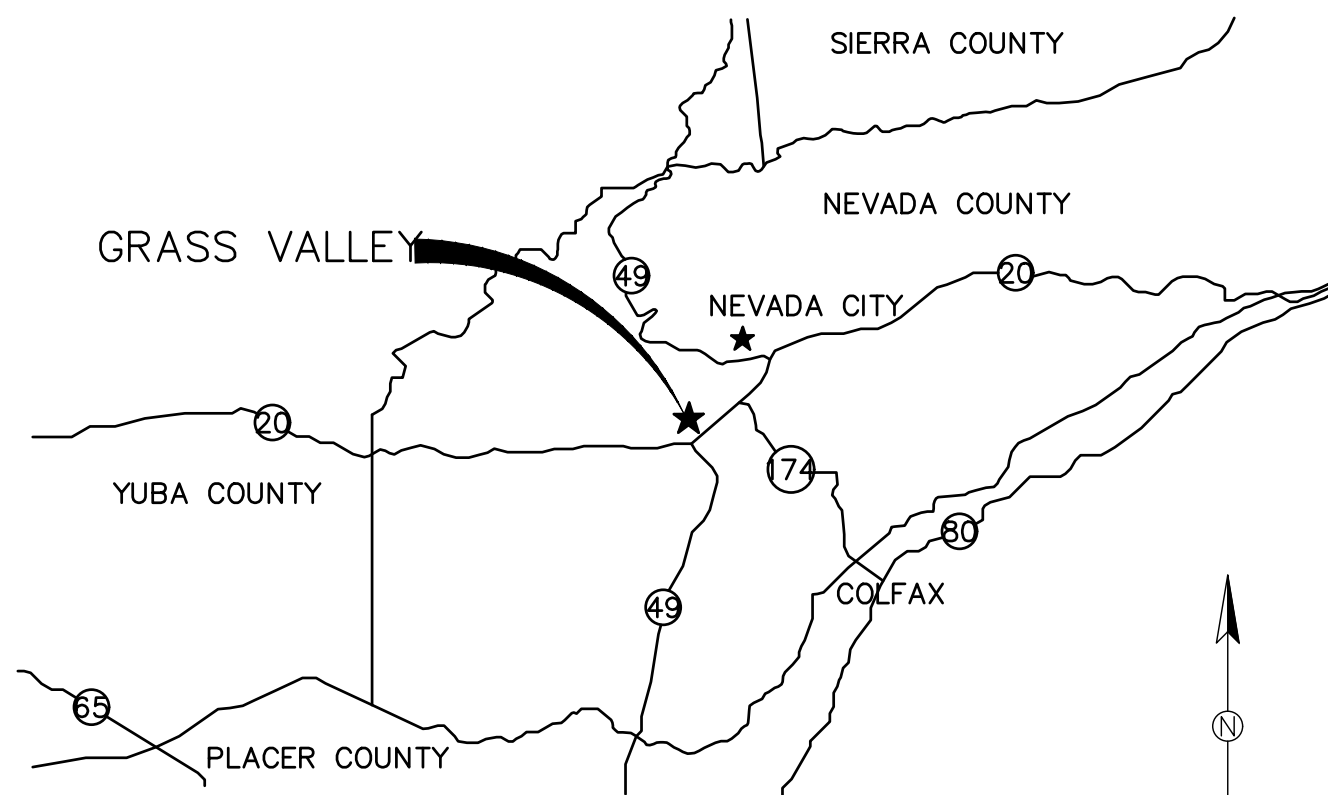
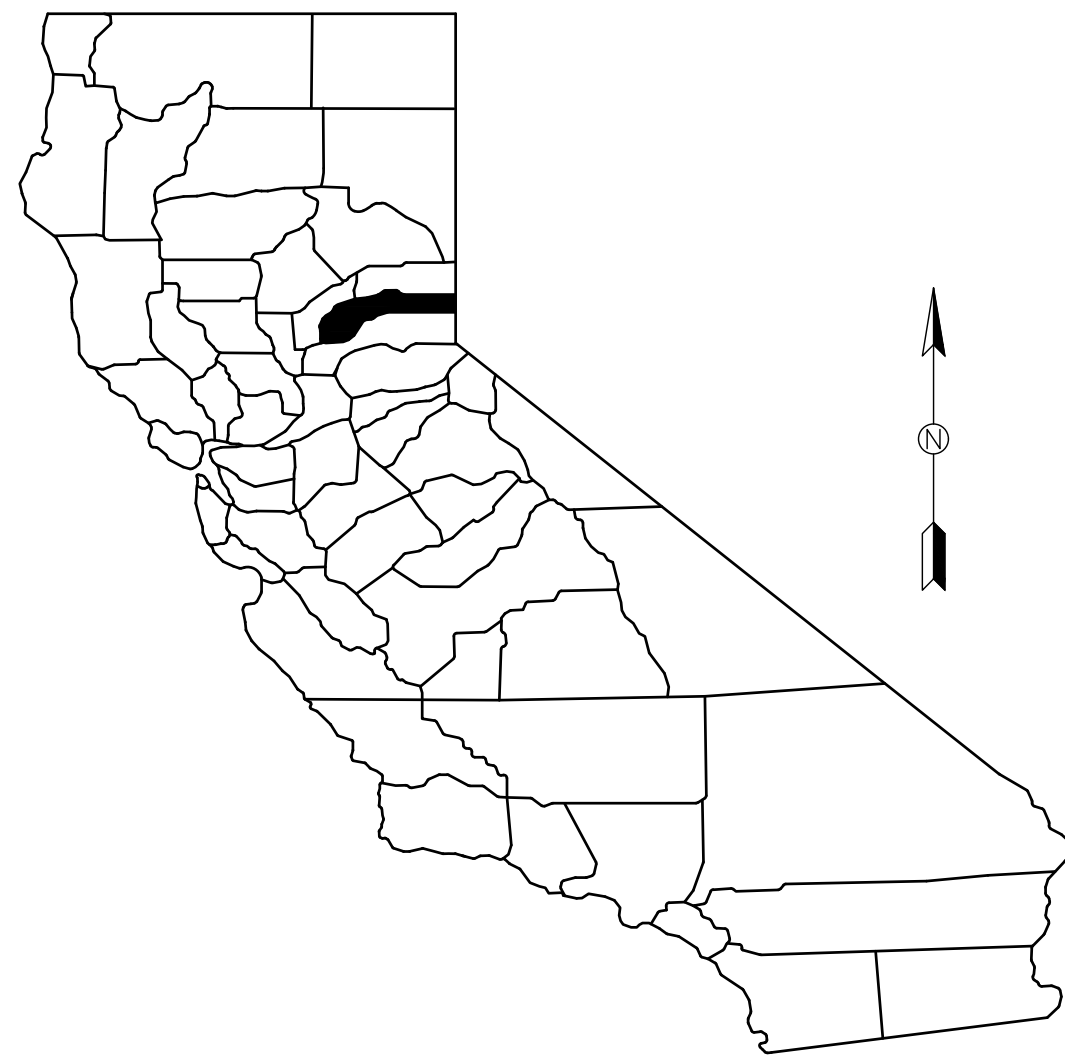


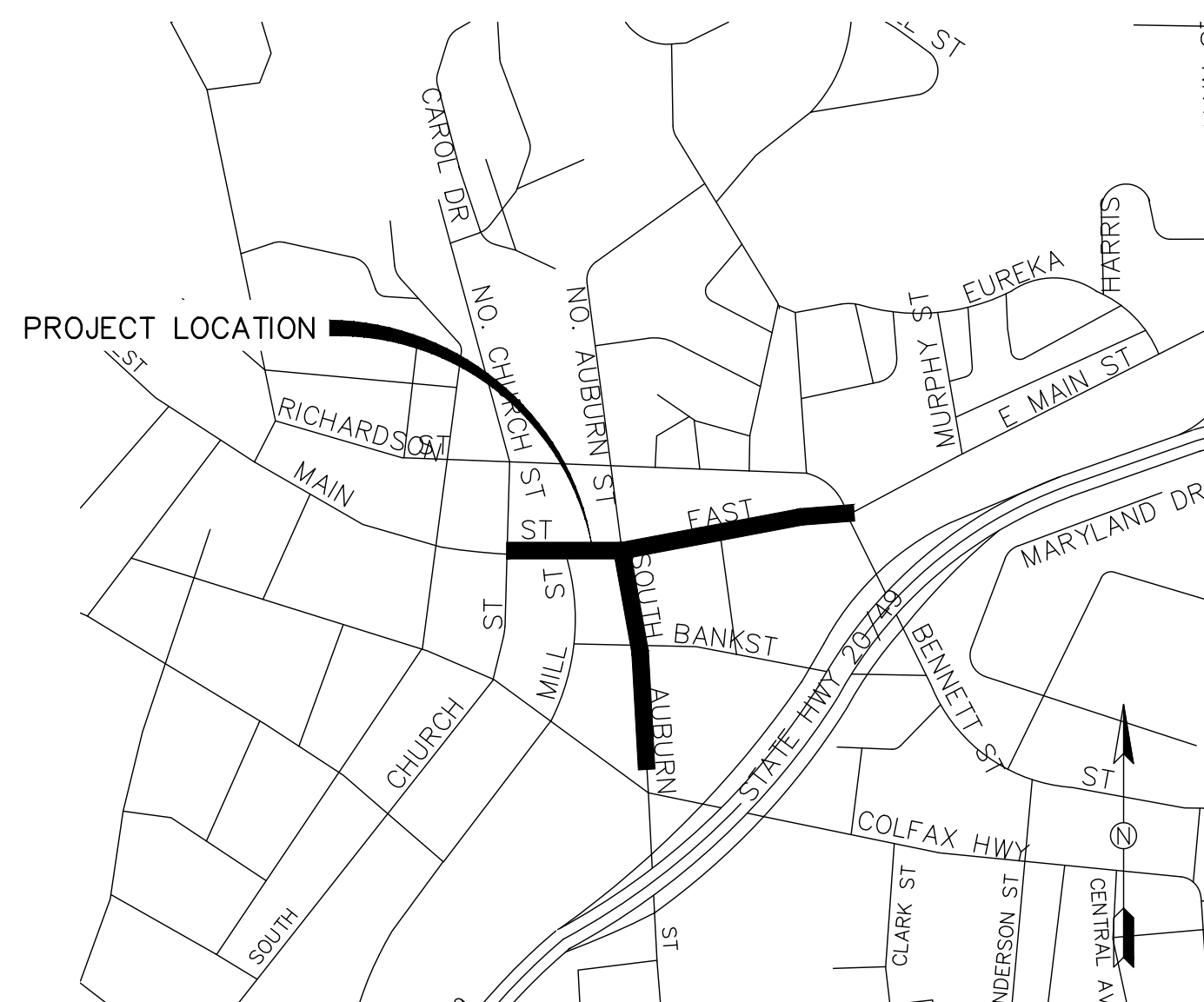
CITY OF GRASS VALLEY
ENGINEERING DIVISION
IMPROVEMENT PLANS FOR

DOWNTOWN STREET REHABILITATION PROJECT

PROJECT NO. 24-04



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE

CONSTRUCTION LEGEND:

	STATION LINE
	(E) CURB; DIKE; DRIVEWAY
	(E) WALL
	(E) FENCE
	LOT/ROW LINE
	EASEMENT LINE
	(E) GAS
	(E) SEWER AND SIZE
	(E) STORM DRAIN AND SIZE
	(E) TELEPHONE
	(E) WATER
	(P) WATER
	(E) CONTOUR LINES

	DRAINAGE INLET		SINGLE POLE SIGN
	FIRE HYDRANT		MAILBOX
	WATER METER BOX		TREE
	MANHOLE (SS, SD, TEL, ELEC)		BENCHMARK
	WATER VALVE		(P) SPOT ELEVATION
	VALVE (GAS, TEL, ARV)		DENOTES STD PLAN NO/DETAIL NO
	GUY POLE		CONSTRUCTION KEYNOTE
	GUY WIRE		DETECTABLE WARNING SURFACE
	STREETLIGHT		
	POLE		

SHEET INDEX:

1. TITLE SHEET
2. CONSTRUCTION PLAN (W MAIN ST)
3. CONSTRUCTION PLAN (E MAIN ST)
4. S AUBURN ST WATER LINE REPLACEMENT
5. DETAILS I
6. DETAILS II
- 7-35 S AUBURN ST REHAB PLANS

ABBREVIATIONS:

AB	AGGREGATE BASE	P	PROPERTY LINE
AC	ASPHALT CONCRETE	PL	PROPOSED
C&G	CURB AND GUTTER	PSI	POUNDS PER SQUARE INCH
CF	CUBIC FOOT	PUE	PUBLIC UTILITY EASEMENT
CL	CENTERLINE	PVC	POLYVINYL CHLORIDE
CY	CUBIC YARD	PVMT	PAVEMENT
E	ELECTRIC	R	RADIUS
E	EXISTING	RCP	REINFORCED CONCRETE PIPE
ELEV	ELEVATION	RMV	REMOVE
EP	EDGE OF PAVEMENT	RW	RETAINING WALL
FL	FLOW LINE	ROW	RIGHT OF WAY
FT	FEET	SD	STORM DRAIN
FTG	FOOTING	SF	SQUARE FOOT
G	GAS	SY	SQUARE YARD
ID	INSIDE DIAMETER	ST	STREET
IE	INVERT ELEVATION	STA	STATION
L	LEFT	STD	STANDARD
LF	LINEAR FOOT	SW	SIDEWALK
MAX	MAXIMUM	SS	SANITARY SEWER
MH	MANHOLE	TBC	TOP BACK OF CURB
MIN	MINIMUM	TBW	TOP BACK OF WALK
MISC	MISCELLANEOUS	TFC	TOP FACE OF CURB
NO	NUMBER	TC	TOP OF CURB
NTS	NOT TO SCALE	TP	TELEPHONE POLE
OD	OUTSIDE DIAMETER	TS	TRAFFIC SIGNAL
PCC	PORTLAND CEMENT CONCRETE	TYP	TYPICAL

UTILITY/EMERGENCY CONTACTS:

SEWER/ WATER STORM DRAIN:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945 530-274-4350
FIRE PROTECTION:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945 530-274-4370
ELECTRICITY/GAS:	PG&E 788 TAYLORVILLE RD GRASS VALLEY, CA 95945 530-477-3260
TELEVISION:	COMCAST 427 EATON RD CHICO, CA 95973 530-206-6172
COMM:	AT&T 12824 EARHART DRIVE AUBURN, CA 95602 530-888-2031

NOTES:

1. THE CONTRACTOR SHALL POSSESS A VALID CALIFORNIA CLASS A CONTRACTORS LICENSE, OR A COMBINATION OF THE FOLLOWING CLASSES, (C-8 - CONCRETE CONTRACTOR, C12 - EARTHWORK AND PAVING CONTRACTOR, C31 - CONSTRUCTION ZONE TRAFFIC CONTROL CONTRACTOR, C32 - PARKING AND HIGHWAY IMPROVEMENT CONTRACTOR, C36 - PLUMBING CONTRACTOR, C45 - SIGN CONTRACTOR AND D63 - CONSTRUCTION CLEANUP) AT THE TIME OF THE BID AWARD, AND THE LICENSE SHALL REMAIN IN EFFECT THROUGHOUT THE TERM OF THIS CONTRACT.
2. THE CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO LATEST EDITIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS, THE IMPROVEMENT STANDARDS AND STANDARD DRAWINGS OF THE CITY OF GRASS VALLEY AND THE CALIFORNIA MUTCD. IN CASE OF CONFLICT, REFER TO THE PROJECT SPECIAL PROVISIONS FOR ORDER OF PRECEDENCE.
3. THE CITY OF GRASS VALLEY HAS MADE EVERY EFFORT TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM PLAN LOCATIONS. THEREFORE, THE CITY OF GRASS VALLEY CANNOT, AND DOES NOT, ASSUME RESPONSIBILITY OF THE EXISTENCE OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES AND SEWERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION PRIOR TO AND DURING CONSTRUCTION OF IMPROVEMENTS SHOWN HEREON, AND TO CONTACT THE ENGINEER IN THE EVENT OF ANY SIGNIFICANT DISCREPANCY.
4. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF, AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TWO WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

RECORD DRAWINGS NOTE:

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN AND ARE BASED UPON FIELD OBSERVATIONS MADE UNDER THE DIRECTION OF OR BY THE UNDERSIGNED AND/OR INFORMATION RECEIVED FROM THE CITY CONSTRUCTION INSPECTOR, PROJECT CONTRACTORS AND OTHER SOURCES WHEN THE ENGINEER IS ADVISED IN WRITING OF SUCH ADJUSTMENTS. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, CHANGES TO THESE PLANS NOT AUTHORIZED BY THE ENGINEER. ADJUSTMENTS MADE IN THE FIELD WERE NOT SURVEYED AND THE ACCURACY OF THESE DRAWINGS WITH RESPECT TO THOSE ADJUSTMENTS IS NOT GUARANTEED BY THE ENGINEER OR THE CITY OF GRASS VALLEY; FIELD VERIFICATION OF ALL IMPROVEMENTS IS RECOMMENDED.

DATE _____ ENGINEER SIGNATURE (STAMP OR SEAL)

	"APPROVED BY THE CITY COUNCIL OF THE CITY OF GRASS VALLEY THE 25TH DAY OF FEBRUARY 2025"
CITY CLERK	
	82882
CITY ENGINEER	R.C.E. DATE 2/6/25

NOTE:
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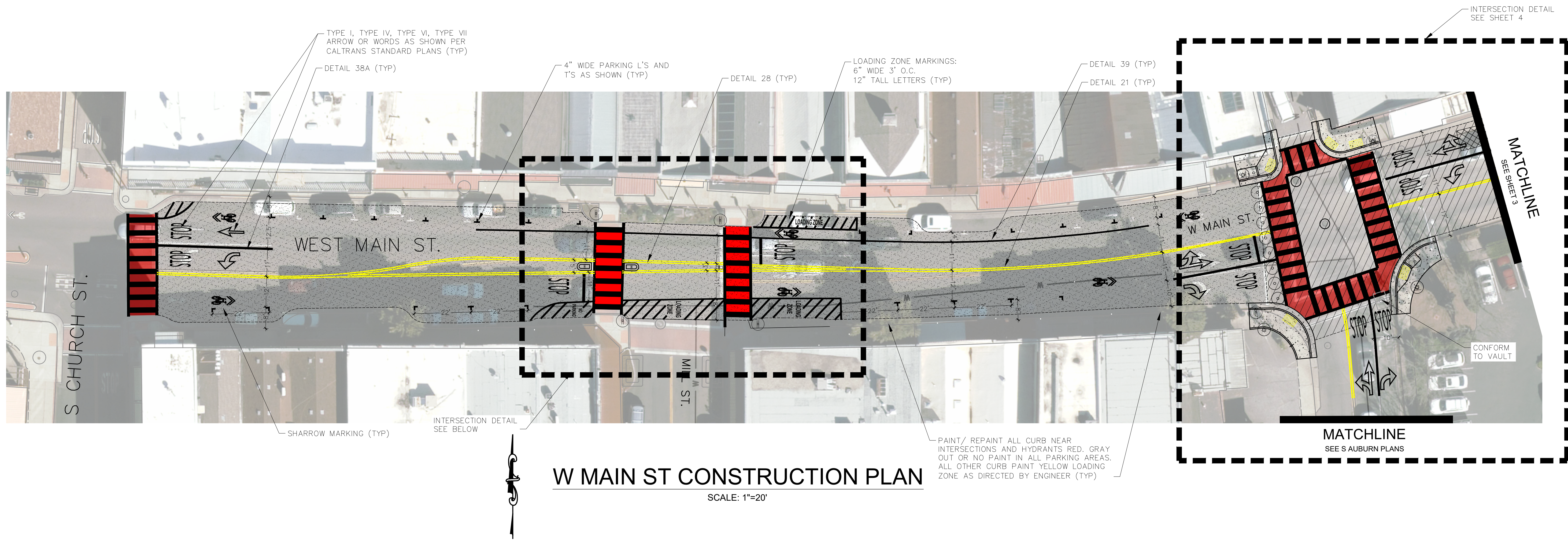
CITY OF GRASS VALLEY ENGINEERING DIVISION
DOWNTOWN STREET REHAB PROJECT
TITLE SHEET

REVISIONS	No.	Description	Engr	By	Date
			Init		



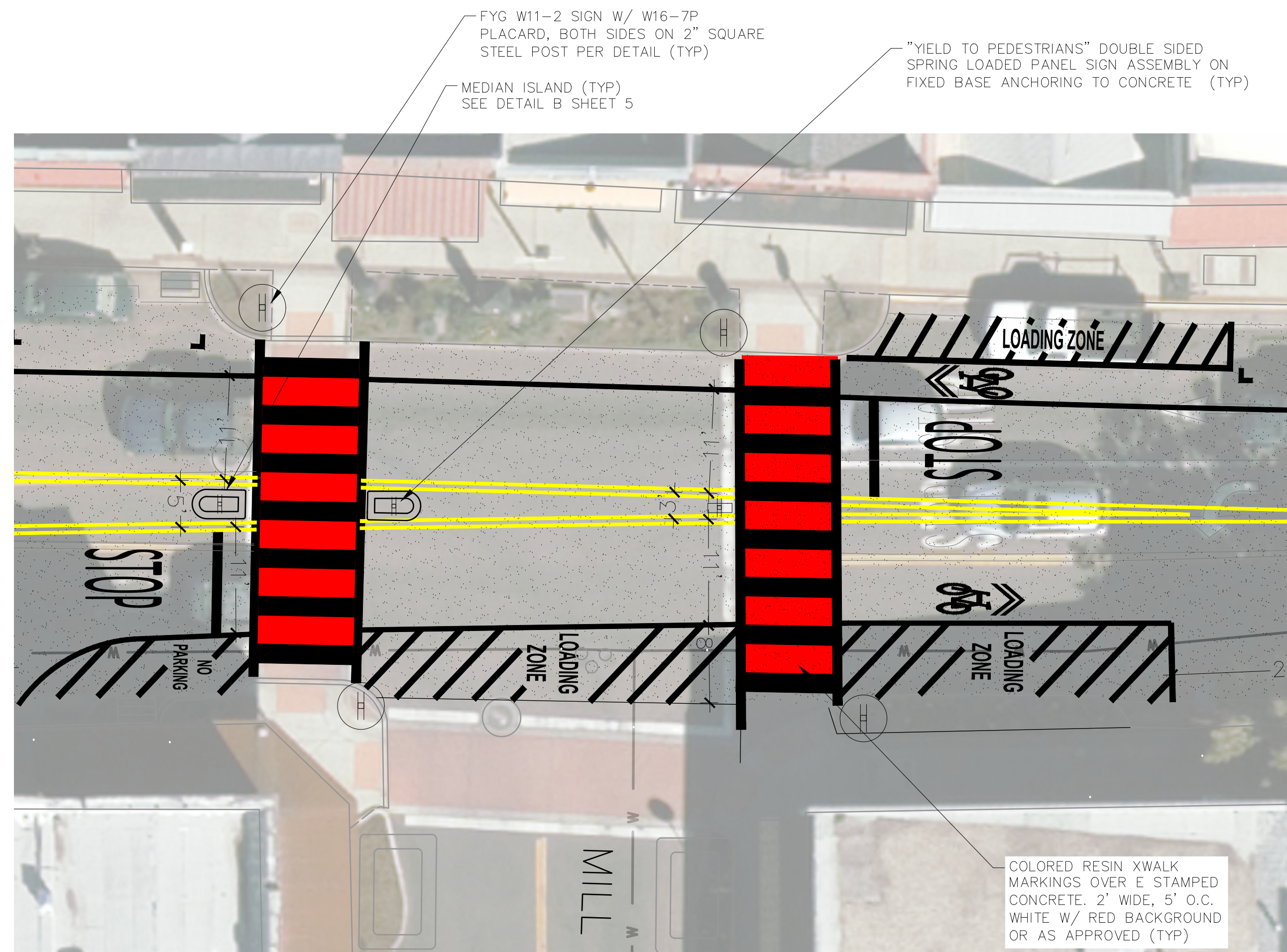
PROJECT NUMBER:
24-04

DRAWN BY: BPJ	DATE: FEB 2025
CHECKED BY: BPJ	DATE: FEB 2025
DRAWING NUMBER: 2221	
SHEET NUMBER: 1 OF 35	



W MAIN ST CONSTRUCTION PLAN

SCALE: 1"=20'



W MAIN ST @ MILL INSET

SCALE: 1"=10'

LEGEND

- MICROSURFACING
- 2" REMOVE AND REPLACE HMA
- 6" CONCRETE SIDEWALK/DRIVEWAY PER DETAIL
- MH COVER TO BE REPLACED & ADJUSTED TO GRADE
- VALVE COVER TO BE ADJUSTED TO GRADE
- 3' X 5' DETECTABLE WARNING SURFACE OR AS SHOWN
- DRAINAGE INLET, CALTRANS TYPE G5 OR AS SHOWN
- ROADSIDE SIGN, AS SHOWN SET IN 8" Ø X 30" CONC FOOTING

CONSTRUCTION NOTES

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.
2. EXISTING CONCRETE, ASPHALT CONCRETE AND MISC IMPROVEMENTS SHALL BE SAWCUT AND REMOVED TO NEAT CLEAN LINES AS NEEDED TO CONSTRUCT CONCRETE IMPROVEMENTS SHOWN
3. THE CONTRACTOR SHALL ACCURATELY LOCATE AND RECORD THE LOCATIONS OF ALL UTILITY BOXES, CLEANOUTS AND MANHOLES.
4. THE LIMITS OF HMA REMOVAL AND REPLACEMENT SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE MARKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO GRINDING.
5. NEW HMA PAVING SHALL CONFORM TO EXISTING DRIVEWAYS AND LIP OF GUTTER. PAVEMENT SHALL BE SLOPED TO ALLOW DRAINAGE TO FREELY FLOW FROM NEW PAVEMENT SURFACES TO EXISTING GUTTERS/ ROADWAY SHOULDERS
6. UTILITY COVERS AND MANHOLES WITHIN THE HMA PAVING AREA SHALL BE ADJUSTED TO GRADE AS SHOWN OR OTHERWISE SHALL BE CONFORMED TO AS APPROVED BY THE ENGINEER AND THE OWNER.

STRIPING/MARKING NOTES

1. THE CONTRACTOR SHALL COMPLETELY REMOVE EXISTING THERMOPLASTIC STRIPING AND MARKINGS PRIOR TO OVERLAY.
2. TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AT ALL TIMES AS NECESSARY AND SHALL BE REMOVED PRIOR TO PLACEMENT OF THE FINAL ASPHALT CONCRETE LIFT
3. ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
4. THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE FIELD.
5. PARKING TICKS SPACED 20' APART UNLESS OTHERWISE SHOWN

NOTE:
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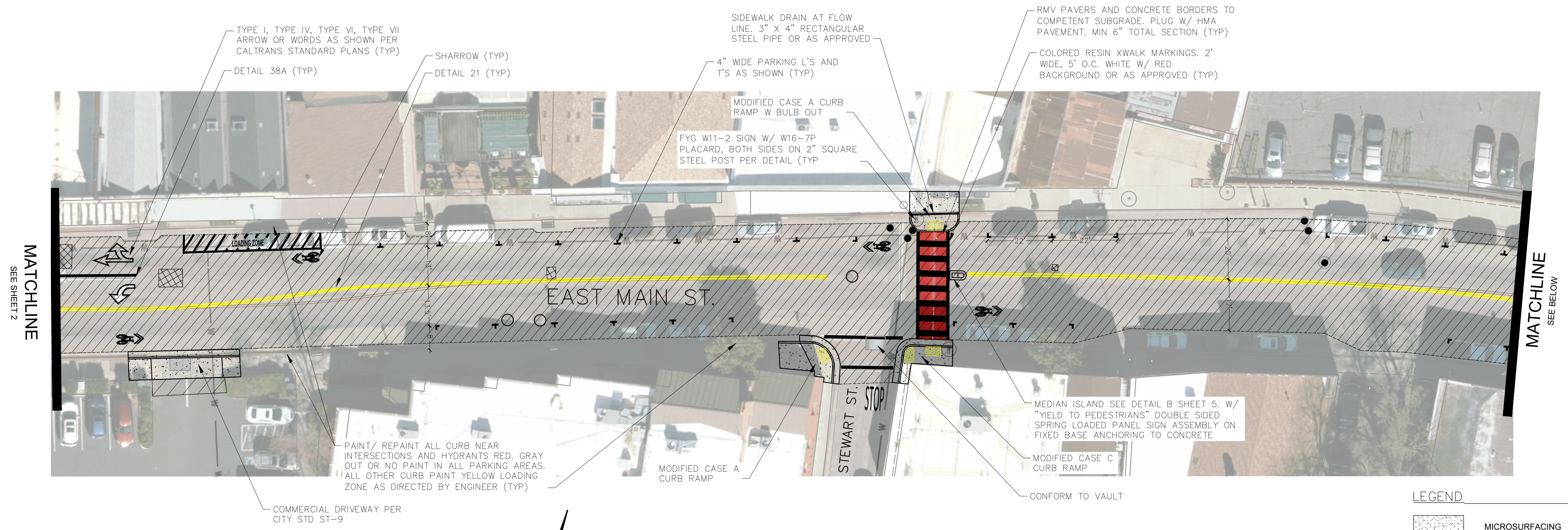
REVISIONS		APPROVAL
No.	Description	By / Date

PROJECT NUMBER:
24-04

CITY OF GRASS VALLEY ENGINEERING DIVISION
DOWNTOWN STREET
REHAB PROJECT
CONSTRUCTION PLAN (W MAIN ST)



DRAWN BY: **BPJ** DATE: **FEB 2025**
CHECKED BY: **BPJ** DATE: **FEB 2025**
DRAWING NUMBER:
2221
SHEET NUMBER:
2 OF 35



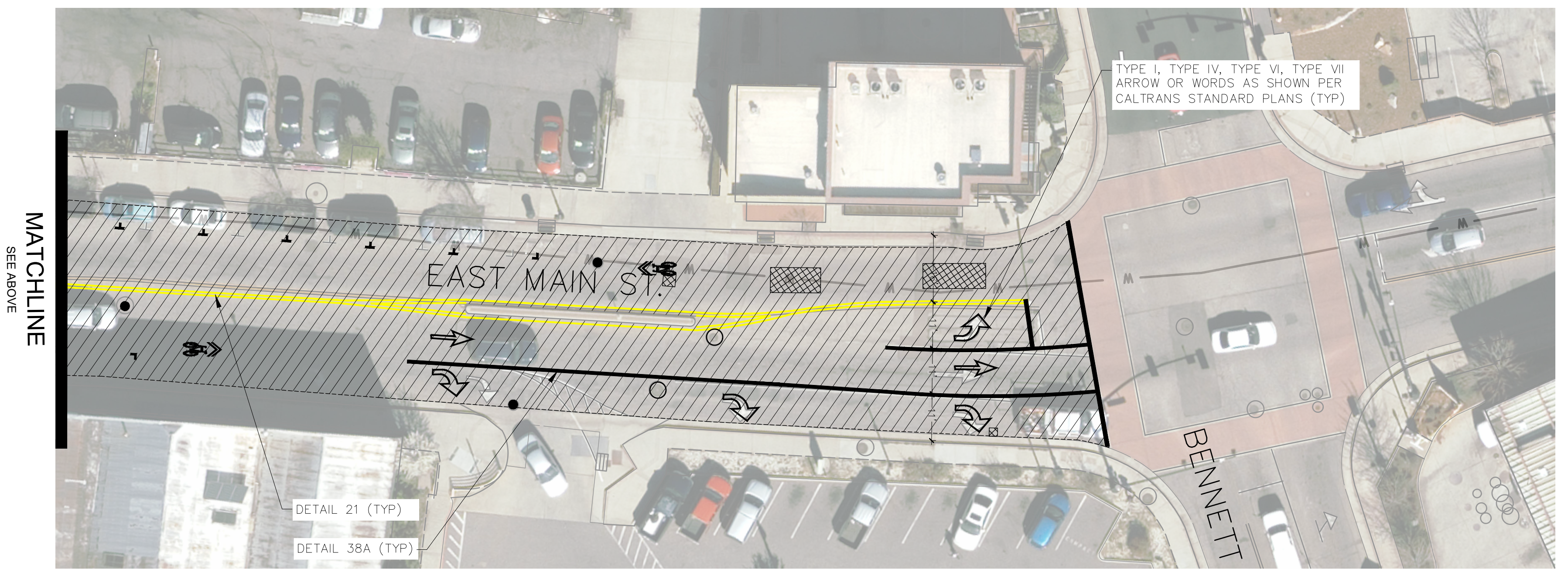
E MAIN ST CONSTRUCTION PLAN
SCALE: 1"=20'

- LEGEND**
- MICROSURFACING
 - 2" REMOVE AND REPLACE HMA
 - 4" REMOVE AND REPLACE HMA (2" PLUG BELOW FINAL LIFT)
 - 6" CONCRETE SIDEWALK/DRIVEWAY PER DETAIL
 - MH COVER TO BE REPLACED & ADJUSTED TO GRADE
 - VALVE COVER TO BE ADJUSTED TO GRADE
 - 3' X 5' DETECTABLE WARNING SURFACE OR AS SHOWN
 - DRAINAGE INLET, CALTRANS TYPE G5 OR AS SHOWN
 - ROADSIDE SIGN, AS SHOWN SET IN 8" Ø X 30" CONC FOOTING

- CONSTRUCTION NOTES**
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.
 - EXISTING CONCRETE, ASPHALT CONCRETE AND MISC IMPROVEMENTS SHALL BE SAWCUT AND REMOVED TO NEAT CLEAN LINES AS NEEDED TO CONSTRUCT CONCRETE IMPROVEMENTS SHOWN
 - THE CONTRACTOR SHALL ACCURATELY LOCATE AND RECORD THE LOCATIONS OF ALL UTILITY BOXES, CLEANOUTS AND MANHOLES.
 - THE LIMITS OF HMA REMOVAL AND REPLACEMENT SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE MARKED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO GRINDING.
 - NEW HMA PAVING SHALL CONFORM TO EXISTING DRIVEWAYS AND LIP OF GUTTER PAVEMENT SHALL BE SLOPED TO ALLOW DRAINAGE TO FREELY FLOW FROM NEW PAVEMENT SURFACES TO EXISTING GUTTERS/ ROADWAY SHOULDERS
 - UTILITY COVERS AND MANHOLES WITHIN THE HMA PAVING AREA SHALL BE ADJUSTED TO GRADE AS SHOWN OR OTHERWISE SHALL BE CONFORMED TO AS APPROVED BY THE ENGINEER AND THE OWNER.

- STRIPING/MARKING NOTES**
- THE CONTRACTOR SHALL COMPLETELY REMOVE EXISTING THERMOPLASTIC STRIPING AND MARKINGS PRIOR TO OVERLAY.
 - TEMPORARY PAVEMENT MARKINGS SHALL BE PROVIDED AT ALL TIMES AS NECESSARY AND SHALL BE REMOVED PRIOR TO PLACEMENT OF THE FINAL ASPHALT CONCRETE LIFT
 - ALL PAVEMENT MARKINGS AND STRIPES SHALL BE THERMOPLASTIC, CONFORMING TO THE REQUIREMENTS OF THE CURRENT CALTRANS SPECIFICATIONS AND STANDARD PLANS AND THE PROJECT SPECIAL PROVISIONS, UNLESS OTHERWISE SPECIFIED. ALL STRIPES IN DETAIL 21 SHALL BE 4" IN WIDTH.
 - THE CONTRACTOR SHALL MARK OUT THE STRIPING LAYOUT AND OBTAIN THE ENGINEER'S ACCEPTANCE PRIOR TO STRIPING. CHANGES MAY OCCUR IN THE FIELD.
 - PARKING TICKS SPACED 20' APART UNLESS OTHERWISE SHOWN

NOTE:
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E MAIN ST CONSTRUCTION PLAN
SCALE: 1"=20'

REVISIONS		APPROVAL
No.	Description	By Date



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24-04

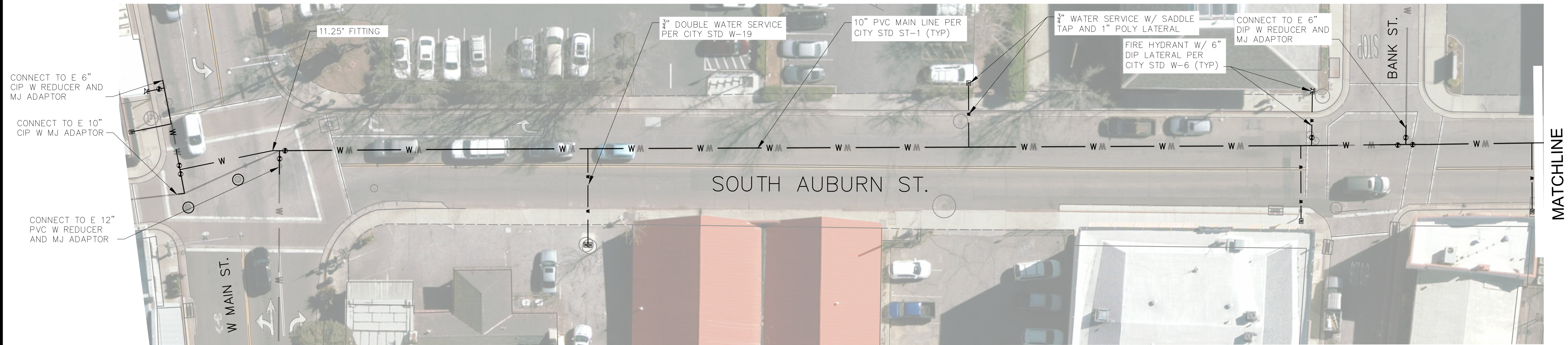
CITY OF GRASS VALLEY ENGINEERING DIVISION
DOWNTOWN STREET REHAB PROJECT
CONSTRUCTION PLAN (E MAIN ST)



DRAWN BY: **BPJ** DATE: **FEB 2025**
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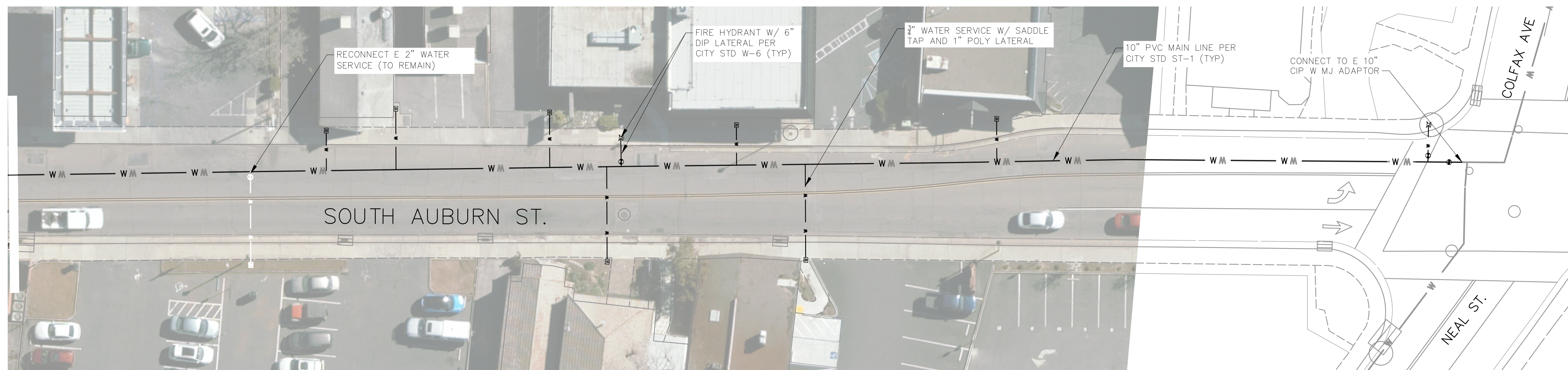
DRAWING NUMBER:
2221

SHEET NUMBER:
3 OF 35



S AUBURN ST WATER LINE PLAN

SCALE: 1"=20'



S AUBURN ST WATER LINE PLAN

SCALE: 1"=20'

CONSTRUCTION NOTES

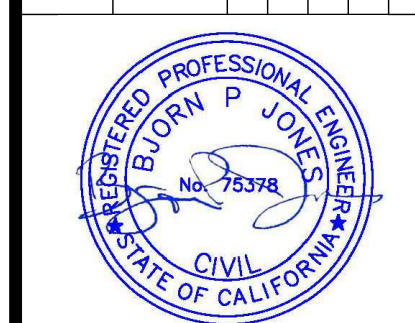
1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO START OF CONSTRUCTION.
2. REFER TO THE CITY STANDARDS FOR WATER AND STREET SPECIFICATIONS
3. TRENCH BEDDING AND BACKFILL SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY STANDARDS ST-2
4. ALL SERVICE LINES 1" POLY PIPE UNLESS OTHERWISE SHOWN
5. ALL GATE VALVES FLANGE/ FLANGE UNLESS OTHERWISE APPROVED
6. CONNECTION TO EXISTING PIPE AND FROM VALVE TO PIPE WITH RESTRAINED MEGALUG MECHANICAL JOINT AS APPROPRIATE (MJ X MJ, FL X ML)

LEGEND

- FIRE HYDRANT ASSEMBLY PER DETAIL W-6
- WATER METER ASSEMBLY (AND ASSOCIATED TAP) PER DETAIL W-1, W-8, W-19
- WATER VALVE PER DETAIL W-9
- WATER PIPE (SERVICE, MAIN)

NOTE:
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PROJECT NUMBER:
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CITY OF GRASS VALLEY ENGINEERING DIVISION
DOWNTOWN STREET
REHAB PROJECT
CONSTRUCTION PLAN (E MAIN ST)

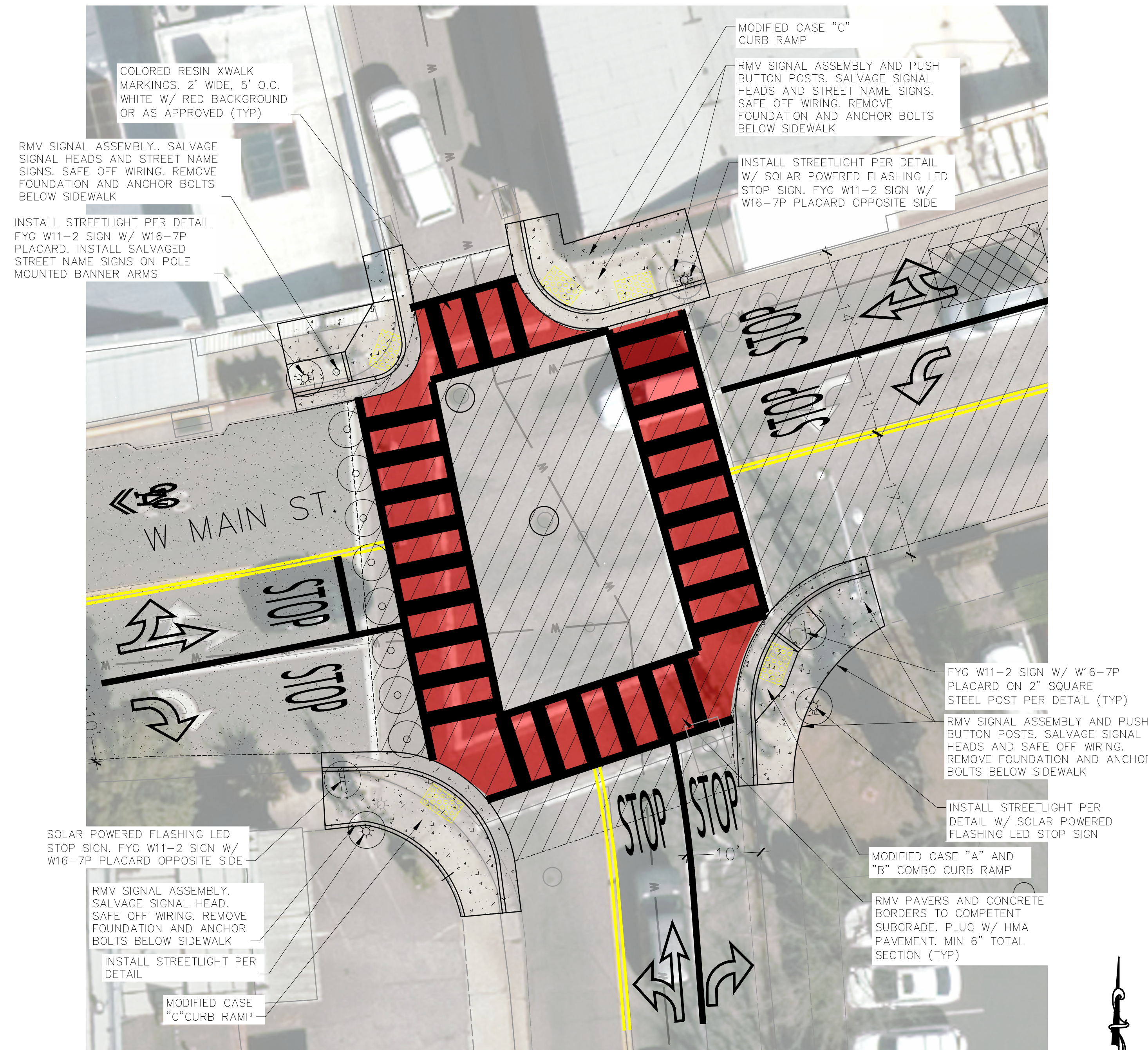


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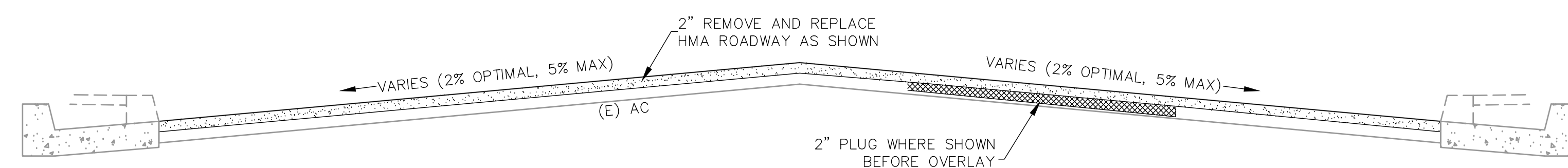
SHEET NUMBER:
4 OF 35

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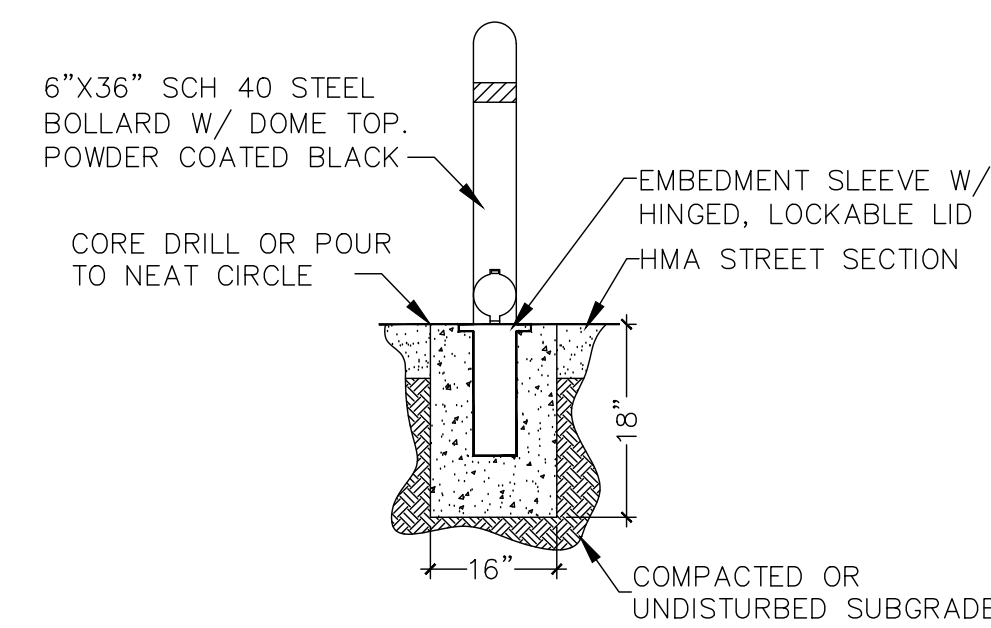


MAIN @ AUBURN INTERSECTION PLAN

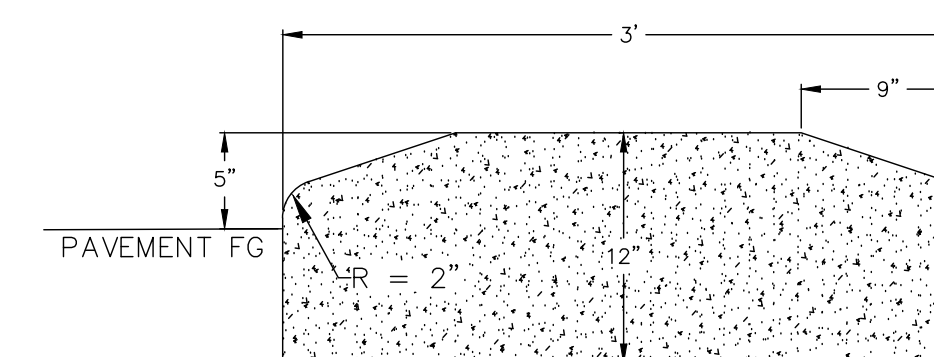
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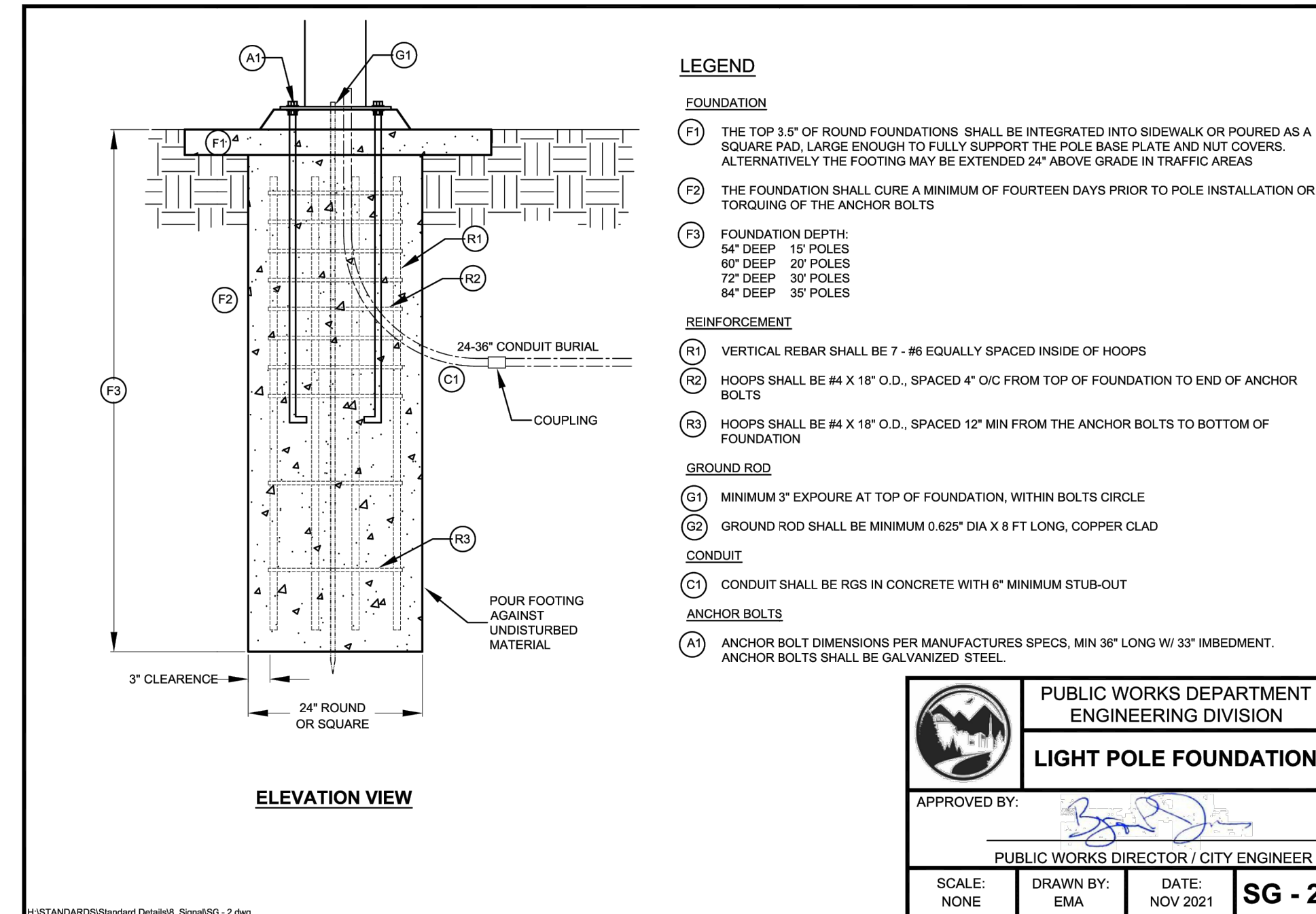
C
4
STREET CROSS SECTION
2-4" REMOVE AND REPLACE HMA
NOT TO SCALE



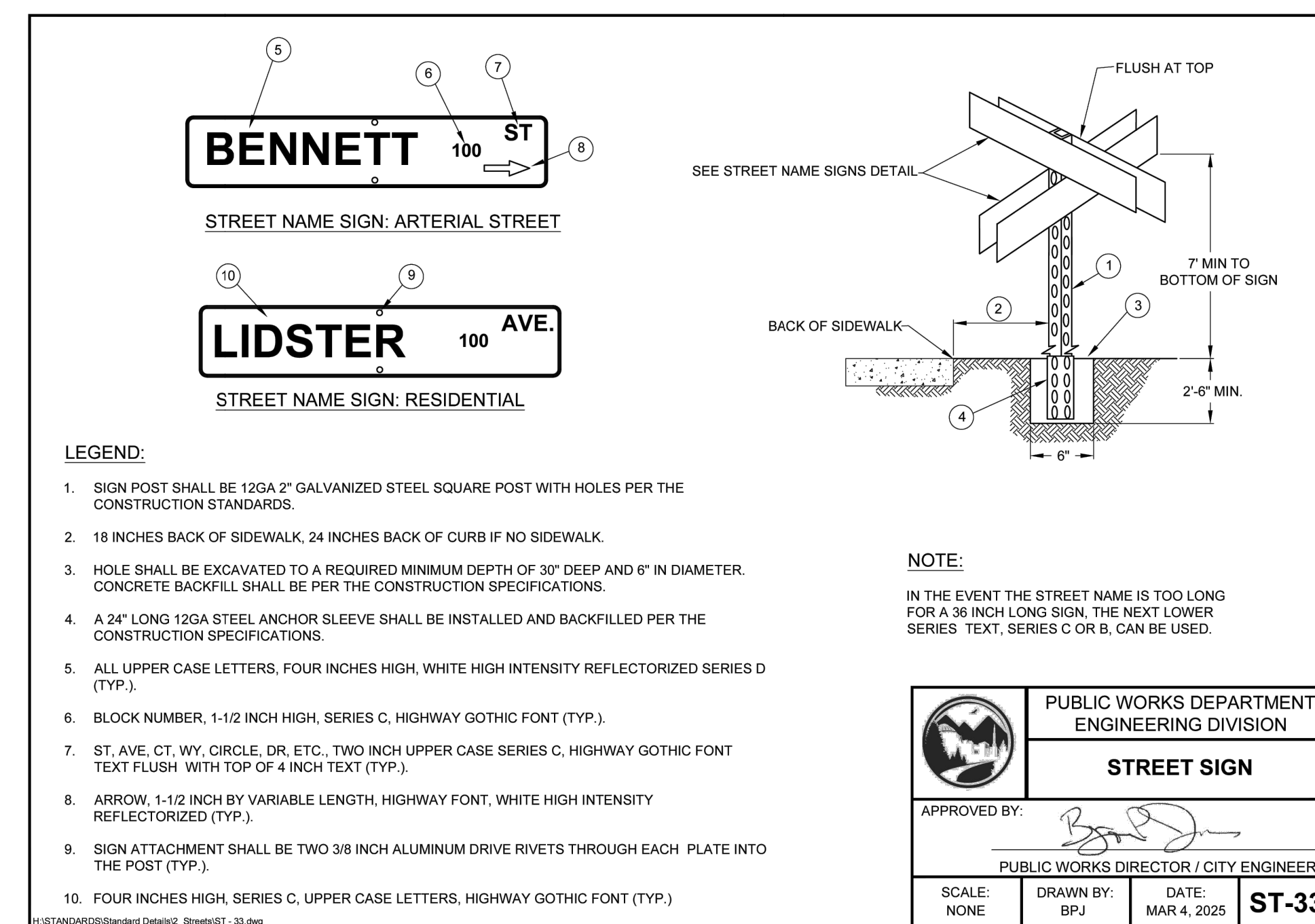
D
4
REMOVABLE BOLLARD
NOT TO SCALE



E
4
MOUNTABLE MEDIAN ISLAND
NOT TO SCALE



A
4
STREETLIGHT FOUNDATION
NOT TO SCALE



B
4
STREET SIGN
NOT TO SCALE

NOTE:
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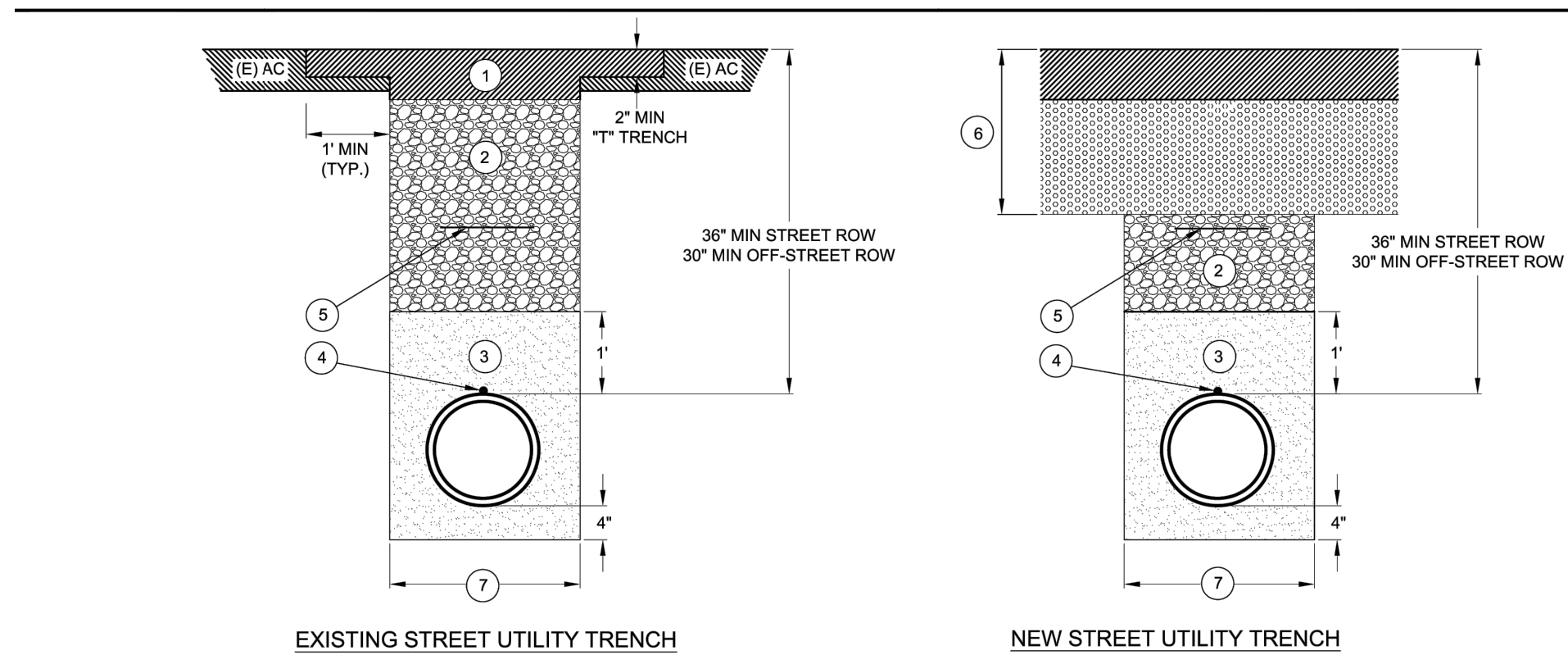
REVISIONS		APPROVAL
No.	Description	By Date

PROJECT NUMBER:
24-04

CITY OF GRASS VALLEY ENGINEERING DIVISION
DOWNTOWN STREET REHAB PROJECT
DETAILS I



DRAWN BY: BPJ DATE: FEB 2025
CHECKED BY: BPJ DATE: FEB 2025
DRAWING NUMBER:
2221
SHEET NUMBER:
5 OF 35



- NOTES:**
- AC PATCH, 4 INCHES THICK OR THAT OF EXISTING, WHICHEVER IS GREATER. T-TRENCH MAY BE ACHIEVED BY SAWCUT OR GRIND AND REMOVE. TACK COAT ON ALL PAVEMENT SURFACES (TYP.). SURFACE OF TRENCH EDGES SHALL BE SAND SEAL COATED W/ ASPHALT EMULSION AND BLACK SAND.
 - AB PROCESSED TO 95% RELATIVE COMPACTION OR CONTROLLED LOW-STRENGTH MATERIAL (TWO SACK SLURRY CEMENT OR DRY MIX POPCORN BACKFILL ON A CASE BY CASE BASIS WITH CITY ENGINEER APPROVAL).
 - IMPORTED SAND BEDDING FOR WATER AND ELECTRICAL FACILITIES. 3/4" CRUSHED ROCK FOR STORM DRAIN AND SEWER FACILITIES. CONSOLIDATED OR SHOVEL SLICED UNDER THE HAUNCHES OF THE PIPE.
 - #10 TRACING WIRE SECURED TO TOP OF WATER MAINS
 - BACKFILL TAPE LOCATED 12"-24" BELOW FINISH GRADE FOR ALL SEWER AND WATER MAINS.
 - STREET STRUCTURAL SECTION PER APPROVED PLANS.
 - TRENCH WIDTH IS FROM UNDISTURBED TRENCH SIDES. OD + 12" MIN., OD + 24" MAX.

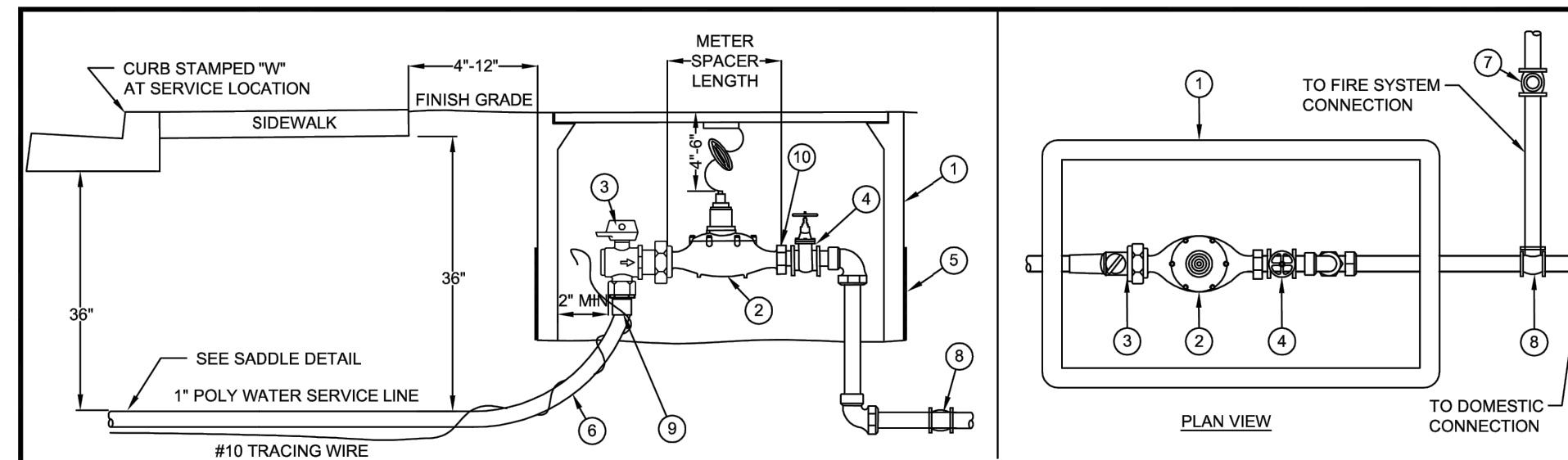
**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

**UTILITY TRENCH BEDDING
BACKFILL AND PAVING**

APPROVED BY: *[Signature]*
PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: BPJ DATE: MAR 4, 2025 **ST-2**

A UTILITY TRENCH
5 NOT TO SCALE



- LEGEND:**
- CHRISTY B16 BOX WITH FL160 LID FOR 3/4" METER / CHRISTY N50 BOX WITH FL300 LID FOR 1" METER (OR APPROVED EQUAL)
 - WATER METER (CITY)
 - 90° BRASS CURB STOP (CITY)
 - GATE OR BALL VALVE (PRIVATE)
 - CEMENT BOARD END PLATE (TYP.)
 - RADIUS 24" MIN.
 - SINGLE BRASS CHECK VALVE (PRIVATE)
 - TEE (PRIVATE)
 - POLY ADAPTOR
 - METER SPUD ADAPTOR (NOT NECESSARY FOR 1" METER)
- NOTES:**
- WATER METERS SHALL BE PURCHASED THROUGH THE CITY. PURCHASE INCLUDES INSTALLATION.
 - ALL PIPE AND FITTINGS SHALL BE BRASS, WITH THE EXCEPTION OF THE SERVICE LINES.
 - BURIED BRASS PIPE AND FITTINGS SHALL BE WRAPPED WITH 10 MIL POLYETHYLENE OR APPROVED EQUAL.
 - METER SPACER (SEE DETAIL) SCH 80 PVC NPT PIPE NIPPLE WITH 5 EA. X 1/2" DIA. HOLES THROUGH BOTH SIDES

METER SPACER:

METER SIZE	SPACER DIA	LENGTH
3/4"	3/4"	7-1/2"
1"	1"	7-3/4"

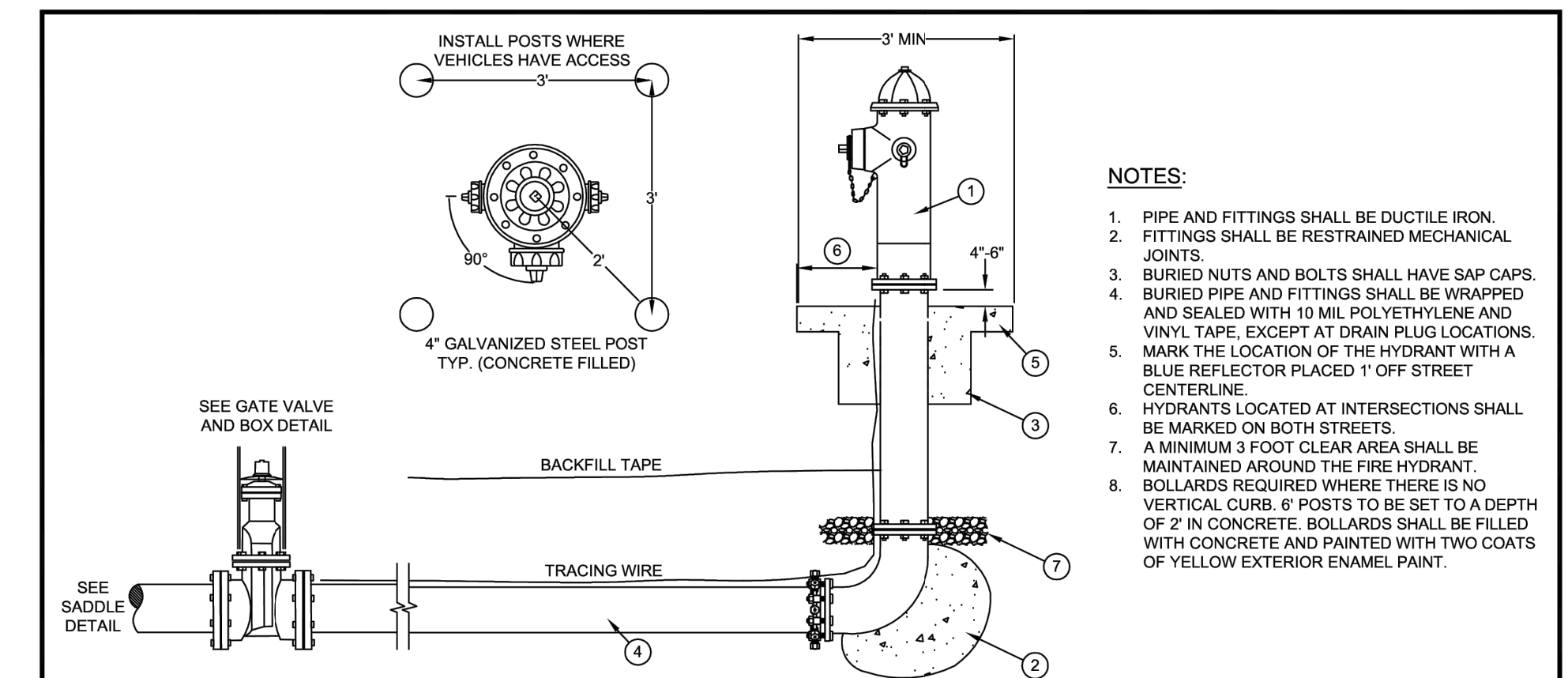
**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

3/4" & 1" SERVICES

APPROVED BY: *[Signature]*
PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **W-1**

B WATER SERVICE
5 NOT TO SCALE



- LEGEND:**
- MUELLER A423 FIRE HYDRANT PAINTED WITH TWO COATS OF MUELLER YELLOW PAINT. PRIVATE HYDRANTS SHALL BE PAINTED CHROME. TOPS AND NOZZLE CAPS TO BE PAINTED BY CITY.
 - CONCRETE THRUST BLOCK AGAINST UNDISTURBED SOIL.
 - 12" X 12" X 12" CONCRETE COLLAR FOR STABILITY
 - DUCTILE IRON PIPE AND FITTINGS FOR ENTIRE LENGTH.
 - MINIMUM 3" X 3" CONCRETE SLAB (4" THICK) WITH 2" CLEARANCE AROUND OPERATING NUT. SIDEWALK MAY CONSTITUTE A PORTION OF THE SLAB.
 - HYDRANT MAY NOT PROTRUDE OVER SIDEWALK. HYDRANT 3' FROM BACK OF CURB IF DETACHED OR NO SIDEWALK.
 - 6" MIN OF 1/2" DRAIN ROCK SURROUNDING DRAIN PLUG.

