCHOLAR WAY				MAX	MAXIMUM		
L-16	SHT-53	PLAN AND PROFILE - HARRISON AVE	CR-32	SHT-119	CURB RAMP DETAILS - SCHOLAR WAY				MED	MEDIAN		
L-17	SHT-54	PLAN AND PROFILE - HARRISON AVE	CR-33	SHT-120	DRIVEWAY DETAILS - HARRISON AVE				МН	MANHOLE		L
L-18	SHT-55	PLAN AND PROFILE - HARRISON AVE	CR-34	SHT-121	DRIVEWAY DETAILS - SCHOLAR WAY				MIN	MINIMUM		Ş
L-19	SHT-56	PLAN AND PROFILE — HARRISON AVE	INT-1	SHT-122	INTERSECTION DETAIL				Ν	NORTH		
L-20	SHT-57	PLAN AND PROFILE — HARRISON AVE	INT-2	SHT-123	INTERSECTION DETAIL				NO.	NUMBER		l L
L-21	SHT-58	PLAN AND PROFILE — HARRISON AVE	INT-3	SHT-124	INTERSECTION DETAIL				O.C.	ON CENTER		i d
L-22	SHT-59	PLAN AND PROFILE - HARRISON AVE	INT-4	SHT-125	INTERSECTION DETAIL				OG	ORIGINAL GROUND		
L-23	SHT-60	PLAN AND PROFILE - HARRISON AVE	INT-5	SHT-126	INTERSECTION DETAIL				PC	PRECAST		ŕ -
L-24	SHT-61	PLAN AND PROFILE - HARRISON AVE	INT-6	SHT-127	INTERSECTION DETAIL				PCC	PORTLAND CEMENT CONCRETE		Ī.
L-25	SHT-62	PLAN AND PROFILE - HARRISON AVE	INT-7	SHT-128	INTERSECTION DETAIL				PI	POINT OF INTERSECTION		
L-26	SHT-63	PLAN AND PROFILE - SCHOLAR WAY	SS-1	SHT-129	SIGNING AND STRIPING				PRC	POINT OF REVERSE CURVE		- -
L-27	SHT-64	PLAN AND PROFILE - SCHOLAR WAY	SS-2	SHT-130	SIGNING AND STRIPING				PROP	PROPOSED		
L-28	SHT-65	PLAN AND PROFILE — SCHOLAR WAY	SS-3	SHT-131	SIGNING AND STRIPING				PS	PRESTRESSED		F C C C C C C C C C C C C C C C C C C C
	1.	NOTE.	<u> </u>							DENCHARD.	<b></b>	
	<u>1</u>   אף מור וו דו	NOTE:				CITY OF EASTVALE		DROFESSIONAL MARK		BENCHMARK:	CITY (	F EASTVALE $  T-2  _{1}^{6}$
		NUBK CUNTAINED MITHIN THESE DIVIS SIVII NOT						DROFESSIONAL MARK		RIVERSIDE BENCH MARK NO. M.L.		TENOTANEE   1 Z
		ORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT NOT ONLY OF A GRADING PERMIT HAS BEEN ISSUED.					DATE	PROFESSIONAL BE THOMA	S	RIVERSIDE BENCH MARK NO. M.L.  34-1-64A 3" ALUMINUM DISK IN THE TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE	BIKE NETWO	RK CONNECTIVITY SHEET NO.

DIAL BEFORE YOU DIG TOLL FREE A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY. IARK BY DATE YURHI CHOI, CITY ENGINEER DATE ENGR. CITY DATI ENGINEER REVISIONS





KYLE DANA

DATE: \_

R.C.E. NO.: C95292

TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE "T" INTERSECTION OF ORANGE ST. AND SUMNER AVE., 84.0 FT.E. AND 22.0 FT.S. OF THE CENTERLINE INTERSECTION OF SUMNER AVE. AND ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06 NGVD 29

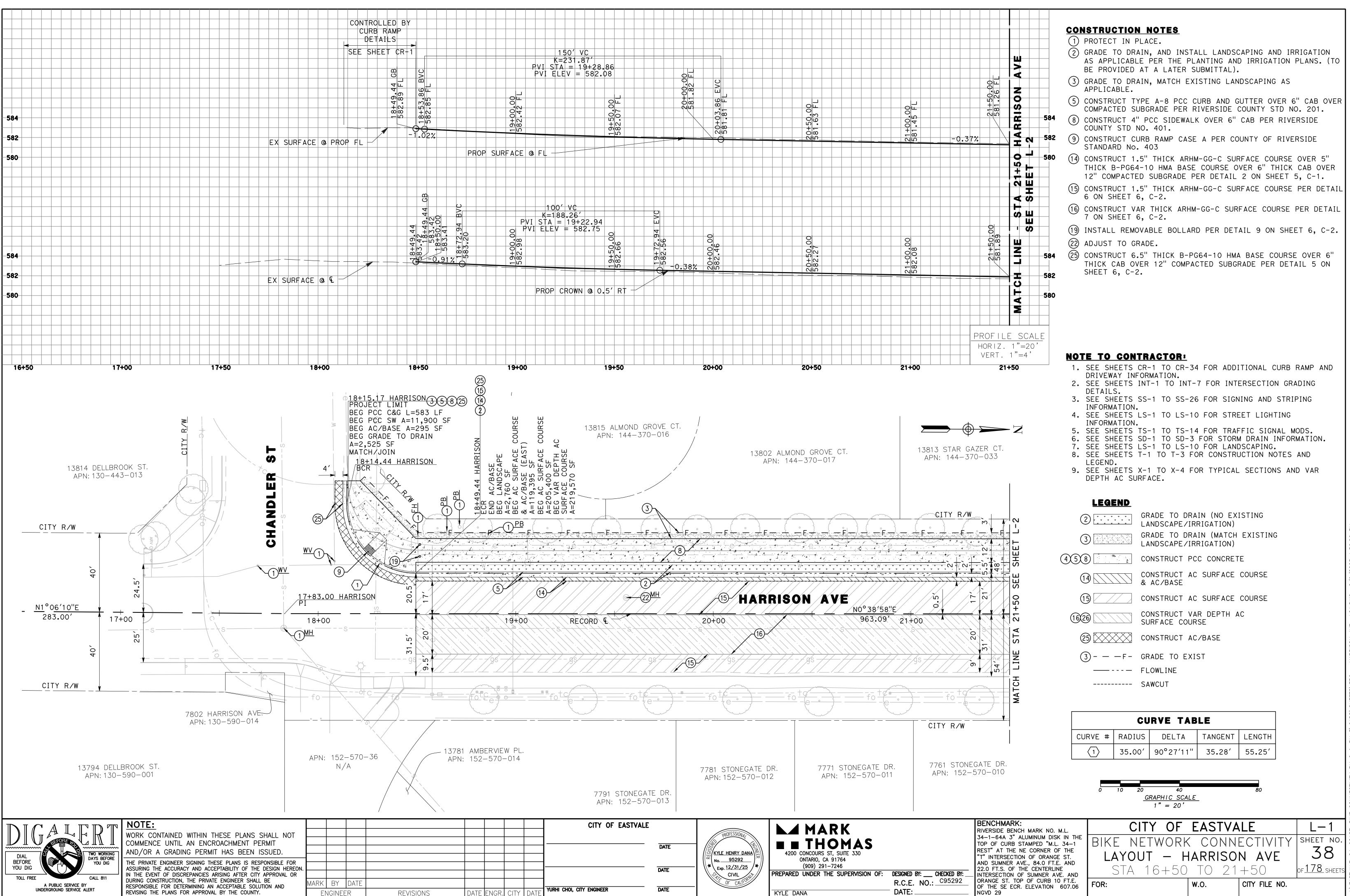
BIKE NE WORK CONNECTOR STAND AND SHEET INDEX AND SHEET INDEX AND ABBREVIATIONS

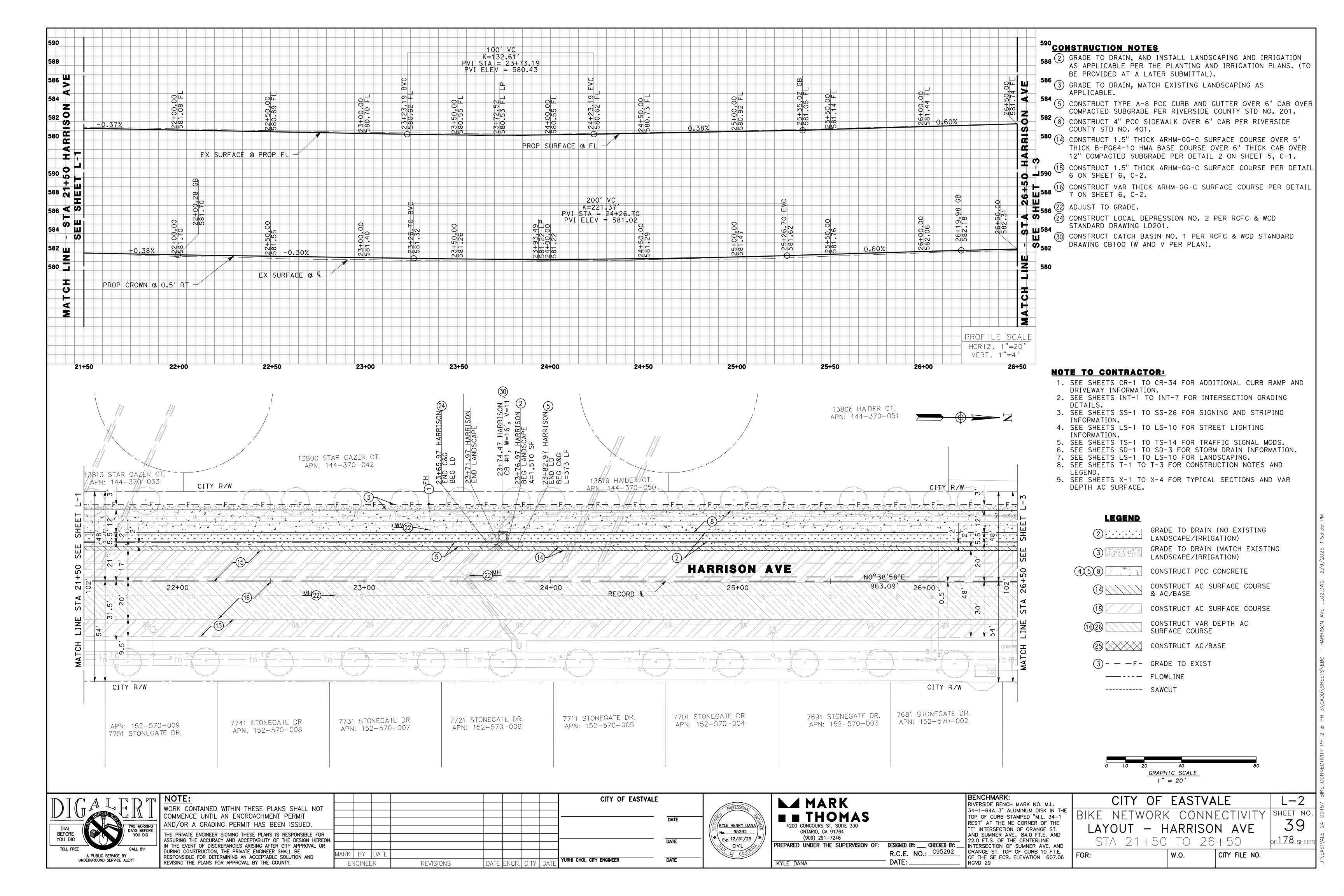
ABBREVIATIONS

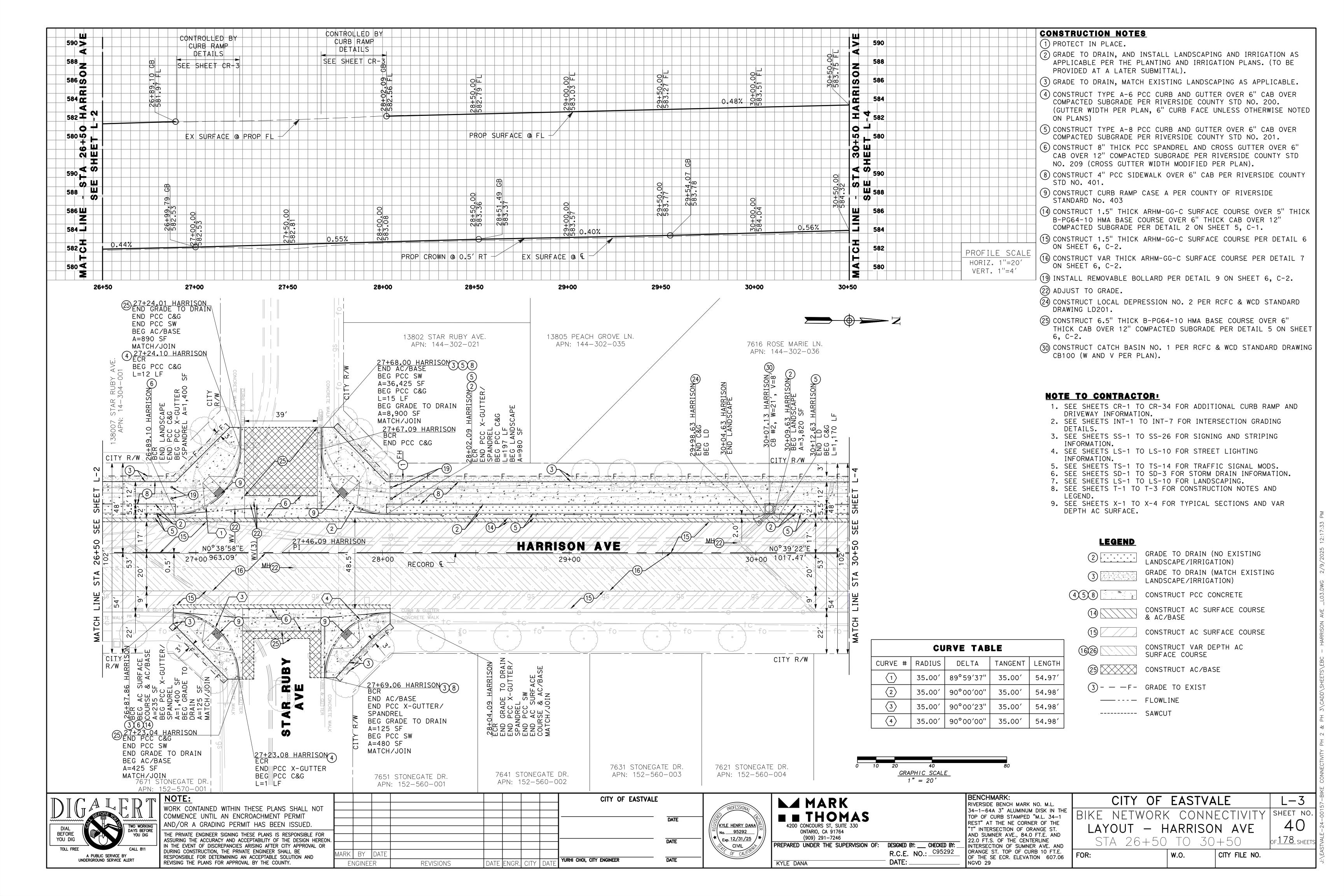
FOR:

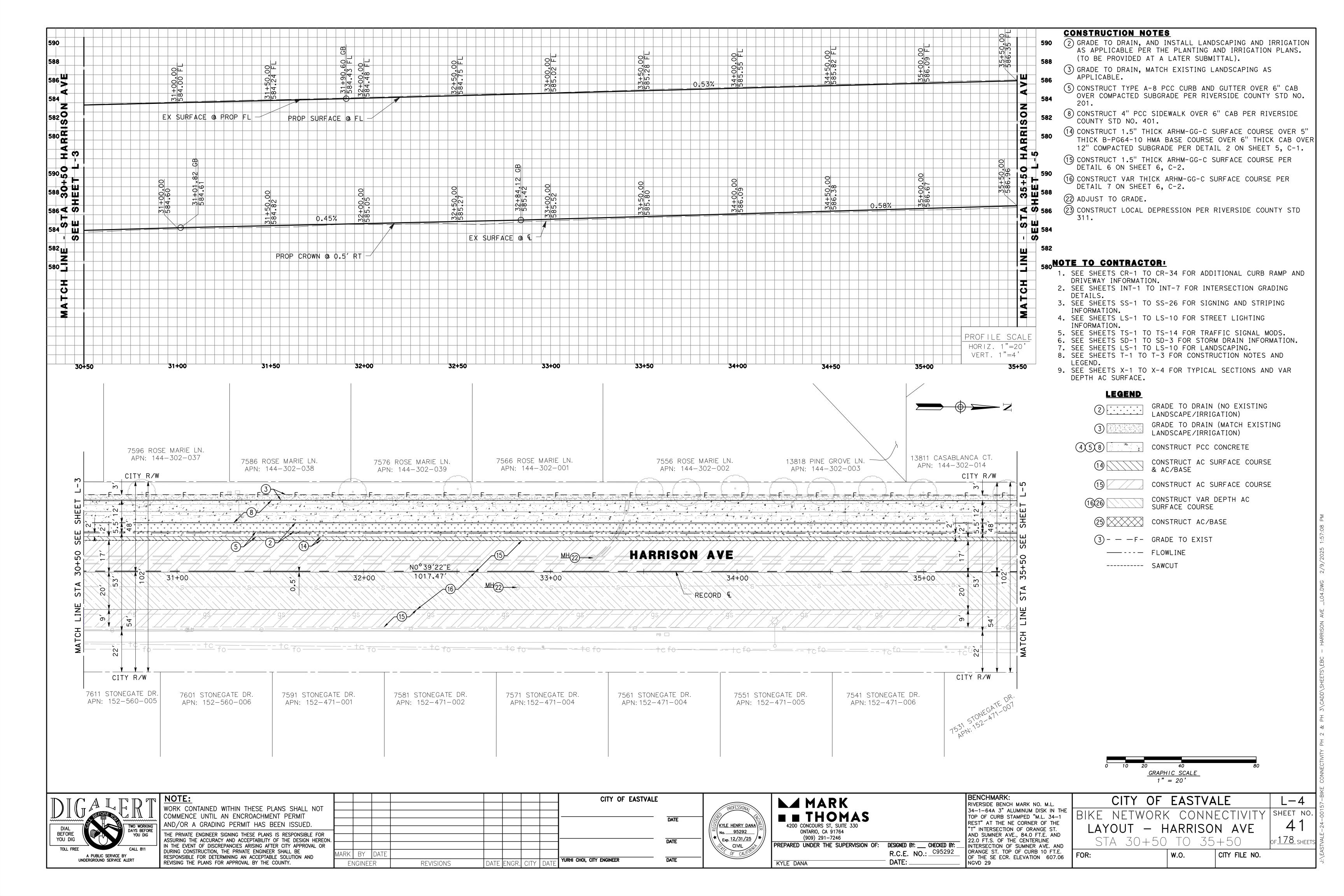
W.O. CITY FILE NO.

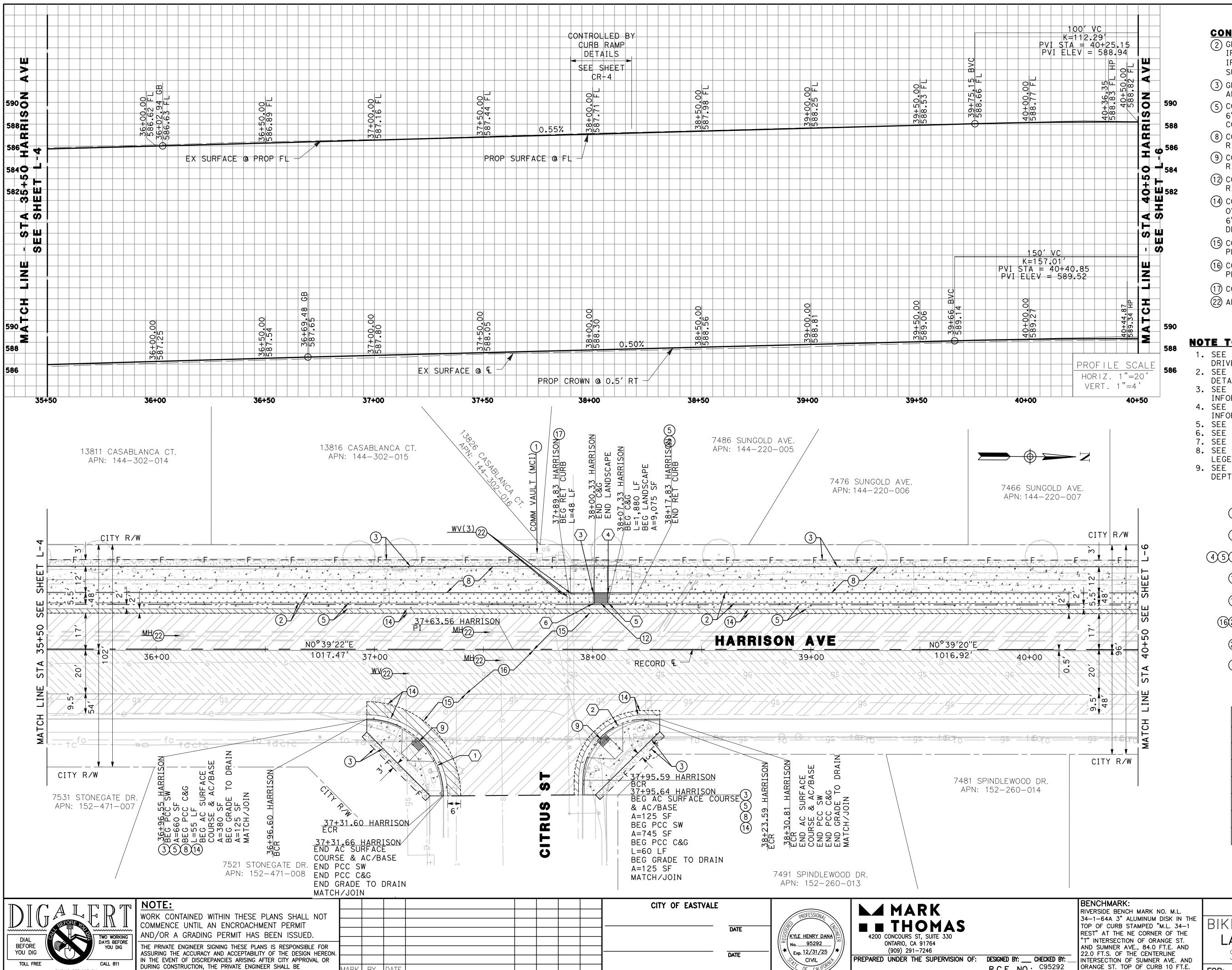
of <u>178</u> SHEETS











**CONSTRUCTION NOTES** 

- (2) GRADE TO DRAIN, AND INSTALL LANDSCAPING AND IRRIGATION AS APPLICABLE PER THE PLANTING AND IRRIGATION PLANS. (TO BE PROVIDED AT A LATER SUBMITTAL).
- (3) GRADE TO DRAIN, MATCH EXISTING LANDSCAPING AS APPLICABLE.
- (5) CONSTRUCT TYPE A-8 PCC CURB AND GUTTER OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 201.
- (8) CONSTRUCT 4" PCC SIDEWALK OVER 6" CAB PER RIVERSIDE COUNTY STD NO. 401.
- (9) CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD No. 403
- (12) CONSTRUCT CURB RAMP CASE D PER COUNTY OF RIVERSIDE STANDARD No. 403
- (14) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE OVER 5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 2 ON SHEET 5, C-1.
- (15) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE PER DETAIL 6 ON SHEET 6, C-2.
- (16) CONSTRUCT VAR THICK ARHM-GG-C SURFACE COURSE PER DETAIL 7 ON SHEET 6, C-2.
- (17) CONSTRUCT PCC RETAINING CURB.
- (22) ADJUST TO GRADE.

## NOTE TO CONTRACTOR:

- 1. SEE SHEETS CR-1 TO CR-34 FOR ADDITIONAL CURB RAMP AND DRIVEWAY INFORMATION.
- 2. SEE SHEETS INT-1 TO INT-7 FOR INTERSECTION GRADING DETAILS.
- 3. SEE SHEETS SS-1 TO SS-26 FOR SIGNING AND STRIPING INFORMATION.
- 4. SEE SHEETS LS-1 TO LS-10 FOR STREET LIGHTING
- INFORMATION. SEE SHEETS TS-1 TO TS-14 FOR TRAFFIC SIGNAL MODS.
- 6. SEE SHEETS SD-1 TO SD-3 FOR STORM DRAIN INFORMATION. 7. SEE SHEETS LS-1 TO LS-10 FOR LANDSCAPING.
- 8. SEE SHEETS T-1 TO T-3 FOR CONSTRUCTION NOTES AND
- 9. SEE SHEETS X-1 TO X-4 FOR TYPICAL SECTIONS AND VAR DEPTH AC SURFACE.

