



PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY, SUITE 150
TURLOCK, CA 95380

PHONE: (209) 668-5520
FAX: (209) 668-5563
TDD: (800) 735-2929
engineering@turlock.ca.us

Addendum No. 1

April 26, 2024

**City Project No.: 23-031, Package 2
Roads Program Capital Improvement Project**

Plan holders:

This addendum includes revisions to Plans and Specifications and provides clarifications and answers to questions submitted to the City.

Revisions to Plans and Specifications

The following additions, deletions or modifications shall become part of the Contract Documents:

Strikethrough text (~~text~~) indicates deletions.

Bold Italicized text (***text***) indicates additions.

Item No. 1:

Revise Bid Schedule, Bid Item 15, Roadway Excavation:

Item	Description
15	Roadway Excavation (<i>F</i>)

Definition of (F) is added after Bid Item Table as:

(F) Denotes Final Pay Item Per Section 9-1.02C of The State Standard Specifications.

Item No. 2:

Revise Bid Schedule, Updated Quantities per Item No. 6:

Item	Description	Quantity
11	Remove Concrete (Curb and Gutter)	4070 <i>4260</i>
12	Remove Concrete (Pathway)	410 <i>445</i>
15	Roadway Excavation (F)	600 <i>610</i>

20	Hot Mix Asphalt (Type A)	10560 10580
24	Minor Concrete (Curb and Gutter)	6040 6200
27	Minor Concrete (Pathway)	440 445
30	Minor Concrete (Driveway)	4850 5045
34	Remove and Replace Monument	6 7

Item No. 3:

Delete Pages 7 through 11 of the Specifications (“Bidding Form”)

Add Pages 7 through 11 as attached to the Addendum. Changes reflect the revisions from Item No. 1 and No. 2 and the revised sheets identified in Item No. 6.

Item No. 3:

Revise Special Provisions, Section 5 General, as follows:

Section 5.20, Progress Schedule:

Contractor shall furnish City with a Critical Path Method progress schedule at the preconstruction meeting. Progress Schedules will be required for this contract and shall conform to the provisions in Section 7-5.01, “Progress Schedule” of the State Standard Specifications. If Contractor falls more than 10 working days behind the schedule, the Contractor shall submit an accelerated schedule to show how the work will be completed by the project Completion Date identified in the Agreement. The progress schedule shall show the construction activities extending for the duration of the working days. Any deviation from the outline must be approved by Engineer. Contractor shall not be allowed to start construction activities until the progress schedule is accepted by Engineer. Payment for the progress schedule shall be included under the ~~Miscellaneous Facilities and Operations~~ **Jobsite Management** bid item.

Section 5.22, Order of Work (5th Paragraph):

- Project No. 23-031, Roads Program Capital Improvement Project, Package 2-1
- **Project No. 23-032, City of Turlock Roads Program Capital Improvements Project**

Section 5.24, Surveying (1st Paragraph):

Construction survey staking shall be provided by the Contractor **and shall comply with Chapter 12 of the Caltrans Surveys Manual**. Contractor shall provide staking sufficient for the installation and inspection of all improvements shown on the plans. Staking shall **remain in place for the inspection of all improvements and shall not be removed prior to obtaining permission from the Engineer**.

Section 5.25, Testing (2nd Paragraph):

Unless otherwise noted, the Contractor shall provide all ~~acceptance~~ **Quality Control Testing including compaction testing for the native soil. Acceptance testing will be performed by the City.** Coordination of said testing is the responsibility of Contractor. The Contractor shall provide at least 48 hours' notice to the Engineer in advance of all testing. **All costs associated with Quality Control Testing shall be included in the unit prices for the various contract items. No separate payment will be made therefore.**

Section 5.35, Utility Verification (3rd Paragraph):

Within the first 10 working days, the Contractor shall physically verify all locations of existing utilities, and certify, in writing, that there are no conflicts with planned improvements. If there are conflicts, the Contractor shall indicate in writing, the specific conflict and allow the Engineer 10 working days to provide a response. The Contractor shall include a schedule activity for potholing (the Contractor's responsibility), and notification to the Engineer in the baseline schedule. The 10 working days for Engineer review shall be identified as an City-owned activity in the Contractor's baseline schedule. If there are no conflicts identified, this activity will then be shown as City-owned float. **The Contractor shall not proceed with any other construction activities until written acceptance of the Contractor's utility conflict certification letter is granted by the Engineer.**

Item No. 4:

Revise Special Provisions, Section 8 Prosecution and Progress, as follows:

Section 8.01, Start of Jobsite Activities (5th Paragraph): The Contractor may enter the jobsite **prior to the first working day** only to:

Item No. 5:

Revise Special Provisions, Section 10 Technical Special Provisions, as follows:

Construction Area Signs (delete 2nd Paragraph and replace):

~~The cost for lead compliance plan and implementation shall be considered as included in the various other bid items and no additional compensation will be made therefore.~~

Temporary advance notification signs on Type III barricades shall be placed at all work zone entry points a minimum of 7 days prior to the start of construction at each roadway section. The signs must be 48" x 60" and include the anticipated construction start and completion dates. Reference City Standard Specification Section 11-13.

Traffic Control System (3rd Paragraph):

Notify adjacent residents and business in writing 14 calendars day before the scheduled street closure. Include the closure schedule and duration of closures in the notification. **Local access must be maintained at all times for traffic to all residences, businesses, and driveways within the construction zone. This includes, but is not limited to, waste management**

(Turlock Scavenger), delivery (USPS, FedEx, etc.), and other City provided services. If the contractor's operations impact the providers' regularly scheduled services, alternative accommodations must be provided to the satisfaction of the Engineer at the Contractor's expense.

Portable Changeable Message Sign (2nd Paragraph):

Portable changeable message signs will be measured by the unit from actual count ***provided for the entire duration of construction.*** The contract unit price paid for portable changeable message sign shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing, placing, operating, maintaining, repairing, replacing, transporting from location to location and removing the portable changeable message signs, as shown on the plans, as specified in City Standard Specifications and these Special Provisions, and as directed by the Engineer.

Storm Water Pollution Prevention Plan (SWPPP) (7th Paragraph):

Measurement and payment for prepare SWPPP, as described herein, shall be made at the contract Lump Sum price stated in the proposal. Full compensation for all work involved in the preparation, completion, and revision, including submitting permit registration documents ***and paying all fees,*** will be considered as included in the lump sum price paid for prepare SWPPP.

Earthwork (6th Paragraph):

Roadway excavation will be measured and paid by the cubic yard and the volume is determined from the average end areas and the distance between them. ***This item will be a final pay item. See section 9-1.02C of the State Standard Specifications.***

Full Depth Reclamation – Cement (4th Paragraph):

The cement content must be 5 percent by dry weight of FDR—cement with a dry unit weight of 4.4 lb/sf, except an increase or decrease in the cement content may be ordered based on your mix design. ***The mix designs shall be submitted to and authorized by the Engineer prior to cold planning the AC pavement.*** During progress of the work, if you encounter an isolated area that requires more cement than described in the mix design for that area, notify the Engineer before applying the cement.

Minor Concrete (8th Paragraph):

Prior to installation of all form work, you shall be required to notify the Engineer a minimum of 48 hours in advance of scheduled formwork activities. The Engineer shall review the survey results and determine if the preparation of the building pad area is in conformance with the project plans and specifications. You shall not proceed with installing formwork until after it is determined that the ~~building pad area~~ ***formwork*** is in conformance with the project plans and specifications. After formwork is in place and prior to pouring any concrete, you shall notify the Engineer a minimum of 48 hours in advance for a survey of form work. Upon completion of the survey, the Engineer may either approve or disapprove of the form work. You shall not proceed with pouring concrete until after the Engineer has certified that the area is in compliance with the project plans and specifications. You shall be required to correct this work in a manner acceptable to the Engineer if found to not be in conformance with the project plans and specifications at your expense.

Install Roadside Sign (1st and 2nd Paragraph):

Contractor shall install sign panels, sign posts and foundations in accordance with **City Standard ST-11 and ST-12** ~~Stanislaus County Standard Plate No. 3-12~~ and these Special Provisions.

Sign panels must comply with the latest version of the California Uniform Traffic Control Devices (CA MUTCD) and **City Stanislaus County Standard Plates**. All signs shall be high intensity prismatic.

Item No. 6:

Delete sheets 1 (T-1), 6 (X-1), 12 (DM-5), 19 (L-1), 20 (L-2), 23 (L-5), 51 (CD-22), 59 (G-1), 60 (G-2), 63 (G-5), 67 (G-9), 69 (G-11), 70 (G-12), 71 (G-13), 72 (G-14), 73 (G-15), 79 (G-21), 81 (G-23), 82 (G-24), 83 (G-25), 84 (TH-1), 97 (TH-14), and 98 (TH-15).

Replace sheets with 1 (T-1), 6 (X-1), 12 (DM-5), 19 (L-1), 20 (L-2), 23 (L-5), 51 (CD-22), 59 (G-1), 60 (G-2), 63 (G-5), 67 (G-9), 69 (G-11), 70 (G-12), 71 (G-13), 72 (G-14), 73 (G-15), 79 (G-21), 81 (G-23), 82 (G-24), 83 (G-25), 84 (TH-1), 97 (TH-14), and 98 (TH-15) attached to this addendum.

Revisions consist of extending reconstruction of curb, gutter, 1 driveway and 2 pathways along El Capitan Dr. from STA 30+85 to 32+75, additional Traffic Handling Sheets for roadway segments not previously shown, and minor callout corrections.

End of Addendum No. 1

BIDDING FORM

City of Turlock is hereinafter called the Owner.

BIDDER: _____

The work to be done and referred to herein is in City of Turlock and in Stanislaus County, State of California. It is shown on a set of Plans, entitled: Roads Program Capital Improvement Project Plan Package 2 and is to be constructed in accordance with the Project Specifications and contract documents attached hereto by reference.

In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

- A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents and the following Addenda, receipt of all which is hereby acknowledged.

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and became familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

The undersigned, as Bidder, declares that the only persons, or parties interested in this proposal as principals are those named herein, that this proposal is made without collusion with any other person, firm or corporation; that he has carefully examined the location of the proposed work, the Plans and Specifications referred to, the referenced proposed contract, and the Bidder proposes and agrees that, if this proposal is accepted, he will contract with the Owner to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the contract in the manner and time therein prescribed, and according to the requirements as therein set forth, and that he will take in full payment therefor the following unit prices as set forth in the Bid Schedule below.

CITY OF TURLOCK

Project No. 23-031 Roads Program Capital Improvement Project Plan Package 2

BID SCHEDULE

Item	Description	Quantity	Unit	Unit Price	Total
General					
1.	Potholes Existing Utilities	1	LS	\$ _____	\$ _____
2.	Construction Funding Signs	6	EA	\$ _____	\$ _____
3.	Traffic Control System	1	LS	\$ _____	\$ _____
4.	Portable Changeable Message Sign	4	EA	\$ _____	\$ _____
5.	Job Site Management	1	LS	\$ _____	\$ _____
6.	Prepare Storm Water Pollution Prevention Plan	1	LS	\$ _____	\$ _____
7.	Erosion and Dust Control BMPs	1	LS	\$ _____	\$ _____
8.	Construction Staking	1	LS	\$ _____	\$ _____
9.	Remove Concrete (Flatwork)	980	SY	\$ _____	\$ _____
10.	Remove Concrete (Curb)	1870	LF	\$ _____	\$ _____
11.	Remove Concrete (Curb and Gutter)	4260	LF	\$ _____	\$ _____
12.	Remove Concrete (Pathway)	445	SF	\$ _____	\$ _____
13.	Clearing and Grubbing	1	LS	\$ _____	\$ _____
14.	Remove Tree	3	EA	\$ _____	\$ _____
15.	Roadway Excavation (F)	610	CY	\$ _____	\$ _____
16.	12" Reinforced Concrete Pipe	22	LF	\$ _____	\$ _____

Item	Description	Quantity	Unit	Unit Price	Total
17.	Full Depth Reclamation - Cement	42200	SY	\$ _____	\$ _____
18.	Cement (Full Depth Reclamation - Cement)	840	TON	\$ _____	\$ _____
19.	Mix Design (Full Depth Reclamation - Cement)	1	LS	\$ _____	\$ _____
20.	Hot Mix Asphalt (Type A)	10580	TON	\$ _____	\$ _____
21.	Cold Planing AC Pavement	42200	SY	\$ _____	\$ _____
22.	Install Drainage Inlet	1	EA	\$ _____	\$ _____
23.	48" Precast Concrete Manhole	1	EA	\$ _____	\$ _____
24.	Minor Concrete (Curb and Gutter)	6200	LF	\$ _____	\$ _____
25.	Minor Concrete (Curb Ramp)	1070	SF	\$ _____	\$ _____
26.	Minor Concrete (Sidewalk)	3510	SF	\$ _____	\$ _____
27.	Minor Concrete (Pathway)	445	SF	\$ _____	\$ _____
28.	Minor Concrete (Alley)	1560	SF	\$ _____	\$ _____
29.	Minor Concrete (Valley Gutter)	3460	SF	\$ _____	\$ _____
30.	Minor Concrete (Driveway)	5045	SF	\$ _____	\$ _____
31.	Detectable Warning Surface (Truncated Domes)	240	SF	\$ _____	\$ _____
32.	Adjust Drainage Inlet to Grade	19	EA	\$ _____	\$ _____
33.	Adjust Manhole Frame and Cover (Utility)	19	EA	\$ _____	\$ _____
34.	Remove and Replace Monument	7	EA	\$ _____	\$ _____
35.	Adjust Frame and Cover to Grade	36	EA	\$ _____	\$ _____
36.	Remove Roadside Sign	7	EA	\$ _____	\$ _____
37.	Roadside Sign - One Post	22	EA	\$ _____	\$ _____
38.	Thermoplastic Traffic Stripe	4740	LF	\$ _____	\$ _____

been awarded to bidder and is ready for signature, the City of Turlock may, at its option, determine that the bidder has abandoned his contract, and thereupon this proposal and the acceptance thereof shall be null and void.

Also accompanying this proposal is an affidavit of non collusion and questionnaire to general contractors, a statement of proposed sub contractors, if any, the address of mill, shop or office of any sub contractor, and a statement of work to be performed by sub contractors.

The names and addresses of persons interested in the foregoing proposal as principals are as follows:

(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a partnership, state true name of firm, also names of all individual co partners composing firm; if bidder or other interested person is an individual, state first and last name in full.)

Licensed in accordance with an act providing for the registration of Contractors,
License No. _____ Expiration Date _____.

DATED: _____, 20 _____

Address: _____

Phone: _____

X _____
Signature of Bidder

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officers authorized to sign contracts on behalf of the corporation; if bidder is a co partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts in behalf of the co partnership; and, if bidder is an individual, his signature shall be placed above. If a signature is by an agent other than an officer of a corporation or a member of the partnership, a Power of Attorney must be on file with the City Clerk prior to opening or submitted with the bid; otherwise, the bid will be disregarded as irregular and unauthorized.

CITY OF TURLOCK

CONSTRUCTION PLANS FOR ROADS PROGRAM CAPITAL IMPROVEMENT PROJECT

CITY PROJECT NO. 23-031

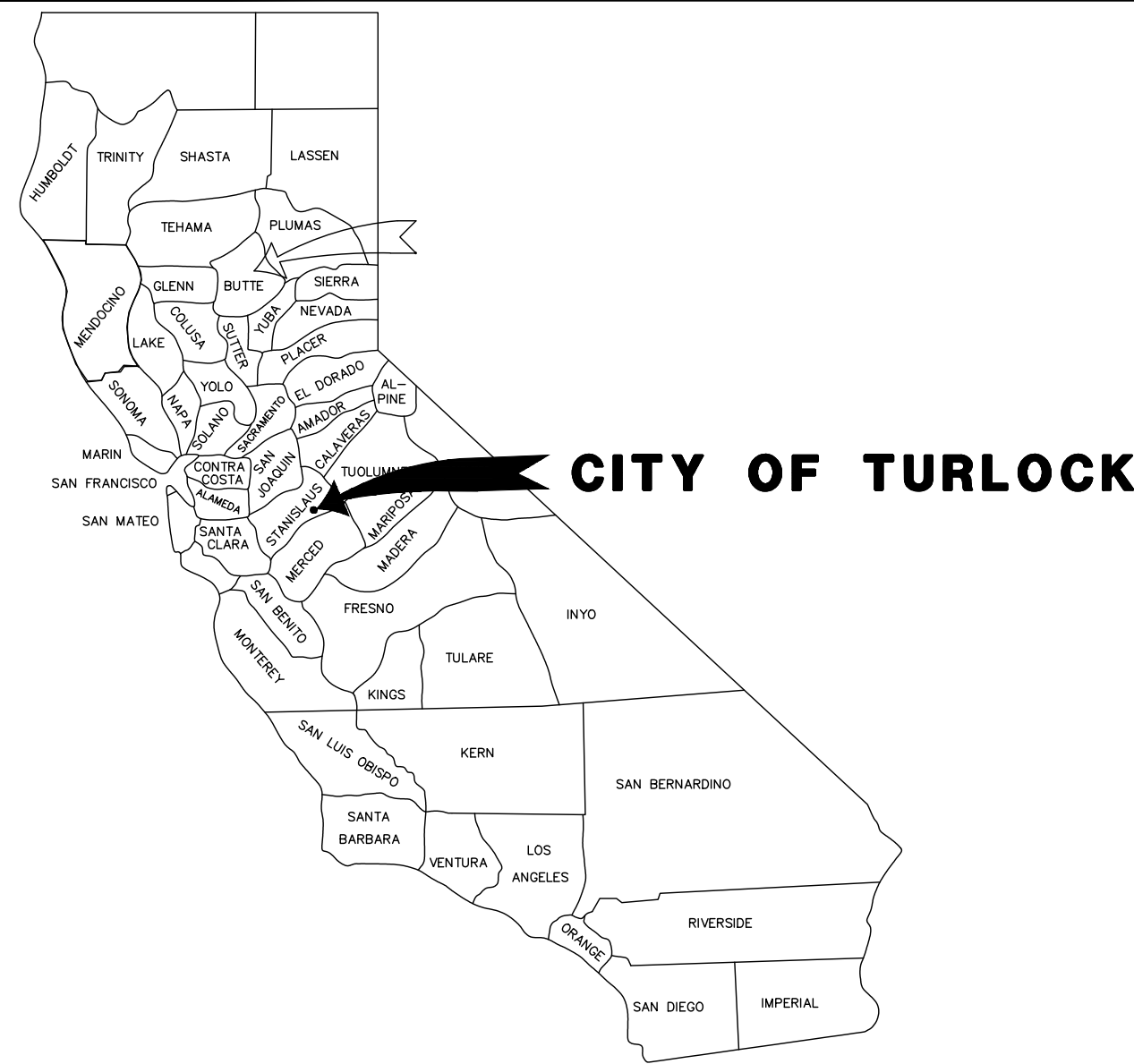
PLAN PACKAGE 2

- EL CAPITAN DR: N BERKELEY AVE TO MURPHY DR
- KENNETH DR: N BERKELEY AVE TO EAST END
- EL CAMINO DR: EL PASEO DR TO N JOHNSON RD
N JOHNSON RD TO MURPHY DR
- LA LINDA CT: EL CAPITAN DR TO EL CAPITAN DR
- N QUINCY RD: E CANAL DR TO MARIE DR
- MURPHY DR: E CANAL DR TO MIRA FLORES DR

SUPPLEMENTED BY CALTRANS STANDARD PLANS
AND STANDARD SPECIFICATIONS DATED 2023
& CITY OF TURLOCK ENGINEERING DESIGN
STANDARD SPECIFICATIONS AND DRAWINGS DATED
2016.