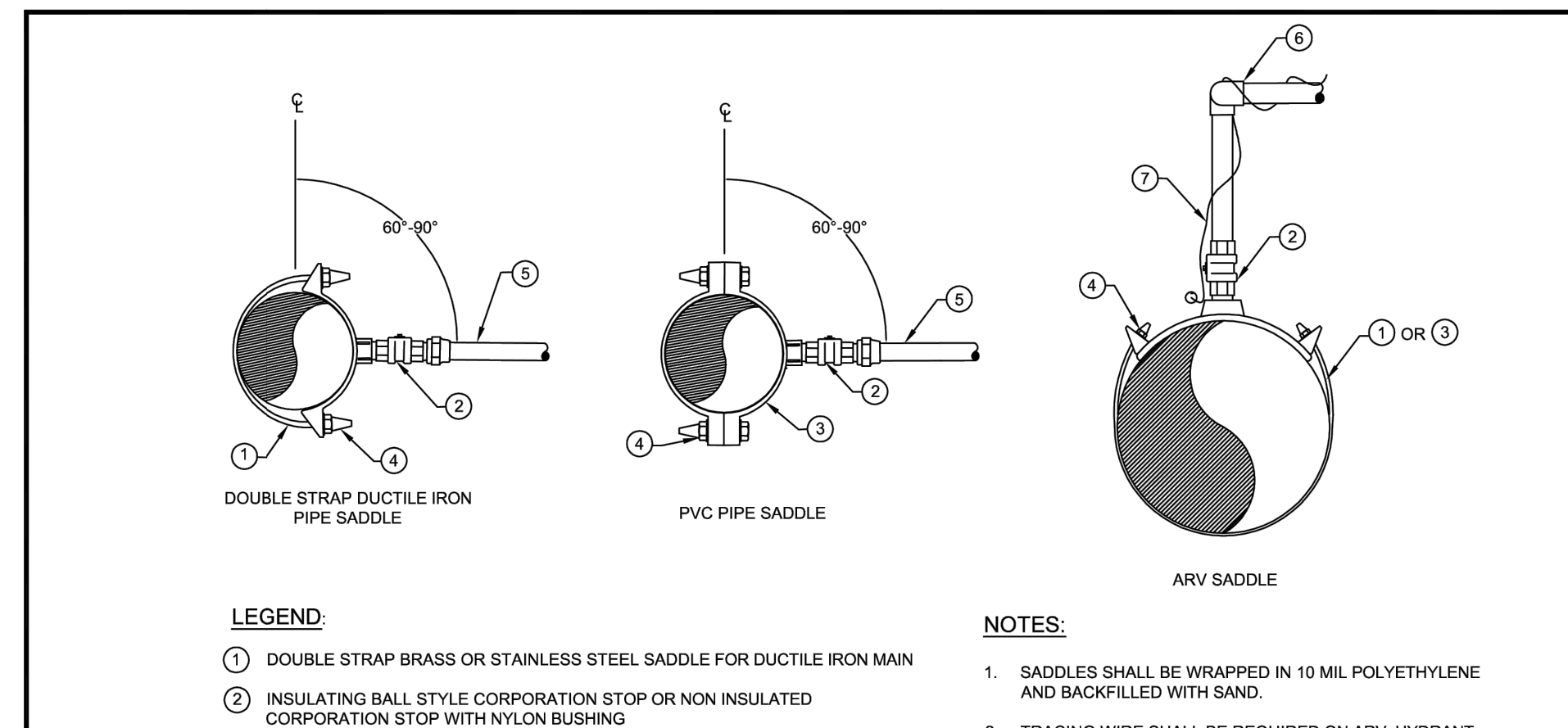
**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

FIRE HYDRANT ASSEMBLY

APPROVED BY: *[Signature]*
PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **W-6**

C FIRE HYDRANT
5 NOT TO SCALE



- LEGEND:**
- DOUBLE STRAP BRASS OR STAINLESS STEEL SADDLE FOR DUCTILE IRON MAIN
 - INSULATING BALL STYLE CORPORATION STOP OR NON INSULATED CORPORATION STOP WITH NYLON BUSHING
 - BRASS OR STAINLESS STEEL SADDLE FOR PVC MAIN
 - ZINC CAPS ON ALL BOLTS (ONLY WITH NON-INSULATED CORPORATION STOP)
 - POLY SERVICE
 - SWING JOINT (2 - 90° BRASS FITTINGS)
 - #10 INSULATED TRACING WIRE

- NOTES:**
- SADDLES SHALL BE WRAPPED IN 10 MIL POLYETHYLENE AND BACKFILLED WITH SAND.
 - TRACING WIRE SHALL BE REQUIRED ON ARV. HYDRANT RUNS, BLOW OFF'S, SERVICES WITHOUT CONTINUOUS COPPER PIPE, AND OTHER MAJOR APPURTENANCES.

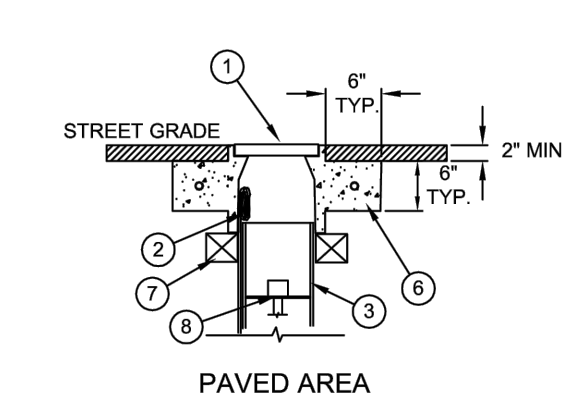
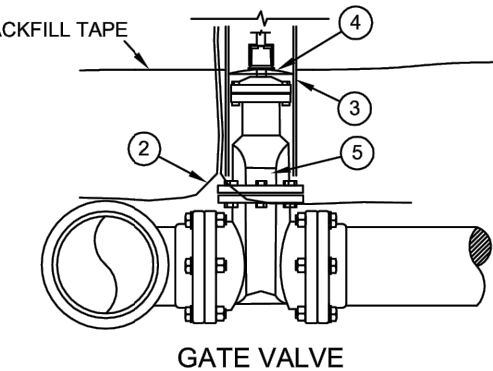
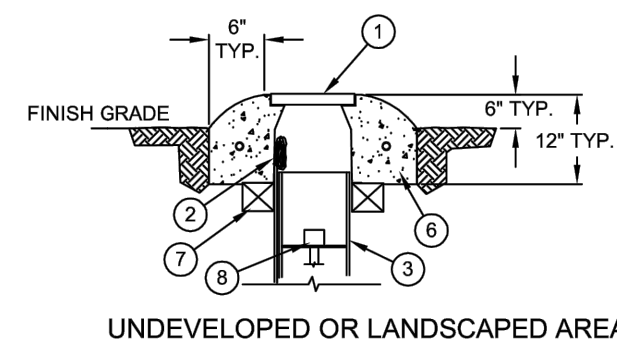
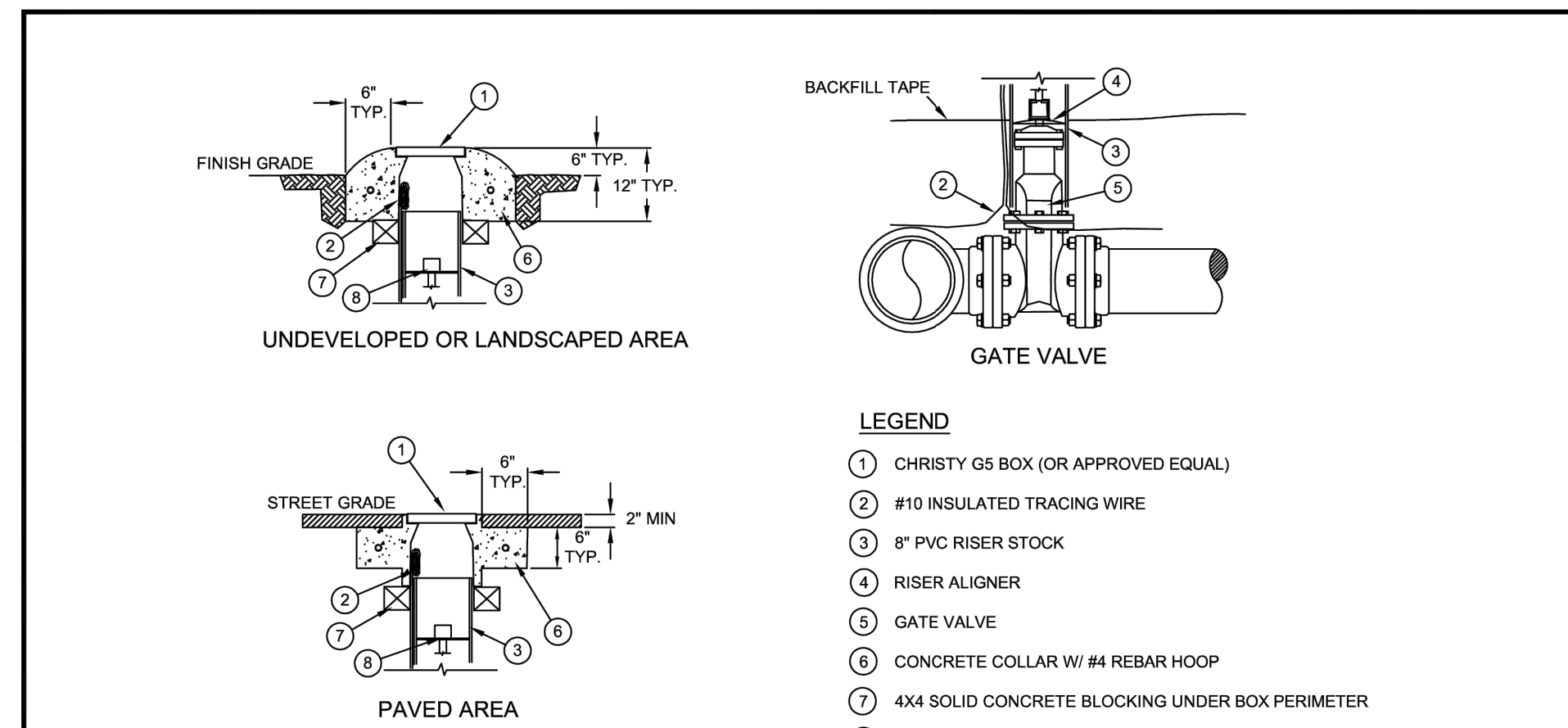
**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

SADDLE DETAIL

APPROVED BY: *[Signature]*
PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **W-8**

D SADDLE DETAIL
5 NOT TO SCALE



- LEGEND:**
- CHRISTY G5 BOX (OR APPROVED EQUAL)
 - #10 INSULATED TRACING WIRE
 - 8" PVC RISER STOCK
 - RISER ALIGNER
 - GATE VALVE
 - CONCRETE COLLAR W/ #4 REBAR HOOP
 - 4X4 SOLID CONCRETE BLOCKING UNDER BOX PERIMETER
 - VALVE EXTENSION PER THE CONSTRUCTION STANDARDS

- NOTES:**
- TRACING WIRE THROUGH VALVE BOXES SHALL BE PLACED OUTSIDE OF RISER BUT INSIDE OF BOX.
 - TRACING WIRE SHALL BE SPLICED INSIDE THE VALVE BOX PER TRACING WIRE SPLICE DETAIL AND SHALL LOOP WITHIN THE VALVE BOX WITH 18" OF SLACK WIRE.
 - ALL GATE VALVES SHALL BE CENTERED IN A ONE PIECE RISER STOCK WITH THE USE OF A RISER ALIGNER.
 - OPERATOR NUTS DEEPER THAN 40 INCHES FROM FINISH GRADE SHALL REQUIRE A VALVE NUT EXTENSION, 2 FEET MINIMUM IN LENGTH.
 - VALVES AND FITTINGS SHALL BE WRAPPED AND SEALED IN 10 MIL POLYETHYLENE.
 - VALVE BOX IN PAVEMENT TO BE SET 1/2" INCH BELOW FINISHED GRADE.

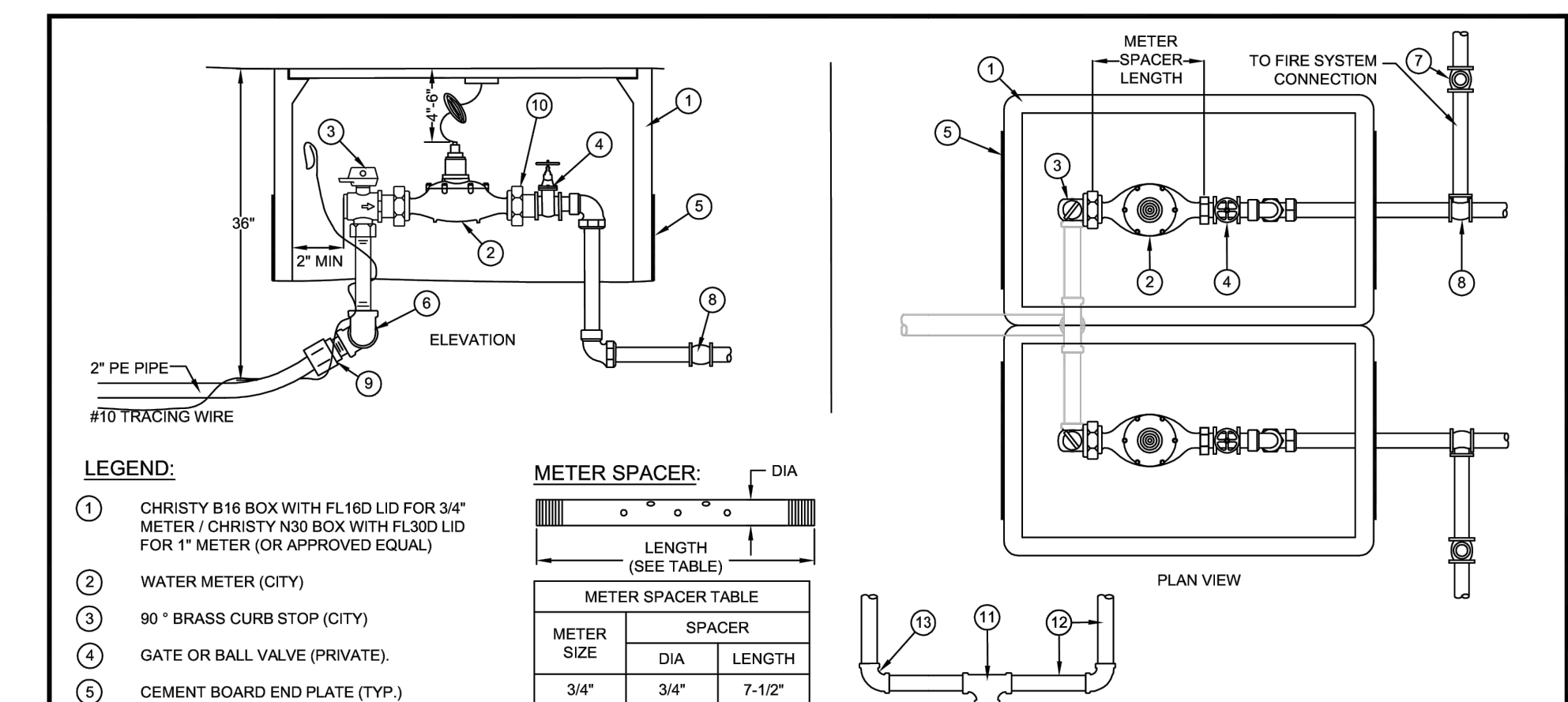
**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

GATE VALVE AND BOX

APPROVED BY: *[Signature]*
PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **W-9**

E GATE VALVE
5 NOT TO SCALE



- LEGEND:**
- CHRISTY B16 BOX WITH FL160 LID FOR 3/4" METER / CHRISTY N50 BOX WITH FL300 LID FOR 1" METER (OR APPROVED EQUAL)
 - WATER METER (CITY)
 - 90° BRASS CURB STOP (CITY)
 - GATE OR BALL VALVE (PRIVATE)
 - CEMENT BOARD END PLATE (TYP.)
 - DOUBLE METER BRASS MANIFOLD
 - SINGLE BRASS CHECK VALVE (PRIVATE)
 - TEE (PRIVATE)
 - POLY ADAPTOR
 - METER SPUD ADAPTOR (NOT NECESSARY FOR 1" METER)
 - BRASS TEE 1x1x2
 - BRASS SPOOL 1"
 - BRASS ELBOW 1"

METER SPACER:

METER SIZE	SPACER DIA	LENGTH
3/4"	3/4"	7-1/2"
1"	1"	7-3/4"

- NOTES:**
- WATER METERS SHALL BE PURCHASED THROUGH THE CITY. PURCHASE INCLUDES INSTALLATION.
 - ALL PIPE AND FITTINGS SHALL BE BRASS, WITH THE EXCEPTION OF THE POLY SERVICE LINES.
 - BURIED BRASS PIPE AND FITTINGS SHALL BE WRAPPED WITH 10 MIL POLYETHYLENE OR APPROVED EQUAL.
 - METER SPACER SCH 80 PVC NPT PIPE NIPPLE WITH 5 EA. X 1/2" DIA. HOLES THROUGH BOTH SIDES

**PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

3/4" & 1" DOUBLE WATER SERVICE

APPROVED BY: *[Signature]*
PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **W-19**

F DOUBLE SERVICE
5 NOT TO SCALE

REVISIONS

No.	Description	Engr Init	Date



PROJECT NUMBER:
24-04

CITY OF GRASS VALLEY ENGINEERING DIVISION
**DOWNTOWN STREET
REHAB PROJECT**
DETAILS II



DRAWN BY: BPJ DATE: FEB 2025
CHECKED BY: BPJ DATE: FEB 2025

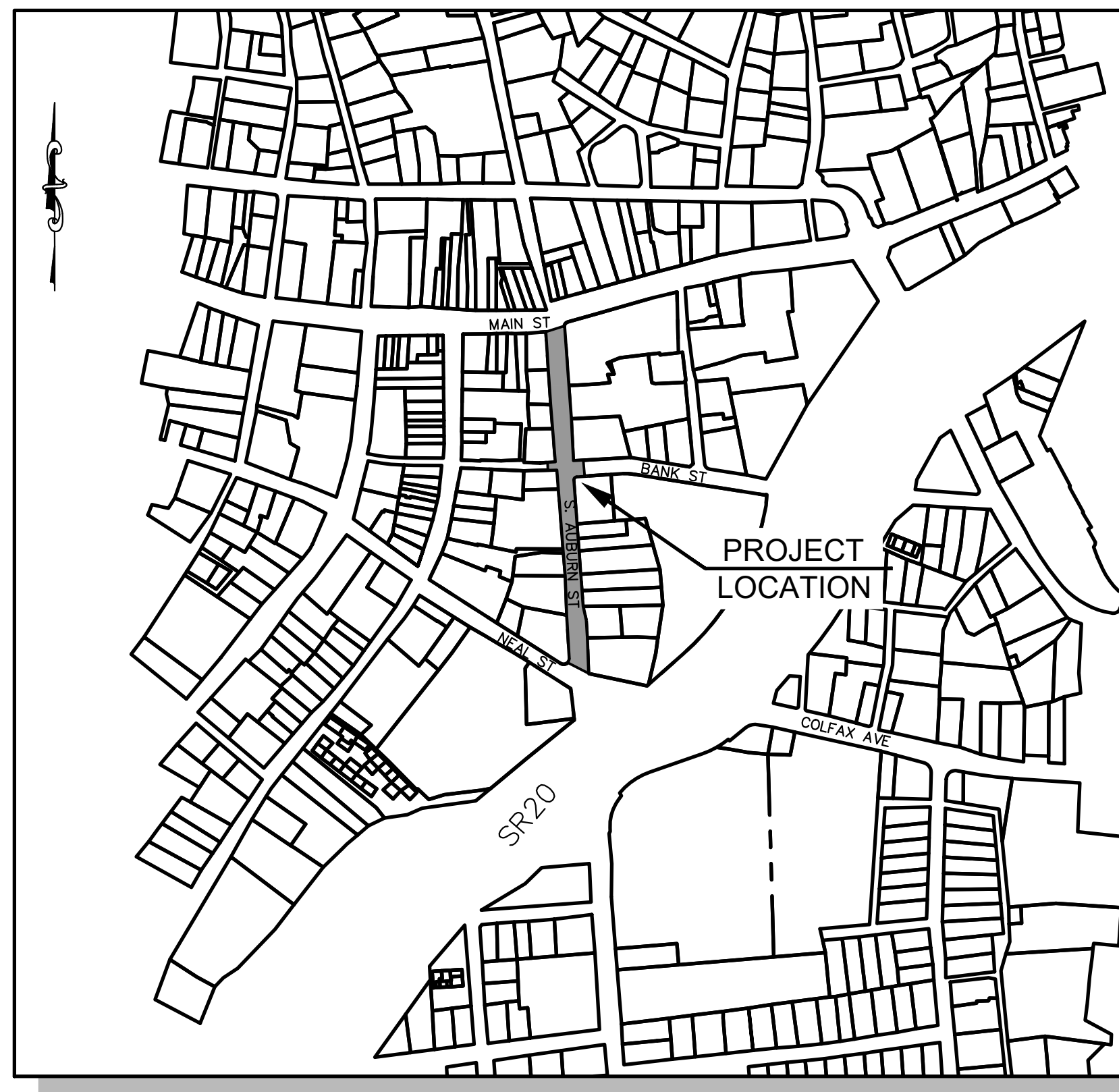
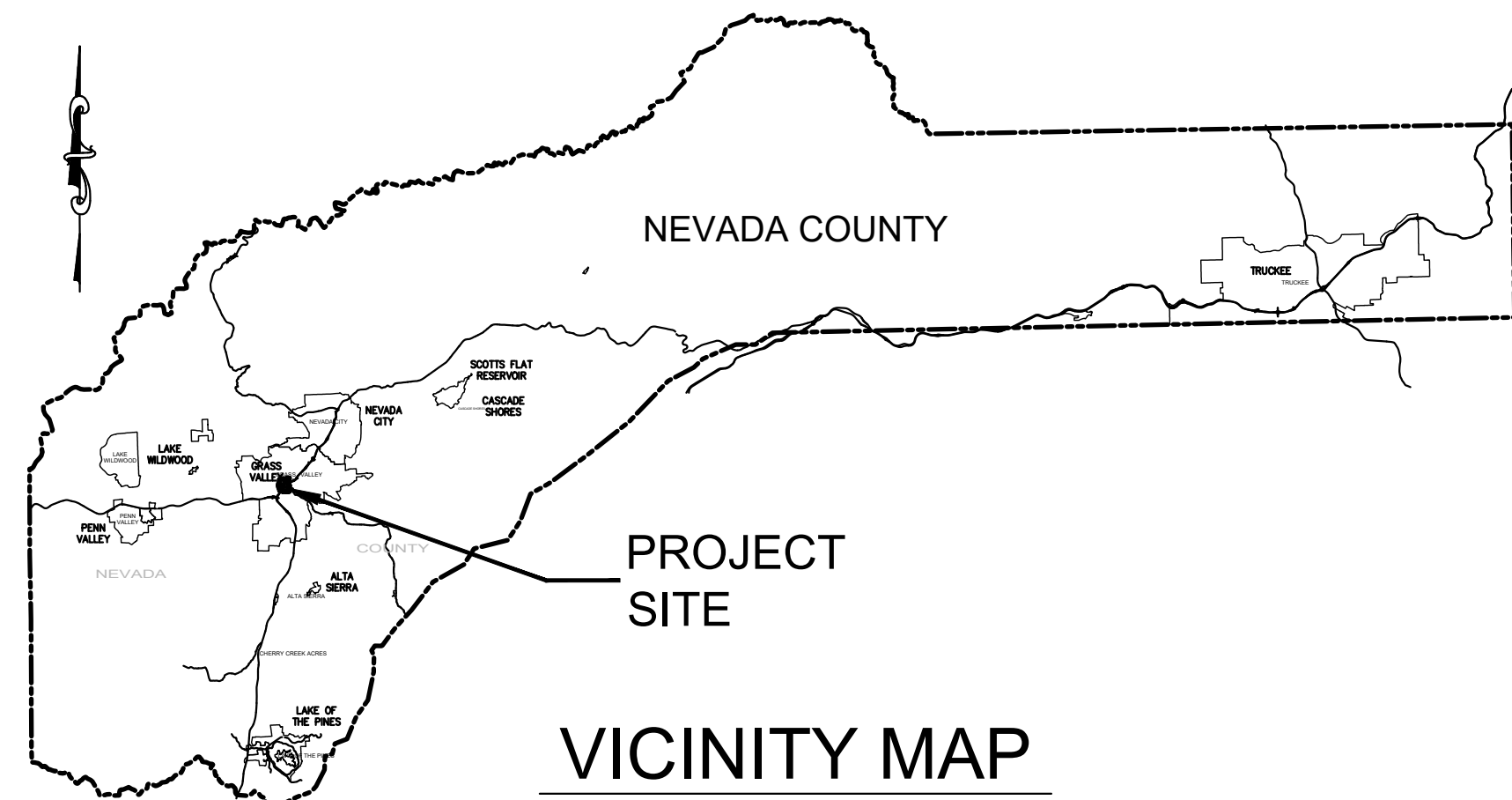
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2221
SHEET NUMBER:
6 OF 35

NOTE:
THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

3
2
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PROJECT PLANS FOR :
CITY OF GRASS VALLEY
South Auburn Street Pavement Replacement Project
NOVEMBER 2024
FOR THE
CITY OF GRASS VALLEY
NEVADA COUNTY, CALIFORNIA



NOT TO SCALE

INDEX OF SHEETS

No.	Sheet Title
1	TITLE SHEET
2	GENERAL NOTES, LEGEND, AND ABBREVIATIONS
3	SURVEY CONTROL AND CENTERLINE ALIGNMENT LAYOUT
4	LIP OF GUTTER ALIGNMENT LAYOUT
5	TYPICAL SECTIONS
6	DEMOLITION AND PROTECTION PLAN
7	S. AUBURN PLAN AND PROFILE STA 10+00 TO STA 13+00
8	S. AUBURN PLAN AND PROFILE STA 13+00 TO STA 16+00
9	S. AUBURN PLAN AND PROFILE STA 16+00 TO STA 18+69
10	BANK ST PLAN AND PROFILE STA 10+00 TO 11+24
11	GRADING SECTIONS 1 – S. AUBURN STREET
12	GRADING SECTIONS 2 – S. AUBURN STREET
13	GRADING SECTIONS 3 – S. AUBURN STREET
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16	GRADING SECTIONS 6 – S. AUBURN DRIVEWAYS
17	GRADING SECTIONS 7 – S. AUBURN DRIVEWAYS
18	GRADING SECTIONS 8 – BANK STREET
19	GRADING DETAILS 1
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21	GRADING DETAILS 3
22	GRADING DETAILS 4
23	GRADING DETAILS 5
24	GRADING DETAILS 6
25	GRADING DETAILS 7
26	GRADING DETAILS 8
27	SIGNAGE & STRIPING PLAN
28	STANDARD DETAILS
29	DETAILS 1

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Auburn, CA 95603
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Laurie M. Loiza

LAURIE M. LOAIZA , RCE 65951

11/20/2024
DATE



BID SET
DATE: NOVEMBER 2024

CITY OF GRASS VALLEY
APPROVED DATE 3/6/25
CITY ENGINEER

PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
DRAWING NUMBER
1 OF **29**

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CITY OF GRASS VALLEY MCCOURTNEY ROAD MULTIUSE TRAIL

FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

ABBREVIATIONS

Table of abbreviations for materials and construction elements, including AC (Asphalt Concrete), AB (Aggregate Base), ACP (Asbestos Cement Pipe), etc.

LEGEND

Legend table showing linetypes for PROPERTY LINE, EASEMENT, FLOWLINE, CENTERLINE/CONTROL LINE, CHAIN LINK FENCE, WOOD FENCE, WIRE FENCE, WATER MAIN PIPE, SANITARY SEWER PIPE, STORM DRAIN PIPE, GAS LINE, TELEPHONE LINE/CONDUIT, ELECTRICAL LINE/CONDUIT, OVERHEAD UTILITY.

Legend table showing symbols for CONCRETE, ASPHALT CONCRETE, AGGREGATE BASE, WATER MAIN GATE VALVE, WATER MAIN BLOWOFF, WATER METER, FIRE HYDRANT, SANITARY SEWER MANHOLE, SANITARY SEWER CLEANOUT, STORM DRAIN MANHOLE, STORM DRAIN DROP INLET (TOP OPENING), STORM DRAIN DROP INLET (SIDE OPENING), MAILBOX, ROADSIDE SIGN, STREET LIGHT, TREE AND DRIP LINE, SURVEY CONTROL POINT, JOINT UTILITY POLE, ADDRESS.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, RIGHTS OF ENTRY, APPROVALS AND LICENSES PRIOR TO BEGINNING CONSTRUCTION.
2. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
3. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS OF THE STATE OF CALIFORNIA AND CAL/OSHA STANDARDS...

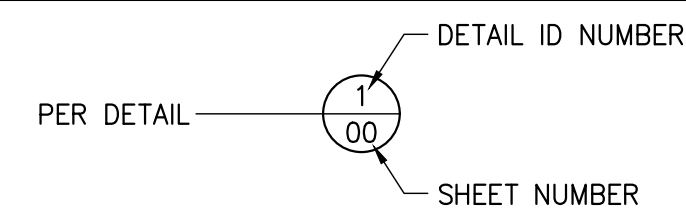
CONSTRUCTION NOTE DESIGNATIONS

- (R1) = ROADWAY AND RELATED ITEMS CONSTRUCTION NOTES.
(D1) = DRAINAGE AND RELATED ITEMS CONSTRUCTION NOTES.
(X1) = REMOVAL AND RELATED ITEMS CONSTRUCTION NOTES.
(U1) = UTILITY AND RELATED ITEMS CONSTRUCTION NOTES.
(P1) = PROTECTION AND RELATED ITEMS CONSTRUCTION NOTES.
(T1) = SIGNAGE, STRIPING AND RELATED ITEMS CONSTRUCTION NOTES.

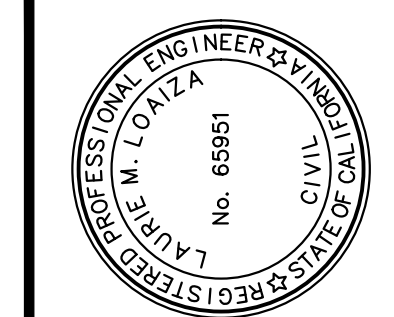
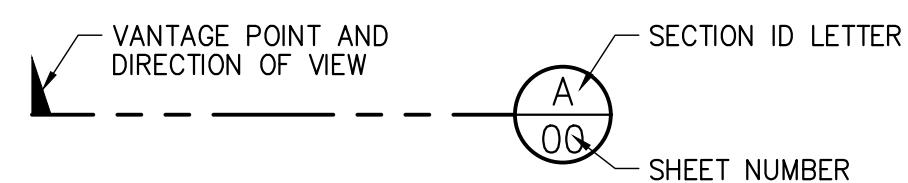
- 23. THE CONSTRUCTION WORK HOURS FOR THIS PROJECT ARE LIMITED TO MONDAY THROUGH FRIDAY, 7:00 AM TO 6:00 PM. CONSTRUCTION IS PROHIBITED ON SATURDAYS, SUNDAYS, COUNTY/FEDERAL HOLIDAYS, AND PER SPECIFICATIONS, EXCEPT WITH WRITTEN PERMISSION OF THE COUNTY AND CITY.
24. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITION OF PREMISES ON WHICH WORK IS PERFORMED AND FOR THE SAFETY OF ALL PERSONS AND PROPERTY ON THE SITE, BOTH DURING AND OUTSIDE OF NORMAL WORKING HOURS...

DETAIL AND SECTION CALLOUTS

DETAILS:



SECTIONS:



PREPARED UNDER THE DIRECTION OF Laurie M. Loaliza, 11/20/2024, LAURIE M. LOALIZA, RCE 65951, DATE, DESIGNED BY ERG, DRAWN BY ERG, REVIEWED BY DHSJ/LML

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CALIFORNIA SOUTH AUBURN STREET PAVEMENT REPLACEMENT GRASS VALLEY

ABBREVIATIONS, LEGEND & GENERAL NOTES

PROJECT NUMBER 565218

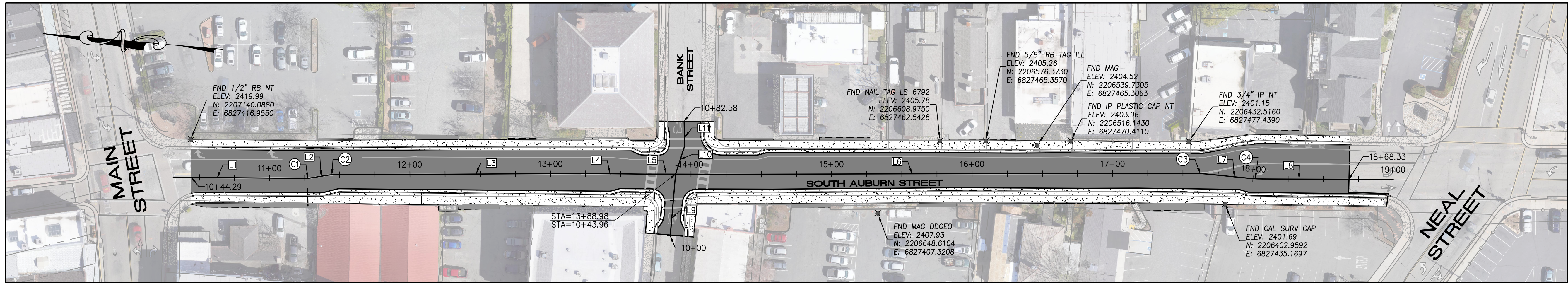
DRAWING DATE NOVEMBER 2024

SHEET NUMBER 2 OF 29

BID SET DATE: NOVEMBER 2024

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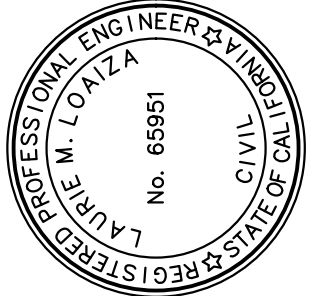
FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



CENTERLINE ALIGNMENT LAYOUT
1" = 40'

SOUTH AUBURN STREET – DESIGN CONTROL LINE DATA							
Number	Radius	Length	Line/Chord Direction	Start Station	Start Point	End Station	End Point
L1		92.24	S4° 29' 49.86"E	10+31.39	N: 2207150.17 E: 6827389.21	11+23.63	N: 2207058.21 E: 6827396.44
C1	45.00	7.85	S9° 29' 49.86"E				
L2		8.52	S14° 29' 49.86"E	11+31.49	N: 2207050.48 E: 6827397.73	11+40.01	N: 2207042.23 E: 6827399.87
C2	45.00	7.31	S9° 50' 27.29"E				
L3		174.35	S5° 14' 45.88"E	11+47.33	N: 2207035.03 E: 6827401.12	13+21.67	N: 2206861.41 E: 6827417.06
L4		47.02	S4° 34' 12.71"E	13+21.67	N: 2206861.41 E: 6827417.06	13+68.70	N: 2206814.53 E: 6827420.80
L5		48.88	S4° 51' 41.89"E	13+68.70	N: 2206814.53 E: 6827420.80	14+17.57	N: 2206765.84 E: 6827424.95
L6		339.21	S5° 06' 22.86"E	14+17.57	N: 2206765.84 E: 6827424.95	17+56.79	N: 2206427.97 E: 6827455.14
C3	100.05	10.14	S2° 12' 10.72"E				
L7		30.14	S0° 42' 01.43"W	17+66.93	N: 2206417.84 E: 6827455.53	17+97.07	N: 2206387.70 E: 6827455.16
C4	99.97	9.63	S2° 03' 32.65"E				
L8		93.02	S4° 49' 06.74"E	18+06.70	N: 2206378.08 E: 6827455.51	18+99.72	N: 2206285.38 E: 6827463.32

BANK STREET – DESIGN CONTROL LINE DATA							
Number	Radius	Length	Line/Chord Direction	Start Station	Start Point	End Station	End Point
L9		43.96	N89° 54' 23.16"E	10+00.00	N: 2206794.25 E: 6827378.53	10+43.96	N: 2206794.32 E: 6827422.48
L10		21.22	S77° 07' 49.80"E	10+43.96	N: 2206794.32 E: 6827422.48	10+65.18	N: 2206789.59 E: 6827443.17
L11		22.40	N83° 37' 25.08"E	10+65.18	N: 2206789.59 E: 6827443.17	10+87.58	N: 2206792.08 E: 6827465.44



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaiza
 LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
 DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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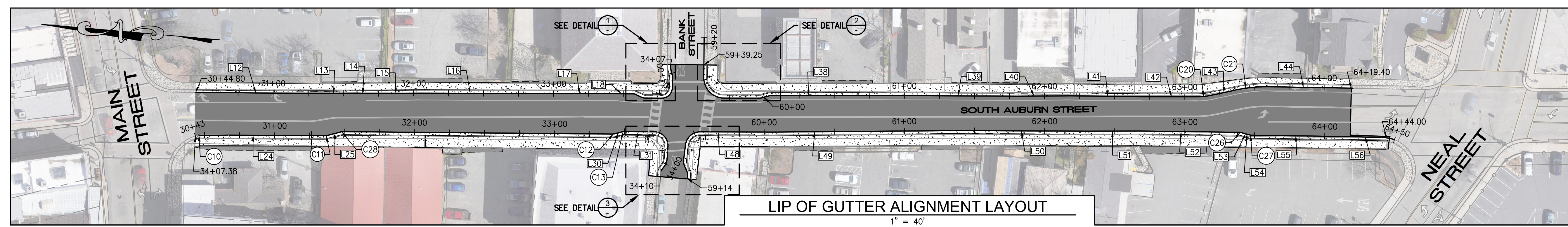
CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
**SURVEY CONTROL AND
 CENTERLINE ALIGNMENT LAYOUT**

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
3 OF **29**

BID SET
DATE: NOVEMBER 2024

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LIP OF GUTTER ALIGNMENT LAYOUT
1" = 40'

SOUTH AUBURN STREET NORTH EAST LIP OF GUTTER DESIGN CONTROL LINE DATA

Number	Radius	Length	Line/Chord Direction	Start Station	Start Point	End Station	End Point
L12	105.17		S4° 26' 50.54"E	30+28.83	N: 2207154.80 E: 6827408.91	31+34.00	N: 2207049.94 E: 6827417.06
L13	25.89		S5° 42' 25.97"E	31+34.00	N: 2207049.94 E: 6827417.06	31+59.89	N: 2207024.18 E: 6827419.64
L14	6.56		S1° 20' 01.61"E	31+59.89	N: 2207024.18 E: 6827419.64	31+66.45	N: 2207017.63 E: 6827419.79
L15	38.38		S5° 32' 41.36"E	31+66.45	N: 2207017.63 E: 6827419.79	32+04.83	N: 2206979.43 E: 6827423.50
L16	65.22		S4° 45' 38.14"E	32+04.83	N: 2206979.43 E: 6827423.50	32+70.05	N: 2206914.43 E: 6827428.91
L17	70.60		S4° 56' 48.14"E	32+70.05	N: 2206914.43 E: 6827428.91	33+40.65	N: 2206844.09 E: 6827435.00
L18	16.33		S4° 39' 03.69"E	33+40.65	N: 2206844.09 E: 6827435.00	33+56.98	N: 2206827.82 E: 6827436.32
C5	2.37	1.04	S7° 47' 33.86"W				
L19	4.95		S20° 23' 41.13"W	33+58.02	N: 2206826.79 E: 6827436.18	33+62.98	N: 2206822.15 E: 6827434.45
C6	7.62	3.32	S7° 54' 44.21"W				
L20	11.38		S4° 34' 12.71"E	33+66.30	N: 2206818.88 E: 6827434.00	33+77.68	N: 2206807.54 E: 6827434.91
C7	7.62	11.89	S49° 15' 06.25"E				
L21	6.34		N86° 04' 00.22"E	33+89.57	N: 2206800.54 E: 6827443.03	33+95.92	N: 2206800.97 E: 6827449.36
C8	12.62	3.29	N78° 36' 29.06"E				
L22	3.30		N71° 08' 57.90"E	33+99.20	N: 2206801.62 E: 6827452.57	34+02.51	N: 2206802.69 E: 6827455.70
C9	7.37	1.84	N78° 17' 19.95"E				
L23	2.20		N85° 25' 42.00"E	34+04.35	N: 2206803.06 E: 6827457.49	34+06.54	N: 2206803.23 E: 6827459.68

SOUTH AUBURN STREET NORTH WEST LIP OF GUTTER DESIGN CONTROL LINE DATA

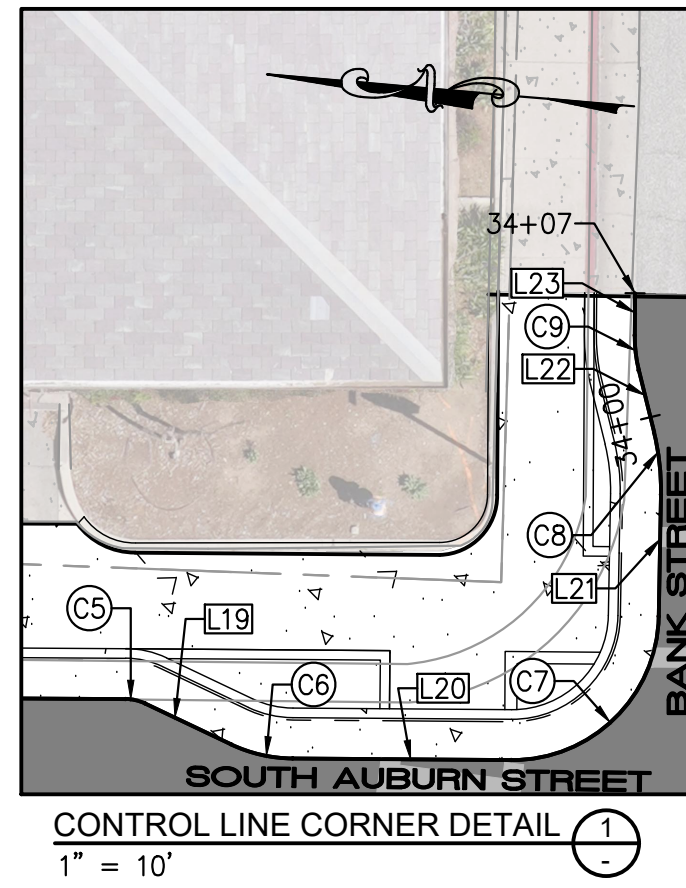
Number	Radius	Length	Line/Chord Direction	Start Station	Start Point	End Station	End Point
C10	32.59	2.77	S19° 42' 51.84"E				
L24	89.22		S4° 41' 16.32"E	30+46.16	N: 2207133.83 E: 6827379.97	31+35.38	N: 2207044.91 E: 6827387.26
C11	10.00	2.57	S12° 02' 23.47"E				
L25	9.18		S19° 23' 30.62"E	31+37.94	N: 2207042.41 E: 6827387.79	31+47.12	N: 2207033.75 E: 6827390.84
C28	10.00	2.60	S11° 56' 09.33"E				
C12	7.38	1.93	S11° 44' 03.83"E				
L30	5.49		S19° 14' 03.83"E	33+42.77	N: 2206838.79 E: 6827406.70	33+48.26	N: 2206833.61 E: 6827408.51
C13	7.38	1.89	S11° 54' 08.27"E				
L31	21.01		S4° 34' 12.71"E	33+50.15	N: 2206831.77 E: 6827408.89	33+71.15	N: 2206810.83 E: 6827410.57
C14	10.00	16.32	S42° 11' 09.31"W				
L32	8.69		S88° 56' 31.34"W	33+87.47	N: 2206800.03 E: 6827400.78	33+96.16	N: 2206799.87 E: 6827392.10
C15	9.63	5.50	N74° 41' 24.16"W				
L33	3.28		N58° 19' 19.65"W	34+01.66	N: 2206801.30 E: 6827386.87	34+04.94	N: 2206803.02 E: 6827384.08
C16	4.34	2.49	N74° 36' 25.70"W				
L34	2.68		S89° 06' 28.42"W	34+07.42	N: 2206803.68 E: 6827381.71	34+10.11	N: 2206803.63 E: 6827379.03

SOUTH AUBURN STREET SOUTH EAST LIP OF GUTTER DESIGN CONTROL LINE DATA

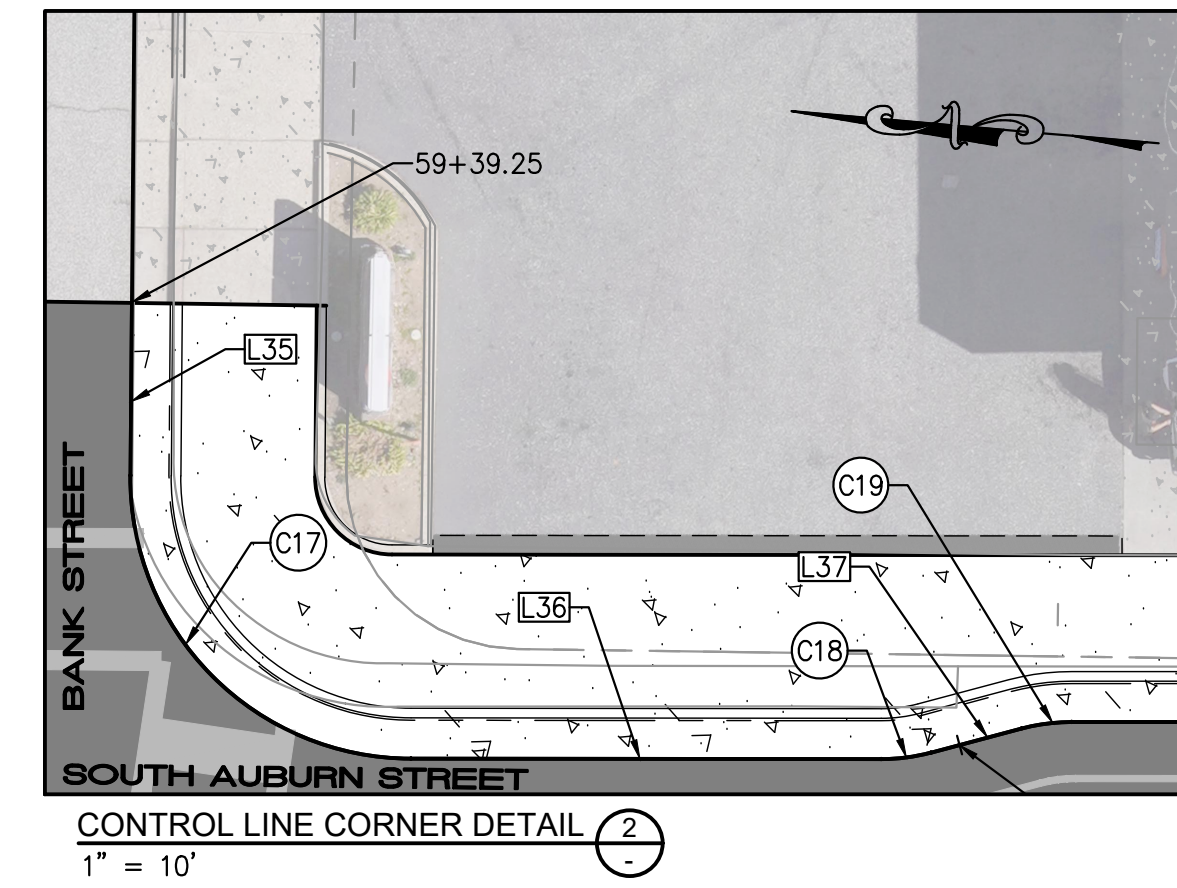
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L35	28.71		S85° 28' 10.55"W	59+19.57	N: 2206781.17 E: 6827480.92	59+48.28	N: 2206778.90 E: 6827452.29
C17	14.62	23.08	S40° 16' 08.93"W				
L36	24.48		S4° 55' 52.70"E	59+71.36	N: 2206763.06 E: 6827438.88	59+95.84	N: 2206738.67 E: 6827440.98
C18	10.00	2.62	S12° 25' 52.70"E				
L37	4.89		S19° 55' 52.70"E	59+98.46	N: 2206736.12 E: 6827441.54	60+03.34	N: 2206731.53 E: 6827443.21
C19	10.00	2.64	S12° 22' 16.12"E				
L38	77.09		S4° 59' 46.80"E	60+05.98	N: 2206728.96 E: 6827443.77	60+83.07	N: 2206652.16 E: 6827450.49
L39	98.06		S4° 42' 21.66"E	60+83.07	N: 2206652.16 E: 6827450.49	61+81.13	N: 2206554.43 E: 6827458.53
L40	37.81		S5° 23' 10.56"E	61+81.13	N: 2206554.43 E: 6827458.53	62+18.94	N: 2206516.79 E: 6827462.08
L41	50.45		S4° 16' 12.51"E	62+18.94	N: 2206516.79 E: 6827462.08	62+69.39	N: 2206466.48 E: 6827465.84
L42	39.33		S4° 59' 07.20"E	62+69.39	N: 2206466.48 E: 6827465.84	63+08.72	N: 2206427.30 E: 6827469.25
C20	50.00	10.54	S11° 01' 24.60"E				
L43	18.37		S17° 03' 42.00"E	63+19.25	N: 2206416.98 E: 6827471.27	63+37.62	N: 2206399.42 E: 6827476.65
C21	100.00	22.75	S10° 32' 40.65"E				
L44	60.19		S4° 02' 01.35"E	63+60.37	N: 2206377.10 E: 6827480.81	64+20.56	N: 2206317.06 E: 6827485.04

SOUTH AUBURN STREET SOUTH WEST LIP OF GUTTER DESIGN CONTROL LINE DATA

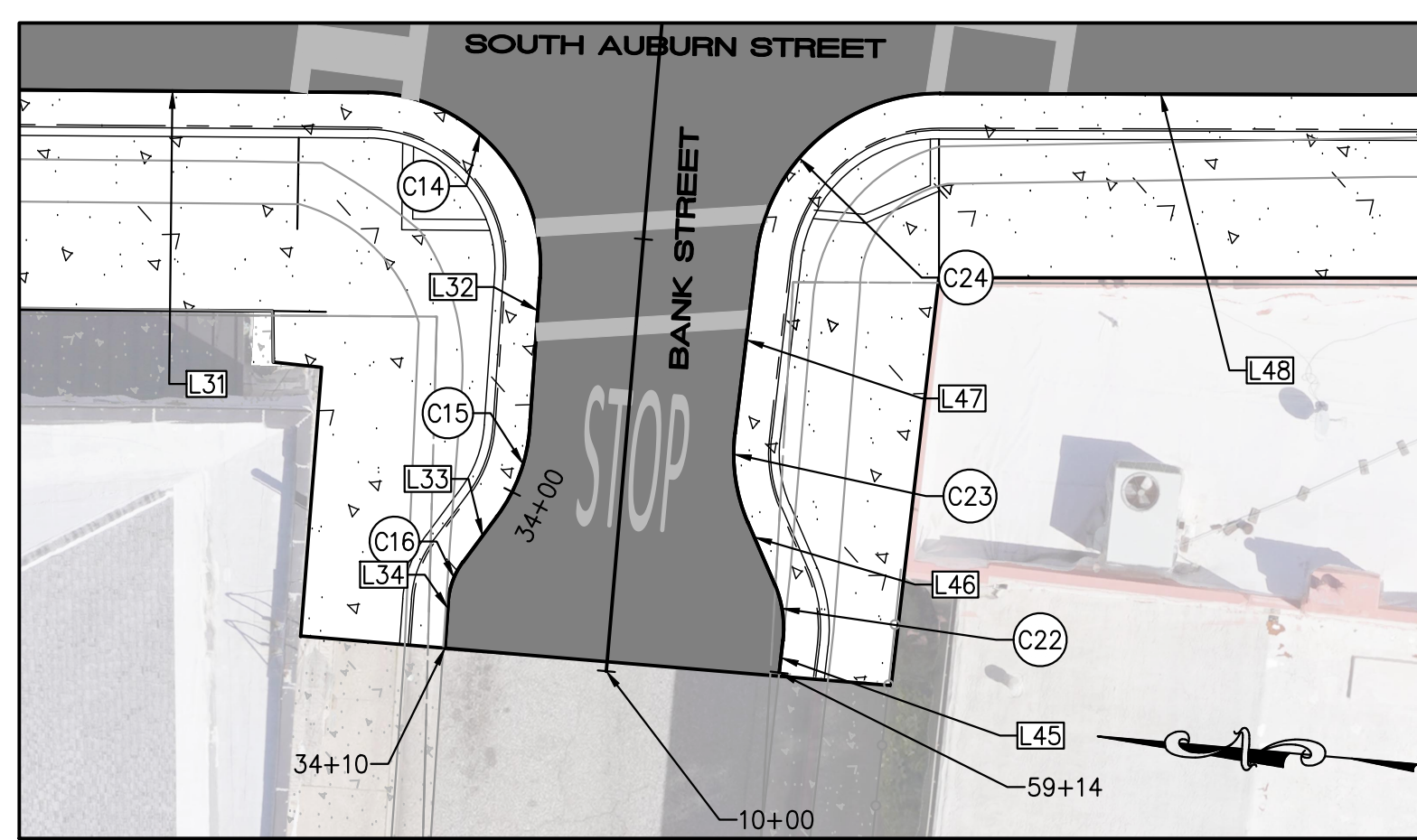
Number	Radius	Length	Line/Chord Direction	Start Station	Start Point	End Station	End Point
L45	1.85		S88° 20' 01.34"E	59+14.39	N: 2206784.32 E: 6827379.32	59+16.24	N: 2206784.27 E: 6827381.16
C22	6.37	3.34	N76° 39' 58.66"E				
L46	3.86		N61° 39' 58.66"E	59+19.58	N: 2206785.03 E: 6827384.38	59+23.44	N: 2206786.86 E: 6827387.78
C23	10.00	5.24	N76° 39' 58.66"E				
L47	10.29		S88° 07' 56.76"E	59+28.68	N: 2206788.05 E: 6827392.81	59+38.97	N: 2206787.72 E: 6827403.10
C24	10.63	15.49	S46° 35' 58.77"E				
L48	53.59		S4° 49' 38.42"E	59+54.46	N: 2206777.99 E: 6827413.38	60+08.05	N: 2206724.60 E: 6827417.89
L49	131.53		S5° 27' 56.88"E	60+08.05	N: 2206724.60 E: 6827417.89	61+39.58	N: 2206593.66 E: 6827430.42
L50	90.97		S4° 44' 10.15"E	61+39.58	N: 2206593.66 E: 6827430.42	62+30.56	N: 2206503.00 E: 6827437.93
L51	37.19		S5° 09' 52.44"E	62+30.56	N: 2206503.00 E: 6827437.93	62+67.75	N: 2206465.96 E: 6827441.28
L52	70.53		S4° 15' 04.11"E	62+67.75	N: 2206465.96 E: 6827441.28	63+38.28	N: 2206395.62 E: 6827446.51
C26	10.00	2.62	S3° 14' 55.89"W				
L53	5.09		S10° 44' 55.89"W	63+40.90	N: 2206393.01 E: 6827446.36	63+45.99	N: 2206388.01 E: 6827445.41
L54	5.09		S10° 44' 55.89"W	63+40.90	N: 2206393.01 E: 6827446.36	63+45.99	N: 2206388.01 E: 6827445.41
C27	10.00	2.62	S3° 14' 55.89"W				
L55	70.16		S4° 15' 09.67"E	63+48.61	N: 2206385.40 E: 6827445.26	64+18.77	N: 2206315.43 E: 6827450.47
L56	25.23		S3° 06' 40.94"E	64+18.77	N: 2206315.43 E: 6827450.47	64+44.00	N: 2206290.24 E: 6827451.84



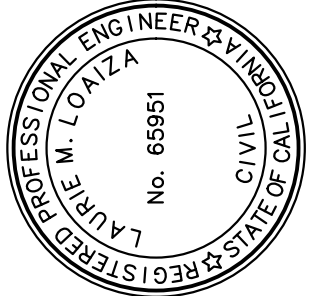
CONTROL LINE CORNER DETAIL 1
1" = 10'



CONTROL LINE CORNER DETAIL 2
1" = 10'



CONTROL LINE CORNER DETAIL 3
1" = 10'