## **LEGEND**

- GRADE TO DRAIN (NO EXISTING LANDSCAPE/IRRIGATION)
- GRADE TO DRAIN (MATCH EXISTING LANDSCAPE/IRRIGATION)
- CONSTRUCT PCC CONCRETE
  - CONSTRUCT AC SURFACE COURSE & AC/BASE
  - CONSTRUCT AC SURFACE COURSE
  - CONSTRUCT VAR DEPTH AC SURFACE COURSE
  - 25 CONSTRUCT AC/BASE
  - (3) - F GRADE TO EXIST
    - ----- FLOWLINE ----- SAWCUT

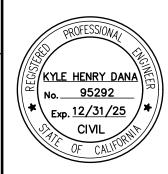
CURVE TABLE							
CURVE #	RADIUS	TANGENT	LENGTH				
1	35.00′	89°58′09"	34.98′	54.96′			
2	28.00′	90°01′49"	28.01′	44.00′			
3	1.00′	90°00′00"	1.00′	1.57′			
4	1.00′	90°00′00"	1.00′	1.57′			
5	2.00′	90°00′00"	2.00′	3.14′			
6	2.00′	90°00′00"	2.00′	3.14′			

1" = 20'

A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

arki by Idate YURHI CHOI, CITY ENGINEER | DATE | ENGR. | CITY | DAT ENGINEER REVISIONS



R.C.E. NO.: C95292 DATE: KYLE DANA

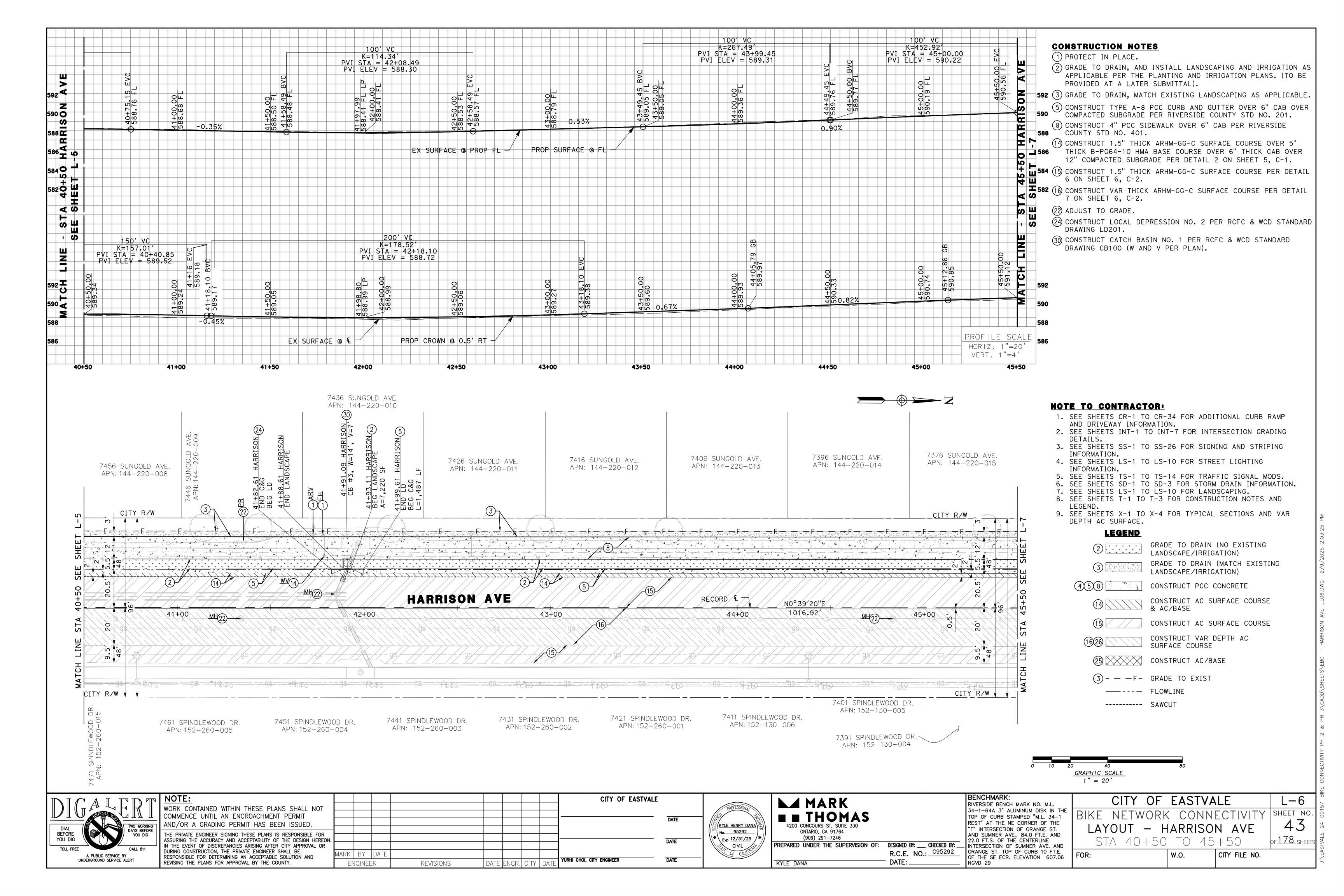
ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06

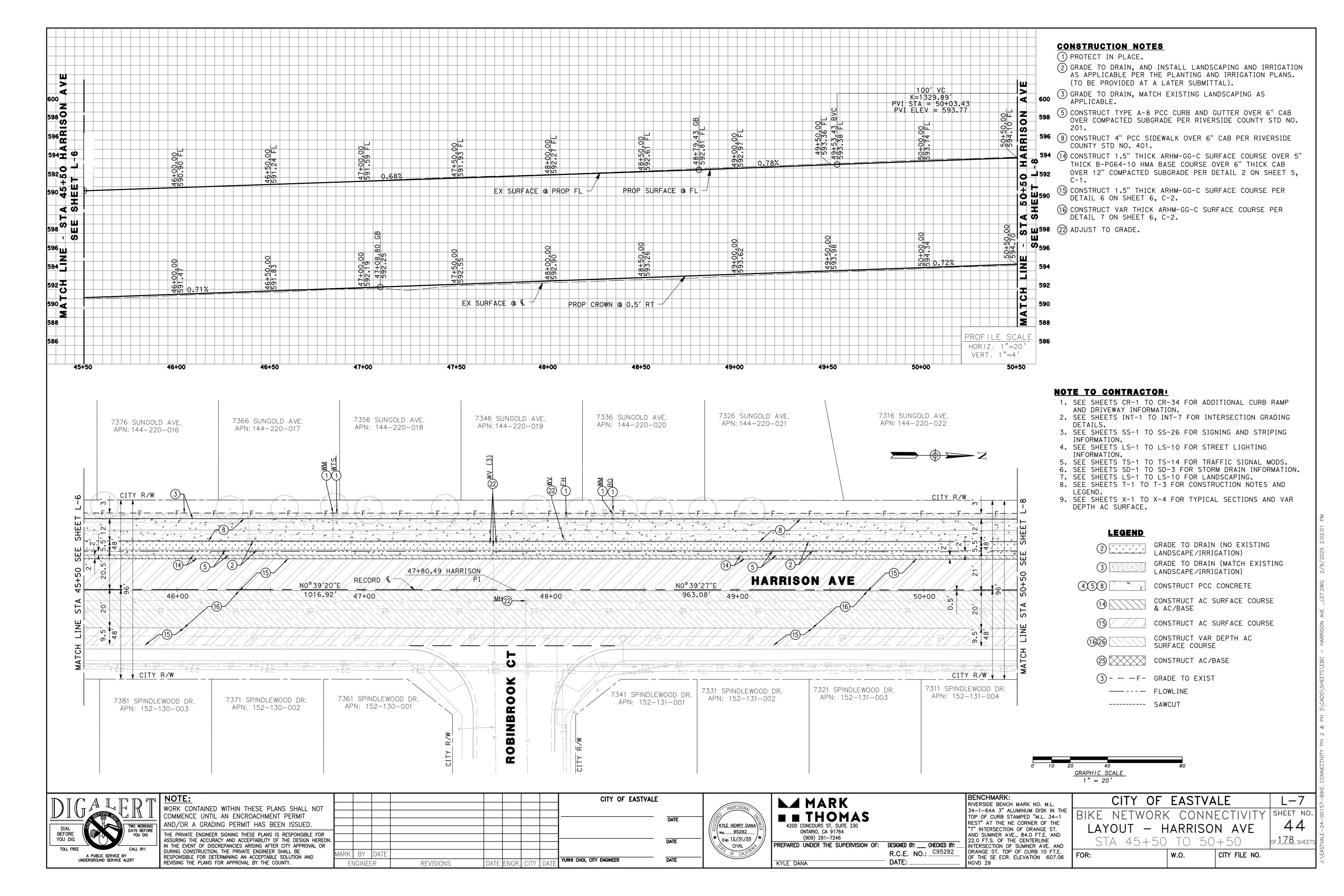
NGVD 29

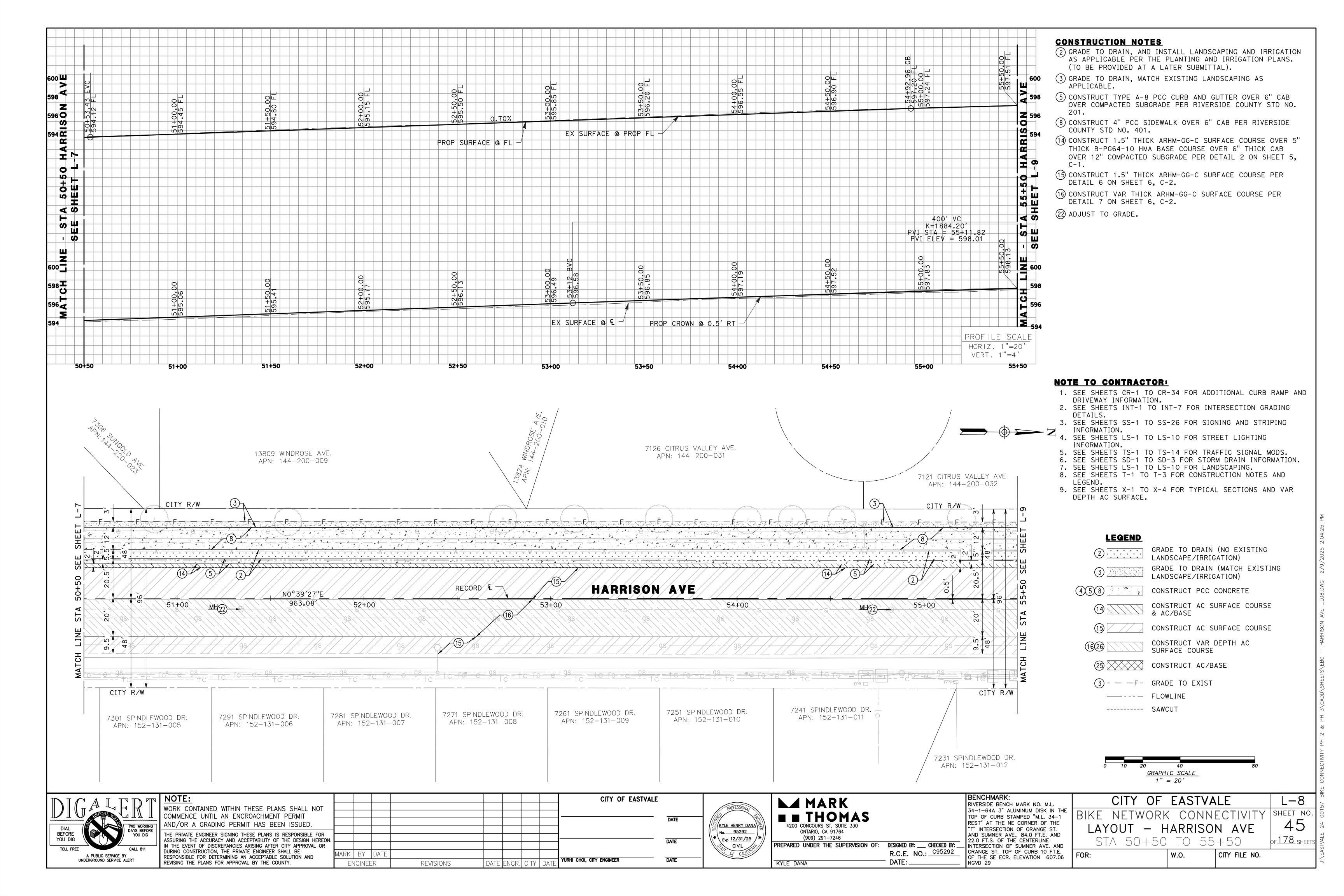
CITY OF EASTVALE NETWORK CONNECTIVITY LAYOUT - HARRISON AVE

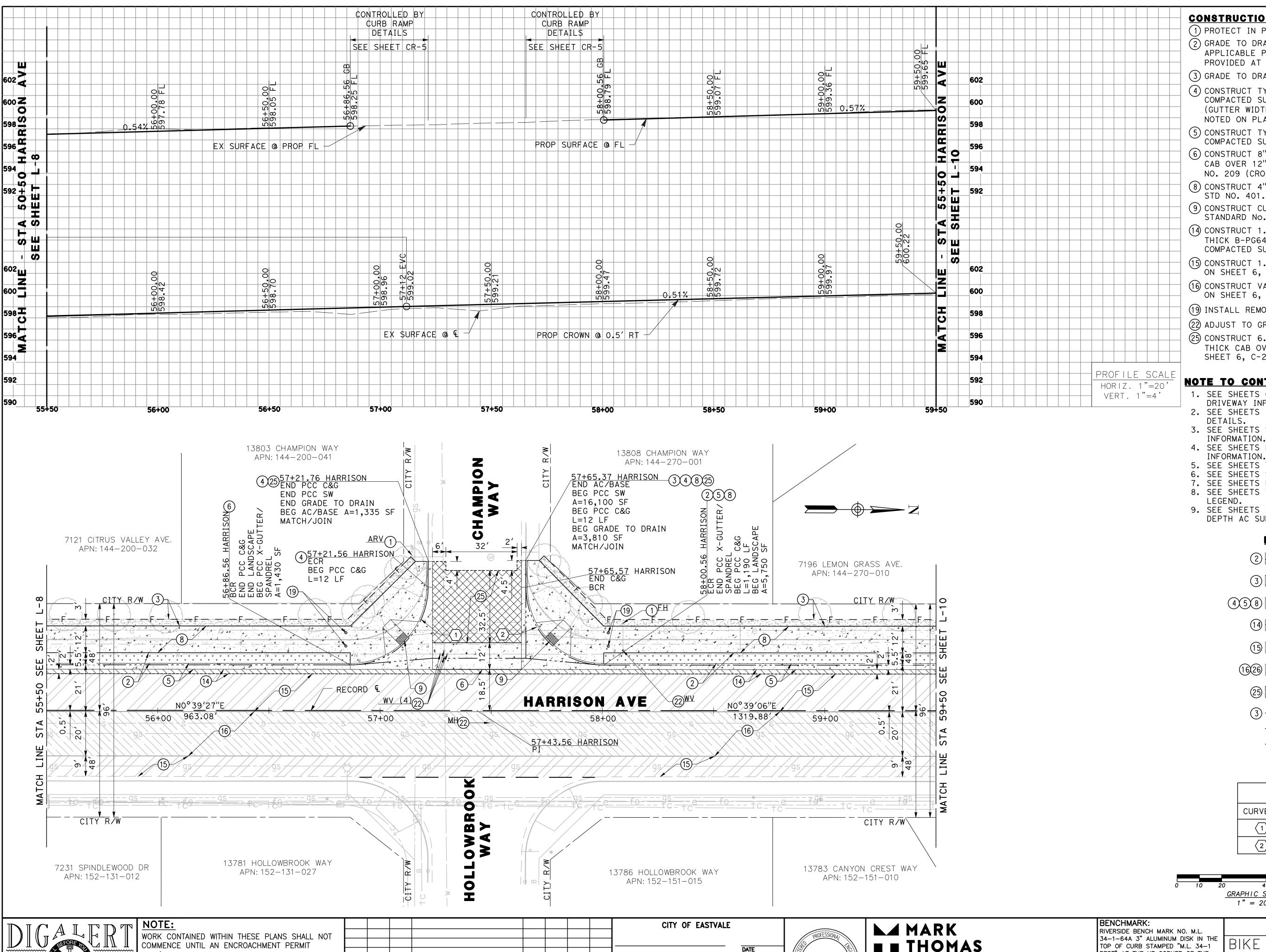
> CITY FILE NO. W.O.

L-5' SHEET NO of <u>178</u> sheet









CONSTRUCTION NOTES

(1) PROTECT IN PLACE.

(2) GRADE TO DRAIN, AND INSTALL LANDSCAPING AND IRRIGATION AS APPLICABLE PER THE PLANTING AND IRRIGATION PLANS. (TO BE PROVIDED AT A LATER SUBMITTAL).

(3) GRADE TO DRAIN, MATCH EXISTING LANDSCAPING AS APPLICABLE.

(4) CONSTRUCT TYPE A-6 PCC CURB AND GUTTER OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 200. (GUTTER WIDTH PER PLAN, 6" CURB FACE UNLESS OTHERWISE NOTED ON PLANS)

(5) CONSTRUCT TYPE A-8 PCC CURB AND GUTTER OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 201.

(6) CONSTRUCT 8" THICK PCC SPANDREL AND CROSS GUTTER OVER 6" CAB OVER 12" COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 209 (CROSS GUTTER WIDTH MODIFIED PER PLAN).

(8) CONSTRUCT 4" PCC SIDEWALK OVER 6" CAB PER RIVERSIDE COUNTY STD NO. 401.

(9) CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD No. 403

(14) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE OVER 5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 2 ON SHEET 5, C-1.

(15) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE PER DETAIL 6 ON SHEET 6, C-2.

(16) CONSTRUCT VAR THICK ARHM-GG-C SURFACE COURSE PER DETAIL ON SHEET 6, C-2.

(19) INSTALL REMOVABLE BOLLARD PER DETAIL 9 ON SHEET 6, C-2.

(22) ADJUST TO GRADE.

(25) CONSTRUCT 6.5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 5 ON SHEET 6, C-2.

### NOTE TO CONTRACTOR:

1. SEE SHEETS CR-1 TO CR-34 FOR ADDITIONAL CURB RAMP AND DRIVEWAY INFORMATION.

2. SEE SHEETS INT-1 TO INT-7 FOR INTERSECTION GRADING

3. SEE SHEETS SS-1 TO SS-26 FOR SIGNING AND STRIPING

4. SEE SHEETS LS-1 TO LS-10 FOR STREET LIGHTING

INFORMATION.

5. SEE SHEETS TS-1 TO TS-14 FOR TRAFFIC SIGNAL MODS. 6. SEE SHEETS SD-1 TO SD-3 FOR STORM DRAIN INFORMATION.

7. SEE SHEETS LS-1 TO LS-10 FOR LANDSCAPING. 8. SEE SHEETS T-1 TO T-3 FOR CONSTRUCTION NOTES AND

9. SEE SHEETS X-1 TO X-4 FOR TYPICAL SECTIONS AND VAR DEPTH AC SURFACE.

# **LEGEND**

② GRADE TO DRAIN (NO EXISTING LANDSCAPE/IRRIGATION)

GRADE TO DRAIN (MATCH EXISTING LANDSCAPE/IRRIGATION)

CONSTRUCT PCC CONCRETE

CONSTRUCT AC SURFACE COURSE & AC/BASE

CONSTRUCT AC SURFACE COURSE

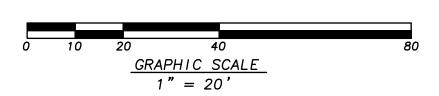
CONSTRUCT VAR DEPTH AC SURFACE COURSE

25 CONSTRUCT AC/BASE

(3) - - F - GRADE TO EXIST ——--- FLOWLINE

----- SAWCUT

CURVE TABLE									
CURVE #	RADIUS	DELTA	TANGENT	LENGTH					
1	35.00′	90°00′21"	35.00′	54.98′					
2	35.00′	90°00′00"	35.00′	54.98′					



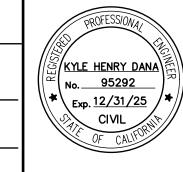
BEFORE YOU DIG A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR SSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON N THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

arki by Idate ENGINEER

YURHI CHOI, CITY ENGINEER | DATE | ENGR. | CITY | DAT REVISIONS



■ ■ THOMAS 4200 CONCOURS ST, SUITE 330 ONTARIO, CA 91764 (909) 291-7246

PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: \_\_\_ CHECKED BY: R.C.E. NO.: C95292 DATE: KYLE DANA

TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE "T" INTERSECTION OF ORANGE ST. AND SUMNER AVE., 84.0 FT.E. AND 22.0 FT.S. OF THE CENTERLINE INTERSECTION OF SUMNER AVE. AND ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06

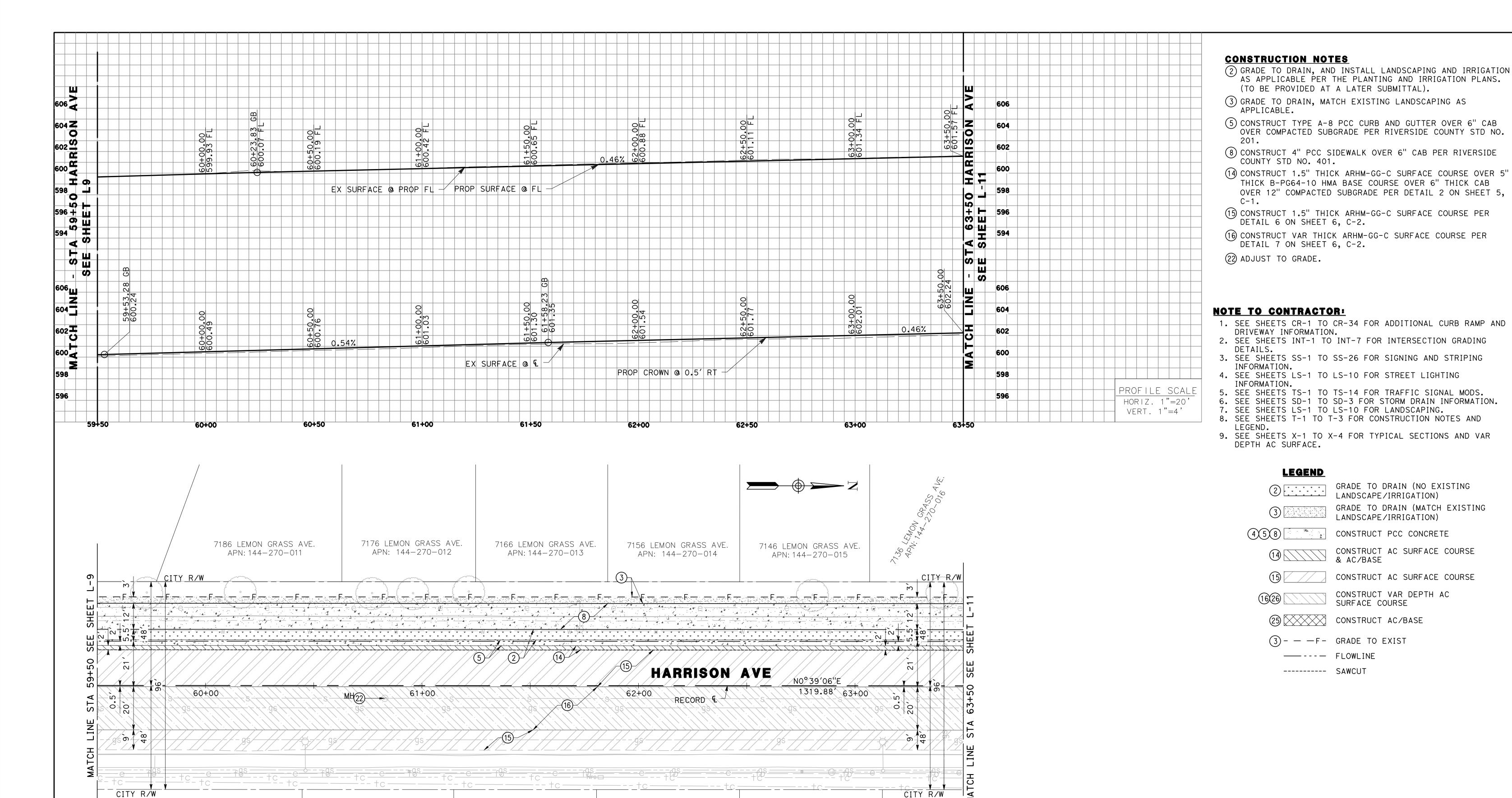
NGVD 29

CITY OF EASTVALE LAYOUT - HARRISON AVE

CITY FILE NO. W.O.

SHEET NO 46 of <u>178</u> sheet

L-9



7121 DEER CANYON

APN: 152-151-006

GRAPHIC SCALE 1" = 20'

**BEFORE** YOU DIG A PUBLIC SERVICE BY RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

7151 DEER CANYON

APN: 152-151-009

NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON. N THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

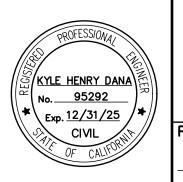
7141 DEER CANYON

APN: 152-151-008

CITY OF EASTVALE DATE ARK | BY |DATE YURHI CHOI, CITY ENGINEER ENGINEER REVISIONS | DATE | ENGR. | CITY | DAT

7131 DEER CANYON

APN: 152-151-007



7111 DEER CANYON

APN: 152-151-005

**► MARK** ■ ■ THOMAS ONTARIO, CA 91764 (909) 291-7246

7101 DEER CANYON

APN: 152-151-004

PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: \_\_\_ CHECKED BY: R.C.E. NO.: C95292 DATE: \_ KYLE DANA

**BENCHMARK:** RIVERSIDE BENCH MARK NO. M.L. 34-1-64A 3" ALUMINUM DISK IN THE TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE "T" INTERSECTION OF ORANGE ST.
AND SUMNER AVE., 84.0 FT.E. AND
22.0 FT.S. OF THE CENTERLINE
INTERSECTION OF SUMNER AVE. AND ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06

NGVD 29

CITY OF EASTVALE BIKE NETWORK CONNECTIVITY SHEET NO. LAYOUT - HARRISON AVE

STA 59+50 TO 63+50 W.O.

CITY FILE NO.