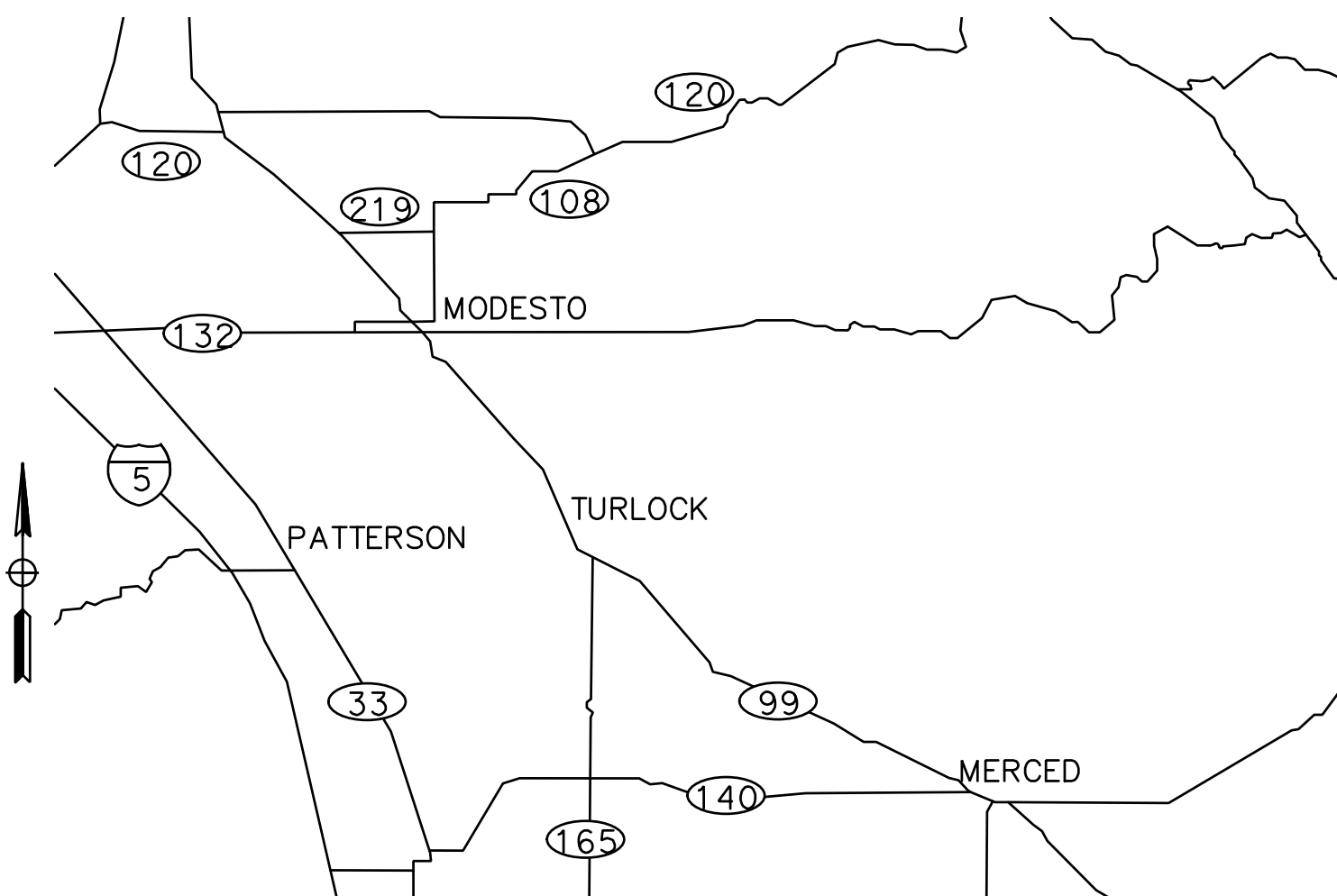
SHEET INDEX

SHEET	DRAWING	TITLE
1	T-1	TITLE SHEET
2-3	GN-1 TO GN-2	GENERAL NOTES
4	PC-1	PROJECT CONTROL
5	K-1	KEY MAP
6-7	X-1 TO X-2	TYPICAL SECTION
8-18	DM-1 TO DM-11	DEMOLITION PLANS
19-29	L-1 TO L-11	LAYOUTS
30-58	CD-1 TO CD-29	CONSTRUCTION DETAILS
59-83	G-1 TO G-25	GRADING PLANS
84-98	TH-1 TO TH-15	TRAFFIC HANDLING PLANS
99-109	SS-1 TO SS-11	SIGNING AND STRIPING



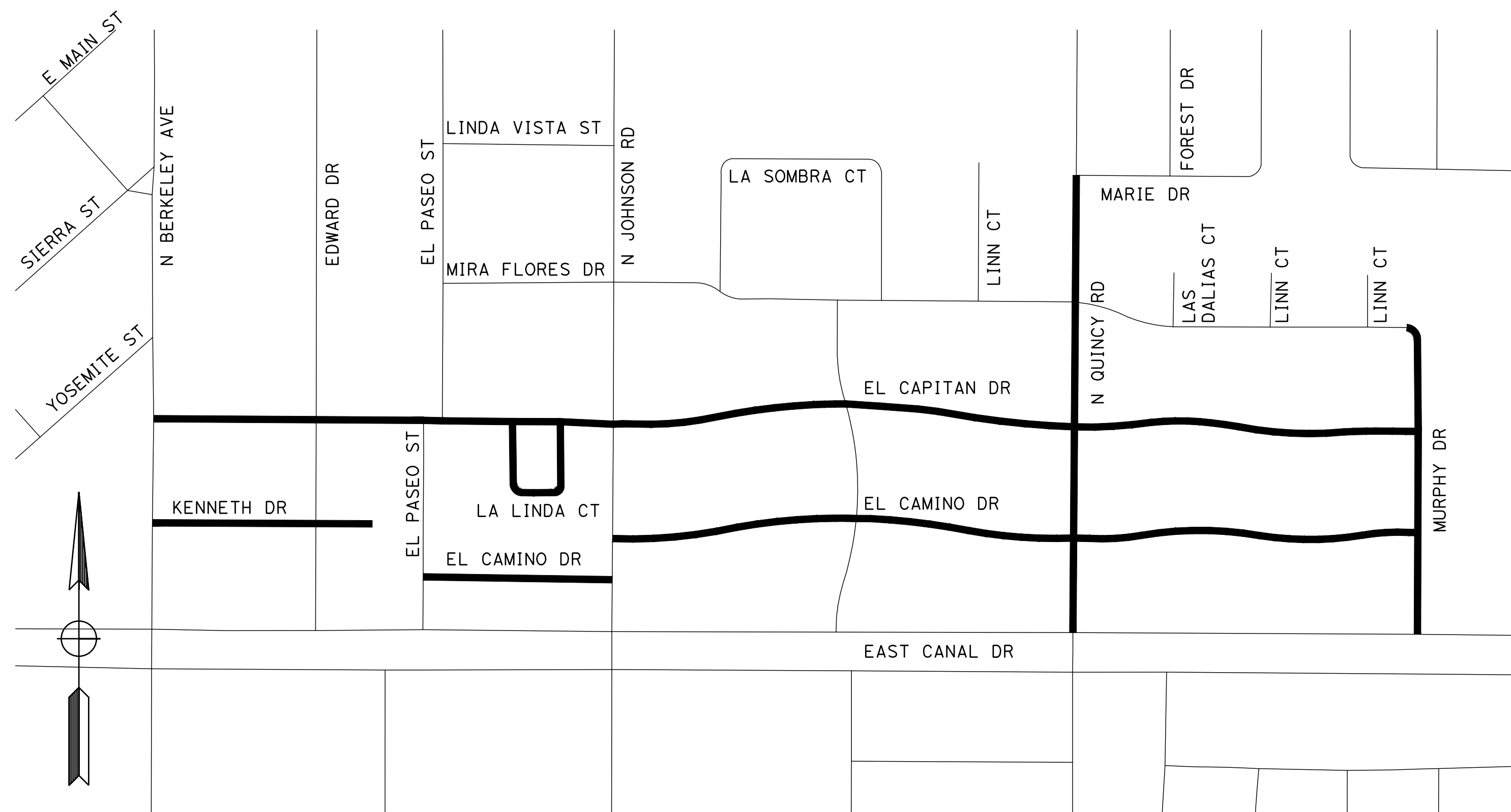
CALIFORNIA STATE MAP

NO SCALE



VICINITY MAP

NO SCALE



PROJECT LOCATION MAP

CITY OF TURLOCK APPROVAL

	DATE
WILLIAM D. MORRIS, P.E., P.L.S.	
CITY ENGINEER	
PUBLIC WORKS DEPARTMENT	

UTILITY CONTACTS

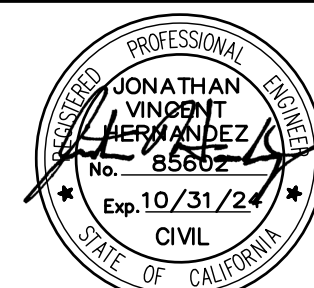
UTILITY	CONTACT	PHONE
AT&T	JIM JELLEY	(209) 507-1689
CHARTER COMMUNICATIONS	MITCHELL RODRIQUEZ	(408) 612-7569
TID ELECTRICAL	DAVID PORATH	(209) 605-0945
TID IRRIGATION	TODD TROGLIN	(209) 535-1882
CITY OF TURLOCK ELECTRICAL	DOYLE PERRY	(209) 678-5823
CITY OF TURLOCK STORM AND SEWER	CARLOS GUERRERO	(209) 345-2169
CITY OF TURLOCK WATER	ORLANDO GUITERREZ	(209) 740-3868
PG&E	TRENT MILLSAP	(209) 561-6070

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL
"UNDERGROUND SERVICE ALERT" (USA)
AT 811 AT LEAST 2 WORKING DAYS
PRIOR TO PERFORMING ANY EXCAVATION

DESIGNED BY: ANGEL P.
DRAWN BY: ANGEL P.
CHECKED BY: JON H.
SCALE: AS SHOWN
DATE: 4/2/2024
JOB NO.: 23-00109

NOTE:
ALL REFERENCES AND WRITTEN
DIMENSIONS SHALL SUPERCEDE ALL
SCALED DISTANCES AND SHALL BE
VERIFIED IN THE FIELD. ANY
DISCREPANCY SHALL BE BROUGHT TO
THE ATTENTION OF THE ENGINEER
PRIOR TO THE COMMENCEMENT OF WORK.



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701 UNIVERSITY AVENUE, SUITE 200
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(916) 381-9100 FAX:(916)381-9180
markthomas.com

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PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
156 S. BROADWAY SUIT 150
(209) 668-5520



CITY OF TURLOCK
ROADS PROGRAM - CIP

TITLE

Sheet 1 of 109 Sheets

T-1

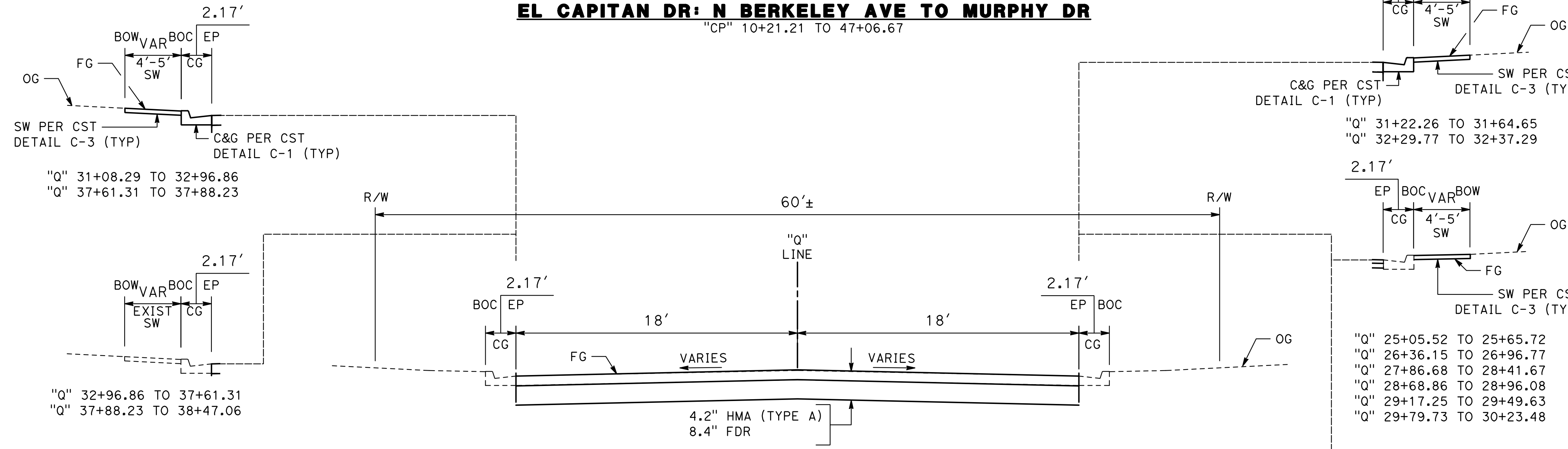
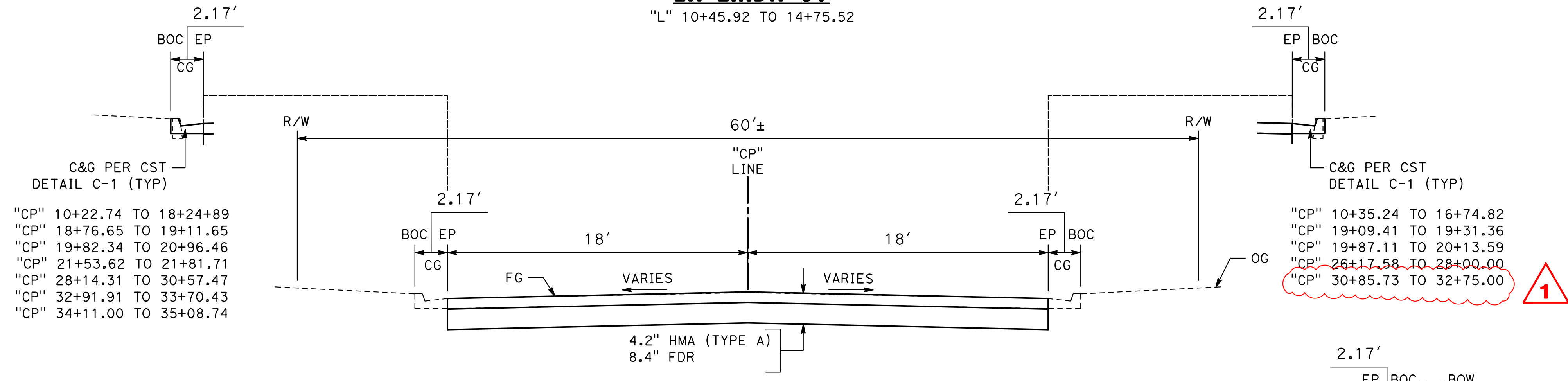
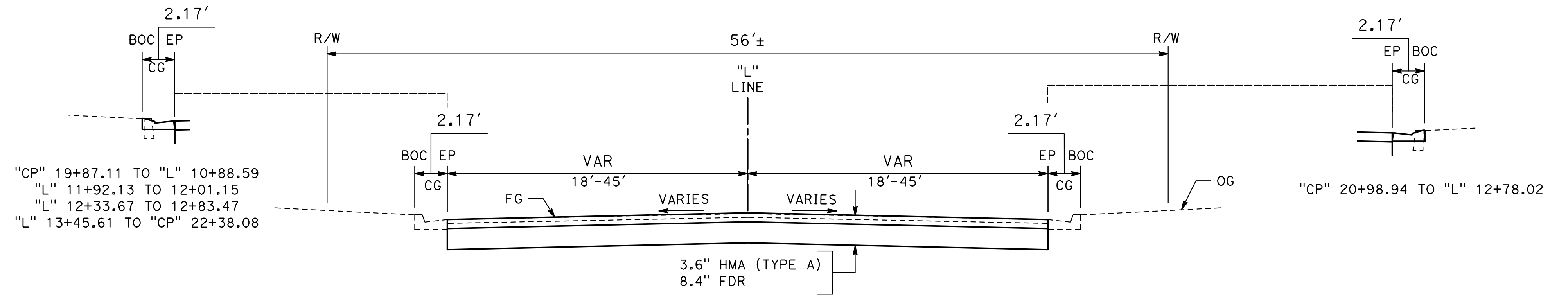
NOTE:

- FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA SEE RIGHT OF WAY RECORD MAPS AT CITY OF TURLOCK OFFICE.
- DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUBGRADE CROSS SLOPE TO BE THE SAME AS TYPICAL SURFACE CROSS SLOPE UNLESS OTHERWISE NOTED.
- FOR LOCATIONS OF PAVEMENT REHABILITATION, SEE LAYOUT SHEETS
- CONSTRUCT 6" CURB AND GUTTER PER CITY STD C-1. FOR LOCATIONS AND LIMITS OF CURB AND GUTTER REPLACEMENT, SEE LAYOUT SHEETS
- CONSTRUCT CONCRETE SIDEWALK PER CITY STD C-3. FOR LOCATIONS AND LIMITS OF SIDEWALK REPLACEMENT, SEE LAYOUT SHEETS
- PAVEMENT SHALL BE REPLACED AS SHOWN. CROSS SLOPE OF PAVEMENT SHALL MAINTAIN POSITIVE DRAINAGE. THERE SHALL BE NO LOW POINTS COLLECTING SURFACE RUNOFF.
- EXISTING CURB, GUTTER, SIDEWALK, AND DRIVEWAY SHALL BE PROTECTED IN PLACE, UNLESS OTHERWISE NOTED ON THE PLANS.
- DIMENSIONS SHOWN IN TYPICAL SECTIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY DIMENSIONS WITH THE ENGINEER IN THE FIELD.
- REMOVAL OF EXISTING PAVEMENT INCLUDES ASPHALT, AGGREGATE BASE, AND SUB BASE AS NECESSARY TO ACHIEVE REQUIRED REMOVAL DEPTH.
- WHERE THE ENTIRE EXISTING ASPHALT LAYER IS REMOVED, COMPACT AND PREPARE BASE/SUBGRADE PRIOR TO PLACING HMA.
- SEE PLANS FOR PROPOSED PAVEMENT TREATMENT WITHIN INTERSECTION GRADING LIMITS, WHERE APPLICABLE.