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaliza
LAURIE M. LOALIZA, RCE 65951 DATE 11/20/2024
DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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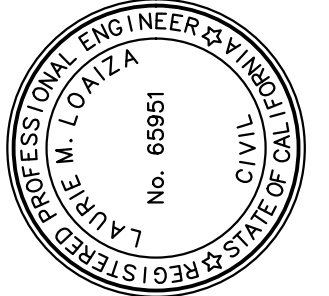
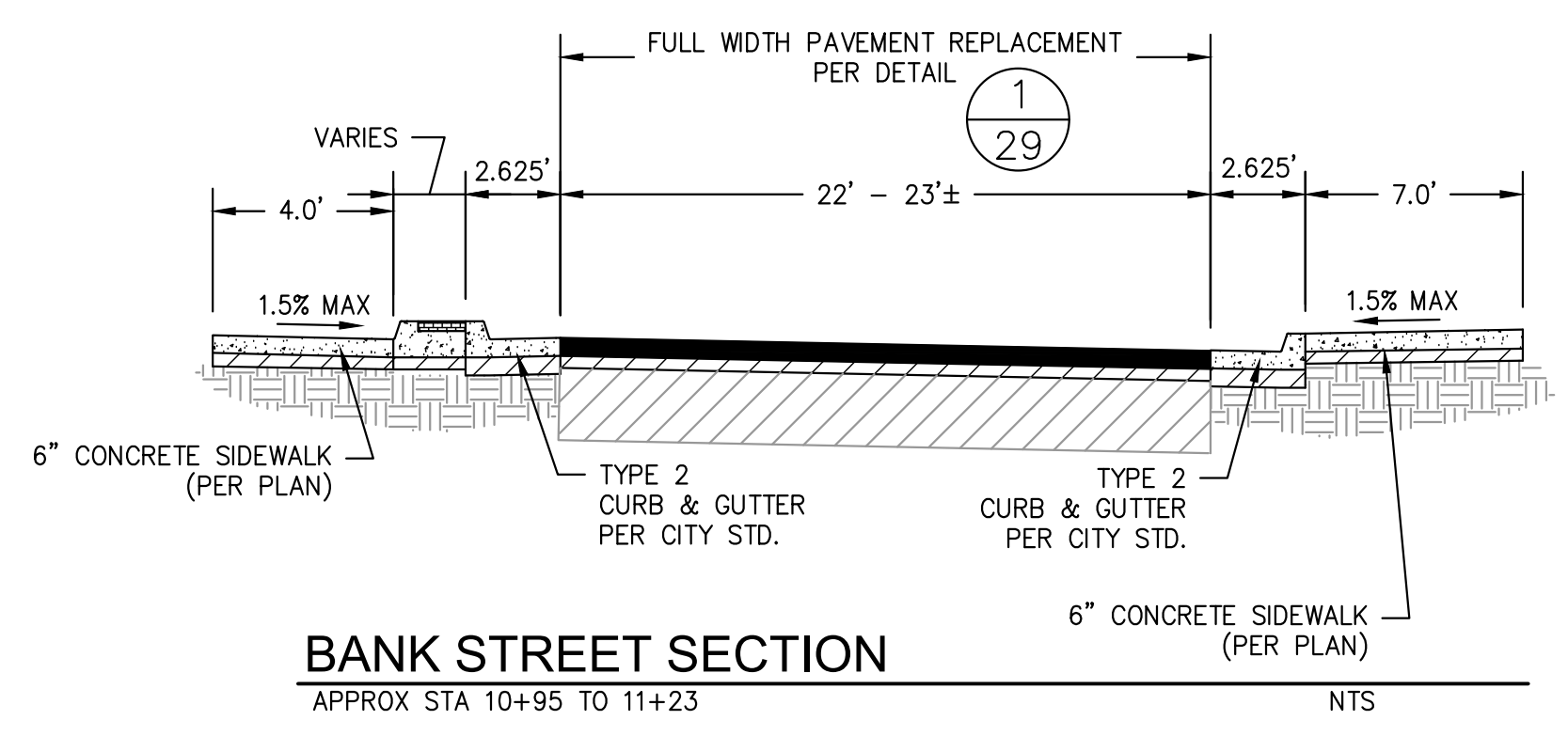
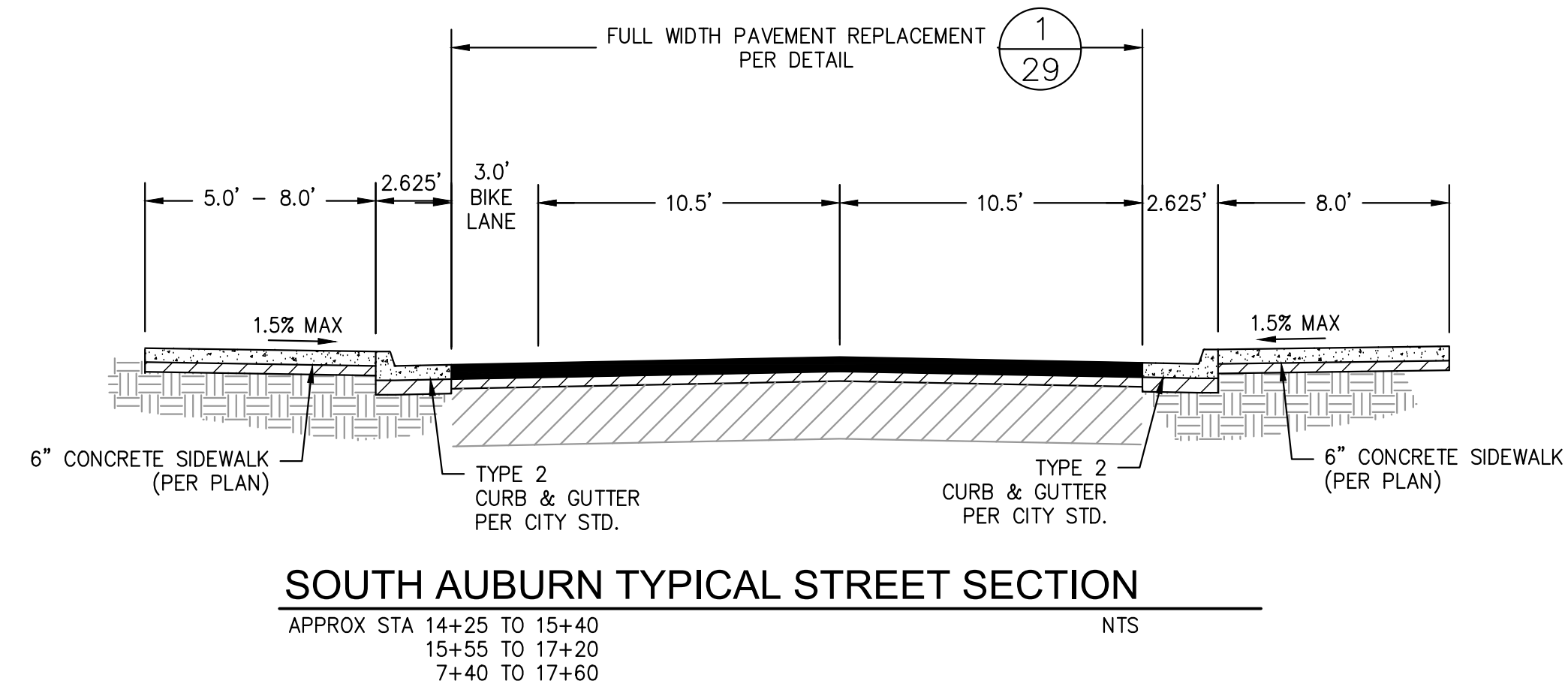
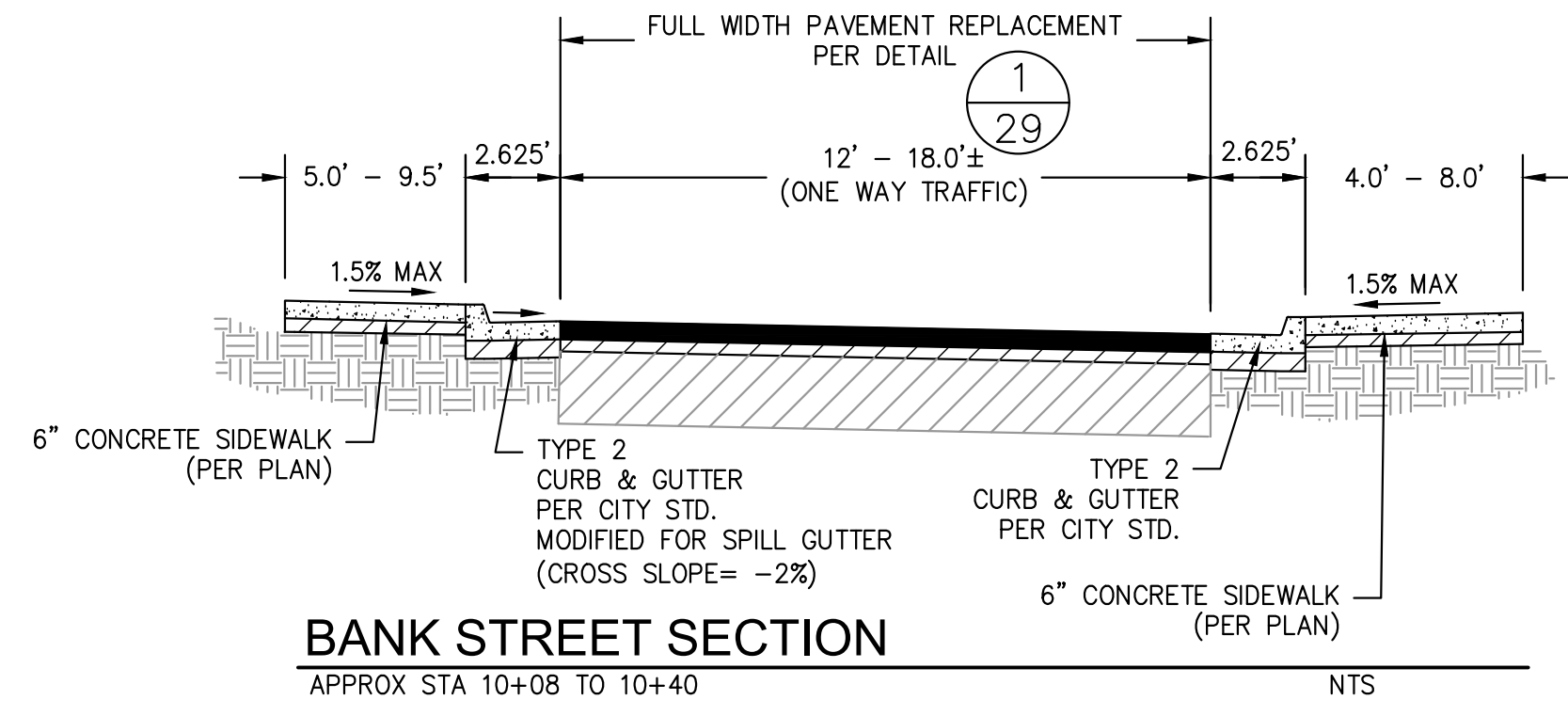
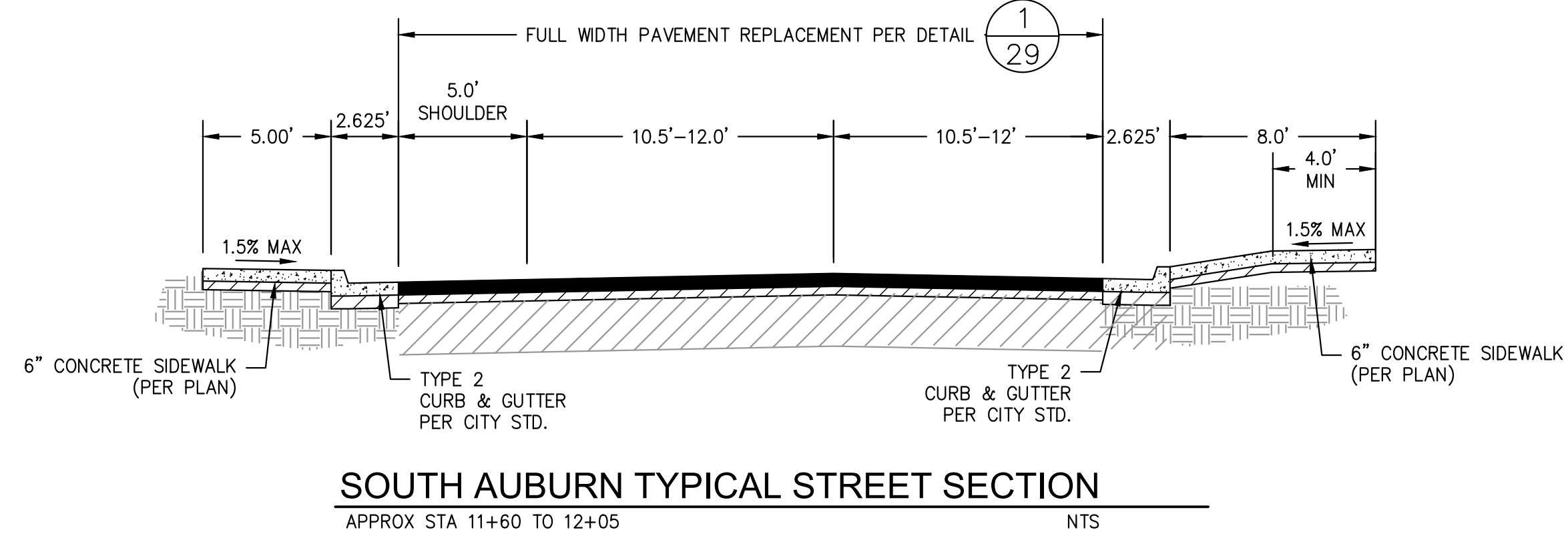
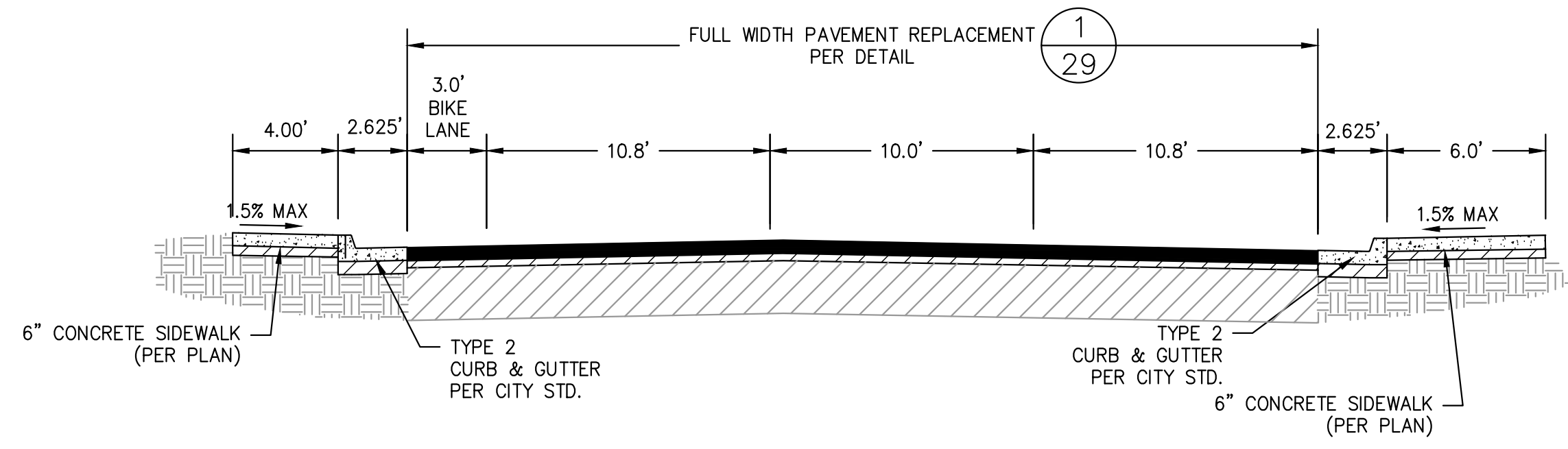
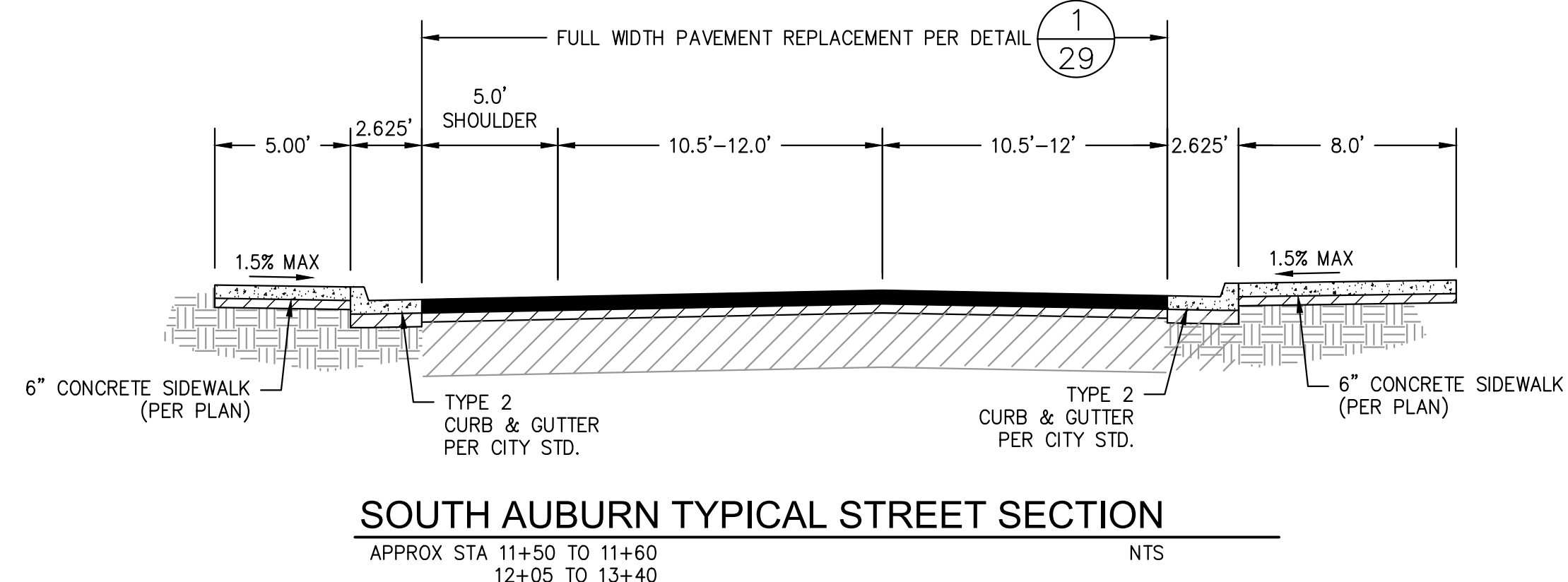
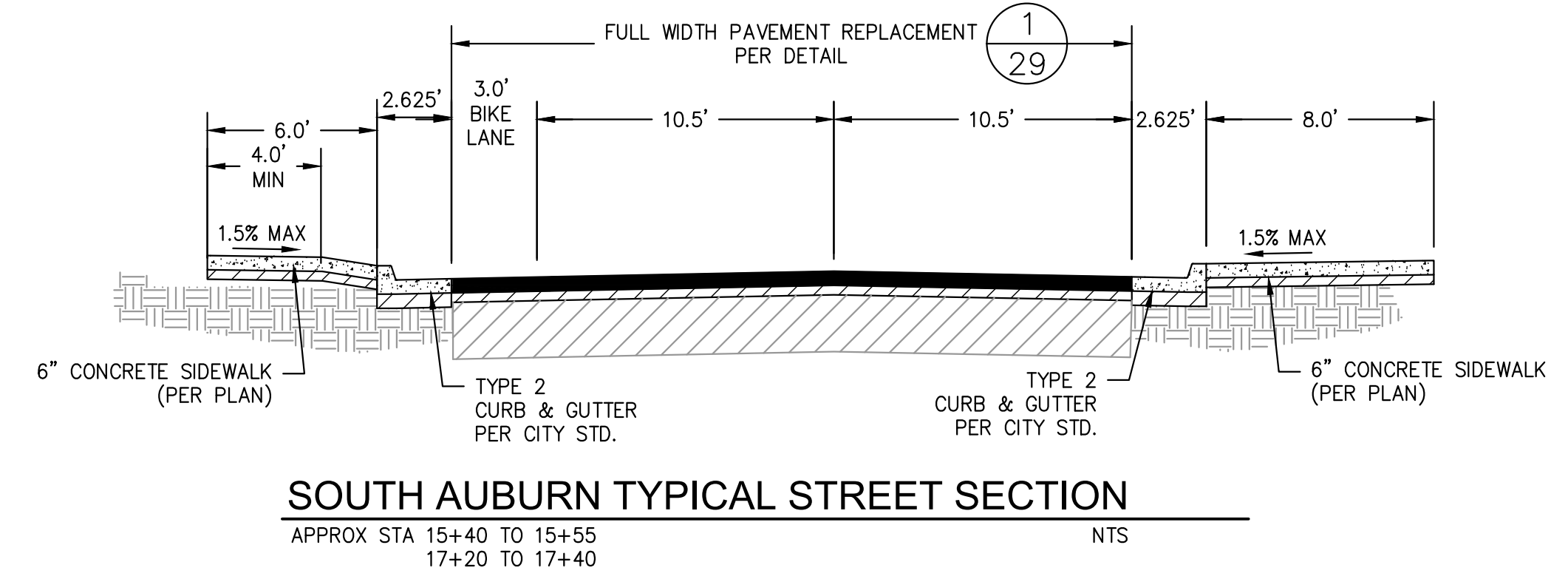
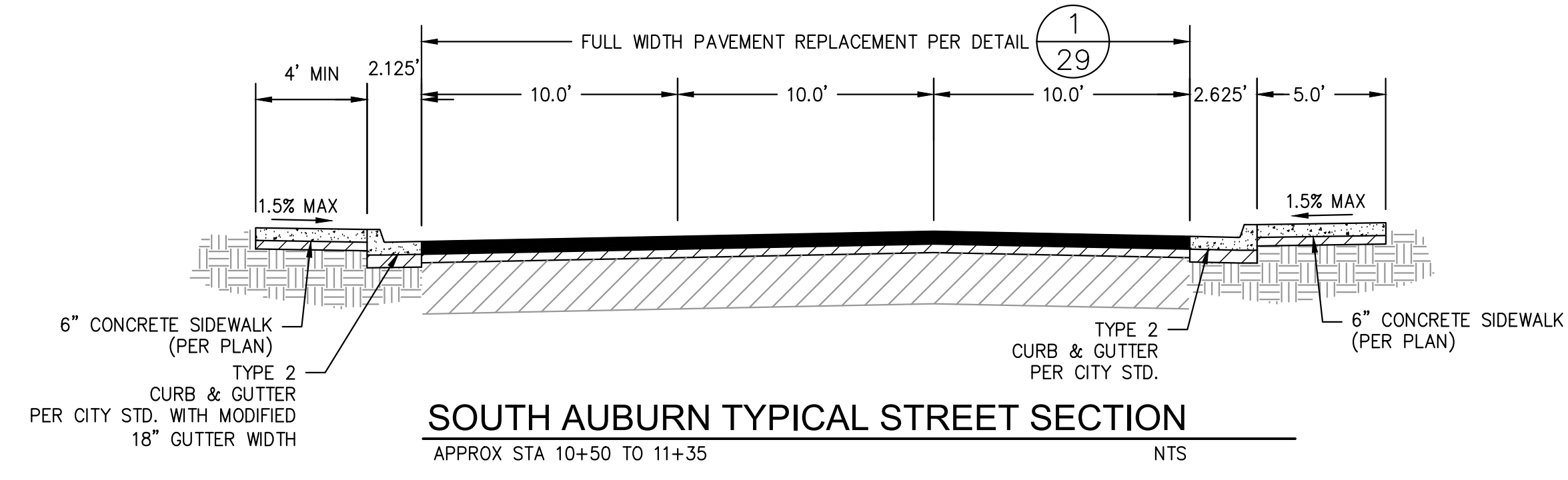
CALIFORNIA
SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
GRASS VALLEY
**LIP OF GUTTER
ALIGNMENT LAYOUT**

PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
SHEET NUMBER
4 OF 29

BID SET
DATE: NOVEMBER 2024

Path: X:\Engineering\CAD_Projects\565218_South Auburn Street\DWG\565218_Contra.dwg Layout Name: 4_Plot Date: Nov 20, 2024 at 09:01 am

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaliza
LAURIE M. LOALIZA, RCE 65951 DATE 11/20/2024
DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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CALIFORNIA
SOUTH AUBURN STREET PAVEMENT REPLACEMENT
GRASS VALLEY
TYPICAL SECTIONS

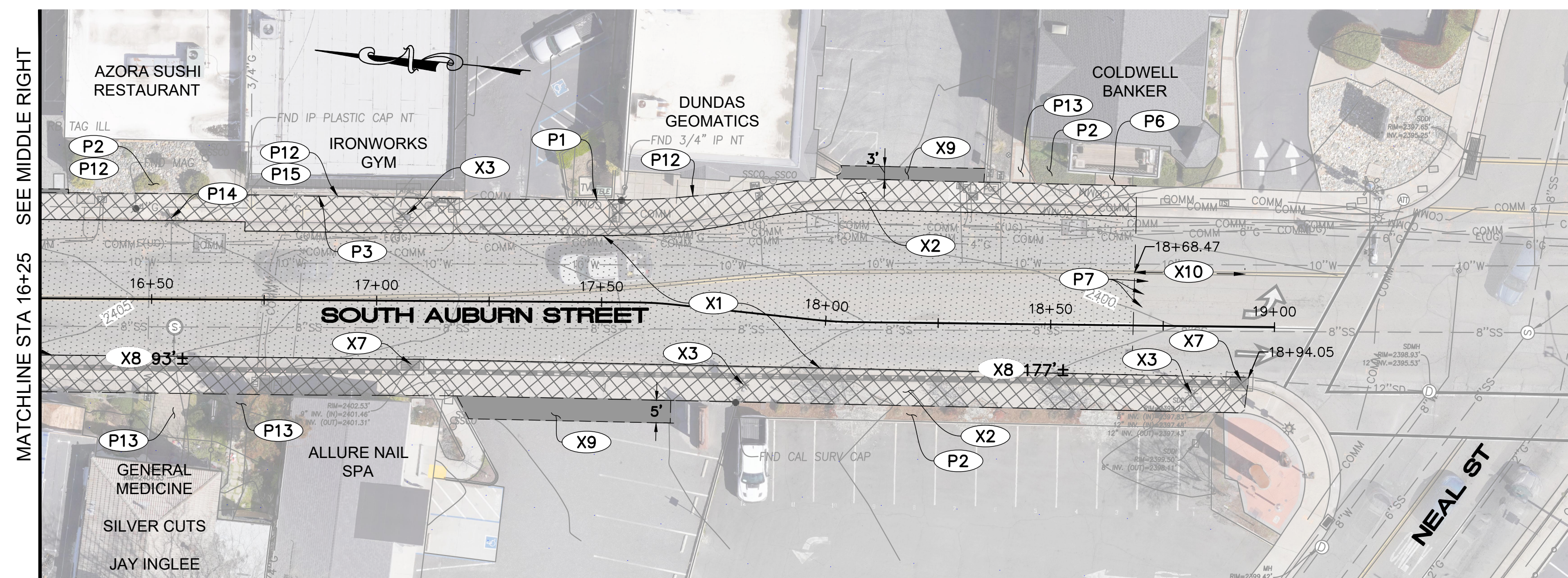
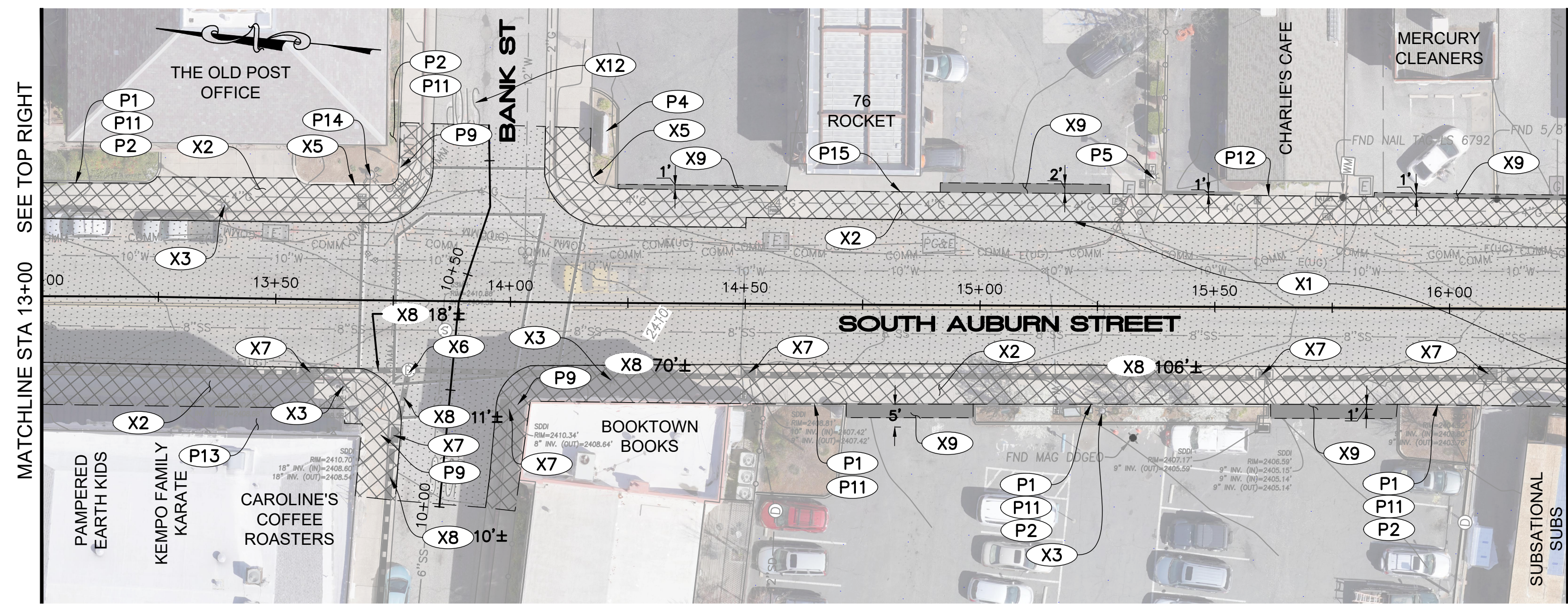
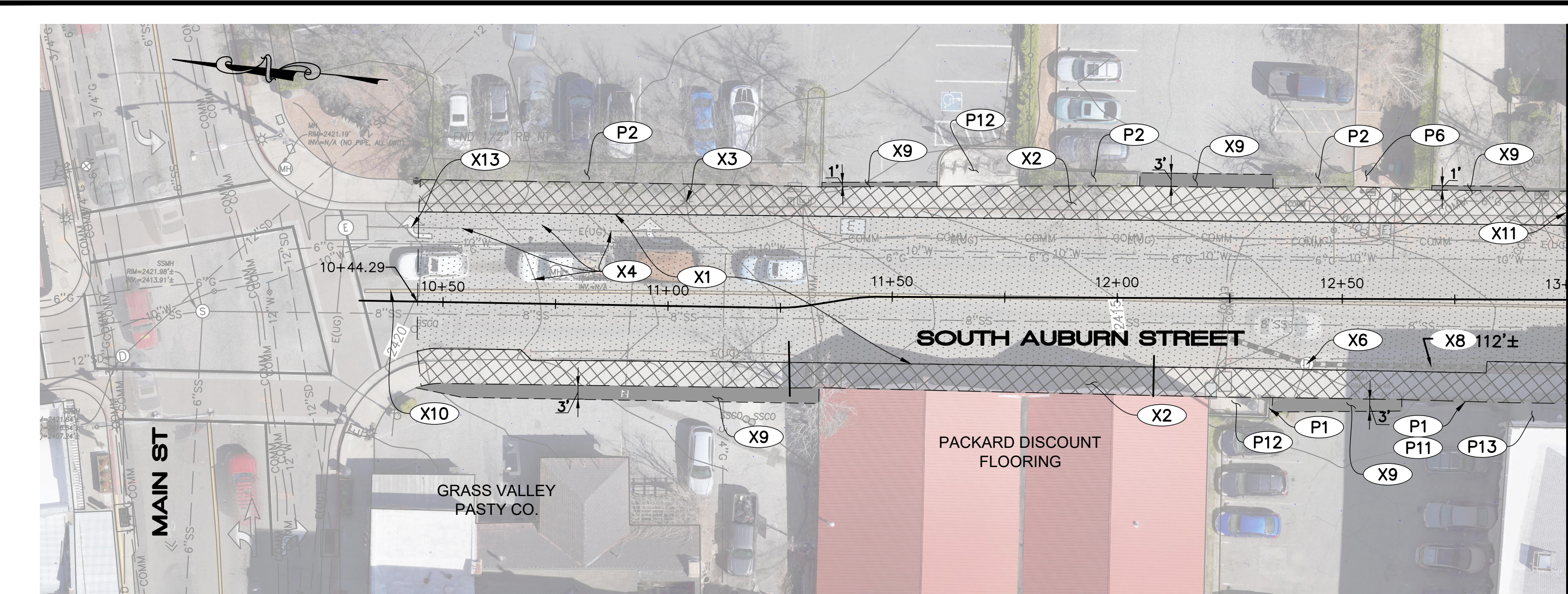
PROJECT NUMBER 565218
DRAWING DATE NOVEMBER 2024
SHEET NUMBER 5 OF 29


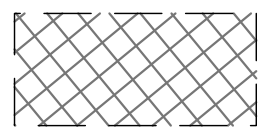

BID SET
DATE: NOVEMBER 2024

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FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

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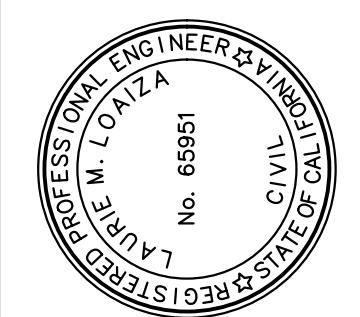
-  REMOVAL PER NOTE X1
-  REMOVAL PER NOTE X2
-  REMOVAL PER NOTE X9

CONSTRUCTION NOTES:

- X1 SAWCUT AND REMOVE PAVEMENT SECTION INCLUDING 6" AC OVER 6" CONCRETE PAVEMENT. REMOVE EXISTING BASE ONLY WHERE NEEDED TO ACHIEVE DESIRED SUBGRADE ELEVATION. FOR EXISTING AND PROPOSED PAVEMENT SECTION, SEE DETAIL 1/29
- X2 REMOVE EXISTING CONCRETE SIDEWALK, CURB, AND GUTTER.
- X3 REMOVE EXISTING STREET LIGHT.
- X4 REMOVE EXISTING SIGNAL DETECTOR LOOPS.
- X5 REMOVE EXISTING RETAINING CURB.
- X6 REMOVE EXISTING STORM DRAIN MANHOLE.
- X7 REMOVE EXISTING DRAINAGE INLET.
- X8 REMOVE EXISTING STORM DRAIN PIPE.
- X9 SAWCUT AND REMOVE PORTION OF EXISTING DRIVEWAY.
- X10 REMOVE EXISTING CENTERLINE STRIPE. PAVEMENT TO REMAIN.
- X11 REMOVE EXISTING SIGN.
- X12 REMOVE EXISTING STOP MARKING. PAVEMENT TO REMAIN.
- X13 REMOVE EXISTING ARROW MARKING. PAVEMENT TO REMAIN.
- P1 PROTECT EXISTING CURB IN PLACE.
- P2 PROTECT EXISTING LANDSCAPING AND IRRIGATION.
- P3 PROTECT EXISTING METAL RAILING.
- P4 PROTECT EXISTING SIGN IN PLACE.
- P5 PROTECT EXISTING STREET LIGHT IN PLACE.
- P6 PROTECT EXISTING BRICK SIDEWALK IN PLACE.
- P7 PROTECT EXISTING SIGNAL LOOPS IN PLACE.
- P9 RELOCATE EXISTING STOP SIGN AND DO NOT ENTER SIGN TO NEW BACK OF CURB.
- P11 PROTECT EXISTING IMPROVEMENTS BEHIND CURB.
- P12 PROTECT EXISTING IMPROVEMENTS BEHIND SIDEWALK.
- P13 PROTECT EXISTING SIDEWALK IN PLACE.
- P14 PROTECT EXISTING HYDRANT IN PLACE.
- P15 PROTECT EXITING CONCRETE AT BACK OF WALK.

NOTES:

1. PROTECT ALL EXISTING UTILITIES AND UTILITY STRUCTURES IN PLACE.
2. PROTECT EXISTING BUILDINGS, DRIVEWAYS, SURVEY MONUMENTS, RETAINING CURBS, TREES, LANDSCAPING, AND ALL OTHER EXISTING IMPROVEMENTS IN PLACE UNLESS SPECIFICALLY CALLED FOR REMOVAL.
3. ALL EXISTING UTILITY FRAMES, BOXES, COVERS, AND LIDS SHALL BE ADJUSTED TO GRADE.



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOAIZA
 11/20/2024
 LAURIE M. LOAIZA, RCE 65951 DATE
 DESIGNED BY ERG
 DRAWN BY ERG
 REVIEWED BY DHS/LML

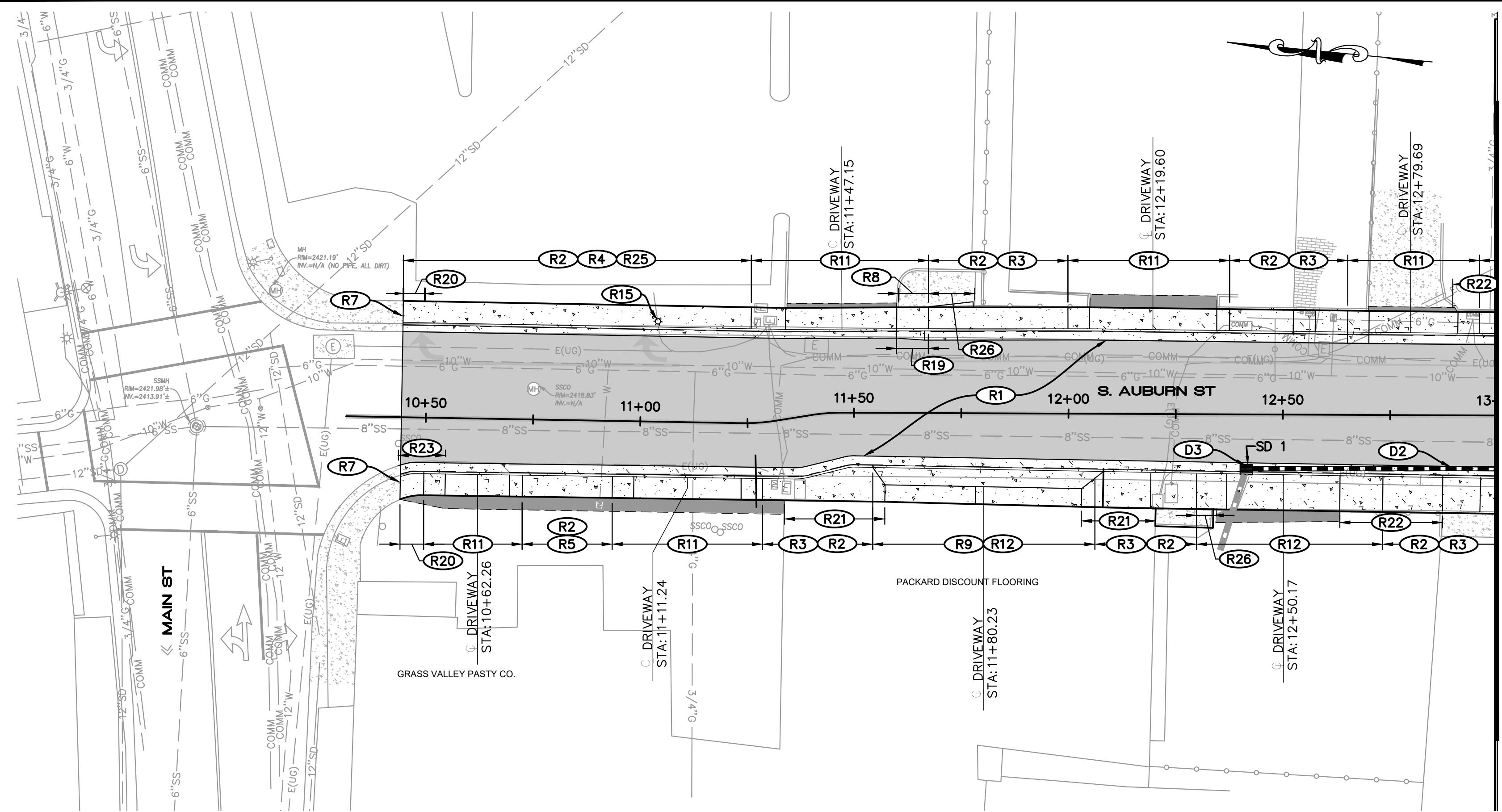
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SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT

GRASS VALLEY
 CALIFORNIA
DEMOLITION AND PROTECTION PLAN
 PROJECT NUMBER 565218
 DRAWING DATE NOVEMBER 2024
 SHEET NUMBER 6 OF 29

BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



MATCHLINE STA 13+00 SEE SHEET 8

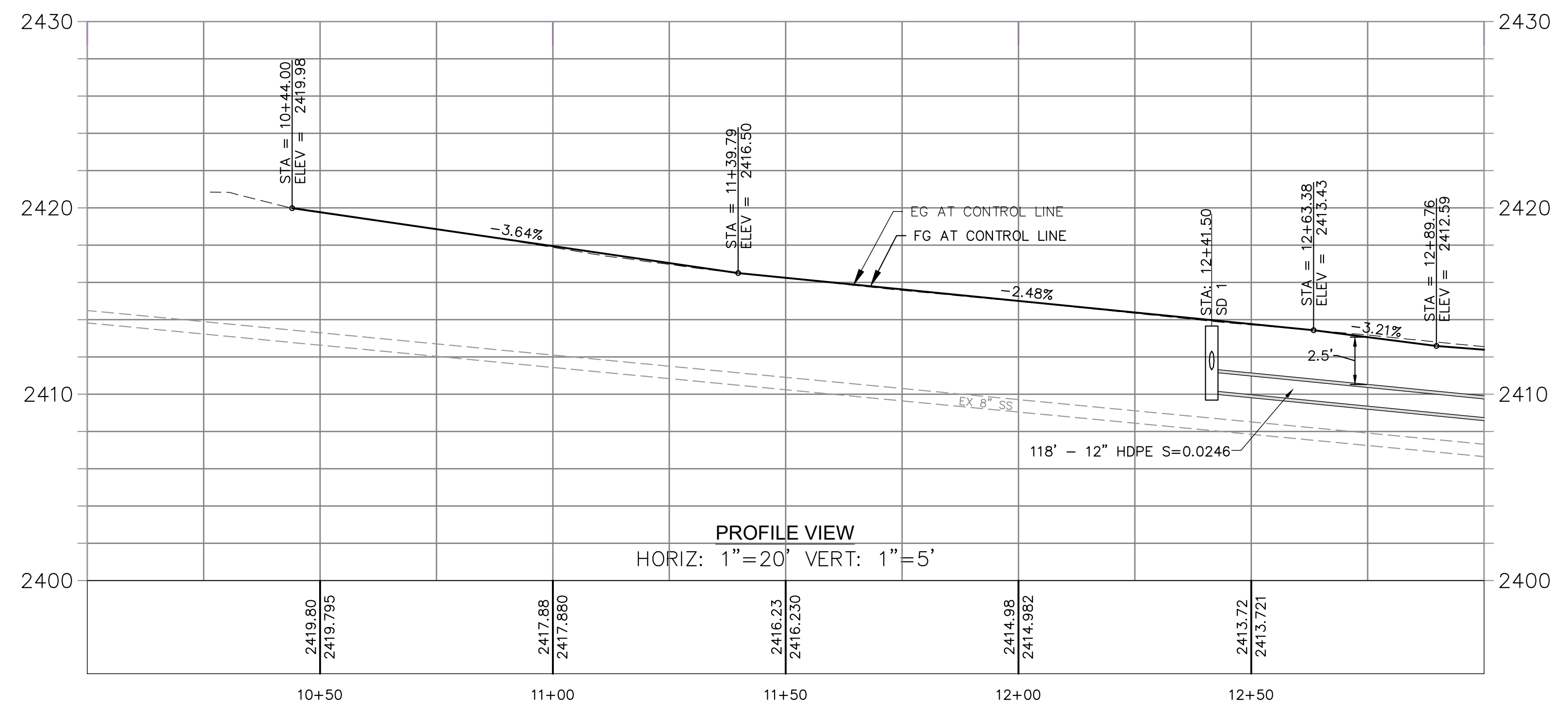
CONSTRUCTION NOTES:

- (R1) RECONSTRUCT ROADWAY PER TYPICAL SECTIONS AND DETAIL 1/29
- (R2) INSTALL NEW SIDEWALK PER CITY STANDARD DETAIL ST-3. SIDEWALK WIDTH SHALL BE PER SECTIONS AND DETAILED GRADING SHEETS.
- (R3) INSTALL STANDARD CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2).
- (R4) INSTALL MODIFIED CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2) WITH 18" GUTTER PAN WIDTH.
- (R5) INSTALL MODIFIED CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2) MODIFIED FOR 4" CURB HEIGHT.
- (R7) MATCH GRADES AT EXISTING SIDEWALK, CURB, AND GUTTER. DOWEL NEW SIDEWALK, CURB, AND GUTTER TO EXISTING SIDEWALK, CURB, AND GUTTER PER DETAIL 4/29
- (R8) MATCH GRADES AT EXISTING CONCRETE.
- (R9) MATCH GRADES AT BACK OF WALK.
- (R11) INSTALL CONCRETE DRIVEWAY PER CITY STD DETAIL ST-9 AND GRADING DETAILS ON SHEETS 19 - 26. LIP HEIGHT AT DRIVEWAY SHALL BE MODIFIED PER GRADING DETAIL SHEETS. AC DRIVEWAY CONFORM PER DETAIL 8/29
- (R12) DRIVEWAY PER DETAIL SEE DETAILED GRADING SHEETS. 5/29
- (R15) INSTALL NEW STREET LIGHT PER CITY STANDARD DETAIL SG-1.
- (R19) TRANSITION FROM 18" GUTTER PAN TO STANDARD 24" GUTTER PAN PER DETAIL 3/29
- (R20) 5-FOOT ADA TRANSITION AREA.
- (R21) POUR NEW SIDEWALK AGAINST EXISTING WALL.
- (R22) POUR NEW SIDEWALK AGAINST EXISTING CURB AT BACK OF WALK.
- (R23) INSTALL MODIFIED CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2) TRANSITIONING FROM 6" TO 2" CURB HEIGHT.
- (R25) ADJUST GRADES IN LANDSCAPE AREA TO ACCOMMODATE NEW BACK OF WALK ELEVATION.
- (R26) GRIND DOWN EXISTING CONCRETE BEHIND NEW SIDEWALK TO PROVIDE SMOOTH TRANSITION TO NEW GRADE.
- (D2) INSTALL HDPE STORM DRAIN PIPE. DIAMETER AND LENGTH PER PROFILE. PIPE INVERTS PER TABLE.
- (D3) INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. EXTEND EXISTING SD PIPE TO CONNECT TO NEW STRUCTURE. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.

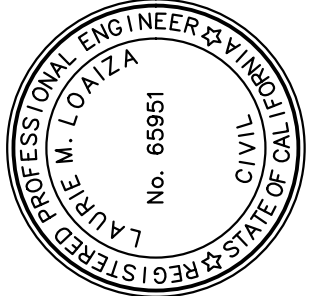
NOTES:

1. PROTECT ALL EXISTING UTILITIES AND UTILITY STRUCTURES IN PLACE. ADJUST FRAMES, RIMS, LIDS, AND COVERS TO NEW GRADE (SEE SHEET 27).
2. PROTECT EXISTING BUILDINGS, DRIVEWAYS, RETAINING CURBS, ETC. IN PLACE UNLESS OTHERWISE NOTED TO BE REPLACED.
3. SEE SHEET 27 FOR SIGNAGE AND STRIPING PLAN.
4. SEE SHEETS 19 - 26 FOR DETAILED GRADING.

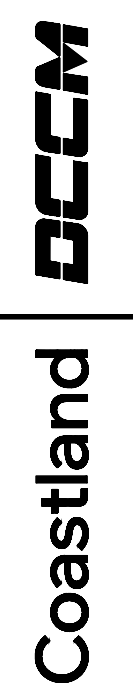
STORM DRAIN STRUCTURE RIM AND INVERT ELEVATIONS			
STRUCTURE ID	GRATE	INVERT IN	INVERT OUT
SD 1	2413.66	2411.31± (W)(EX)	2410.18 (S)



PROFILE VIEW
HORIZ: 1"=20' VERT: 1"=5'



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOAIZA
 11/20/2024
 LAURIE M. LOAIZA, RCE 65951 DATE
 DESIGNED BY: ERG
 DRAWN BY: ERG
 REVIEWED BY: DHS/LML



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SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 CALIFORNIA
 GRASS VALLEY

**S. AUBURN PLAN AND PROFILE
 STA 10+00 TO STA 13+00**

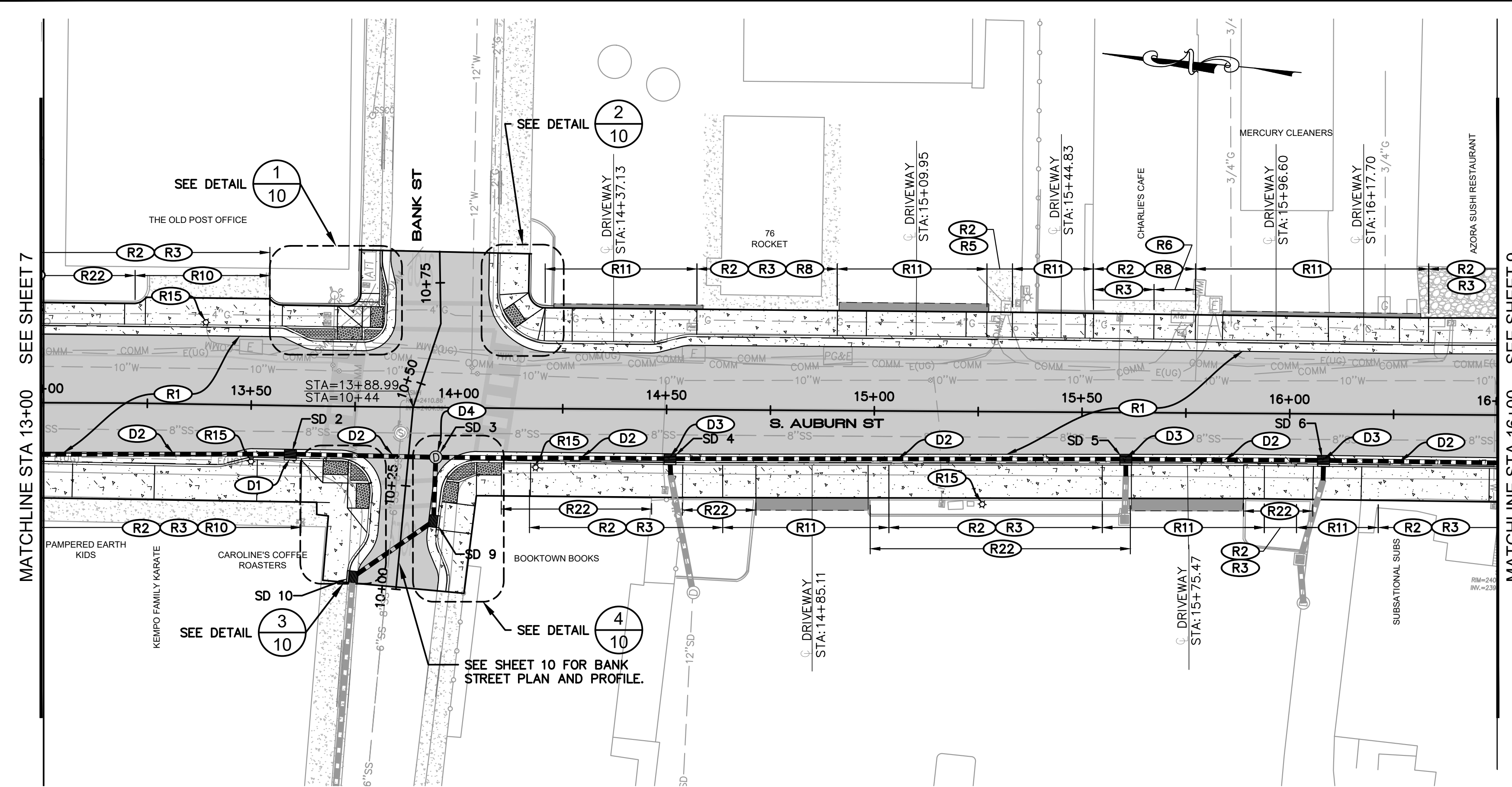
PROJECT NUMBER
565218

DRAWING DATE
NOVEMBER 2024

SHEET NUMBER
7 OF 29

BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



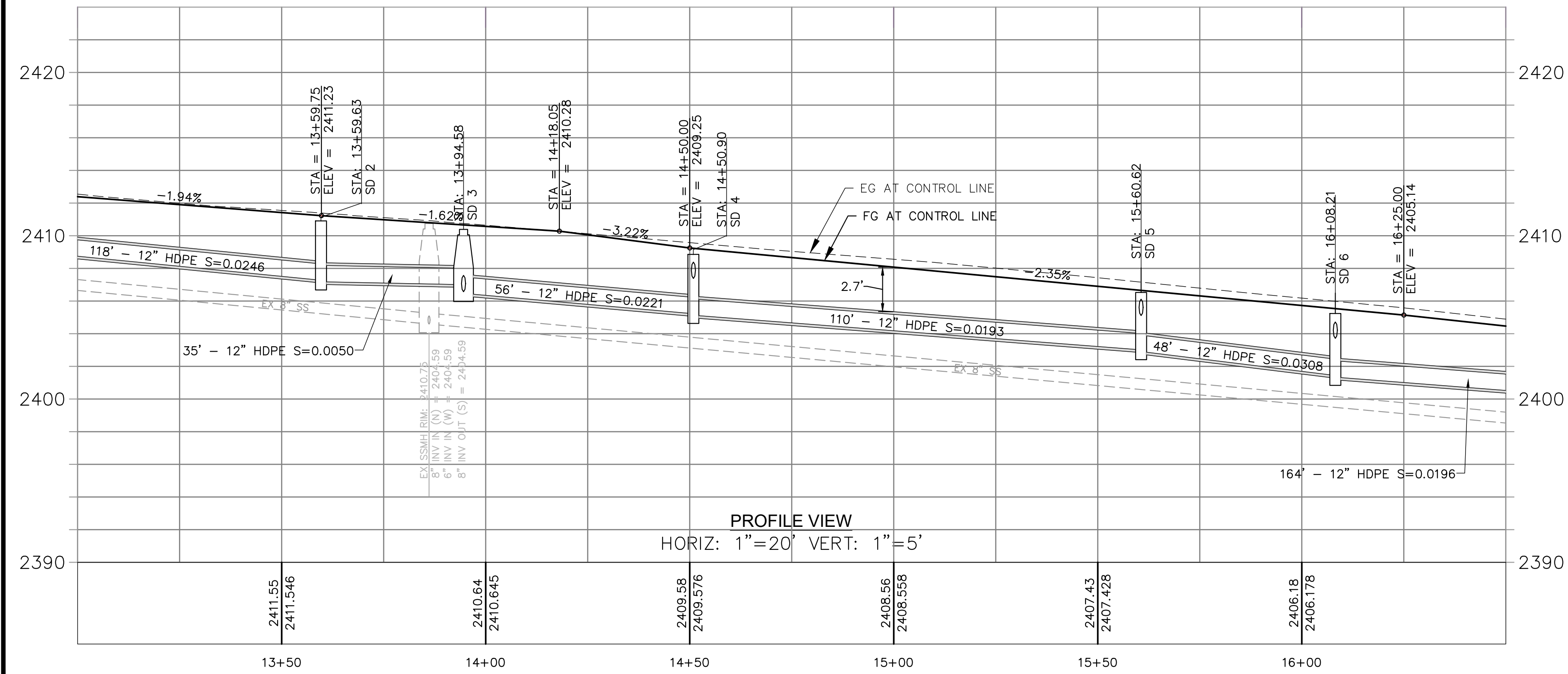
CONSTRUCTION NOTES:

- (R1) RECONSTRUCT ROADWAY PER TYPICAL SECTIONS AND DETAIL 1/29
- (R2) INSTALL NEW SIDEWALK PER CITY STANDARD DETAIL ST-3. SIDEWALK WIDTH SHALL BE PER SECTIONS AND DETAILED GRADING SHEETS.
- (R3) INSTALL STANDARD CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2).
- (R5) INSTALL MODIFIED CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2) MODIFIED FOR 4" CURB HEIGHT.
- (R6) INSTALL MODIFIED CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2) TRANSITIONING FROM 6" TO 1.5" CURB HEIGHT.
- (R8) MATCH GRADES AT EXISTING CONCRETE.
- (R10) MATCH GRADES AT EXISTING SIDEWALK.
- (R11) INSTALL CONCRETE DRIVEWAY PER CITY STD DETAIL ST-9 AND GRADING DETAILS ON SHEETS 19 - 26. LIP HEIGHT AT DRIVEWAY SHALL BE MODIFIED PER GRADING DETAIL SHEETS. AC DRIVEWAY CONFORM PER DETAIL 8/29
- (R15) INSTALL NEW STREET LIGHT PER CITY STANDARD DETAIL SG-1.
- (R22) POUR NEW SIDEWALK AGAINST EXISTING CURB AT BACK OF WALK.
- (D1) INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.
- (D2) INSTALL HDPE STORM DRAIN PIPE. DIAMETER AND LENGTH PER PROFILE. PIPE INVERTS PER TABLE.
- (D3) INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. EXTEND EXISTING SD PIPE TO CONNECT TO NEW STRUCTURE. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.
- (D4) INSTALL STORM DRAIN MANHOLE PER CITY STANDARD DR-1 AND DR-3. RIM AND PIPE INVERT ELEVATIONS PER TABLE.

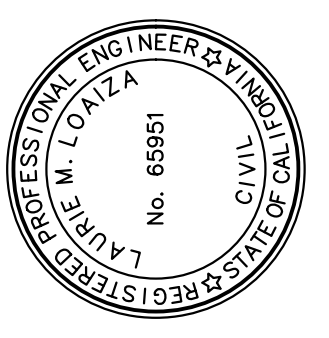
NOTES:

1. PROTECT ALL EXISTING UTILITIES AND UTILITY STRUCTURES IN PLACE. ADJUST FRAMES, RIMS, LIDS, AND COVERS TO NEW GRADE (SEE SHEET 27).
2. PROTECT EXISTING BUILDINGS, DRIVEWAYS, RETAINING CURBS, ETC. IN PLACE UNLESS OTHERWISE NOTED TO BE REPLACED.
3. SEE SHEET 27 FOR SIGNAGE AND STRIPING PLAN.
4. SEE SHEETS 19 - 26 FOR DETAILED GRADING.

STORM DRAIN STRUCTURE RIM AND INVERT ELEVATIONS				
STRUCTURE ID	GRATE	INVERT IN	INVERT IN	INVERT OUT
SD 2	2410.91	2407.28 (N)		2407.18 (S)
SD 3 (SDMH)	2410.39	2406.57 (W)	2407.00 (N)	2406.47 (S)
SD 4	2408.86	2405.23 (N)	2407.38± (W)(EX)	2405.13 (S)
SD 5	2406.52	2403.01 (N)	2405.11± (W)(EX)	2402.91 (S)
SD 6	2405.24	2401.44 (N)	2403.72± (W)(EX)	2401.34 (S)



PROFILE VIEW
HORIZ: 1"=20' VERT: 1"=5'



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOAIZA
 11/20/2024
 LAURIE M. LOAIZA, RCE 65951 DATE
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CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
S. AUBURN PLAN AND PROFILE
STA 13+00 TO STA 16+00

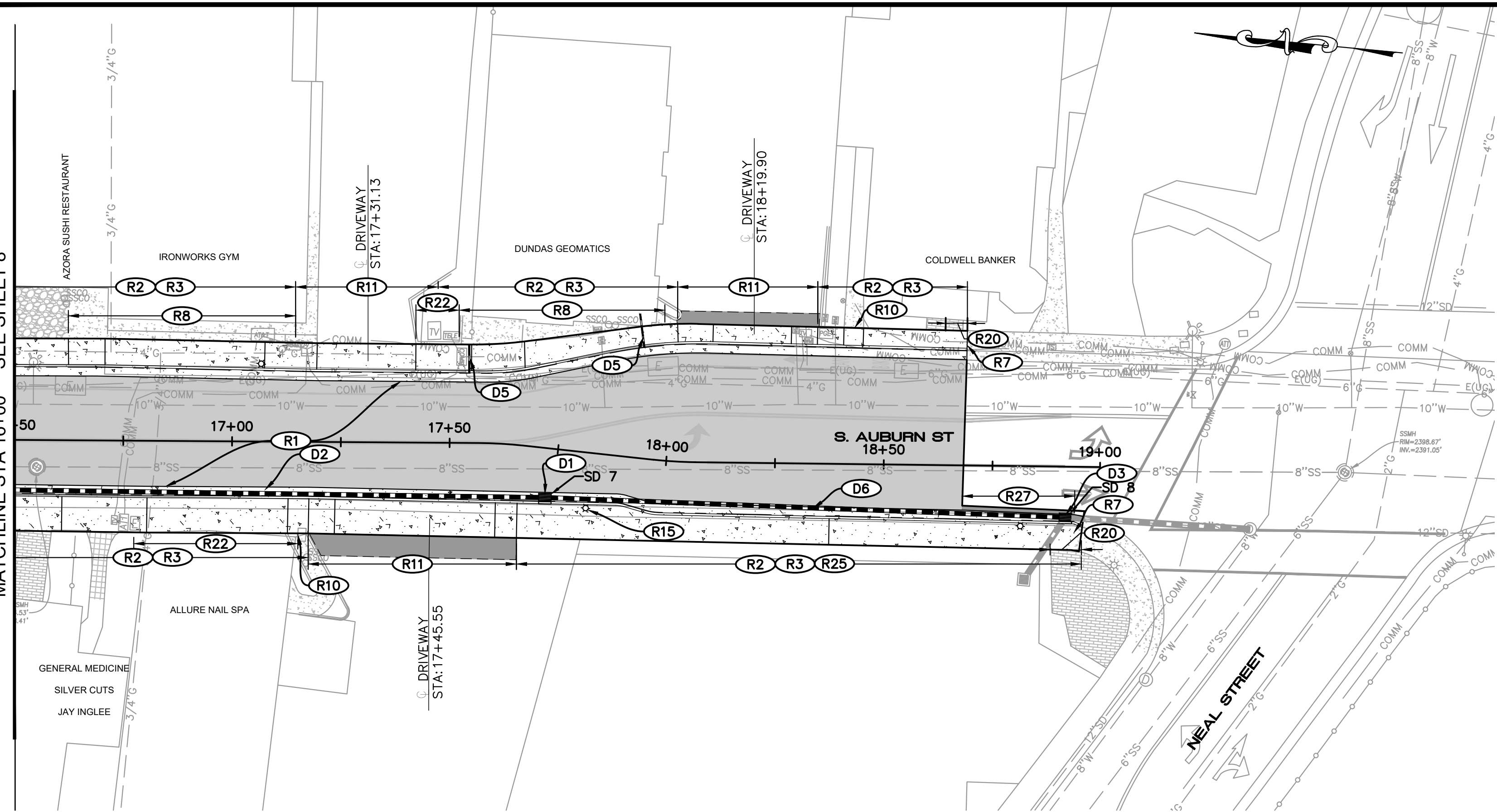
PROJECT NUMBER
565218
 DRAWING DATE
NOVEMBER 2024
 SHEET NUMBER
8 OF 29

BID SET
 DATE: NOVEMBER 2024

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FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

MATCHLINE STA 16+00 SEE SHEET 8



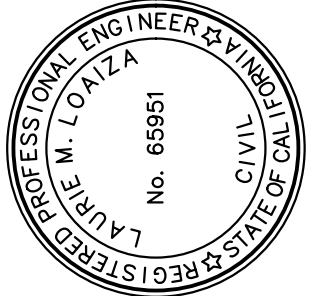
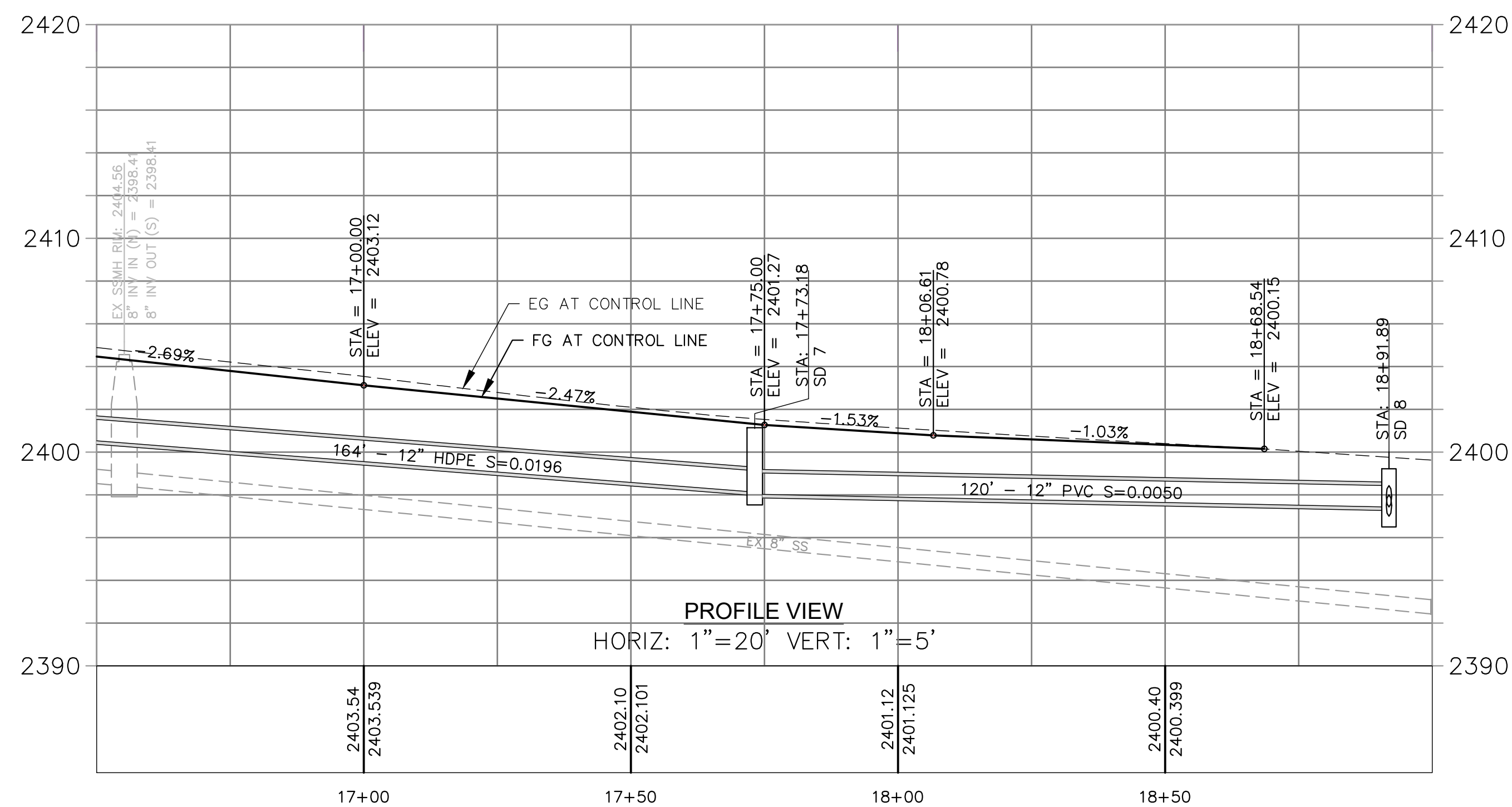
CONSTRUCTION NOTES:

- R1 RECONSTRUCT ROADWAY PER TYPICAL SECTIONS AND DETAIL
- R2 INSTALL NEW SIDEWALK PER CITY STANDARD DETAIL ST-3. SIDEWALK WIDTH SHALL BE PER SECTIONS AND DETAILED GRADING SHEETS.
- R3 INSTALL STANDARD CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2).
- R7 MATCH GRADES AT EXISTING SIDEWALK, CURB, AND GUTTER. DOWEL NEW SIDEWALK, CURB, AND GUTTER TO EXISTING SIDEWALK, CURB, AND GUTTER PER DETAIL
- R8 MATCH GRADES AT EXISTING CONCRETE.
- R10 MATCH GRADES AT EXISTING SIDEWALK.
- R11 INSTALL CONCRETE DRIVEWAY PER CITY STD DETAIL ST-9 AND GRADING DETAILS ON SHEETS 19 - 26. LIP HEIGHT AT DRIVEWAY SHALL BE MODIFIED PER GRADING DETAIL SHEETS. AC DRIVEWAY CONFORM PER DETAIL
- R15 INSTALL NEW STREET LIGHT PER CITY STANDARD DETAIL SG-1.
- R20 5-FOOT ADA TRANSITION AREA.
- R22 POUR NEW SIDEWALK AGAINST EXISTING CURB AT BACK OF WALK.
- R25 ADJUST GRADES IN LANDSCAPE AREA TO ACCOMMODATE NEW BACK OF WALK ELEVATION.
- R27 INSTALL 12" WIDE, 6" DEEP AC PLUG PER DETAIL
- D1 INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.
- D2 INSTALL HDPE STORM DRAIN PIPE. DIAMETER AND LENGTH PER PROFILE. PIPE INVERTS PER TABLE.
- D3 INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. EXTEND EXISTING SD PIPE TO CONNECT TO NEW STRUCTURE. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.
- D5 REPLACE EXISTING SIDEWALK DRAIN PER DETAIL
- D6 INSTALL PVC STORM DRAIN PIPE PER DETAIL DIAMETER AND LENGTH PER PROFILE. PIPE INVERTS PER TABLE.

NOTES:

1. PROTECT ALL EXISTING UTILITIES AND UTILITY STRUCTURES IN PLACE. ADJUST FRAMES, RIMS, LIDS, AND COVERS TO NEW GRADE (SEE SHEET 27).
2. PROTECT EXISTING BUILDINGS, DRIVEWAYS, RETAINING CURBS, ETC. IN PLACE UNLESS OTHERWISE NOTED TO BE REPLACED.
3. SEE SHEET 27 FOR SIGNAGE AND STRIPING PLAN.
4. SEE SHEETS 19 - 26 FOR DETAILED GRADING.