GRADE TO DRAIN (MATCH EXISTING

CONSTRUCT AC SURFACE COURSE

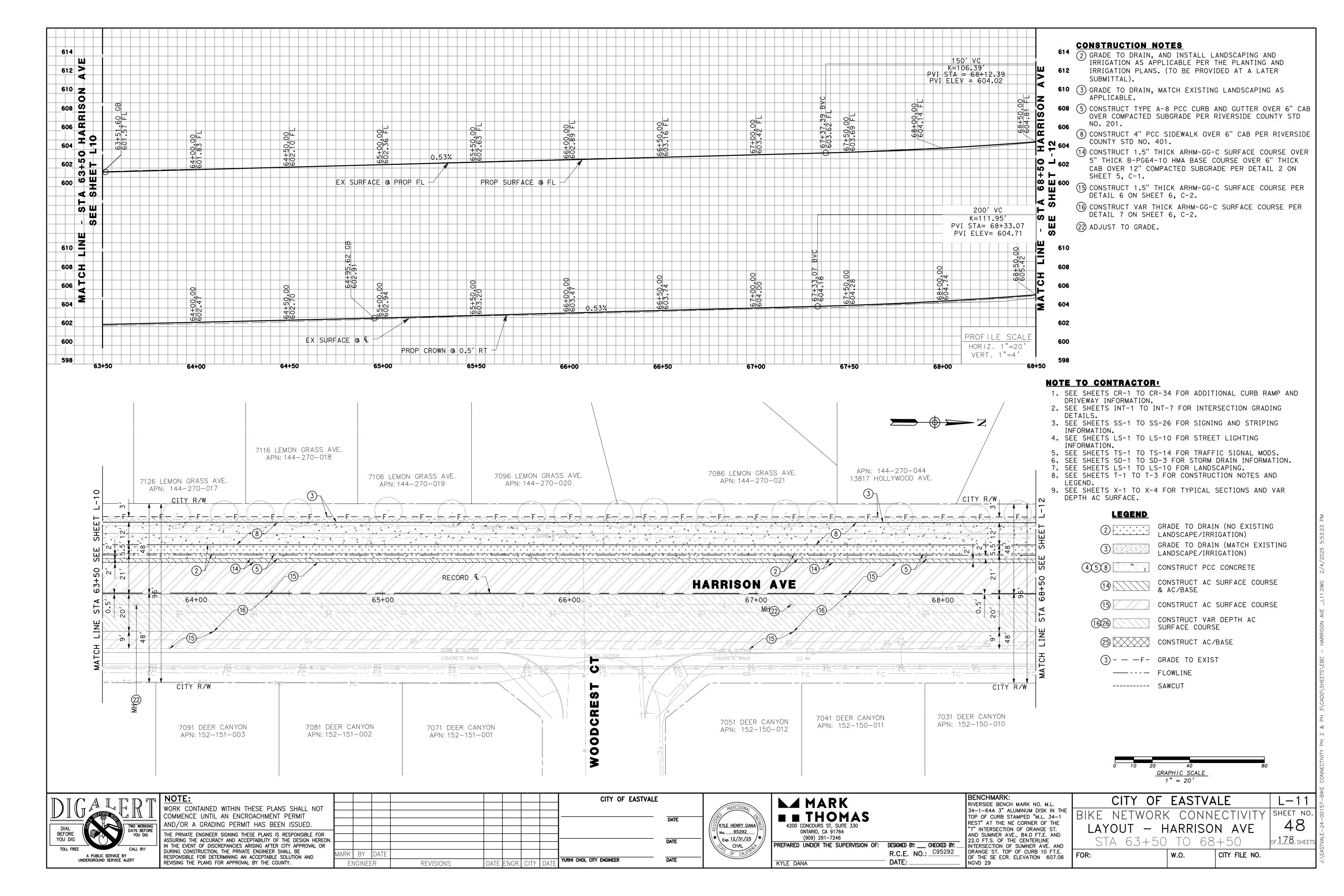
LANDSCAPE/IRRIGATION)

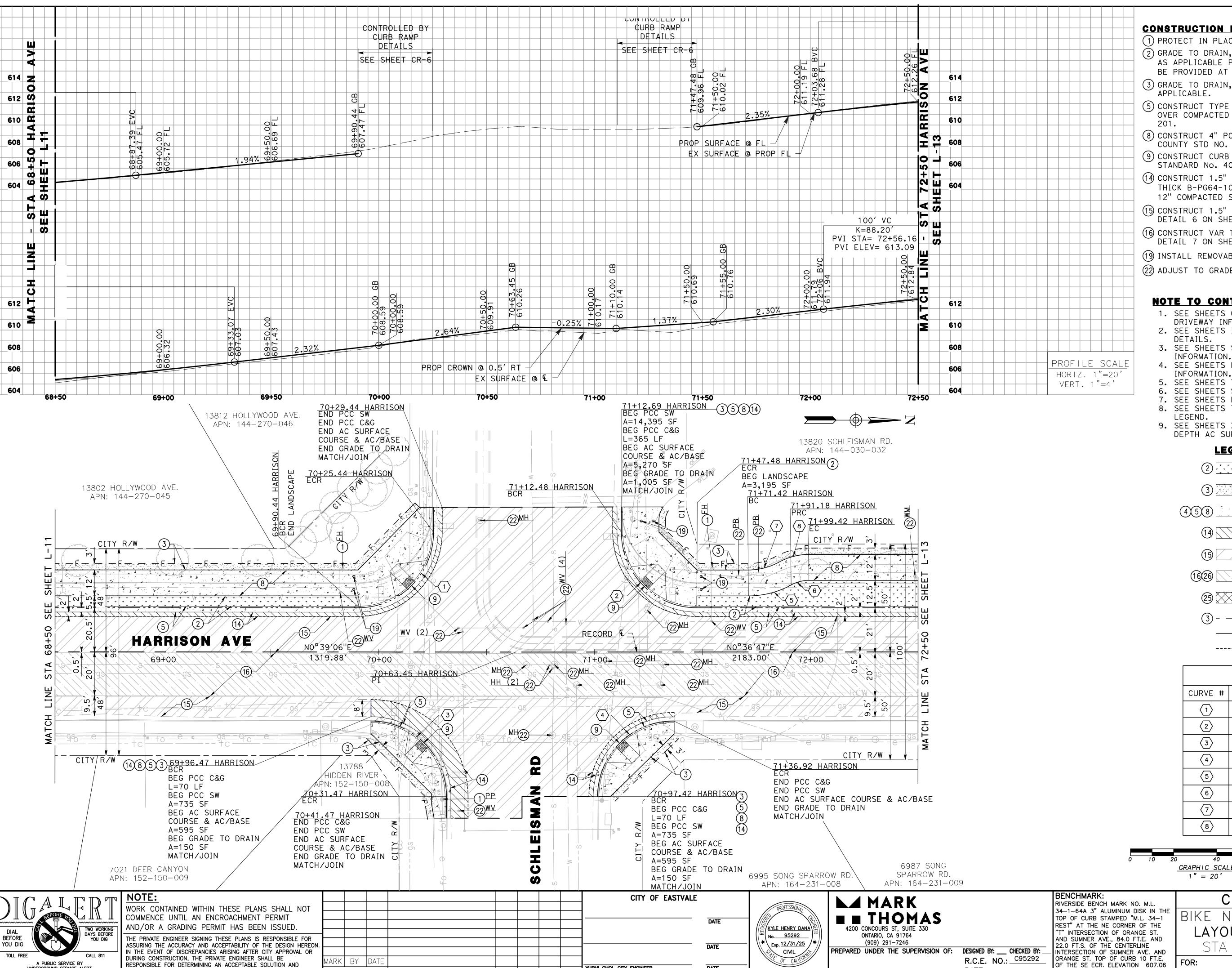
CONSTRUCT PCC CONCRETE

CONSTRUCT VAR DEPTH AC

SURFACE COURSE

L - 1047 OF <u>178</u> SHEETS





YURHI CHOI, CITY ENGINEER

| DATE | ENGR. | CITY | DAT

UNDERGROUND SERVICE ALERT

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

ENGINEER

REVISIONS

## CONSTRUCTION NOTES

- (1) PROTECT IN PLACE.
- (2) GRADE TO DRAIN, AND INSTALL LANDSCAPING AND IRRIGATION AS APPLICABLE PER THE PLANTING AND IRRIGATION PLANS. (TO BE PROVIDED AT A LATER SUBMITTAL).
- 3 GRADE TO DRAIN, MATCH EXISTING LANDSCAPING AS APPLICABLE.
- 5 CONSTRUCT TYPE A-8 PCC CURB AND GUTTER OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO.
- (8) CONSTRUCT 4" PCC SIDEWALK OVER 6" CAB PER RIVERSIDE COUNTY STD NO. 401.
- (9) CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD No. 403
- (14) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE OVER 5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 2 ON SHEET 5, C-1.
- (15) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE PER DETAIL 6 ON SHEET 6, C-2.
- (16) CONSTRUCT VAR THICK ARHM-GG-C SURFACE COURSE PER DETAIL 7 ON SHEET 6, C-2.
- (19) INSTALL REMOVABLE BOLLARD PER DETAIL 9 ON SHEET 6, C-2.
- 22 ADJUST TO GRADE.

## **NOTE TO CONTRACTOR:**

- 1. SEE SHEETS CR-1 TO CR-34 FOR ADDITIONAL CURB RAMP AND DRIVEWAY INFORMATION.
- 2. SEE SHEETS INT-1 TO INT-7 FOR INTERSECTION GRADING DETAILS.
- 3. SEE SHEETS SS-1 TO SS-26 FOR SIGNING AND STRIPING
- 4. SEE SHEETS LS-1 TO LS-10 FOR STREET LIGHTING INFORMATION.
- 5. SEE SHEETS TS-1 TO TS-14 FOR TRAFFIC SIGNAL MODS. 6. SEE SHEETS SD-1 TO SD-3 FOR STORM DRAIN INFORMATION.
- 7. SEE SHEETS LS-1 TO LS-10 FOR LANDSCAPING.
- 8. SEE SHEETS T-1 TO T-3 FOR CONSTRUCTION NOTES AND
- 9. SEE SHEETS X-1 TO X-4 FOR TYPICAL SECTIONS AND VAR DEPTH AC SURFACE.

## **LEGEND**

- 2 GRADE TO DRAIN (NO EXISTING LANDSCAPE/IRRIGATION)
- GRADE TO DRAIN (MATCH EXISTING LANDSCAPE/IRRIGATION)
- 458 CONSTRUCT PCC CONCRETE
- CONSTRUCT AC SURFACE COURSE
- & AC/BASE
- CONSTRUCT AC SURFACE COURSE
- CONSTRUCT VAR DEPTH AC SURFACE COURSE
- (25) CONSTRUCT AC/BASE
- (3) - F GRADE TO EXIST
- ——--- FLOWLINE
- ----- SAWCUT

CURVE TABLE									
CURVE #	RADIUS	DELTA	TANGENT	LENGTH					
1	35.00′	90°00′11"	35.00′	54.98′					
2	35.00′	90°02′08"	35.02′	55.00′					
3	35.00′	89°58′57"	34.99′	54.97′					
4	35.00′	89°58′44"	34.99′	54.96′					
5	41.14′	28°42′51"	10.53′	20.62′					
6	17.14′	28°42′51"	4.39′	8.59′					
7	29.14′	28°42′51"	7.46′	14.60′					
8	29.14′	28°42′51"	7.46′	14.60′					

GRAPHIC SCALE 1" = 20'

DATE:

NGVD 29

KYLE DANA

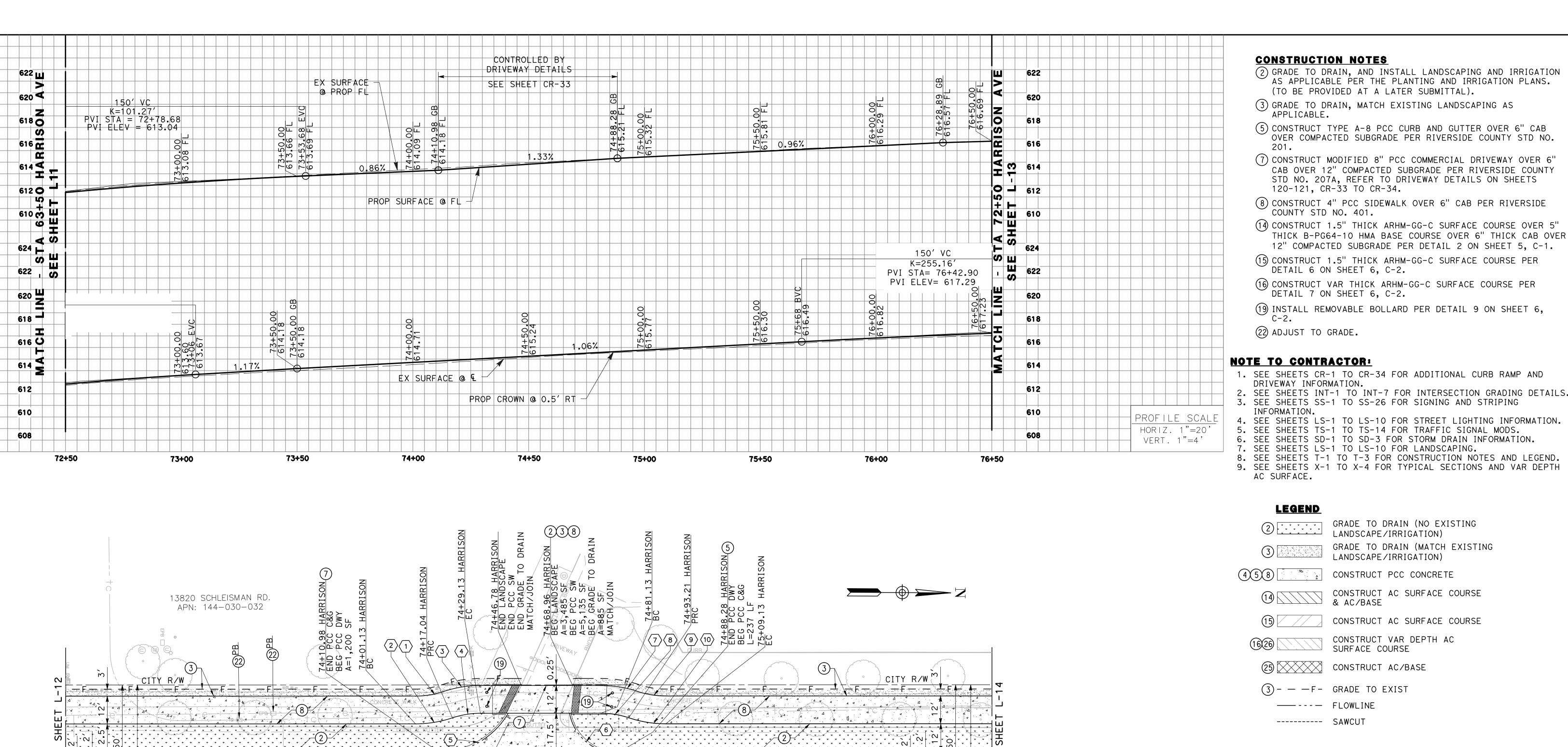
CITY OF EASTVALE NETWORK CONNECTIVITY LAYOUT - HARRISON AVE

W.O.

CITY FILE NO.

L-12SHEET NO of <u>178</u> sheets

49



CURVE TABLE							
CURVE #	RADIUS	DELTA	TANGENT	LENGTH			
1	37.91′	18°35′29"	6.21′	12.30′			
2	49.91′	18°35′29"	8.17′	16.20′			
3	49.91′	18°35′29"	8.17′	16.20′			
4	37.91′	18°35′29"	6.21′	12.30′			
(5)	35.00′	59°31′35"	20.01′	36.36′			
<b>6</b>	21.00′	79°42′48"	17.53′	29.22′			
7	49.91′	18°35′29"	8.17′	16.20′			
8	37.91′	18°35′29"	6.21′	12.30′			
9	37.91′	18°35′29"	6.21′	12.30′			
(10)	49.91′	18°35′29"	8.17′	16.20′			

**►** MARK THOMAS
4200 CONCOURS ST, SUITE 330 KYLE HENRY DANA ONTARIO, CA 91764 (909) 291-7246 k Exp. 12/31/25 PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: \_\_\_ CHECKED BY:

R.C.E. NO.: C95292

DATE:

**BENCHMARK:** RIVERSIDE BENCH MARK NO. M.L. 34-1-64A 3" ALUMINUM DISK IN THE TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE "T" INTERSECTION OF ORANGE ST.
AND SUMNER AVE., 84.0 FT.E. AND
22.0 FT.S. OF THE CENTERLINE
INTERSECTION OF SUMNER AVE. AND ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06

NGVD 29

LAYOUT - HARRISON AVE

W.O.

AS APPLICABLE PER THE PLANTING AND IRRIGATION PLANS.

OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO.

CAB OVER 12" COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 207A, REFER TO DRIVEWAY DETAILS ON SHEETS

THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER

12" COMPACTED SUBGRADE PER DETAIL 2 ON SHEET 5, C-1.

GRADE TO DRAIN (NO EXISTING

CONSTRUCT AC SURFACE COURSE

CONSTRUCT AC SURFACE COURSE

GRADE TO DRAIN (MATCH EXISTING

LANDSCAPE/IRRIGATION)

LANDSCAPE/IRRIGATION)

CONSTRUCT PCC CONCRETE

CONSTRUCT VAR DEPTH AC

SURFACE COURSE

----- FLOWLINE

----- SAWCUT

(TO BE PROVIDED AT A LATER SUBMITTAL).

APPLICABLE.

C-2.

**LEGEND** 

120-121, CR-33 TO CR-34.

DETAIL 6 ON SHEET 6, C-2.

DETAIL 7 ON SHEET 6, C-2.

COUNTY STD NO. 401.

CITY OF EASTVALE L-13SHEET NO 50 of <u>178</u> sheets CITY FILE NO.

MH HARRISON AVE NO° 36′47"[ 73+00 2183.00 75+00 76+00 0 0 CITY R/W CITY R/W\_ v 6987 SONG SPARROW RD. 6947 SONG SPARROW RD. 6963 SONG SPARROW RD. 6955 SONG SPARROW RD. 6971 SONG SPARROW RD. 6979 SONG SPARROW RD. APN: APN: 164-231-014 APN: 164-231-013 APN: 164-231-012 APN: 164-231-011 APN: 164-231-010 GRAPHIC SCALE