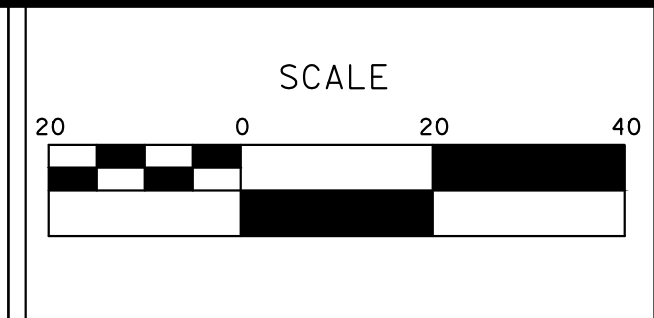
DESIGN DESIGNATION:

R-VALUE = 50 - N QUINCY RD
 50 - EL CAPITAN DR EAST OF N JOHNSON RD
 50 - EL CAPITAN DR WEST OF N JOHNSON RD
 50 - LA LINDA CT
 50 - KENNETH DR
 50 - EL CAMINO DR
 50 - EL CAMINO DR EAST OF N QUINCY DR
 50 - MURPHY DR

TI-VALUE = 8 - N QUINCY RD
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 8 - EL CAPITAN DR WEST OF N JOHNSON RD
 7 - LA LINDA CT
 7 - KENNETH DR
 7 - EL CAMINO DR
 7 - EL CAMINO DR EAST OF N QUINCY DR
 7 - MURPHY DR



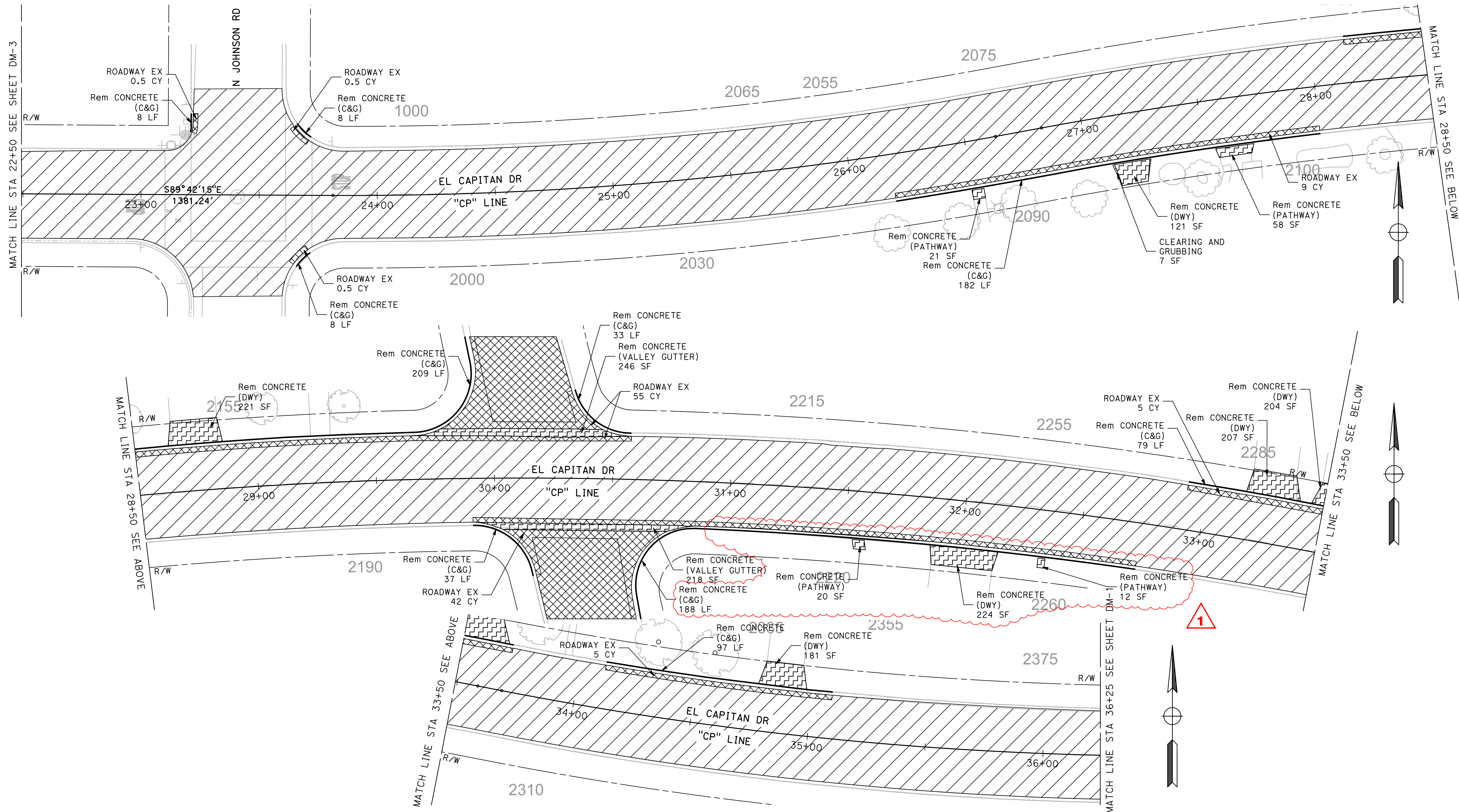
NOTE:
 ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.



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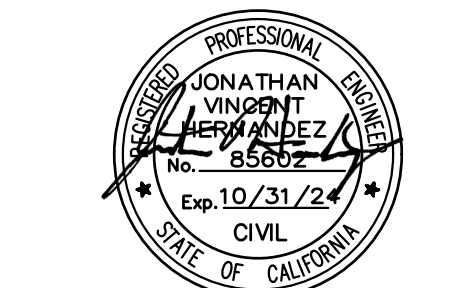
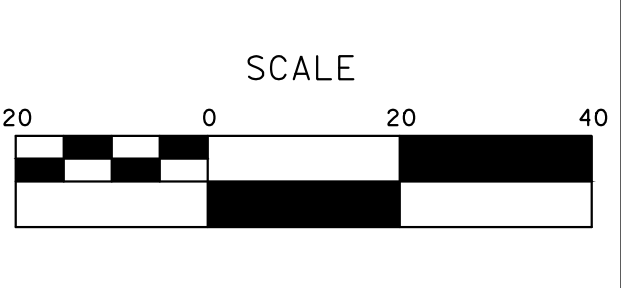
CITY OF TURLOCK
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 156 S. BROADWAY SUIT 150
 (209) 668-5520

CITY OF TURLOCK
ROADS PROGRAM - CIP
TYPICAL CROSS SECTIONS



DESIGNED BY: ANGEL P.
 DRAWN BY: ANGEL P.
 CHECKED BY: JON H.
 SCALE: AS SHOWN
 DATE: 4/2/2024
 JOB NO.: 23-00109

NOTE:
 ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.



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CITY OF TURLOCK
ROADS PROGRAM - CIP
DEMOLITION PLANS
EL CAPITAN DRIVE

Sheet **12**
 of
109 Sheets
DM-5

NOTES:

1. ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.
2. EXTREME CAUTION SHALL BE EXERCISED WHEN WORKING NEAR THE FRAGILE ASBESTOS-CONCRETE WATER LINES. THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7-8 "PRESERVATION OF PROPERTY" OF THE CITY STANDARD SPECIFICATIONS AND THE REQUIREMENTS WITHIN."
3. N QUINCY RD / EL CAPITAN DR, TI = 8
4. E CANAL DR / EL CAMINO DR / MIRA FLORES DR, TI = 7



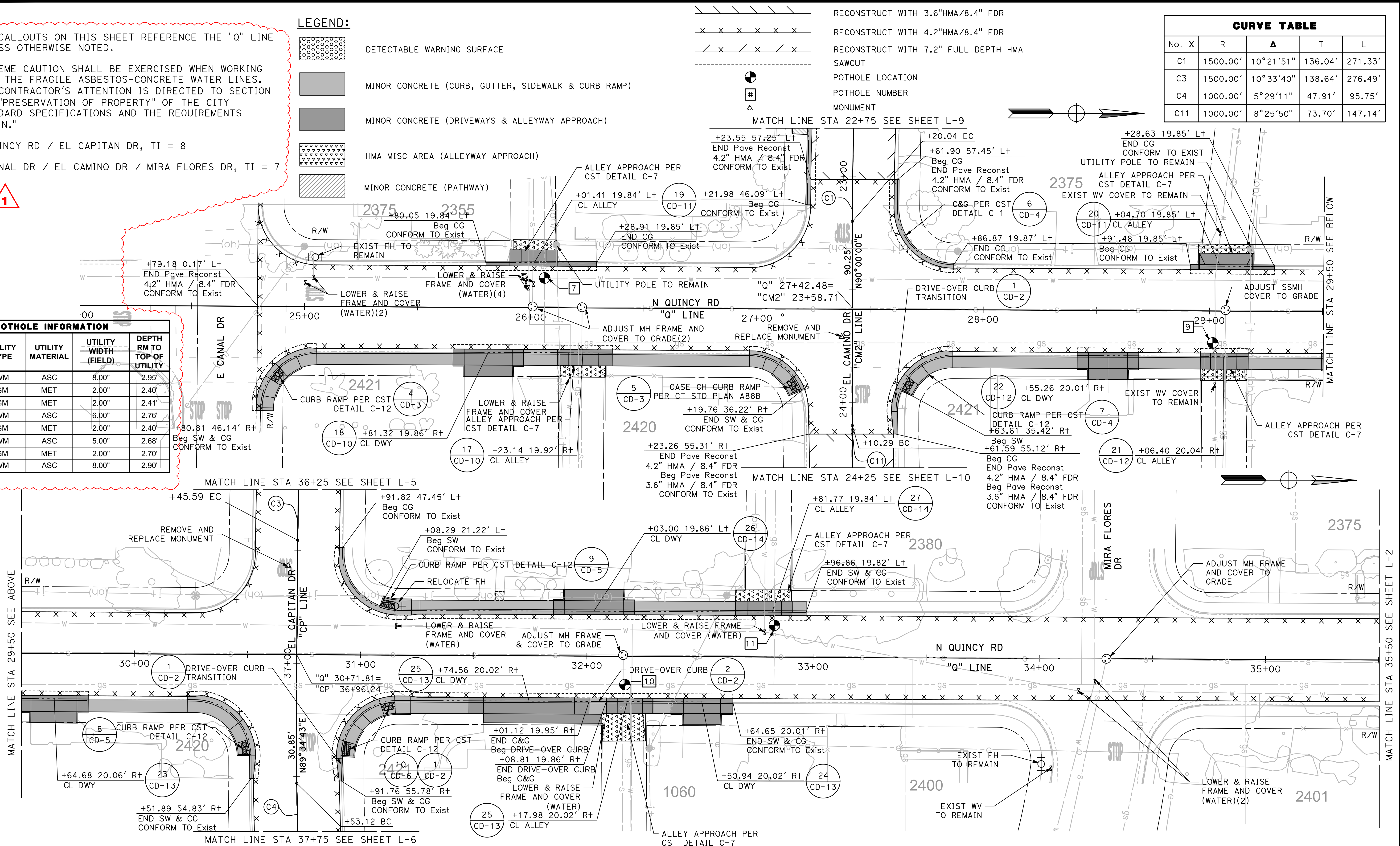
LEGEND:

- DETECTABLE WARNING SURFACE
- MINOR CONCRETE (CURB, GUTTER, SIDEWALK & CURB RAMP)
- MINOR CONCRETE (DRIVEWAYS & ALLEYWAY APPROACH)
- HMA MISC AREA (ALLEYWAY APPROACH)
- MINOR CONCRETE (PATHWAY)

- RECONSTRUCT WITH 3.6"HMA/8.4" FDR
- RECONSTRUCT WITH 4.2"HMA/8.4" FDR
- RECONSTRUCT WITH 7.2" FULL DEPTH HMA
- SAWCUT
- POT HOLE LOCATION
- POT HOLE NUMBER
- MONUMENT

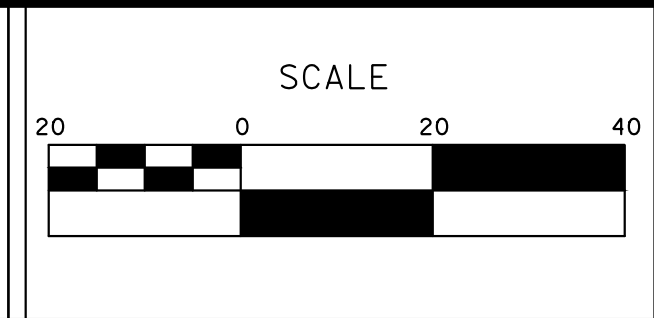
CURVE TABLE					
No.	X	R	Δ	T	L
C1		1500.00'	10°21'51"	136.04'	271.33'
C3		1500.00'	10°33'40"	138.64'	276.49'
C4		1000.00'	5°29'11"	47.91'	95.75'
C11		1000.00'	8°25'50"	73.70'	147.14'

POTHOLE INFORMATION				
TH NO	UTILITY TYPE	UTILITY MATERIAL	UTILITY WIDTH (FIELD)	DEPTH RM TO TOP OF UTILITY
TH-07	WM	ASC	8.00"	2.95'
TH-07.1	GM	MET	2.00"	2.40'
TH-09	GM	MET	2.00"	2.41'
TH-09.1	WM	ASC	6.00"	2.76'
TH-10	GM	MET	2.00"	2.40'
TH-10.1	WM	ASC	5.00"	2.68'
TH-11	GM	MET	2.00"	2.70'
TH-11.1	WM	ASC	8.00"	2.90'



DESIGNED BY: ANGEL P.
 DRAWN BY: ANGEL P.
 CHECKED BY: JON H.
 SCALE: AS SHOWN
 DATE: 4/2/2024
 JOB NO.: 23-00109

NOTE:
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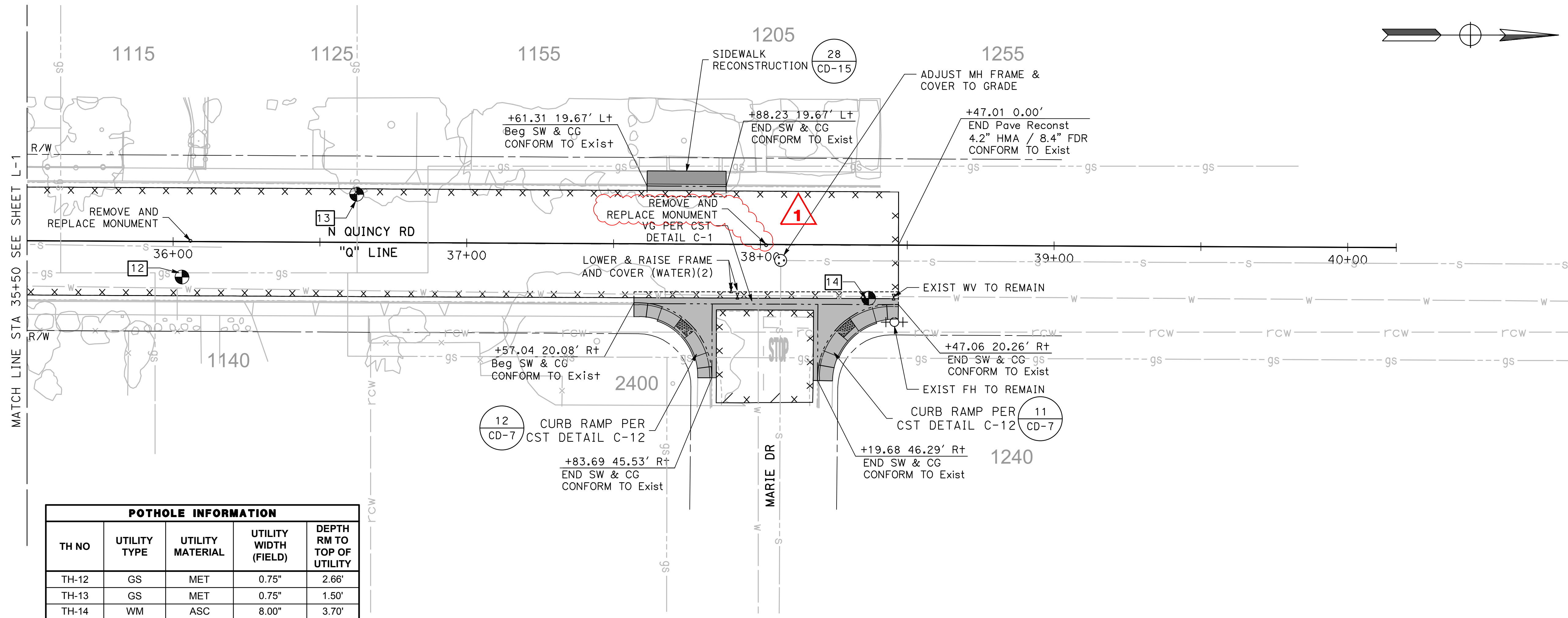


CITY OF TURLOCK
 ROADS PROGRAM - CIP
 LAYOUT
 N QUINCY ROAD

NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.

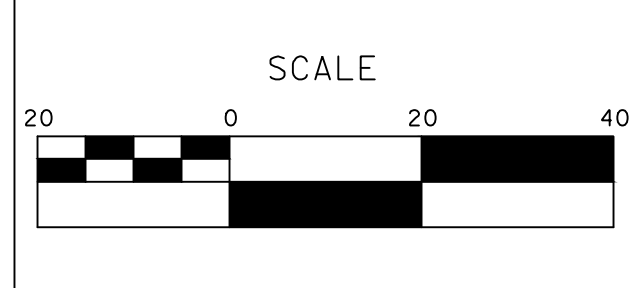
SEE LEGEND ON SHEET L-1



POTHOLE INFORMATION				
TH NO	UTILITY TYPE	UTILITY MATERIAL	UTILITY WIDTH (FIELD)	DEPTH RM TO TOP OF UTILITY
TH-12	GS	MET	0.75"	2.66'
TH-13	GS	MET	0.75"	1.50'
TH-14	WM	ASC	8.00"	3.70'

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ROADS PROGRAM - CIP
LAYOUT
N QUINCY ROAD

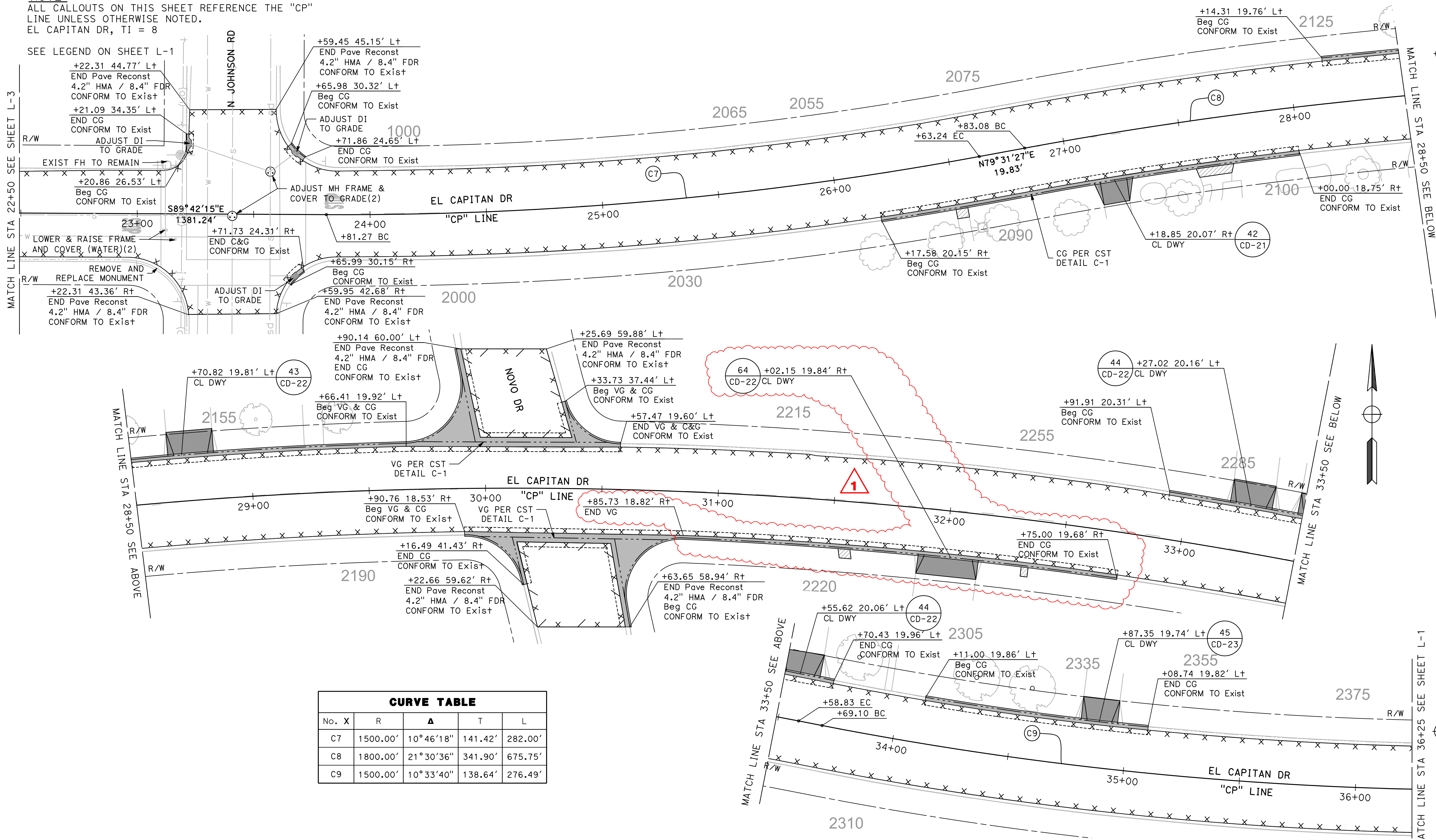
Sheet 20
 of 109 Sheets
L-2

NOTE:
 ALL CALLOUTS ON THIS SHEET REFERENCE THE "CP"
 LINE UNLESS OTHERWISE NOTED.
 EL CAPITAN DR, TI = 8

SEE LEGEND ON SHEET L-1

MATCH LINE STA 22+50 SEE SHEET L-3

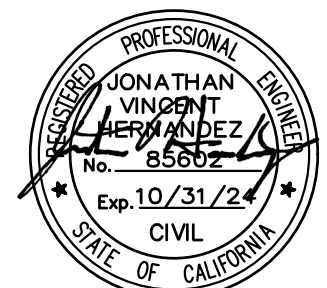
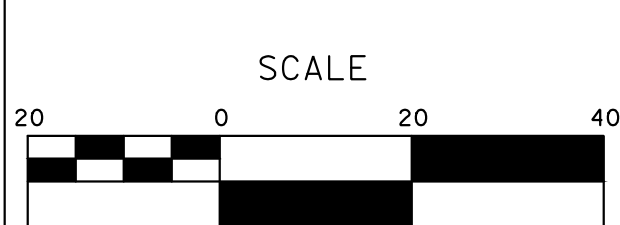
MATCH LINE STA 28+50 SEE BELOW