STORM DRAIN STRUCTURE RIM AND INVERT ELEVATIONS				
STRUCTURE ID	GRATE	INVERT IN	INVERT IN	INVERT OUT
SD 7	2401.14	2398.13 (N)		2398.03 (S)
SD 8	2399.22	2397.43 (N)	2397.00± (NW)(EX)	2397.43 (S)



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOAIZA
 11/20/2024
 LAURIE M. LOAIZA, RCE 65951 DATE
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 DRAWN BY: ERG
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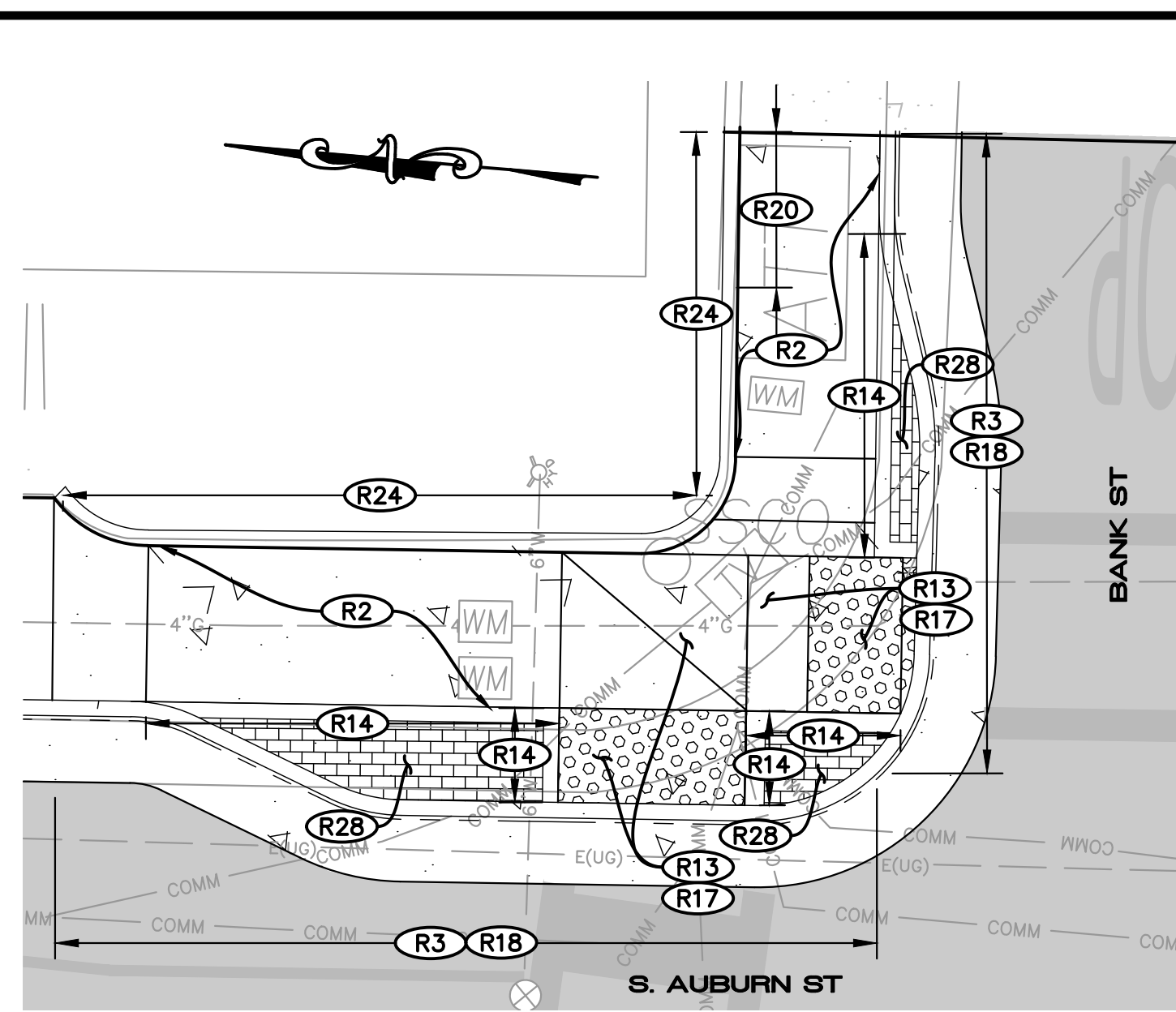
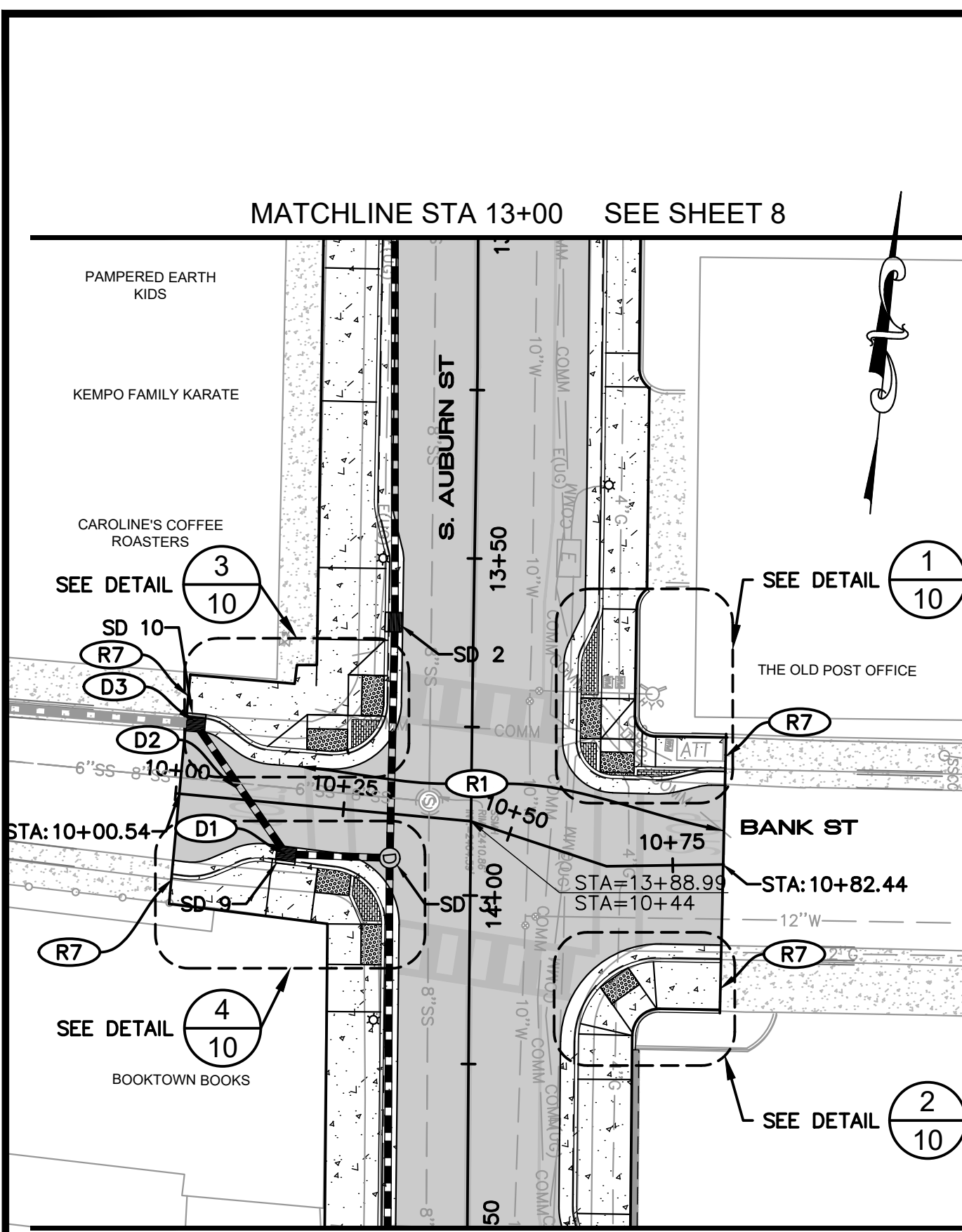
CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
S. AUBURN PLAN AND PROFILE
16+00 TO STA 18+69

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
9 OF **29**

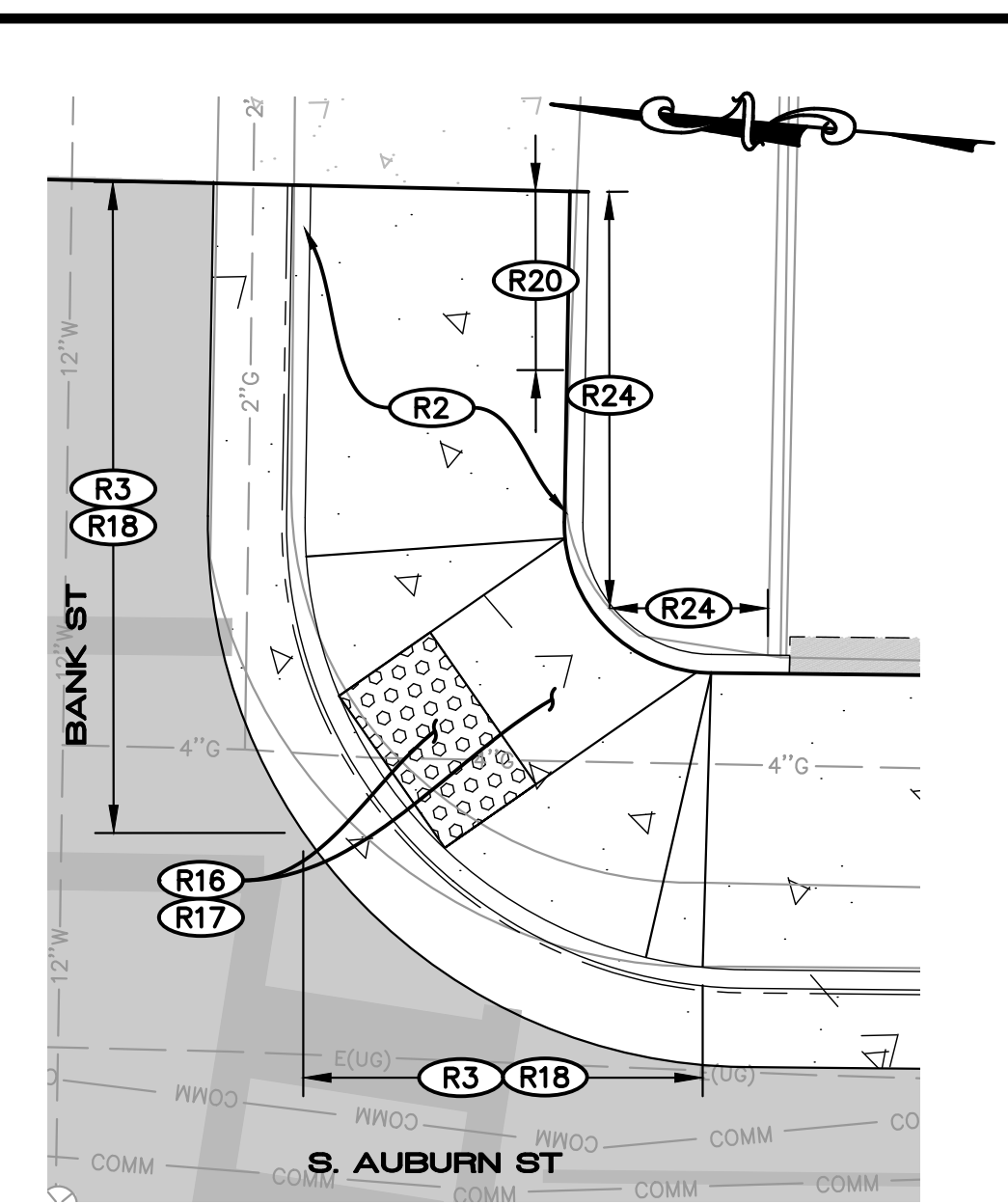
BID SET
 DATE: NOVEMBER 2024

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FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



NORTHEAST CORNER OF BANK ST AND S. AUBURN ST
1" = 5'
CONSTRUCTION NOTE DETAIL



SOUTHEAST CORNER OF BANK ST AND S. AUBURN ST
1" = 5'
CONSTRUCTION NOTE DETAIL

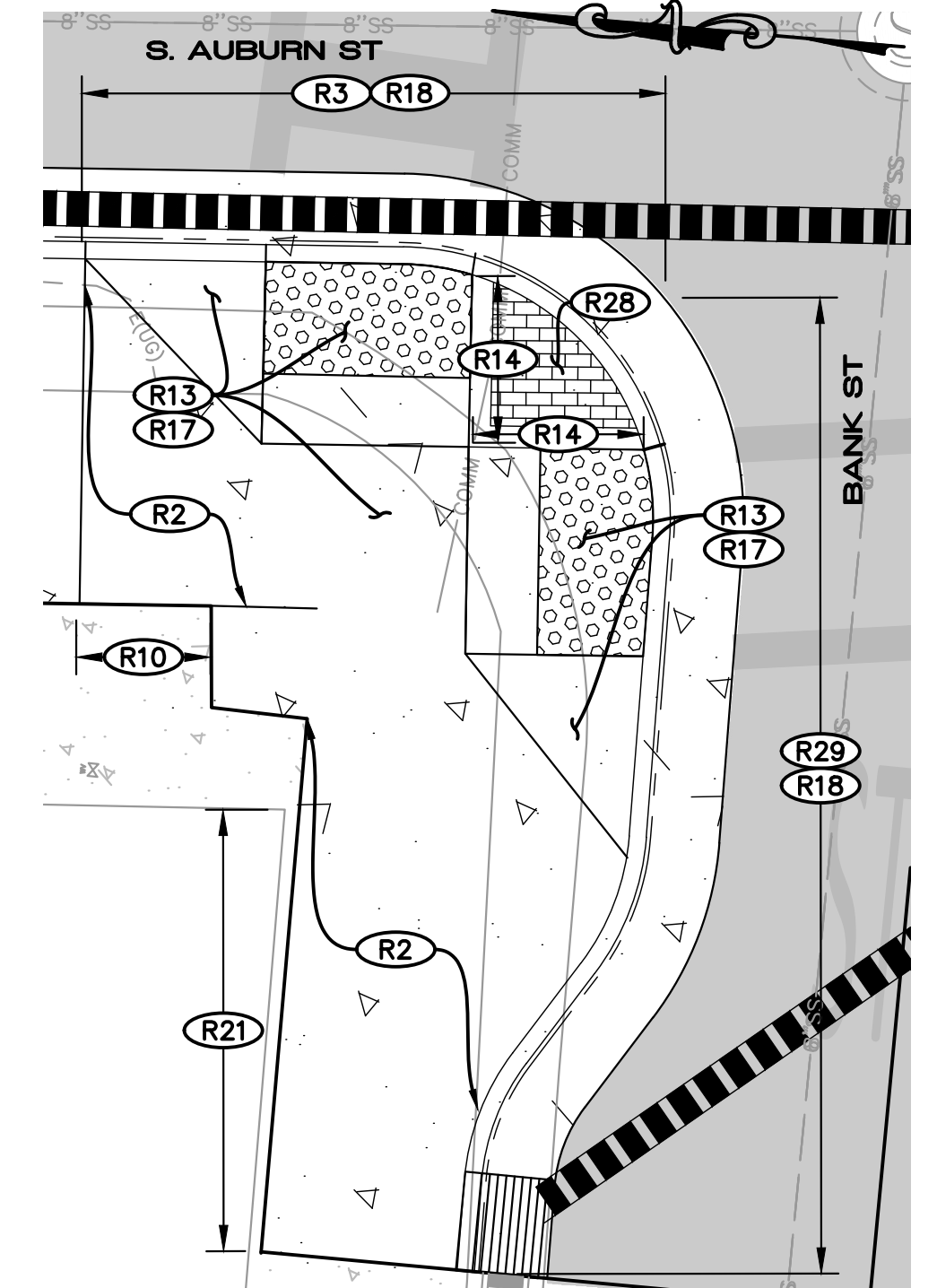
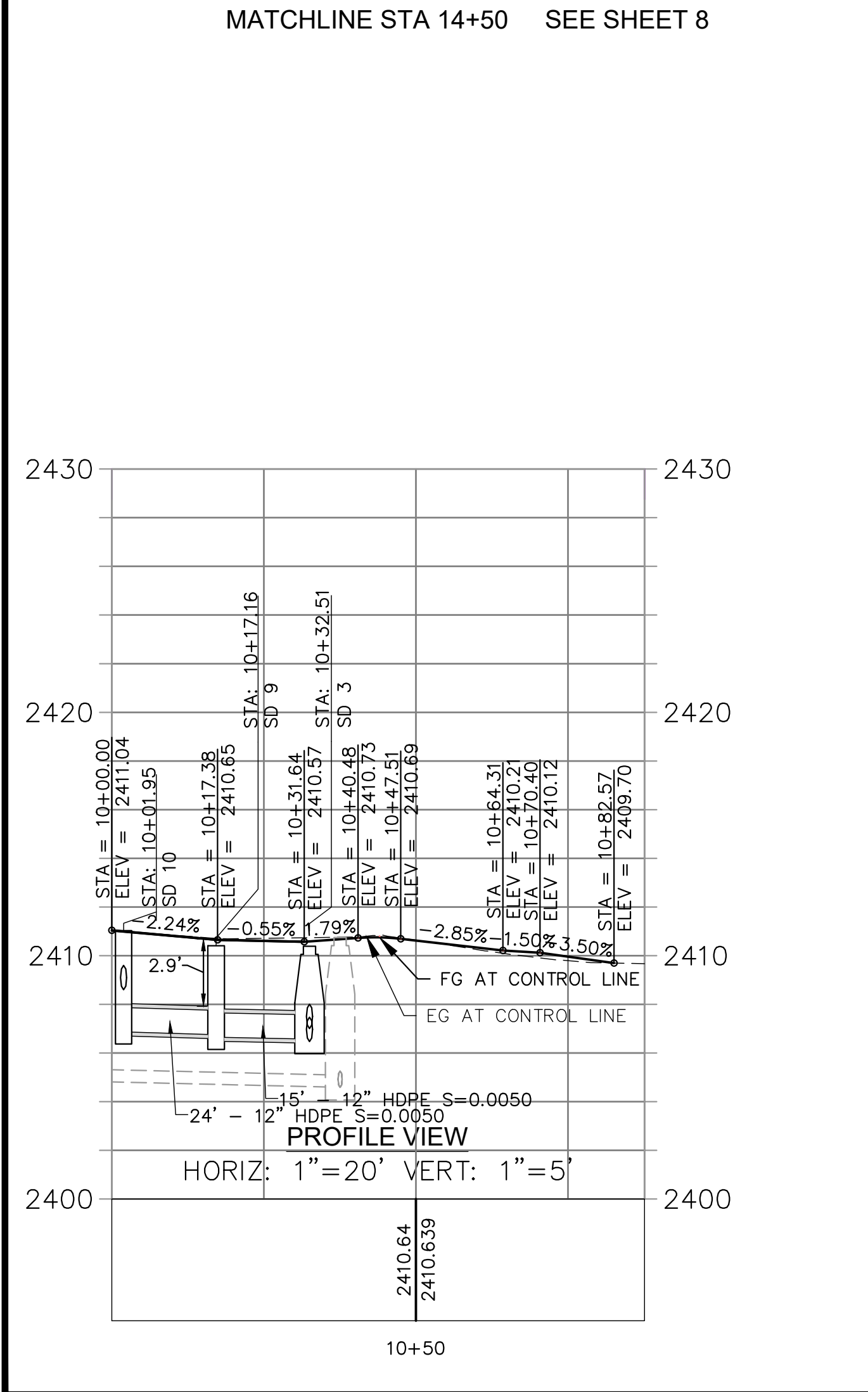
CONSTRUCTION NOTES:

- R1 RECONSTRUCT ROADWAY PER TYPICAL SECTIONS AND DETAIL
- R2 INSTALL NEW SIDEWALK PER CITY STANDARD DETAIL ST-3. SIDEWALK WIDTH SHALL BE PER SECTIONS AND DETAILED GRADING SHEETS.
- R3 INSTALL STANDARD CURB AND GUTTER PER CITY STANDARD DETAIL ST-3 (TYPE 2).
- R7 MATCH GRADES AT EXISTING SIDEWALK, CURB, AND GUTTER. DOWEL NEW SIDEWALK, CURB, AND GUTTER TO EXISTING SIDEWALK, CURB, AND GUTTER PER DETAIL
- R10 MATCH GRADES AT EXISTING SIDEWALK.
- R13 INSTALL CURB RAMP AND LANDING AREA(S) PER GRADING DETAIL SHEET 4.
- R14 INSTALL BARRIER CURB SIMILAR TO CITY STD DETAIL ST-7 TYPE 3.
- R16 INSTALL CASE C RAMP PER CALTRANS STANDARD PLAN A88A AND GRADING DETAIL SHEETS.
- R17 INSTALL DETECTABLE WARNING SURFACE.
- R18 SEE DETAILED GRADING SHEETS FOR CURB AND GUTTER MODIFICATIONS AT CURB RAMPS.
- R20 5-FOOT ADA TRANSITION AREA.
- R21 POUR NEW SIDEWALK AGAINST EXISTING WALL.
- R24 REPLACE EXISTING CURB AT BACK OF WALK WITH RETAINING CURB PER CITY STANDARD DETAIL ST-7. ADJUST GRADES IN LANDSCAPE AREA TO ACCOMMODATE NEW GRADES.
- R28 BRICK ACCENT AREA PER DETAIL
- R29 INSTALL MODIFIED CURB AND SPILL GUTTER. DIMENSIONS SHALL BE PER CITY STANDARD DETAIL ST-3 (TYPE 2) EXCEPT WHERE NOTED ON DETAILED GRADING SHEETS.
- D1 INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.
- D2 INSTALL HDPE STORM DRAIN PIPE. DIAMETER AND LENGTH PER PROFILE. PIPE INVERTS PER TABLE.
- D3 INSTALL TYPE G5 DRAINAGE INLET PER CALTRANS STANDARD DETAIL D72B. EXTEND EXISTING SD PIPE TO CONNECT TO NEW STRUCTURE. GRATE AND PIPE INVERT ELEVATIONS PER TABLE.

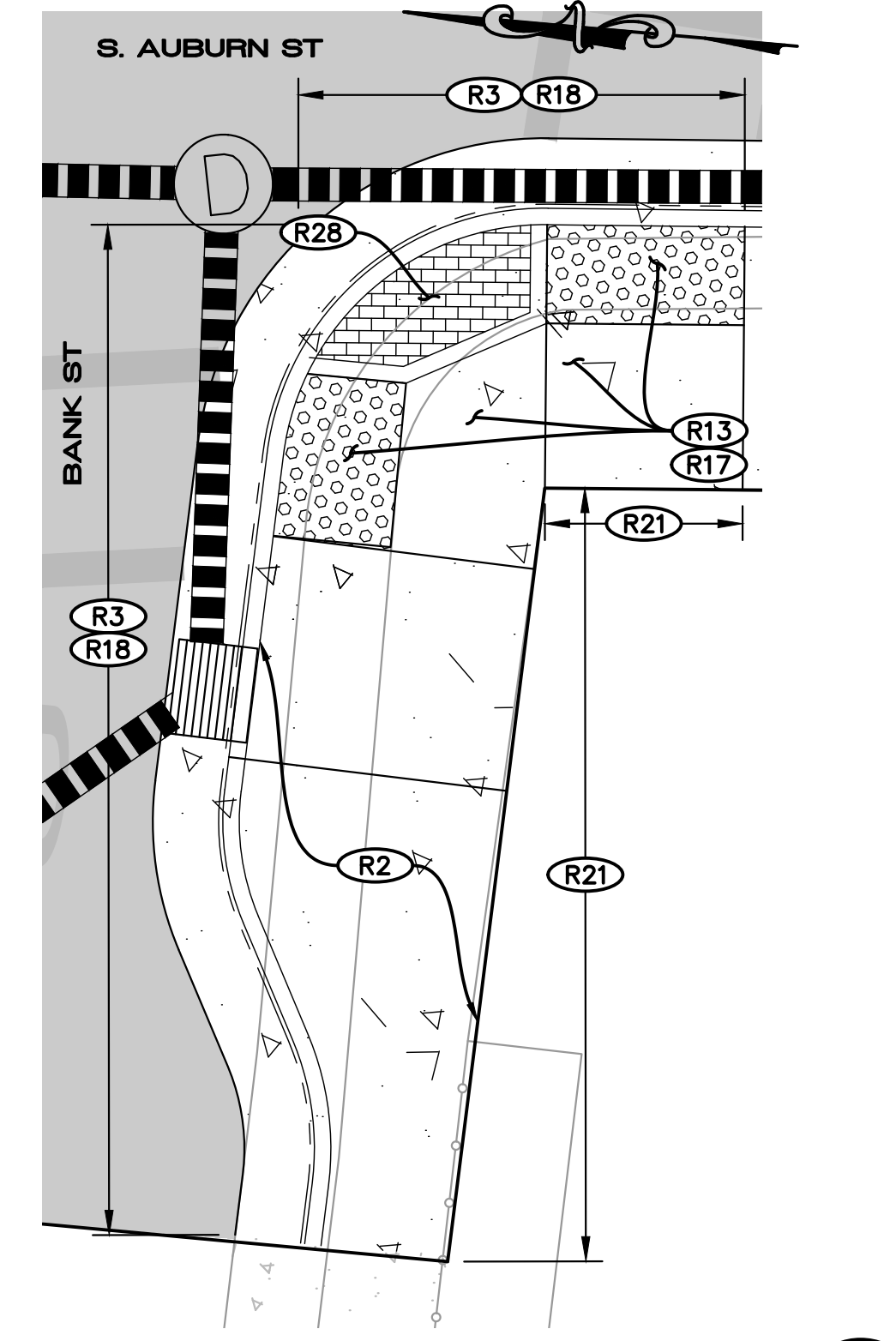
NOTES:

1. PROTECT ALL EXISTING UTILITIES AND UTILITY STRUCTURES IN PLACE. ADJUST FRAMES, RIMS, LIDS, AND COVERS TO NEW GRADE (SEE SHEET 27).
2. PROTECT EXISTING BUILDINGS, DRIVEWAYS, RETAINING CURBS, ETC. IN PLACE UNLESS OTHERWISE NOTED TO BE REPLACED.
3. SEE SHEET 27 FOR SIGNAGE AND STRIPING PLAN.
4. SEE SHEETS 19 - 26 FOR DETAILED GRADING.

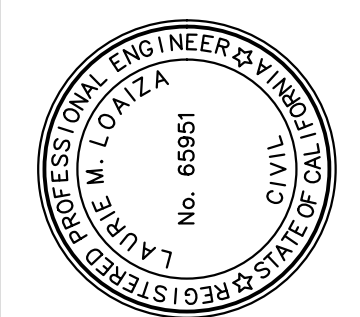
STORM DRAIN STRUCTURE RIM AND INVERT ELEVATIONS				
STRUCTURE ID	GRATE	INVERT IN	INVERT IN	INVERT OUT
SD 3 (SDMH)	2410.39	2406.57 (W)	2407.00 (N)	2406.47 (S)
SD 9	2410.41	2406.75 (NW)		2406.65 (E)
SD 10	2411.03	2408.60± (W)(EX)		2406.87 (SE)



NORTHWEST CORNER OF BANK ST AND S. AUBURN ST
1" = 5'
CONSTRUCTION NOTE DETAIL



SOUTHWEST CORNER OF BANK ST AND S. AUBURN ST
1" = 5'
CONSTRUCTION NOTE DETAIL



PREPARED UNDER THE DIRECTION OF
Laurie M. Loanza
LAURIE M. LOANZA, RCE 65951 DATE 11/20/2024
DESIGNED BY ERG
DRAWN BY ERG
REVIEWED BY DHS/LML

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CALIFORNIA
SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
GRASS VALLEY
BANK ST PLAN AND PROFILE
STA 10+00 TO 11+24

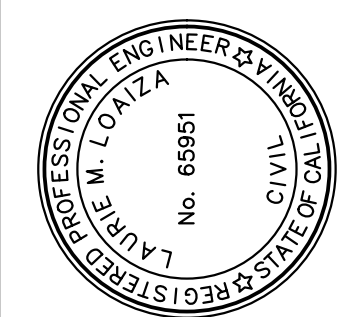
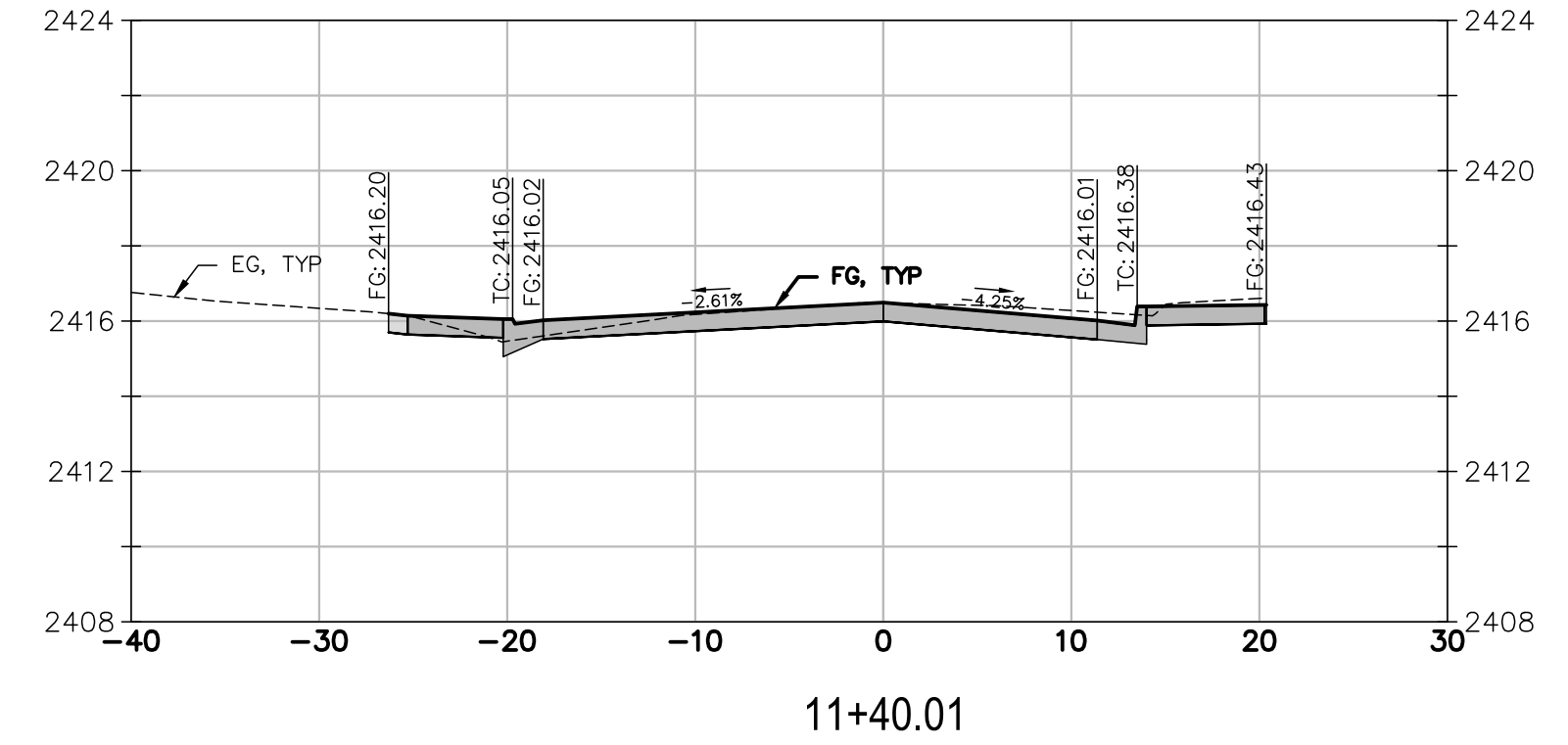
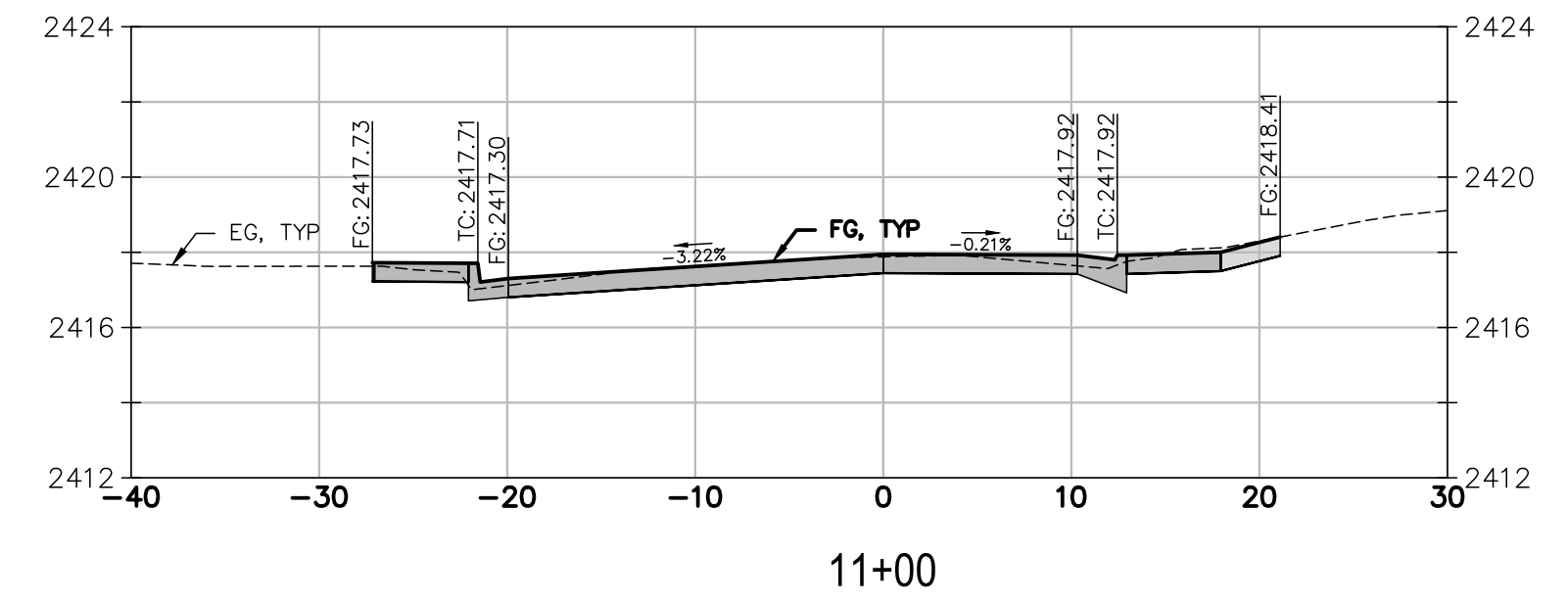
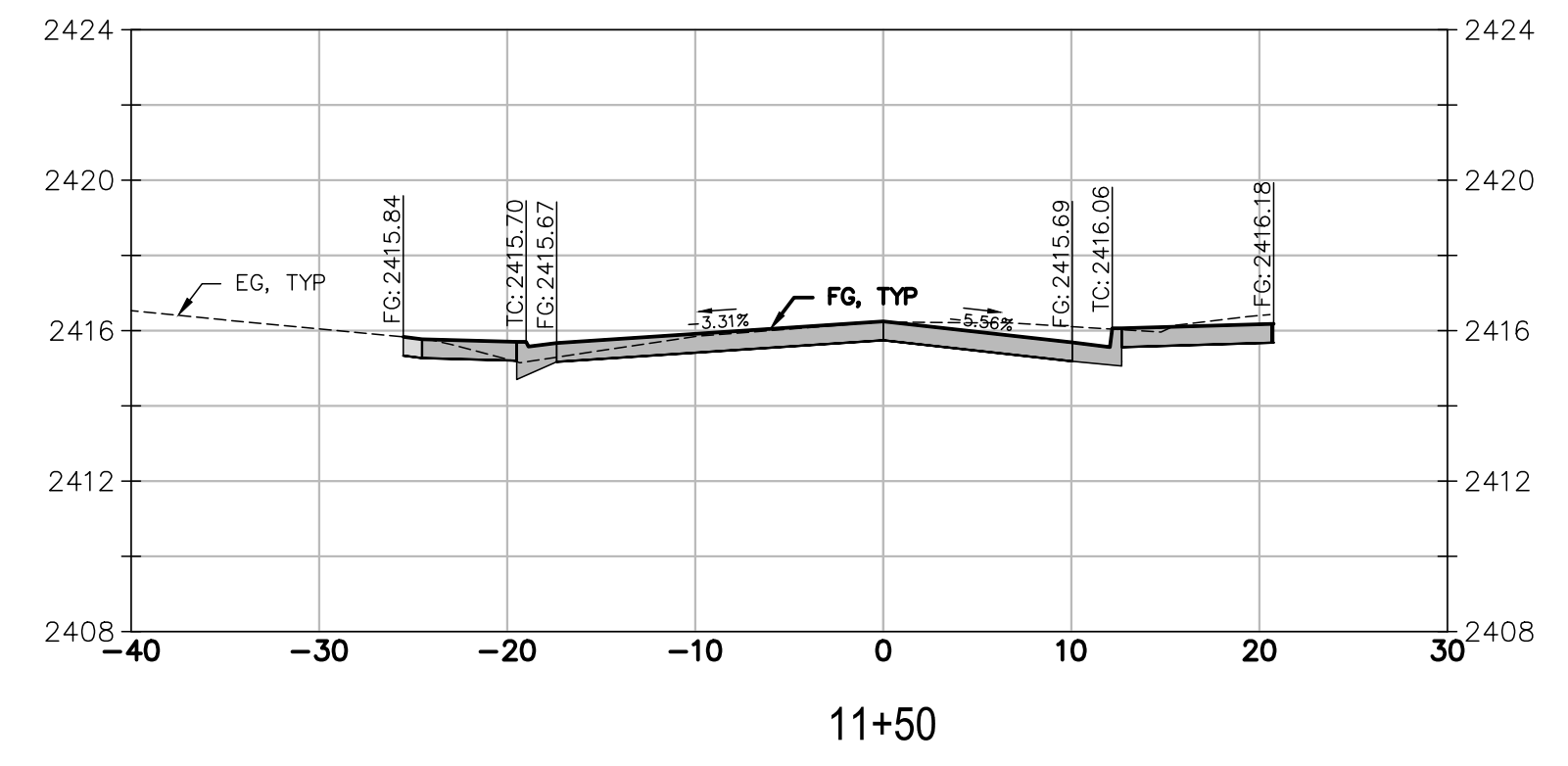
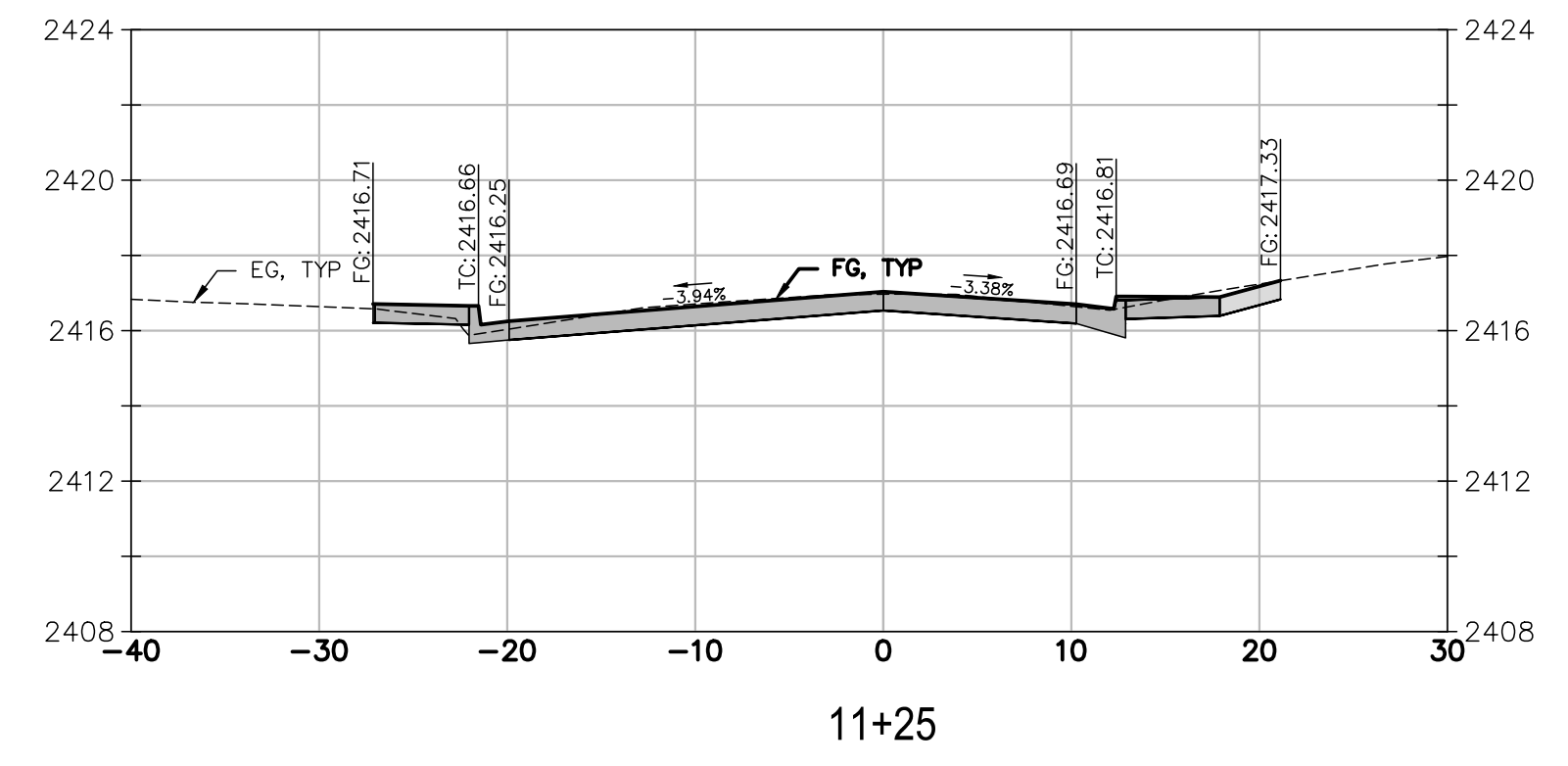
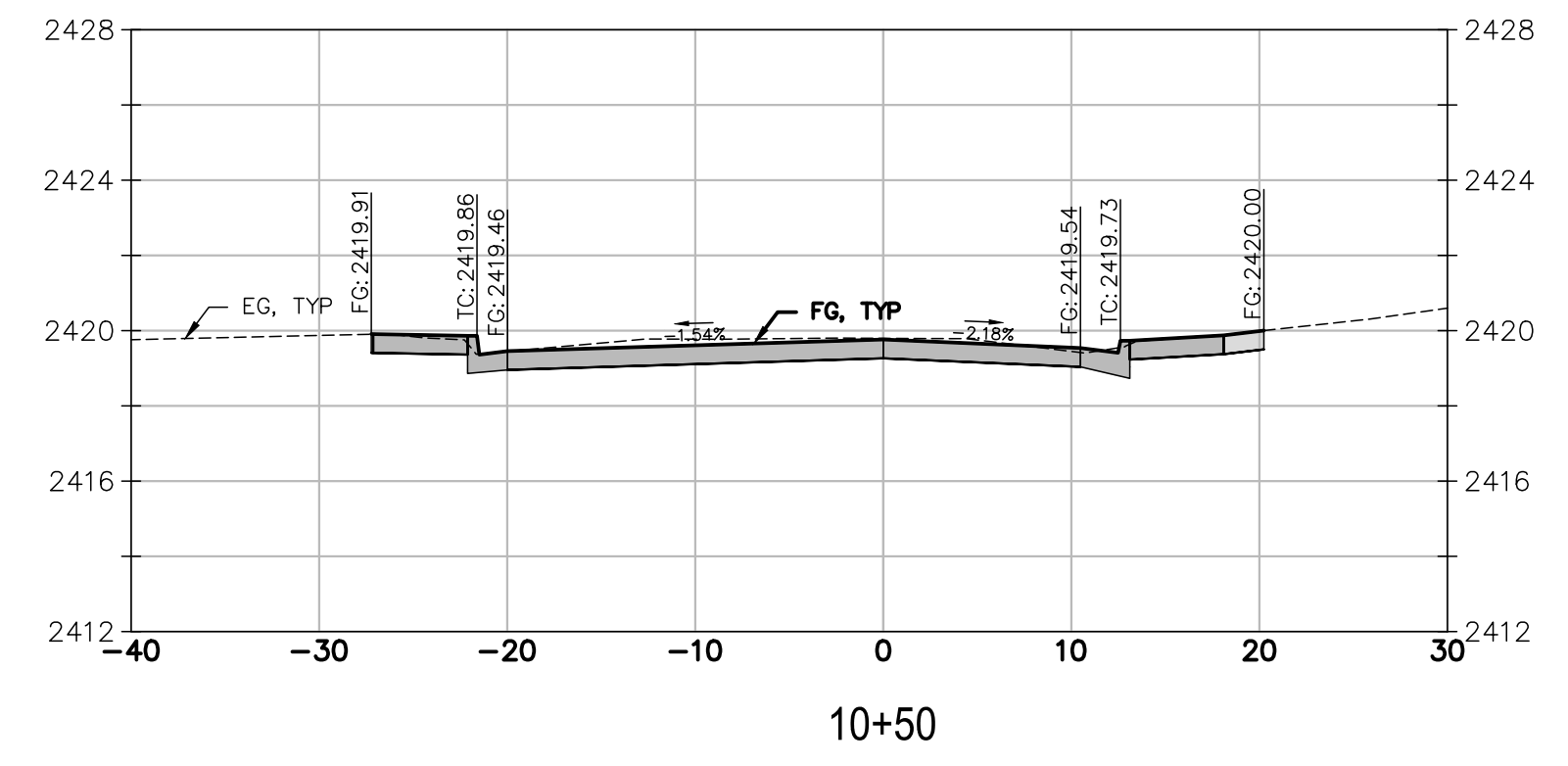
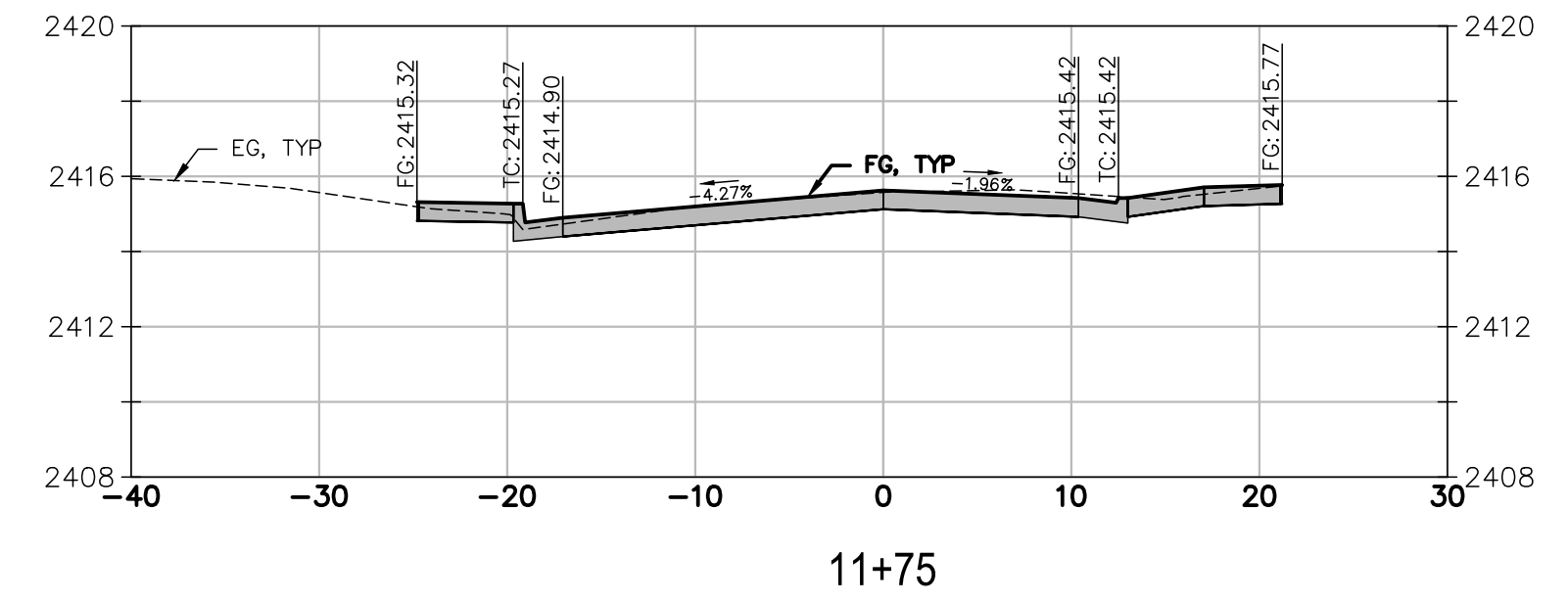
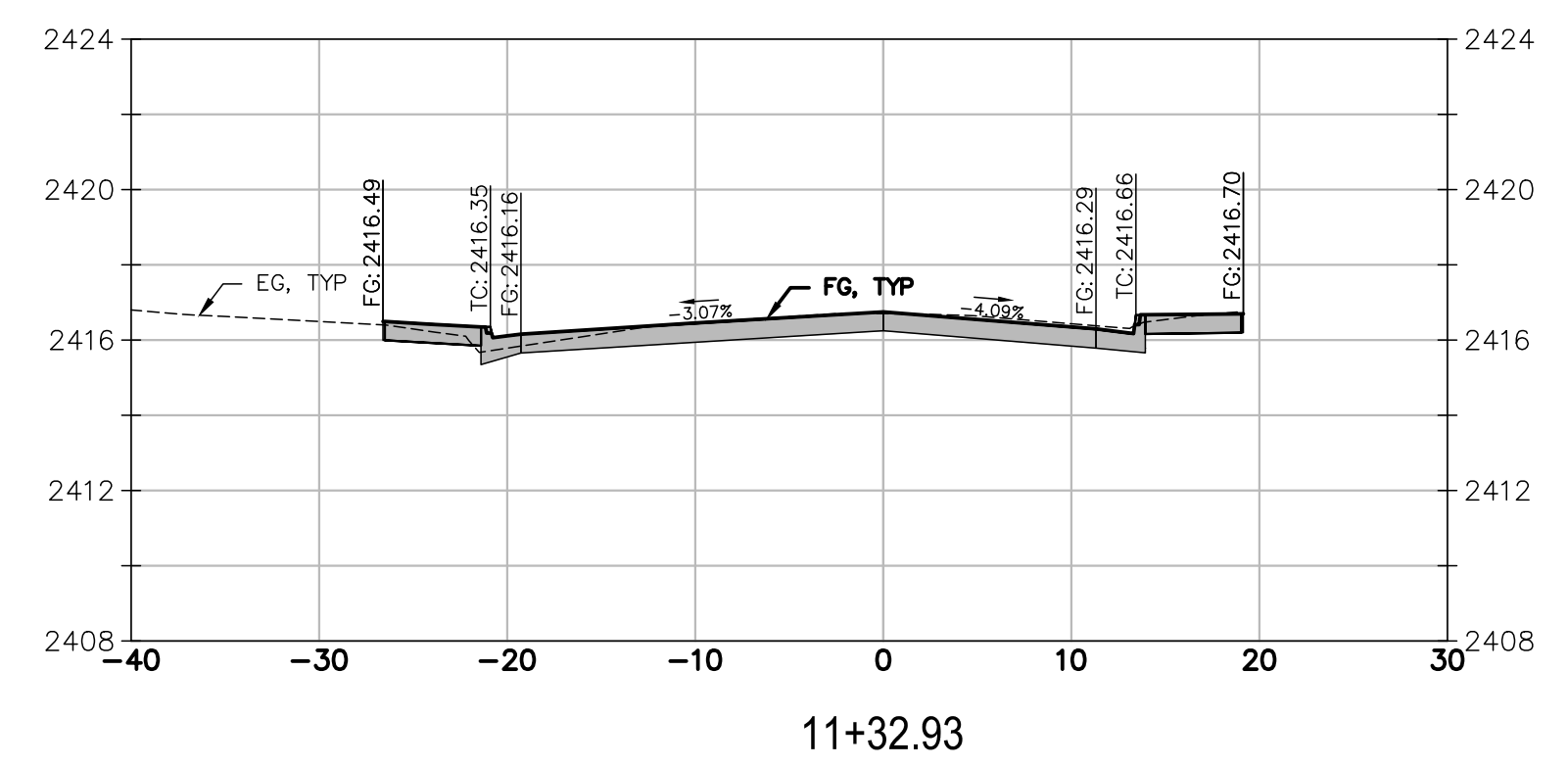
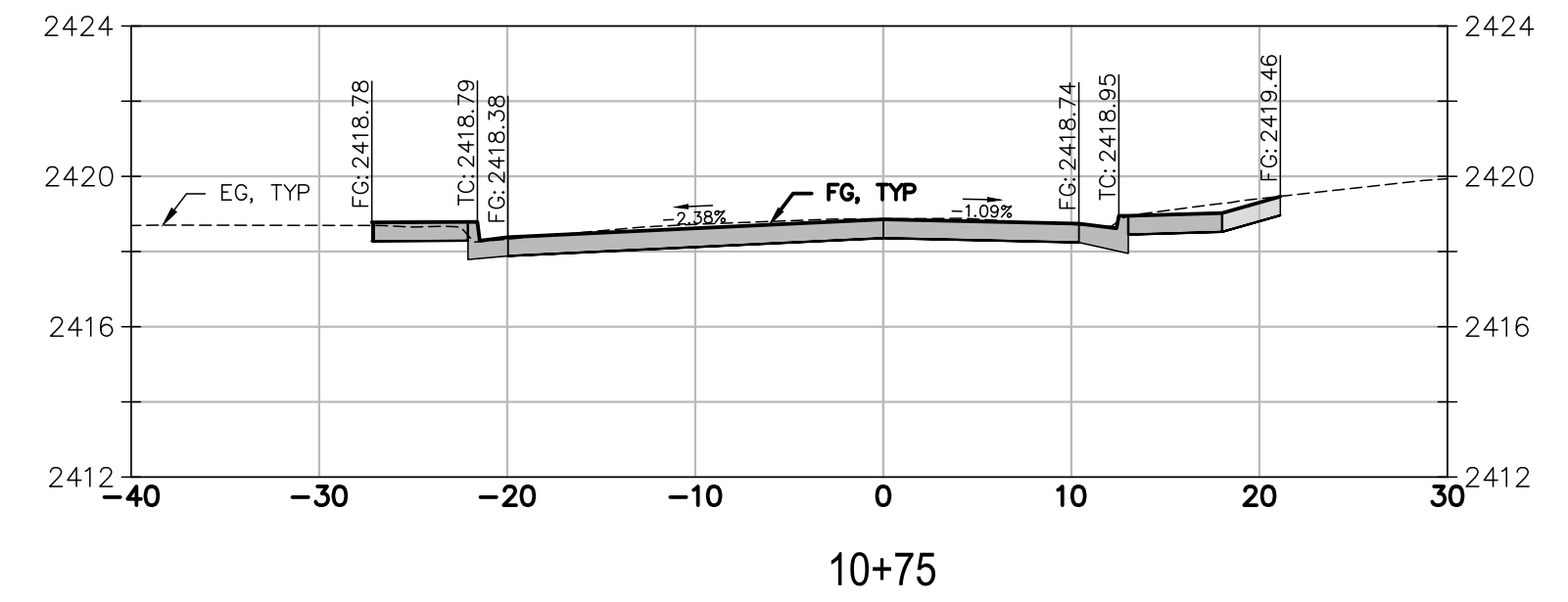
PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
SHEET NUMBER
10 OF 29

BID SET
DATE: NOVEMBER 2024

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FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

Path: X:\Engineering\CDI_Projects\565218_South Auburn Street\DWG\565218_Sections.dwg Layout Name: SECT 1 Plot Date: Nov 20, 2024 at 09:37 am



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaiza
 LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
 DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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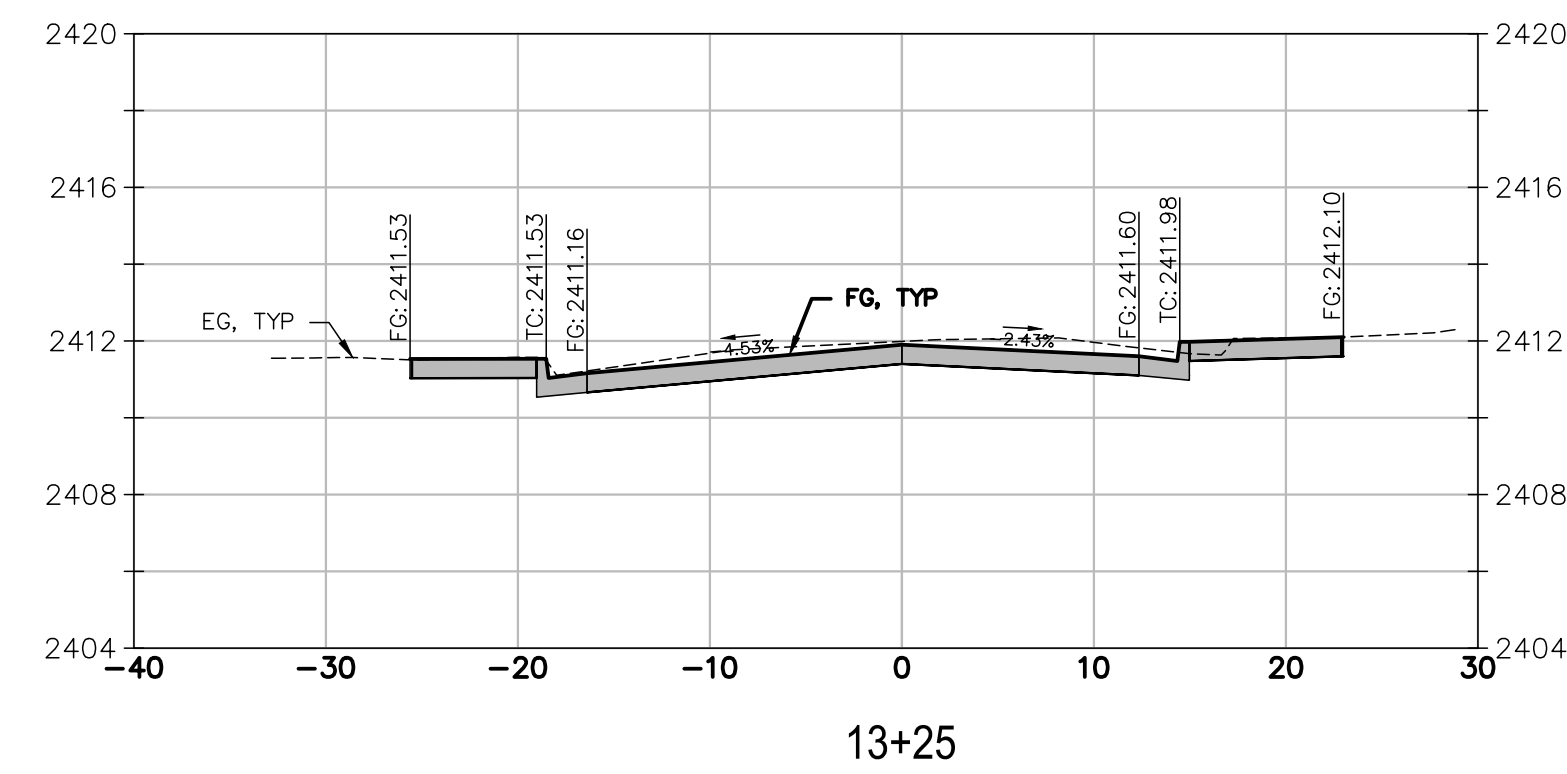
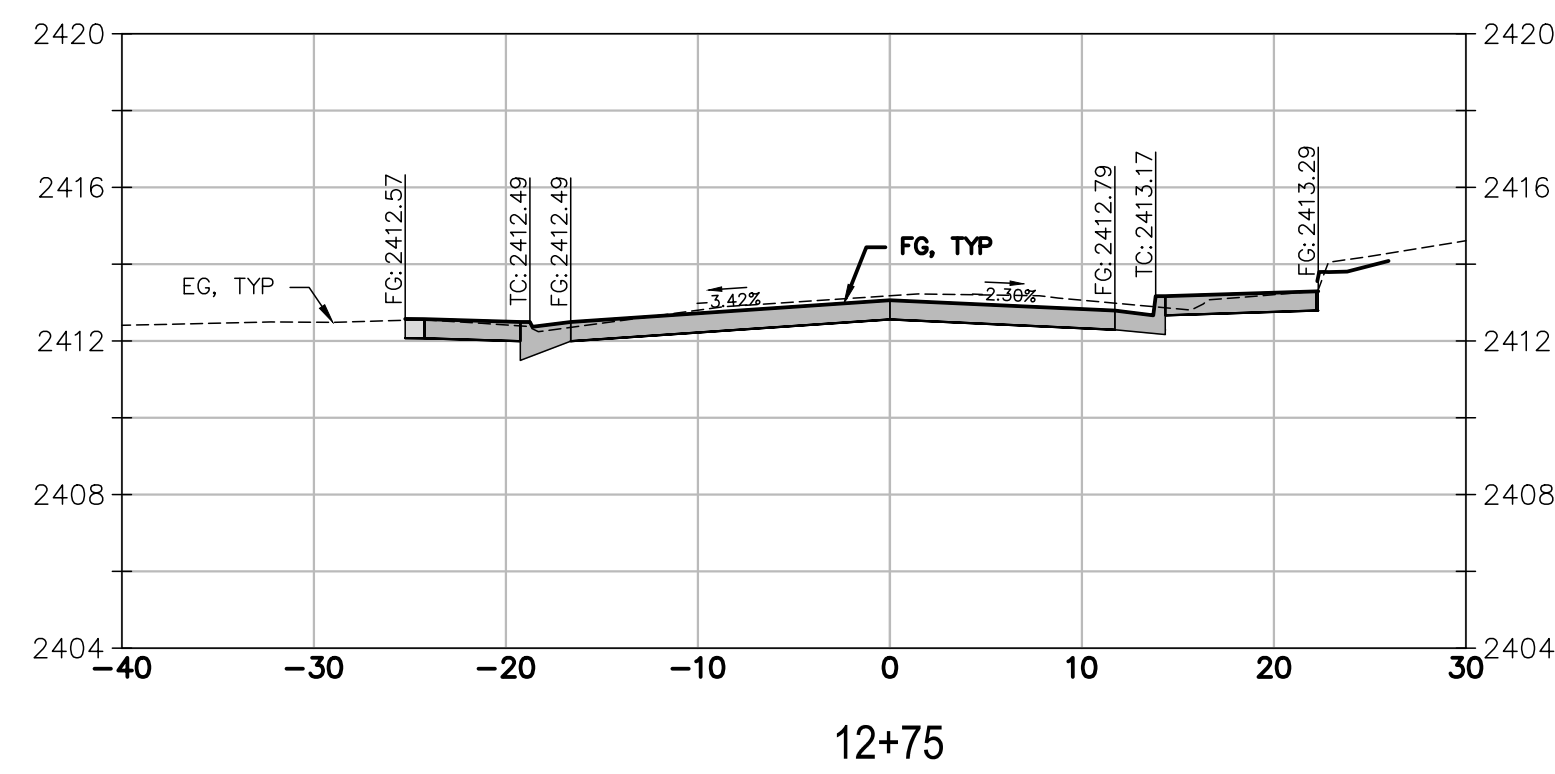
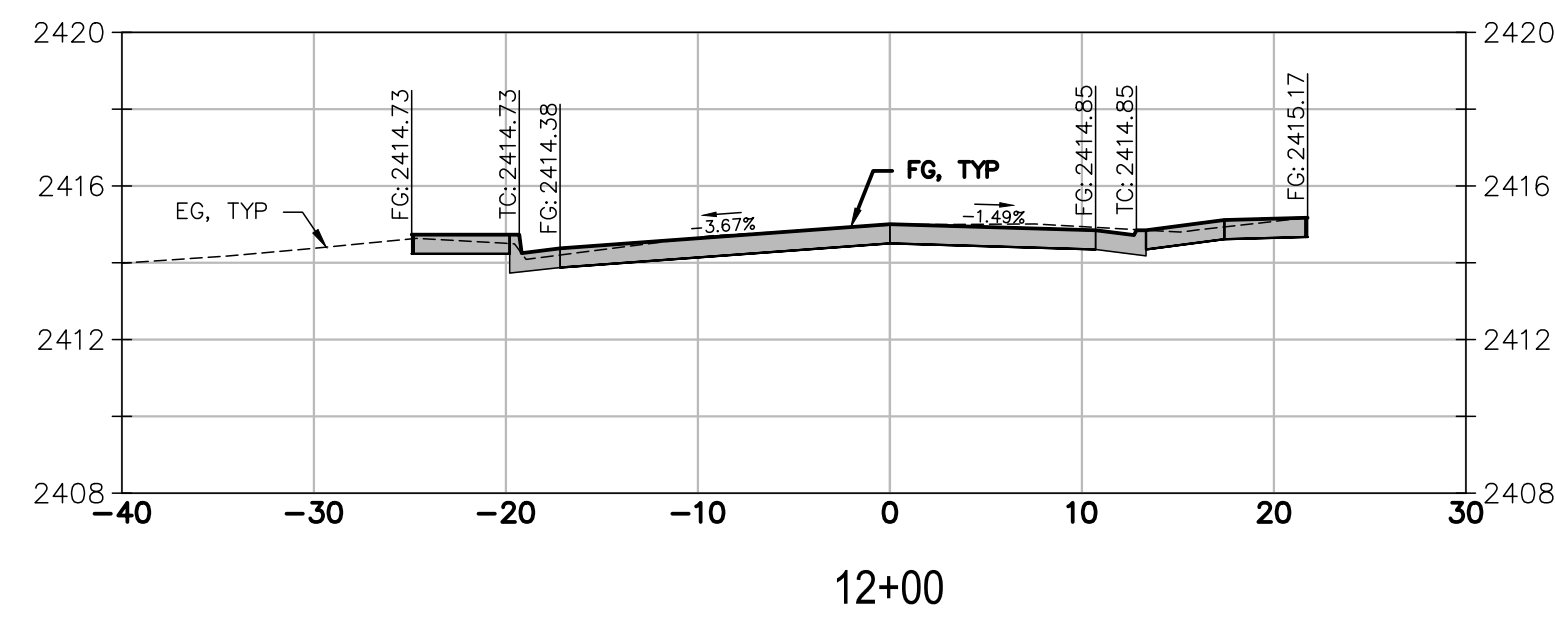
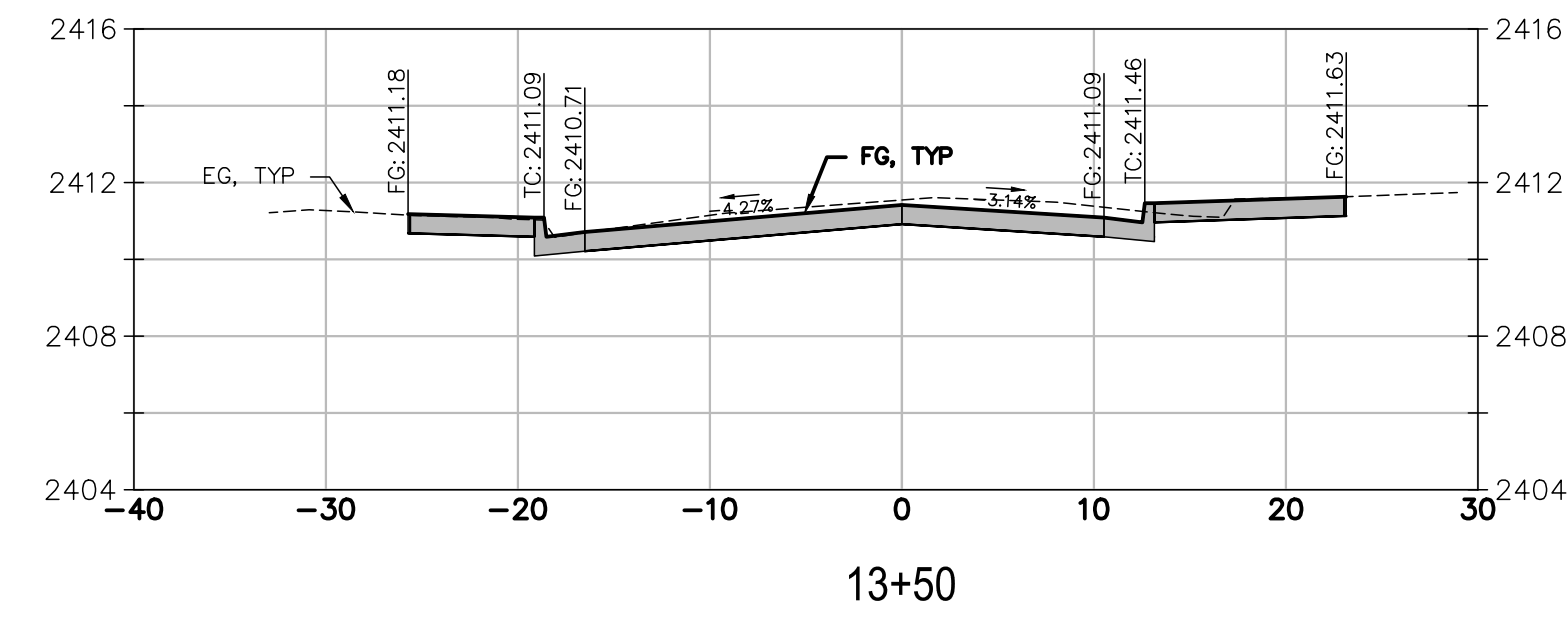
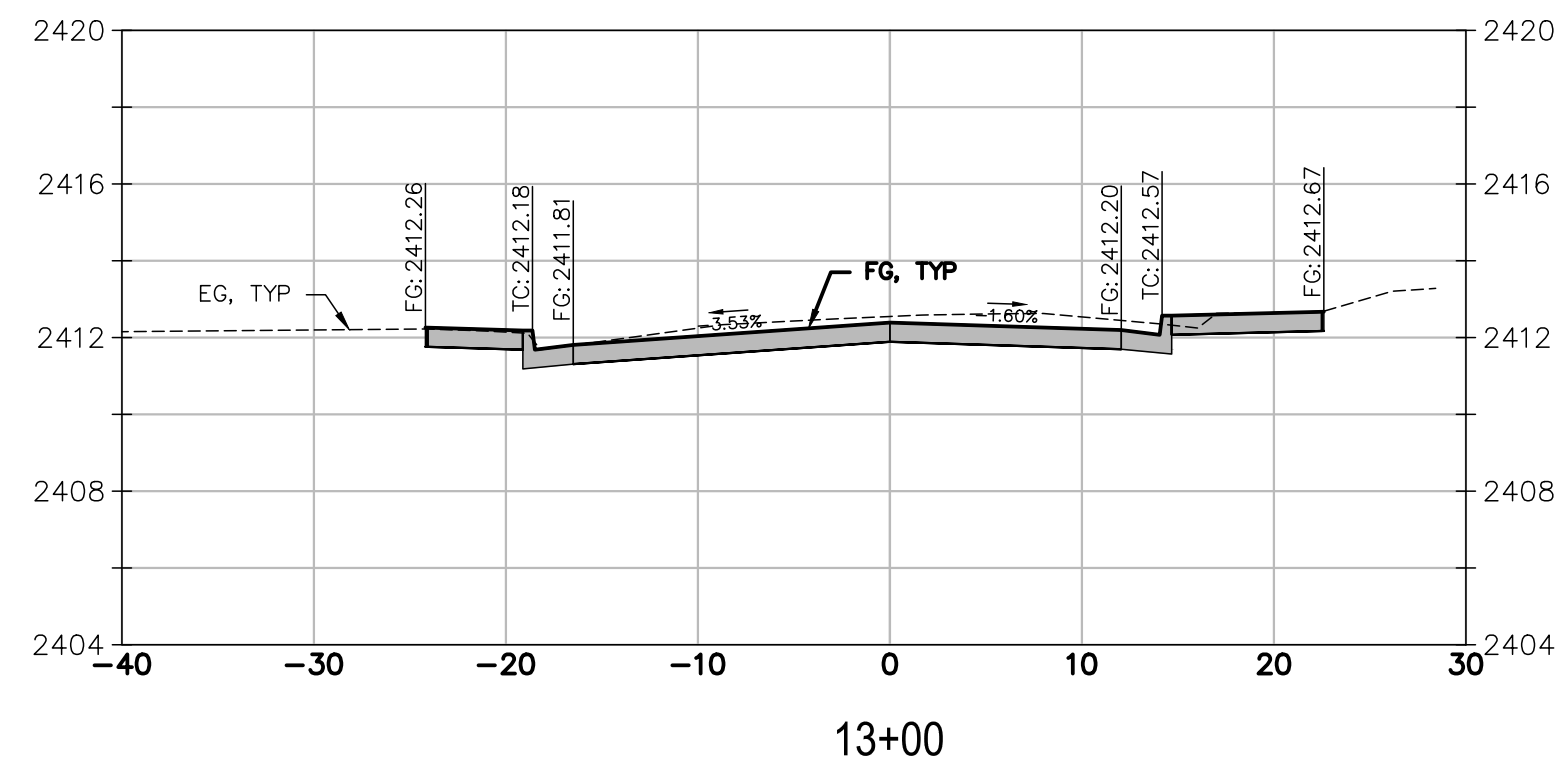
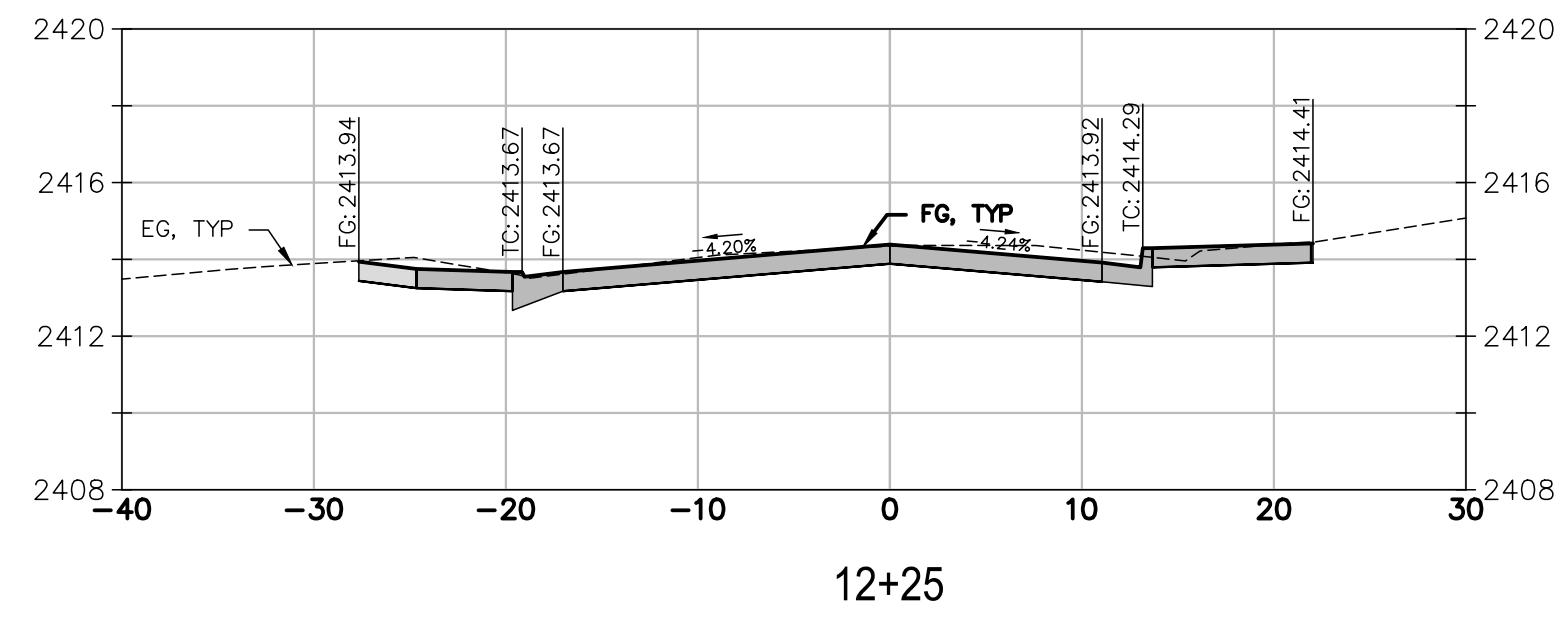
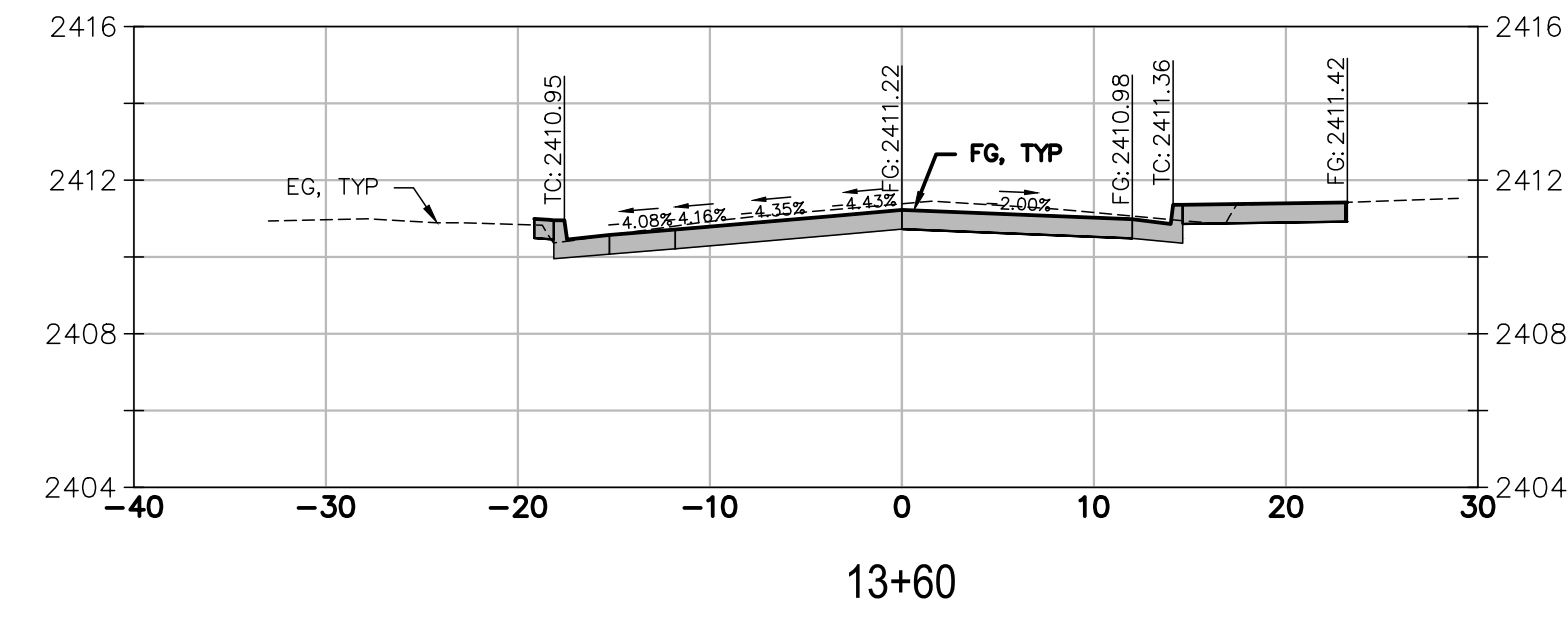
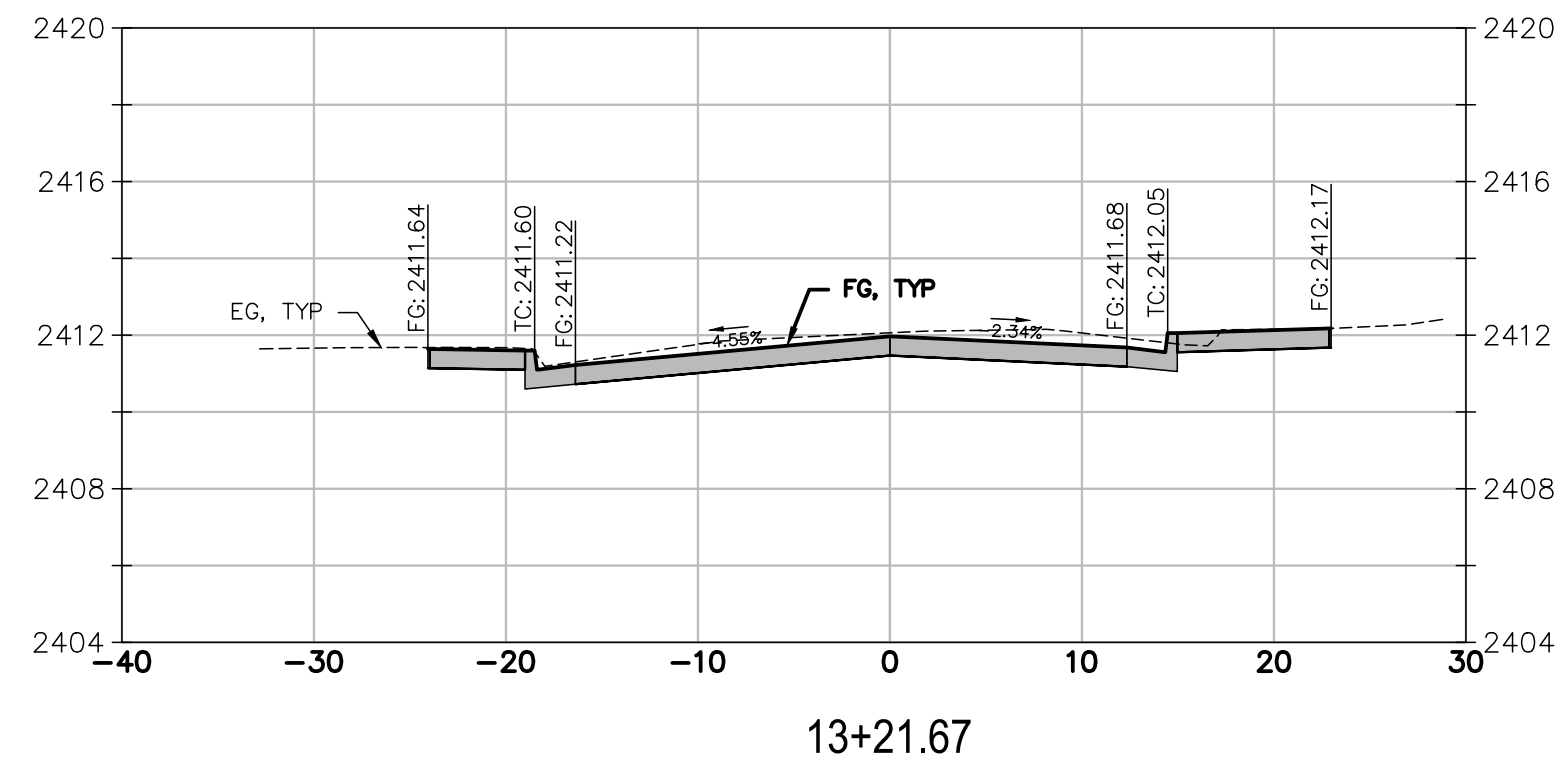
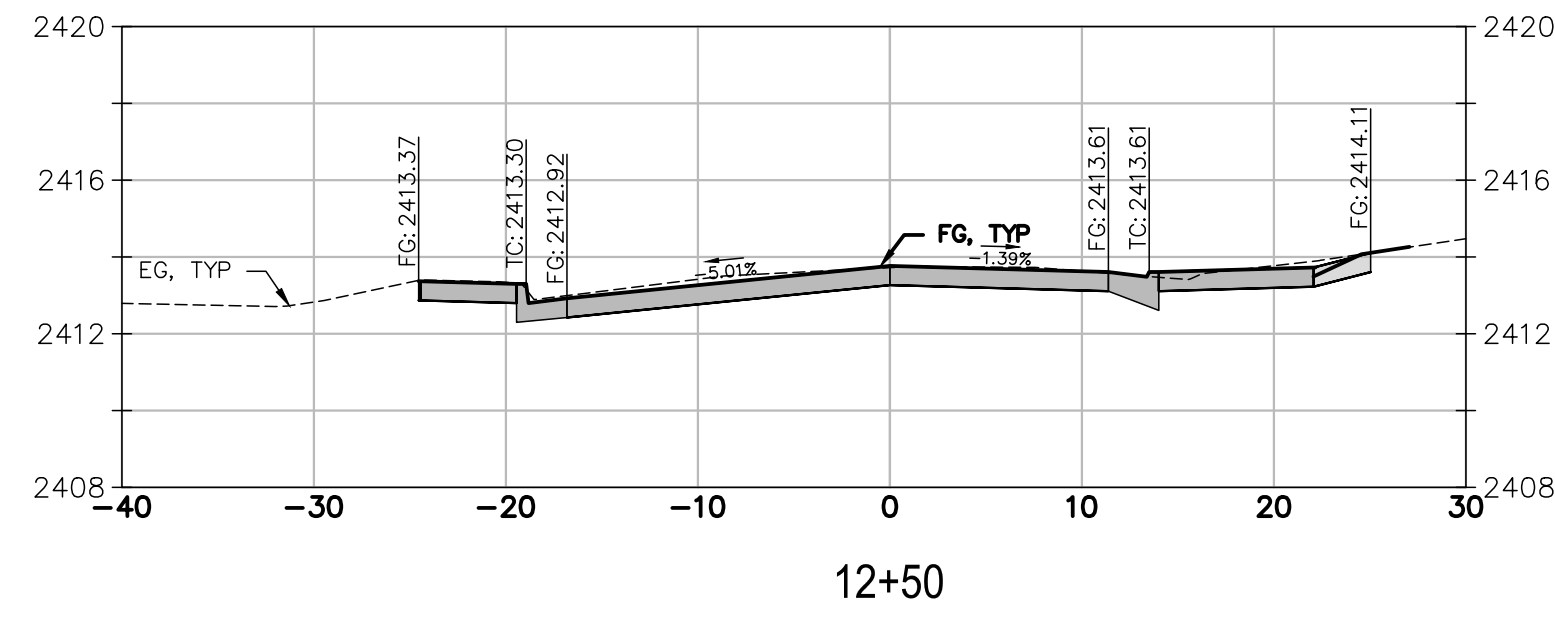
SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY CALIFORNIA
GRADING SECTIONS 1
S. AUBURN STREET