1" = 20' 164-231-009

WORK CONTAINED WITHIN THESE PLANS SHALL NOT

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR

N THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR

SSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON

ARK | BY |DATE

ENGINEER

REVISIONS

COMMENCE UNTIL AN ENCROACHMENT PERMIT

DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

BEFORE

YOU DIG

A PUBLIC SERVICE BY

UNDERGROUND SERVICE ALERT

AND/OR A GRADING PERMIT HAS BEEN ISSUED

CITY OF EASTVALE

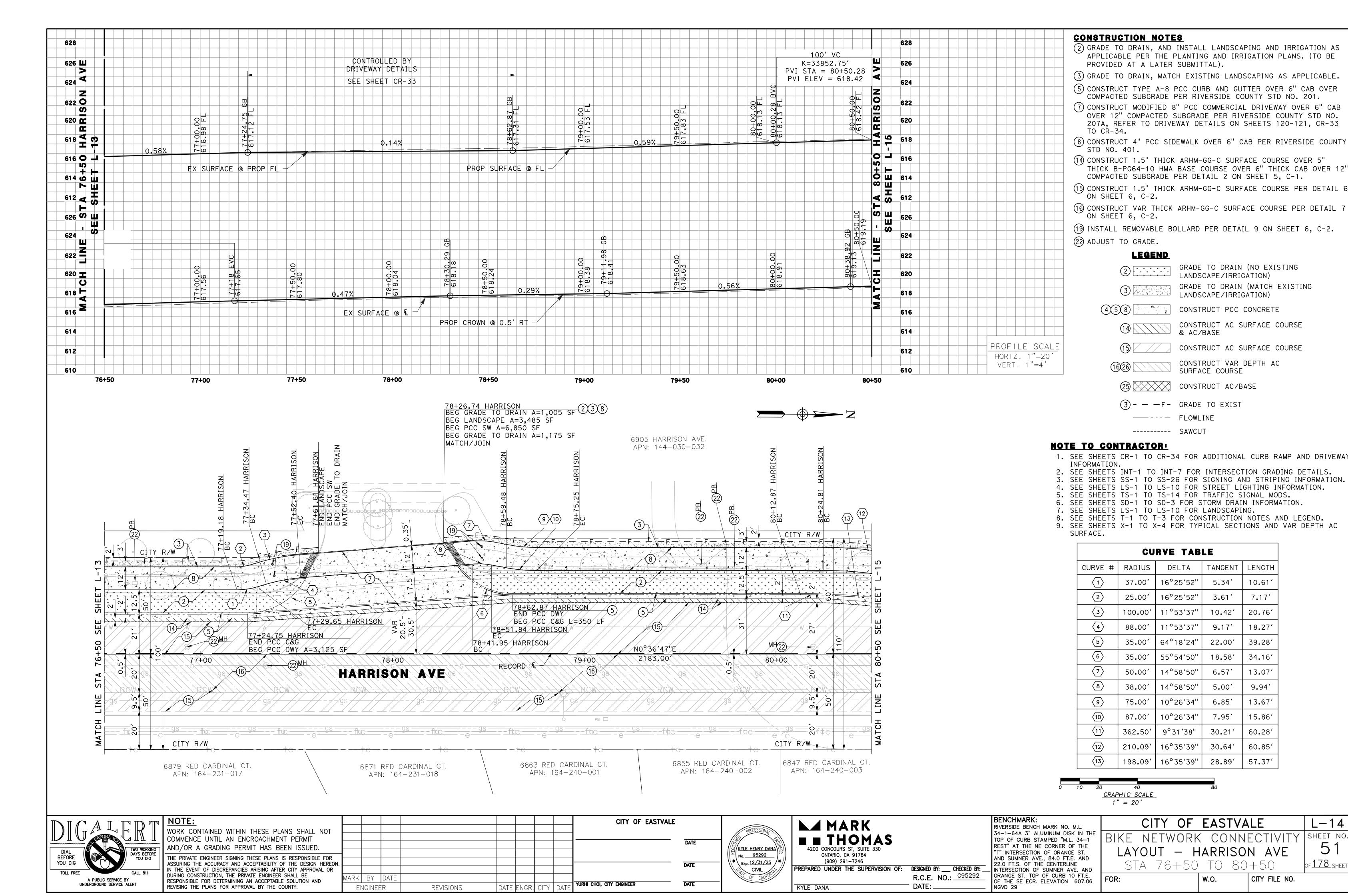
YURHI CHOI, CITY ENGINEER

DATE

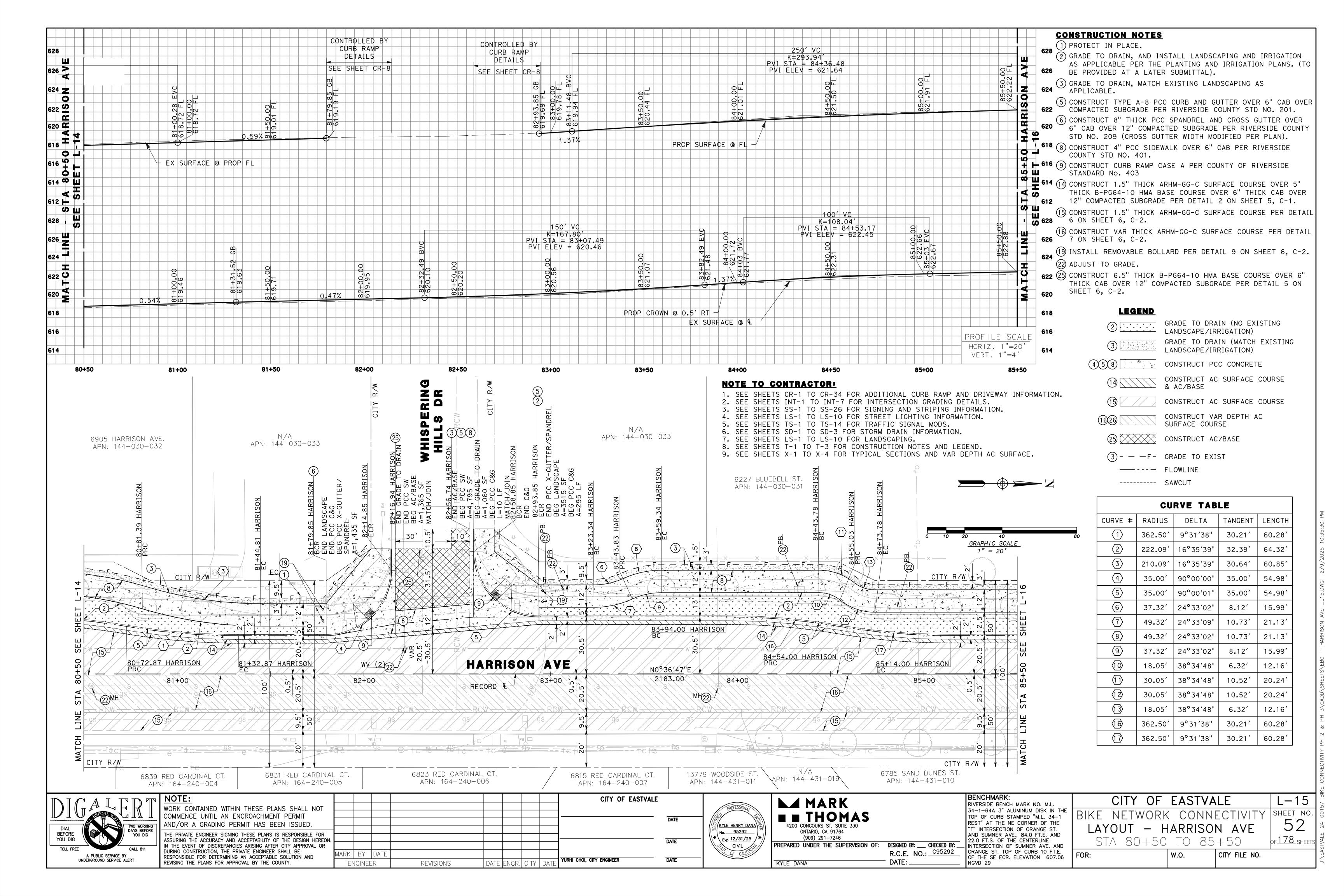
No. 95292

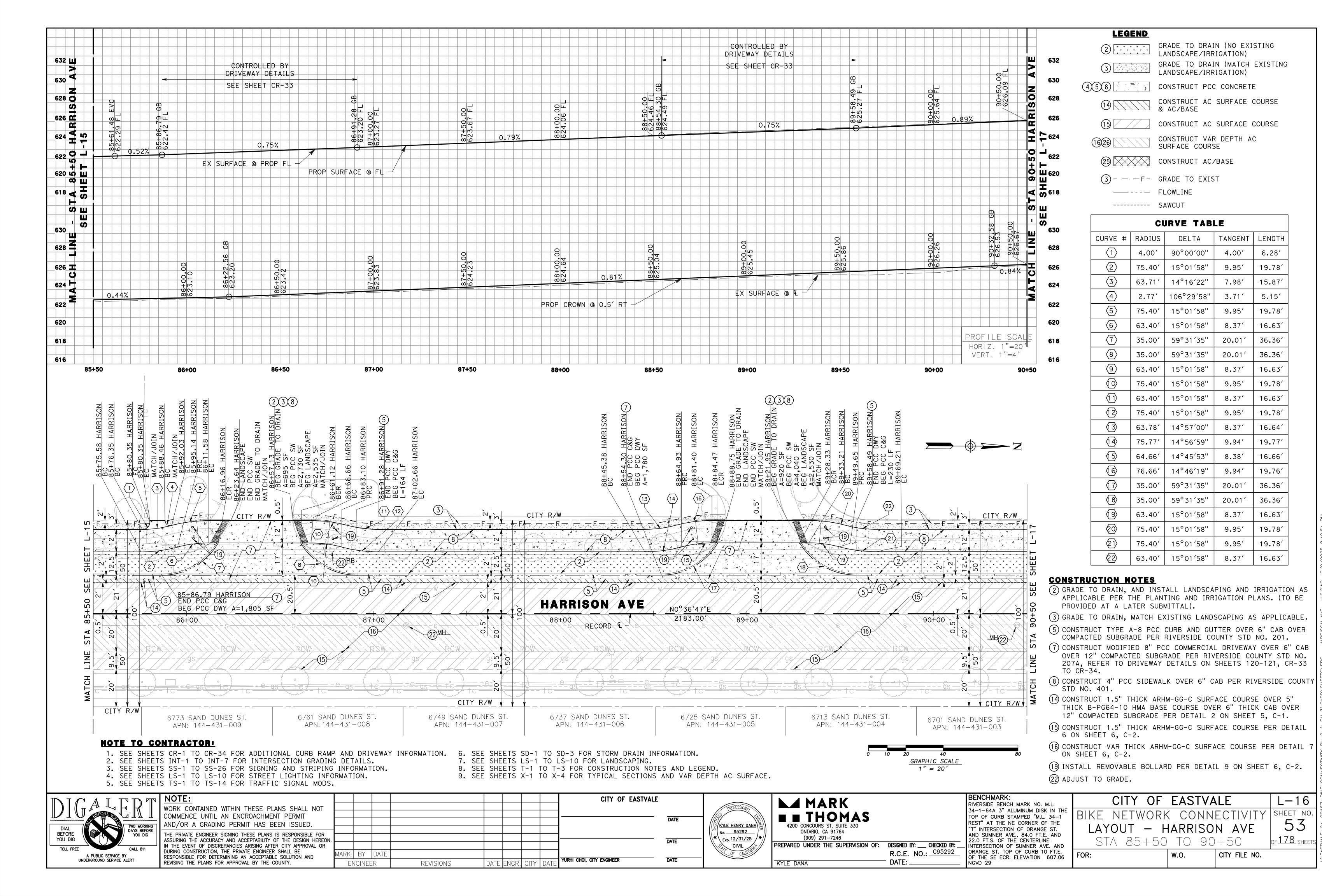
CIVIL

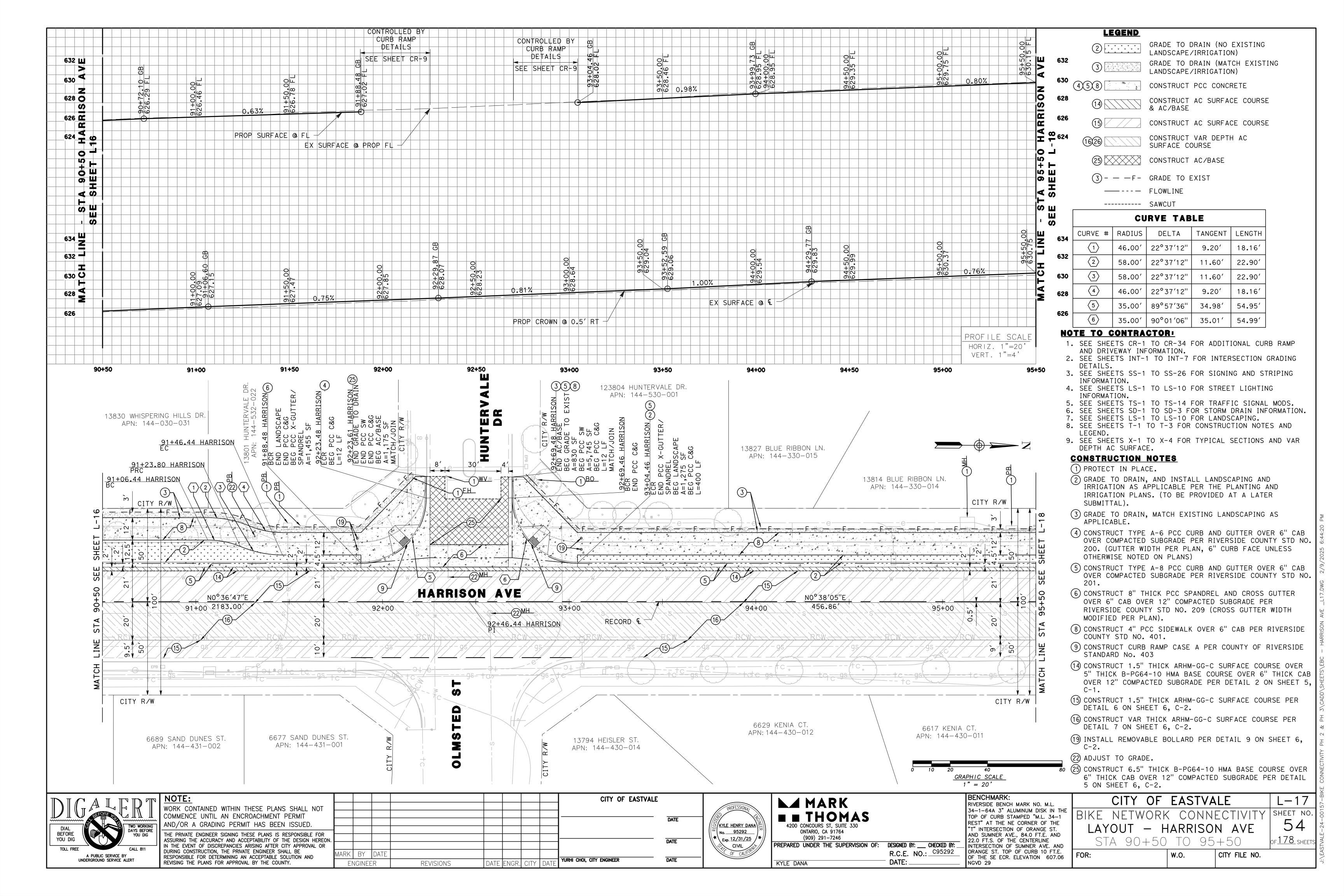
KYLE DANA

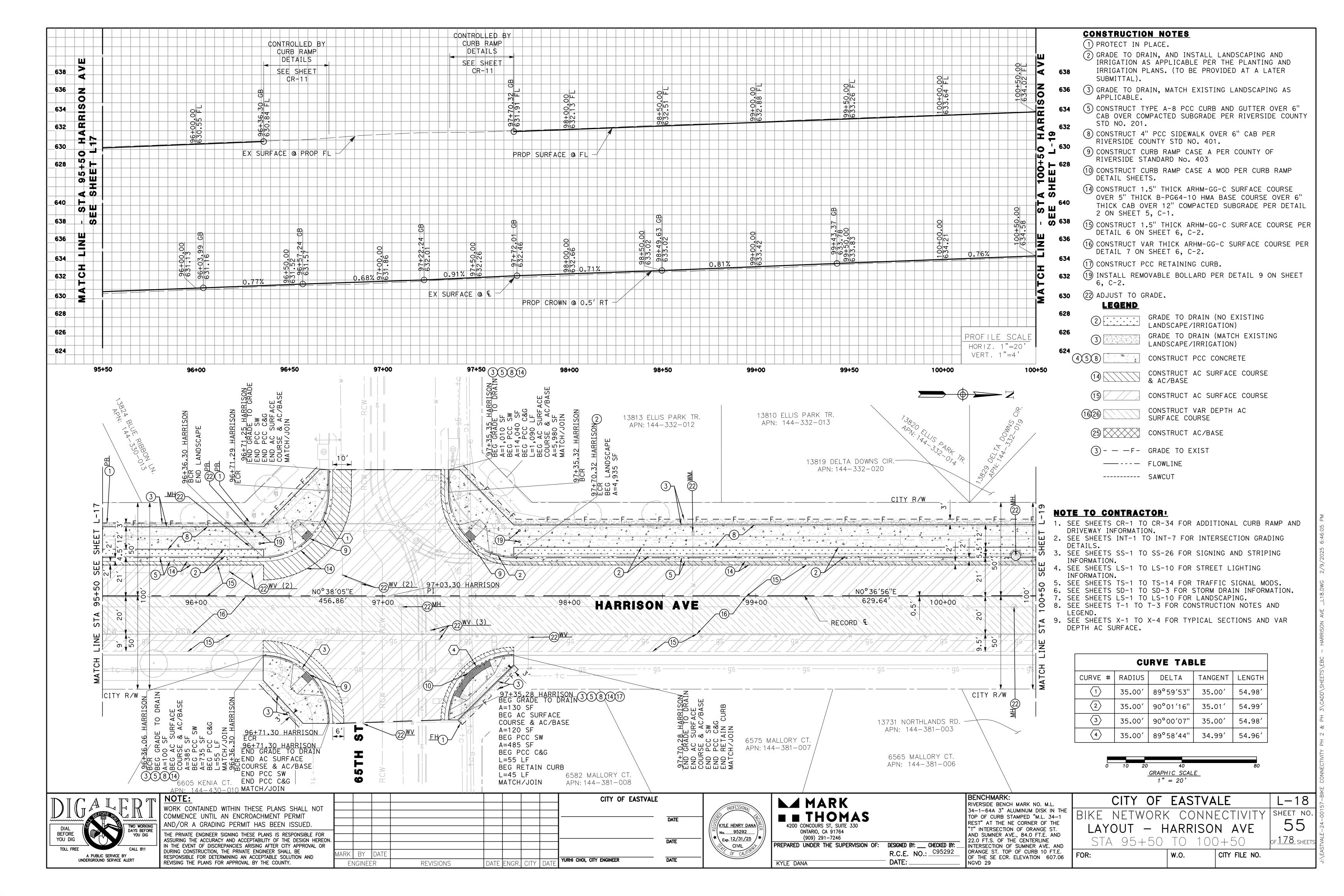


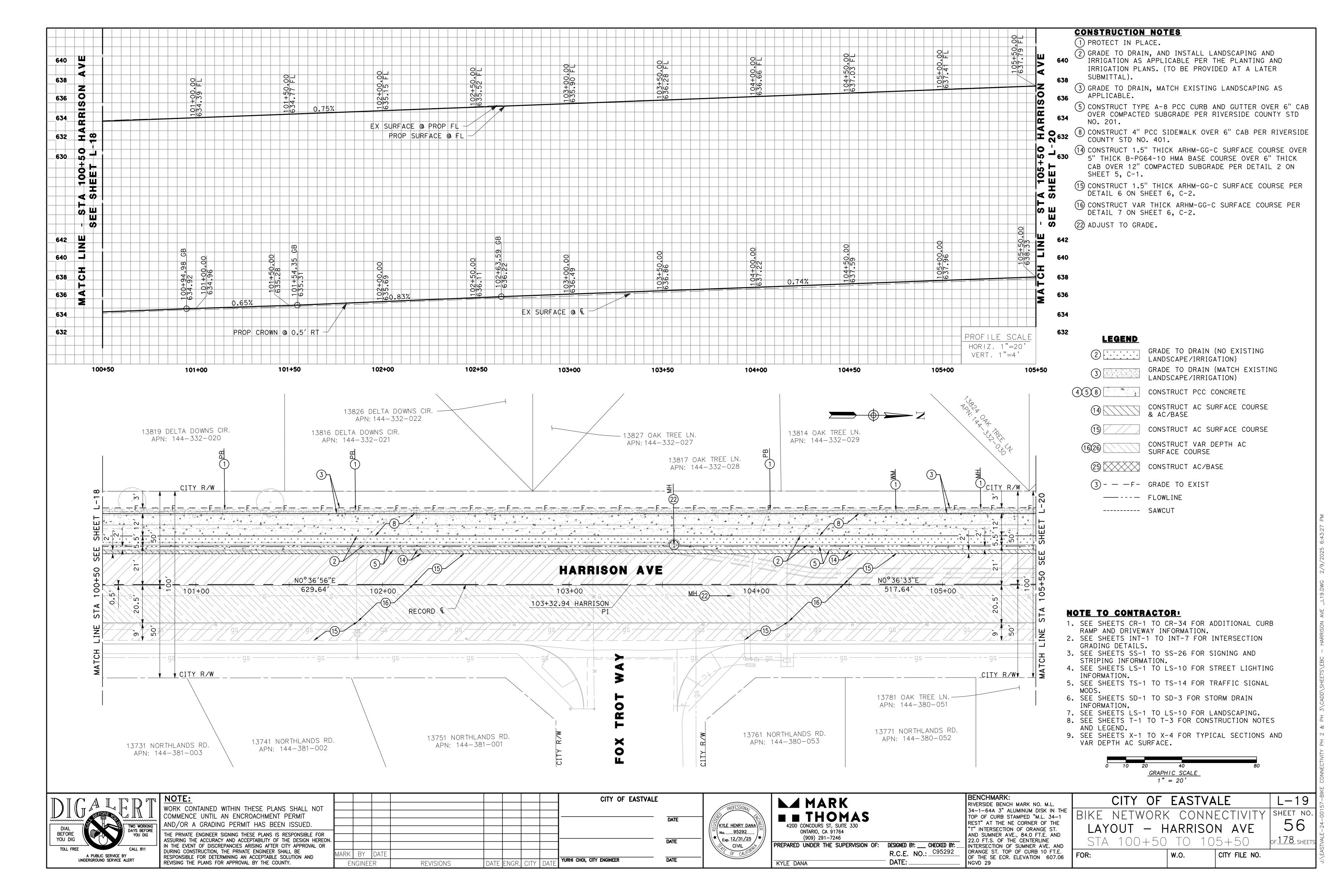
):\eastvale-24-00157-bike connectivity ph 2 & ph 3\cadd\sheets\ebc - harrison av

