

CITY OF LAFAYETTE

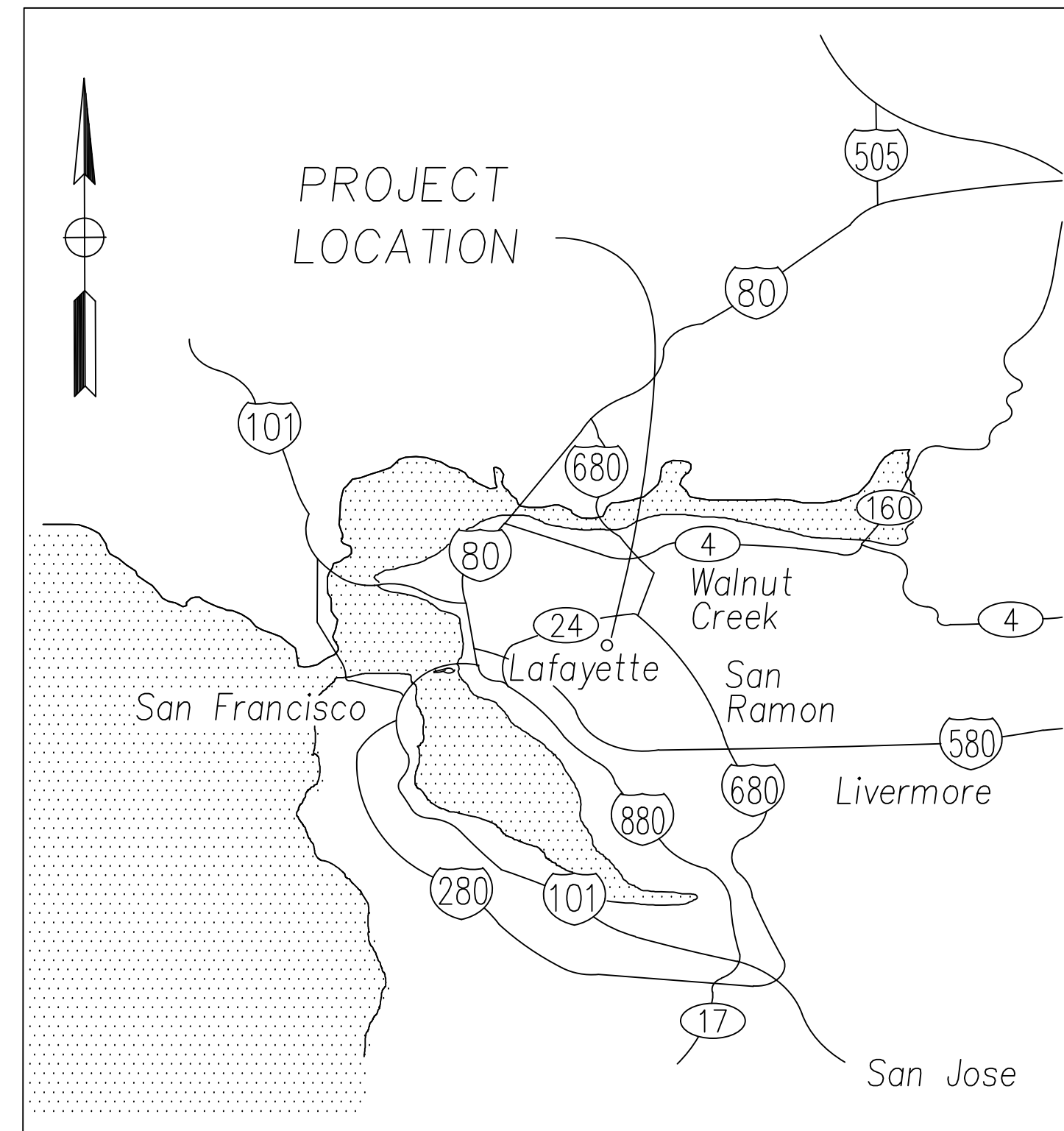
2024 ROAD PAVING PROJECT

PROJECT NUMBER 014-9741

GENERAL NOTES:

- UTILITY INFORMATION AND OBSTRUCTIONS SHOWN ON THE PROJECT PLANS AND PROVIDED IN THE SPECIFICATION ARE ONLY INFORMATIONAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) A MINIMUM OF TWO WORKING DAYS IN ADVANCE OF ANY EXCAVATION. EXCAVATION SHALL NOT BEGIN UNTIL UNDERGROUND UTILITIES HAVE BEEN LOCATED.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES PRIOR TO THE START OF ANY WORK WHICH MAY AFFECT THEIR FACILITIES. THE FOLLOWING UTILITIES AND AGENCIES ARE KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS:

CENTRAL CONTRA COSTA SANITARY DISTRICT	(925) 228-9500
EAST BAY MUNICIPAL UTILITY DISTRICT (WATER)	(510) 285-0834
AT&T (TELEPHONE)	(415) 542-9000
PACIFIC GAS AND ELECTRIC (GAS)	(510) 784-3211
PACIFIC GAS AND ELECTRIC (ELECTRIC)	(510) 784-3236
CONSOLIDATED FIRE PROTECTION DISTRICT	(925) 930-5531
COMCAST (CABLE TELEVISION)	(925) 349-3300
- THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING SITE CONDITIONS.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL TRAFFIC CONTROL AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES" USED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT.
- THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF CAL/OSHA. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL PROVIDE FOR CONTINUOUS INGRESS AND EGRESS TO ALL PUBLIC AND PRIVATE PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OR OPERATIONS. EXISTING CURB, GUTTER AND ANY OTHER IMPROVEMENTS THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL LOCATE, REFERENCE, AND SET SUFFICIENT MARKS FOR ALL CITY OWNED AND NON-CITY OWNED EXISTING MANHOLE COVERS, VALVE COVERS, SURVEY MONUMENTS, IRON PIPES, RAILROAD SPIKES, PRIOR TO STARTING ANY WORK IN THE PAVING AREA WITHIN THE PROJECT LIMITS.
- UNLESS DRIVEWAY, SIDEWALK OR OTHER CONFORM WORK IS SHOWN, CONTRACTOR SHALL PROTECT ADJACENT DRIVEWAY, SIDEWALK OR OTHER IMPROVEMENTS IN PLACE WHEN DOING REMOVAL AND REPLACEMENT.
- PER LAFAYETTE MUNICIPAL CODE GAS POWERED LEAF BLOWERS MAY NOT BE USED.



VICINITY MAP
NTS

APPLICABLE STANDARD PLANS

INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

CONTRA COSTA COUNTY STANDARD DETAILS (LATEST EDITION)

PLAN NUMBER	DESCRIPTION
CA40	SURVEY MONUMENT FRAME AND COVER
CA70	STANDARD SIDEWALK DETAILS
CA71	MEDIAN CURB AND HMA DIKE DETAILS
CA74	DOWELING DETAILS FOR CURB AND SIDEWALK
CA72	DRIVEWAY RAMP DETAILS
CA90	MAILBOX DETAILS
CD 27	TYPE G INLET
CD30	TYPE 1 SDMH
CD35	STANDARD INLET/ MANHOLE PLAN AND DETAILS
CRS1	SIGNING AND STRIPING STANDARDS

CALTRANS STANDARD PLANS (DATED 2018)

PLAN NUMBER	DESCRIPTION
A20 A,B,C	PAVEMENT MARKERS AND TRAFFIC LINES, TYPICAL DETAILS
A24 A,C,D,F	PAVEMENT MARKINGS, ARROWS, SYMBOL, NUMERALS, WORDS AND CROSSWALKS
A 73	OBJECT MARKERS
A87 B	CURB RAMP DETAILS
RSP A88A	
CA71	MEDIAN, CURB AND HMA DIKE DETAILS
ES B	ELECTRICAL SYSTEMS (DETECTORS)
D77 A	GRATE DETAILS NO.1
D77 B	GRATE DETAILS NO.2

CENTRAL CONTRA COSTA SANITARY DISTRICT

MANHOLE AND RODDING INLET STANDARD PLANS
MANHOLE ADJUSTMENT TO FINISH GRADE PLAN

EAST BAY MUNICIPAL UTILITY DISTRICT

G5 VALVE BOX WITH CAST IRON TRAFFIC LID

SHEET INDEX:

NO.	DESCRIPTION
1	TITLE SHEET
2	LOCATION MAP
3-5	CONSTRUCTION DETAILS
6-9	TYPICAL SECTIONS
10-11	ACALANES ROAD
12	ANGELO STREET
13-14	PINE LANE
15-16	TAYLOR BOULEVARD
17-18	PLEASANT HILL ROAD
19-22	SPRINGHILL RD AND STANLEY BLVD RAISED CROSSWALKS