CURVE TABLE				
No. X	R	Δ	T	L
C7	1500.00'	10°46'18"	141.42'	282.00'
C8	1800.00'	21°30'36"	341.90'	675.75'
C9	1500.00'	10°33'40"	138.64'	276.49'

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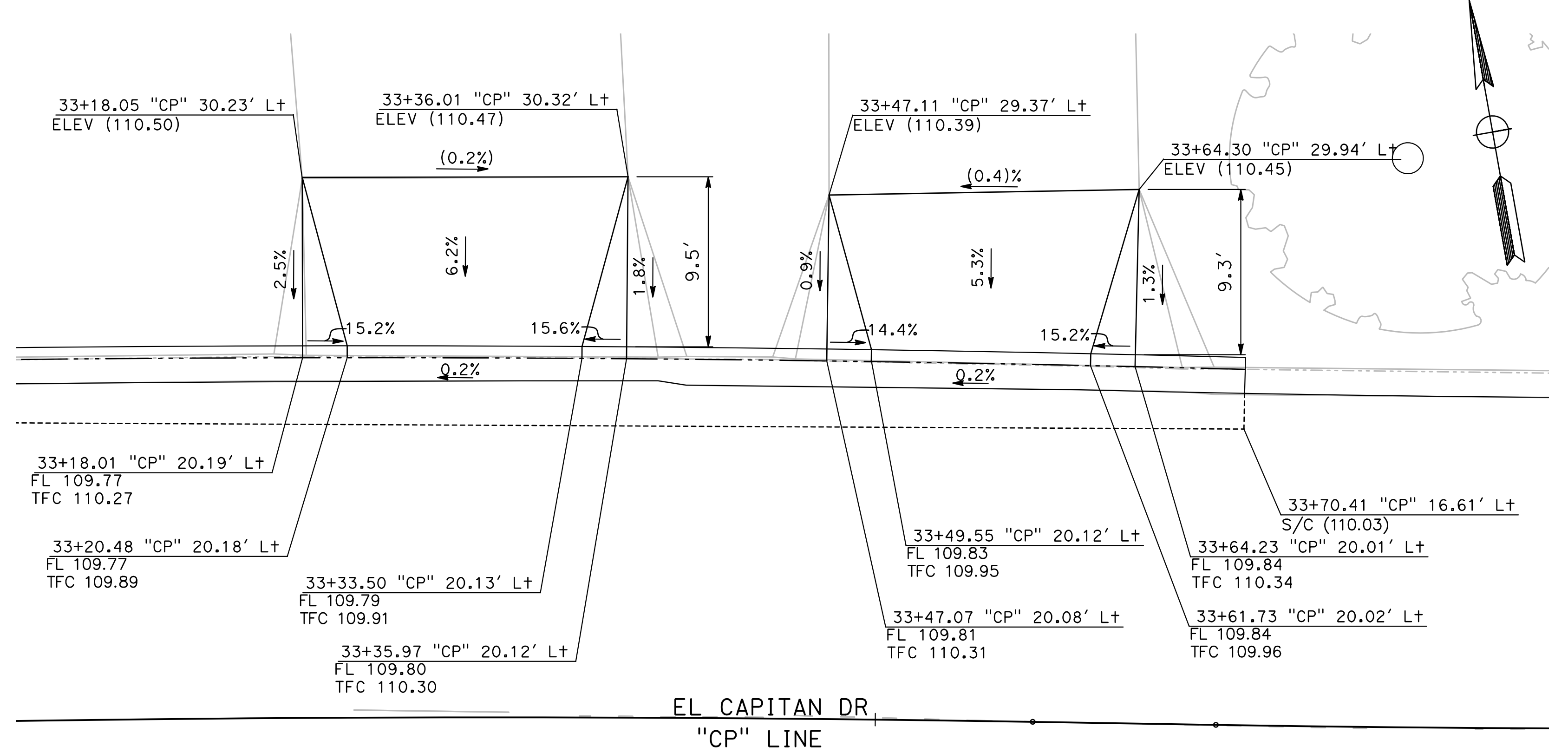
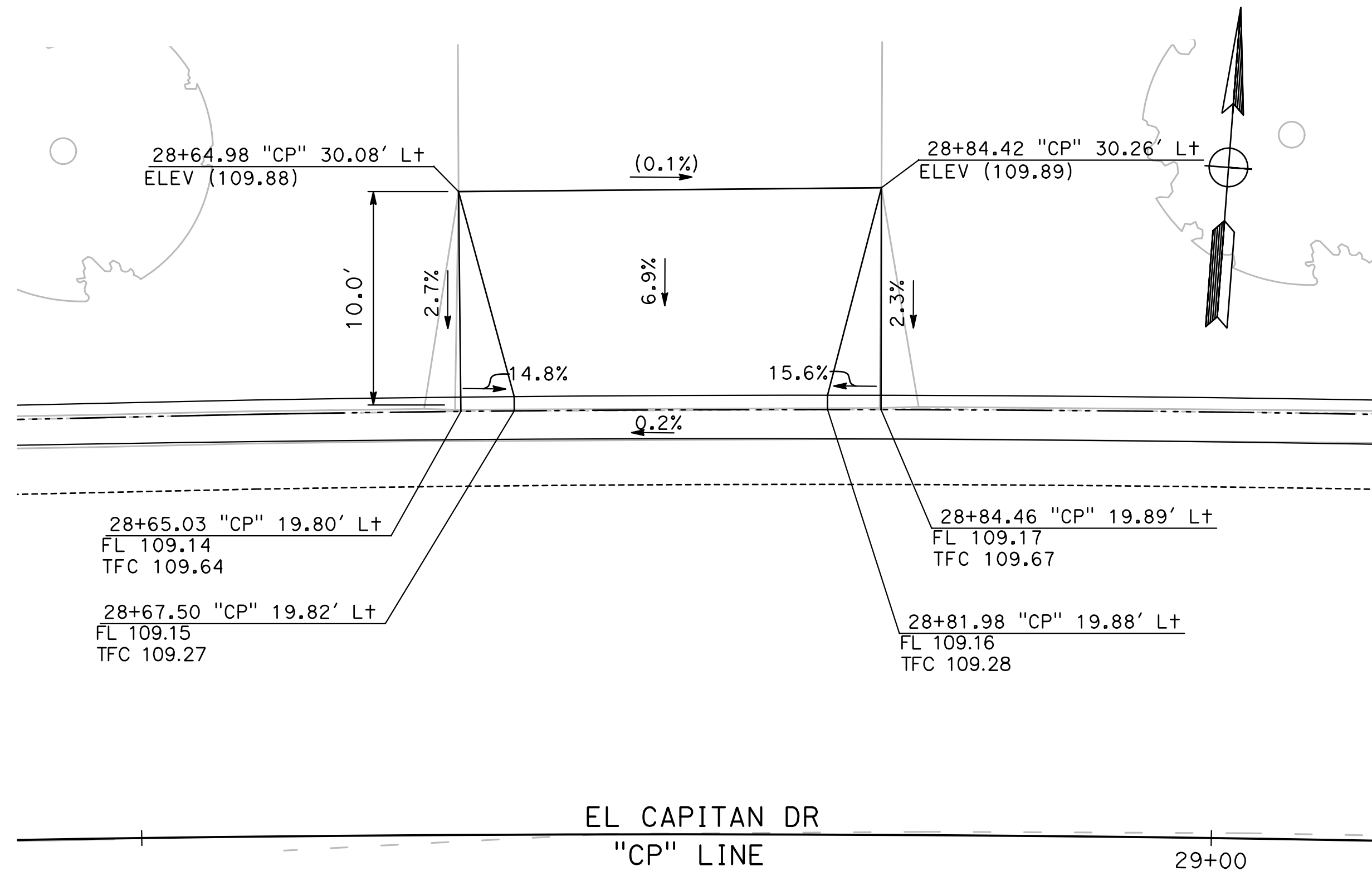


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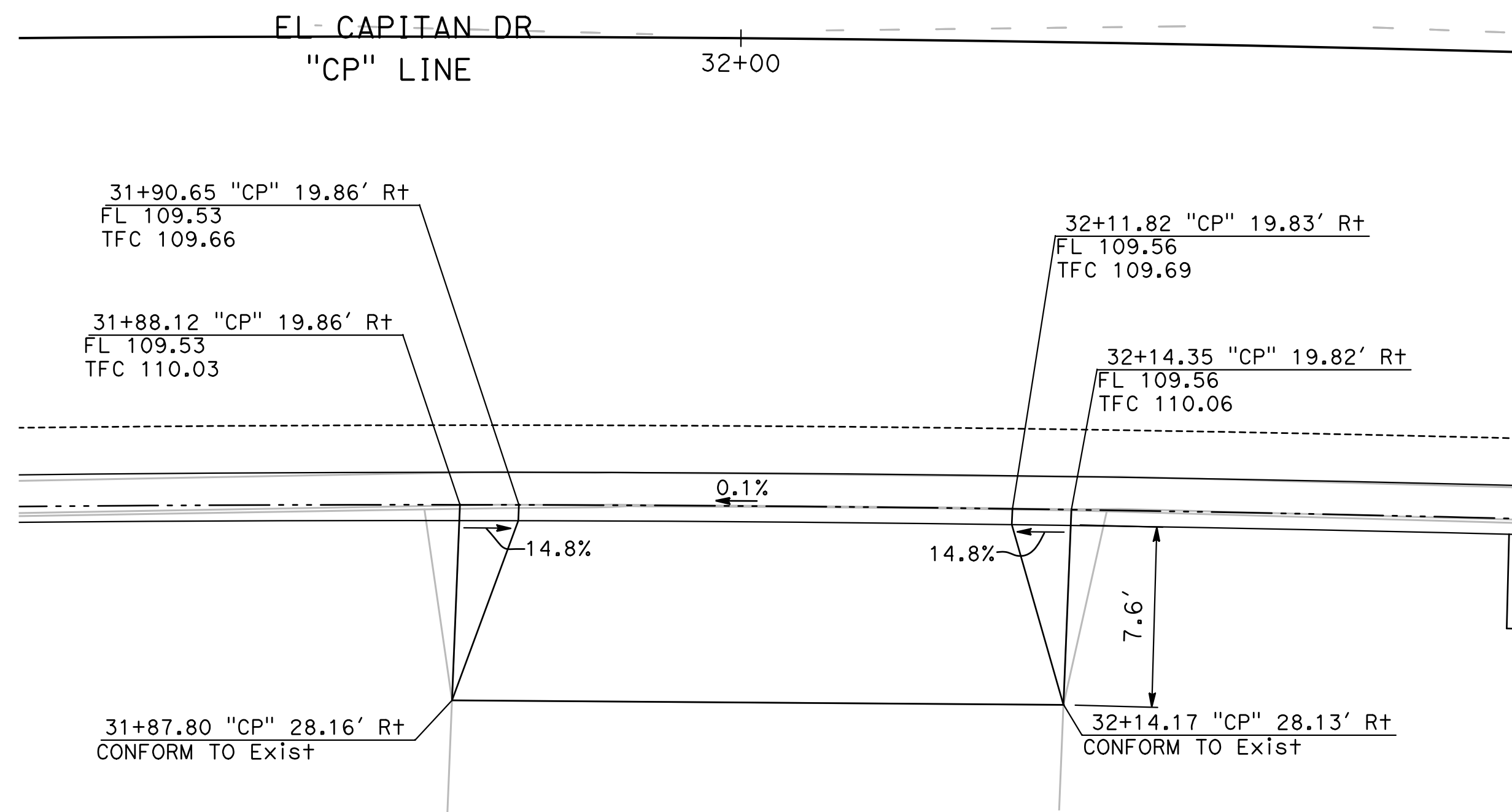
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CITY OF TURLOCK
ROADS PROGRAM - CIP
LAYOUT
EL CAPITAN DRIVE



43 DRIVEWAY 16
CD-22 SCALE: 1" = 5'

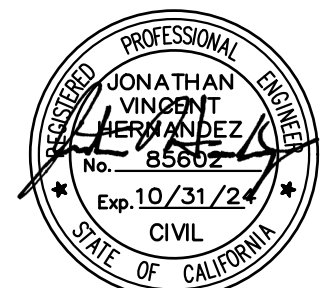
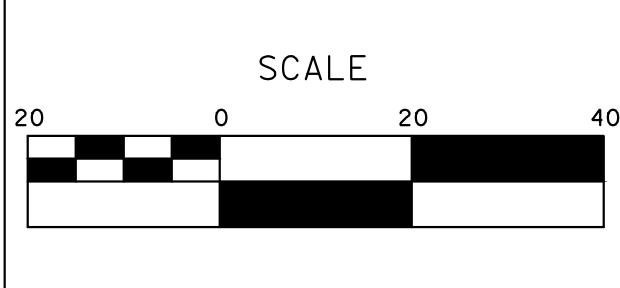


64 DRIVEWAY 18
CD-22 SCALE: 1" = 5'

44 DRIVEWAY 17
CD-22 SCALE: 1" = 5'

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JOB NO.: 23-00109

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CITY OF TURLOCK
ROADS PROGRAM - CIP
CONSTRUCTION DETAILS

Sheet **51**
of
109 Sheets
CD-22

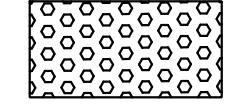


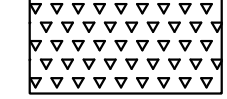
NOTE:

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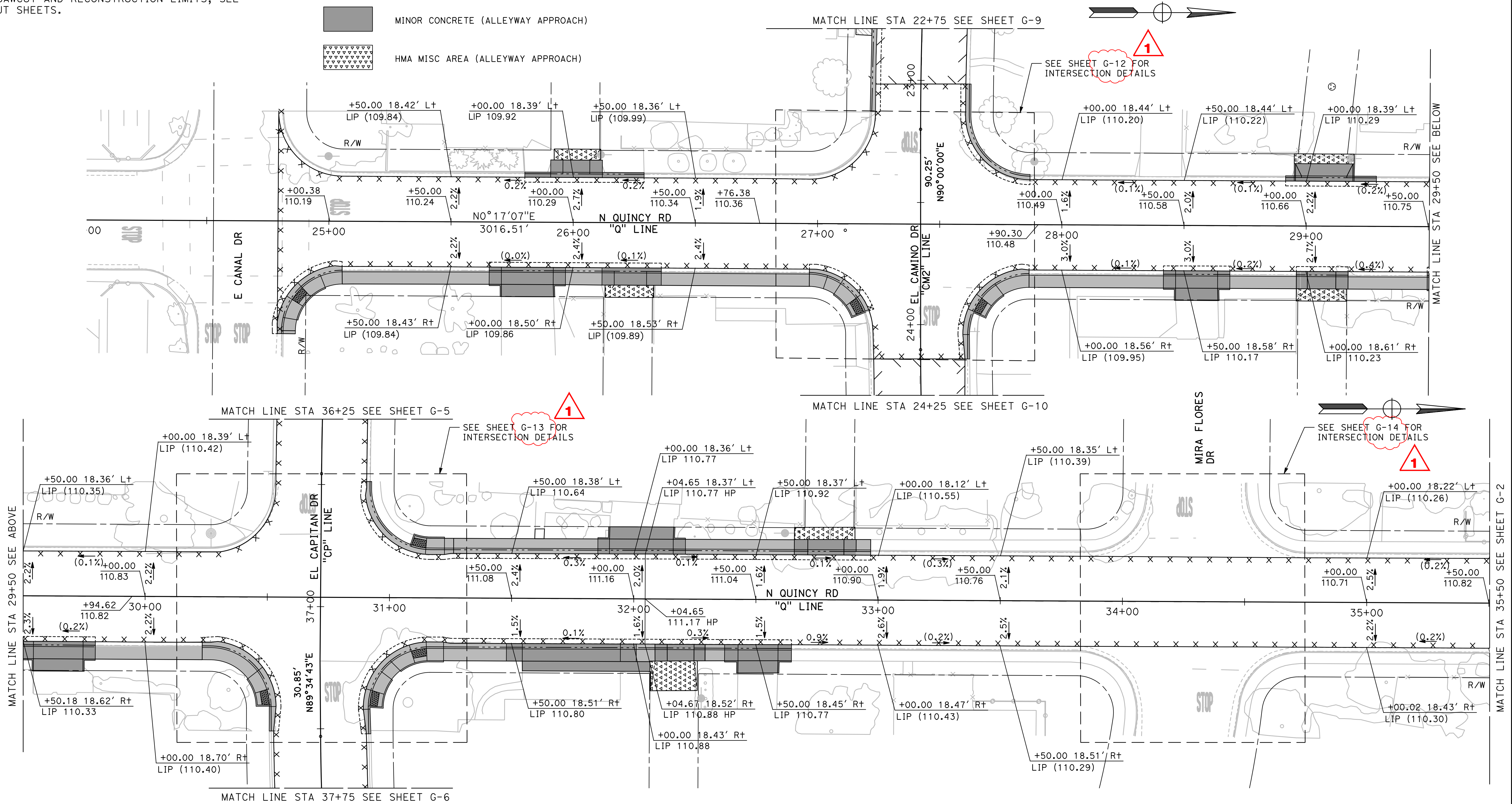
FOR CURB RAMP & ALLEY APPROACH STATION/OFFSET AND ELEVATION, SEE CONSTRUCTION DETAIL SHEETS

FOR SAWCUT AND RECONSTRUCTION LIMITS, SEE LAYOUT SHEETS.