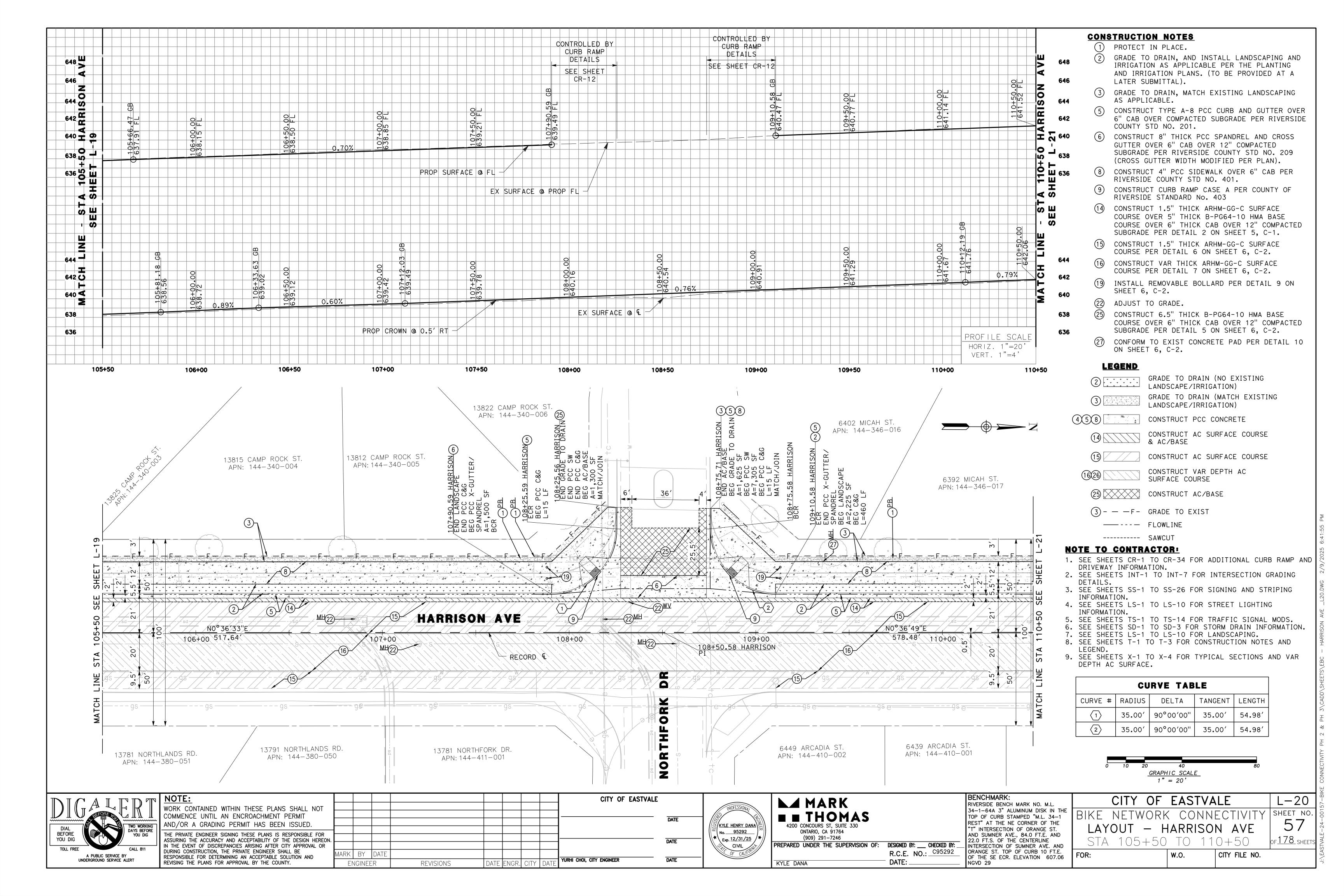


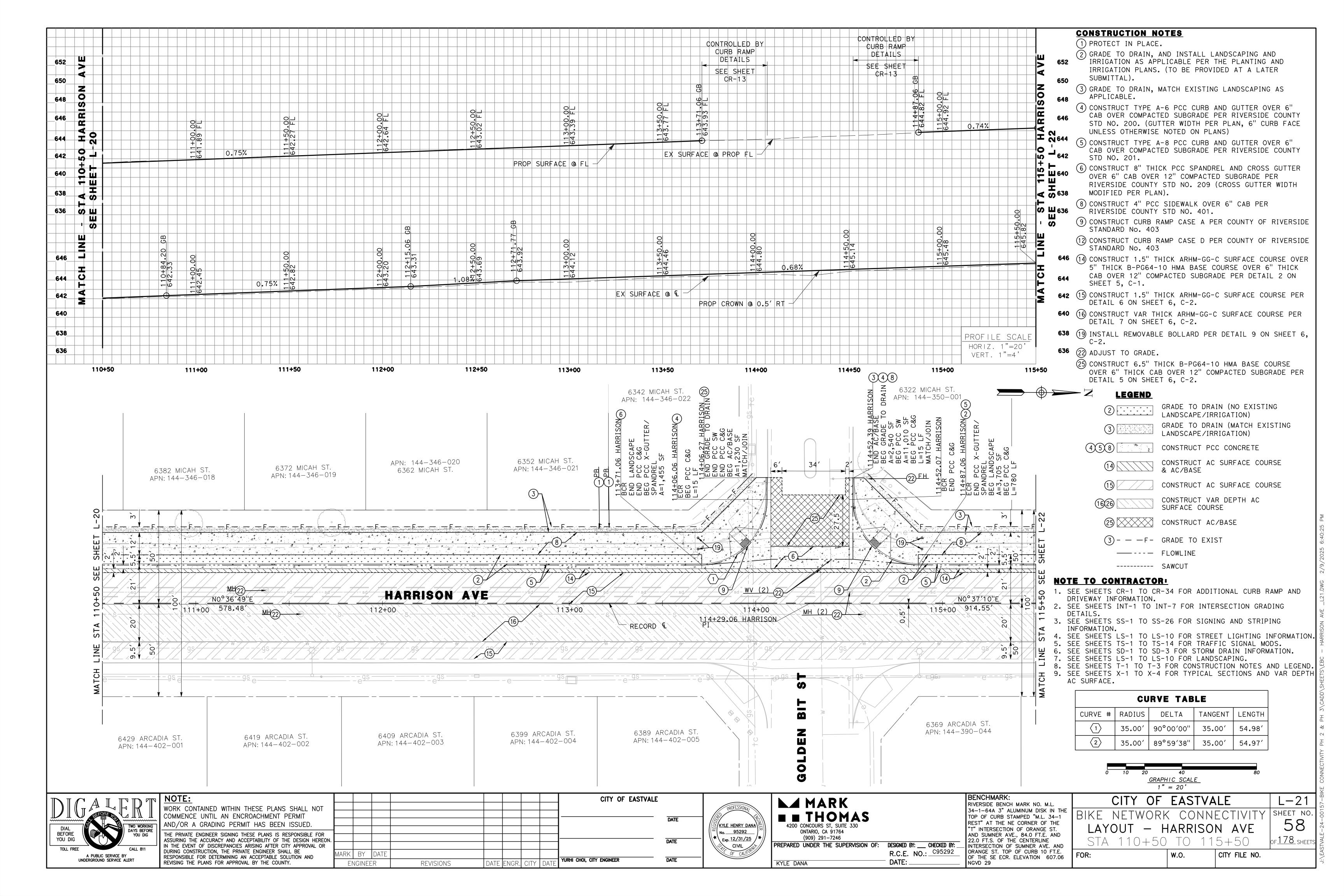


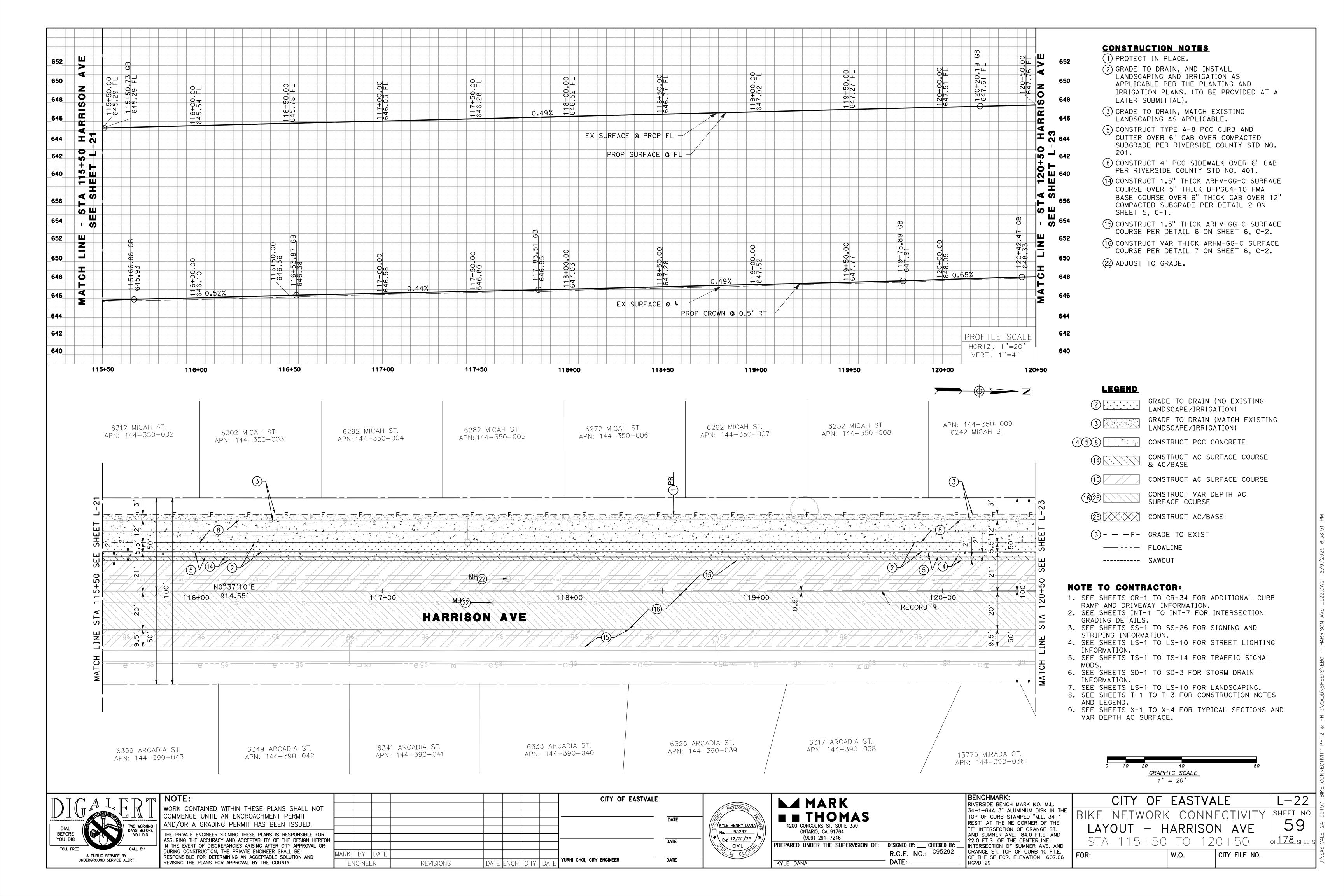


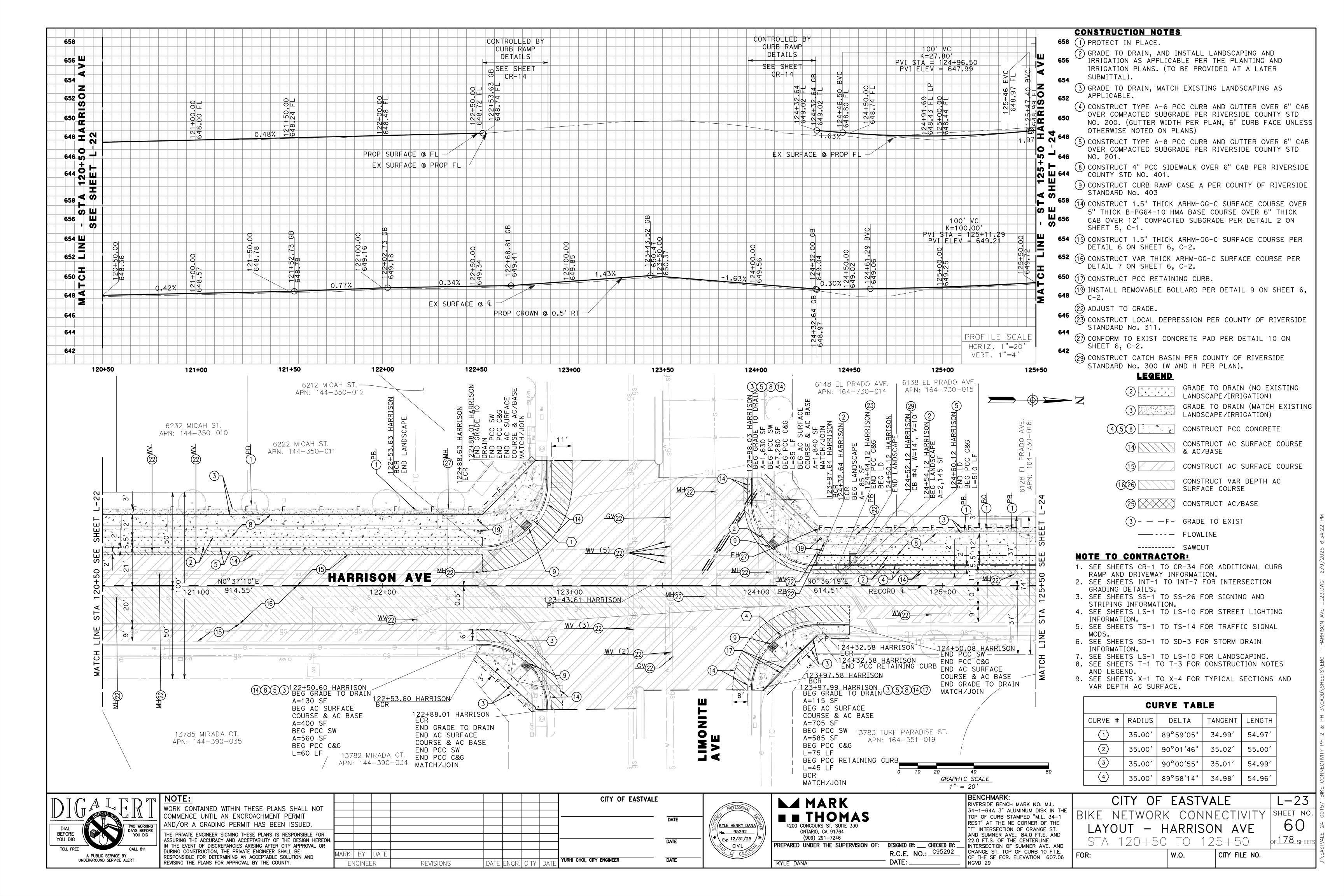


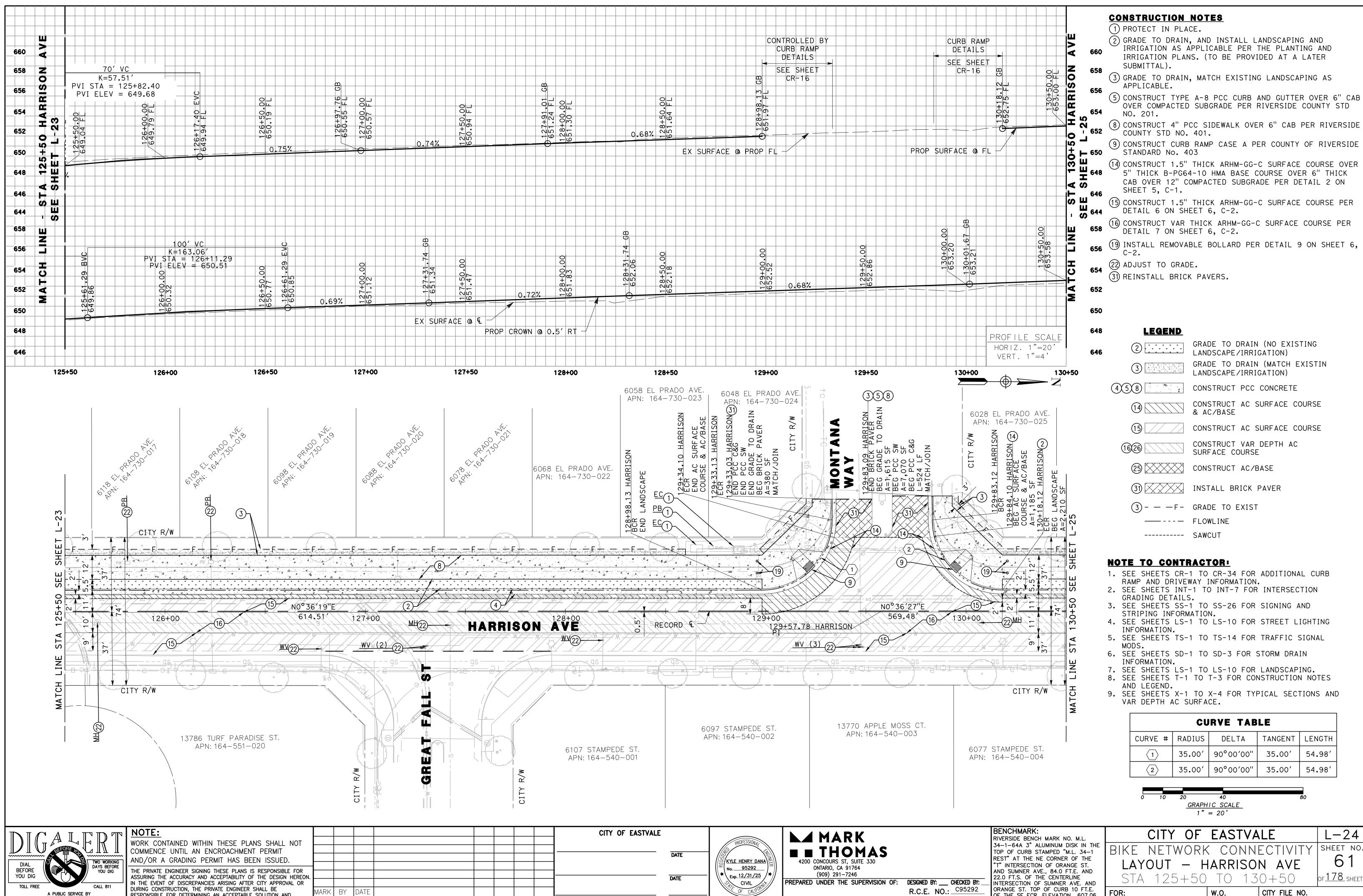












YURHI CHOI, CITY ENGINEER

arki by Idate

ENGINEER

REVISIONS

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

A PUBLIC SERVICE BY

UNDERGROUND SERVICE ALERT

W.O.

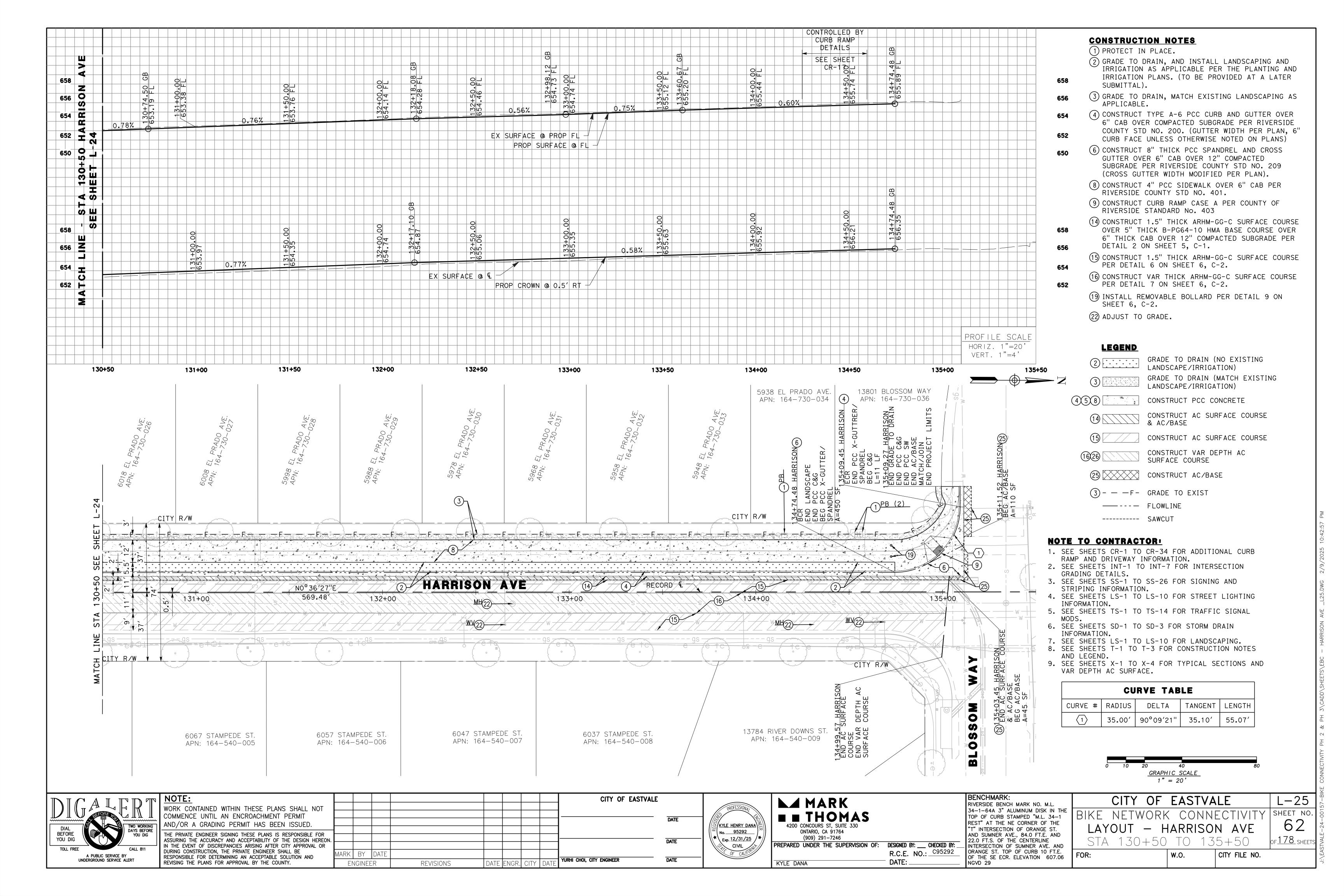
OF THE SE ECR. ELEVATION 607.06

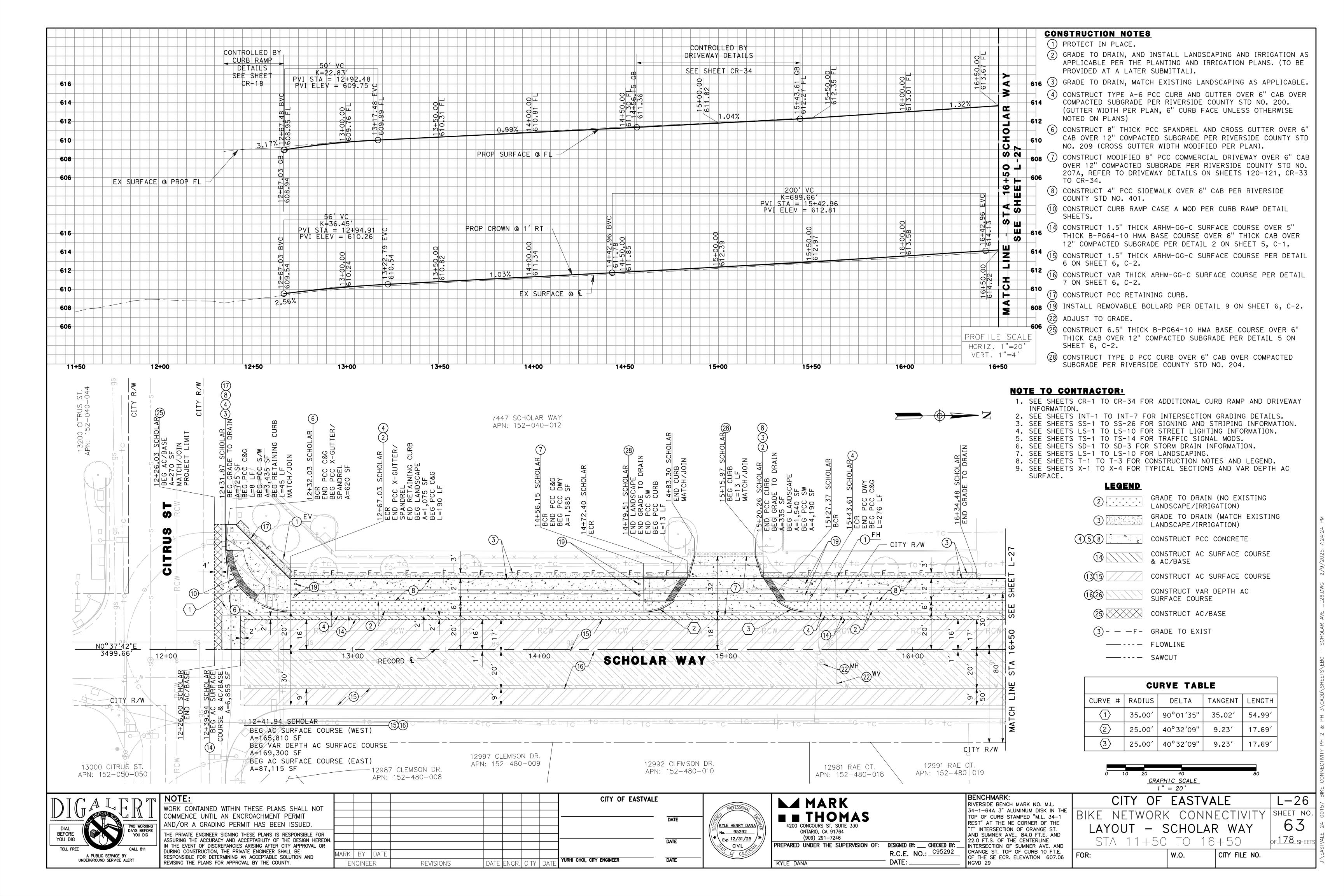
NGVD 29

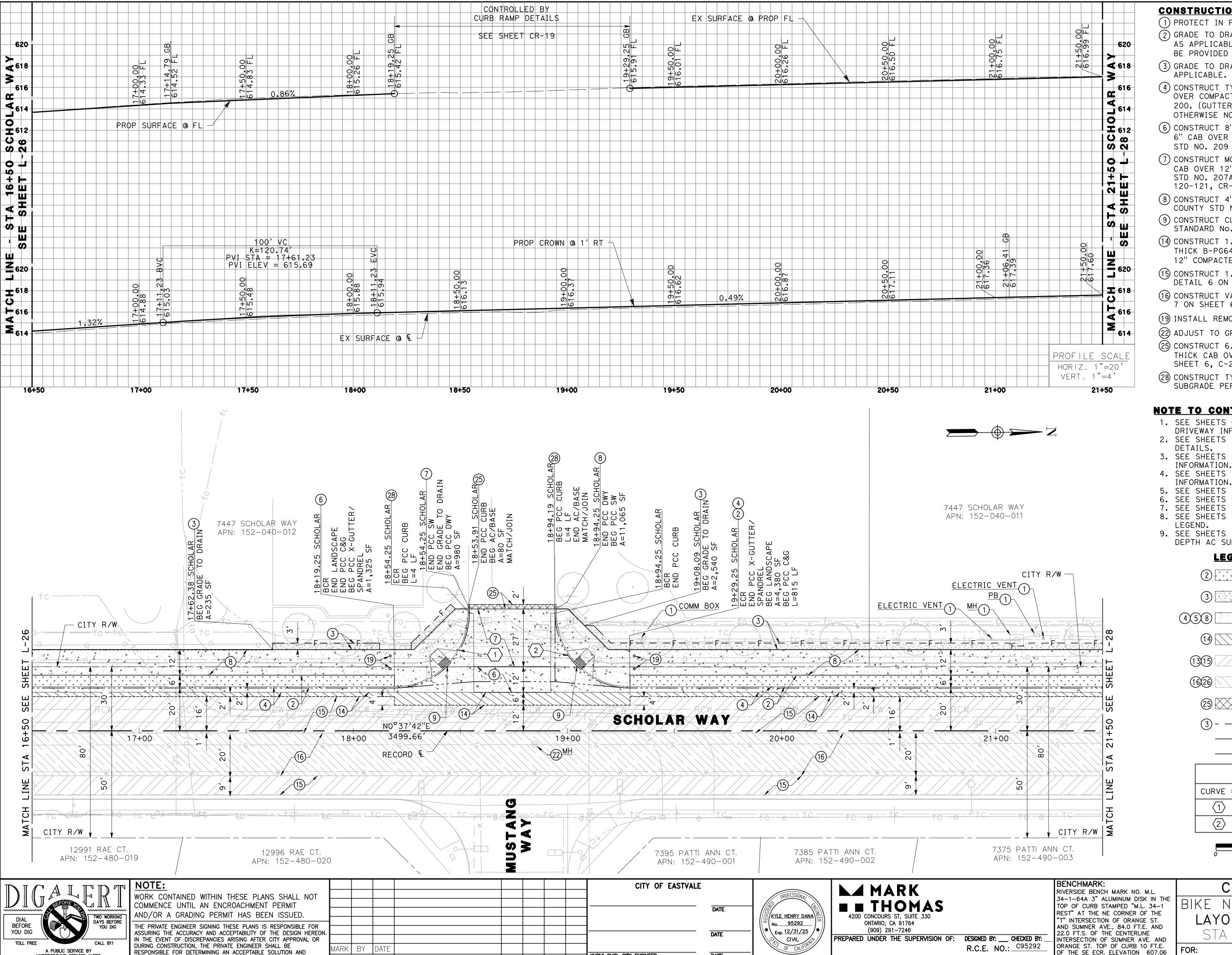
DATE:

KYLE DANA

CITY FILE NO.







**CONSTRUCTION NOTES** 

(1) PROTECT IN PLACE.

(2) GRADE TO DRAIN, AND INSTALL LANDSCAPING AND IRRIGATION AS APPLICABLE PER THE PLANTING AND IRRIGATION PLANS. (TO BE PROVIDED AT A LATER SUBMITTAL).

(3) GRADE TO DRAIN, MATCH EXISTING LANDSCAPING AS

(4) CONSTRUCT TYPE A-6 PCC CURB AND GUTTER OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 200. (GUTTER WIDTH PER PLAN, 6" CURB FACE UNLESS OTHERWISE NOTED ON PLANS)

(6) CONSTRUCT 8" THICK PCC SPANDREL AND CROSS GUTTER OVER 6" CAB OVER 12" COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 209 (CROSS GUTTER WIDTH MODIFIED PER PLAN).

(7) CONSTRUCT MODIFIED 8" PCC COMMERCIAL DRIVEWAY OVER 6" CAB OVER 12" COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 207A, REFER TO DRIVEWAY DETAILS ON SHEETS 120-121, CR-33 TO CR-34.

(8) CONSTRUCT 4" PCC SIDEWALK OVER 6" CAB PER RIVERSIDE COUNTY STD NO. 401.

(9) CONSTRUCT CURB RAMP CASE A PER COUNTY OF RIVERSIDE STANDARD No. 403

(14) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE OVER 5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 2 ON SHEET 5, C-1.

(15) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE PER DETAIL 6 ON SHEET 6, C-2.

(16) CONSTRUCT VAR THICK ARHM-GG-C SURFACE COURSE PER DETAIL 7 ON SHEET 6, C-2.

(19) INSTALL REMOVABLE BOLLARD PER DETAIL 9 ON SHEET 6, C-2.

(22) ADJUST TO GRADE.

(25) CONSTRUCT 6.5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 5 ON SHEET 6, C-2.

(28) CONSTRUCT TYPE D PCC CURB OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 204.

## **NOTE TO CONTRACTOR:**

1. SEE SHEETS CR-1 TO CR-34 FOR ADDITIONAL CURB RAMP AND DRIVEWAY INFORMATION.

2. SEE SHEETS INT-1 TO INT-7 FOR INTERSECTION GRADING

3. SEE SHEETS SS-1 TO SS-26 FOR SIGNING AND STRIPING

4. SEE SHEETS LS-1 TO LS-10 FOR STREET LIGHTING

INFORMATION. 5. SEE SHEETS TS-1 TO TS-14 FOR TRAFFIC SIGNAL MODS.

6. SEE SHEETS SD-1 TO SD-3 FOR STORM DRAIN INFORMATION. 7. SEE SHEETS LS-1 TO LS-10 FOR LANDSCAPING. 8. SEE SHEETS T-1 TO T-3 FOR CONSTRUCTION NOTES AND

9. SEE SHEETS X-1 TO X-4 FOR TYPICAL SECTIONS AND VAR DEPTH AC SURFACE.

## **LEGEND**

GRADE TO DRAIN (NO EXISTING LANDSCAPE/IRRIGATION)

GRADE TO DRAIN (MATCH EXISTING LANDSCAPE/IRRIGATION)

CONSTRUCT PCC CONCRETE

CONSTRUCT AC SURFACE COURSE & AC/BASE

CONSTRUCT AC SURFACE COURSE

CONSTRUCT VAR DEPTH AC SURFACE COURSE

CONSTRUCT AC/BASE

- F- GRADE TO EXIST ——--- FLOWLINE

——--- SAWCUT

	CURVE TABLE							
CURVE #	RADIUS	DELTA	TANGENT	LENGTH				
1	35.00′	89°59′51"	35.00′	54.98′				
2	35.00′	90°00′09''	35.00′	54.98′				

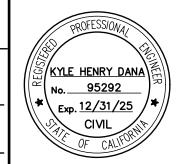
GRAPHIC SCALE 1" = 20'