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
 11 OF 29

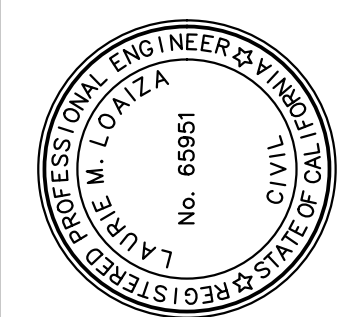
BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

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BID SET
DATE: NOVEMBER 2024



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaza
LAURIE M. LOAZA, RCE 65951 DATE 11/20/2024
DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

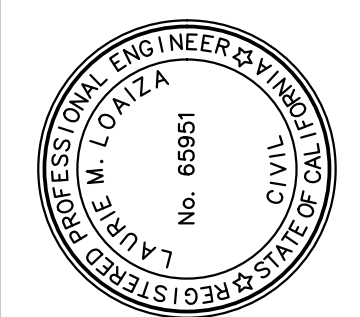
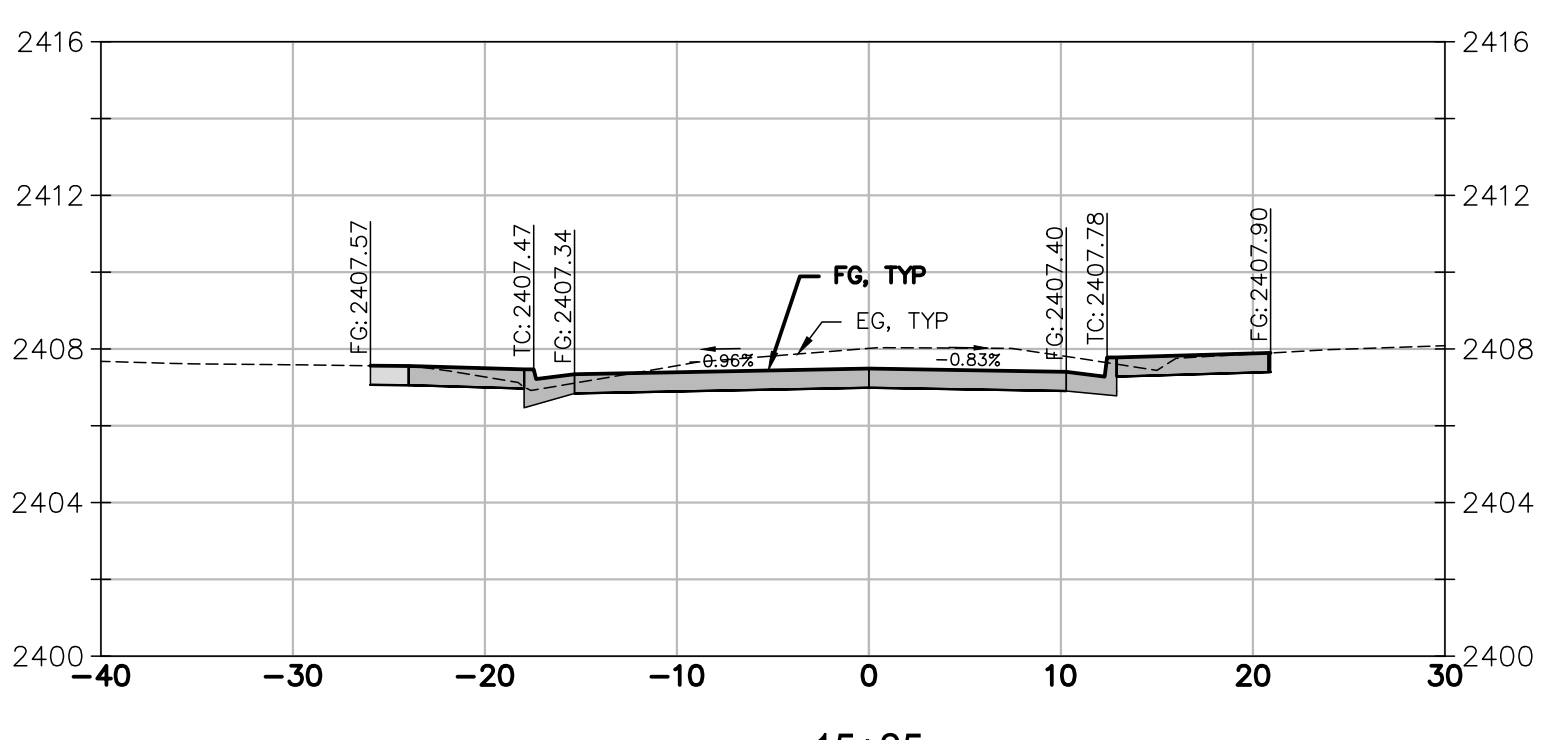
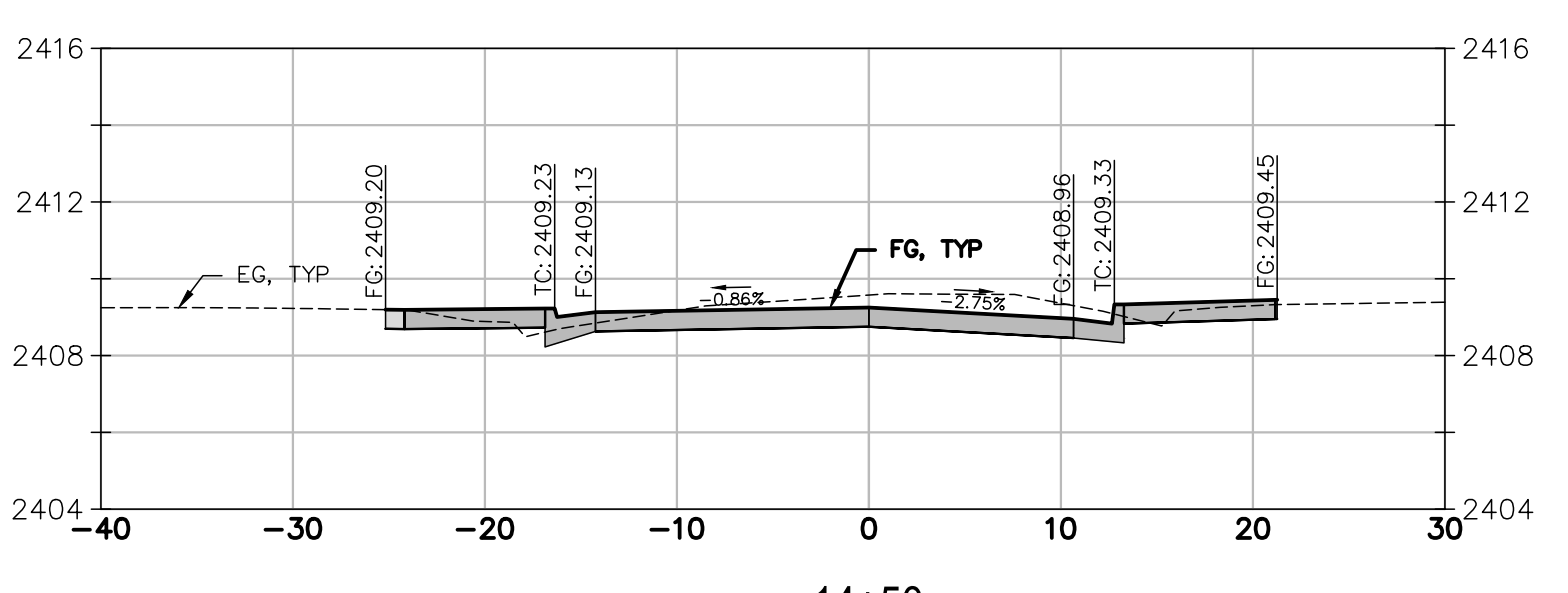
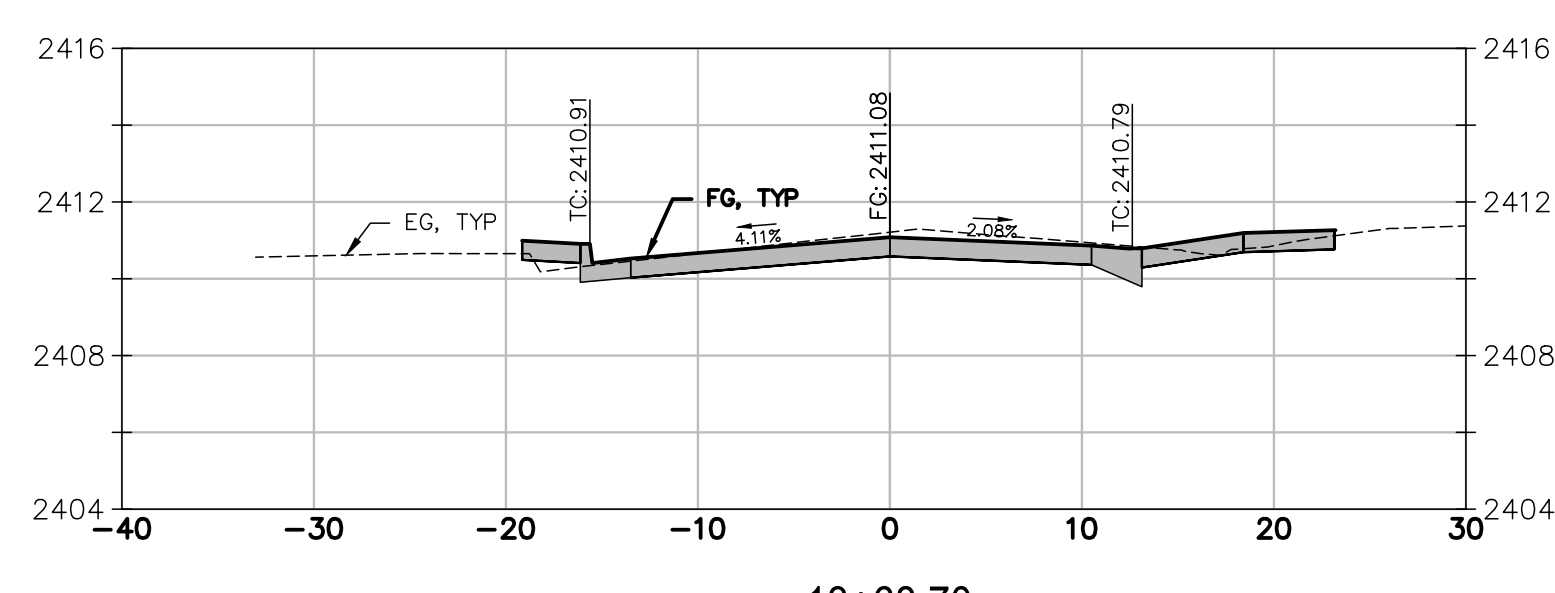
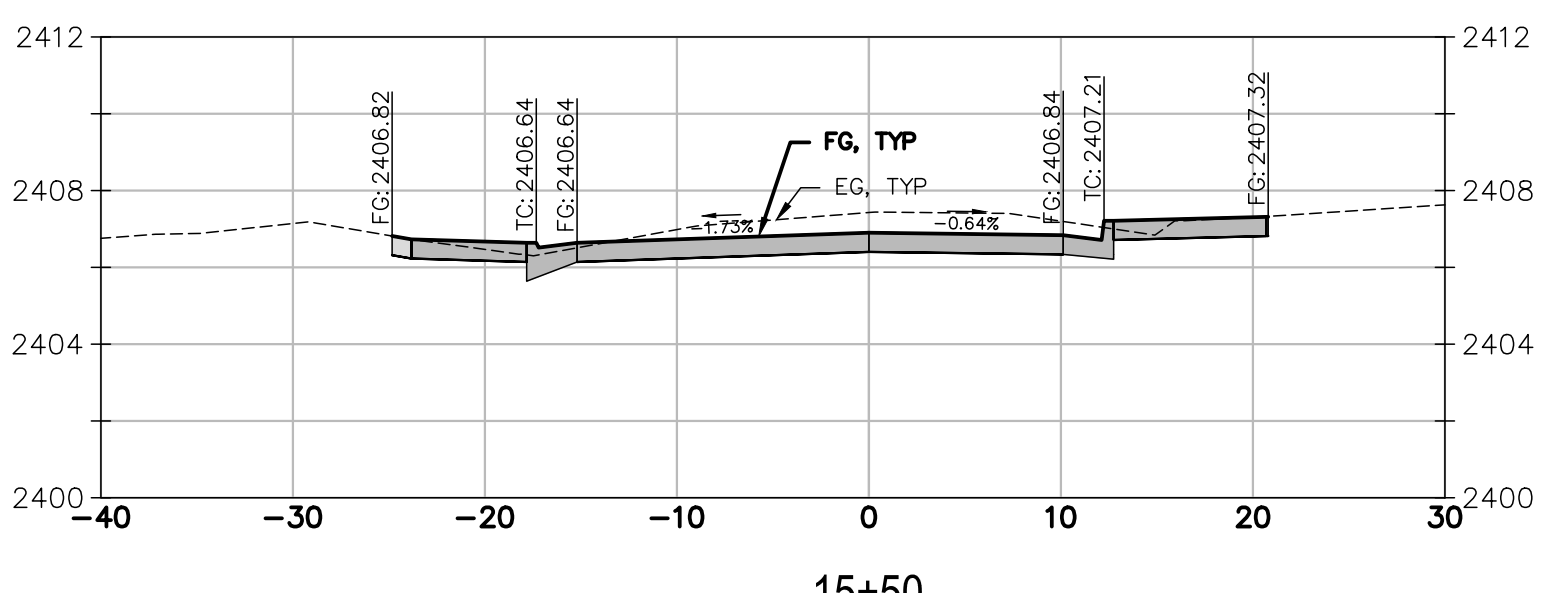
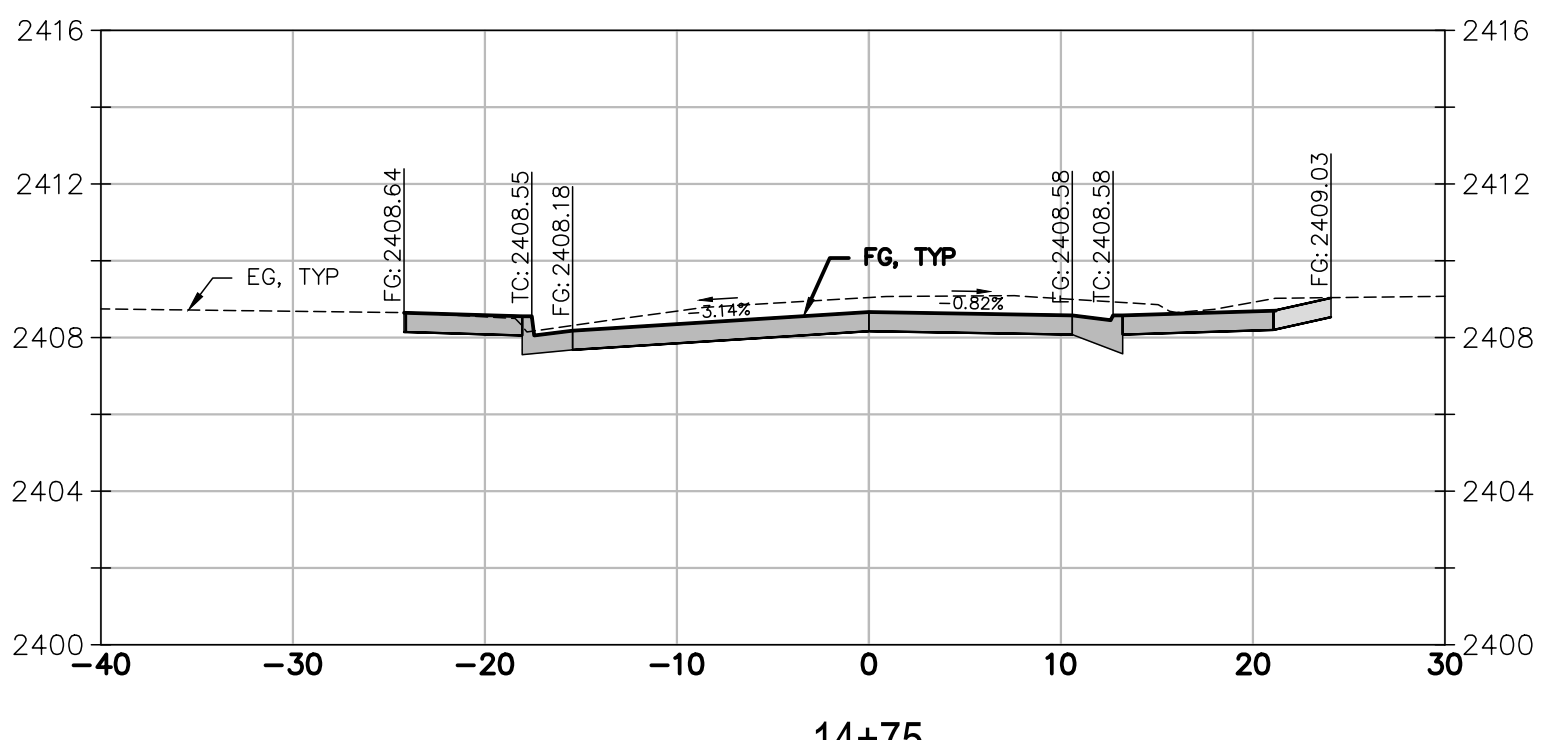
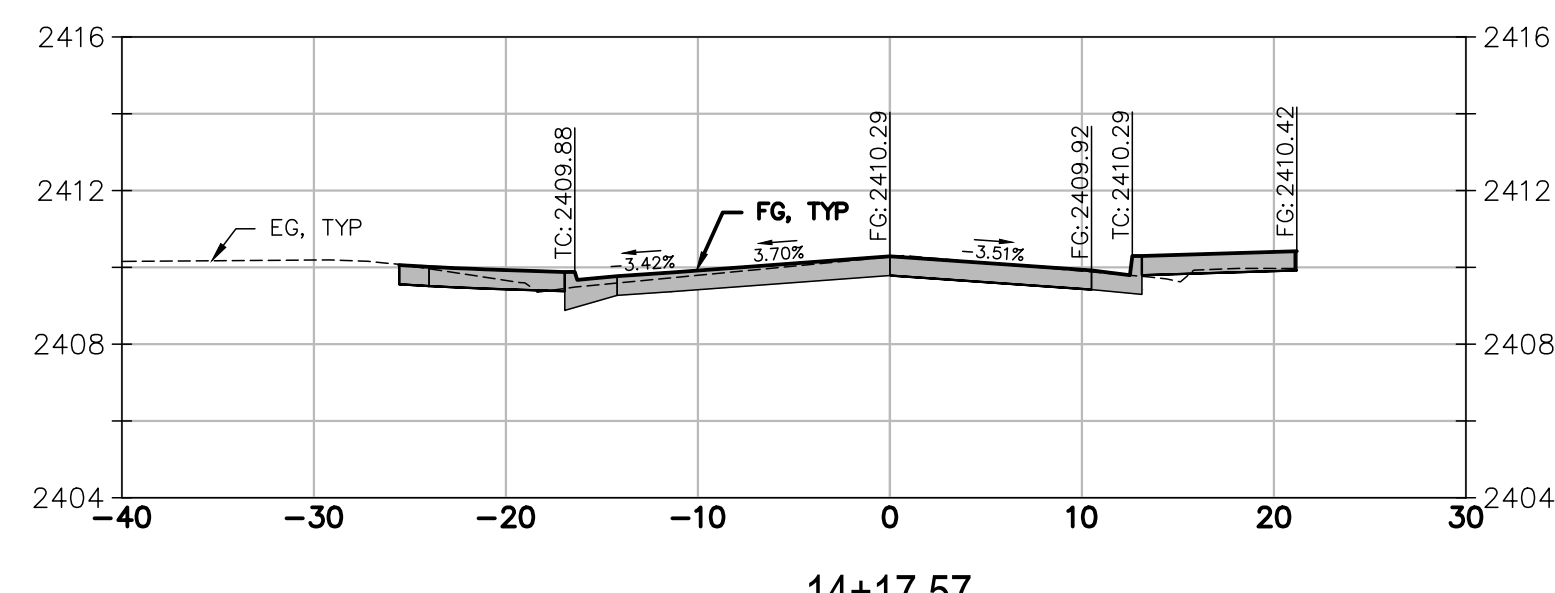
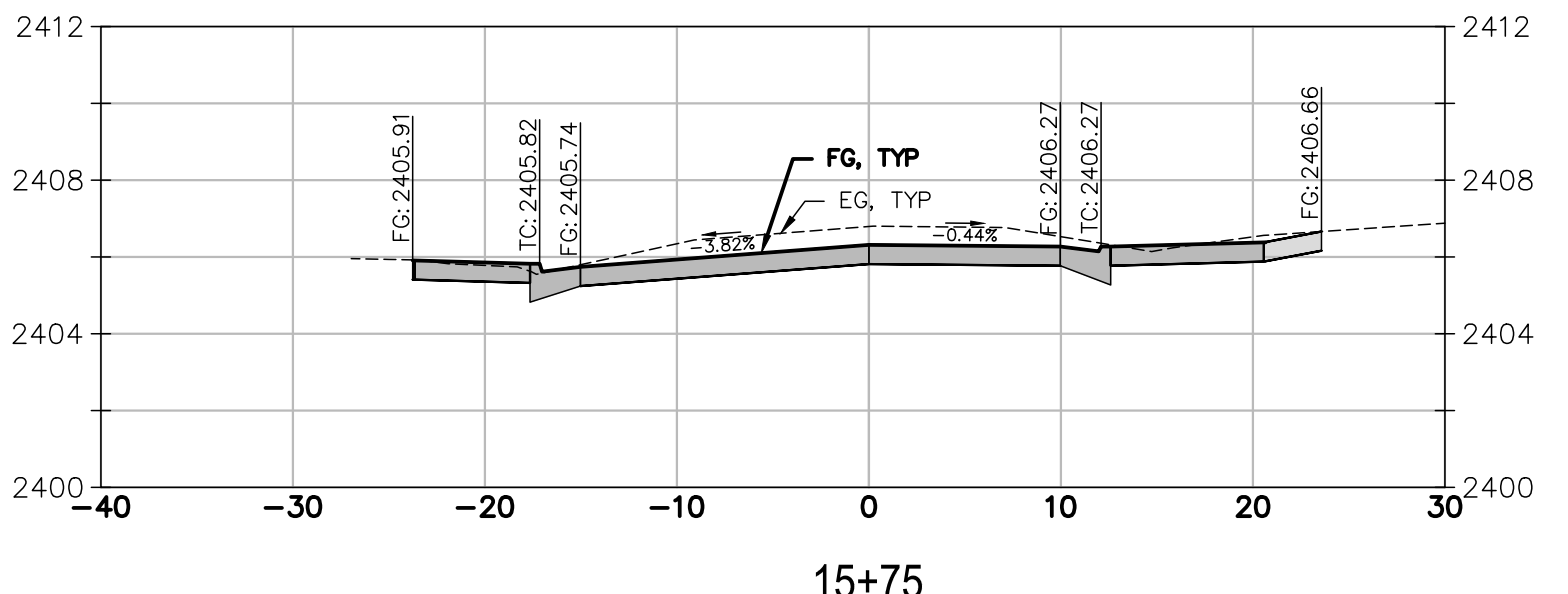
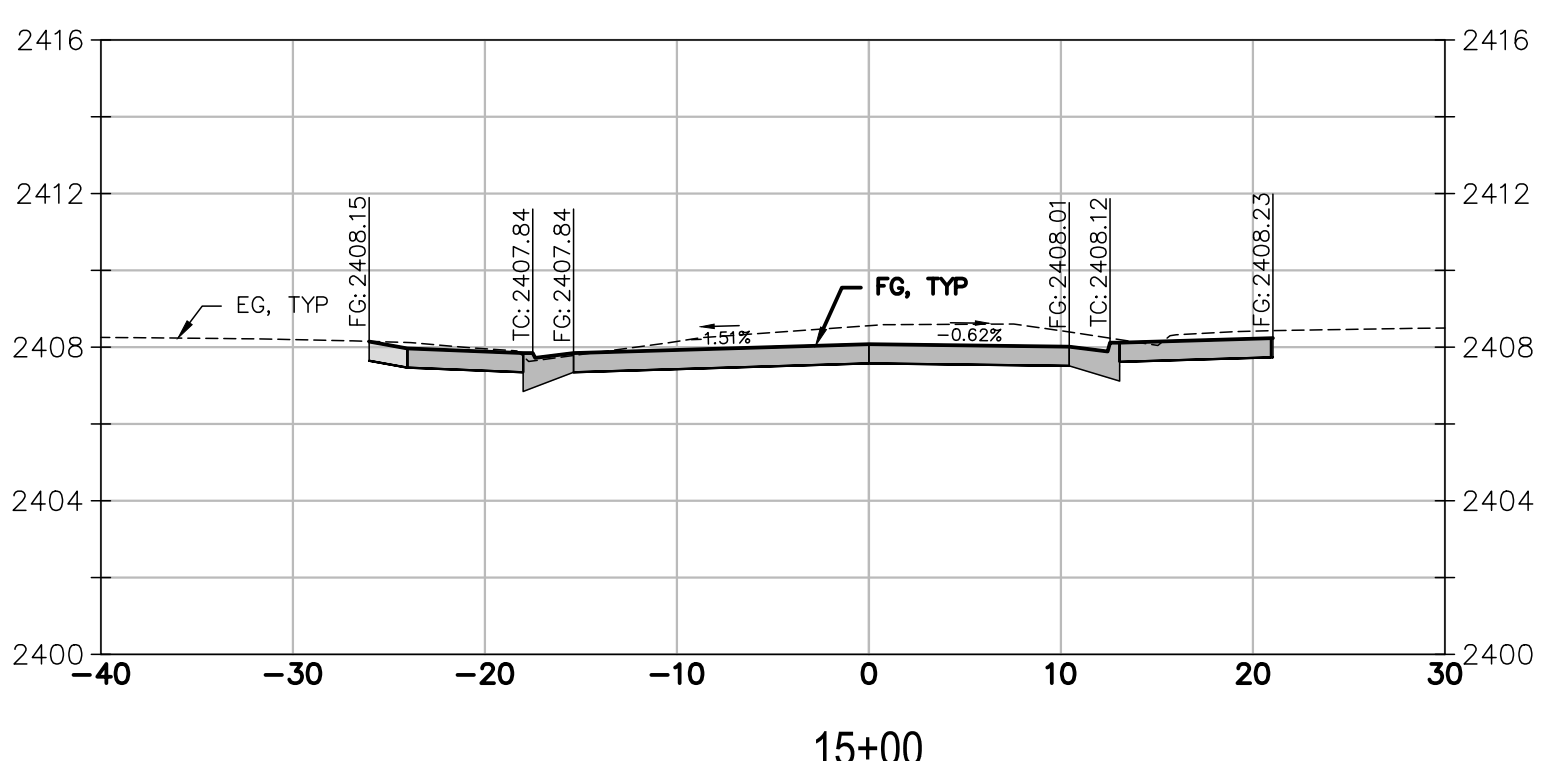
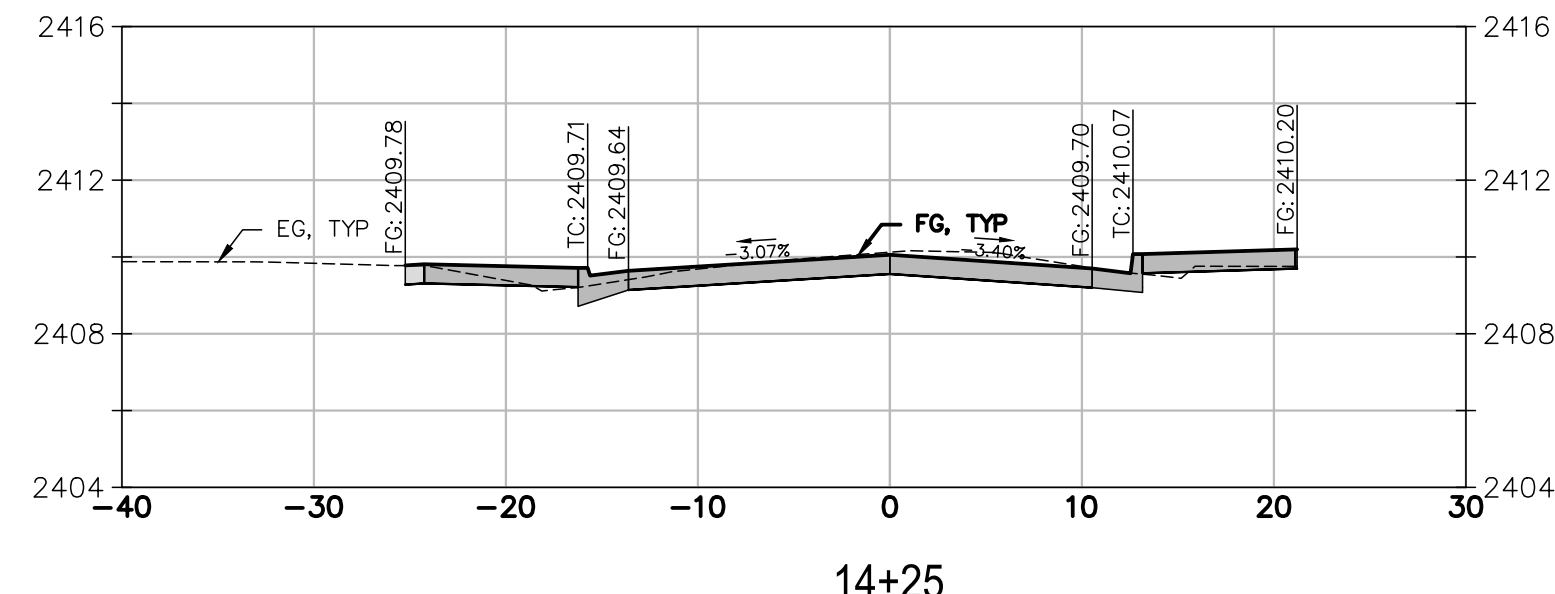
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CALIFORNIA
SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
GRASS VALLEY
GRADING SECTIONS 2
S. AUBURN STREET

PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
SHEET NUMBER
12 OF 29

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

Path: X:\Engineering\CDI_Projects\565218_South Auburn Street\DWG\565218_Sections.dwg Layout Name: SECT 3 Plot Date: Nov 20, 2024 at 09:39 am



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Laurie M. Loaiza
 LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
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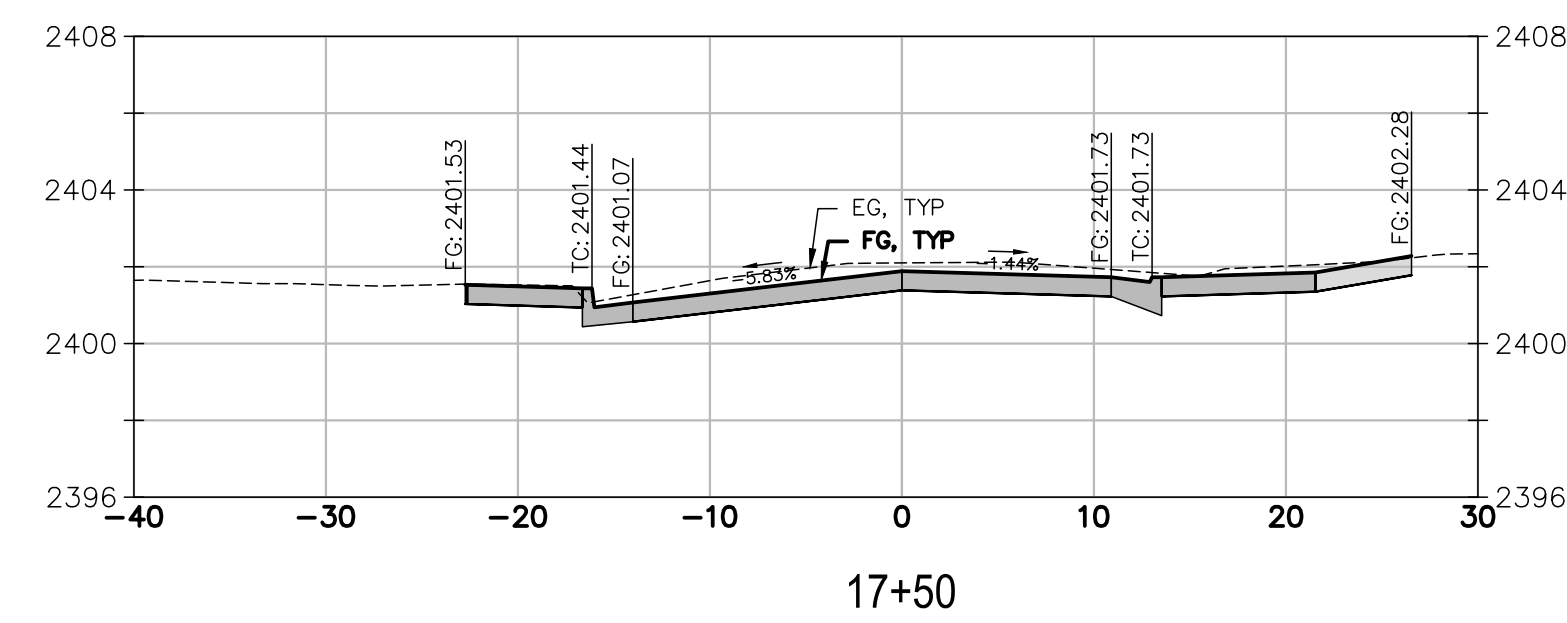
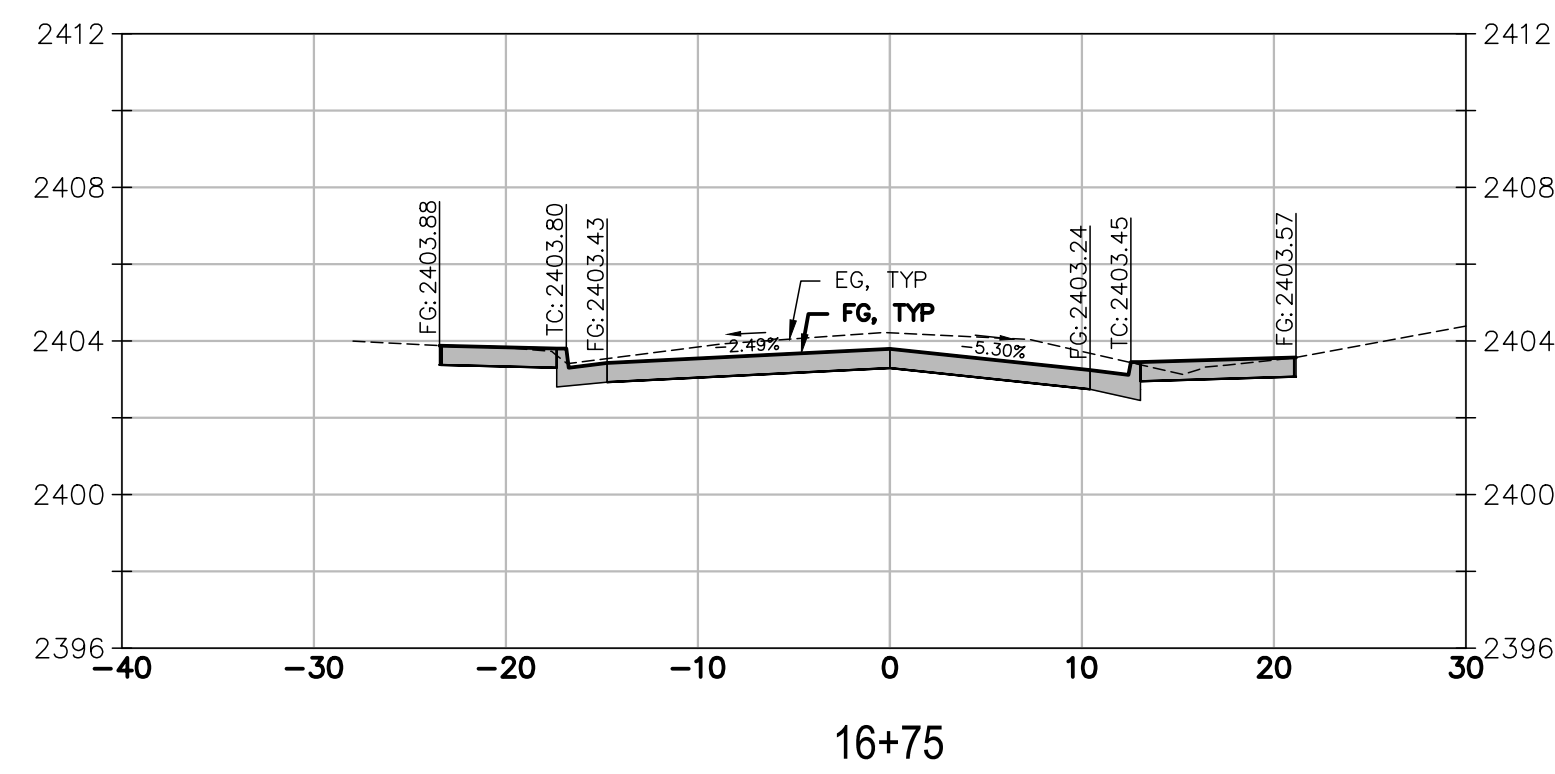
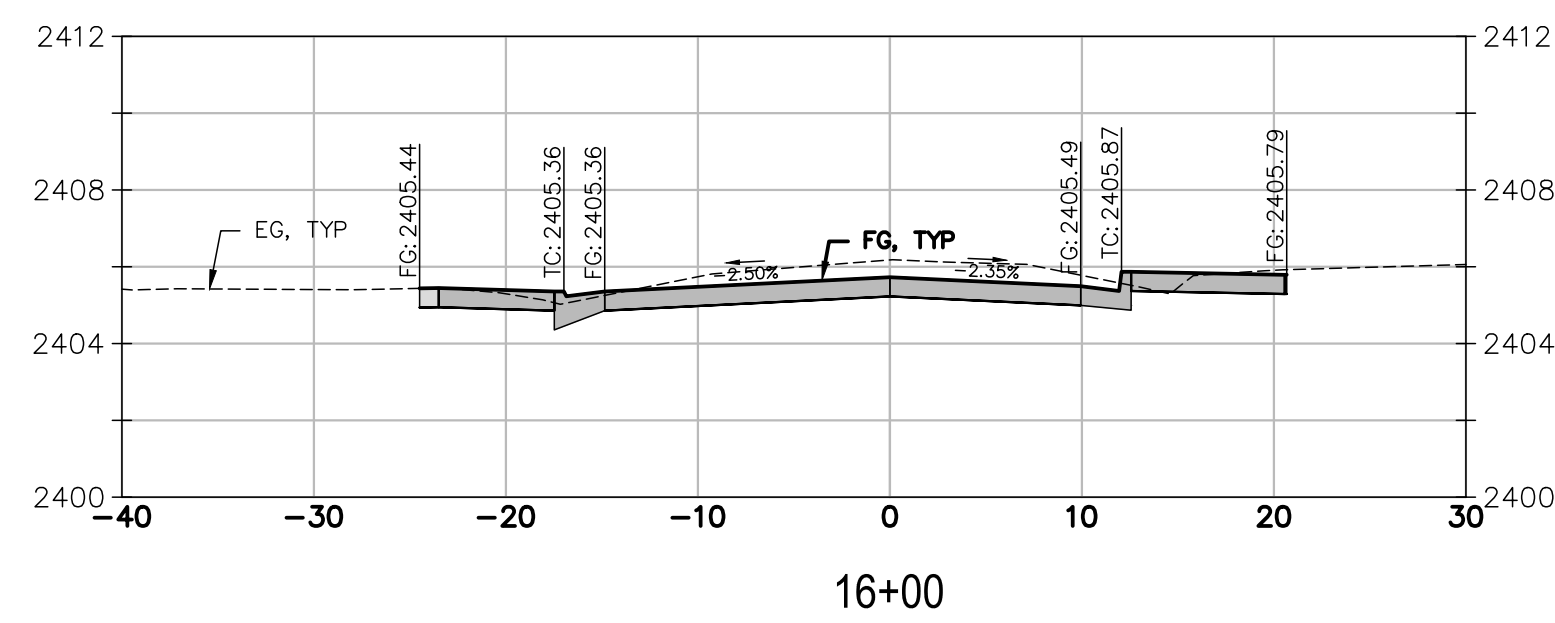
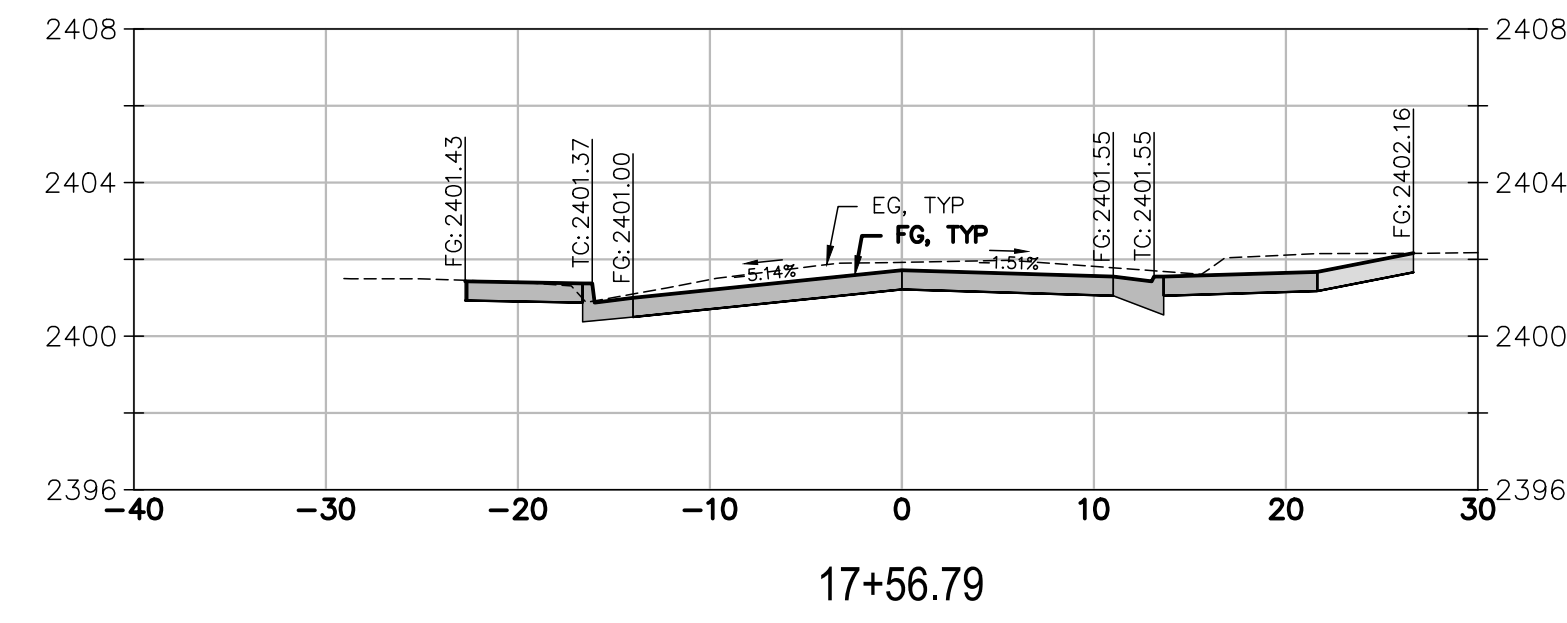
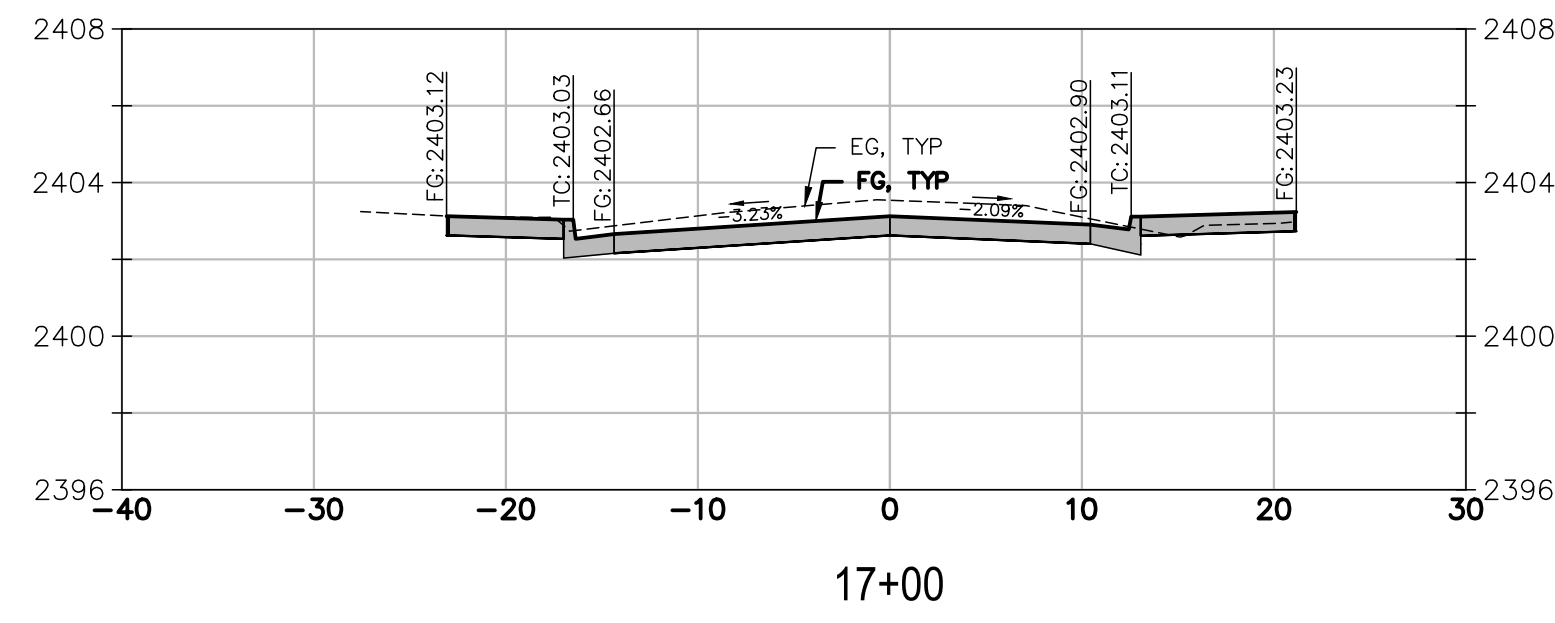
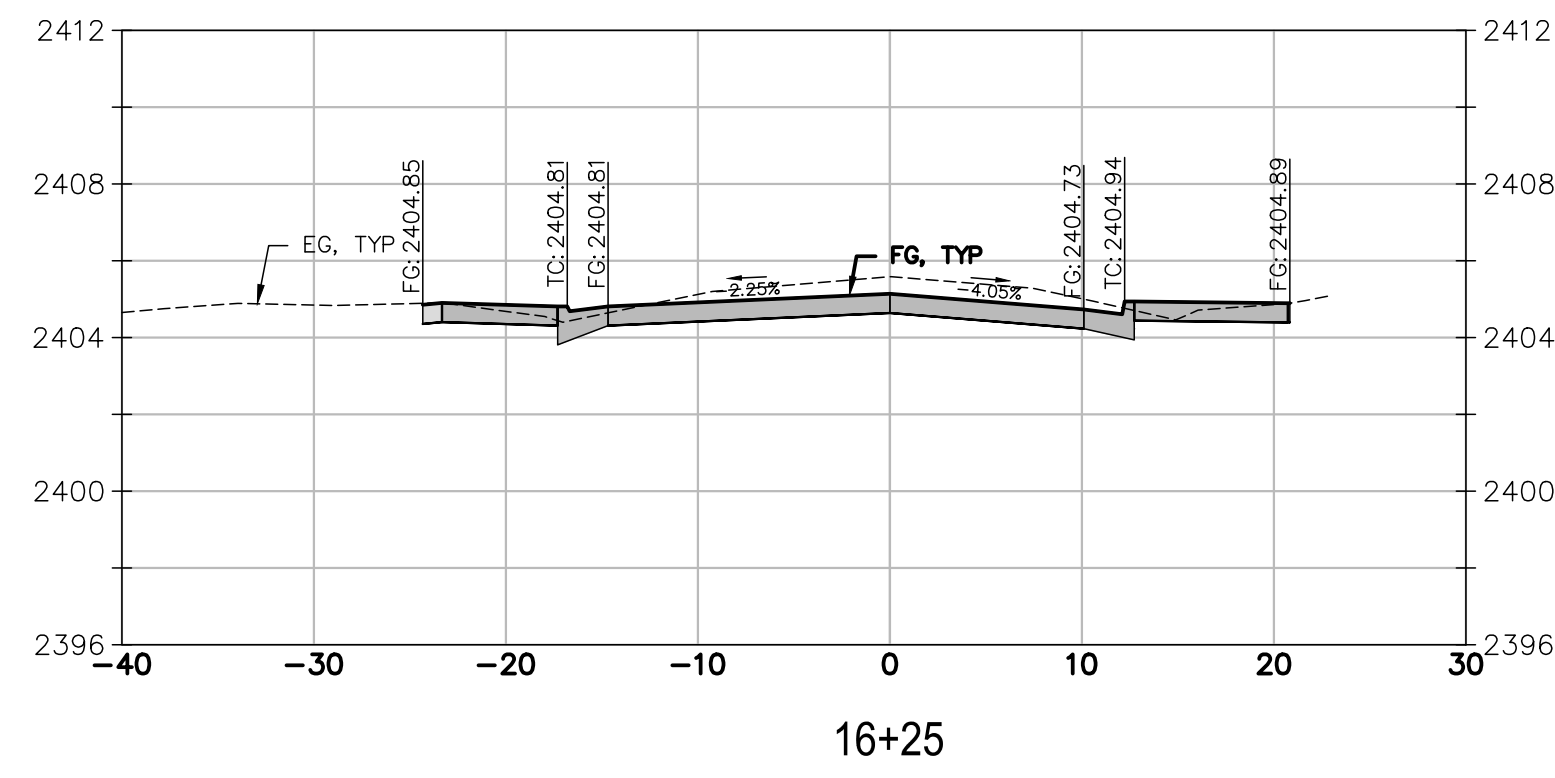
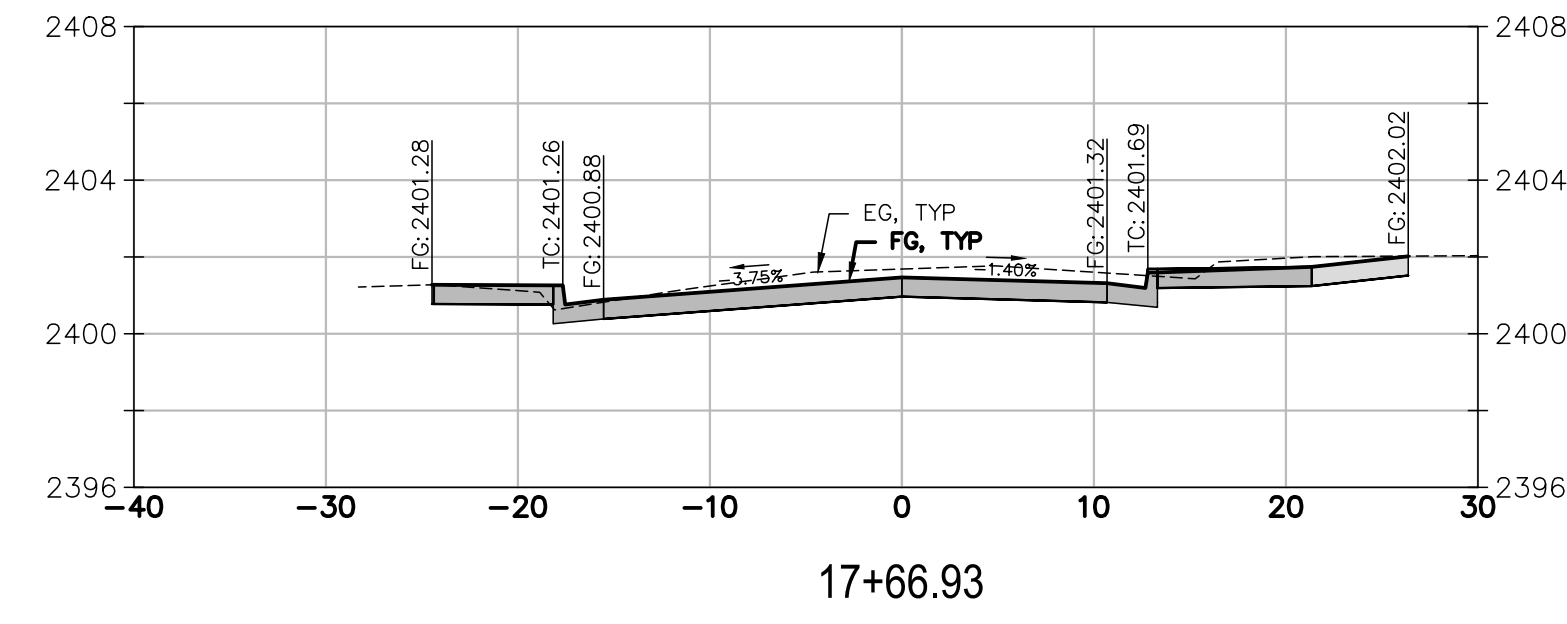
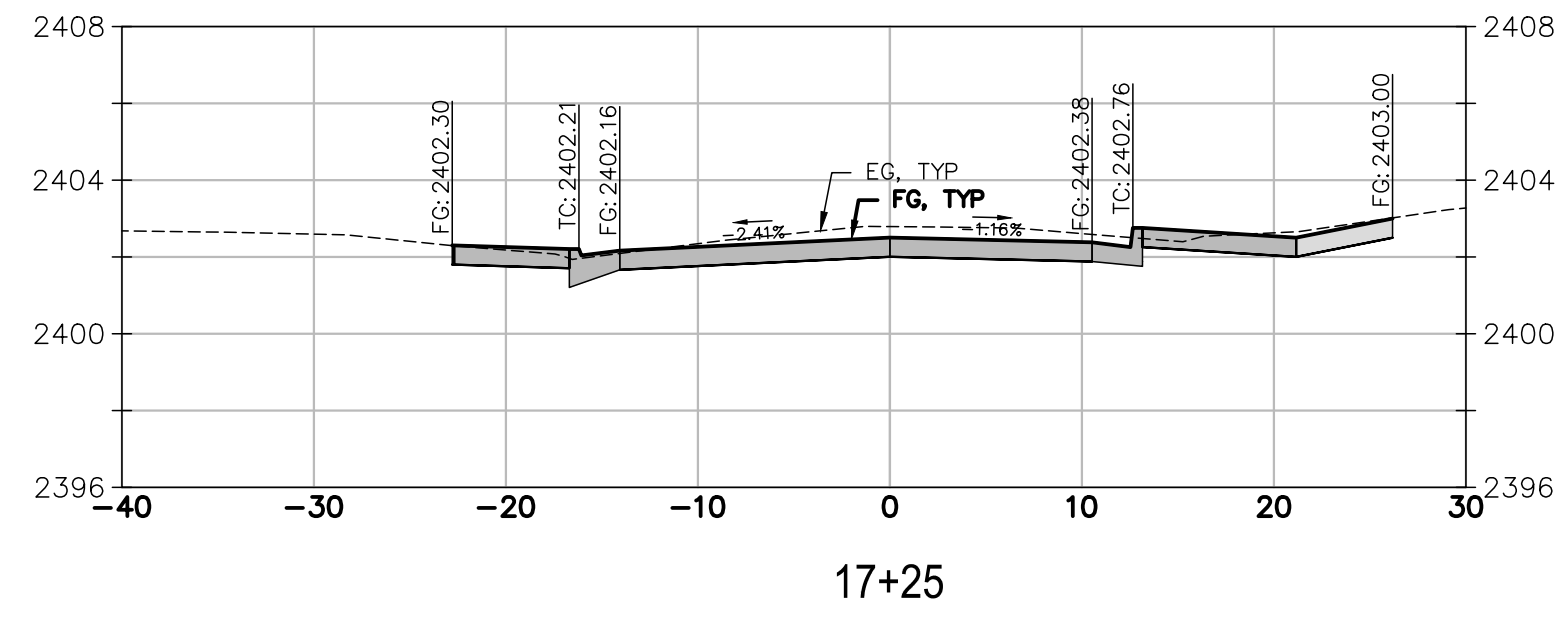
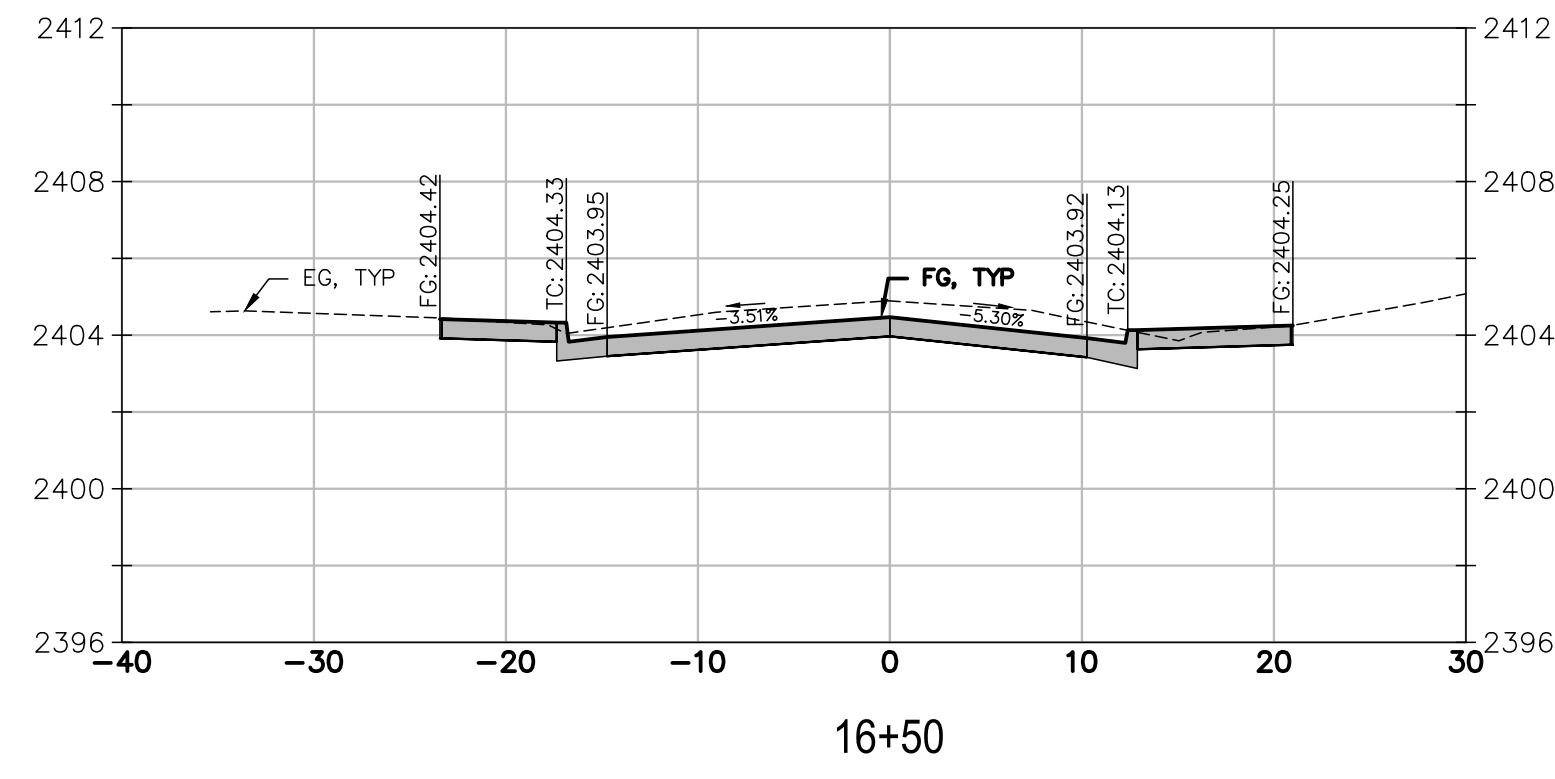
CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
GRADING SECTIONS 3
S. AUBURN STREET