LEGEND:

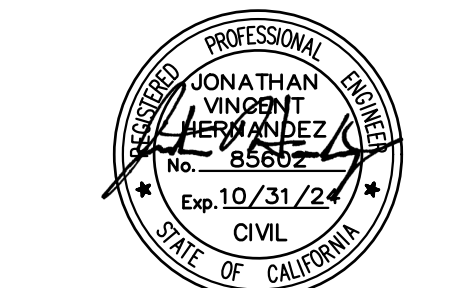
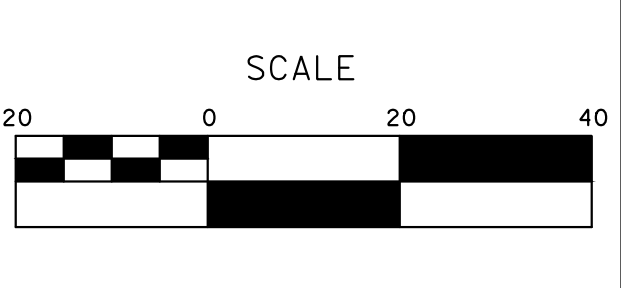
-  DETECTABLE WARNING SURFACE
-  MINOR CONCRETE (CURB, GUTTER, SIDEWALK & CURB RAMP)
-  MINOR CONCRETE (ALLEYWAY APPROACH)
-  HMA MISC AREA (ALLEYWAY APPROACH)

(XX.XX) EXISTING ELEVATION



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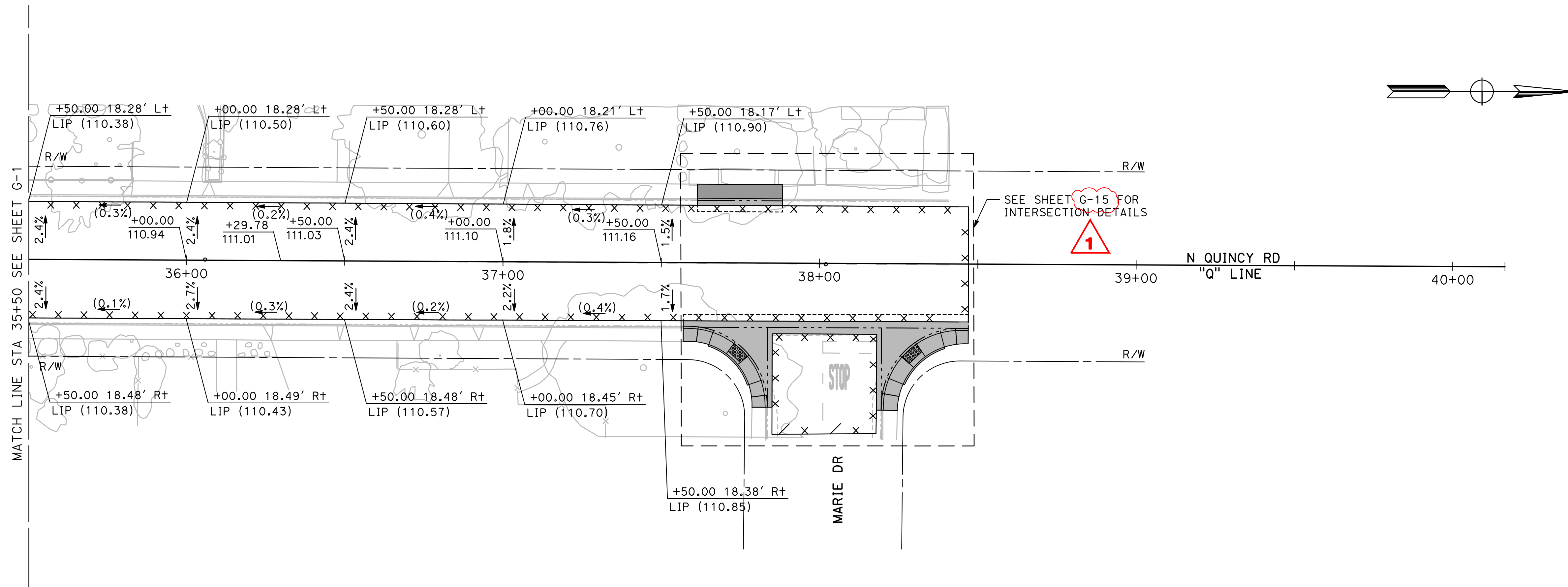
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
N QUINCY ROAD

Sheet **59**
 of **109** Sheets
G-1

NOTE:

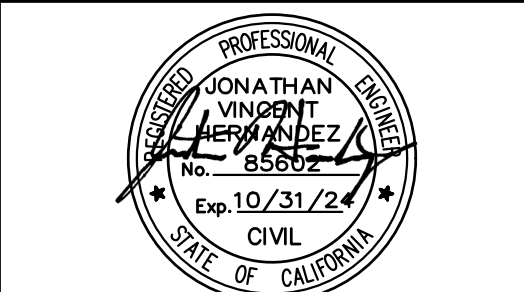
ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.

SEE LEGEND ON SHEET G-1



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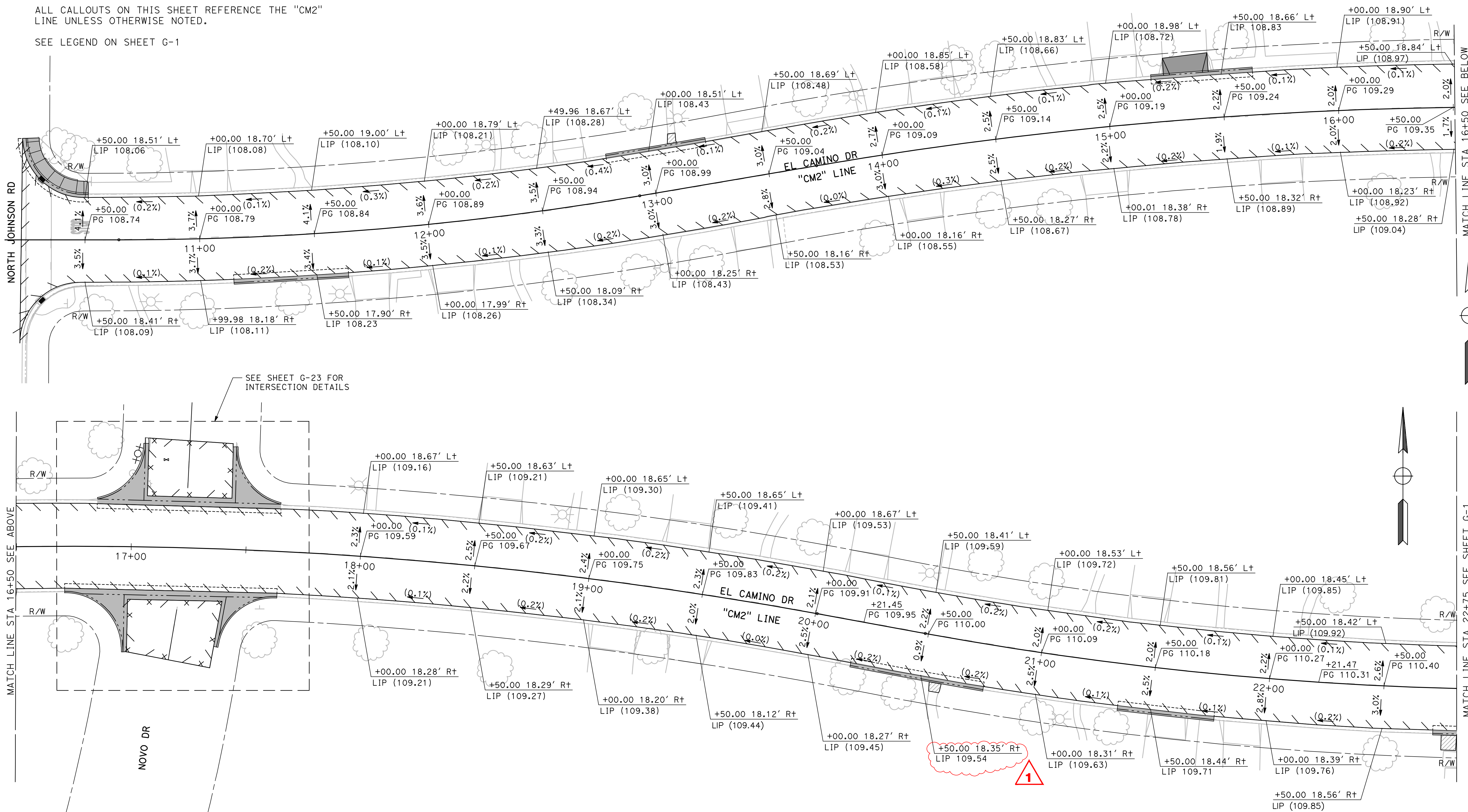
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
N QUINCY ROAD

Sheet **60**
 of
109 Sheets
G - 2

NOTE:

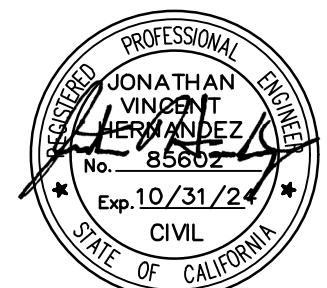
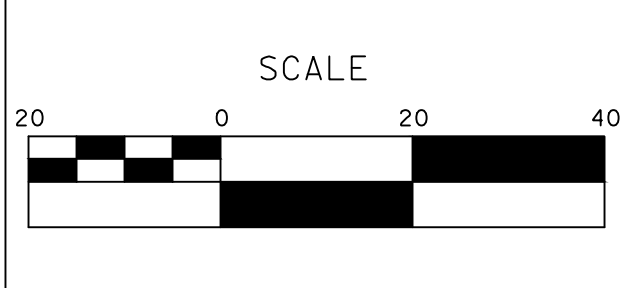
ALL CALLOUTS ON THIS SHEET REFERENCE THE "CM2" LINE UNLESS OTHERWISE NOTED.

SEE LEGEND ON SHEET G-1



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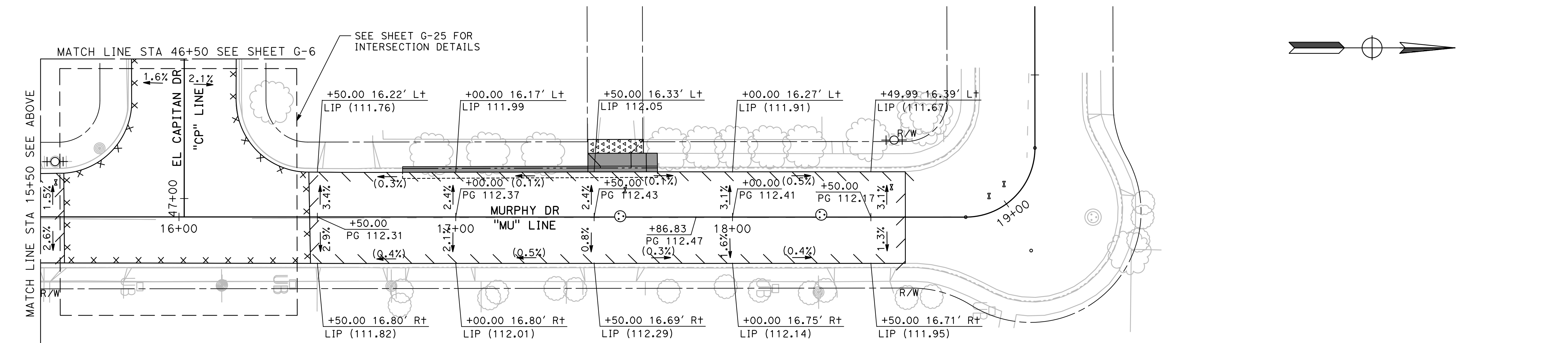
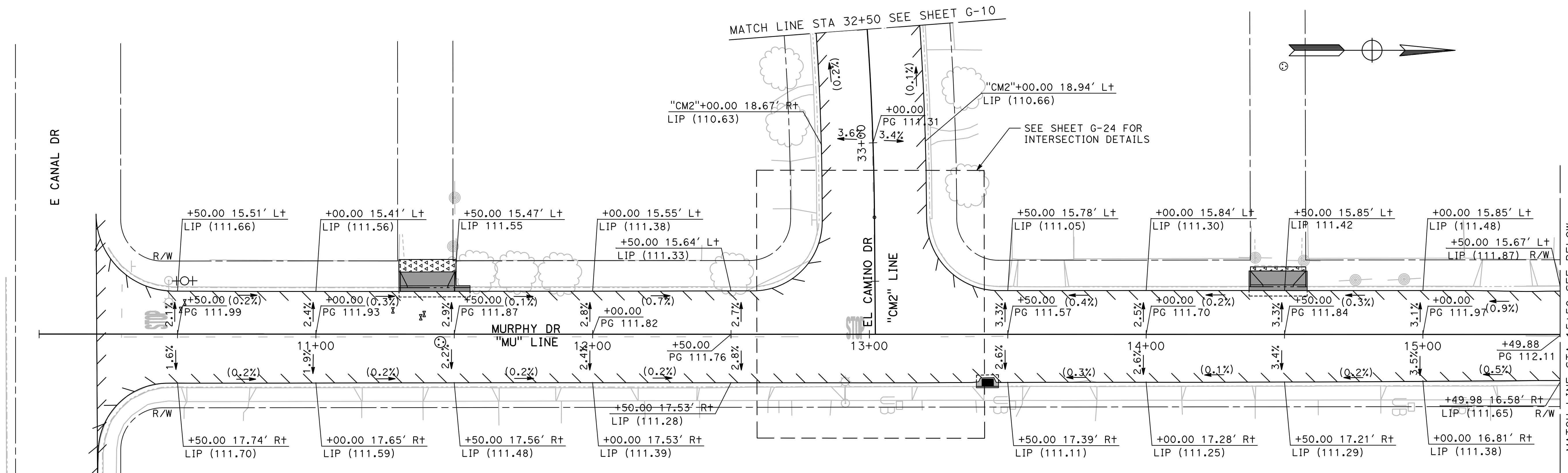
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
EL CAMINO DRIVE

Sheet **67**
 of **109** Sheets
G-9

NOTE:

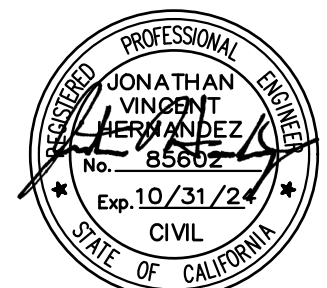
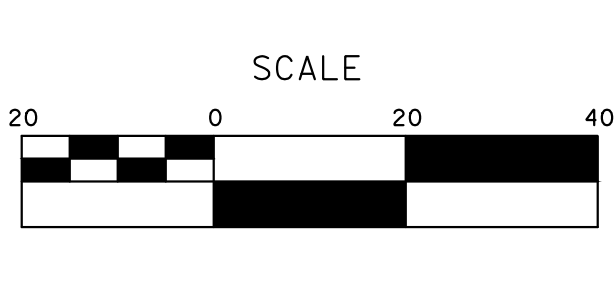
ALL CALLOUTS ON THIS SHEET REFERENCE THE "MU" LINE UNLESS OTHERWISE NOTED.

SEE LEGEND ON SHEET G-1



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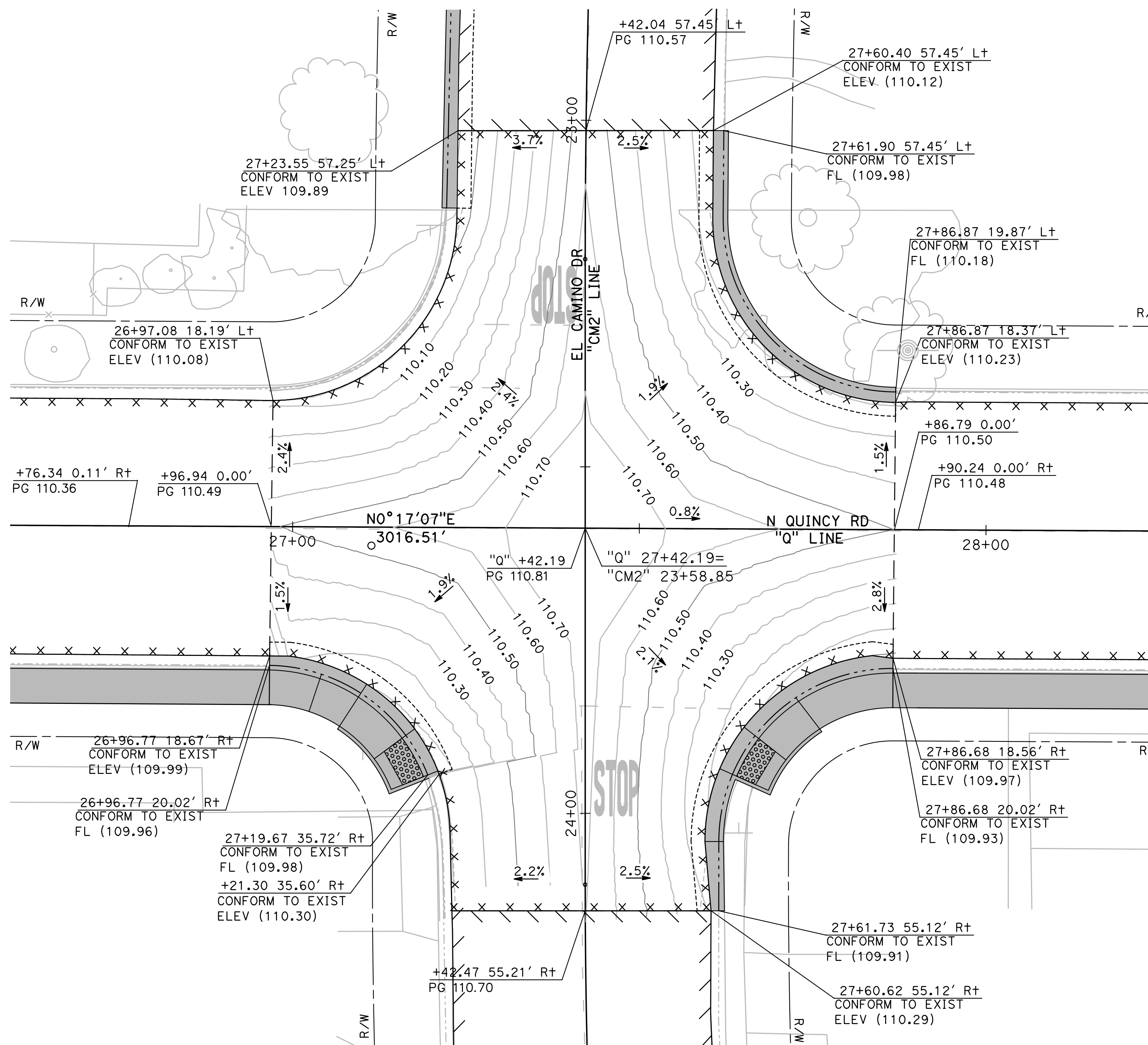
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
MURPHY DR

Sheet **69**
 of
109 Sheets
G-11

NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.

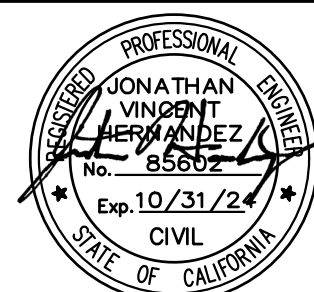
SEE LEGEND ON SHEET G-1



1 N QUINCY RD / EL CAMINO DR INTERSECTION DETAIL
 SCALE: 1" = 10'

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 CHECKED BY: JON H.
 SCALE: AS SHOWN
 DATE: 4/2/2024
 JOB NO.: 23-00109

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CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
N QUINCY ROAD

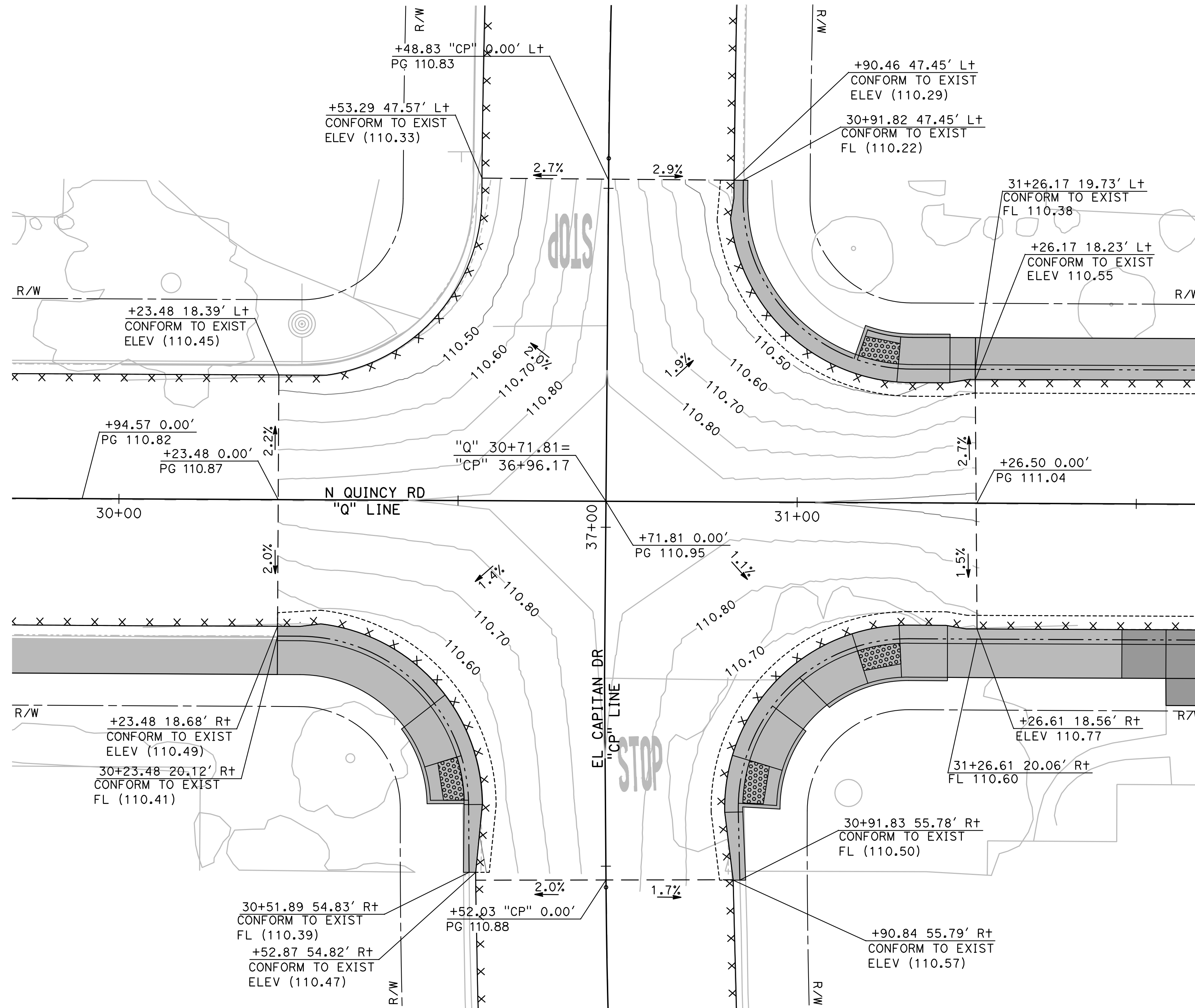
Sheet 70 of 109 Sheets

G-12

NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.