BEFORE YOU DIG A PUBLIC SERVICE BY

UNDERGROUND SERVICE ALERT

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

ARKI BY IDATE YURHI CHOI, CITY ENGINEER ENGINEER REVISIONS



R.C.E. NO.: C95292 DATE: KYLE DANA

OF THE SE ECR. ELEVATION 607.06

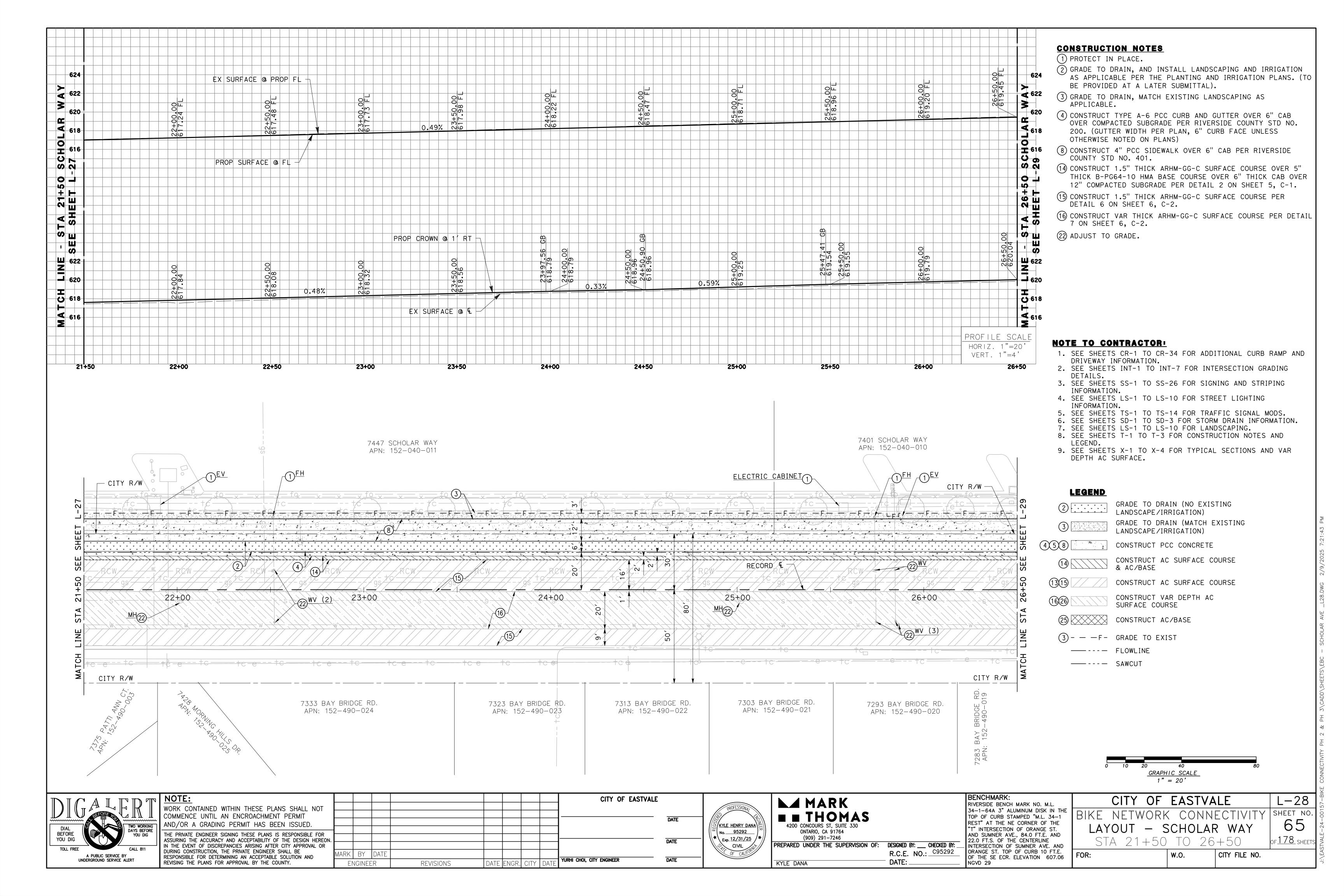
NGVD 29

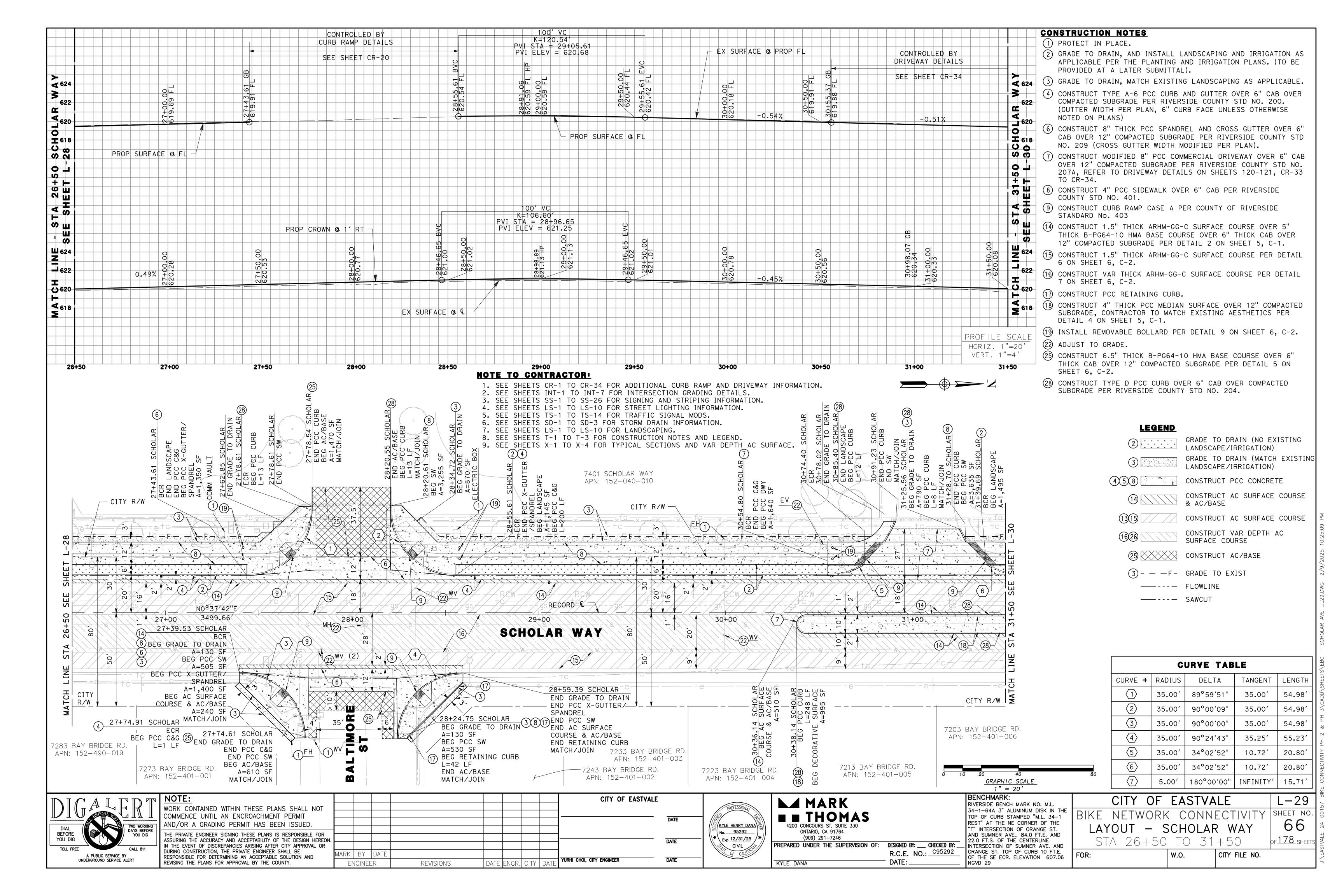
CITY OF EASTVALE

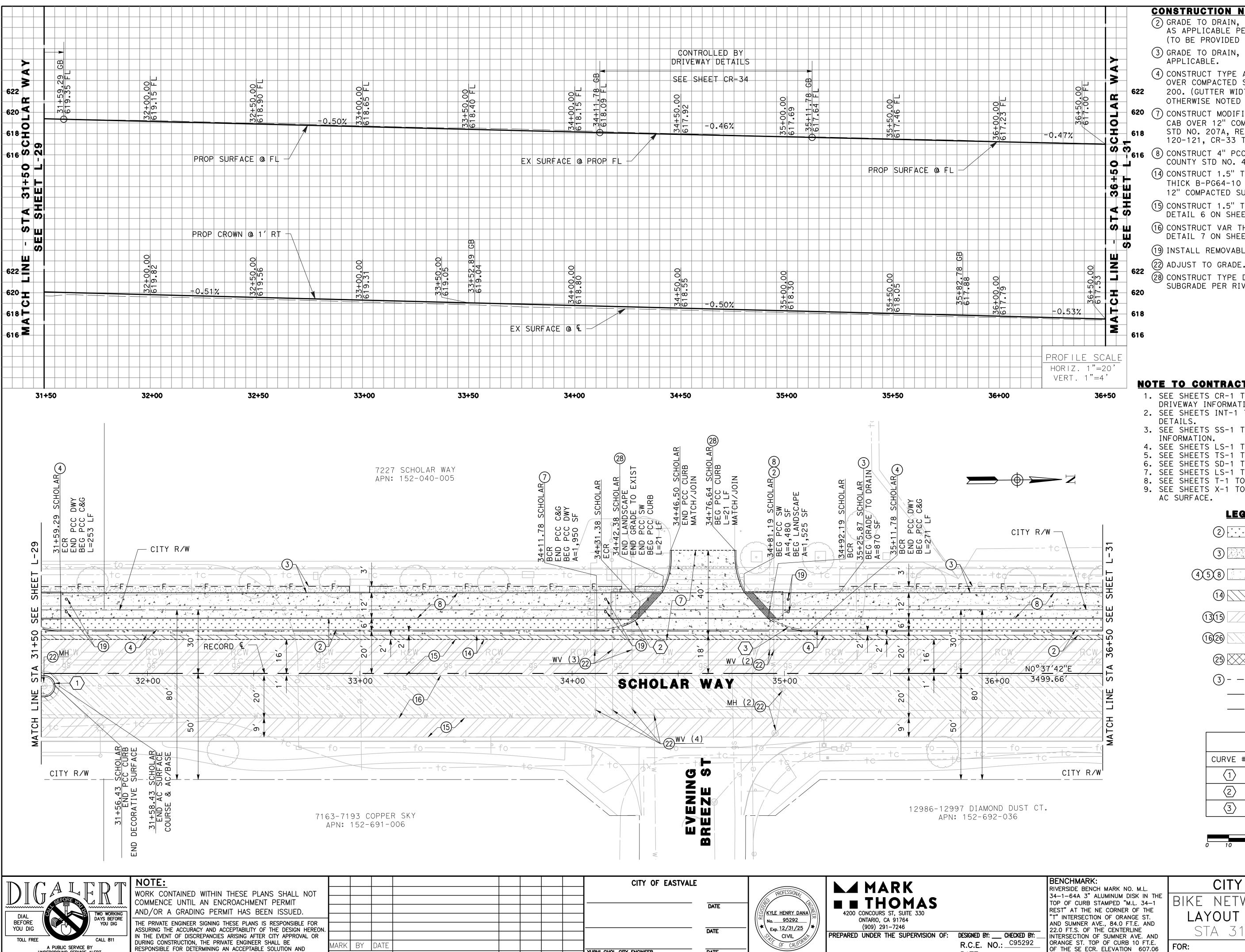
W.O.

CITY FILE NO.

L - 27SHEET NO 64 OF <u>178</u> SHEET







YURHI CHOI, CITY ENGINEER

UNDERGROUND SERVICE ALERT

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

ENGINEER

REVISIONS

**CONSTRUCTION NOTES** 

- (2) GRADE TO DRAIN, AND INSTALL LANDSCAPING AND IRRIGATION AS APPLICABLE PER THE PLANTING AND IRRIGATION PLANS. (TO BE PROVIDED AT A LATER SUBMITTAL).
- (3) GRADE TO DRAIN, MATCH EXISTING LANDSCAPING AS APPLICABLE.
- (4) CONSTRUCT TYPE A-6 PCC CURB AND GUTTER OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 200. (GUTTER WIDTH PER PLAN, 6" CURB FACE UNLESS OTHERWISE NOTED ON PLANS)
- 620 (7) CONSTRUCT MODIFIED 8" PCC COMMERCIAL DRIVEWAY OVER 6" CAB OVER 12" COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 207A, REFER TO DRIVEWAY DETAILS ON SHEETS 120-121, CR-33 TO CR-34.
- 616 8 CONSTRUCT 4" PCC SIDEWALK OVER 6" CAB PER RIVERSIDE COUNTY STD NO. 401.
  - (14) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE OVER 5" THICK B-PG64-10 HMA BASE COURSE OVER 6" THICK CAB OVER 12" COMPACTED SUBGRADE PER DETAIL 2 ON SHEET 5, C-1.
  - (15) CONSTRUCT 1.5" THICK ARHM-GG-C SURFACE COURSE PER DETAIL 6 ON SHEET 6, C-2.
  - (16) CONSTRUCT VAR THICK ARHM-GG-C SURFACE COURSE PER DETAIL 7 ON SHEET 6, C-2.
  - (19) INSTALL REMOVABLE BOLLARD PER DETAIL 9 ON SHEET 6, C-2.
  - (28) CONSTRUCT TYPE D PCC CURB OVER 6" CAB OVER COMPACTED SUBGRADE PER RIVERSIDE COUNTY STD NO. 204.

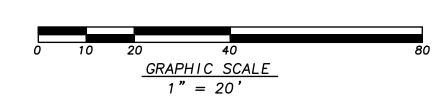
## NOTE TO CONTRACTOR:

- 1. SEE SHEETS CR-1 TO CR-34 FOR ADDITIONAL CURB RAMP AND DRIVEWAY INFORMATION.
- 2. SEE SHEETS INT-1 TO INT-7 FOR INTERSECTION GRADING
- 3. SEE SHEETS SS-1 TO SS-26 FOR SIGNING AND STRIPING
- 4. SEE SHEETS LS-1 TO LS-10 FOR STREET LIGHTING INFORMATION.
- SEE SHEETS TS-1 TO TS-14 FOR TRAFFIC SIGNAL MODS.
- SEE SHEETS SD-1 TO SD-3 FOR STORM DRAIN INFORMATION. 7. SEE SHEETS LS-1 TO LS-10 FOR LANDSCAPING.
- SEE SHEETS T-1 TO T-3 FOR CONSTRUCTION NOTES AND LEGENDA 9. SEE SHEETS X-1 TO X-4 FOR TYPICAL SECTIONS AND VAR DEPTH

## **LEGEND**

- ② GRADE TO DRAIN (NO EXISTING LANDSCAPE/IRRIGATION)
- GRADE TO DRAIN (MATCH EXISTING LANDSCAPE/IRRIGATION)
- CONSTRUCT PCC CONCRETE
  - CONSTRUCT AC SURFACE COURSE & AC/BASE
- CONSTRUCT AC SURFACE COURSE
- CONSTRUCT VAR DEPTH AC SURFACE COURSE
- 25 CONSTRUCT AC/BASE
- (3) - F GRADE TO EXIST ——--- FLOWLINE ——--- SAWCUT

CURVE TABLE						
CURVE #	RADIUS	DELTA	TANGENT	LENGTH		
1	5.00′	180°00′00"	INF INITY'	15.71′		
2	35.00′	34°02′52"	10.72′	20.80′		
3	35.00′	34°02′50"	10.72′	20.80′		



DATE:

NGVD 29

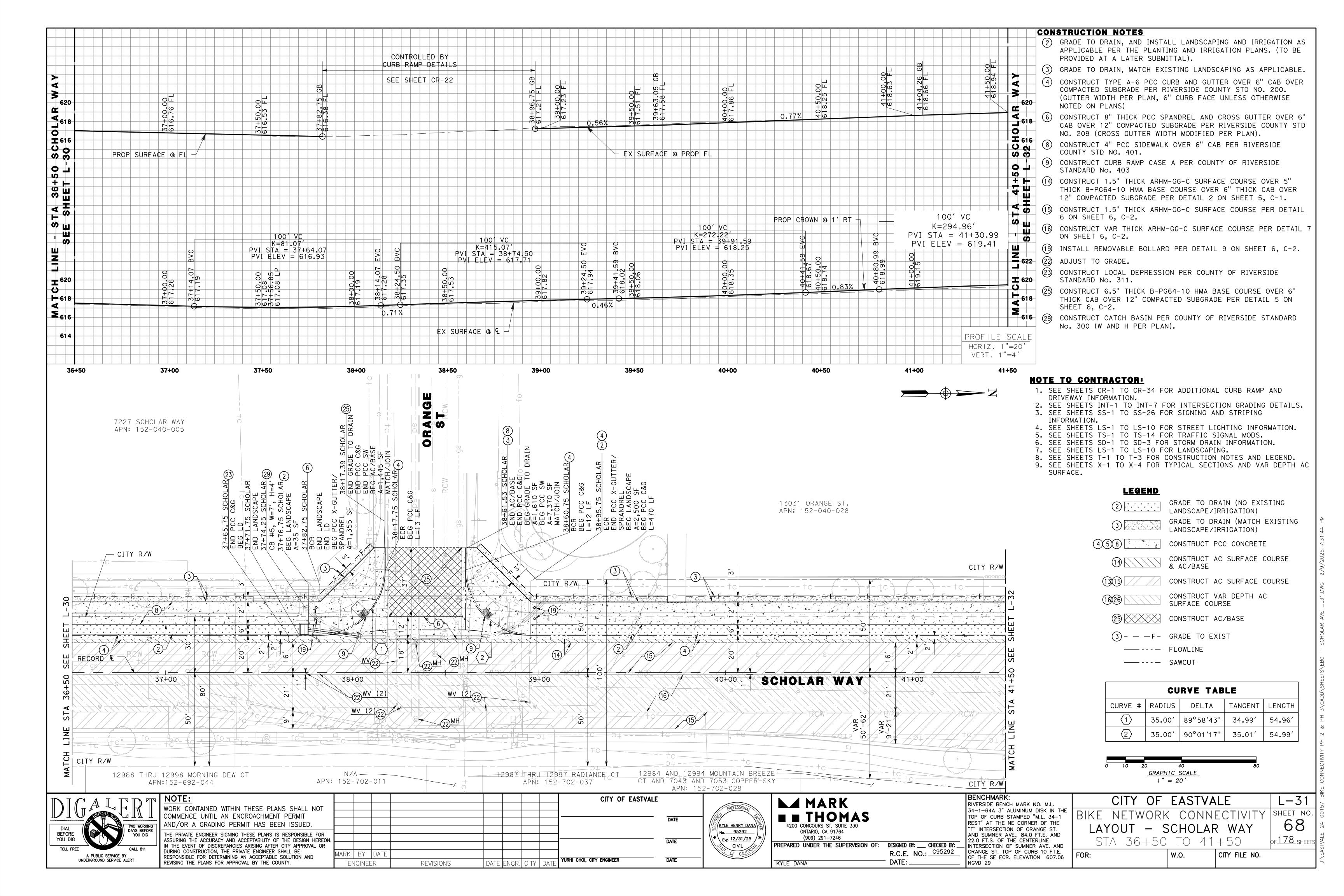
KYLE DANA

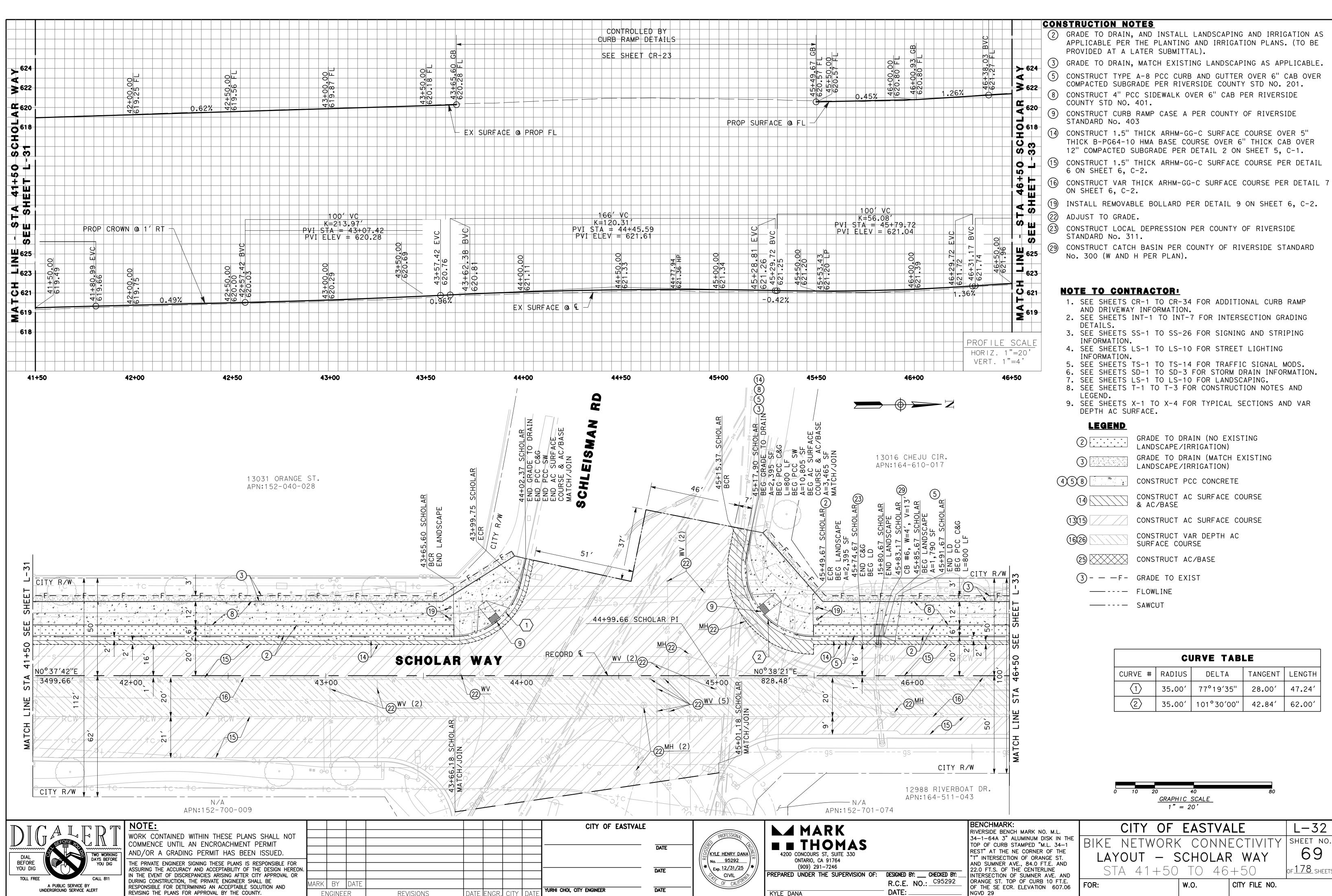
CITY OF EASTVALE

CITY FILE NO. W.O.