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
 13 OF 29

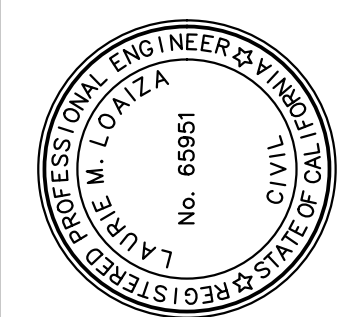
BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

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BID SET
DATE: NOVEMBER 2024



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaiza
LAURIE M. LOAIZA - RCE 65951 DATE 11/20/2024
DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

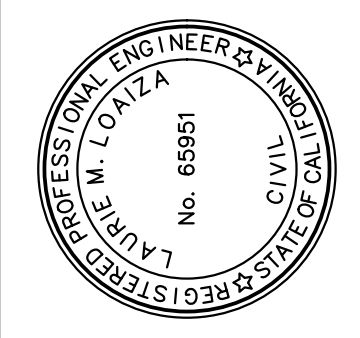
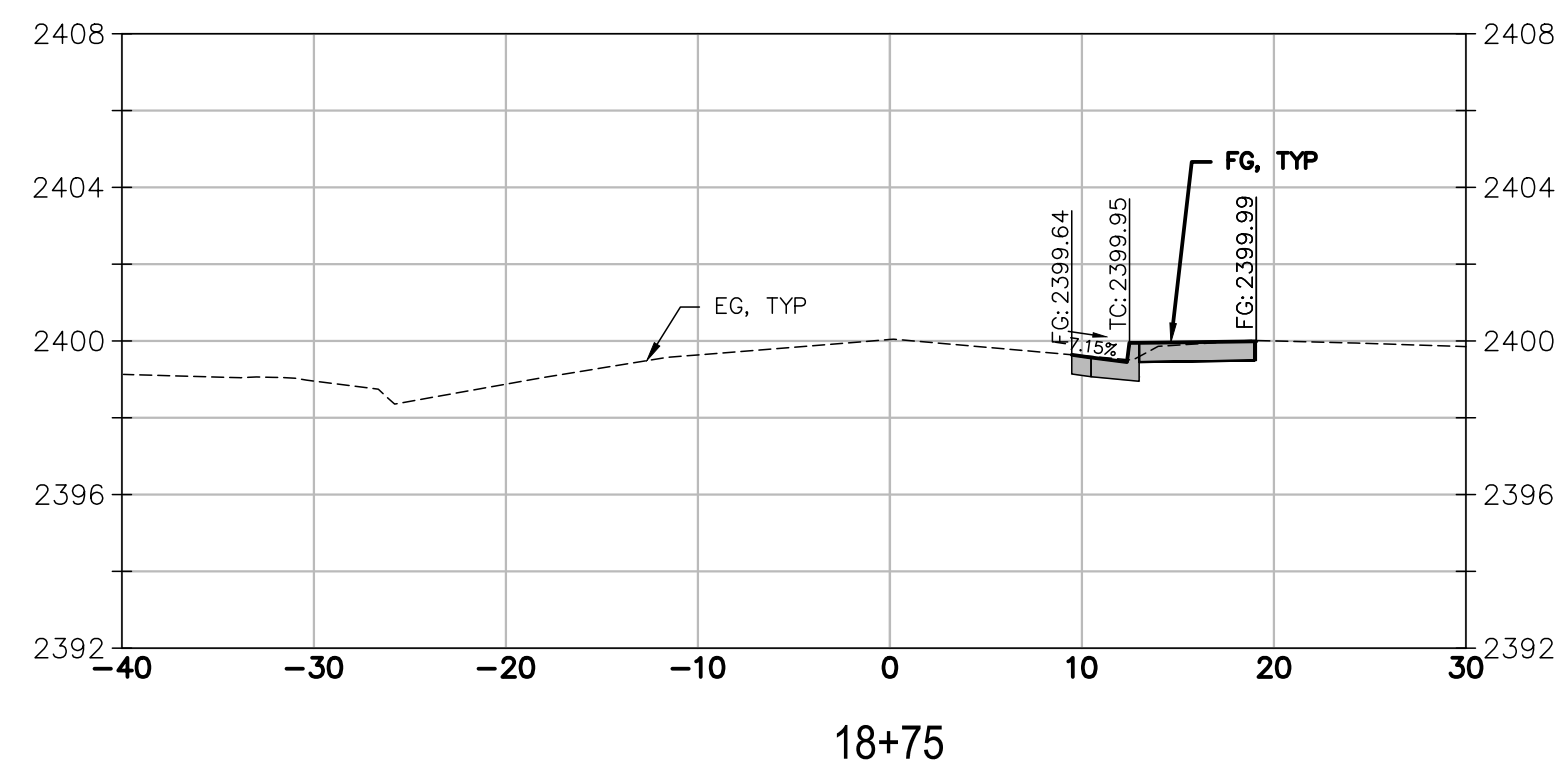
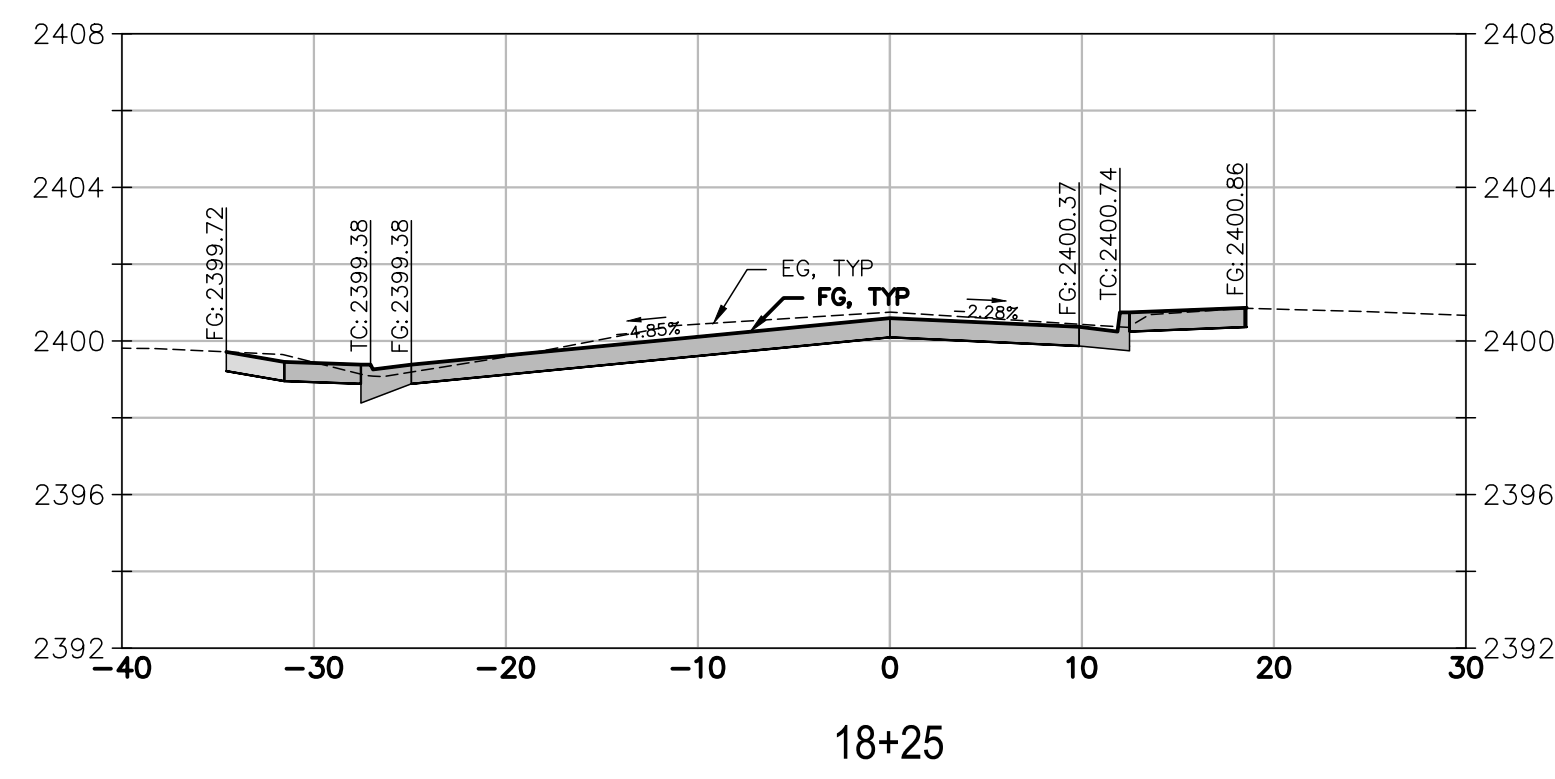
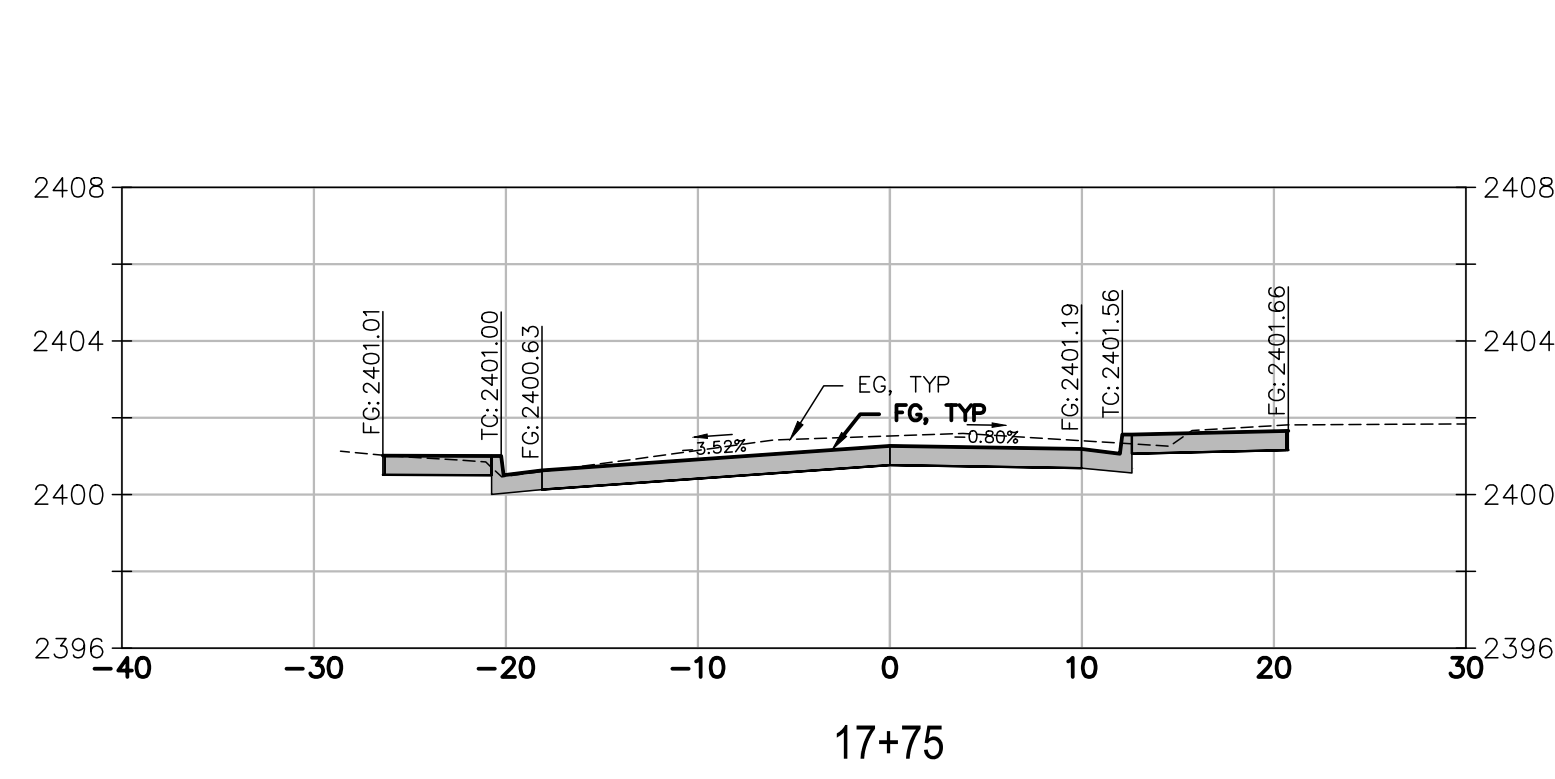
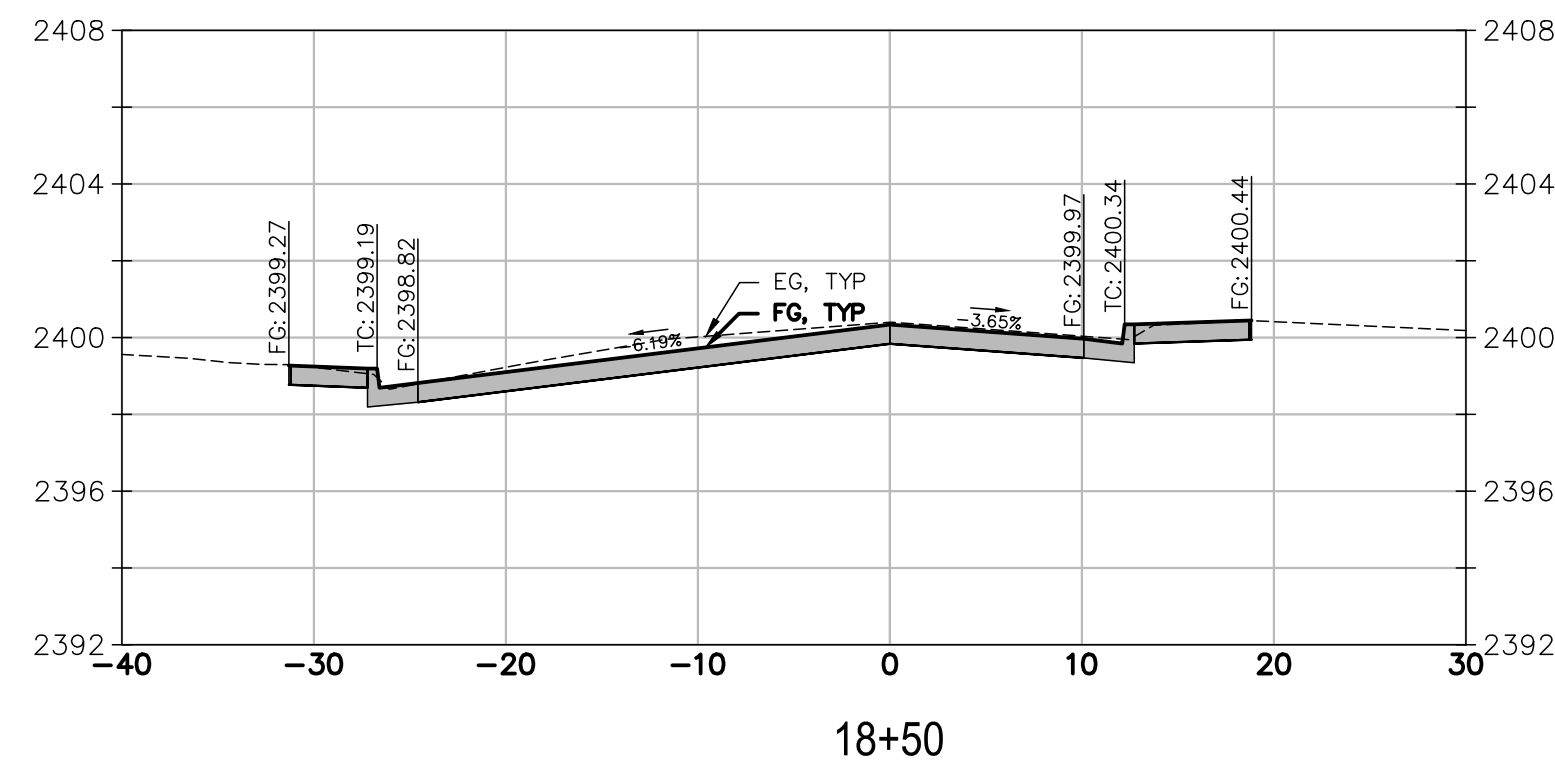
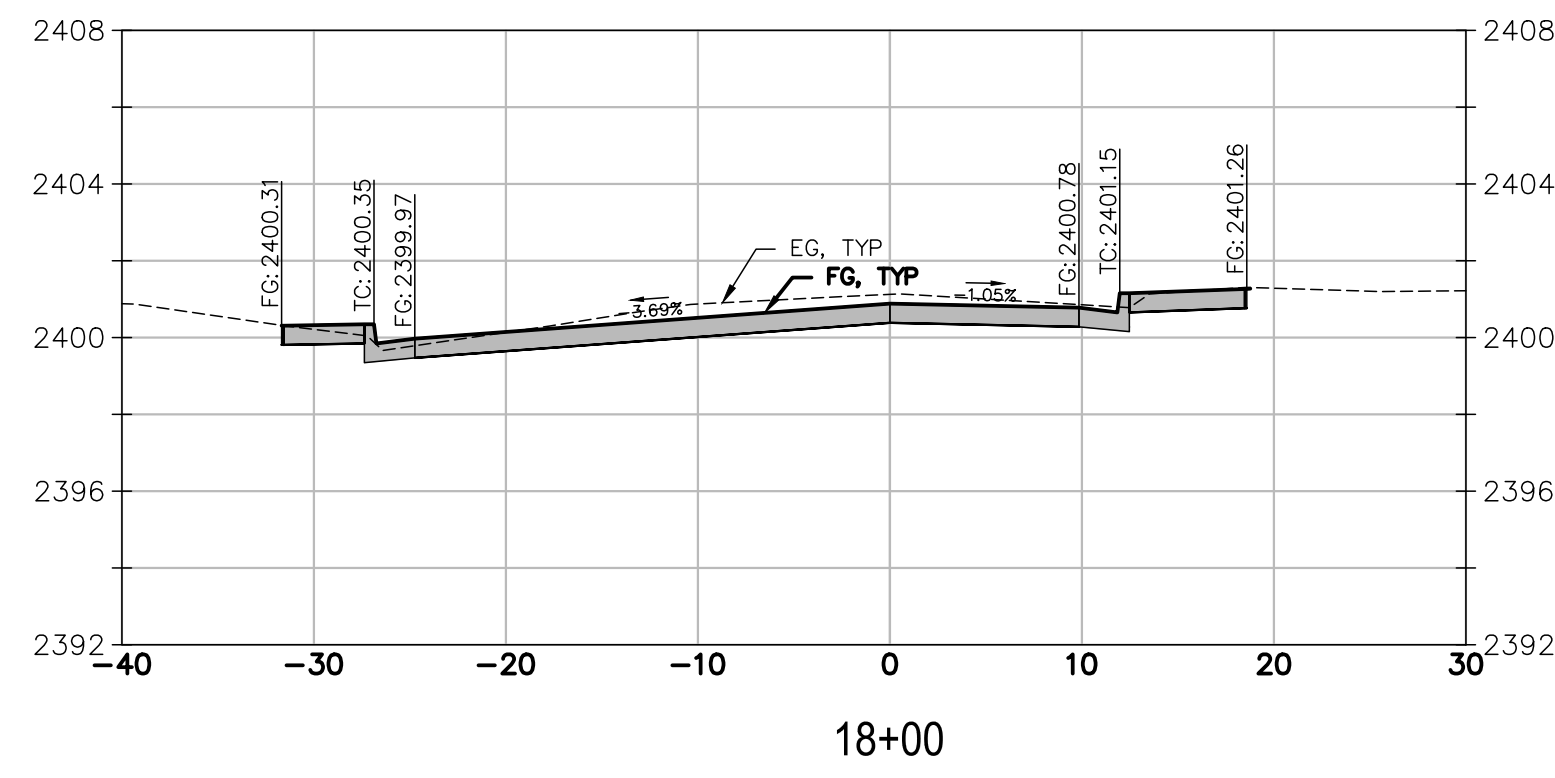
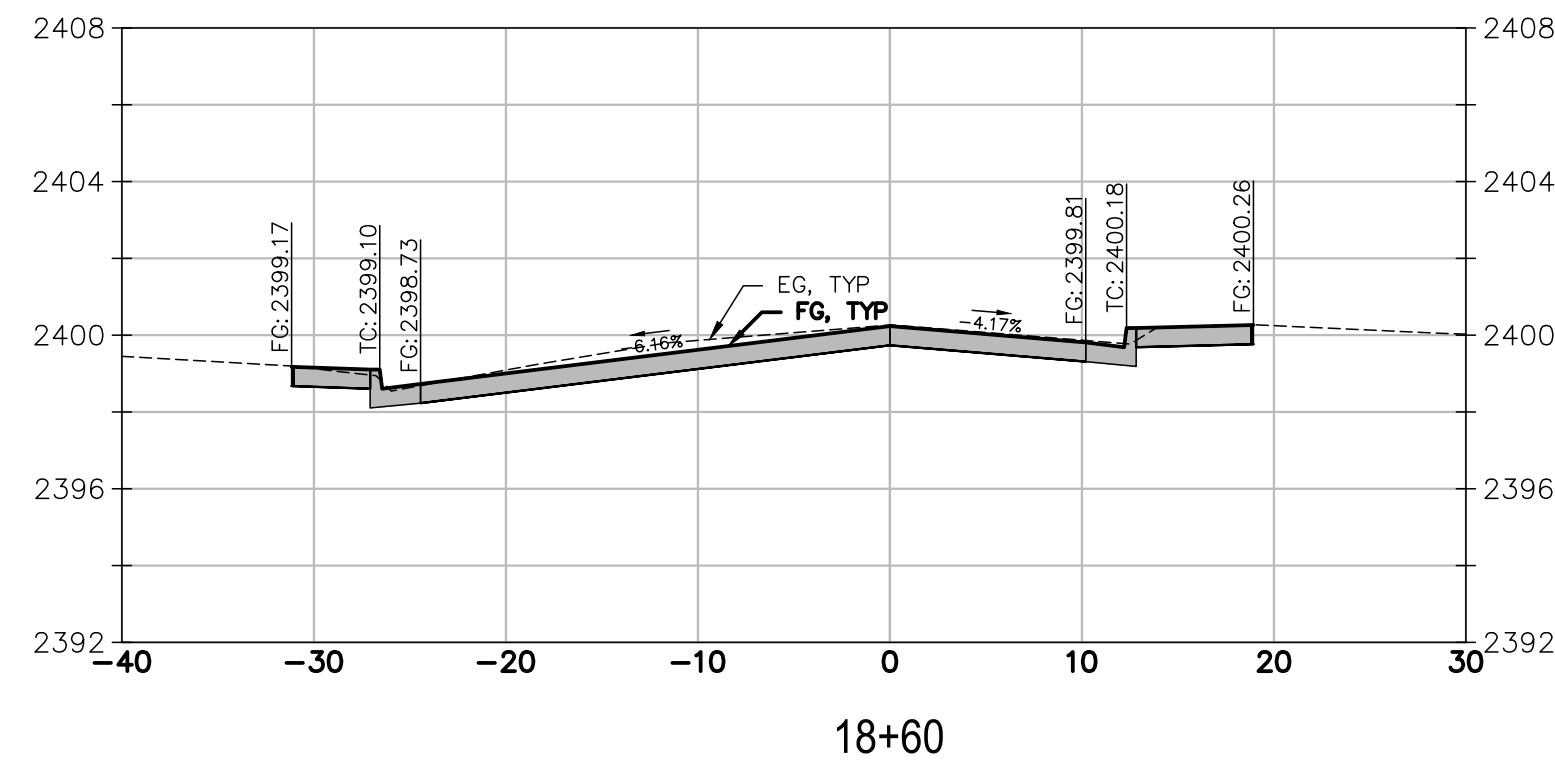
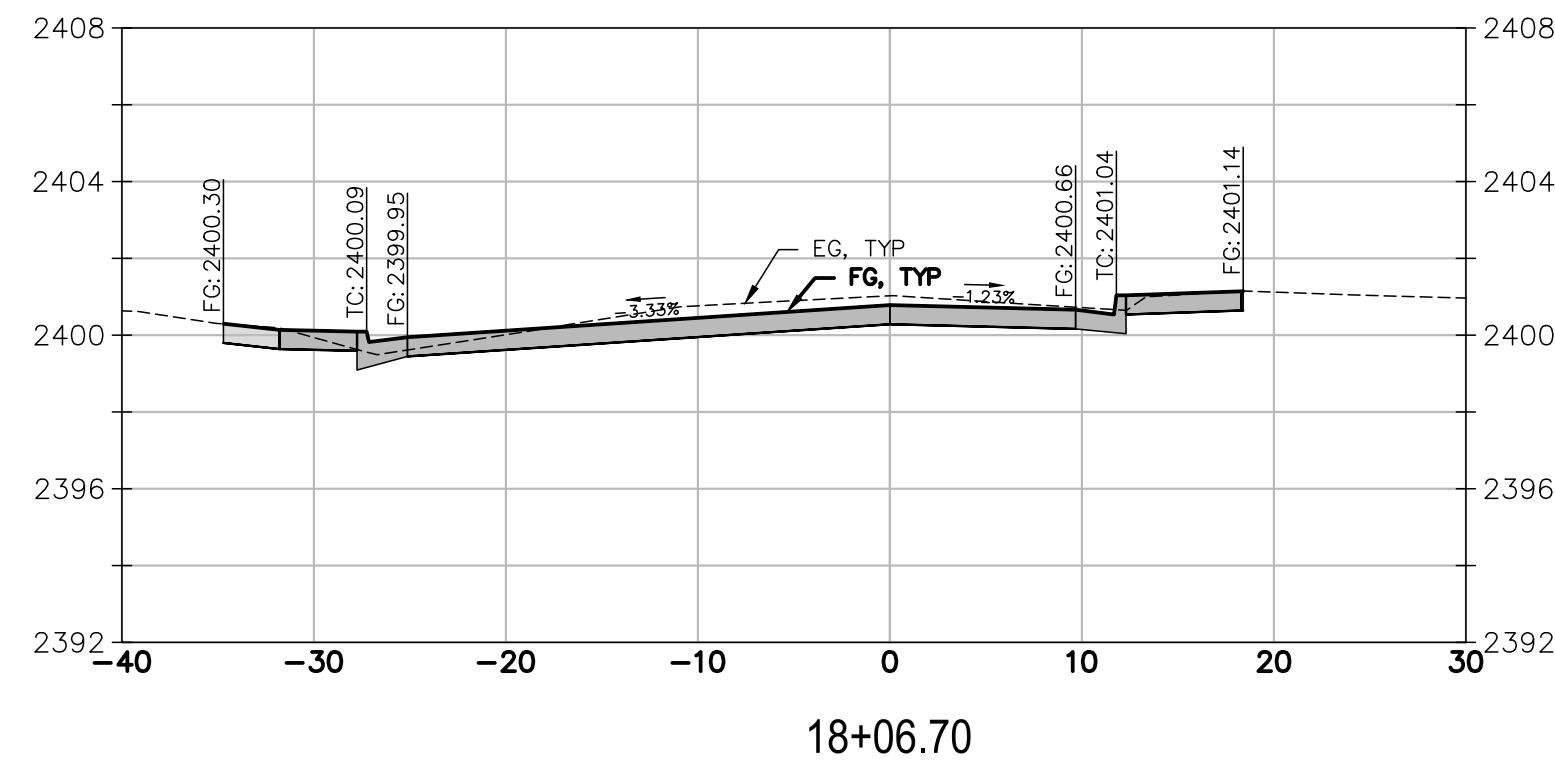
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CALIFORNIA
SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
GRASS VALLEY
GRADING SECTIONS 4
S. AUBURN STREET

PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
SHEET NUMBER
14 OF 29

FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

Path: X:\Engineering\CAD_Projects\565218_South_Auburn_Street\DWG\565218_Sections.dwg Layout Name: SECT 5 Plot Date: Nov 20, 2024 at 09:42 am



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaiza
 LAURIE M. LOAIZA - RCE 65951 DATE 11/20/2024
 DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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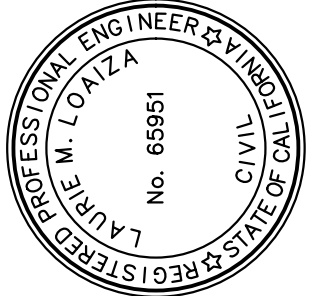
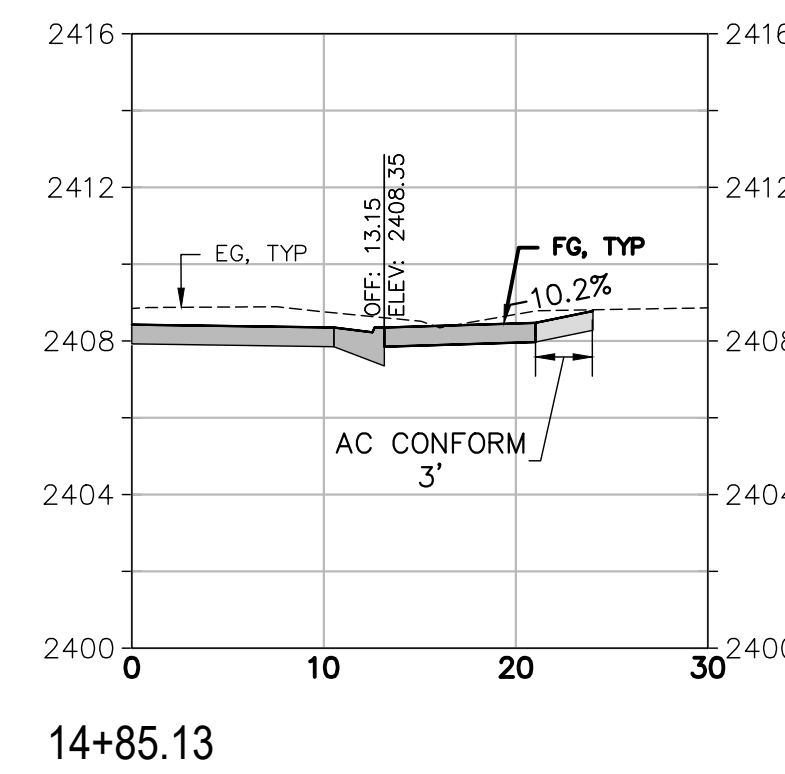
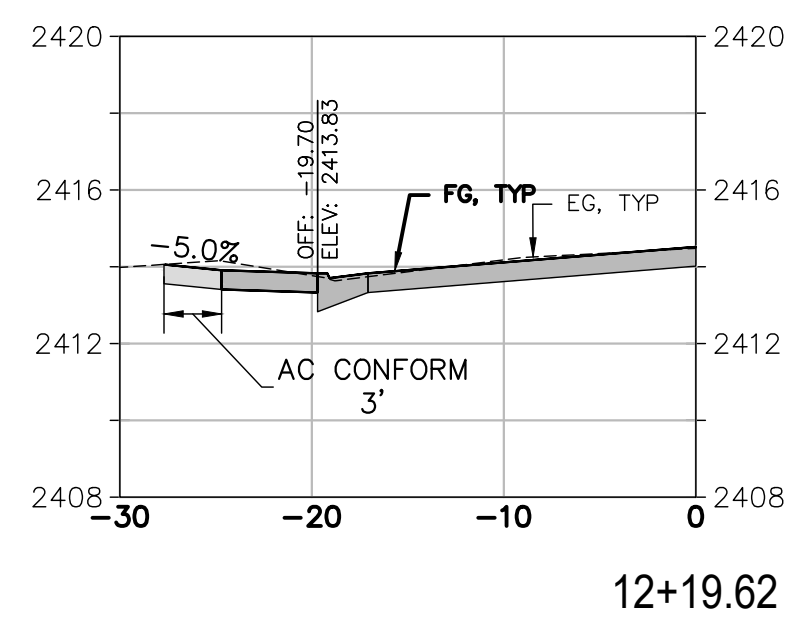
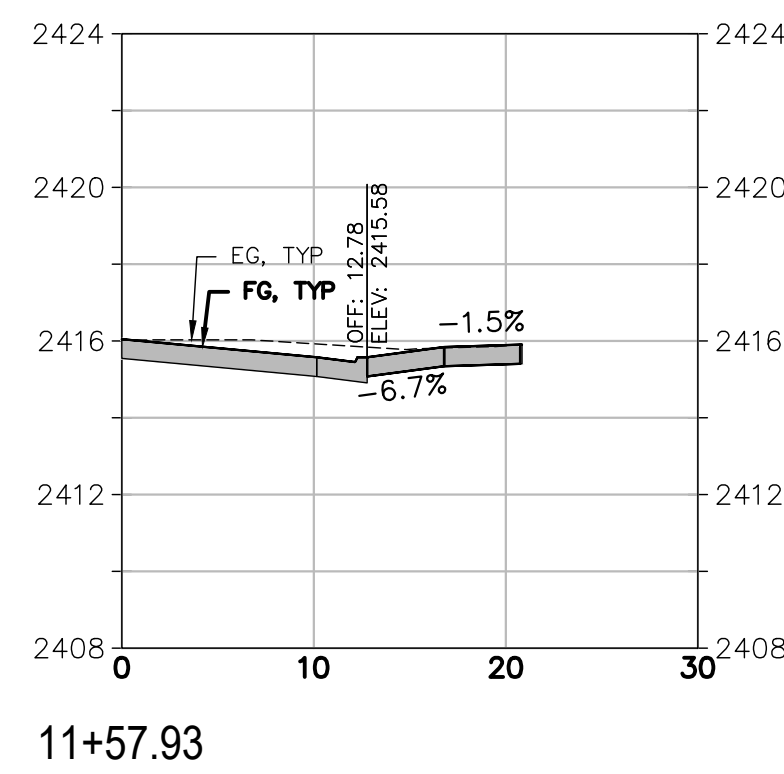
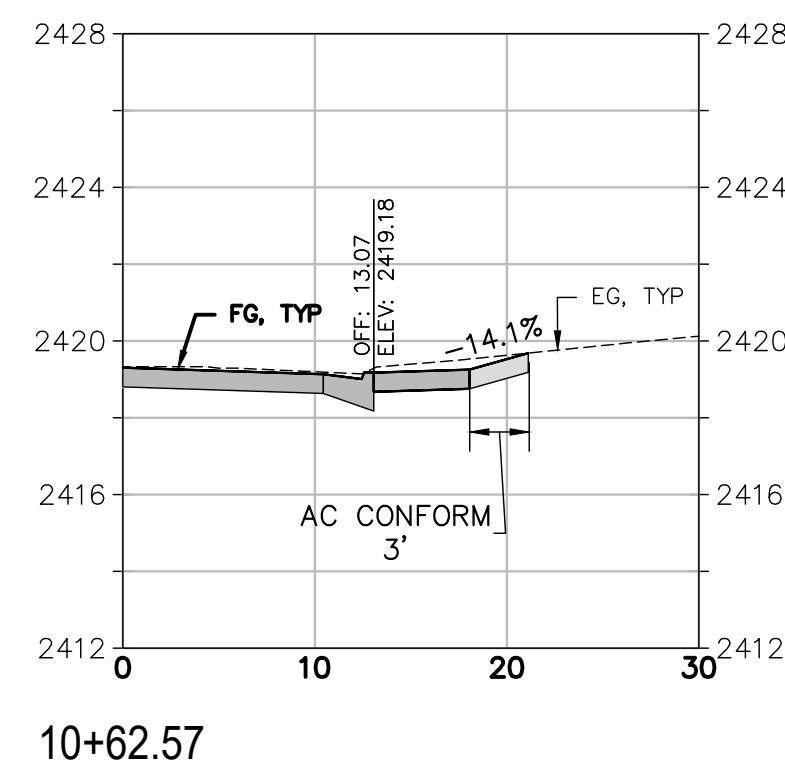
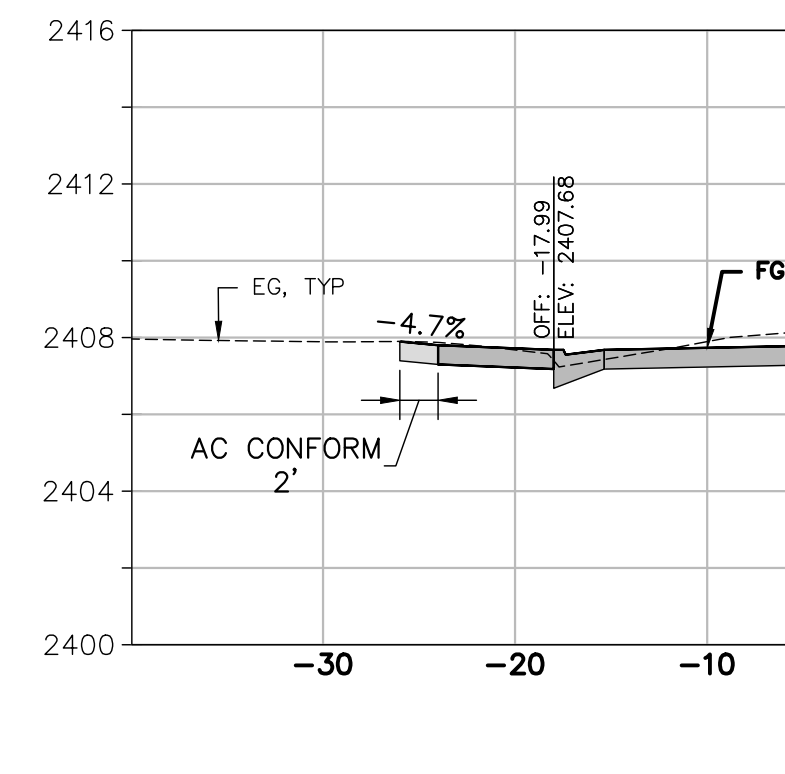
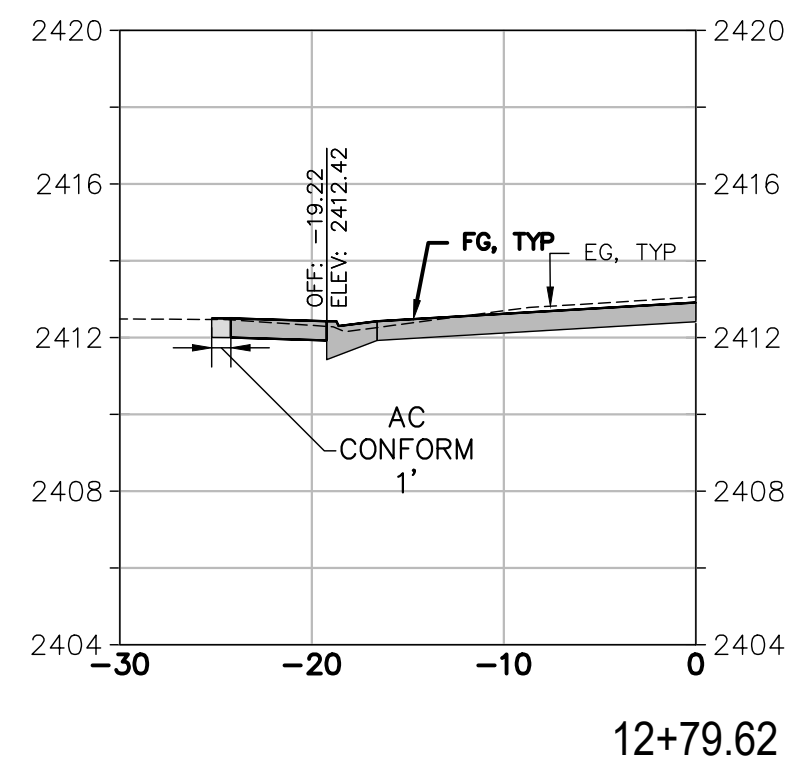
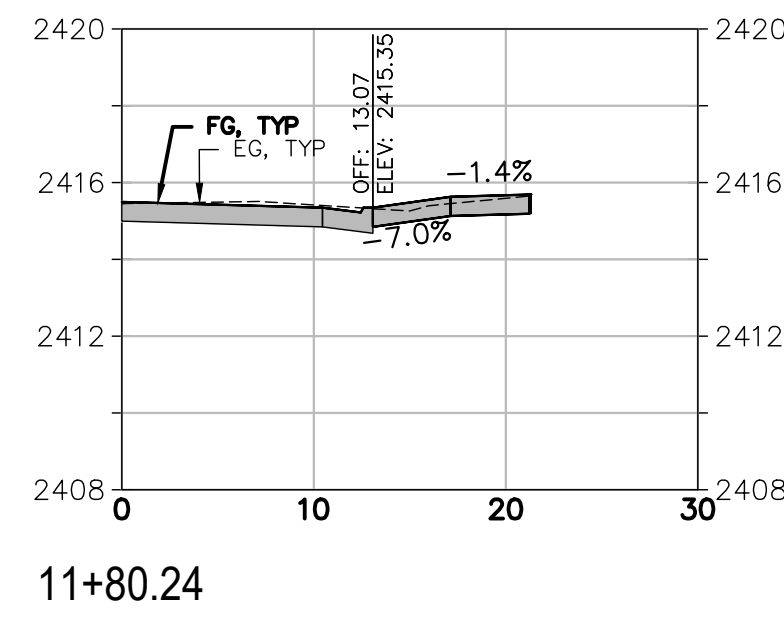
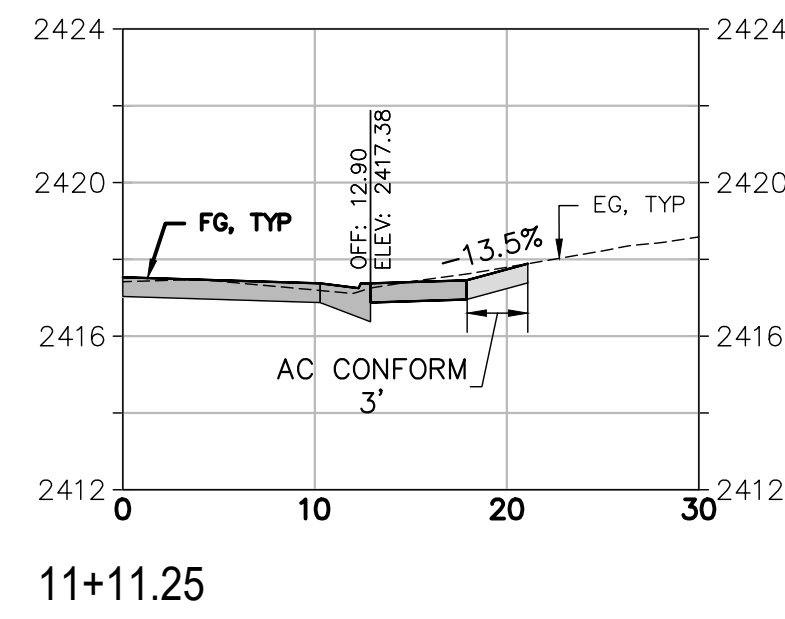
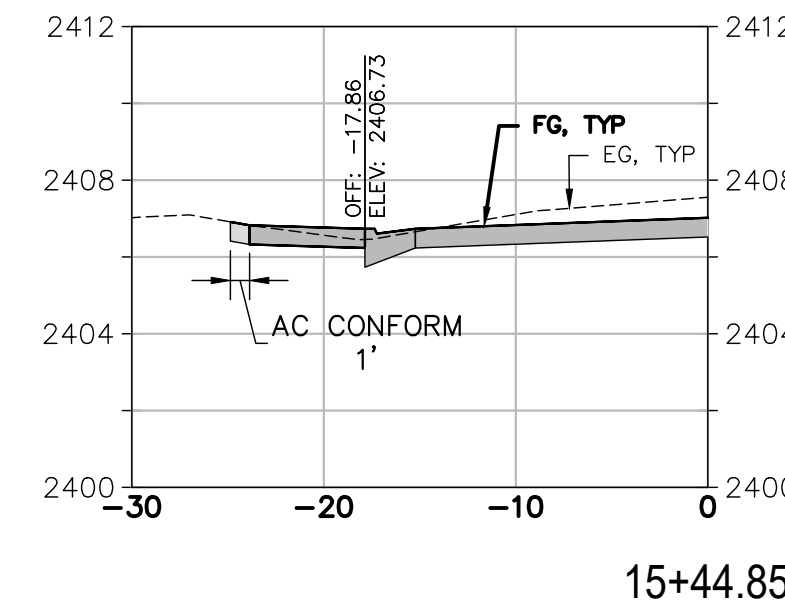
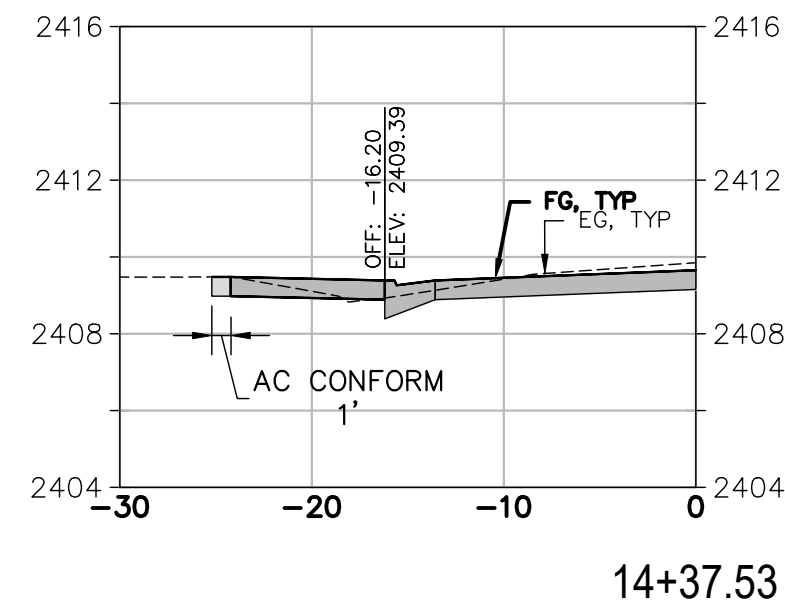
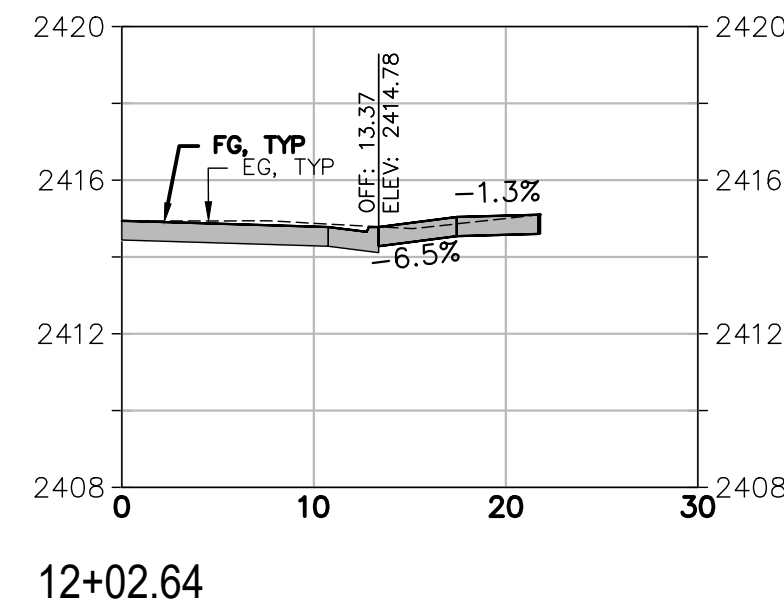
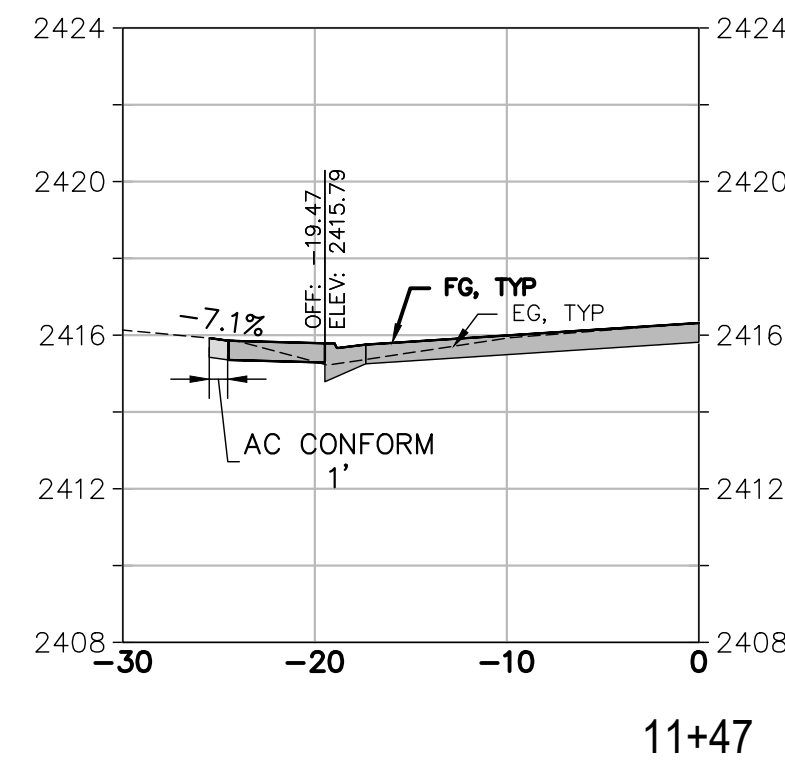
SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY CALIFORNIA
GRADING SECTIONS 5
S. AUBURN STREET

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
 15 OF 29

BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

Path: X:\Engineering\CAD\Projects\565218_South Auburn Street\DWG\565218_Sections.dwg Layout Name: SECT 6 Plot Date: Nov 20, 2024 at 09:06 am



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Laurie M. Loaiza
 LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
 DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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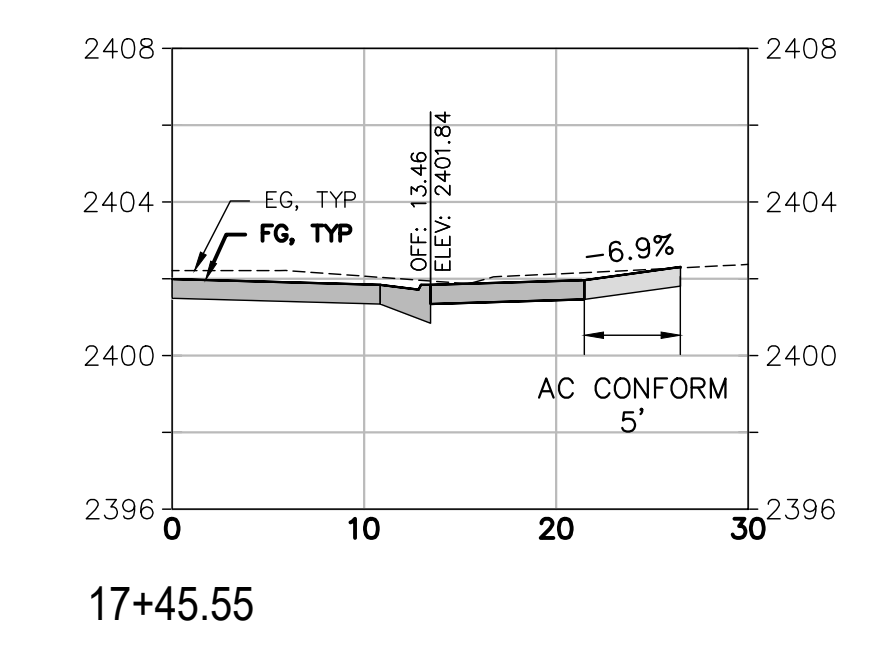
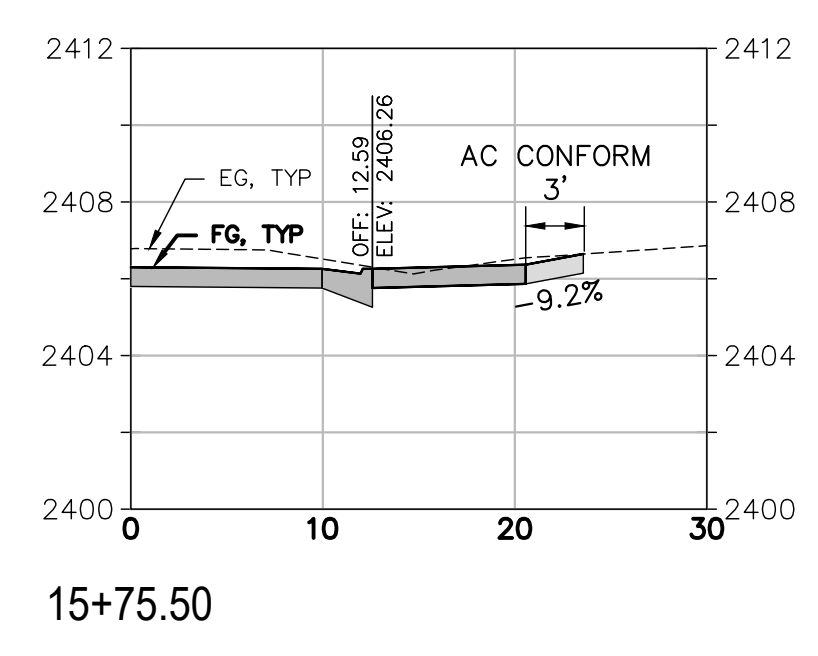
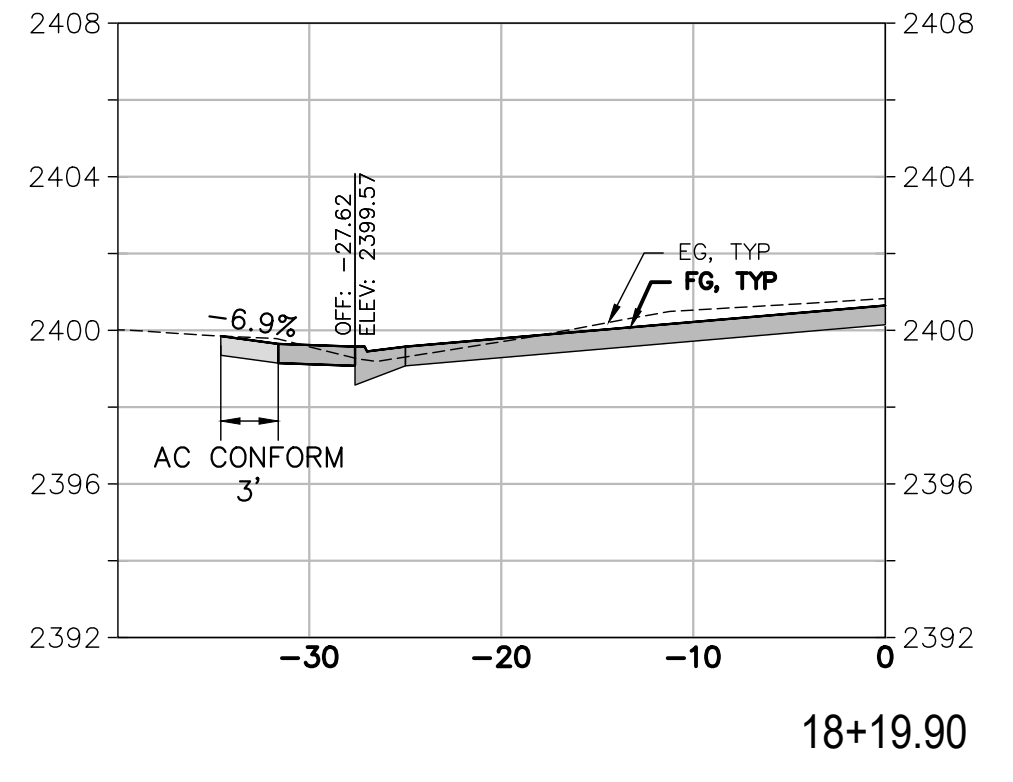
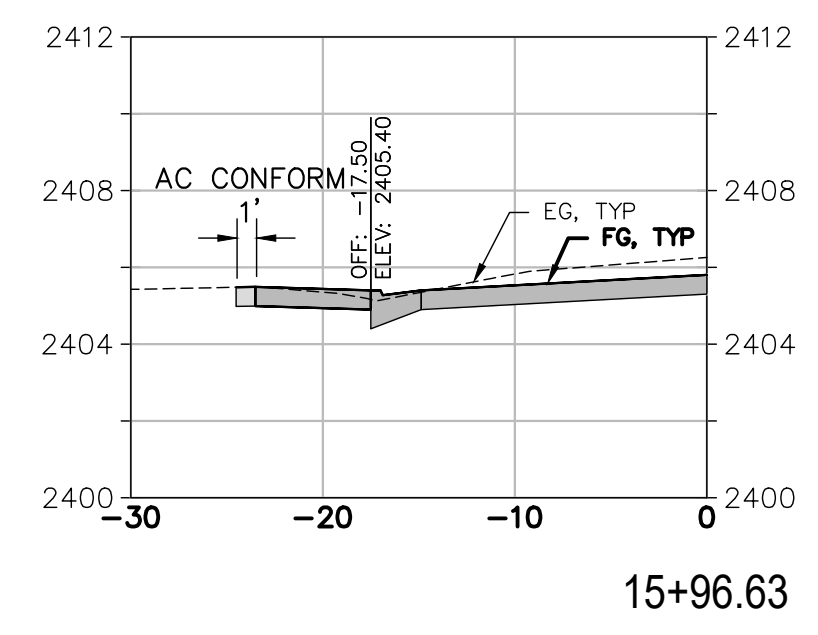
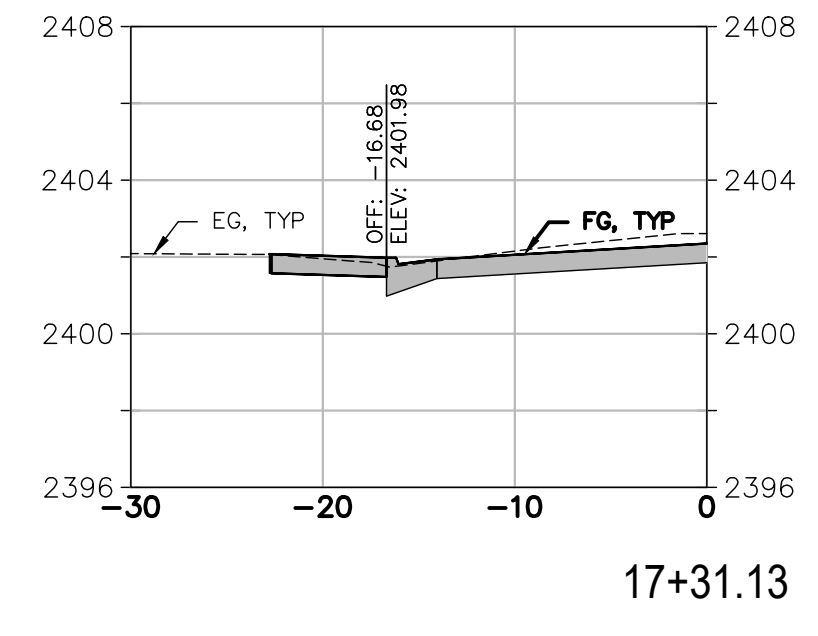
CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
GRADING SECTIONS 6
S. AUBURN DRIVEWAYS