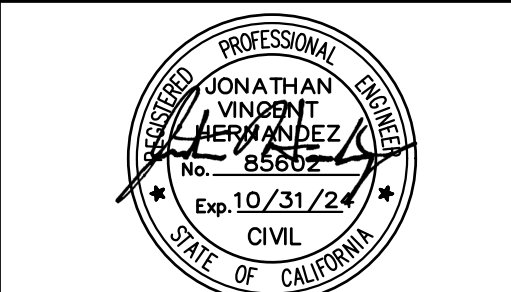
SEE LEGEND ON SHEET G-1



2 N QUINCY RD / EL CAPITAN DR INTERSECTION DETAIL
 SCALE: 1" = 10'

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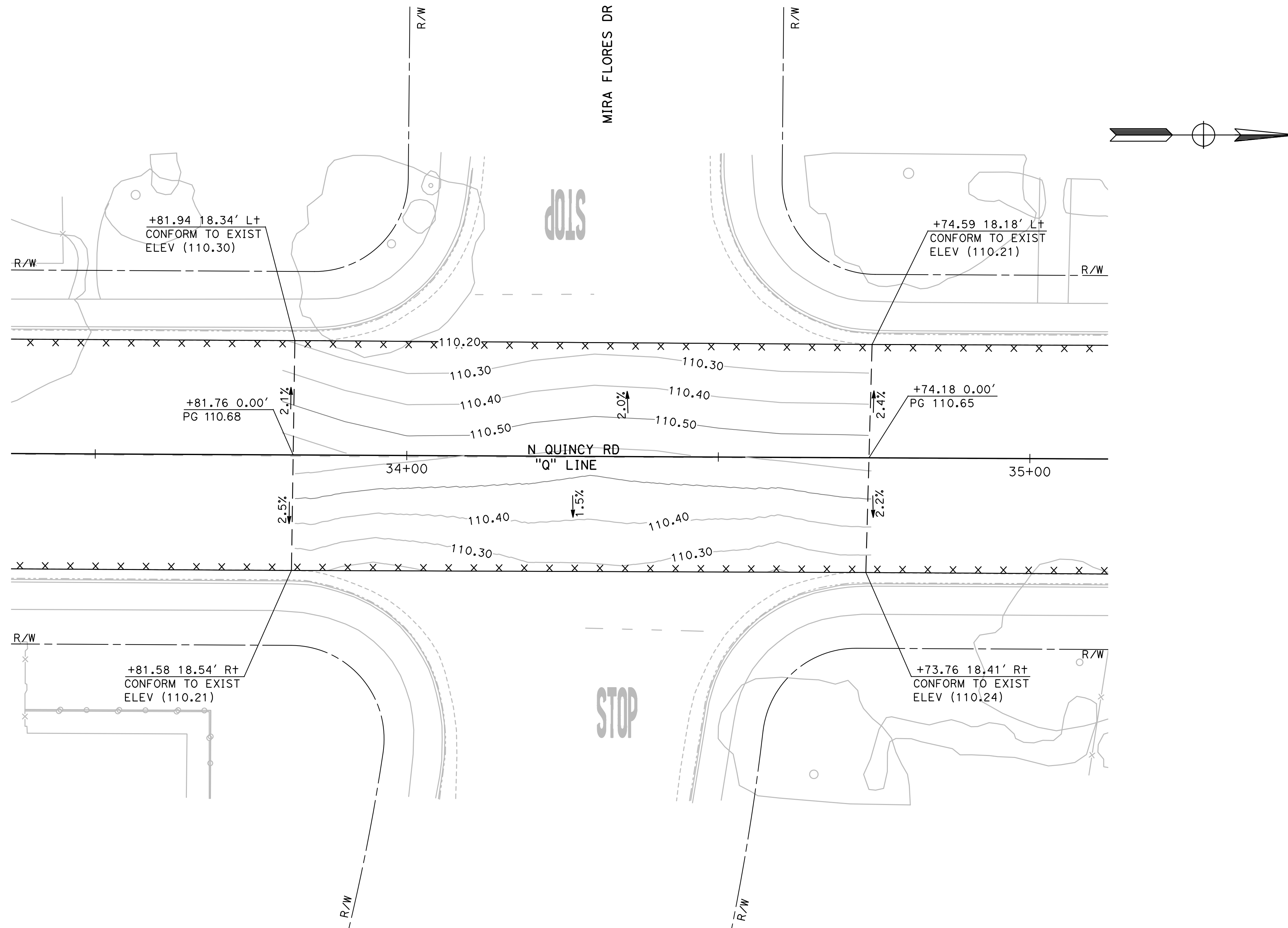


CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
N QUINCY ROAD

Sheet 71
 of 109 Sheets
G-13

NOTE:

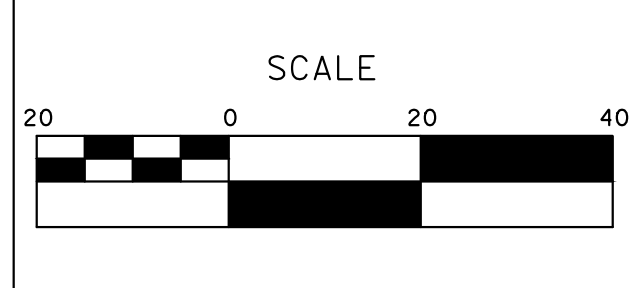
ALL CALLOUTS ON THIS SHEET REFERENCE THE "Q" LINE UNLESS OTHERWISE NOTED.



3 N QUINCY RD / MIRA FLORES DR INTERSECTION DETAIL
 #####
 SCALE: 1" = 10'

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 CHECKED BY: JON H.
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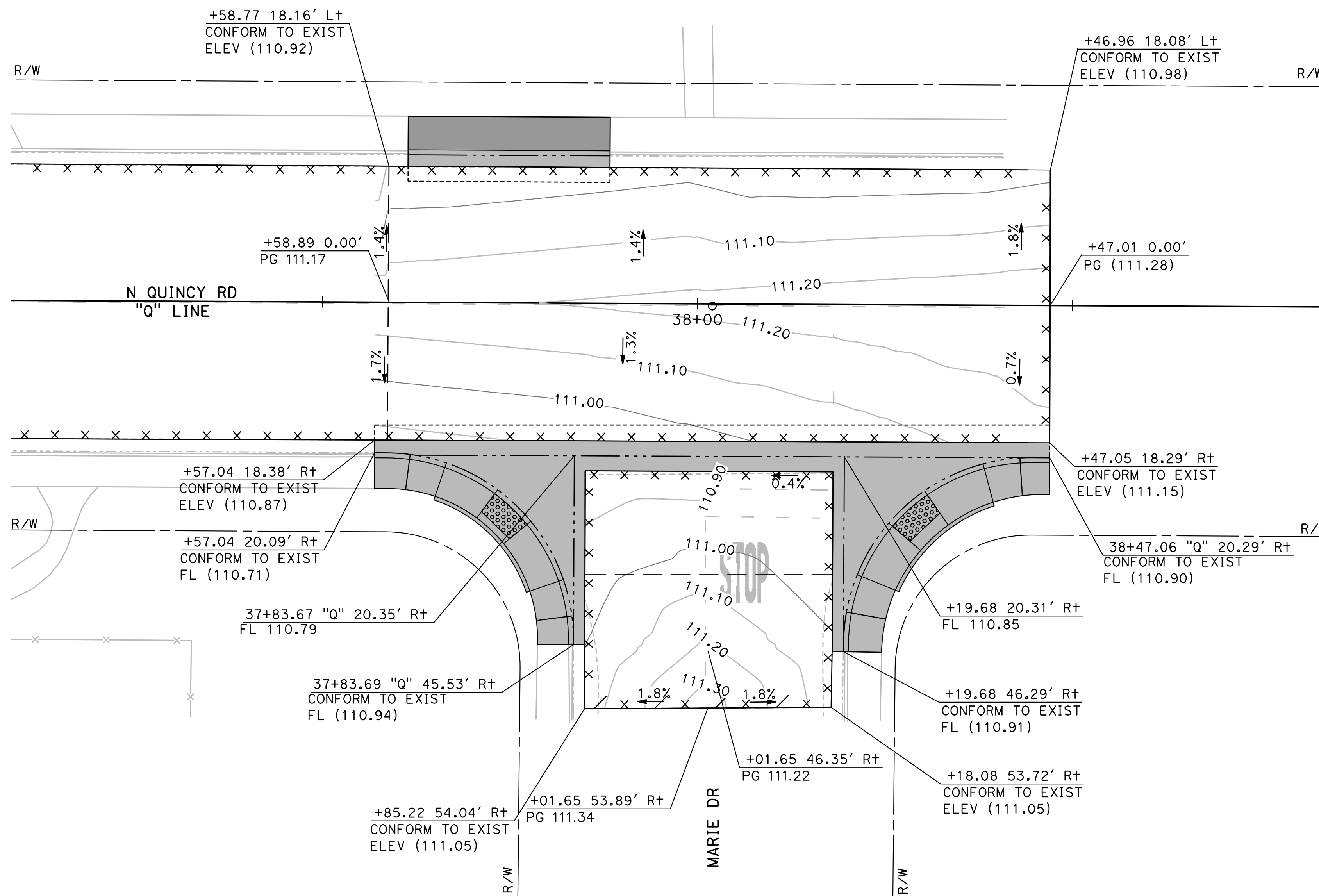
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
N QUINCY RD

Sheet 72
 of 109 Sheets
G-14

NOTE:

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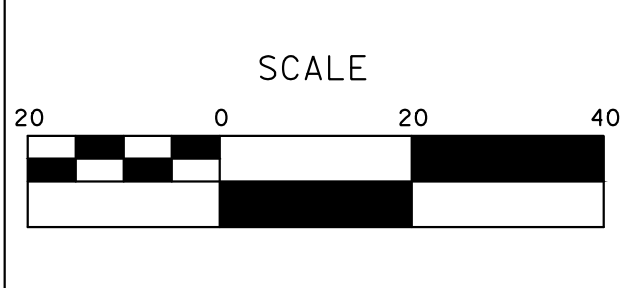
SEE LEGEND ON SHEET G-1



4 N QUINCY RD / MARIE DR INTERSECTION DETAIL
 #####
 SCALE: 1" = 10'

DESIGNED BY: ANGEL P.
 DRAWN BY: ANGEL P.
 CHECKED BY: JON H.
 SCALE: AS SHOWN
 DATE: 4/2/2024
 JOB NO.: 23-00109

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ROADS PROGRAM - CIP
GRADING PLAN
N QUINCY RD

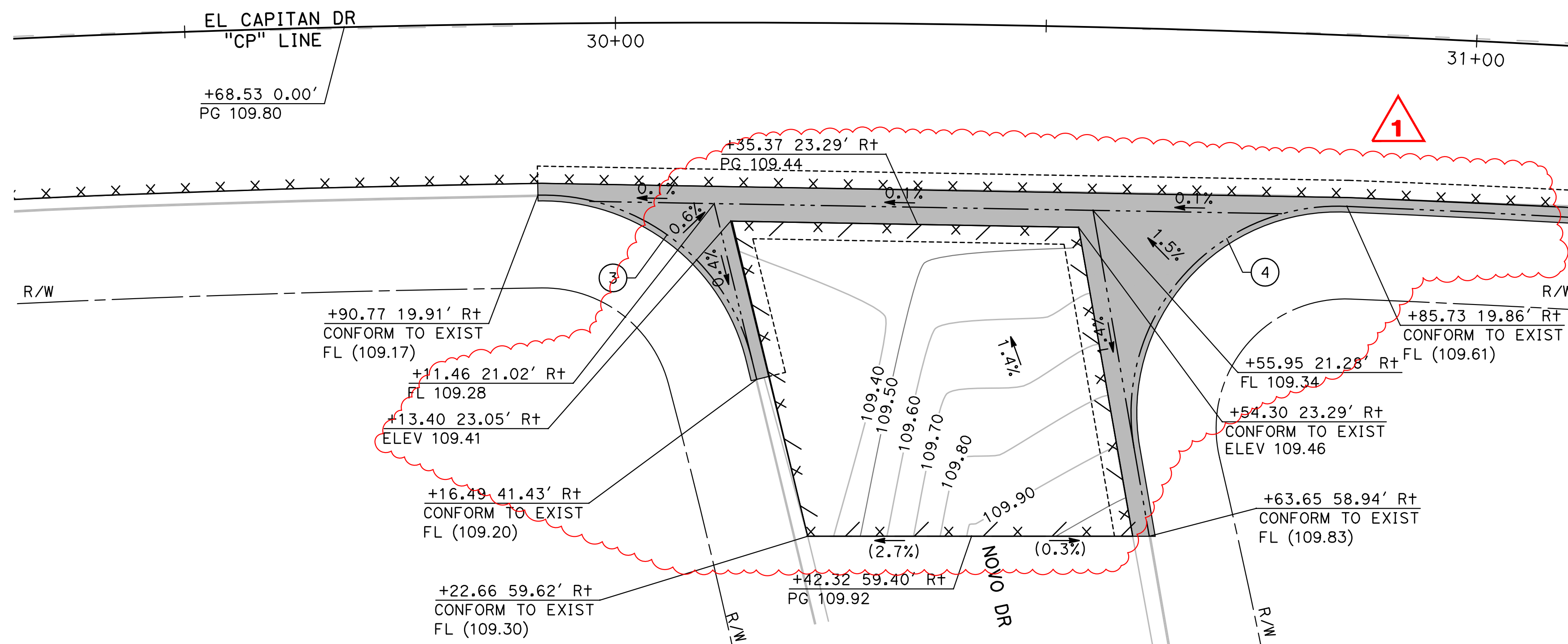
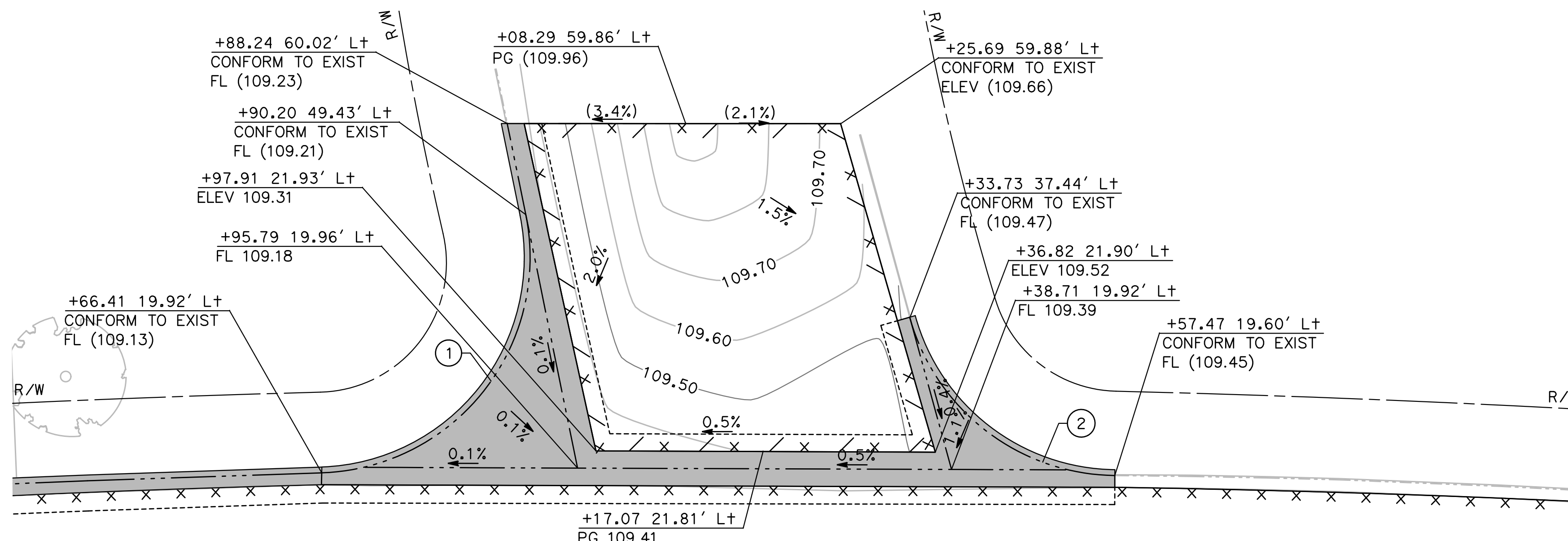
Sheet **73**
 of
109 Sheets
G-15

NOTE:

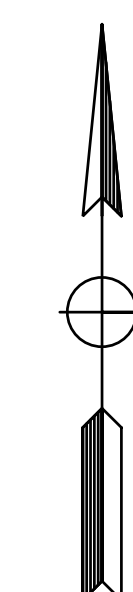
ALL CALLOUTS ON THIS SHEET REFERENCE THE "CP" LINE UNLESS OTHERWISE NOTED.