L - 30SHEET NO of <u>178</u> sheet

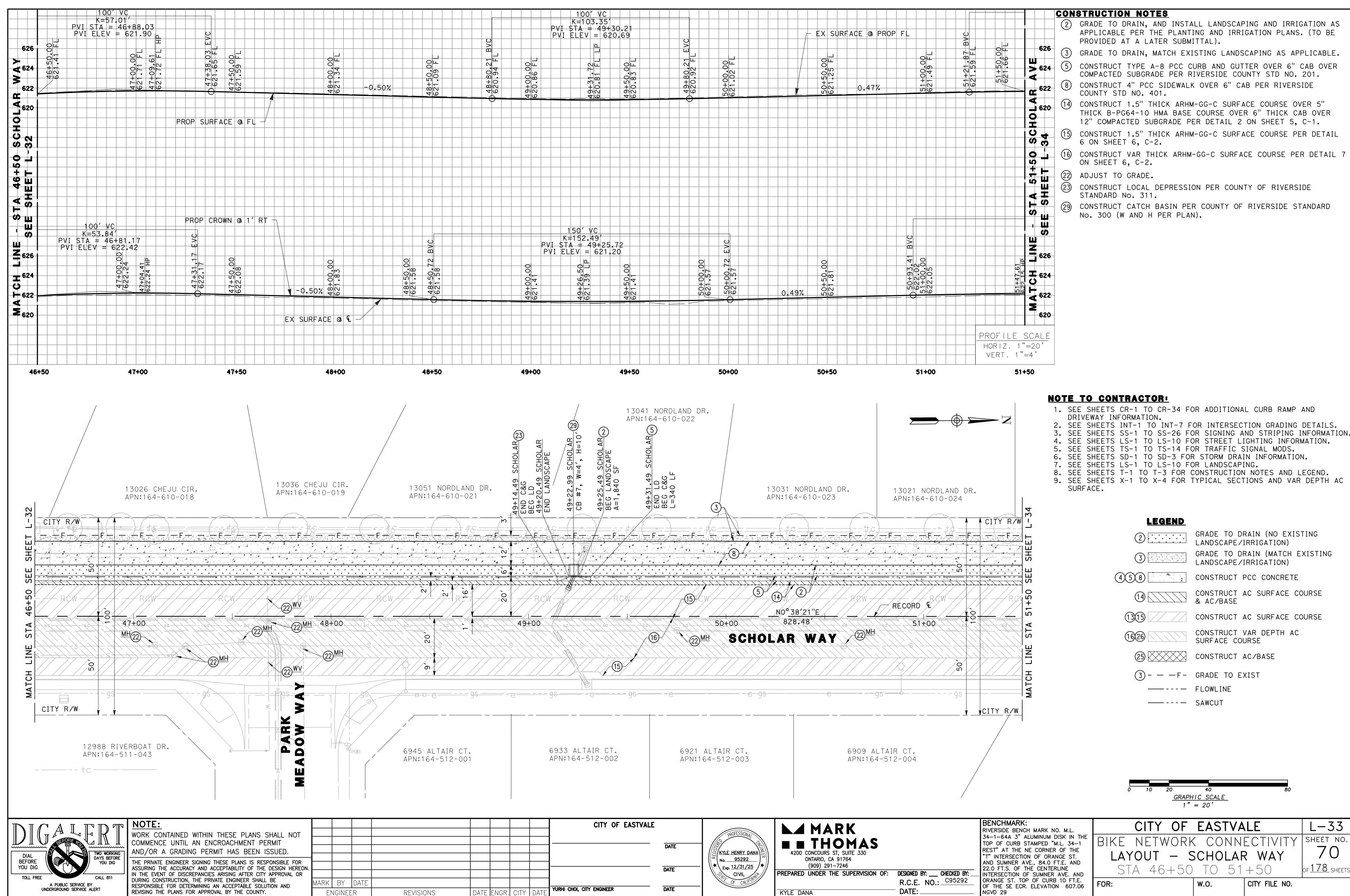
67

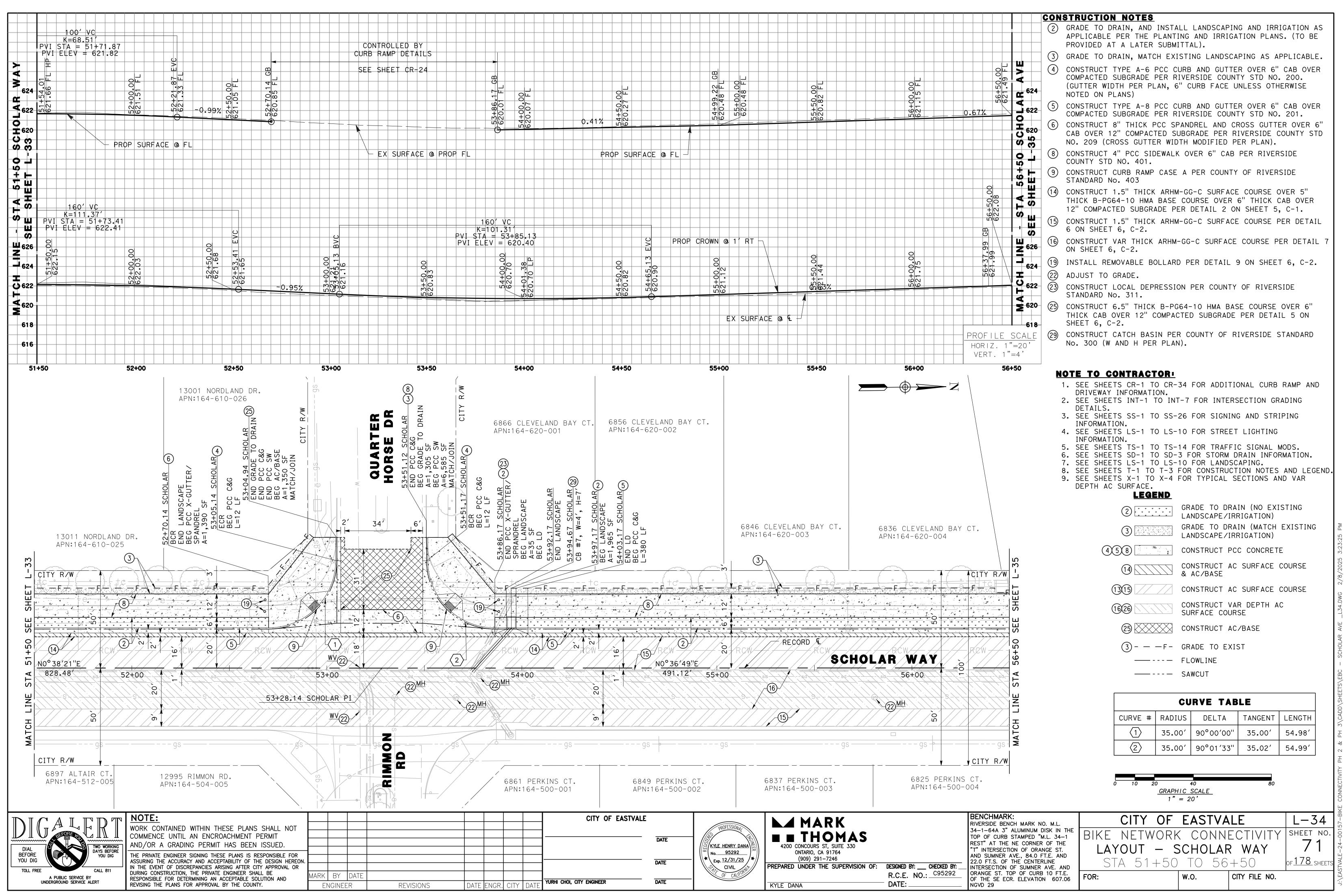


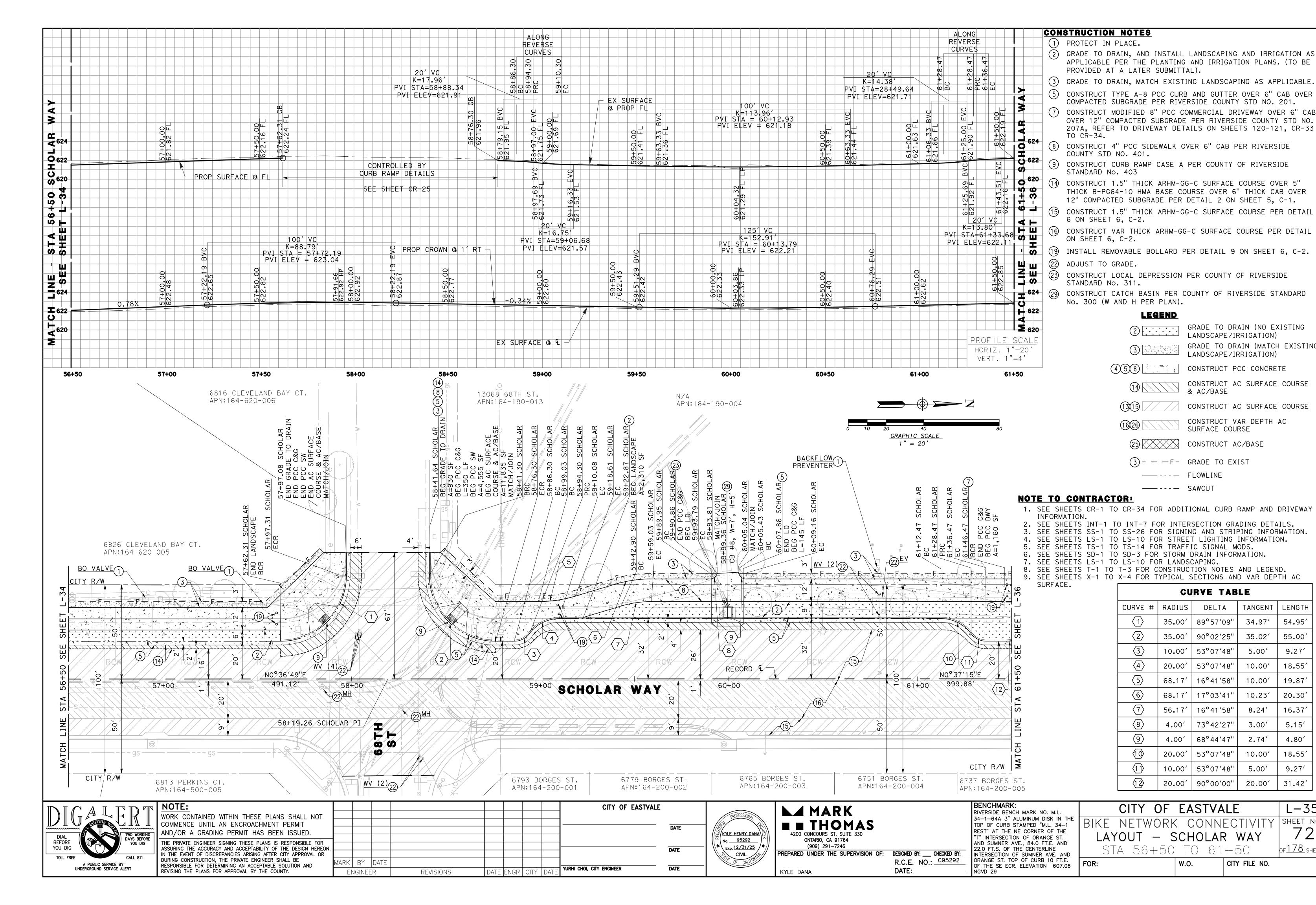


REVISIONS

KYLE DANA







TANGENT LENGTH

54.95

55.00

9.27′

18.55

19.87

20.30

16.37

5.15

4.80′

18.55

9.27′

31.42

L - 35

SHEET NO.

72

OF <u>178</u> SHEET

34.97

35.02

5.00′

10.00'

10.00'

10.23

8.24

3.00′

2.74′

10.00'

5.00′

20.00′

CITY FILE NO.

DELTA

89°57′09''

90°02′25'

53°07′48'

16°41′58′

17°03′41

16°41′58′

73°42′27

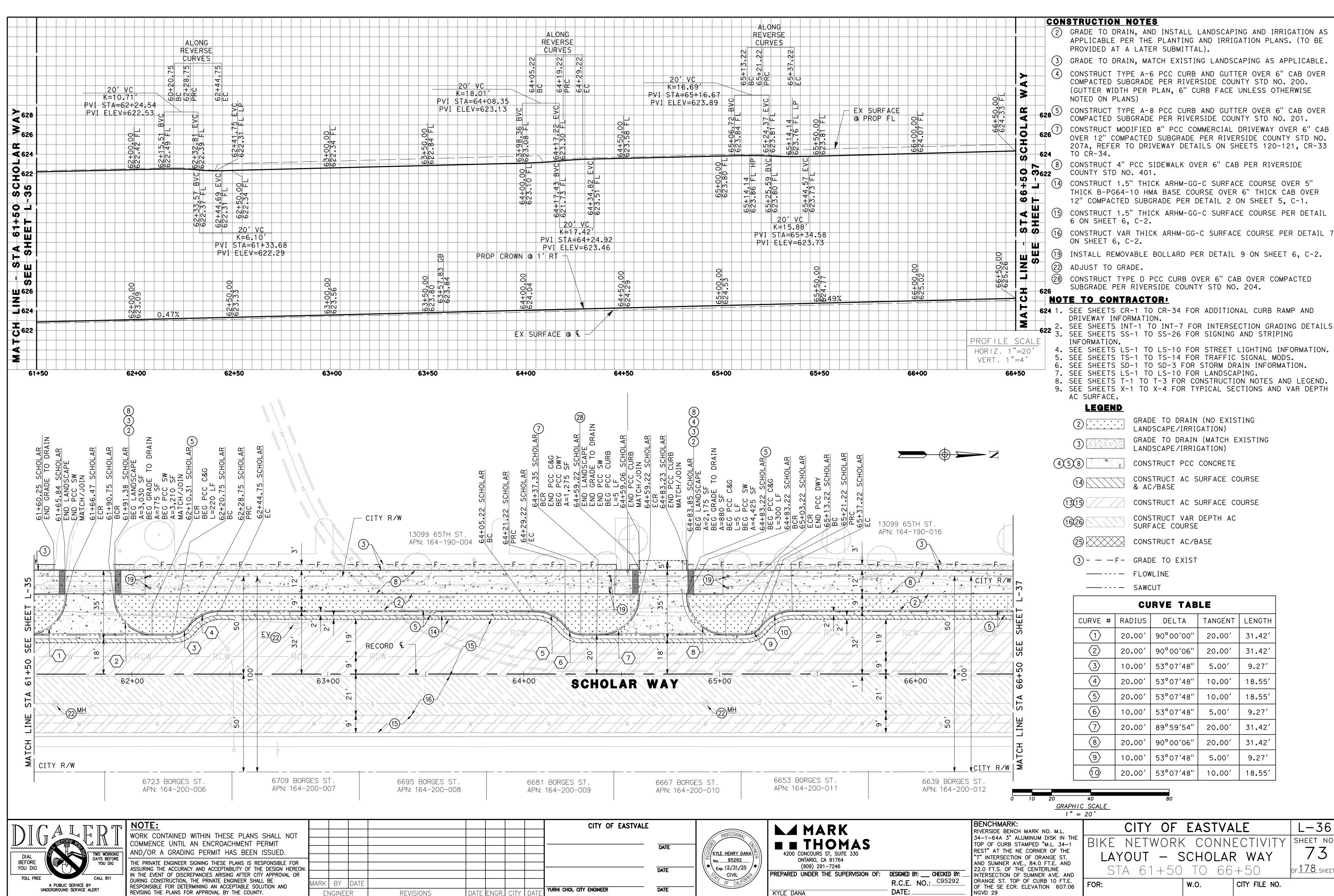
68°44′47

53°07′48'

53°07′48'

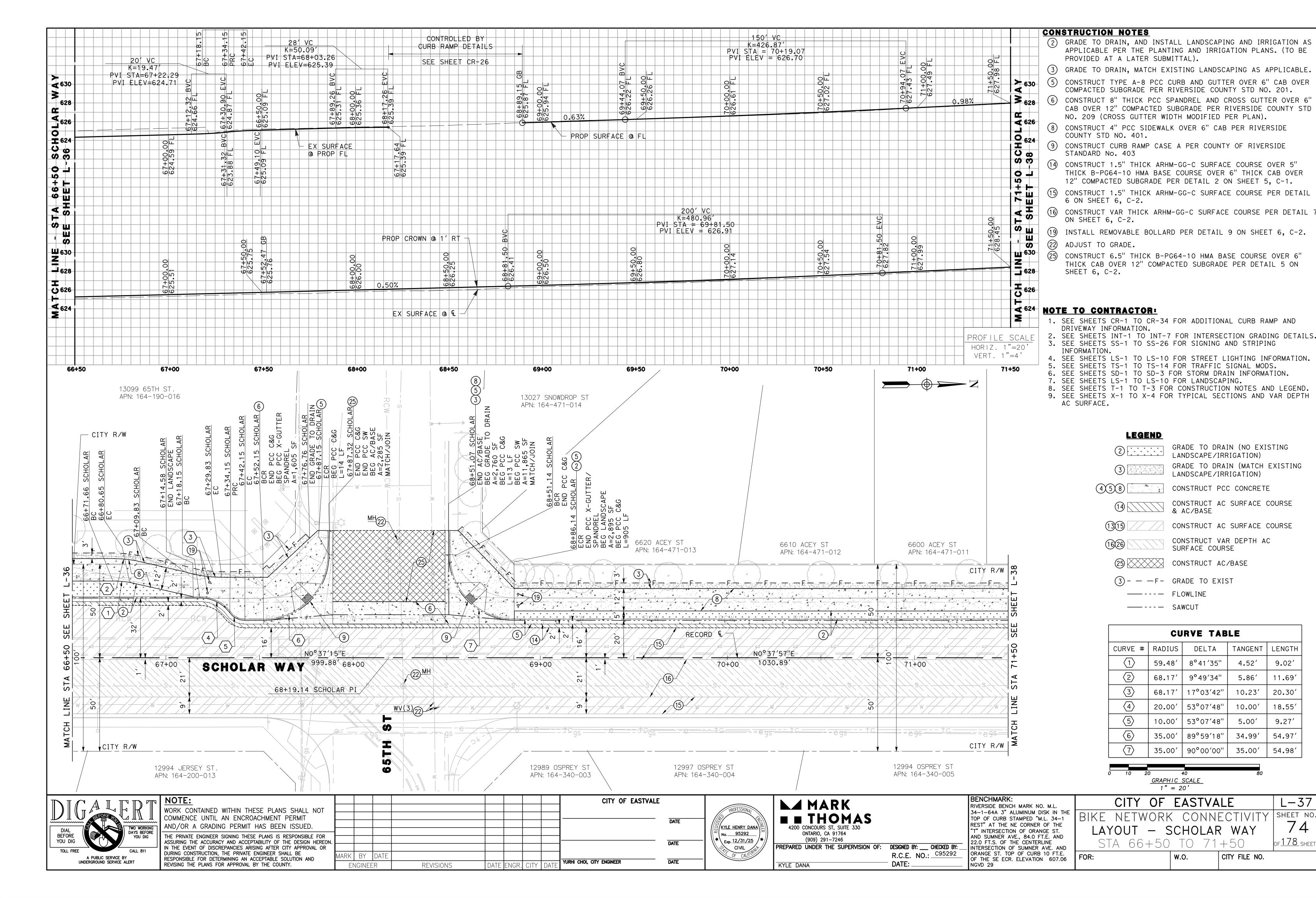
90°00′00'

GRADE TO DRAIN (MATCH EXISTING

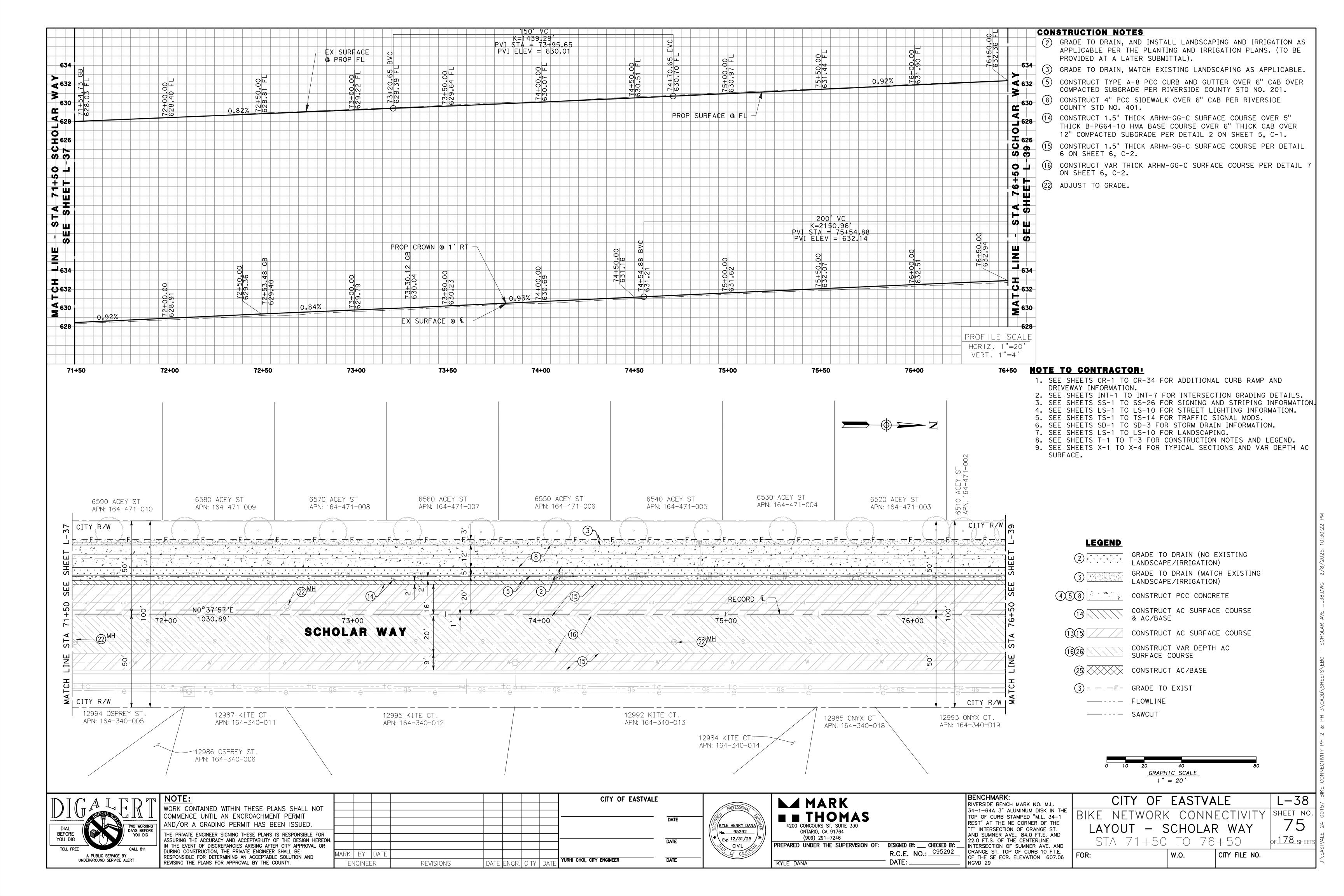


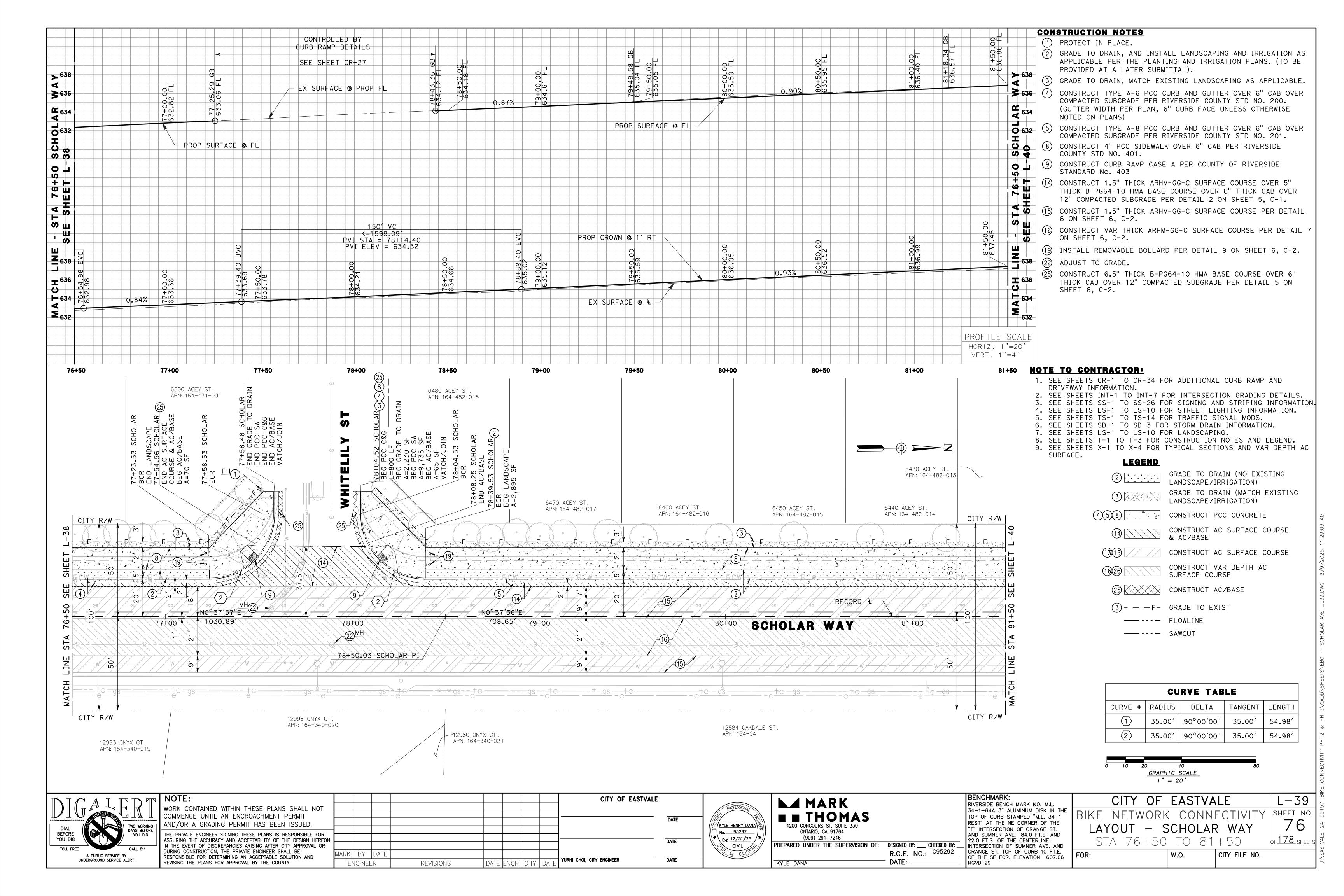
ENGINEER

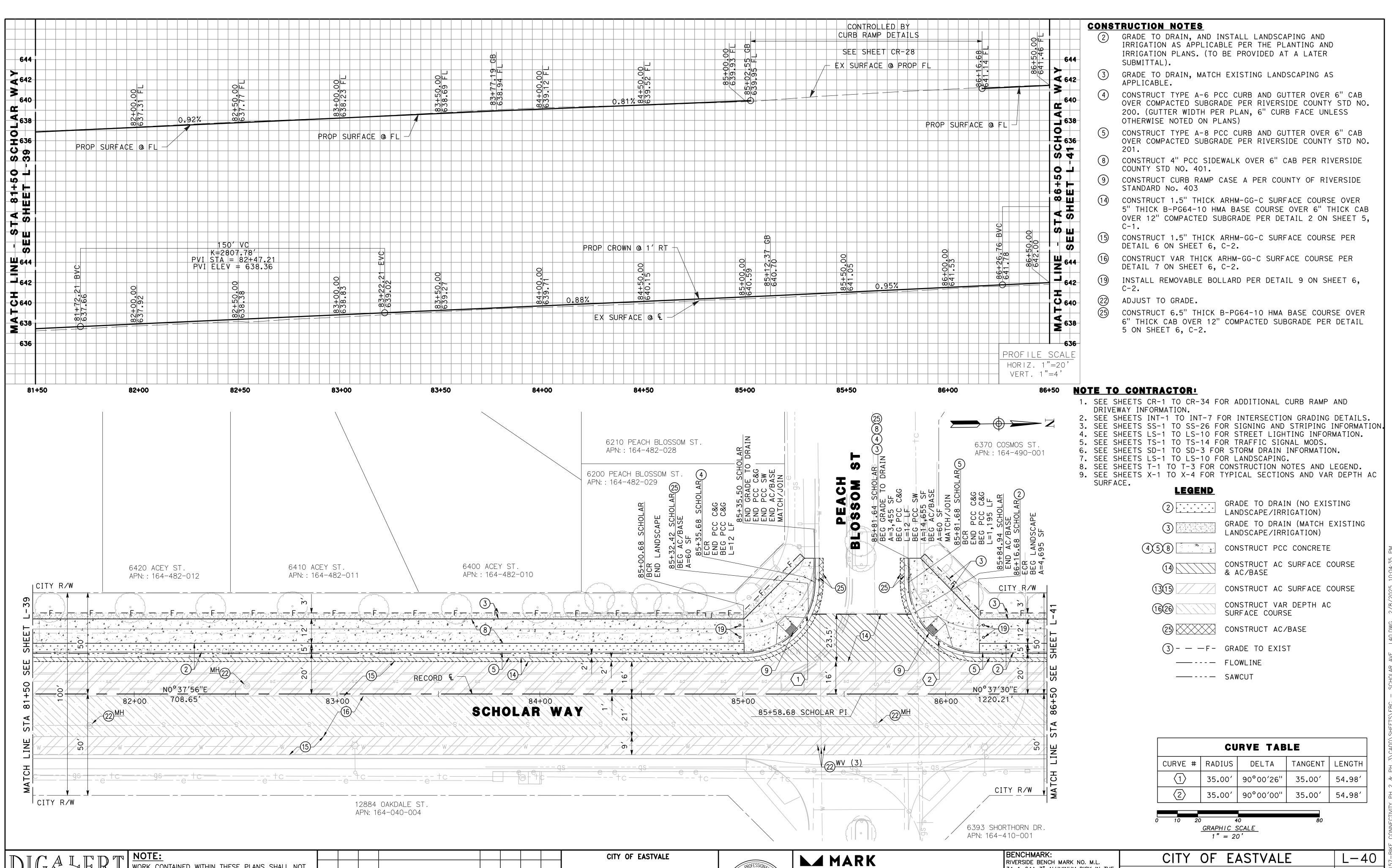
REVISIONS



VALE-24-00157-BIKE CONNECTIVITY PH 2 & PH 3\CADD\SHEETS\EBC - SCHOLAR AVE \_L37.DWG 2/9/2025 8:09:36 PM







KYLE HENRY DANA

No. 95292

 $1 \setminus Exp. \frac{12/31/25}{2}$ 

Yurhi Choi, City Engineer

CIVIL

ONTARIO, CA 91764

(909) 291-7246

KYLE DANA

PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: \_\_\_ CHECKED BY:

R.C.E. NO.: C95292

DATE:

WORK CONTAINED WITHIN THESE PLANS SHALL NOT

BY IDATE

REVISIONS

COMMENCE UNTIL AN ENCROACHMENT PERMIT

DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

BEFORE

YOU DIG

A PUBLIC SERVICE BY

L - 40SHEET NO. of <u>178</u> sheet

CITY FILE NO.

RIVERSIDE BENCH MARK NO. M.L.