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
 16 OF 29

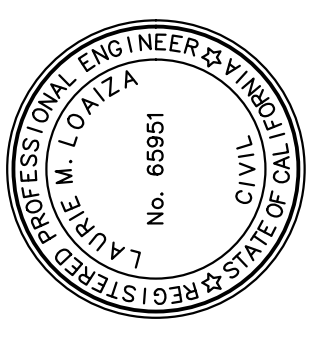
BID SET
 DATE: NOVEMBER 2024

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DATE: NOVEMBER 2024



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Laurie M. Loaiza
LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
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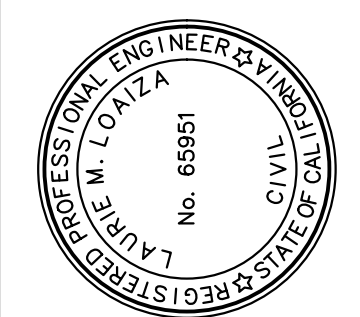
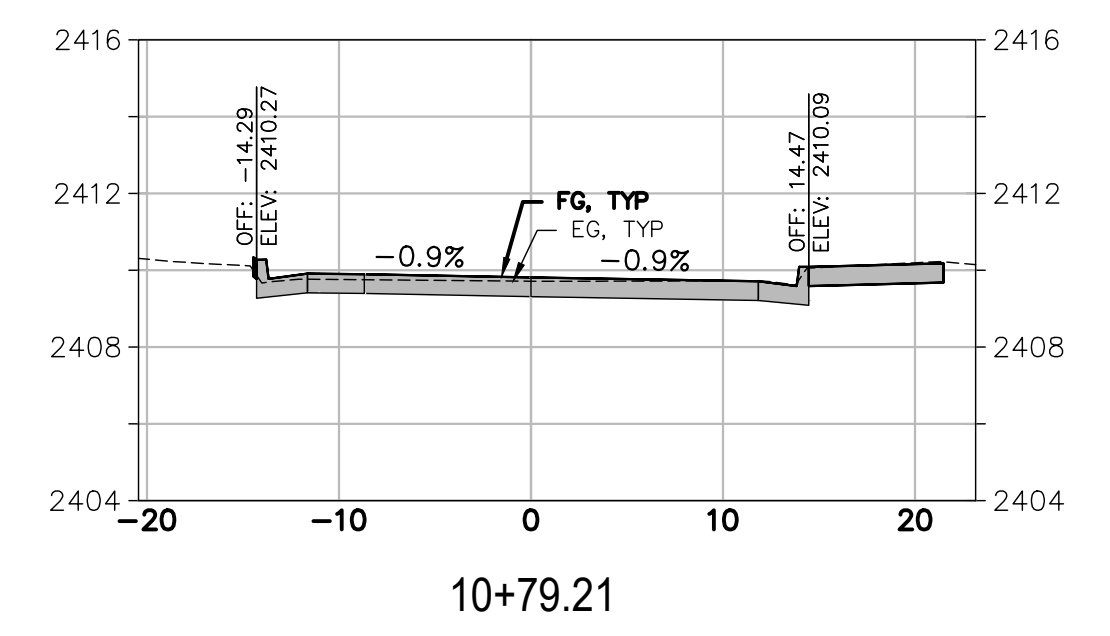
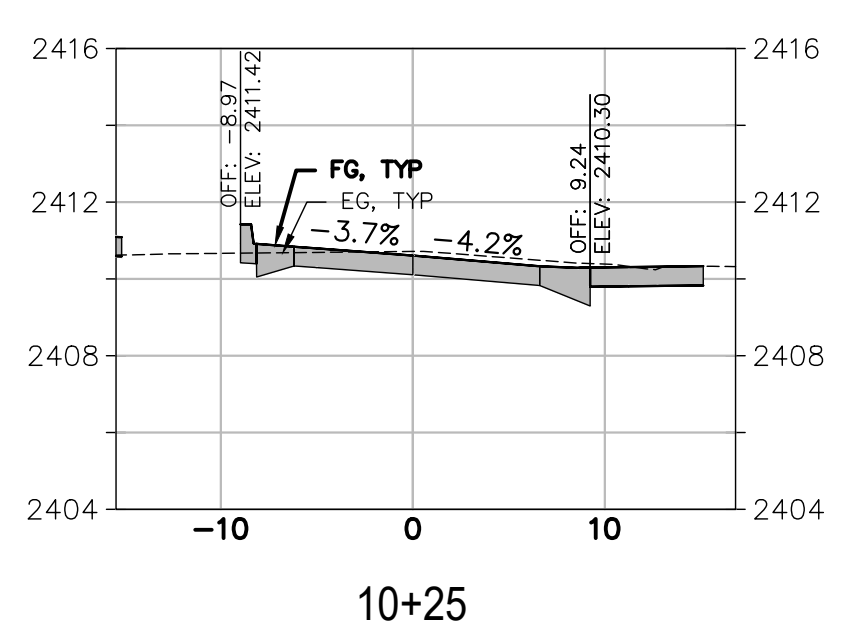
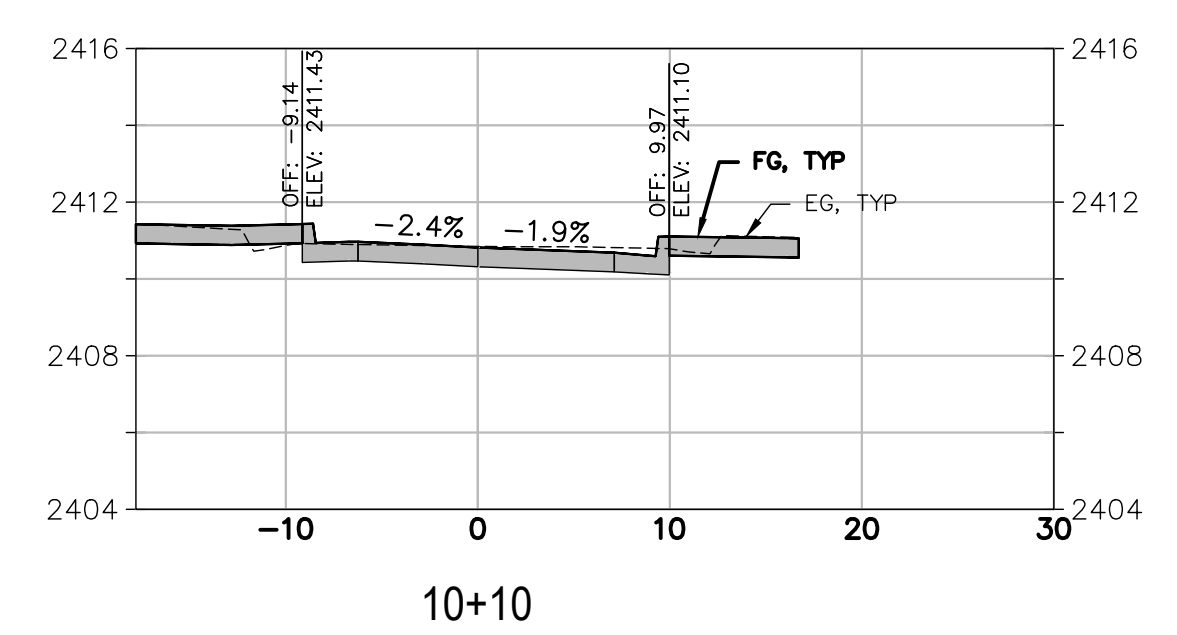
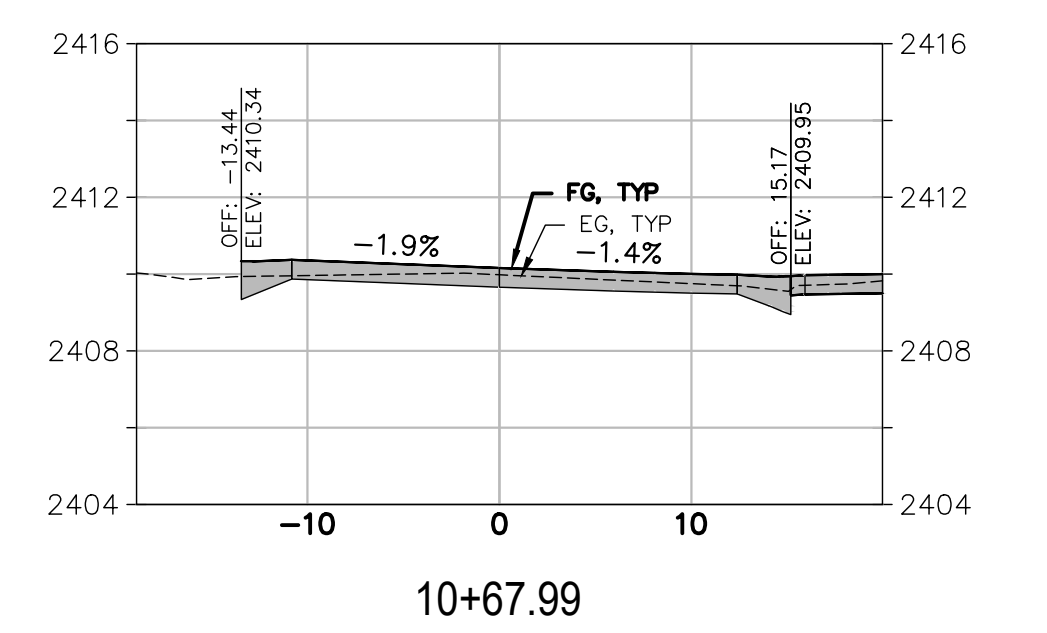
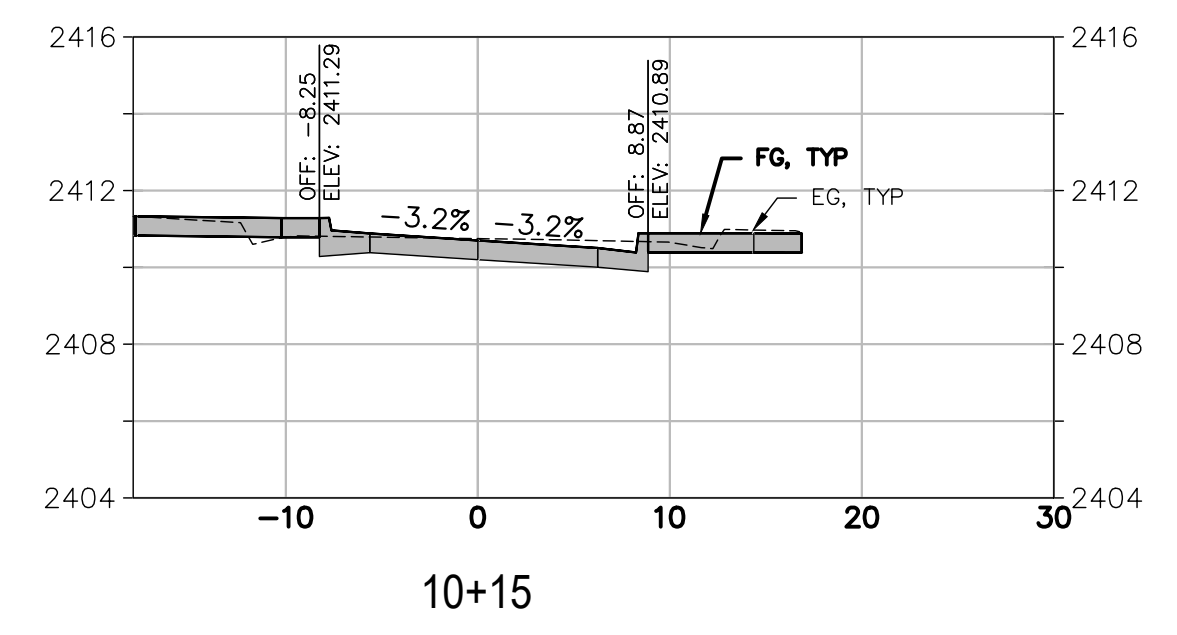
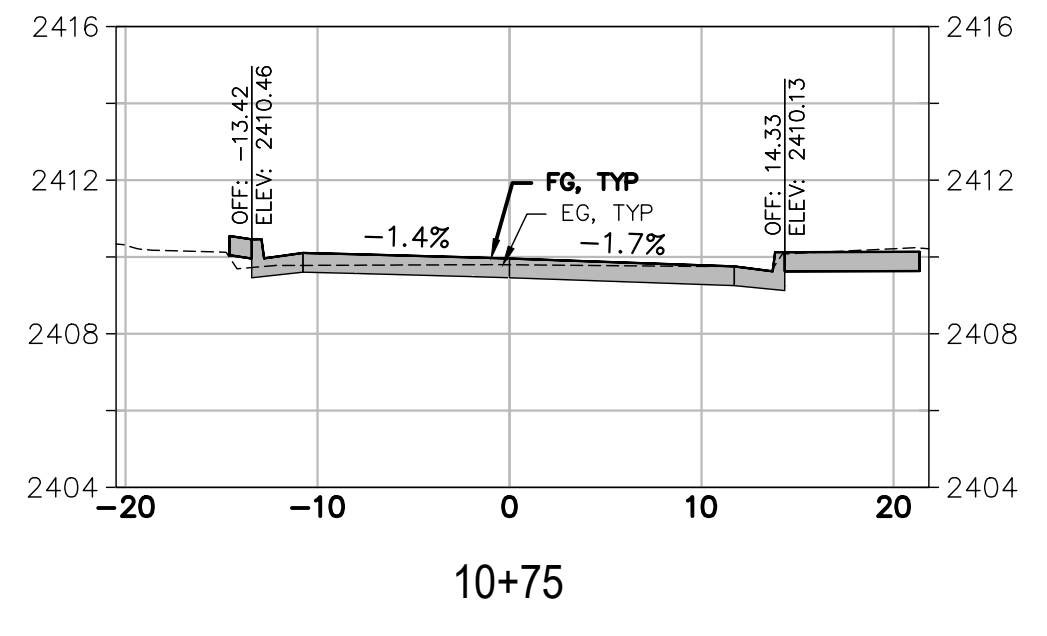
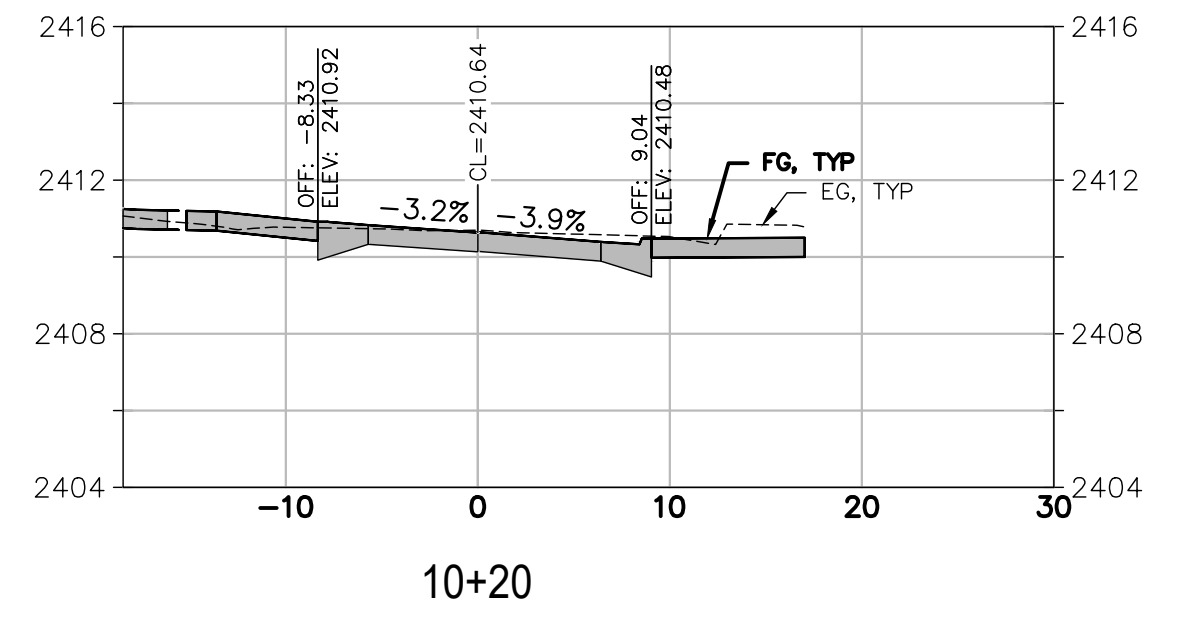
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SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
CALIFORNIA
GRASS VALLEY
GRADING SECTIONS 7
S. AUBURN DRIVEWAYS

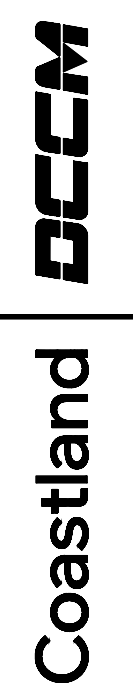
PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
SHEET NUMBER
17 OF 29

FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

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Laurie M. Loaiza
 LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
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SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 CALIFORNIA
 GRASS VALLEY

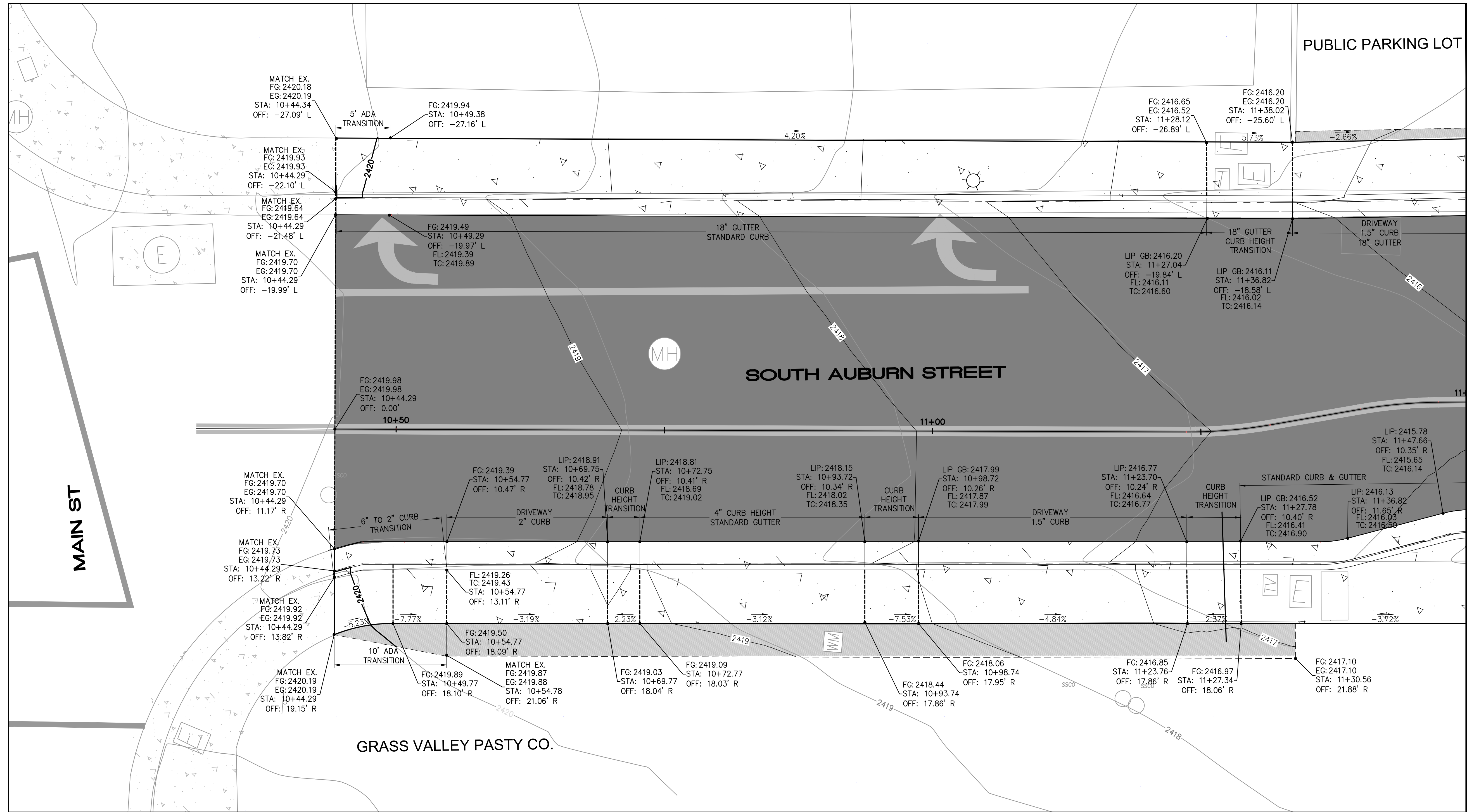
**GRADING SECTIONS 8
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PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
 18 OF 29

BID SET
 DATE: NOVEMBER 2024

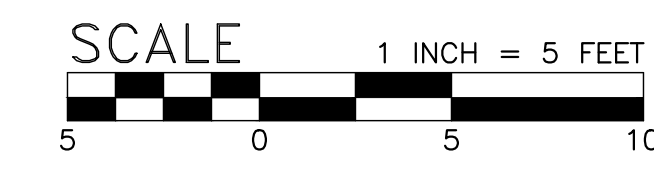
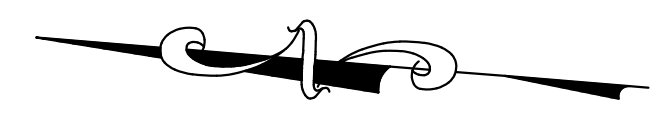
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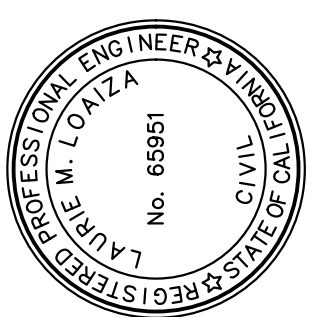


MATCHLINE STA 11+50 SEE SHEET 20

- NOTES:
- SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



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Laurie M. Loaiza
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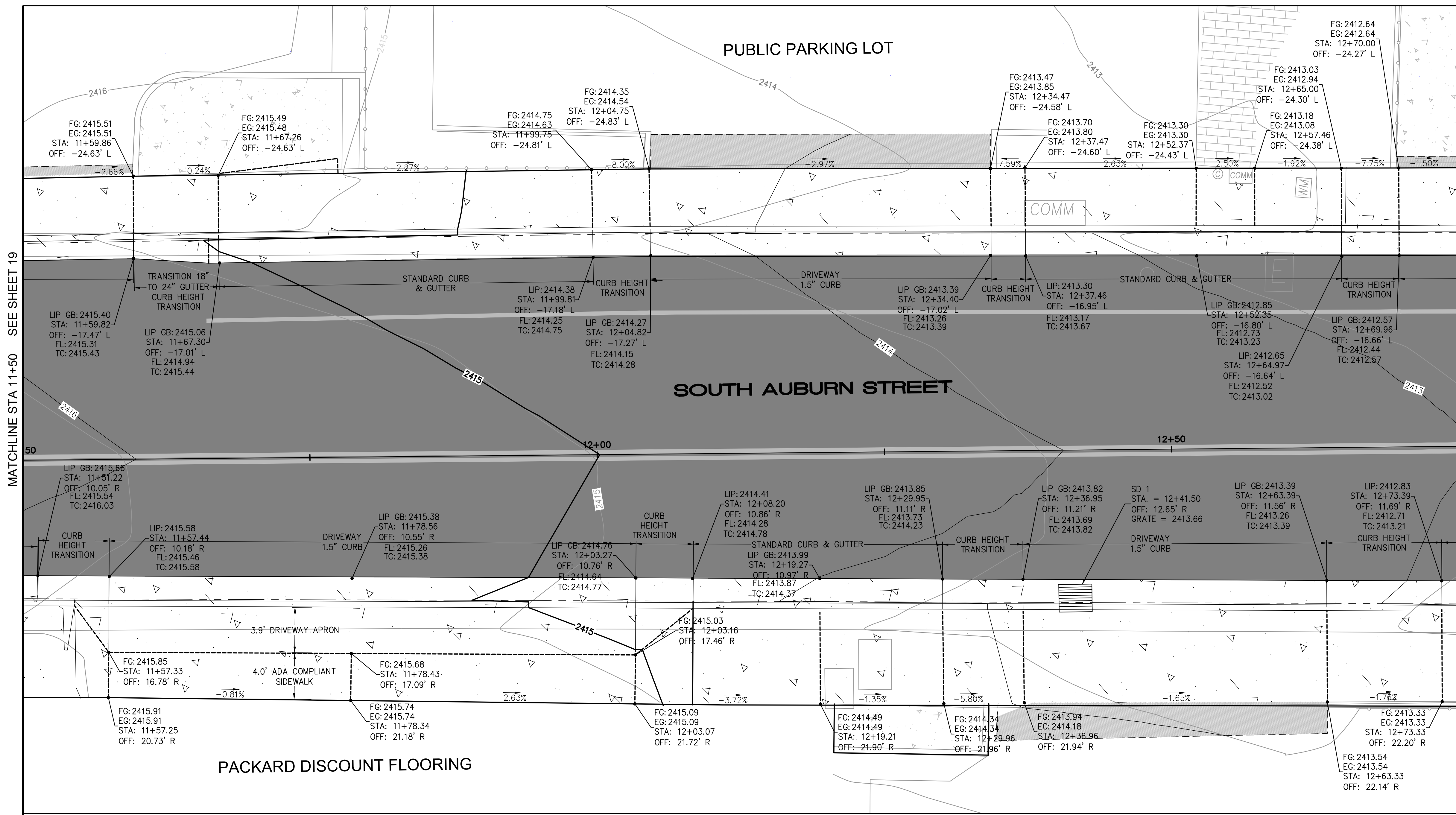
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SOUTH AUBURN STREET
PAVEMENT REPLACEMENT

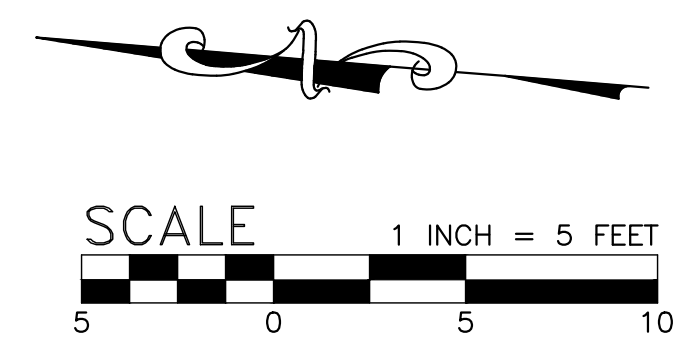
GRASS VALLEY
GRADING DETAILS 1
PROJECT NUMBER 565218
DRAWING DATE NOVEMBER 2024
SHEET NUMBER 19 OF 29

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

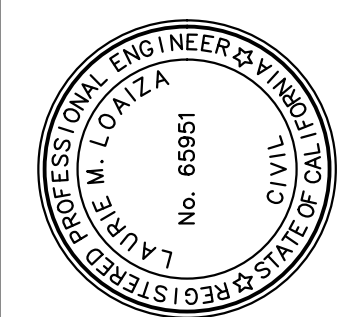
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NOTES:
 1. SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



BID SET
 DATE: NOVEMBER 2024



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 LAURIE M. LOALIZA, P.E.
 DATE: 11/20/2024
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CALIFORNIA
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 PAVEMENT REPLACEMENT
GRADING DETAILS 2

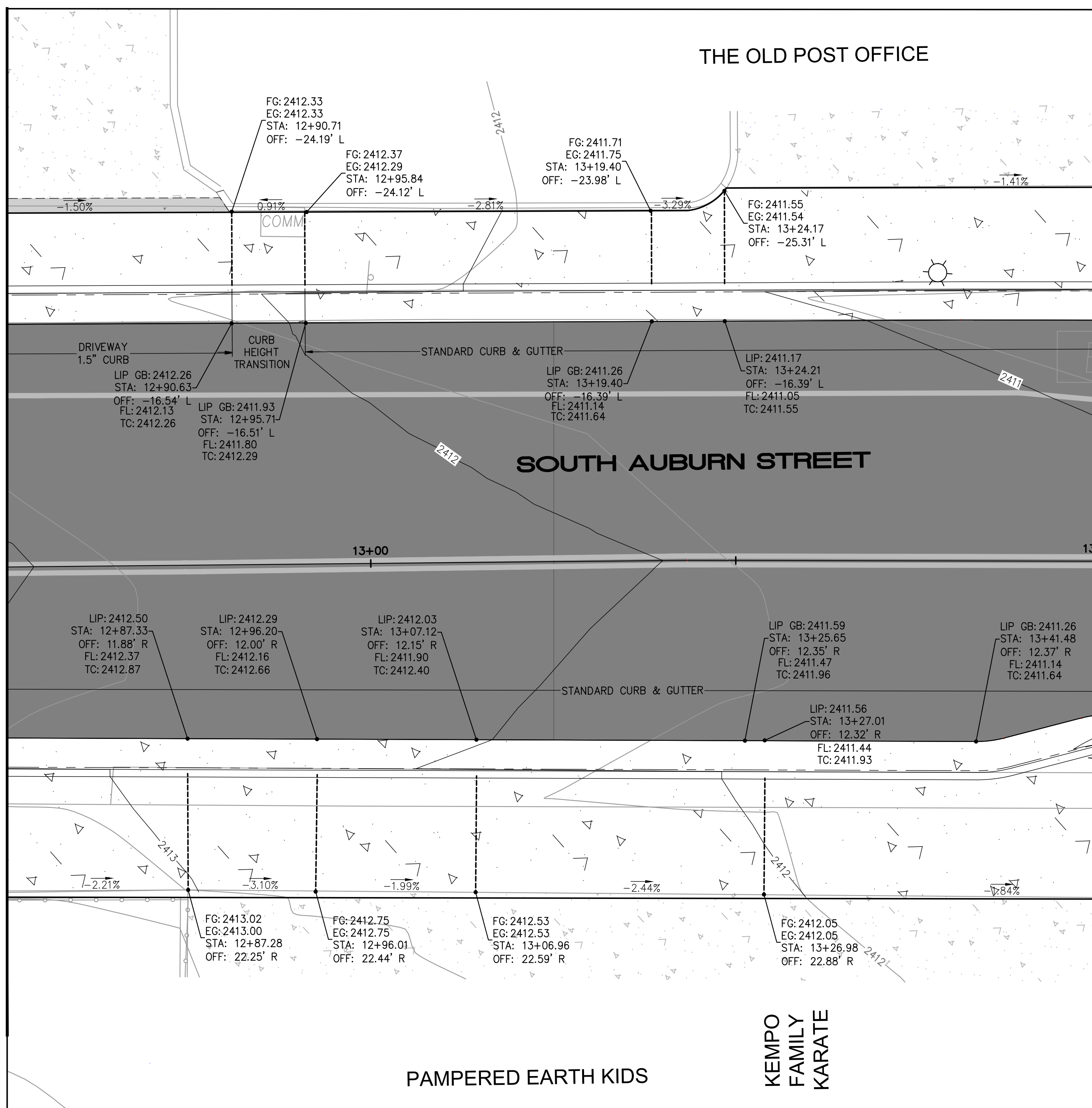
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 DRAWING DATE: NOVEMBER 2024
 SHEET NUMBER: 20 OF 29

FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

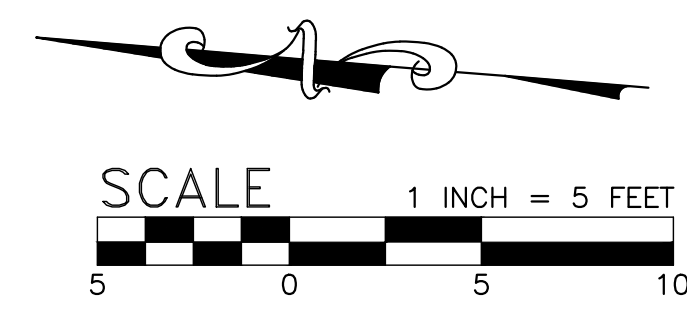
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MATCHLINE STA 12+75 SEE SHEET 20

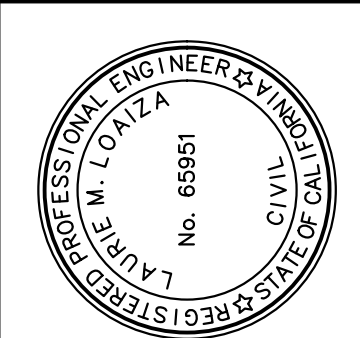
MATCHLINE STA 13+50 SEE SHEET 22



- NOTES:
- SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



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DATE: NOVEMBER 2024



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LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
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SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
GRADING DETAILS 3

GRASS VALLEY

PROJECT NUMBER
565218

DRAWING DATE
NOVEMBER 2024

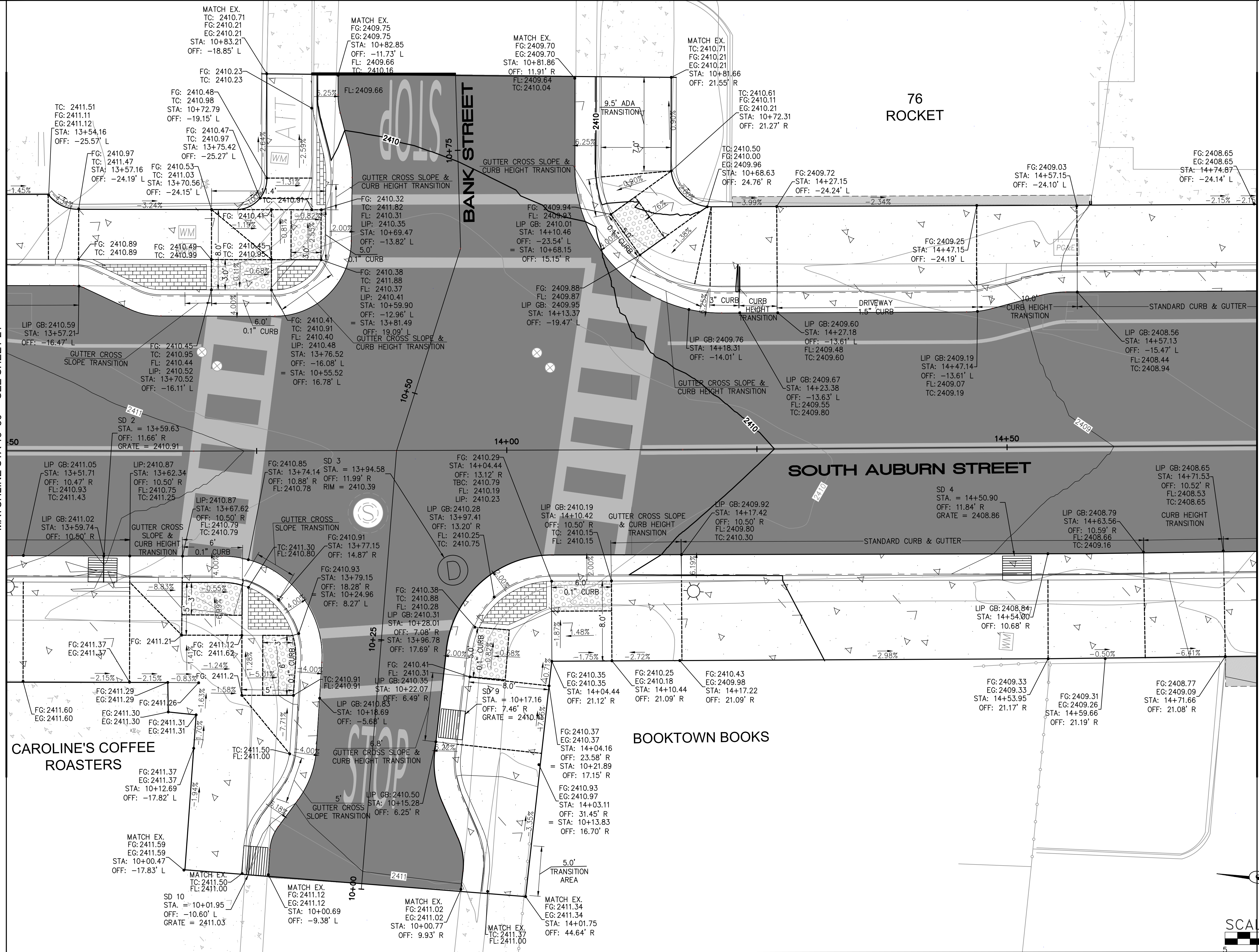
SHEET NUMBER
21 OF **29**

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

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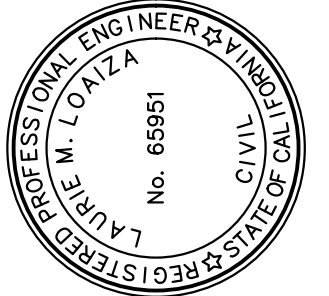
MATCHLINE STA 13+50 SEE SHEET 21

MATCHLINE STA 14+75 SEE SHEET 23



NOTES:

- 1. SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



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 LAURIE M. LOALIZA
 PROFESSIONAL ENGINEER - CIVIL
 No. 69951
 DATE: 11/20/2024
 DRAWN BY: ERG
 REVIEWED BY: DHS/LML

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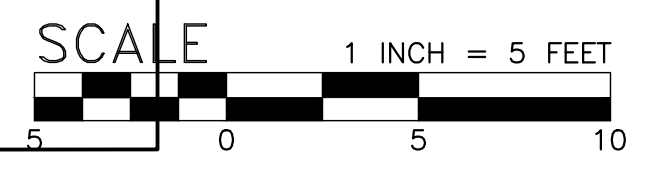
SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
GRADING DETAILS 4

GRASS VALLEY

PROJECT NUMBER
565218

DRAWING DATE
NOVEMBER 2024

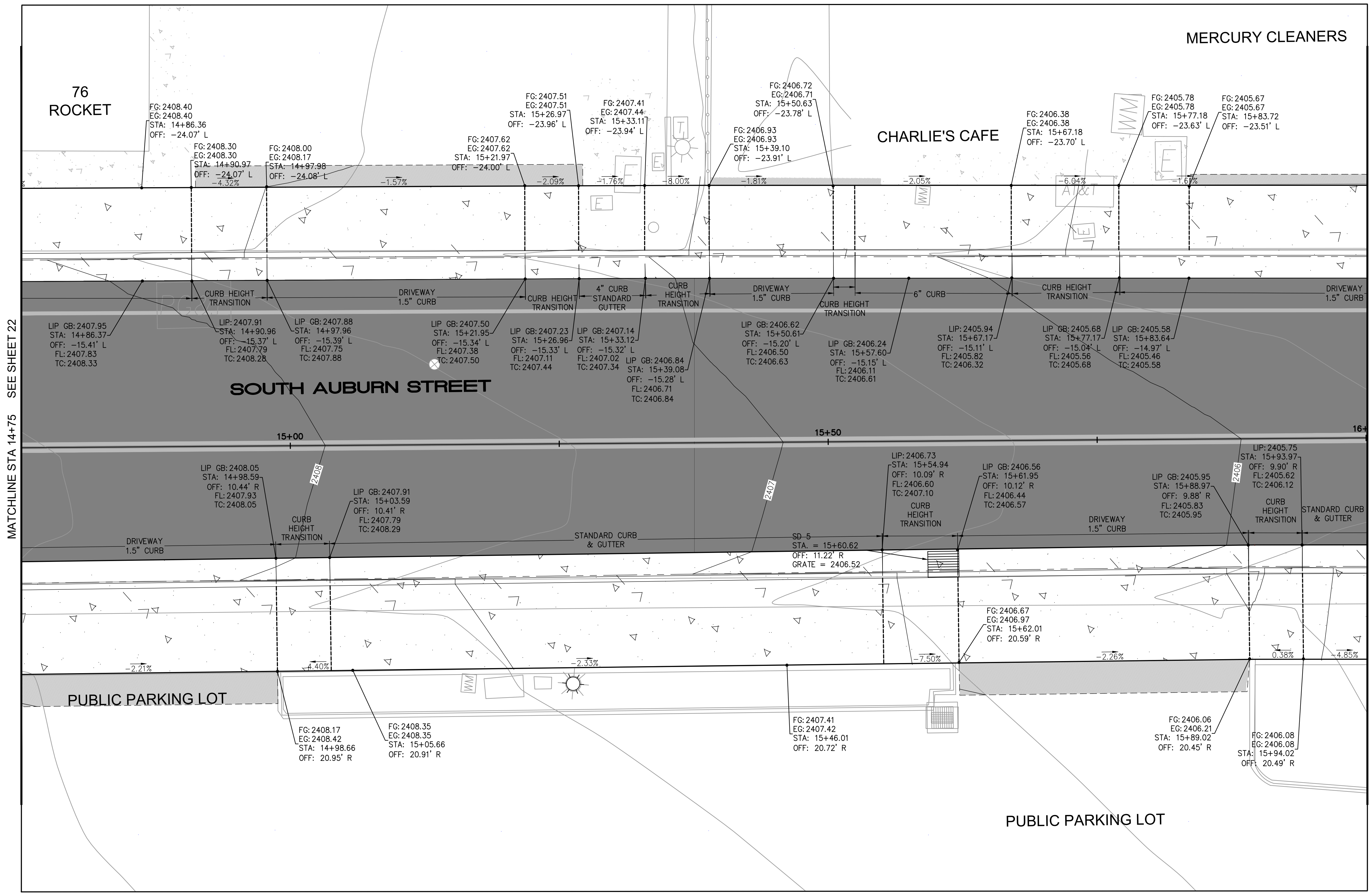
SHEET NUMBER
22 OF 29



BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

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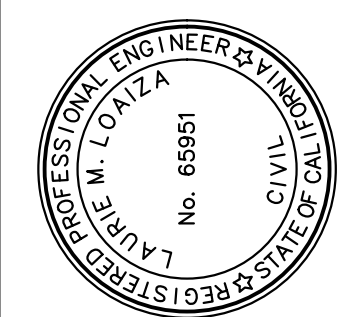


NOTES:
 1. SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



MATCHLINE STA 14+75 SEE SHEET 22

MATCHLINE STA 16+00 SEE SHEET 24



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOAIZA
 No. 69951
 CIVIL ENGINEER
 STATE OF CALIFORNIA
 DATE: 11/20/2024
 DRAWN BY: ERG
 REVIEWED BY: DRS/LML

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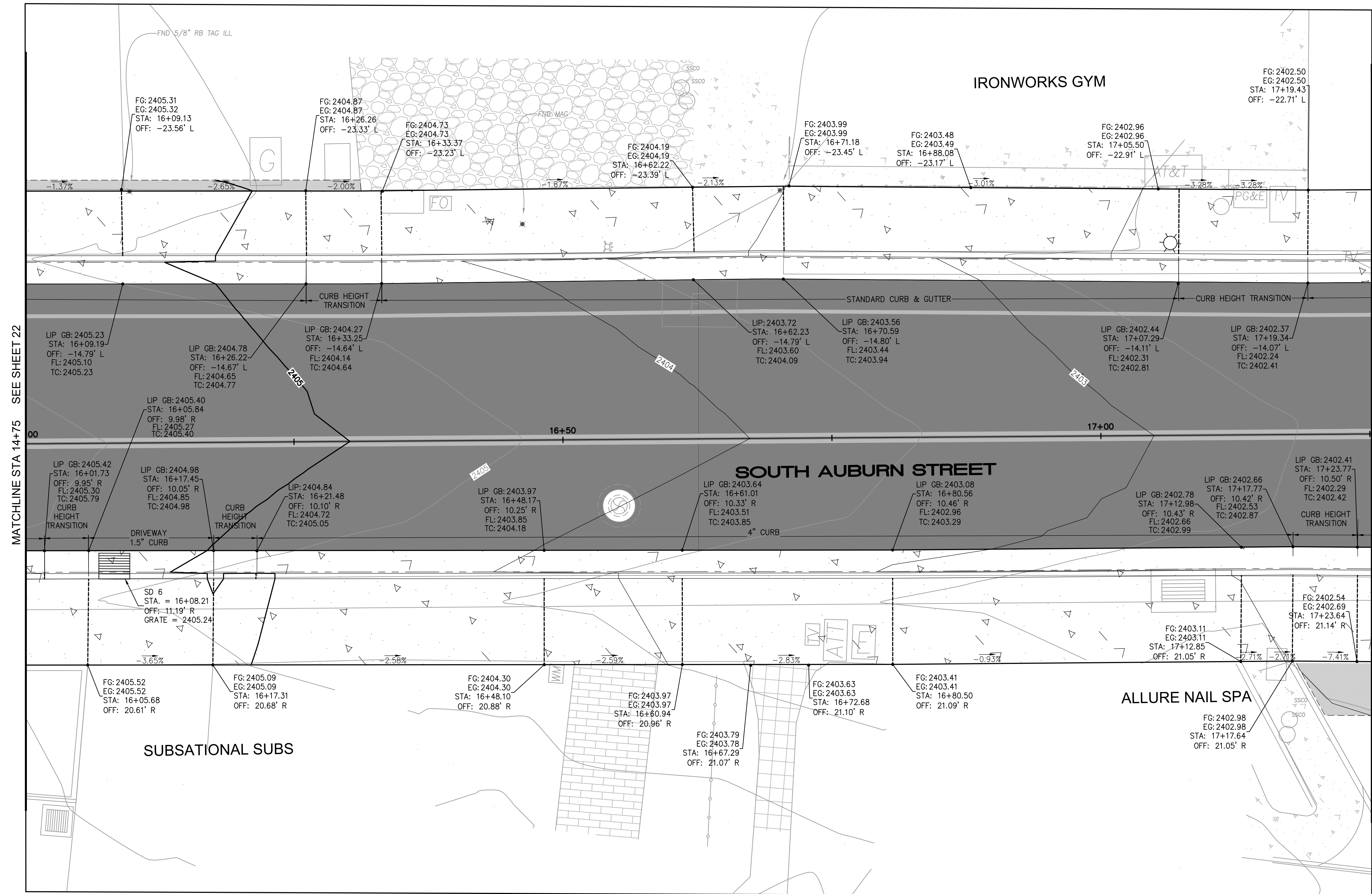
CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
GRADING DETAILS 5

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
23 OF 29

BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

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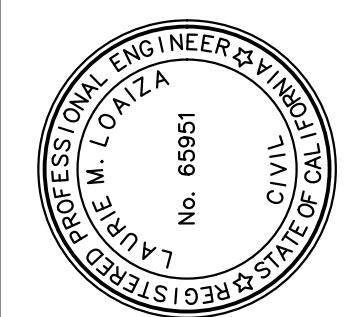
MATCHLINE STA 14+75 SEE SHEET 22

MATCHLINE STA 16+00 SEE SHEET 24

NOTES:
 1. SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



BID SET
 DATE: NOVEMBER 2024



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOALIZA
 11/20/2024
 LAURIE M. LOALIZA, RCE 65951 DATE
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SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT

GRASS VALLEY

GRADING DETAILS 6

PROJECT NUMBER
 565218

DRAWING DATE
 NOVEMBER 2024

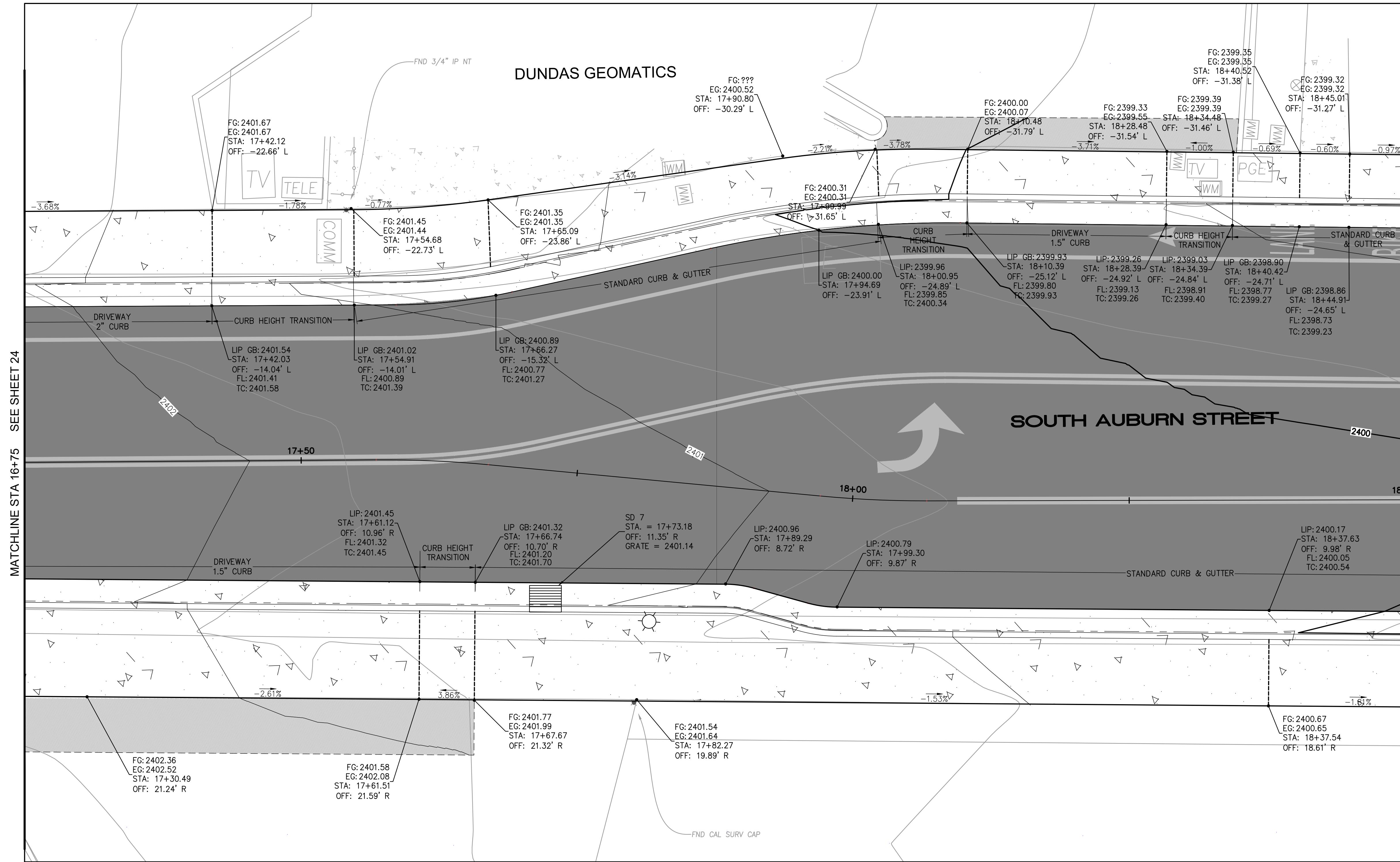
SHEET NUMBER
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FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

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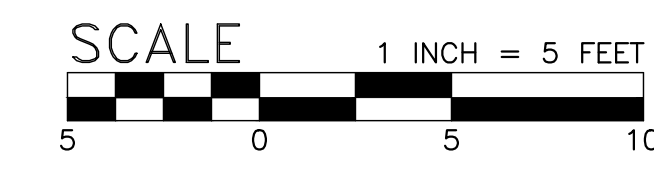
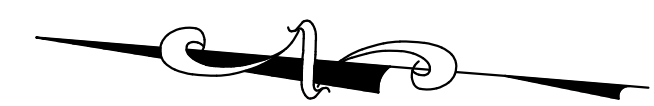
MATCHLINE STA 16+75 SEE SHEET 24

MATCHLINE STA 18+50 SEE SHEET 25

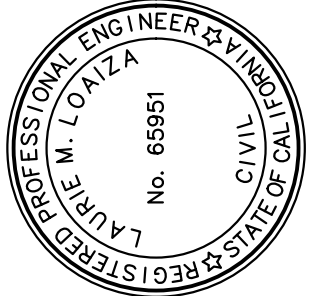


NOTES:

- SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



BID SET
DATE: NOVEMBER 2024



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LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
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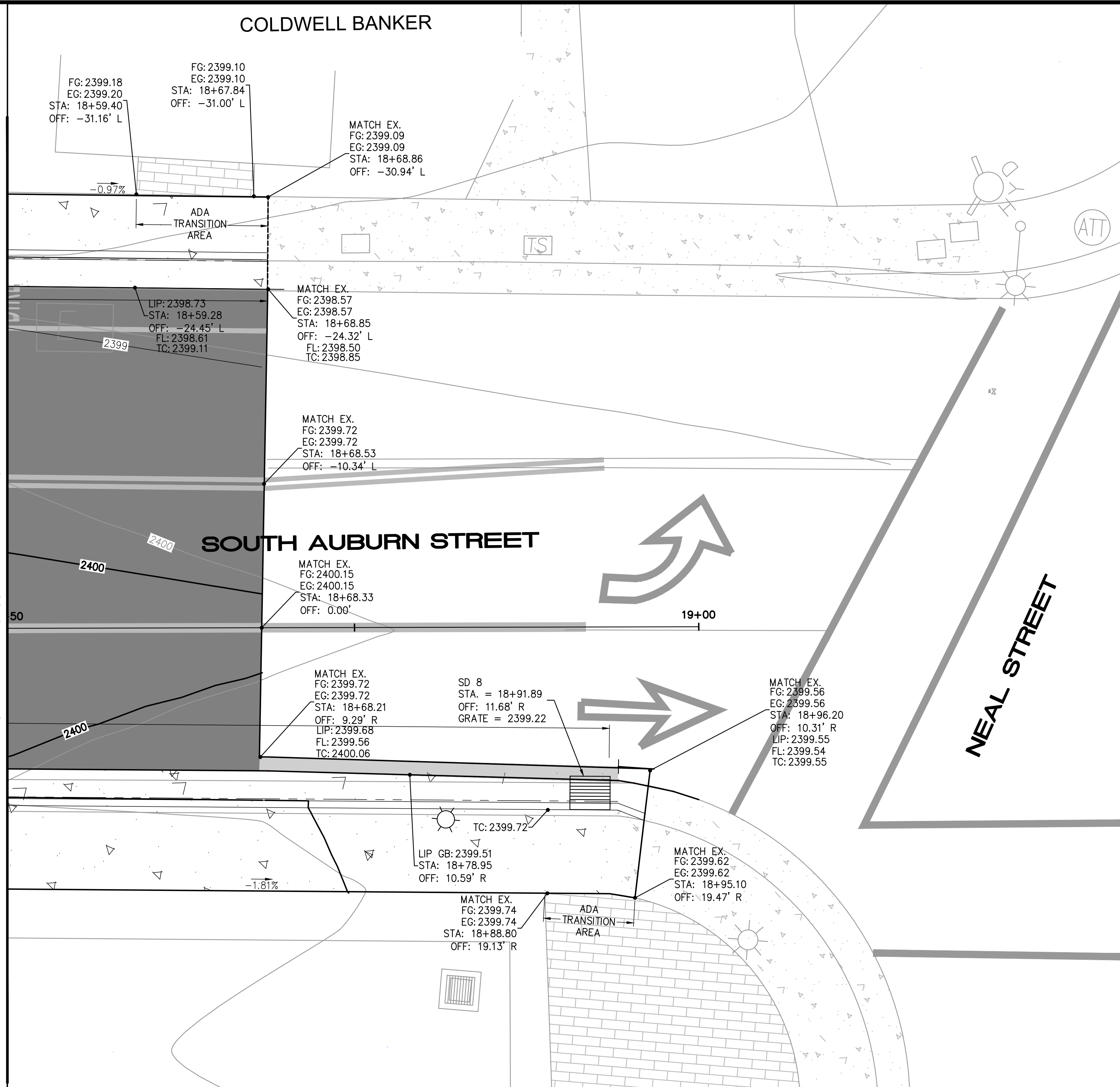
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CALIFORNIA
GRASS VALLEY
SOUTH AUBURN STREET
PAVEMENT REPLACEMENT
GRADING DETAILS 7

PROJECT NUMBER
565218
DRAWING DATE
NOVEMBER 2024
SHEET NUMBER
25 OF 29

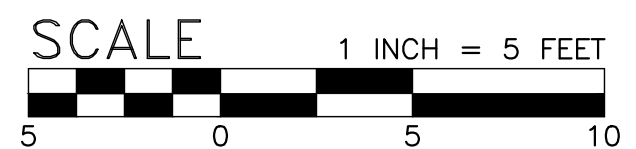
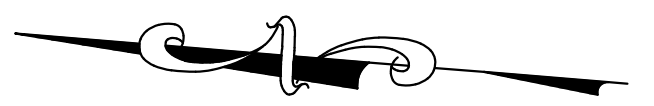
FOR REDUCED PLANS, THE 0 ORIGINAL SCALE IS IN INCHES

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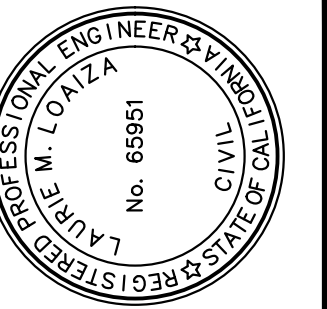


NOTES:

- SEE SHEET 5 FOR TYPICAL SECTIONS, SHEETS 7-10 FOR LAYOUT PLAN AND PROFILE AND SHEETS 11-18 FOR GRADING SECTIONS.



BID SET
DATE: NOVEMBER 2024



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaiza
LAURIE M. LOAIZA, RCE 65951 DATE 11/20/2024
DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

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CALIFORNIA

SOUTH AUBURN STREET
PAVEMENT REPLACEMENT

GRADING DETAILS 8

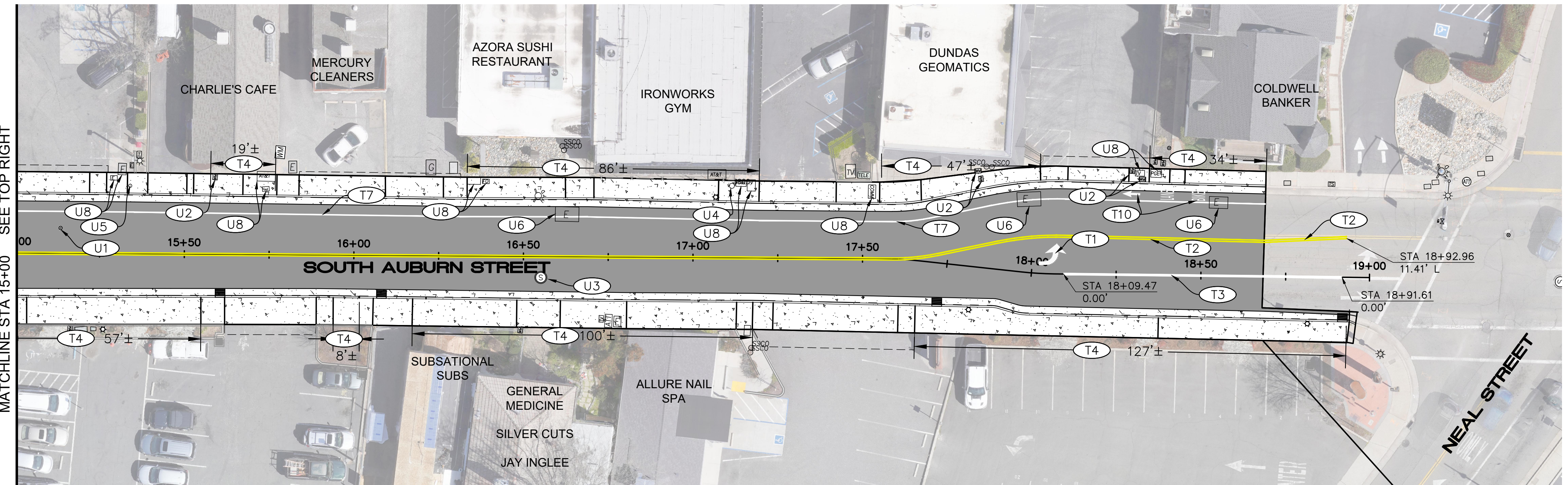
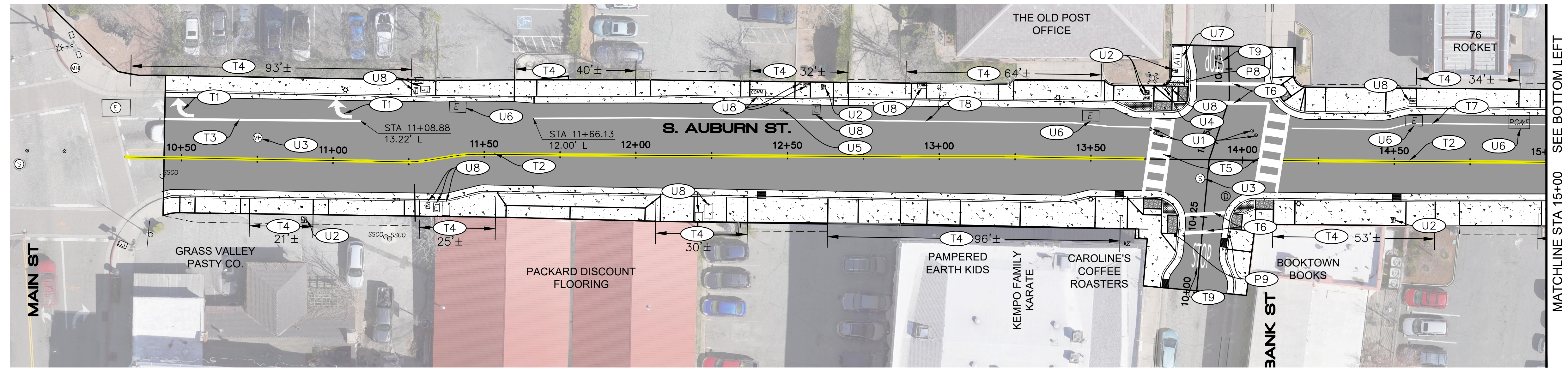
GRASS VALLEY

PROJECT NUMBER
565218

DRAWING DATE
NOVEMBER 2024

SHEET NUMBER
26 OF **29**

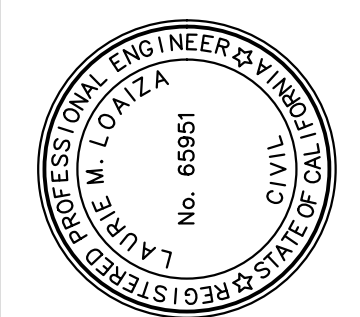
FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



CONSTRUCTION NOTES:

- (T1) TYPE IV ARROW PER CALTRANS STANDARD PLAN A24A
- (T2) CENTERLINE STRIPING PER CALTRANS STANDARD PLAN A20A DETAIL 21.
- (T3) CHANNELIZING LANE STRIPE PER CALTRANS STANDARD PLAN A20D DETAIL 38A.
- (T4) PAINT CURB RED (TWO COATS)
- (T5) INSTALL LADDER STYLE CROSSWALK STRIPING PER CALTRANS STANDARD PLAN A24F. 12" WIDE STRIPES. LADDER STRIPING SHALL BE SPACED 2.0' O.C.
- (T6) INSTALL 12" WIDE WHITE CROSSWALK STRIPE PER CALTRANS STANDARD PLAN A24F
- (T7) INSTALL BIKE LANE LINE PER CALTRANS STANDARD DETAIL A20D DETAIL 39
- (T8) INSTALL RIGHT EDGE LINE PER CALTRANS STANDARD PLAN A20B DETAIL 27B
- (T9) "STOP" MARKING PER CALTRANS STANDARD PLAN A24D
- (T10) INSTALL BIKE LANE TEXT PER CALTRANS STANDARD PLAN A24D AND TYPE I ARROW PER CALTRANS STANDARD PLAN A24A.
- (U1) ADJUST EXISTING WATER VALVE BOX TO GRADE PER DETAIL 7/29
- (U2) ADJUST EXISTING WATER METER TO GRADE.
- (U3) ADJUST EXISTING MANHOLE TO GRADE PER DETAIL 7/29
- (U4) ADJUST EXISTING CLEANOUT TO GRADE.
- (U5) ADJUST EXISTING GAS VALVE TO GRADE.
- (U6) ADJUST EXISTING PG&E VAULT (3'x5' OR GREATER) TO GRADE.
- (U7) ADJUST EXISTING AT&T VAULT (4'x6' OR GREATER) TO GRADE.
- (U8) ADJUST EXISTING MISCELLANEOUS UTILITY BOX TO GRADE.
- (P8) RELOCATE EXISTING STOP SIGN TO NEW BACK OF CURB.
- (P9) RELOCATE EXISTING STOP SIGN AND DO NOT ENTER SIGN TO NEW BACK OF CURB.

Path: X:\Engineering\CDI_Projects\565218_South Auburn Street\DWG\565218_Signage.dwg Layout Name: 27 Plot Date: Nov 20, 2024 at 09:10 am



PREPARED UNDER THE DIRECTION OF
Laurie M. Loaliza
 LAURIE M. LOALIZA, RCE 65951 DATE 11/20/2024
 DESIGNED BY ERG DRAWN BY ERG REVIEWED BY DHS/LML

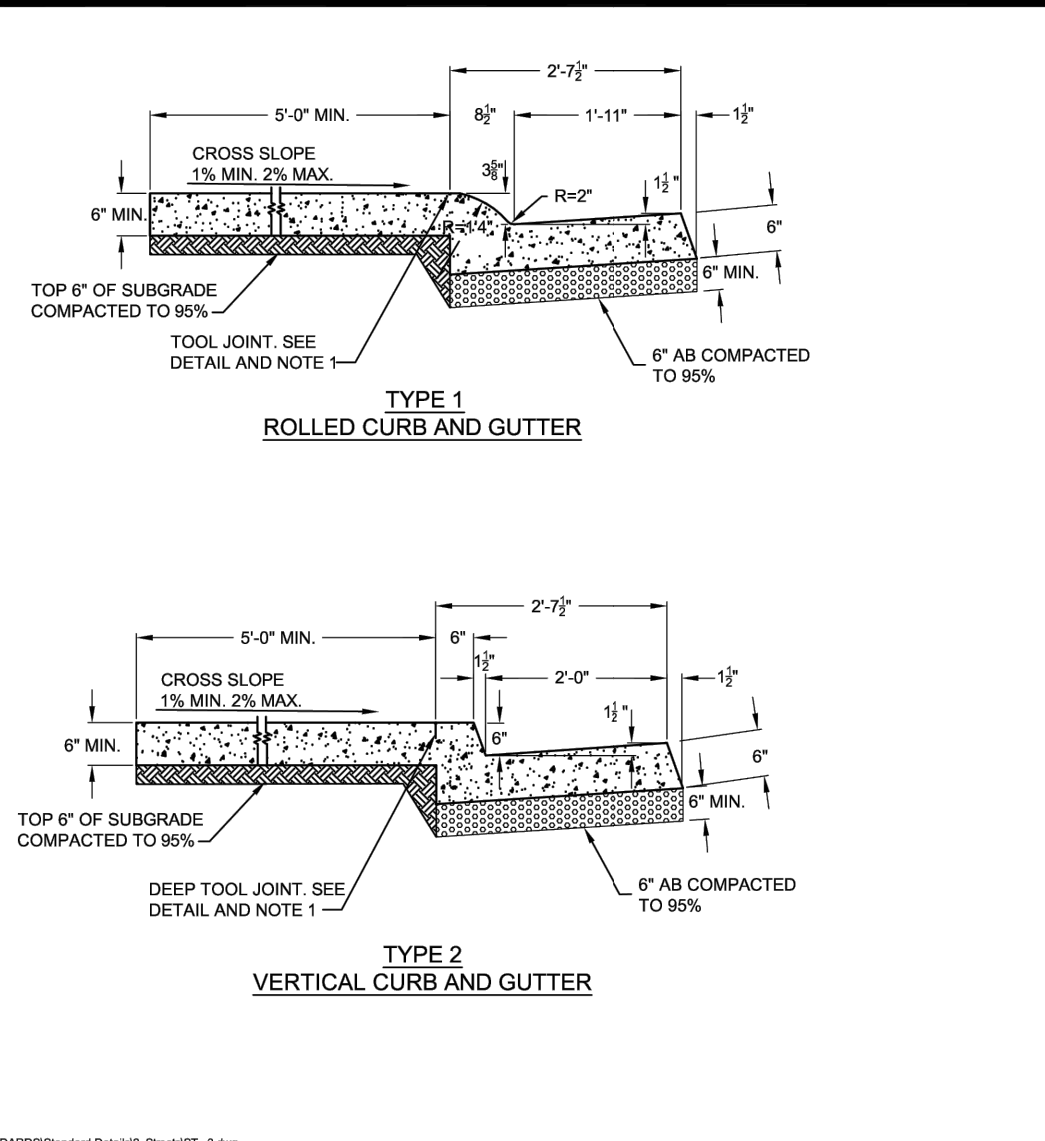
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CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
SIGNAGE & STRIPING PLAN & UTILITY ADJUSTMENTS

PROJECT NUMBER
565218
 DRAWING DATE
NOVEMBER 2024
 SHEET NUMBER
27 OF 29

BID SET
 DATE: NOVEMBER 2024

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES



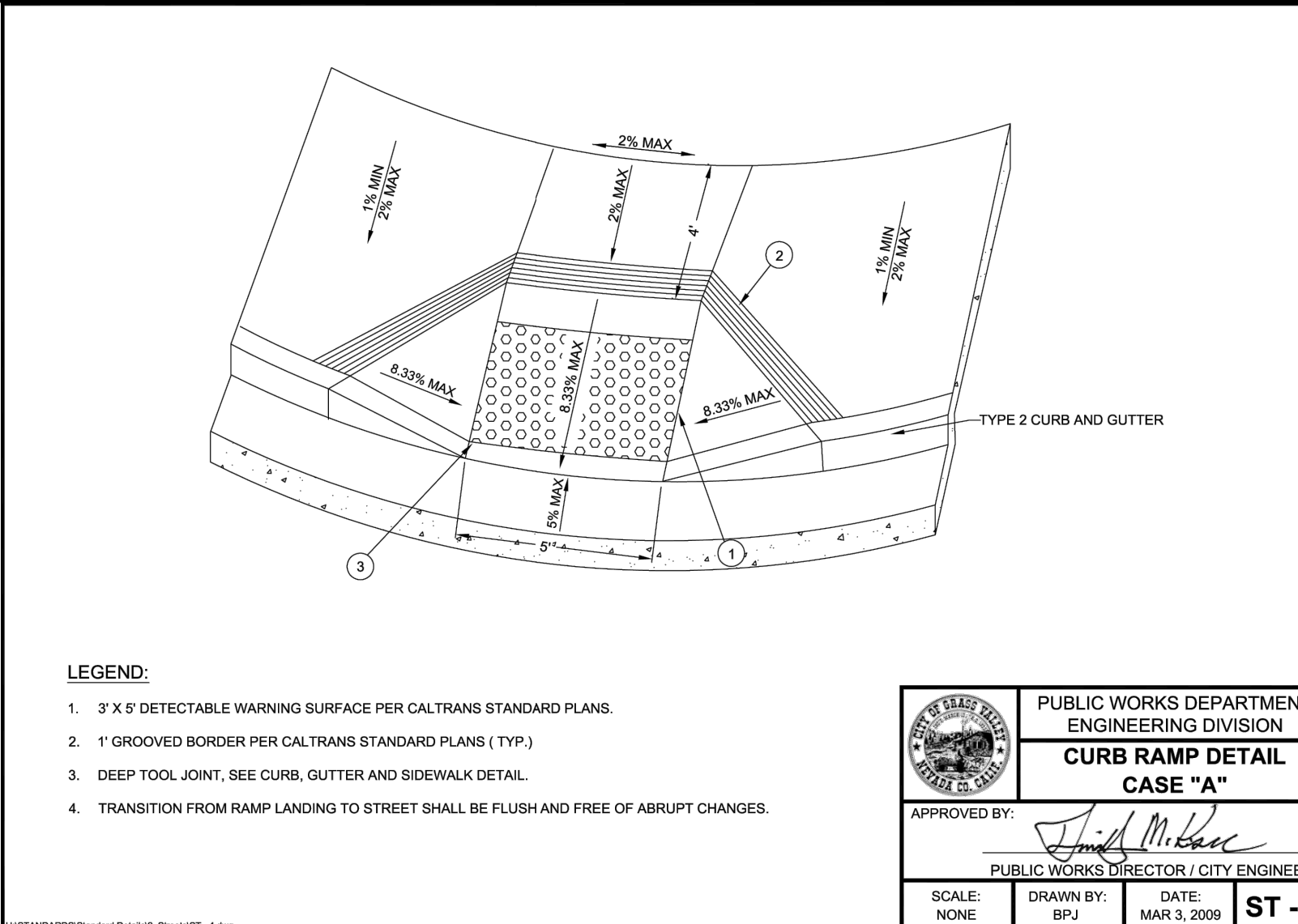
NOTES:

- 2" DEEP TOOL JOINT AT BACK OF CURB FOR ALL MONOLITHIC CURB, GUTTER AND SIDEWALK.
- AGGREGATE BASE, COMPACTED TO 95%, MAY BE SUBSTITUTED FOR NATIVE SUBGRADE UNDER THE SIDEWALK SECTION.