SEE LEGEND ON SHEET G-1

CURVE TABLE				
No. X	R	Δ	T	L
1	25.00'	99° 40' 25"	29.62'	43.49'
2	25.00'	73° 55' 50"	18.82'	32.26'
3	25.00'	77° 39' 51"	20.12'	33.89'
4	24.00'	102° 22' 32"	29.84'	42.88'

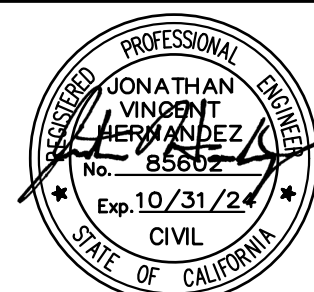
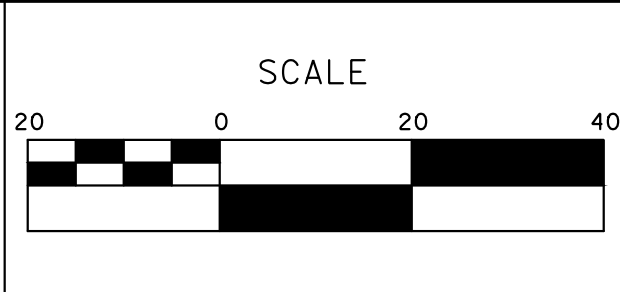


10 EL CAPITAN DR / NOVO DR INTERSECTION DETAIL
G-21 SCALE: 1" = 10'



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DRAWN BY: ANGEL P.
CHECKED BY: JON H.
SCALE: AS SHOWN
DATE: 4/2/2024
JOB NO.: 23-00109

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ENGINEERING DIVISION
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(209) 668-5520



CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
EL CAPITAN DRIVE

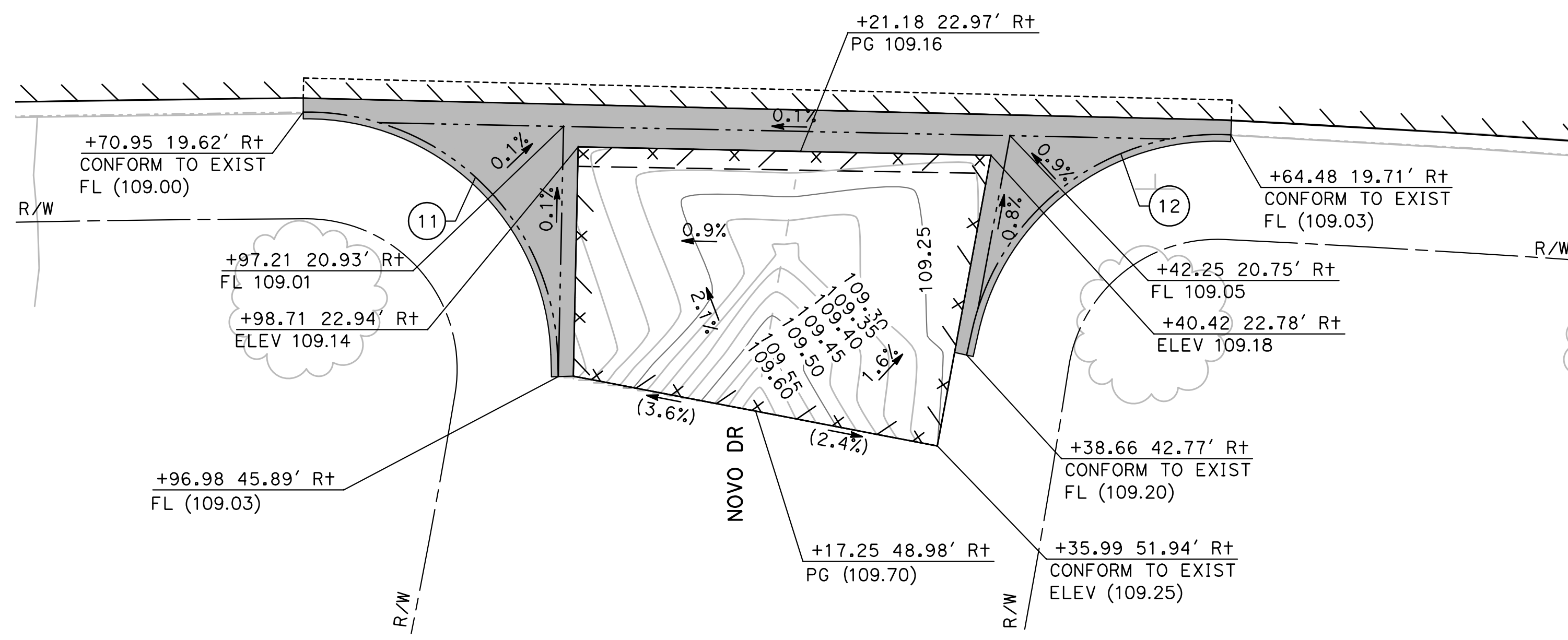
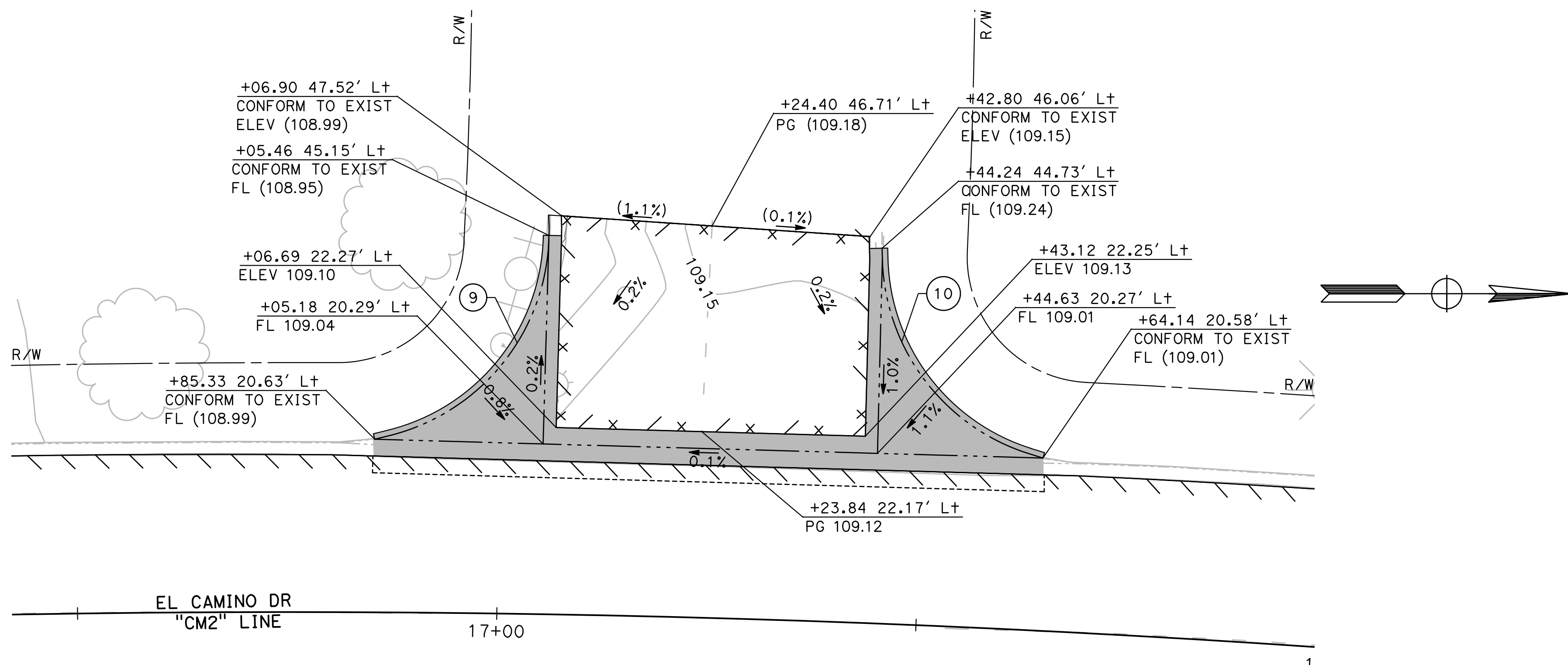
Sheet 79
of
109 Sheets
G-21

NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "CM2" LINE UNLESS OTHERWISE NOTED.

SEE LEGEND ON SHEET G-1

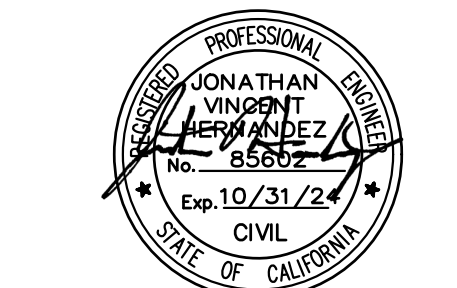
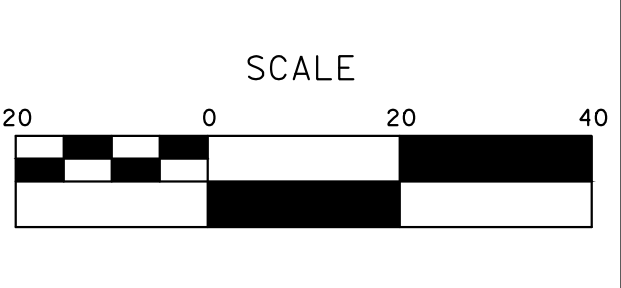
CURVE TABLE				
No. X	R	Δ	T	L
9	25.00'	75°12'03"	19.25'	32.81'
10	25.00'	71°17'29"	17.93'	31.11'
11	25.00'	70°41'52"	17.73'	30.85'
12	25.00'	65°32'25"	16.09'	28.60'



12 EL CAMINO DR / NOVO DR INTERSECTION DETAIL
G-23 SCALE: 1" = 10'

DESIGNED BY: ANGEL P.
DRAWN BY: ANGEL P.
CHECKED BY: JON H.
SCALE: AS SHOWN
DATE: 4/2/2024
JOB NO.: 23-00109

NOTE:
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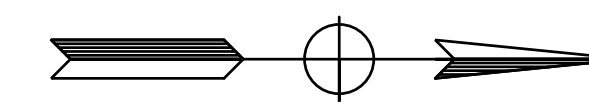
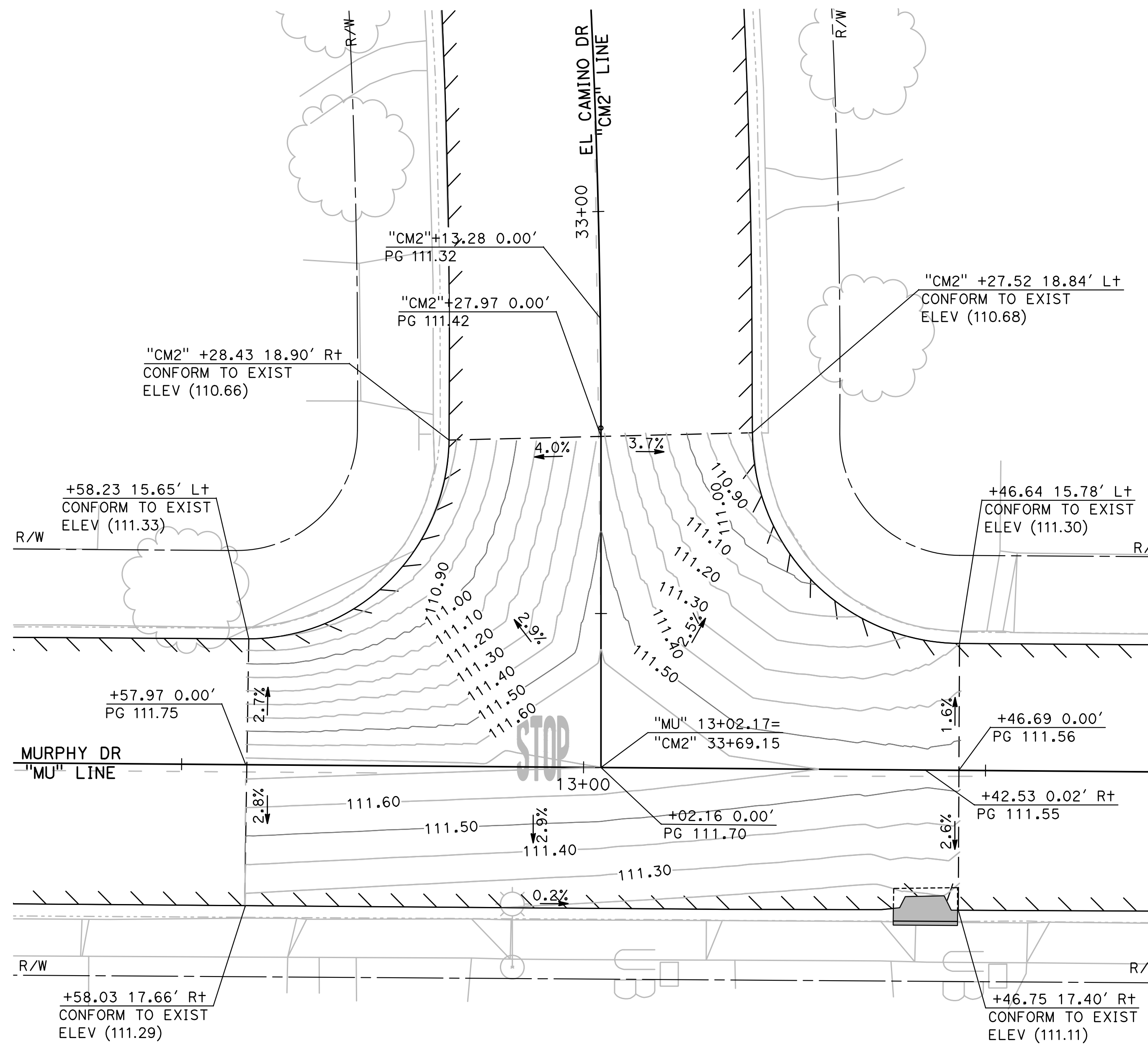
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
EL CAMINO DRIVE

Sheet **81**
of
109 Sheets
G-23

NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "MU" LINE UNLESS OTHERWISE NOTED.

SEE LEGEND ON SHEET G-1

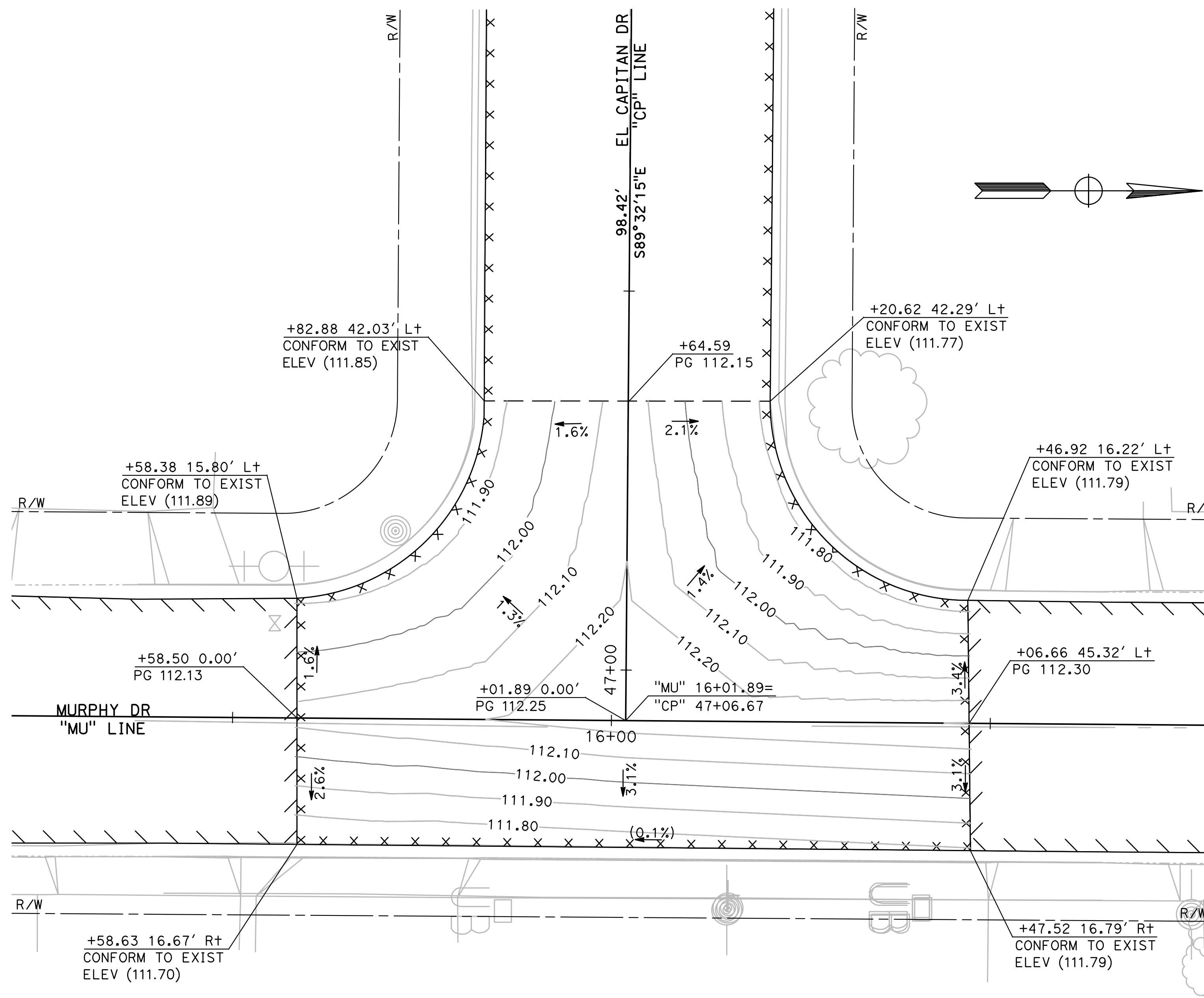


13 MURPHY DR / EL CAMINO DR INTERSECTION DETAIL
G-24 SCALE: 1" = 10'

NOTE:

ALL CALLOUTS ON THIS SHEET REFERENCE THE "CM2" LINE UNLESS OTHERWISE NOTED.

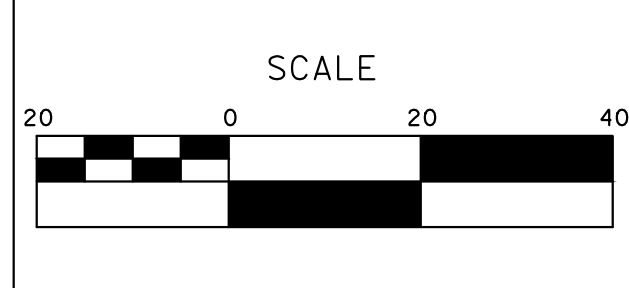
SEE LEGEND ON SHEET G-1



14 MURPHY DR / EL CAPITAN DR INTERSECTION DETAIL
G-25 SCALE: 1" = 10'

DESIGNED BY: ANGEL P.
DRAWN BY: ANGEL P.
CHECKED BY: JON H.
SCALE: AS SHOWN
DATE: 4/2/2024
JOB NO.: 23-00109

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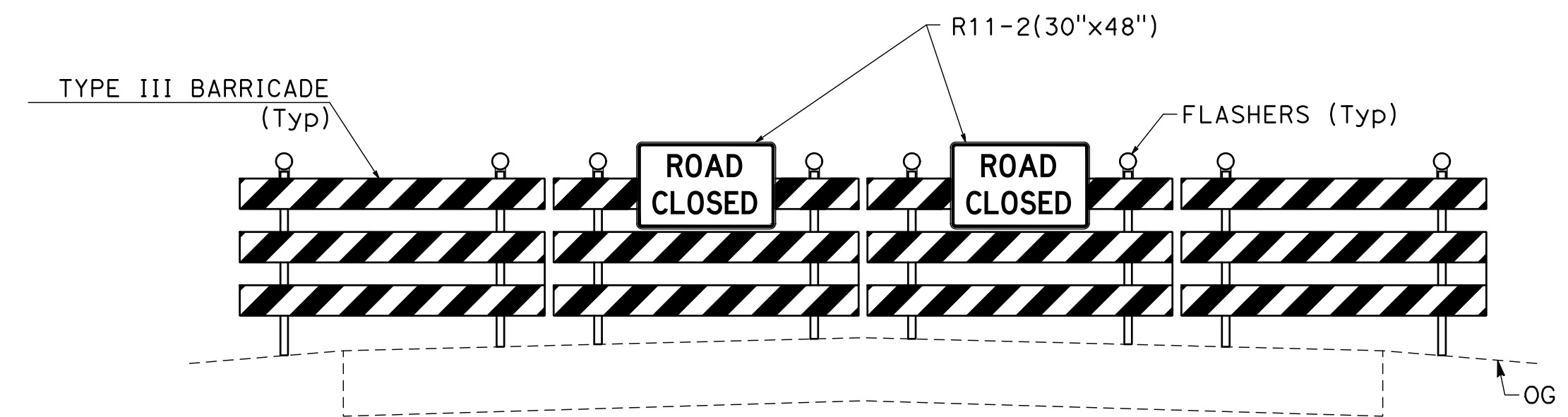
CITY OF TURLOCK
ROADS PROGRAM - CIP
GRADING PLAN
MURPHY DRIVE