LEGEND:

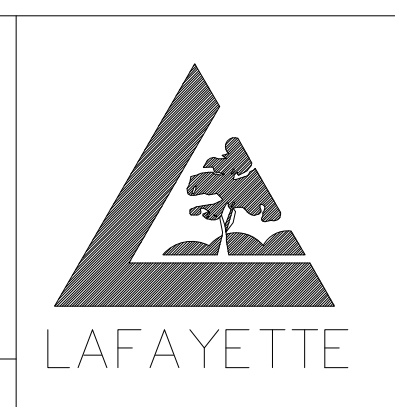
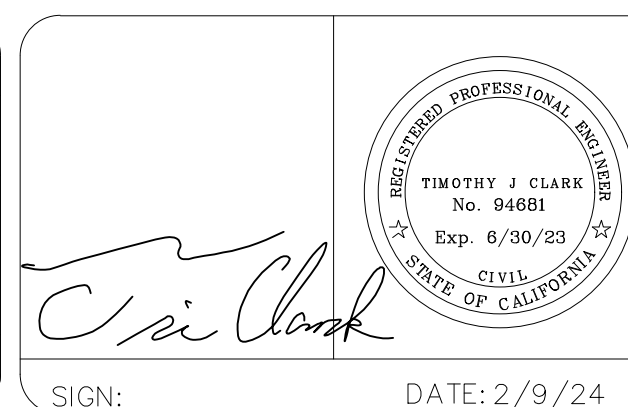
PAVEMENT OVERLAY WITH PAVEMENT REPAIRS AND CRACK FILL	
REMOVE AND REPLACE ASPHALT PAVING	
SHOULDER EXCAVATION	
REMOVE CONCRETE OR ASPHALT IMPROVEMENTS	
CONSTRUCT NEW CONCRETE IMPROVEMENTS	

ABBREVIATIONS:

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ADJ	ADJUST
BC	BEGIN CURVE
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
CL	CENTER LINE
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
(D), DES	DESIGN
D/W, DWY	DRIVEWAY
DI	DRAIN INLET
EC	END CURVE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EVC	END OF VERTICAL CURVE
(E), EX, EXIST	EXISTING
F/C, FC	FACE OF CURB
FG	FINISH GRADE
FL	FLOWLINE
G	GAS
GB	GRADE BREAK
GR	STORM DRAIN INLET GRATE
(H), HORIZ	HORIZONTAL
INV	INVERT
IP	IRON PIPE
IRR	IRRIGATION
JP	JOINT POLE
LF	LINEAR FEET
LIP	LIP OF GUTTER
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
OH	OVERHEAD
PCC	POINT OF COMPOUND CURVE
MCVC	POINT OF CURVATURE VERTICAL CURVE
PVC	POINT OF INTERSECTION VERTICAL CURVE
PRC	POINT OF REVERSE CURVE
PVCP	POLYVINYLCHLORIDE PIPE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STDS	STANDARDS
TYP	TYPICAL
T/C, TC	TOP OF CURB
(V), VERT	VERTICAL
VCP	VITRIFIED CLAY PIPE
W	WATER
WM	WATER METER
WV	WATER VALVE

DATE	MARK	REVISION	INIT.