34-1-64A 3" ALUMINUM DISK IN THE

TOP OF CURB STAMPED "M.L. 34-1 REST" AT THE NE CORNER OF THE

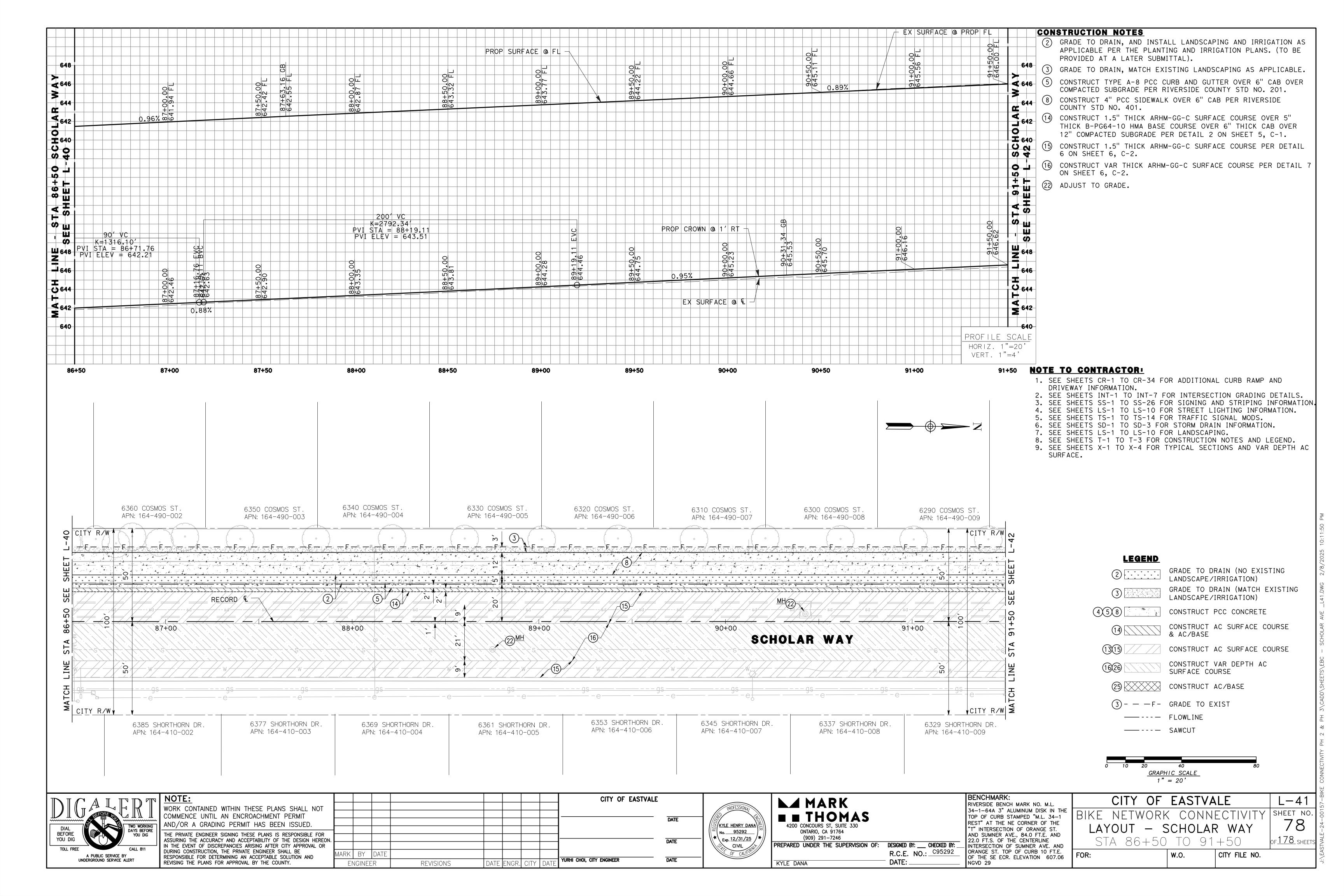
"T" INTERSECTION OF ORANGE ST. AND SUMNER AVE., 84.0 FT.E. AND

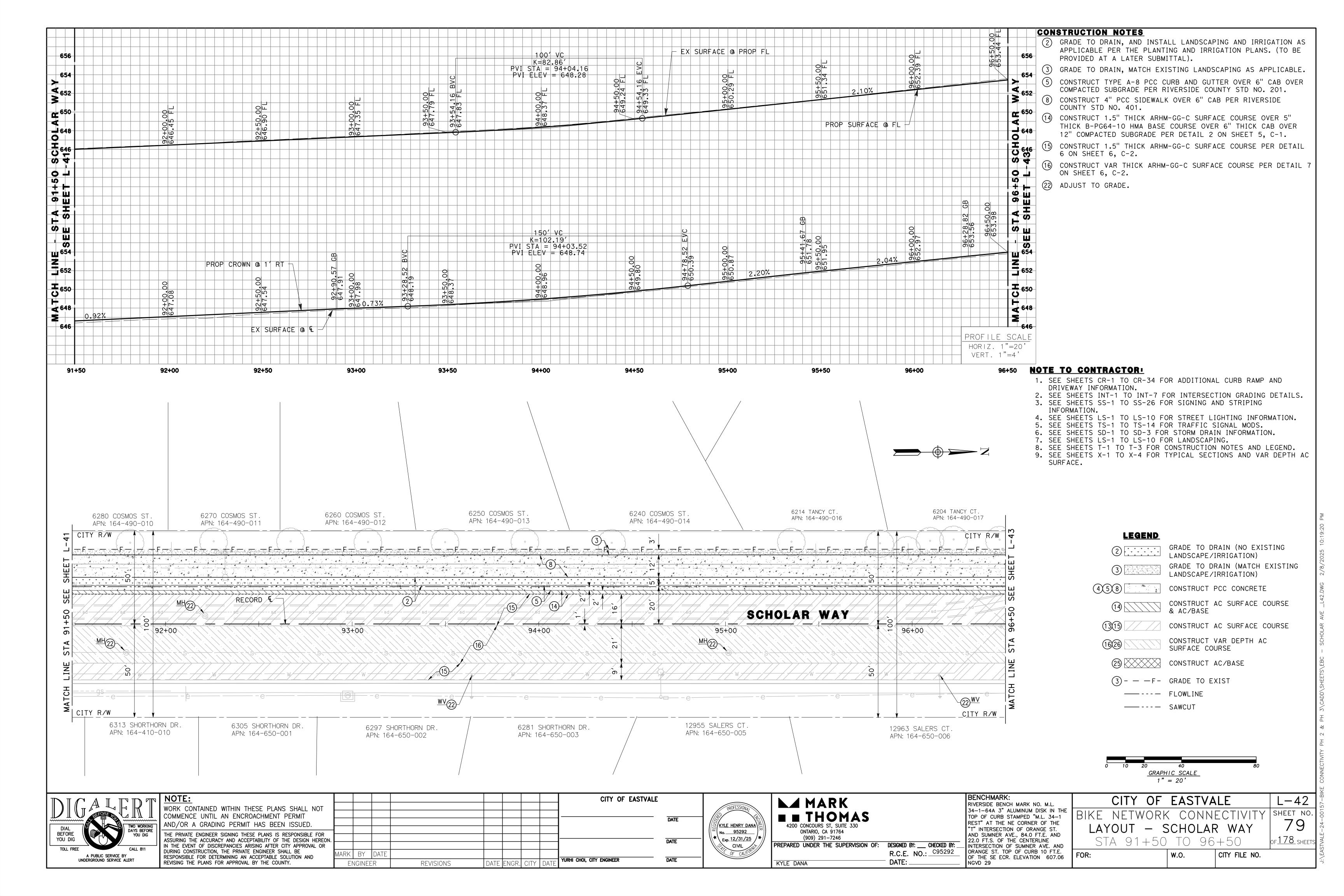
22.0 FT.S. OF THE CENTERLINE INTERSECTION OF SUMNER AVE. AND

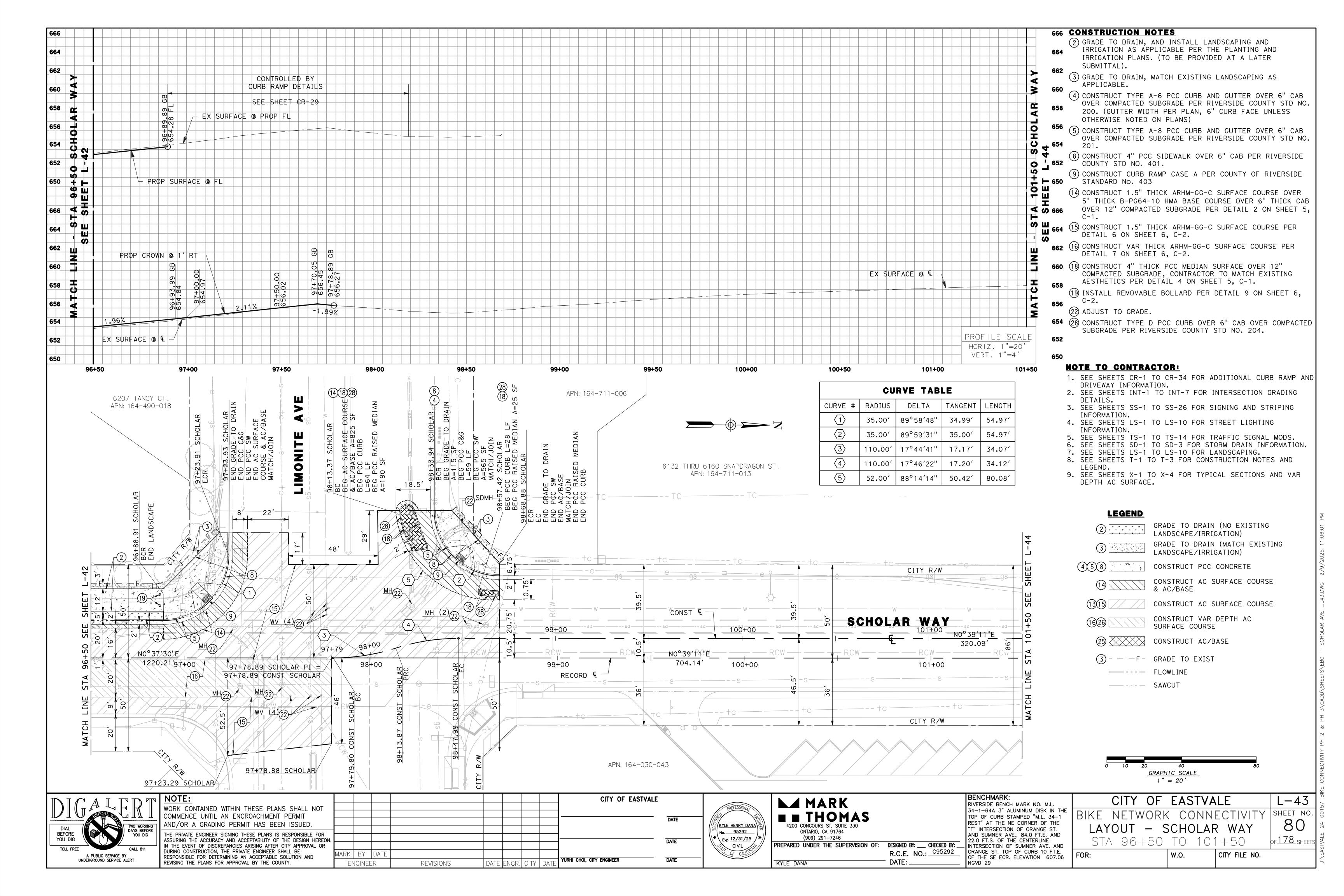
ORANGE ST. TOP OF CURB 10 FT.E.

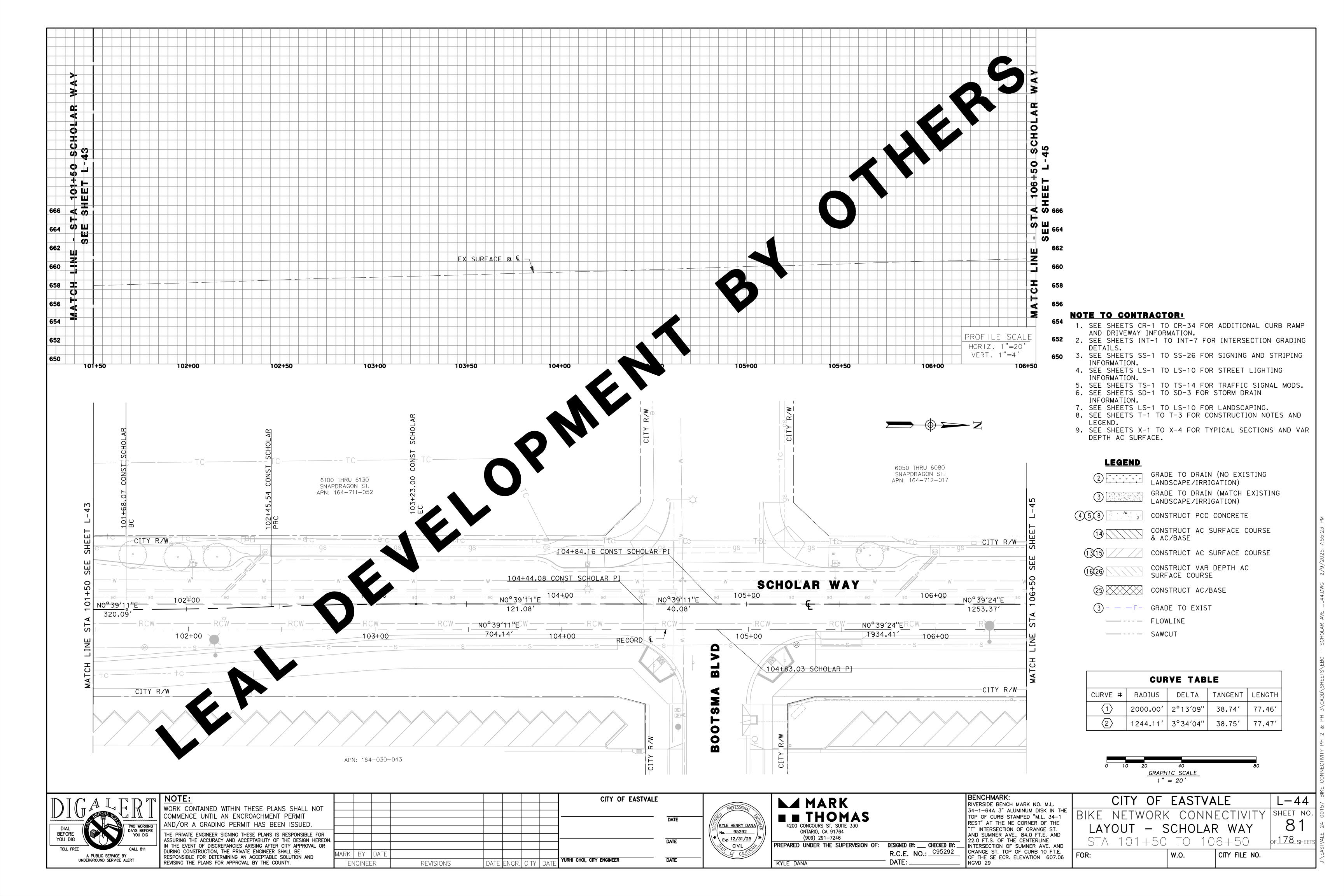
NGVD 29

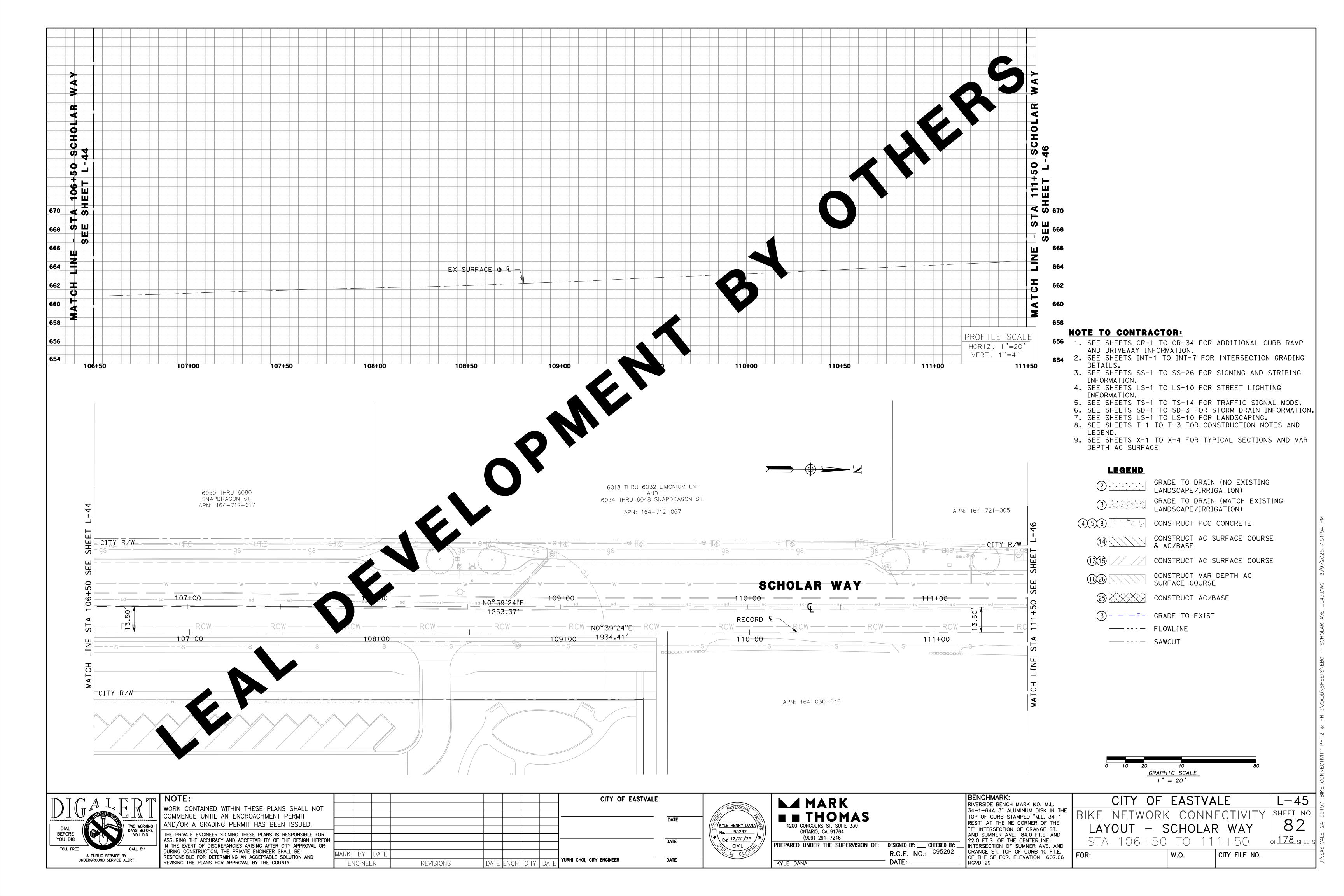
OF THE SE ECR. ELEVATION 607.06

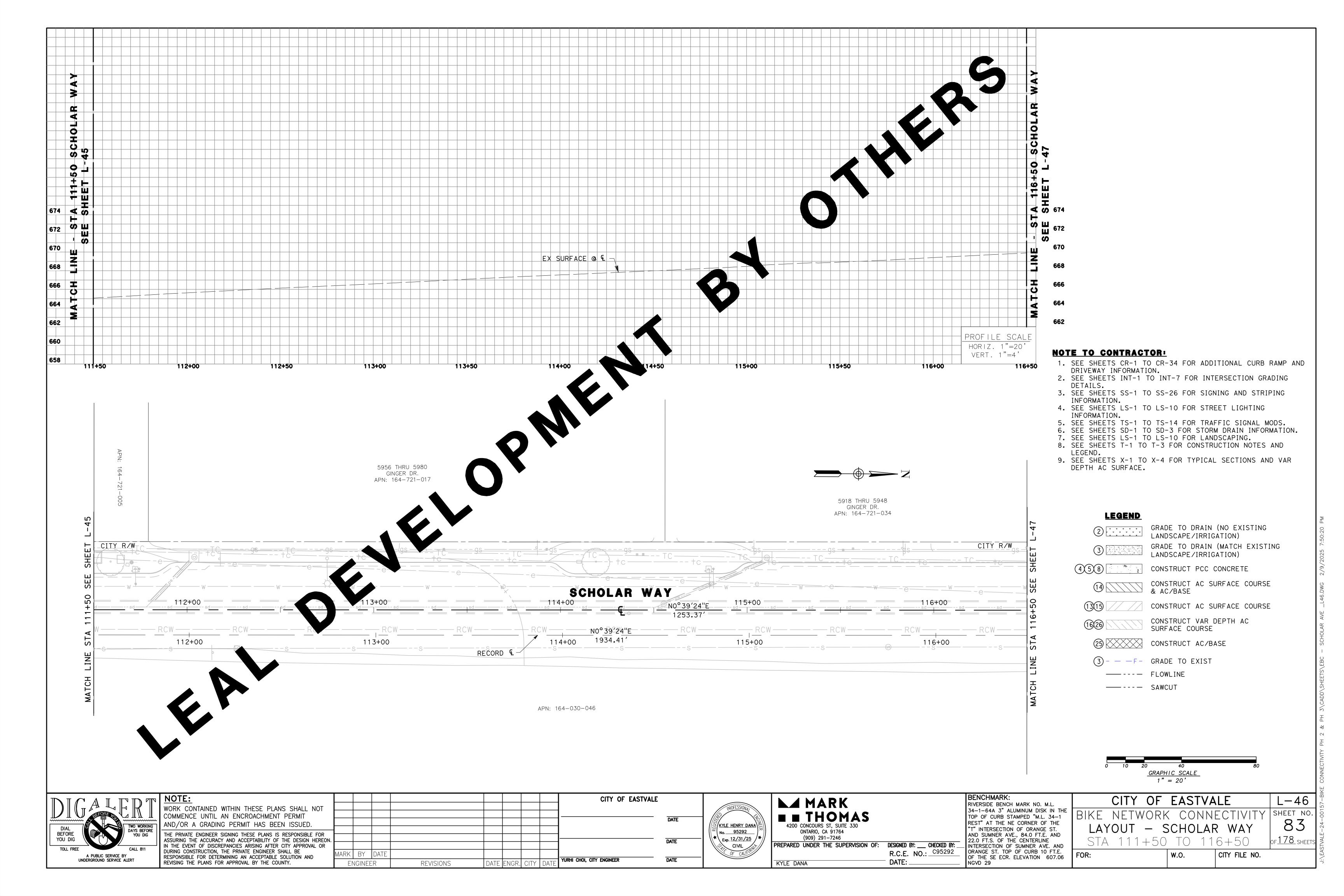


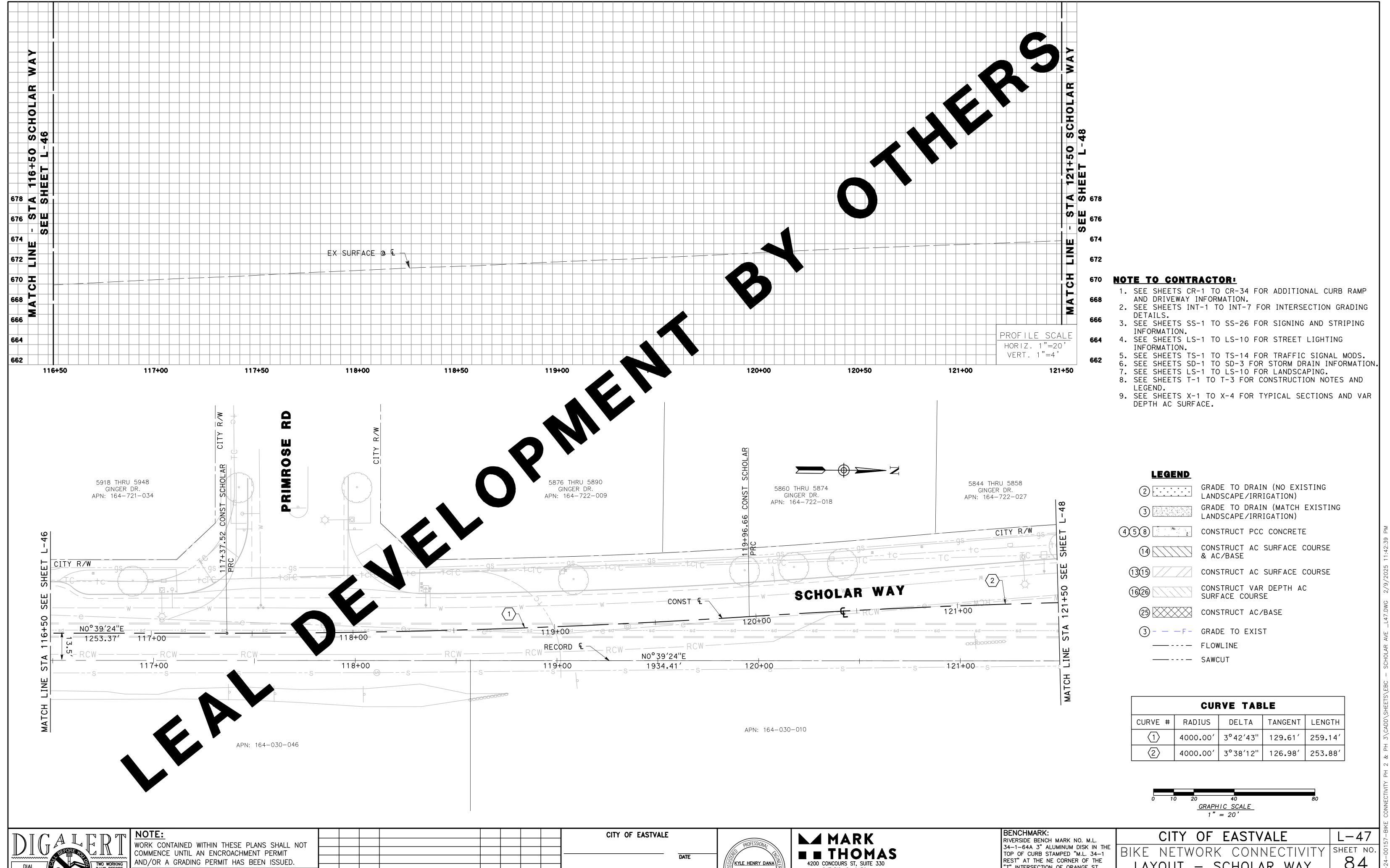












Ś/<mark>kyle henry dana</mark>\

No. 95292

\*\ <sub>Exp.</sub> <u>12/31/25</u> /

YURHI CHOI, CITY ENGINEER

| DATE | ENGR. | CITY | DAT

ONTARIO, CA 91764

(909) 291-7246

KYLE DANA

PREPARED UNDER THE SUPERVISION OF: DESIGNED BY: \_\_\_ CHECKED BY:

R.C.E. NO.: C95292

DATE: \_

AND/OR A GRADING PERMIT HAS BEEN ISSUED.

DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE DESIGN HEREON.

ark I by Idate

ENGINEER

REVISIONS

N THE EVENT OF DISCREPANCIES ARISING AFTER CITY APPROVAL OR

BEFORE

YOU DIG

A PUBLIC SERVICE BY

of <u>178</u> sheets

84

CITY FILE NO.

LAYOUT - SCHOLAR WAY

W.O.

"T" INTERSECTION OF ORANGE ST.
AND SUMNER AVE., 84.0 FT.E. AND
22.0 FT.S. OF THE CENTERLINE
INTERSECTION OF SUMNER AVE. AND

ORANGE ST. TOP OF CURB 10 FT.E. OF THE SE ECR. ELEVATION 607.06

NGVD 29