Sheet **83**
of
109 Sheets
G-25

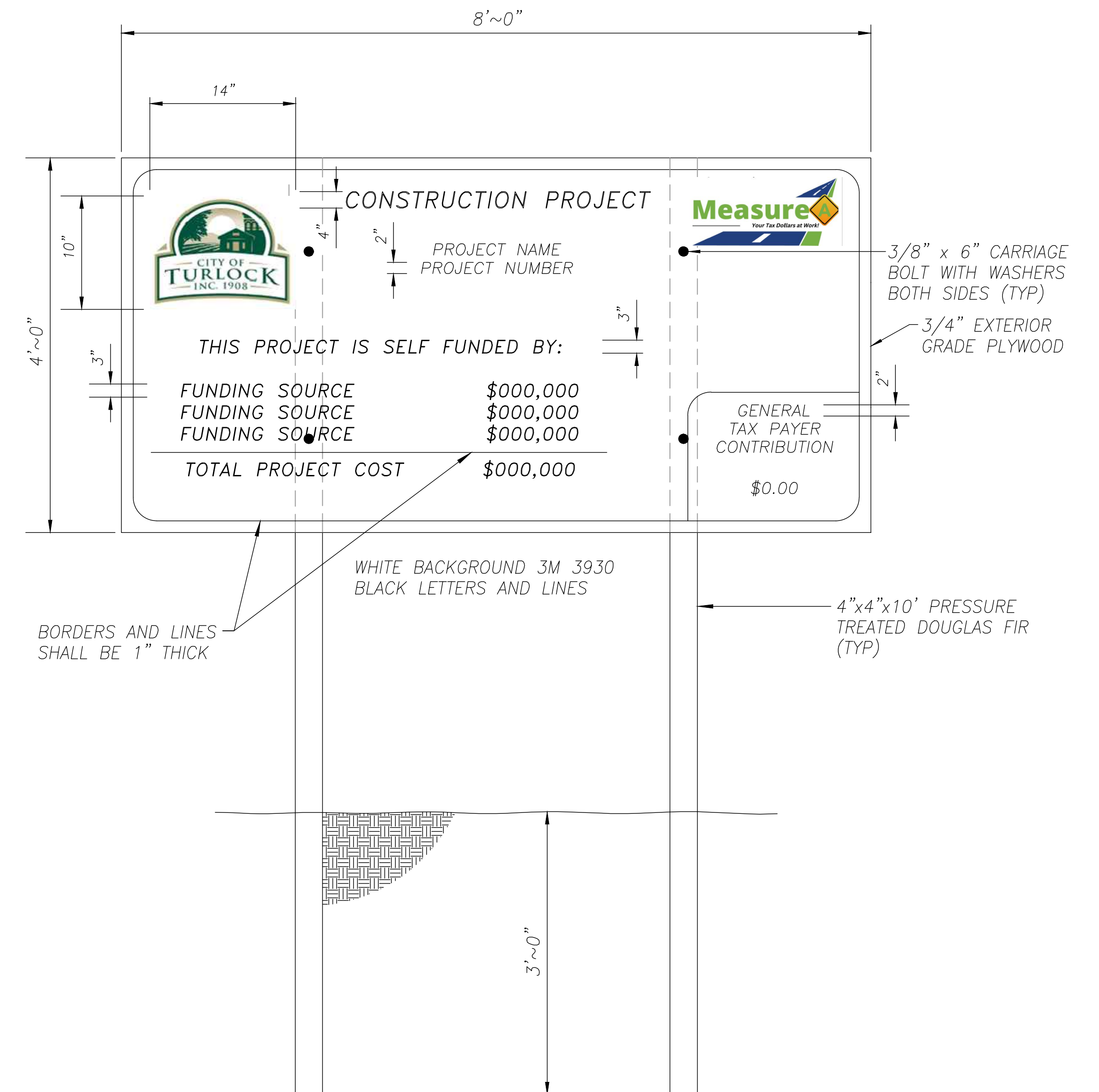
TRAFFIC CONTROL GENERAL NOTES:

1. VALIDATION: THE TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 601-2 OF THE CITY SUPPLEMENT TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CONTACT THE PUBLIC WORKS TRAFFIC CONTROL SECTION AT (209) 668-5590 TO OBTAIN A PERMIT. THE CONTRACTOR MUST SUBMIT A COMPLETED TRAFFIC CONTROL PERMIT FORM A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN WORK WILL AFFECT A TRAFFIC SIGNAL.
2. STANDARDS: THIS TRAFFIC CONTROL PLAN SHALL CONFORM TO EACH OF THE FOLLOWING MANUALS:

EDITION	DESCRIPTION
2014	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)
2016	CITY OF TURLOCK STANDARD SPECIFICATIONS AND DRAWINGS
2023	CALTRANS STANDARD PLANS
3. NOTIFICATIONS: THE CONTRACTOR SHALL NOTIFY RELEVANT AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION, OR TRAFFIC CONTROL.
4. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF SEVEN (7) WORKING DAYS PRIOR TO CLOSURE OF STREETS.
5. POSTING PARKING RESTRICTIONS: THE CONTRACTOR SHALL POST "TOW-AWAY/NO PARKING SIGNS SEVENTY TWO (72) HOURS IN ADVANCE OF PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES, AND TIMES OF RESTRICTIONS.
6. EXCAVATIONS: EXCEPT AS OTHERWISE SHOWN ON THE PLANS, TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY, AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. CONTRACTOR SHALL MONITOR TRENCH PLATES DURING NON-WORKING HOURS TO ENSURE THAT THEY DO NOT BECOME DISLODGED, UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC, WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES, BIKE LANES, AND PEDESTRIAN WALKWAYS OPEN TO THE APPROPRIATE TRAFFIC EXCEPT AS OTHERWISE SHOWN ON THE PLANS.
7. RESTORATION OF TRAFFIC CONTROL DEVICES: THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL. REPAIRS AND REPLACEMENTS SHALL BE AT LEAST EQUAL TO EXISTING IMPROVEMENT.
8. TEMPORARY TRAFFIC SIGNAL DETECTION: THE CONTRACTOR SHALL INSTALL CITY APPROVED TEMPORARY VIDEO OR RADAR DETECTION WHEN EXISTING TRAFFIC SIGNAL DETECTION SYSTEMS ARE DAMAGED, DISABLED, OR BECOME INEFFECTIVE DUE TO CONSTRUCTION FOR A PERIOD OF FIVE (5) OR MORE DAYS. THE CONTRACTOR SHALL COMPLETELY REMOVE ALL TEMPORARY TRAFFIC SIGNAL DETECTION EQUIPMENT AND RESTORE/INSTALL A CITY APPROVED PERMANENT VEHICLE DETECTION SYSTEM UPON COMPLETION OF CONSTRUCTION. ALL INSTALLATION AND REMOVALS ARE SUBJECT TO APPROVAL BY THE CITY ENGINEER.
9. CHANGE IN WORK: THE CITY ENGINEER WILL OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND RESERVE THE RIGHT TO MAKE ANY CHANGES AS FIELD CONDITIONS WARRANT, ANY CHANGES SHALL BE DOCUMENTED AND SUPERCEDE THESE PLANS.
10. OPEN TRENCH: THE CONTRACTOR SHALL PLACE "OPEN TRENCH" SIGNS (C27(CA)) ON TYPE BARRICADES WITHIN THE WORK ZONE, AHEAD OF ANY WORK AREA WHICH INCLUDES OPEN TRENCHES IN EXCESS OF THREE (3) INCHES IN DEPTH, PER CA MUTCD SECTION 6F.103 (CA) GUIDELINES.
11. FOR WORK NOT COVERED BY THESE TRAFFIC CONTROL PLANS: THE CONTRACTOR SHALL PREPARE TRAFFIC CONTROL WORKING DRAWINGS AND SUBMIT THEM TO THE CITY RESIDENT ENGINEER. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR REVIEW OF THE WORKING DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE PUBLIC WORKS TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT FOR THIS WORK.
12. CONTRACTOR SHALL INSTALL UNEVEN PAVEMENT SIGNS C46 (CA) ALONG THE EDGE OF AREAS WHERE A STEP OF GREATER THAN 2" EXISTS WHETHER PARALLEL OR PERPENDICULAR TO THE DIRECTION OF TRAVEL.
13. CONTRACTOR HAS THE OPTION TO WORK AT MULTIPLE LOCATIONS CONCURRENTLY. ADJACENT BLOCKS SHALL NOT BE CLOSED AT THE SAME TIME.
14. SEE TABLE 6H-3 IN THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) FOR MEANING OF LETTER CODES ON TYPICAL APPLICATION DIAGRAMS.
15. CONTRACTOR SHALL DEPLOY FOUR (4) PORTABLE CHANGEABLE MESSAGE SYSTEMS (PCMS) THROUGHOUT CONSTRUCTION, WITH FINAL PLACEMENT TO BE DETERMINED BY ENGINEER.



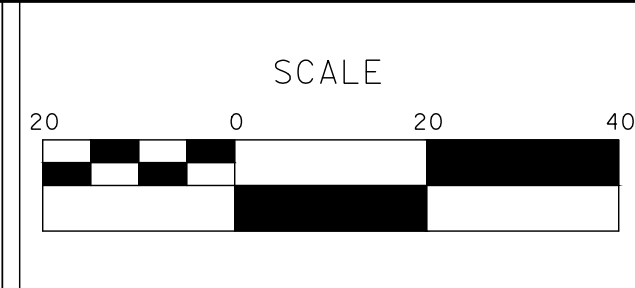
1
TH-1
**TEMPORARY BARRICADE
ROAD CLOSURE DETAIL**



2
TH-1
CONSTRUCTION FUNDING SIGN

DESIGNED BY: ANGEL P.
 DRAWN BY: ANGEL P.
 CHECKED BY: JON H.
 SCALE: AS SHOWN
 DATE: 4/2/2024
 JOB NO.: 23-00109

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**CITY OF TURLOCK
 ROADS PROGRAM - CIP
 TRAFFIC HANDLING PLANS**

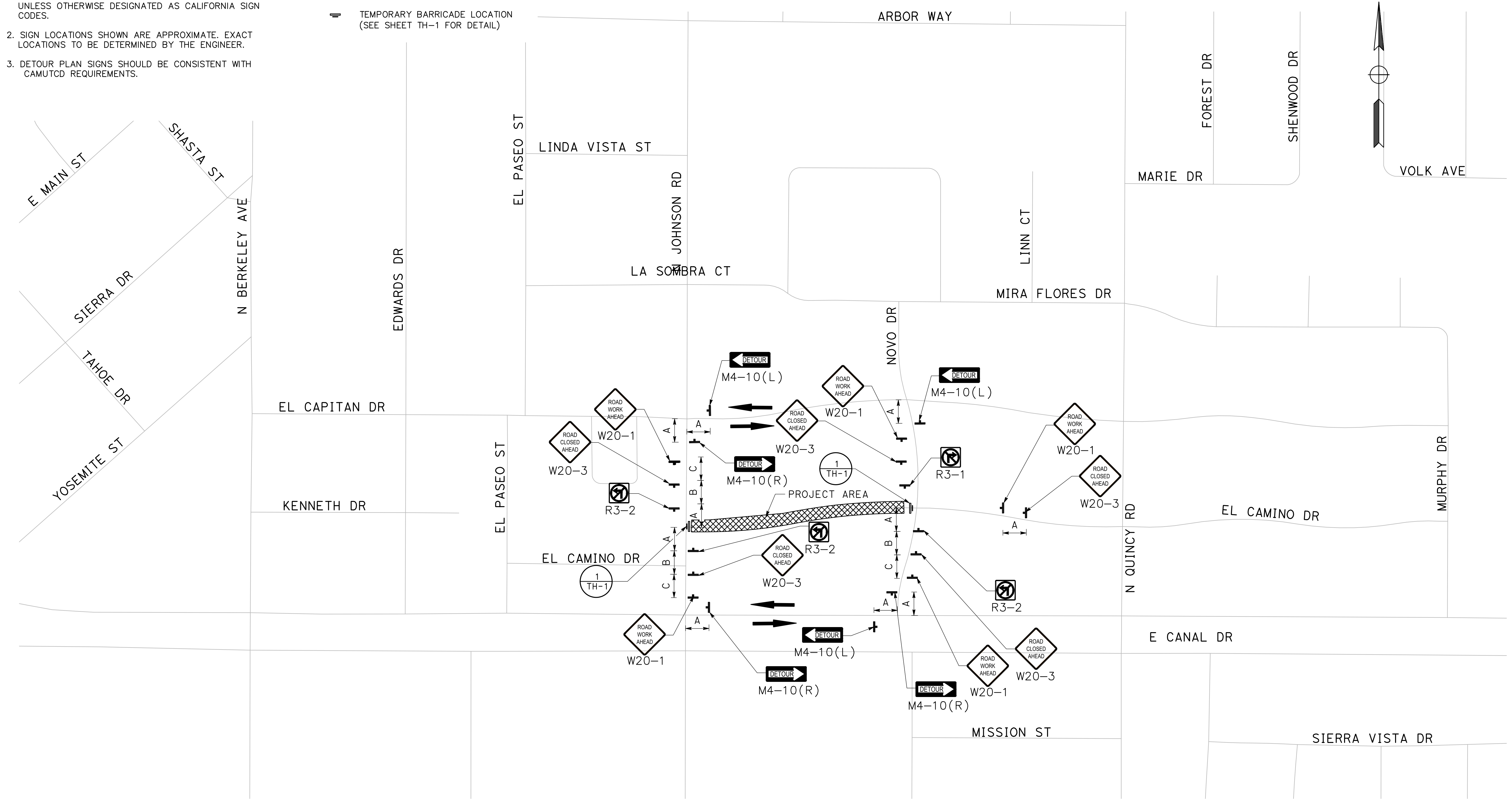
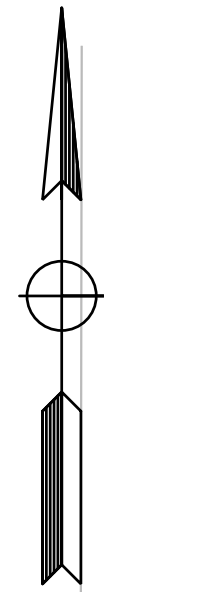
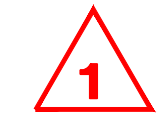
Sheet **84**
 of
109 Sheets
TH-1

TRAFFIC:

1. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE DESIGNATED AS CALIFORNIA SIGN CODES.
2. SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
3. DETOUR PLAN SIGNS SHOULD BE CONSISTENT WITH CAMUTCD REQUIREMENTS.

LEGEND:

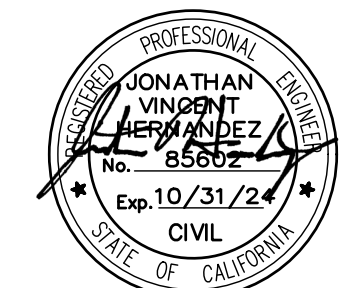
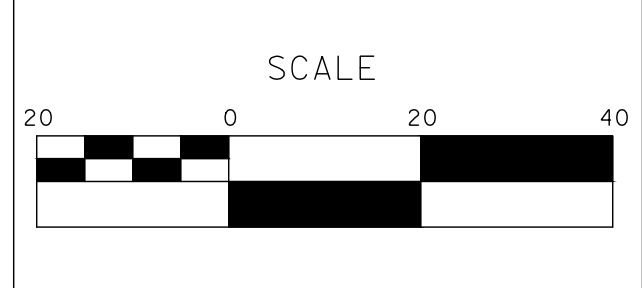
- ← DIRECTION OF DETOUR TRAVEL
- ▬ TEMPORARY BARRICADE LOCATION (SEE SHEET TH-1 FOR DETAIL)



**PLAN
NTS**

DESIGNED BY: ANGEL P.
 DRAWN BY: ANGEL P.
 CHECKED BY: JON H.
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**CITY OF TURLOCK
 ROADS PROGRAM - CIP
 TRAFFIC HANDLING PLANS**

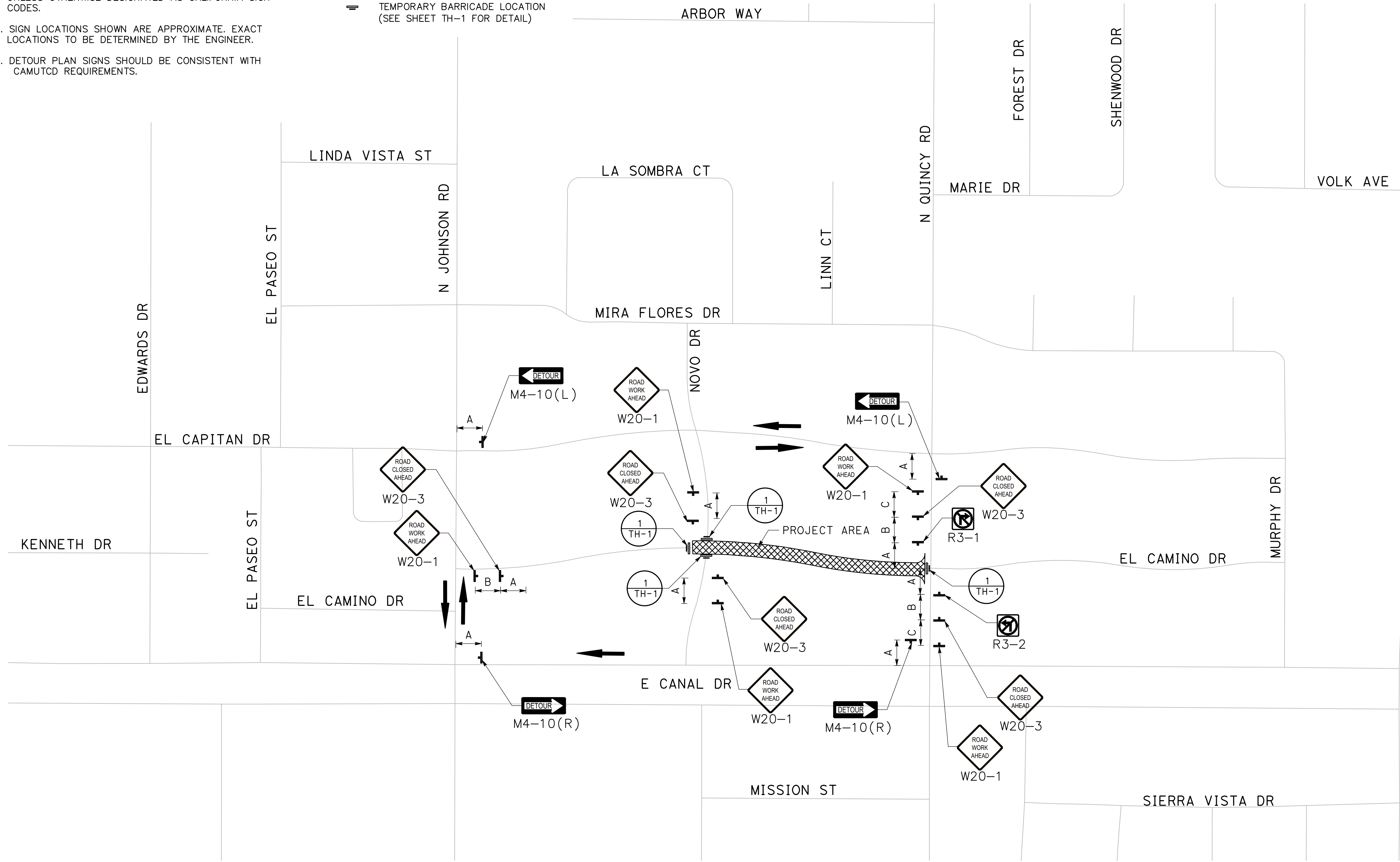
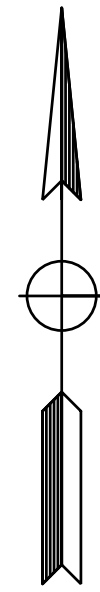
Sheet **97**
 of
109 Sheets
TH-14

TRAFFIC:

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3. DETOUR PLAN SIGNS SHOULD BE CONSISTENT WITH CAMUTCD REQUIREMENTS.

LEGEND:

- ← DIRECTION OF DETOUR TRAVEL
- ▬ TEMPORARY BARRICADE LOCATION (SEE SHEET TH-1 FOR DETAIL)



PLAN
NTS

<p>DESIGNED BY: ANGEL P. DRAWN BY: ANGEL P. CHECKED BY: JON H. SCALE: AS SHOWN DATE: 4/2/2024 JOB NO.: 23-00109</p>	<p>NOTE: ALL REFERENCES AND WRITTEN DIMENSIONS SHALL SUPERCEDE ALL SCALED DISTANCES AND SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.</p>		<p>SCALE</p>		<p>MARK THOMAS 701 UNIVERSITY AVENUE, SUITE 200 SACRAMENTO, CALIFORNIA 95825 (916) 381-9100 FAX:(916)381-9180 markthomas.com</p>	<p>CITY OF TURLOCK PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION 156 S. BROADWAY SUIT 150 (209) 668-5520</p>	<p>CITY OF TURLOCK ROADS PROGRAM - CIP TRAFFIC HANDLING PLANS TH-15</p>	<p>Sheet 98 of 109 Sheets</p>
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