Designed by:	TC
Drawn by:	TC
Checked by:	JML
Reviewed by:	MM
Date:	2/9/2024



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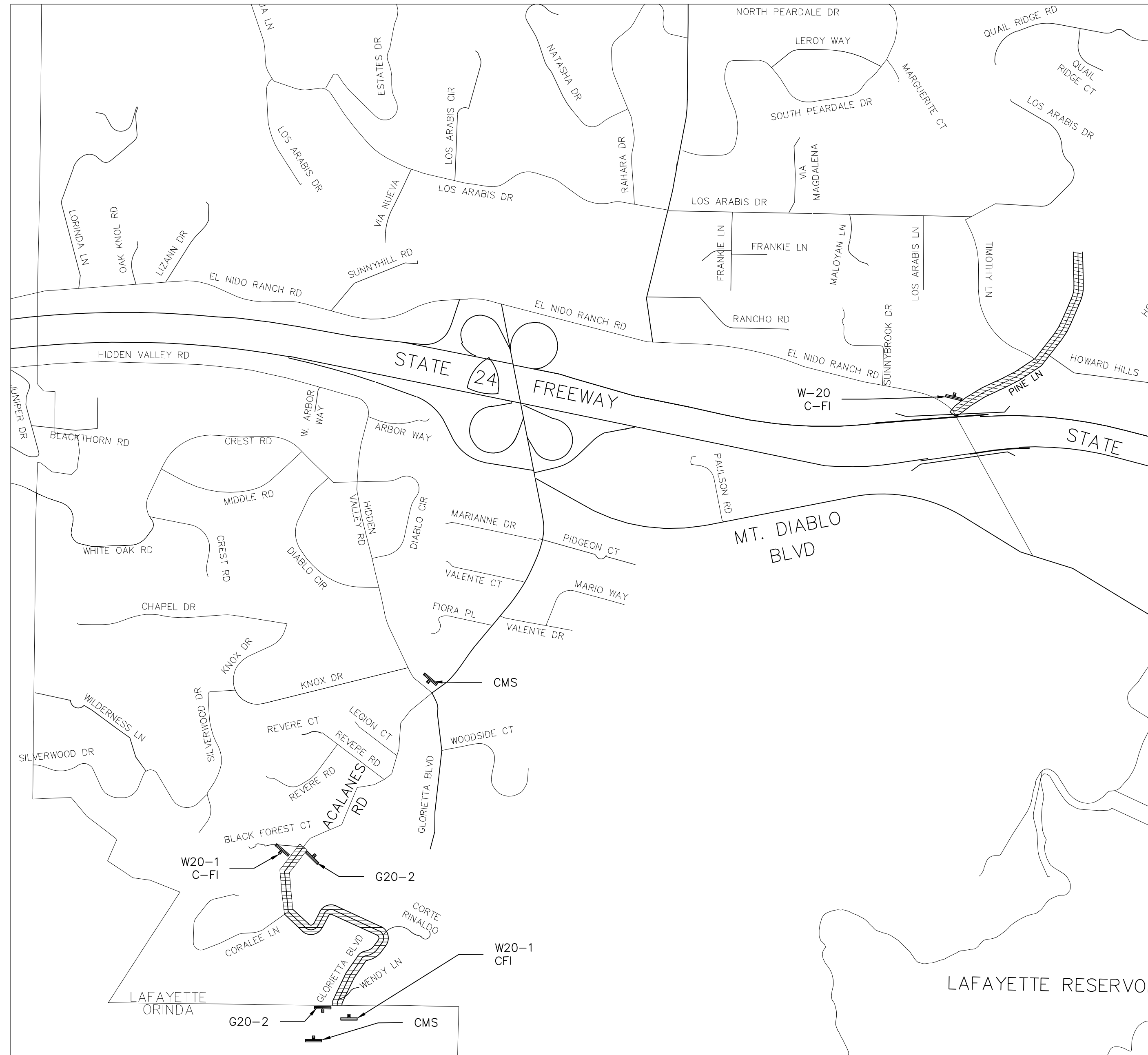
REVIEWED BY:	CITY OF LAFAYETTE
	2/9/24
MICHAEL MORAN, PUBLIC WORKS DIRECTOR	