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
CURB, GUTTER AND SIDEWALK

APPROVED BY: *Judith M. Baker*
 PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **ST - 3**



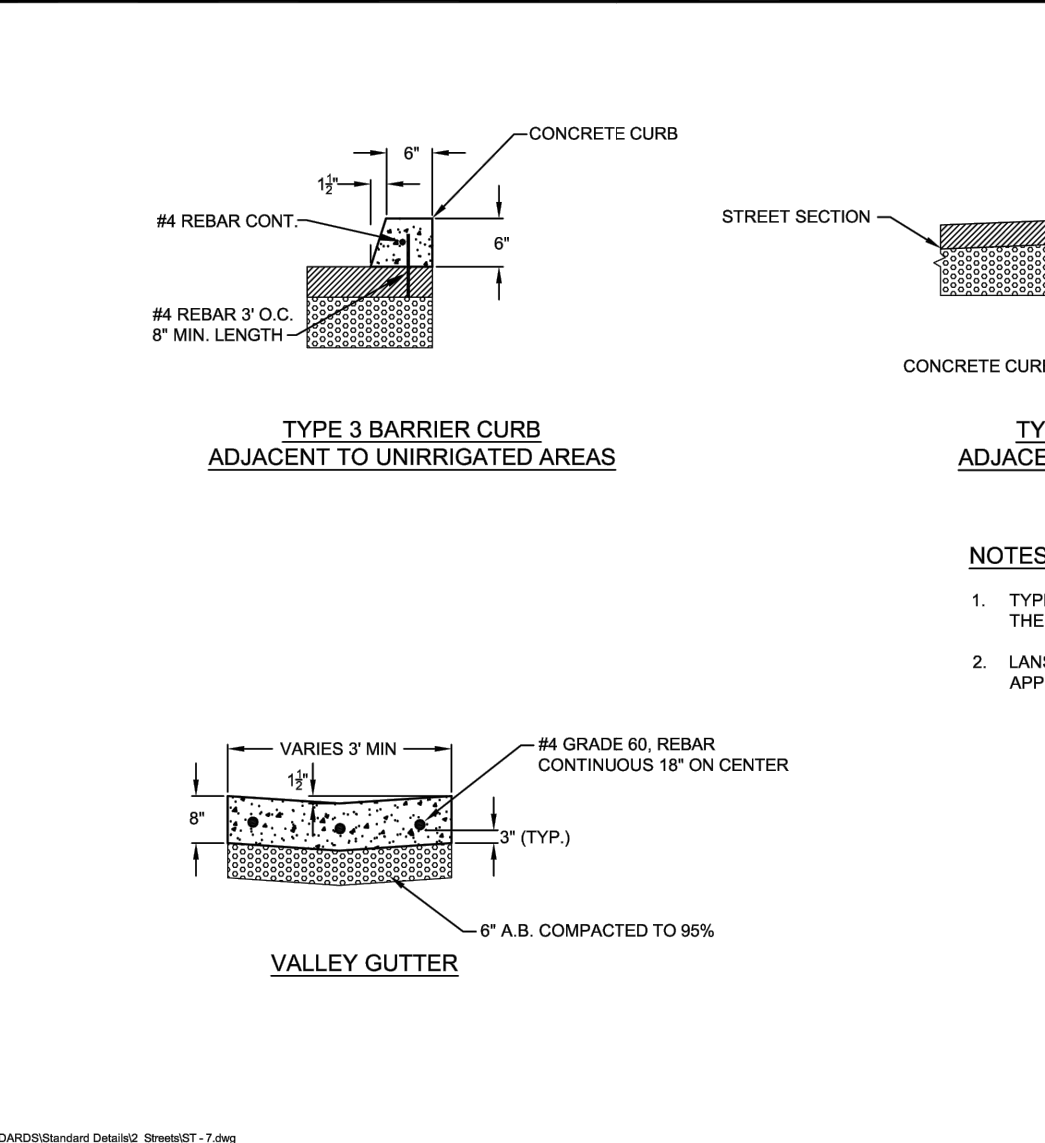
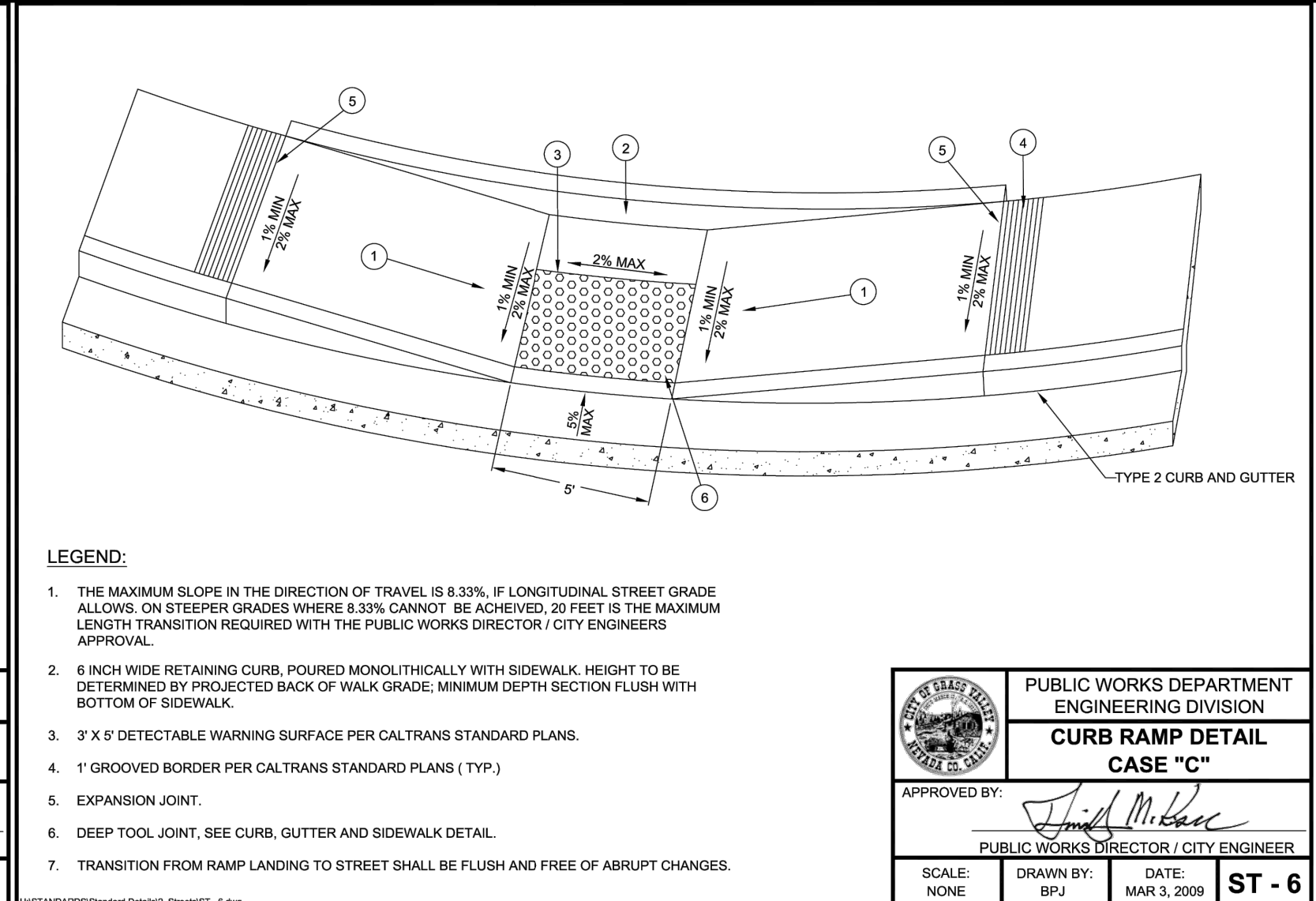
LEGEND:

- 3' X 5' DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLANS.
- 1' GROOVED BORDER PER CALTRANS STANDARD PLANS (TYP.)
- DEEP TOOL JOINT, SEE CURB, GUTTER AND SIDEWALK DETAIL.
- TRANSITION FROM RAMP LANDING TO STREET SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
CURB RAMP DETAIL CASE "A"

APPROVED BY: *Judith M. Baker*
 PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: BPJ DATE: MAR 3, 2009 **ST - 4**



TYPE 4 BARRIER CURB ADJACENT TO IRRIGATED AREAS

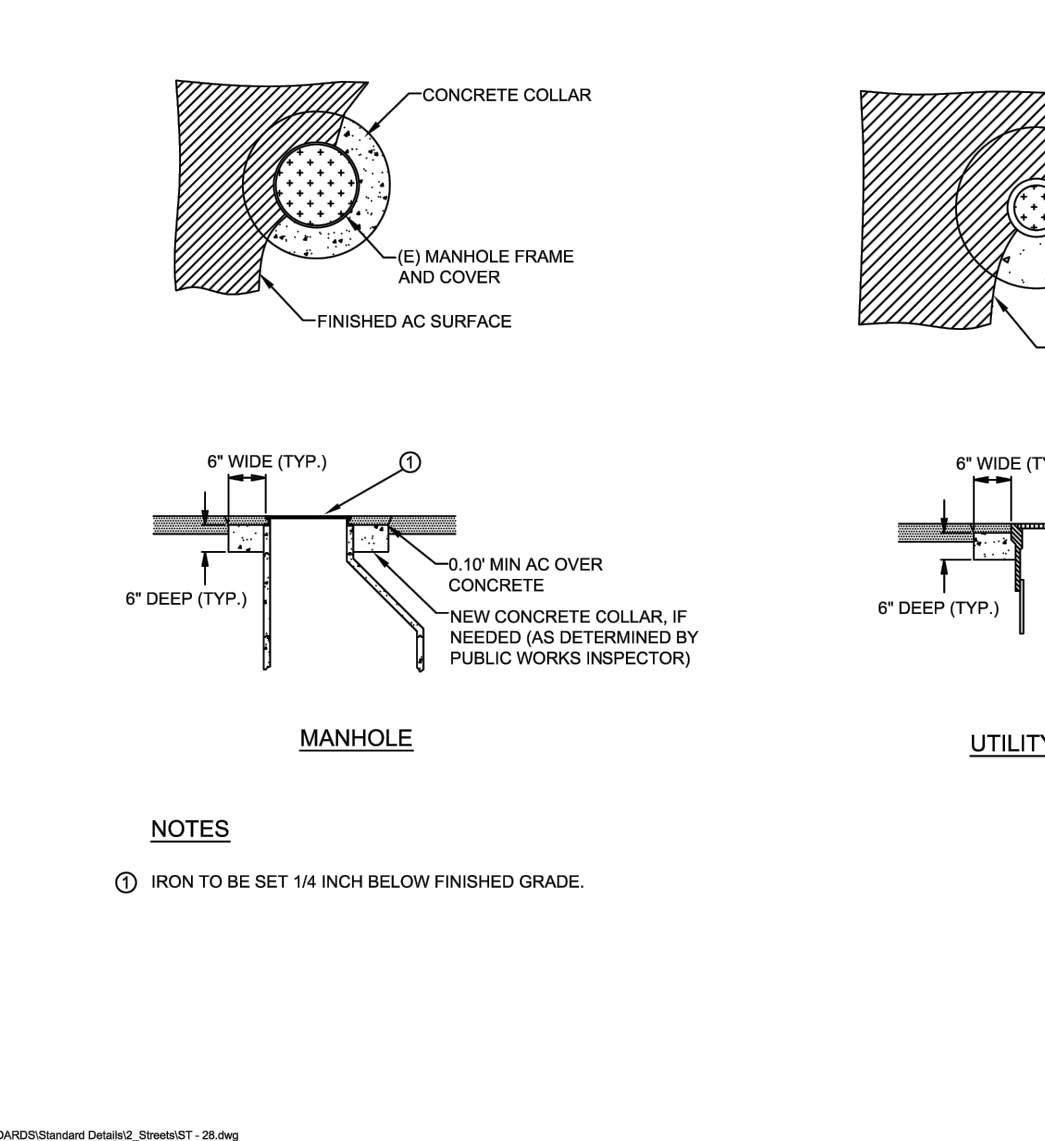
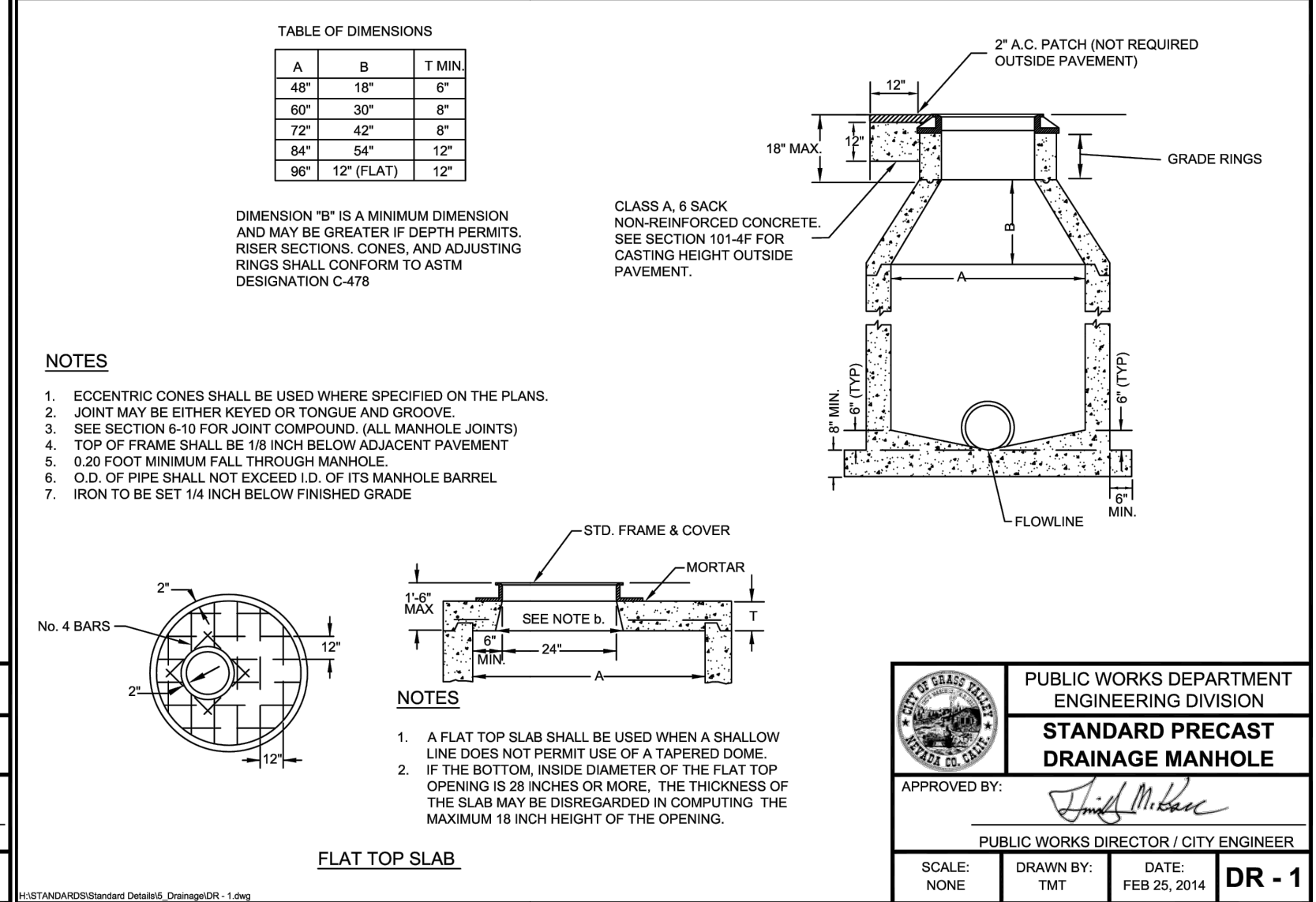
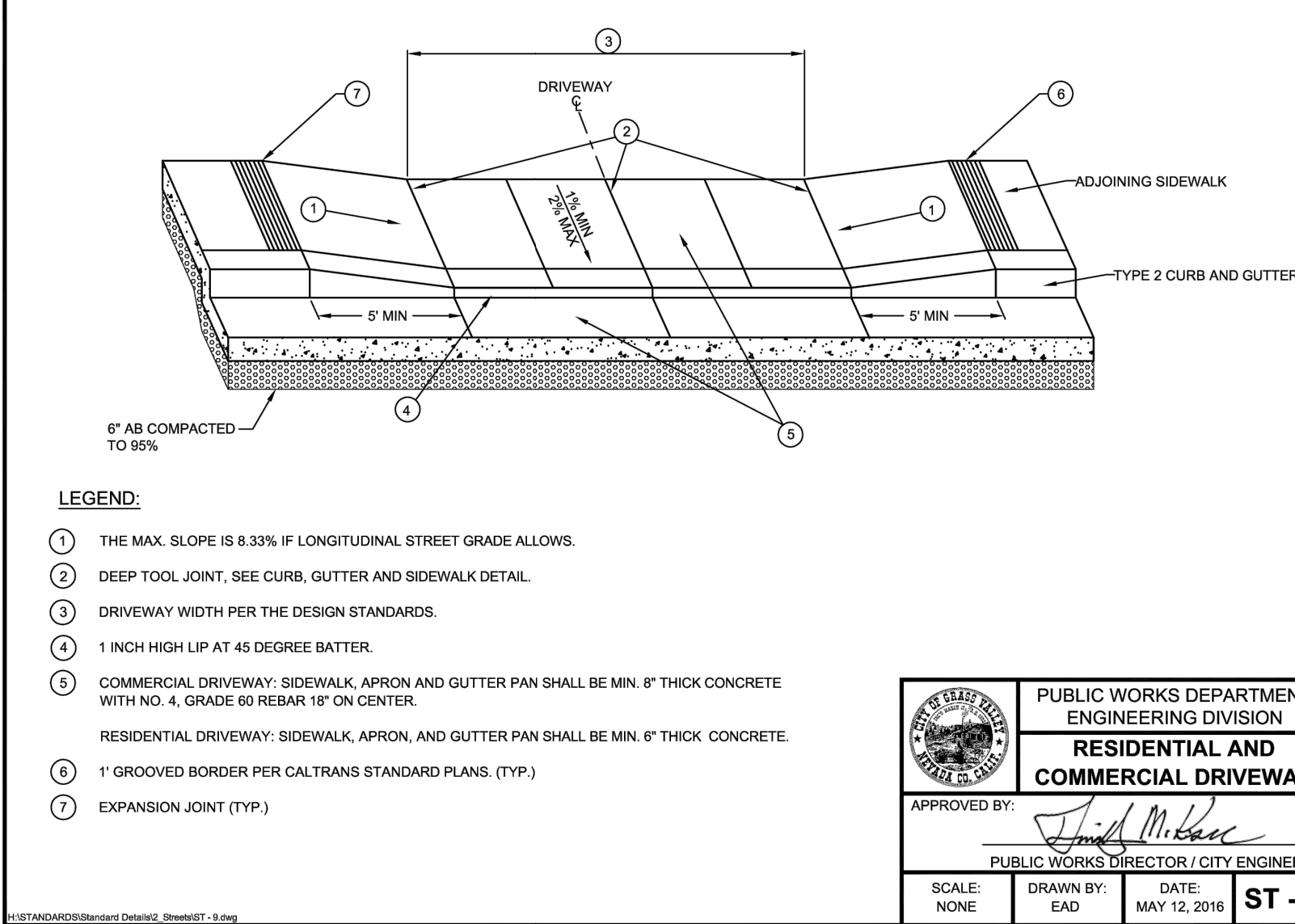
NOTES:

- TYPE 4 CURB TO BE 18" TALL OR 4" DEEPER THAN THE STREET SECTION, WHICHEVER IS GREATER.
- LANDSCAPE AREA TO BE SLOPED TO DRAIN TO AN APPROVED DRAINAGE OR FIELD INLET.

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
BARRIER CURB AND VALLEY GUTTER

APPROVED BY: *Judith M. Baker*
 PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: EAD DATE: MAY 12, 2016 **ST - 7**



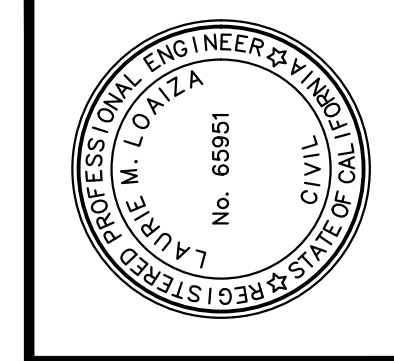
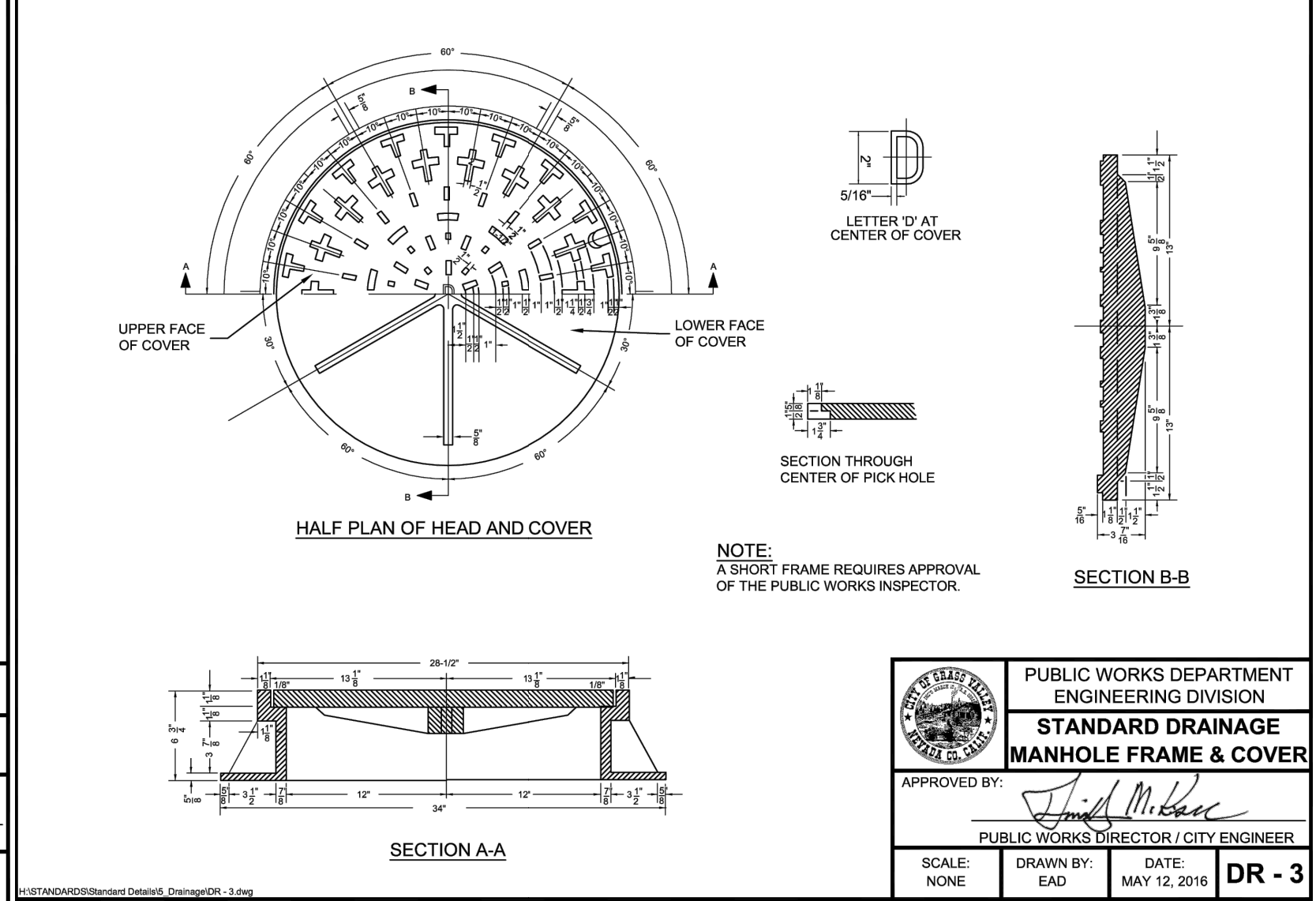
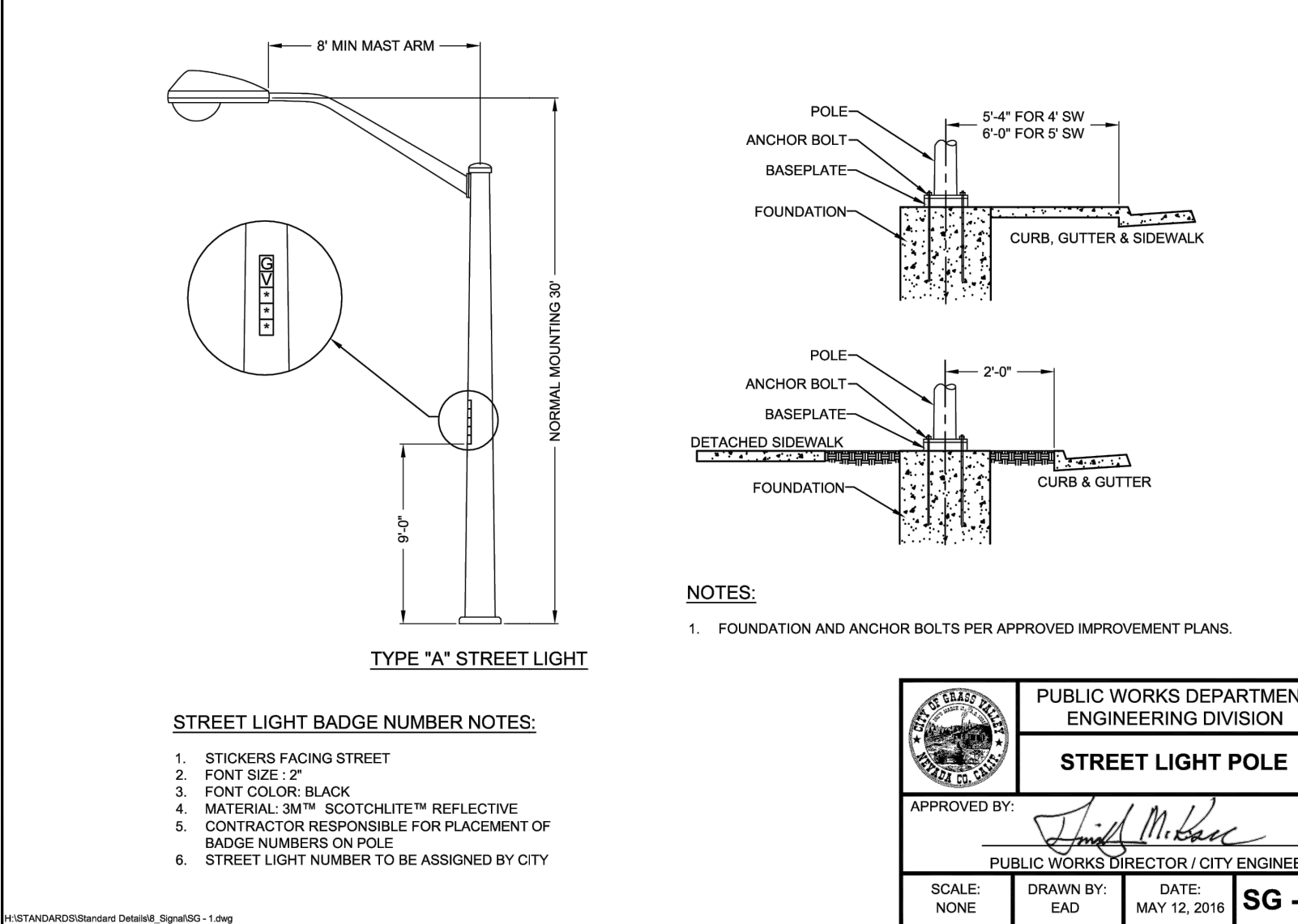
NOTES:

- IRON TO BE SET 1/4 INCH BELOW FINISHED GRADE.

PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION
ADJUST UTILITY COVER/ MANHOLE TO GRADE

APPROVED BY: *Judith M. Baker*
 PUBLIC WORKS DIRECTOR / CITY ENGINEER

SCALE: NONE DRAWN BY: TMT DATE: FEB 6, 2014 **ST-28**



PREPARED UNDER THE DIRECTION OF

Laurie M. Loaliza

LAURIE M. LOALIZA, RCE 65951 DATE: 11/20/2024

DESIGNED BY: ERG
 DRAWN BY: ERG
 REVIEWED BY: DHS/LML

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CALIFORNIA

SOUTH AUBURN STREET PAVEMENT REPLACEMENT

GRASS VALLEY

STANDARD DETAILS

PROJECT NUMBER: 565218

DRAWING DATE: NOVEMBER 2024

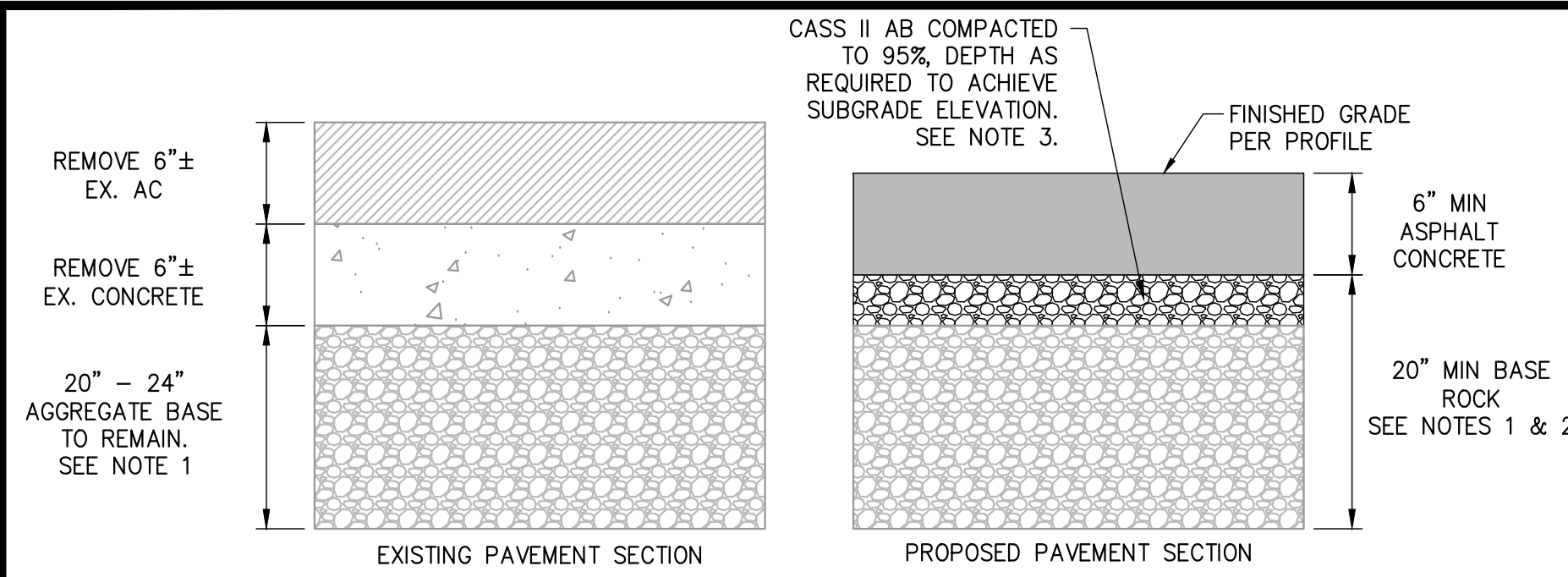
SHEET NUMBER: 28 OF 29

BID SET

DATE: NOVEMBER 2024

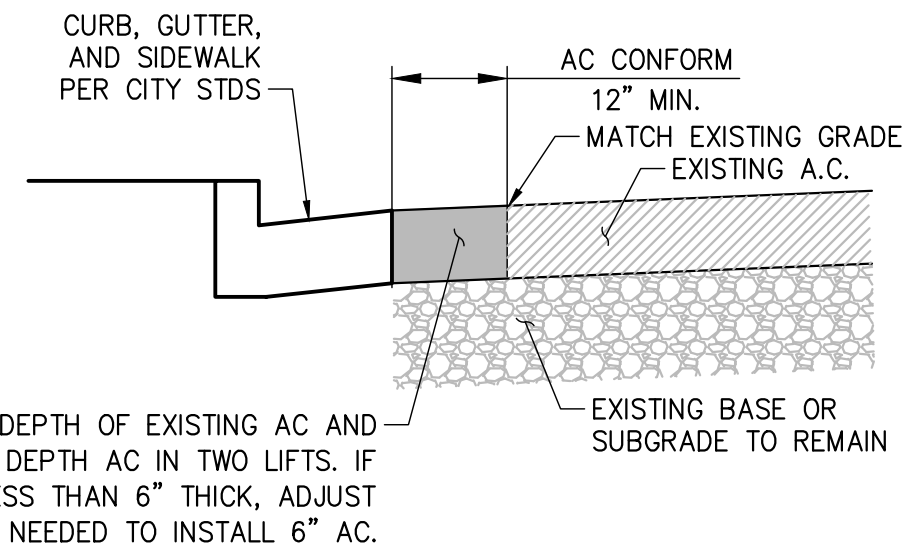
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FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

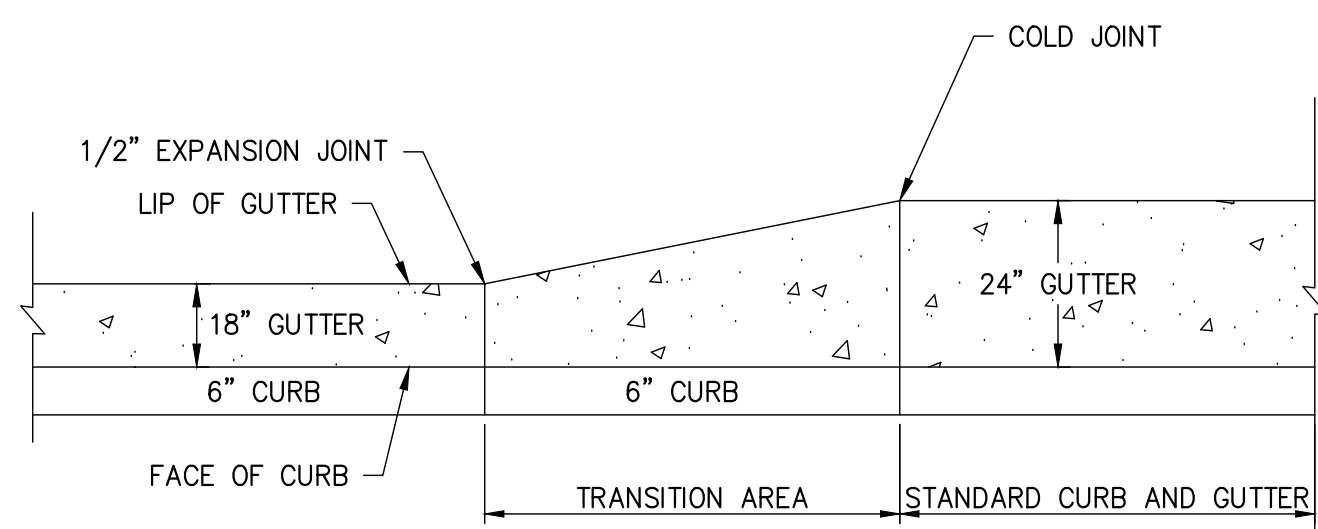


- NOTES:
- EXISTING AGGREGATE BASE MAY BE UTILIZED IN PLACE IF DETERMINED TO BE COMPETENT BY THE GEOTECHNICAL ENGINEER. PROOF ROLL EXISTING BASE WITH A FULLY LOADED, 4,000 GALLON CAPACITY WATER TRUCK WITH THE REAR OF THE TRUCK SUPPORTED ON THE DOUBLE-AXLE, TANDEM-WHEEL UNDERCARRIAGE PRIOR TO PLACEMENT OF ANY ADDITIONAL AB. CONTRACTOR SHALL SUBMIT BIDS ASSUMING THAT BASE ROCK IS COMPETENT FOR REUSE. CONTRACTOR SHALL COORDINATE WITH THE GEOTECHNICAL ENGINEER TO IDENTIFY POTHOLE LOCATIONS AS REQUIRED TO CONFIRM DEPTH AND COMPETENCY OF EXISTING BASE, AFTER THE EXISTING ASPHALT PAVEMENT AND CONCRETE HAS BEEN REMOVED.
 - THE TOTAL DEPTH OF EXISTING BASE AND PROPOSED BASE TO ACHIEVE SUBGRADE MUST BE EQUAL TO OR GREATER THAN 20".
 - CLASS II AB SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% PER ASTM D1557 AND SIMILARLY PROOF-ROLLED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.

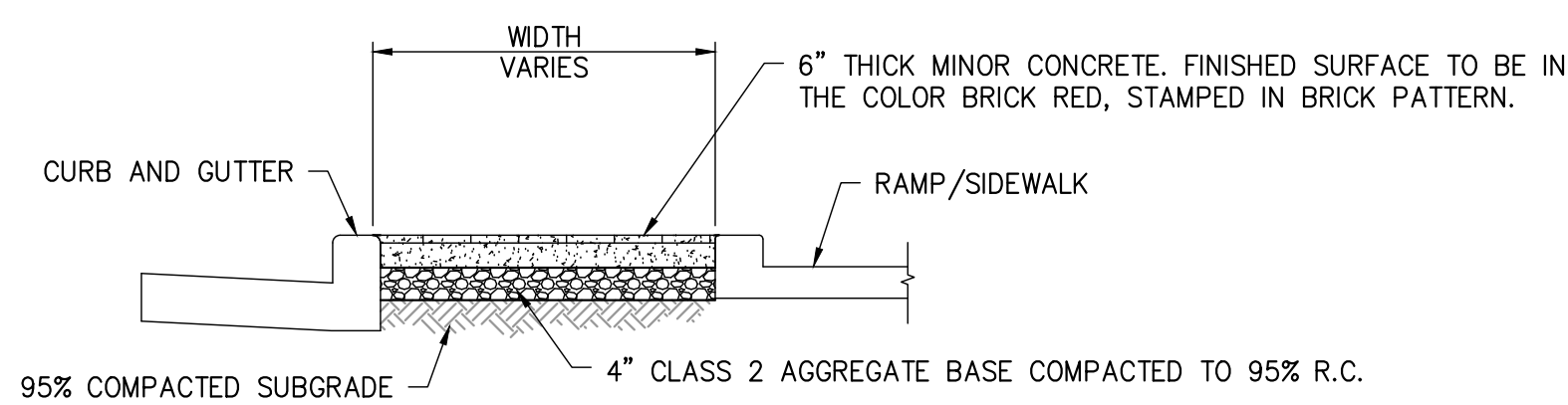
PAVEMENT SECTION RECONSTRUCTION 1
NOT TO SCALE



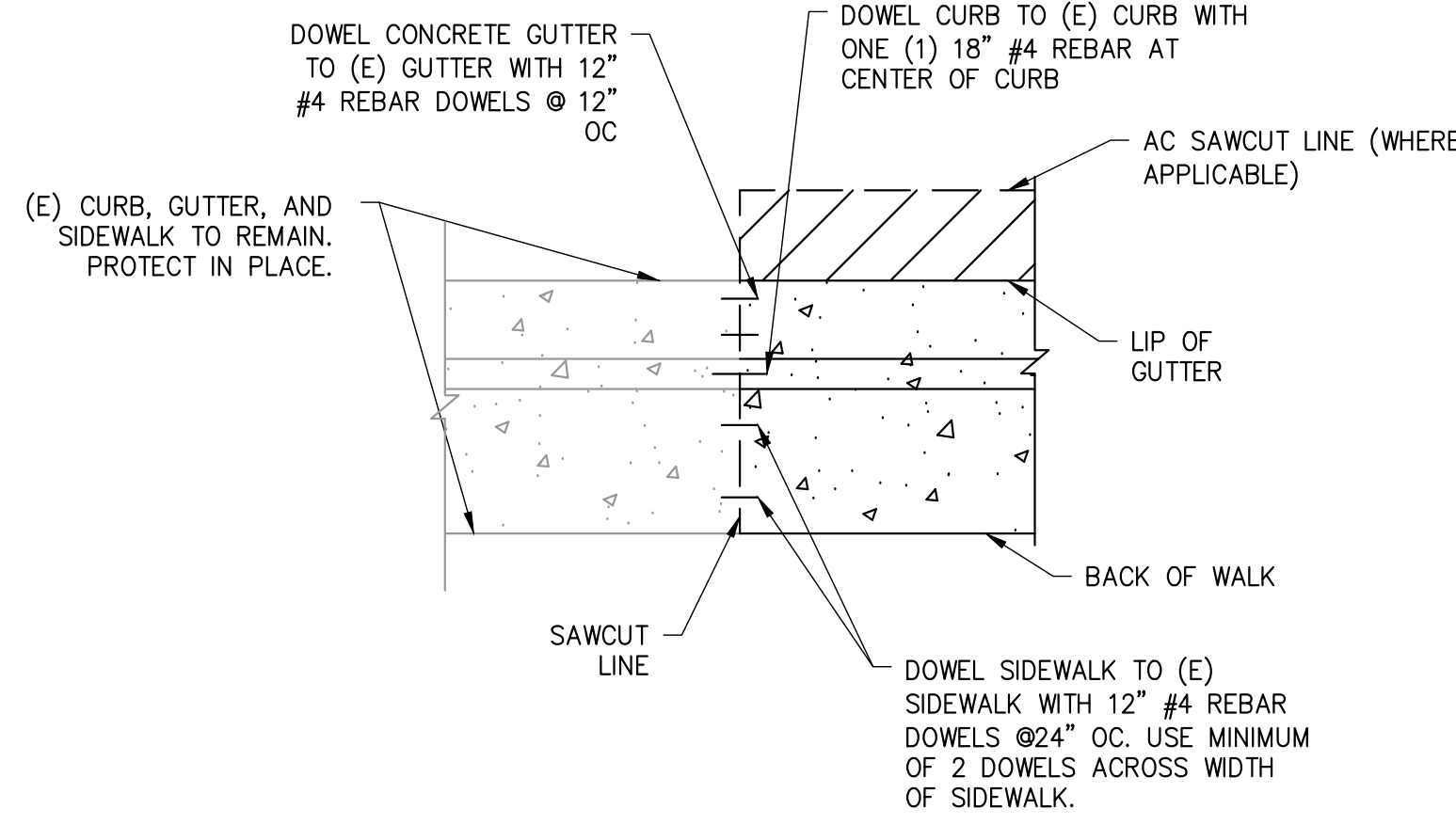
12" WIDE AC PLUG 2
NOT TO SCALE



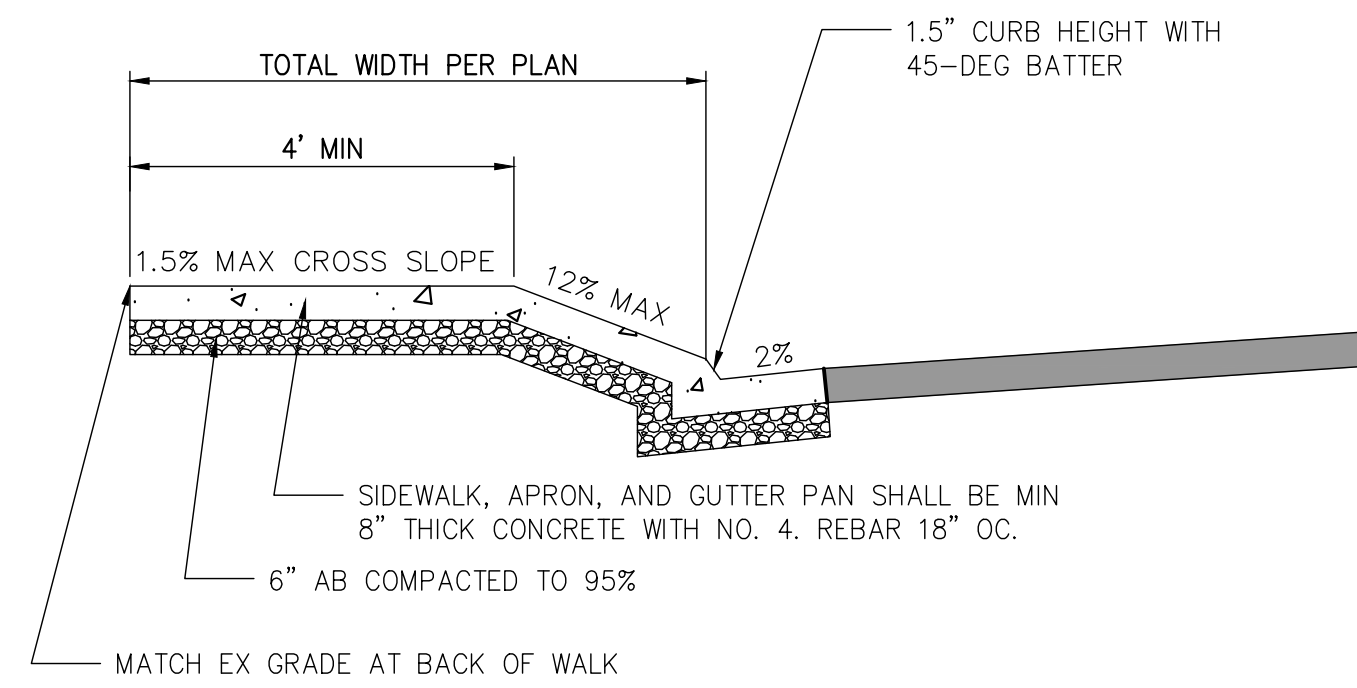
GUTTER WIDTH TRANSITION 3
NOT TO SCALE



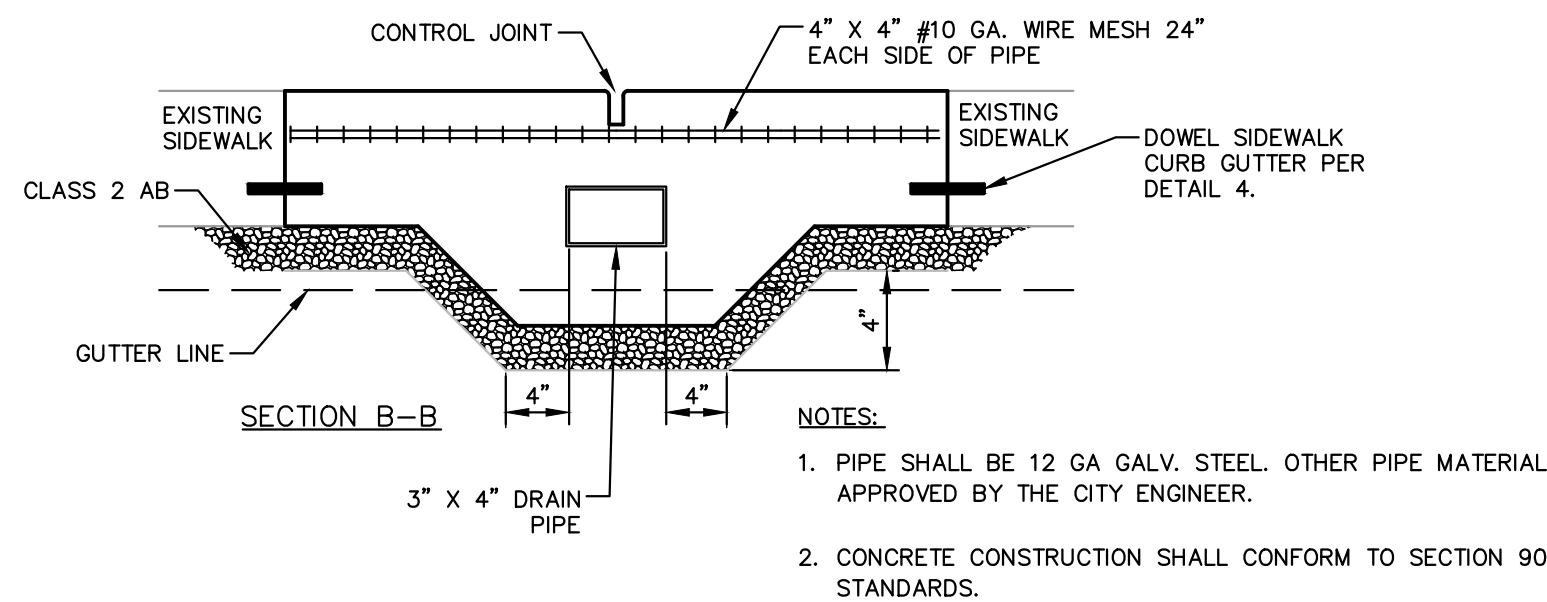
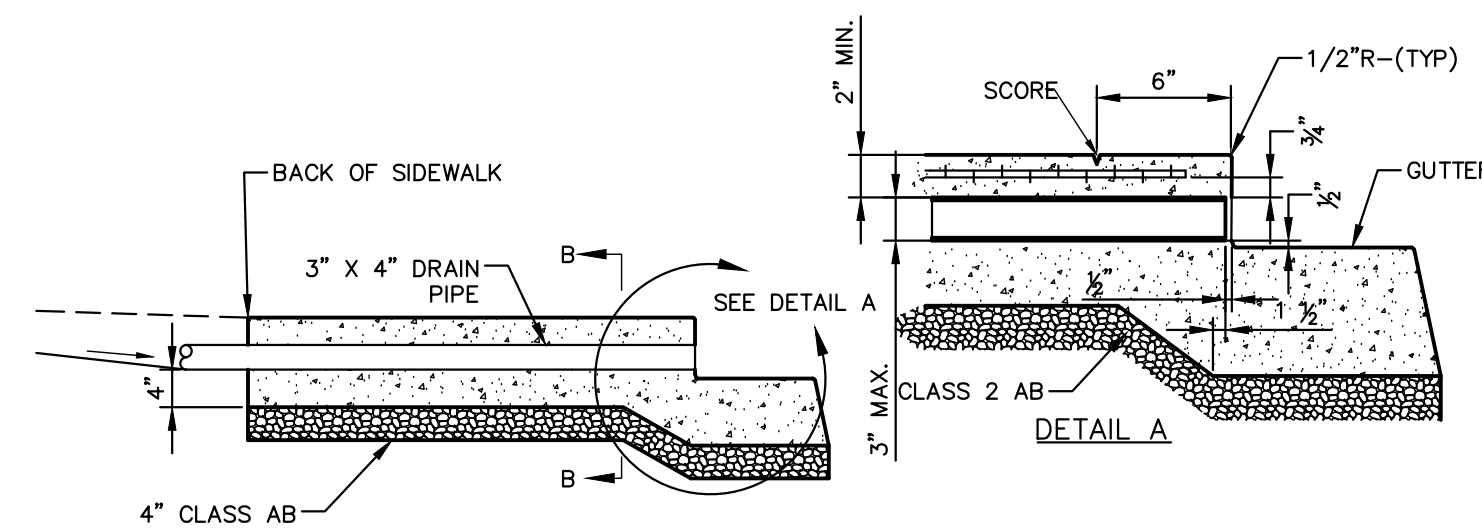
STAMPED BRICK ACCENT PAVEMENT 9
NOT TO SCALE



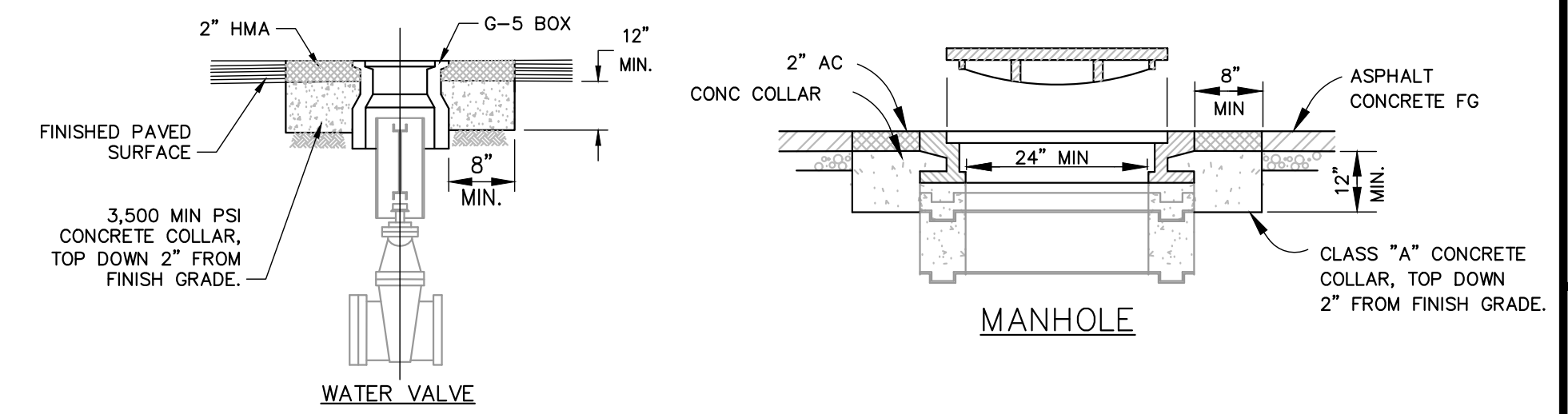
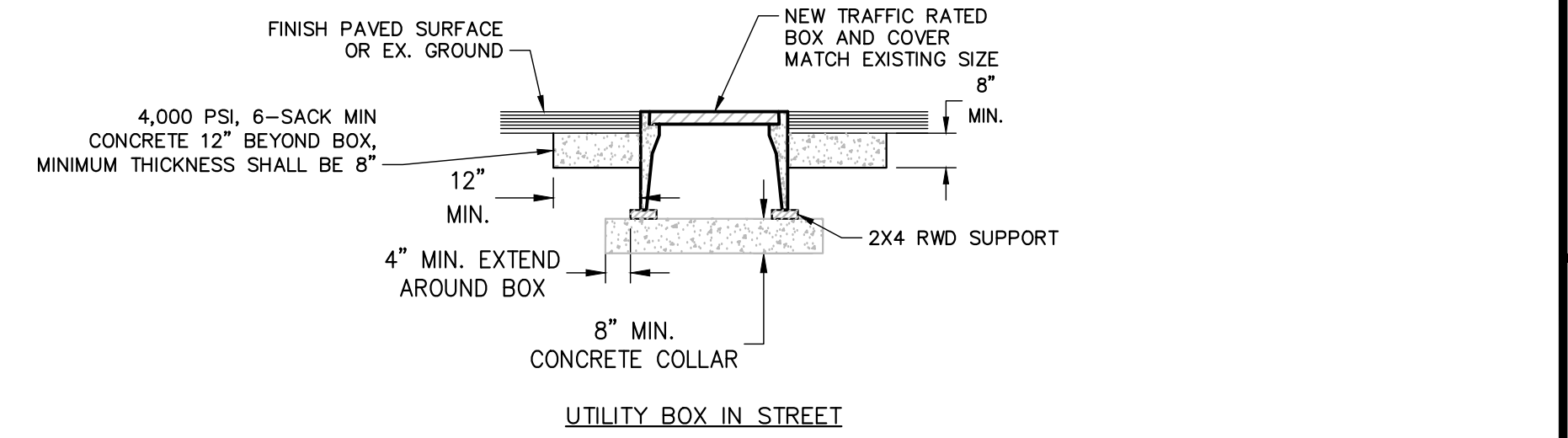
CURB, GUTTER, & SIDEWALK DOWELING 4
NOT TO SCALE



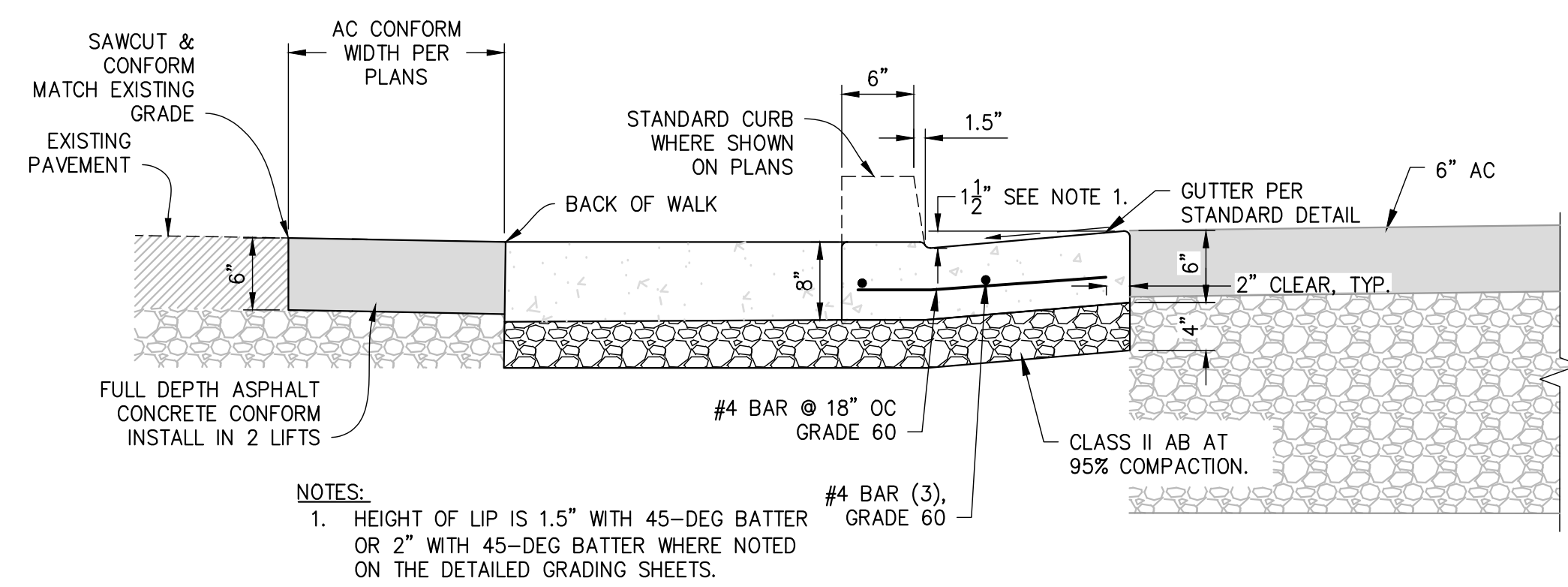
ADA COMPLIANT DRIVEWAY TRANSITION 5
NOT TO SCALE



SIDEWALK DRAIN 6
NOT TO SCALE



ADJUST TO GRADE EXISTING STREET APPURTENANCES 7
NOT TO SCALE



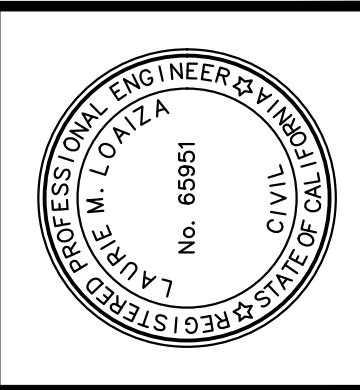
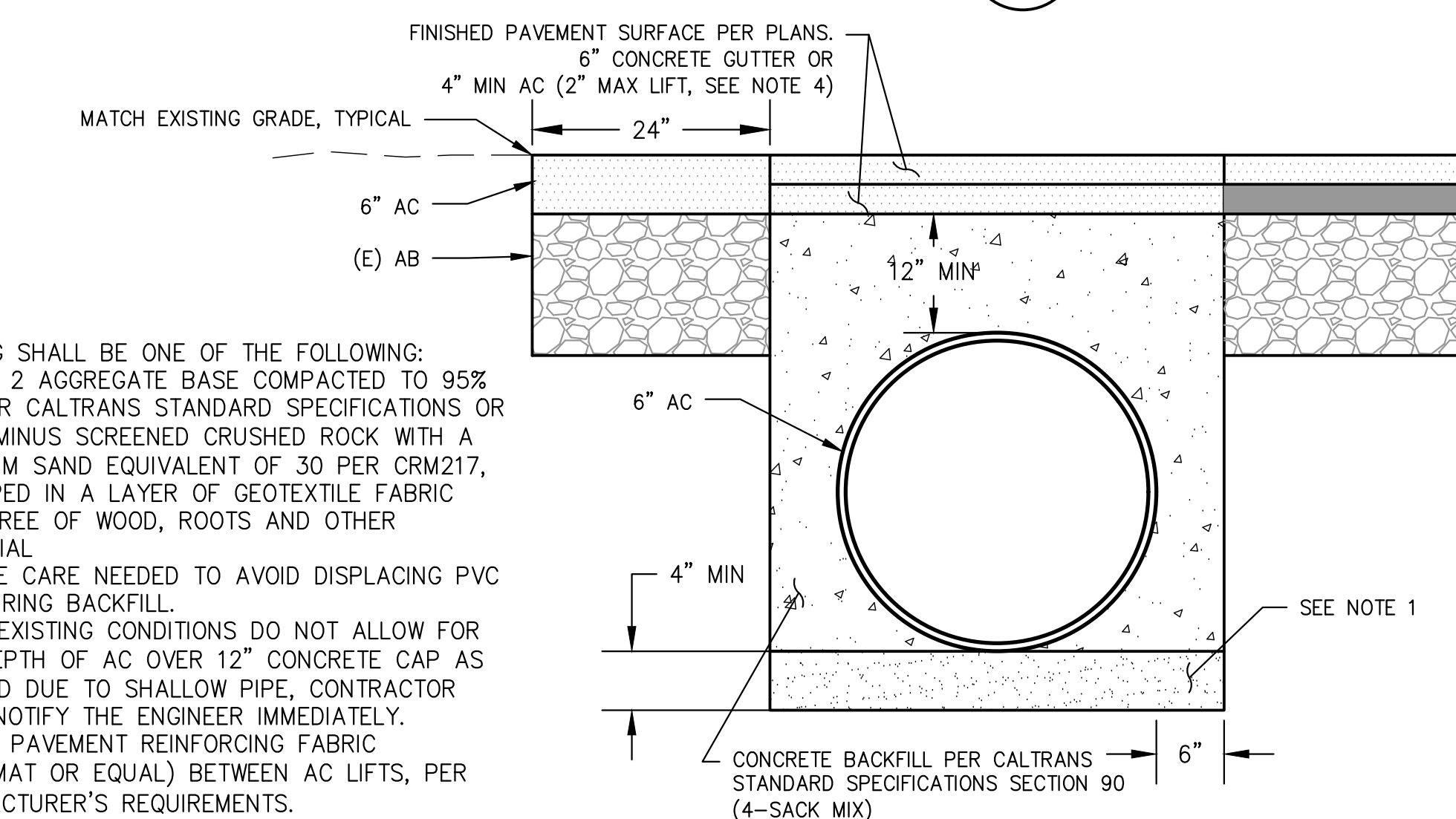
- NOTES:
- HEIGHT OF LIP IS 1.5" WITH 45-DEG BATTER OR 2" WITH 45-DEG BATTER WHERE NOTED ON THE DETAILED GRADING SHEETS.

DRIVEWAY & CONFORM DETAIL 8
NOT TO SCALE

NOTES:

- BEDDING SHALL BE ONE OF THE FOLLOWING:
 - CLASS 2 AGGREGATE BASE COMPACTED TO 95% RC PER CALTRANS STANDARD SPECIFICATIONS OR
 - 3/4" MINUS SCREENED CRUSHED ROCK WITH A MINIMUM SAND EQUIVALENT OF 30 PER CRM217, WRAPPED IN A LAYER OF GEOTEXTILE FABRIC AND FREE OF WOOD, ROOTS AND OTHER MATERIAL
- EXTREME CARE NEEDED TO AVOID DISPLACING PVC PIPE DURING BACKFILL.
- WHERE EXISTING CONDITIONS DO NOT ALLOW FOR FULL DEPTH OF AC OVER 12" CONCRETE CAP AS DETAILED DUE TO SHALLOW PIPE, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- INSTALL PAVEMENT REINFORCING FABRIC (PETROMAT OR EQUAL) BETWEEN AC LIFTS, PER MANUFACTURER'S REQUIREMENTS.

PVC PIPE WITH LESS THAN 18" COVER 10
NOT TO SCALE



PREPARED UNDER THE DIRECTION OF
 LAURIE M. LOANZA
 11/20/2024
 DATE
 LAURIE M. LOANZA, RCE 65951
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 DRAWN BY
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 REVIEWED BY
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CALIFORNIA
 SOUTH AUBURN STREET
 PAVEMENT REPLACEMENT
 GRASS VALLEY
DETAILS 1

PROJECT NUMBER
 565218
 DRAWING DATE
 NOVEMBER 2024
 SHEET NUMBER
 29 OF 29

BID SET
 DATE: NOVEMBER 2024