CITY OF LAFAYETTE
PROJECT NO. 014-9741
2024 ROAD PAVING
PROJECT

CONTRA COSTA COUNTY CALIFORNIA

TITLE SHEET

SCALE: NTS SHEET 1 of 22



PINE STREET PAVING LIMITS AND CONSTRUCTION AREA SIGNS

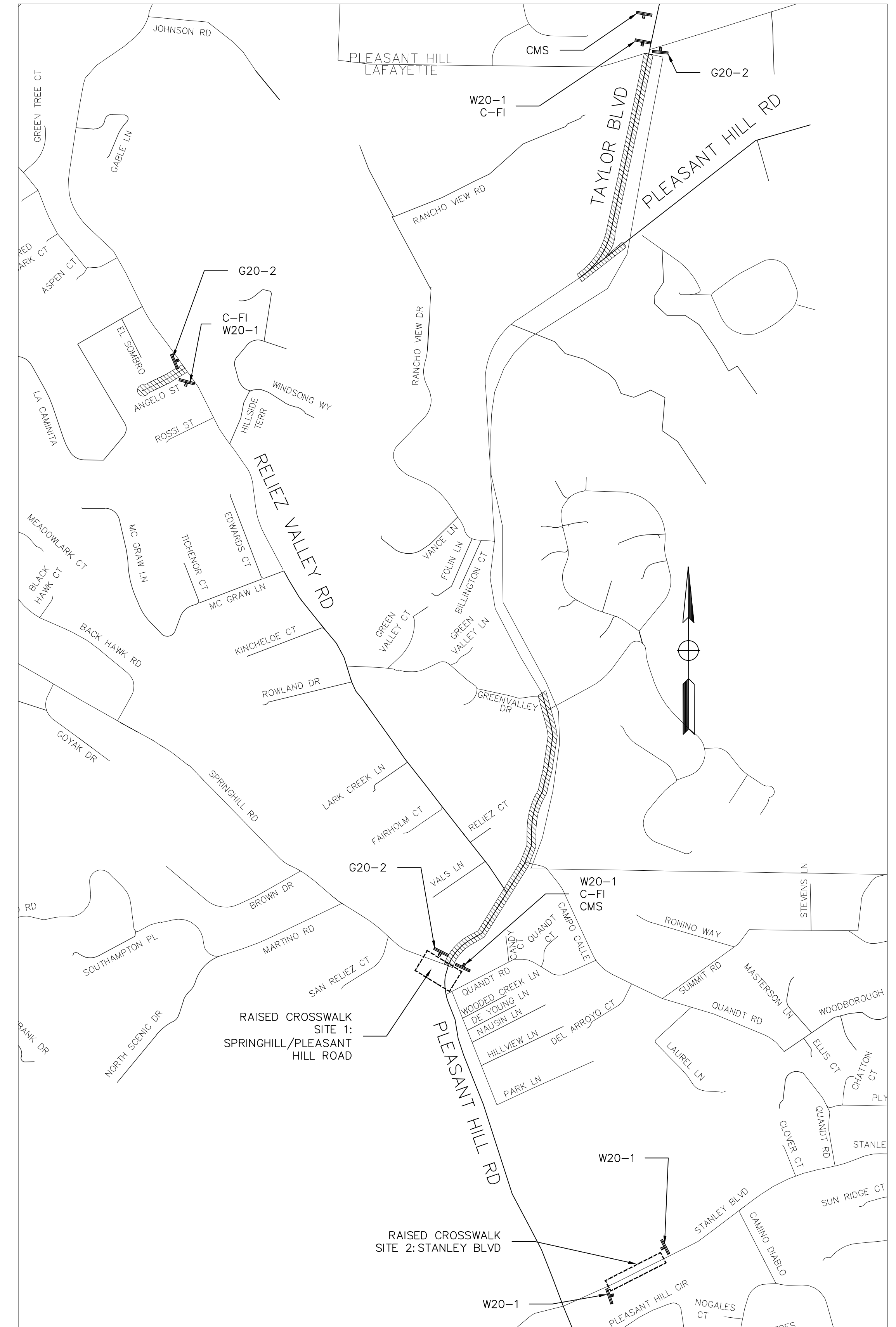
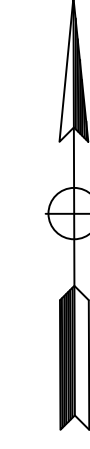
NTS

CONSTRUCTION AREA SIGNS (ACALANES RD., PINE ST., ANGELO ST., TAYLOR BLVD. & PLEASANT HILL RD.):

SYMBOL	DESCRIPTION	SIZE	QUANTITY
G 20-2	"END ROAD WORK"	42"x18"	6
W 20-1	"ROAD WORK AHEAD"	36"x36"	8
C-FI	PROJECT IDENTIFICATION AND FUNDING SIGN	48"x36"	6
CMS	CHANGEABLE MESSAGE SIGN		4

LEGEND:

- PAVEMENT OVERLAY WITH PAVEMENT REPAIRS AND CRACK FILL
- RAISED CROSSWALK SITE



TAYLOR BLVD & PLEASANT HILL ROAD PAVING LIMITS AND CONSTRUCTION AREA SIGNS

NTS

DATE	MARK	REVISION	INIT.

Designed by: AB/TC
 Drawn by: AB
 Checked by: JM
 Reviewed by: MM
 Date: 2/9/2024

SIGN:
 DATE: 2/9/24



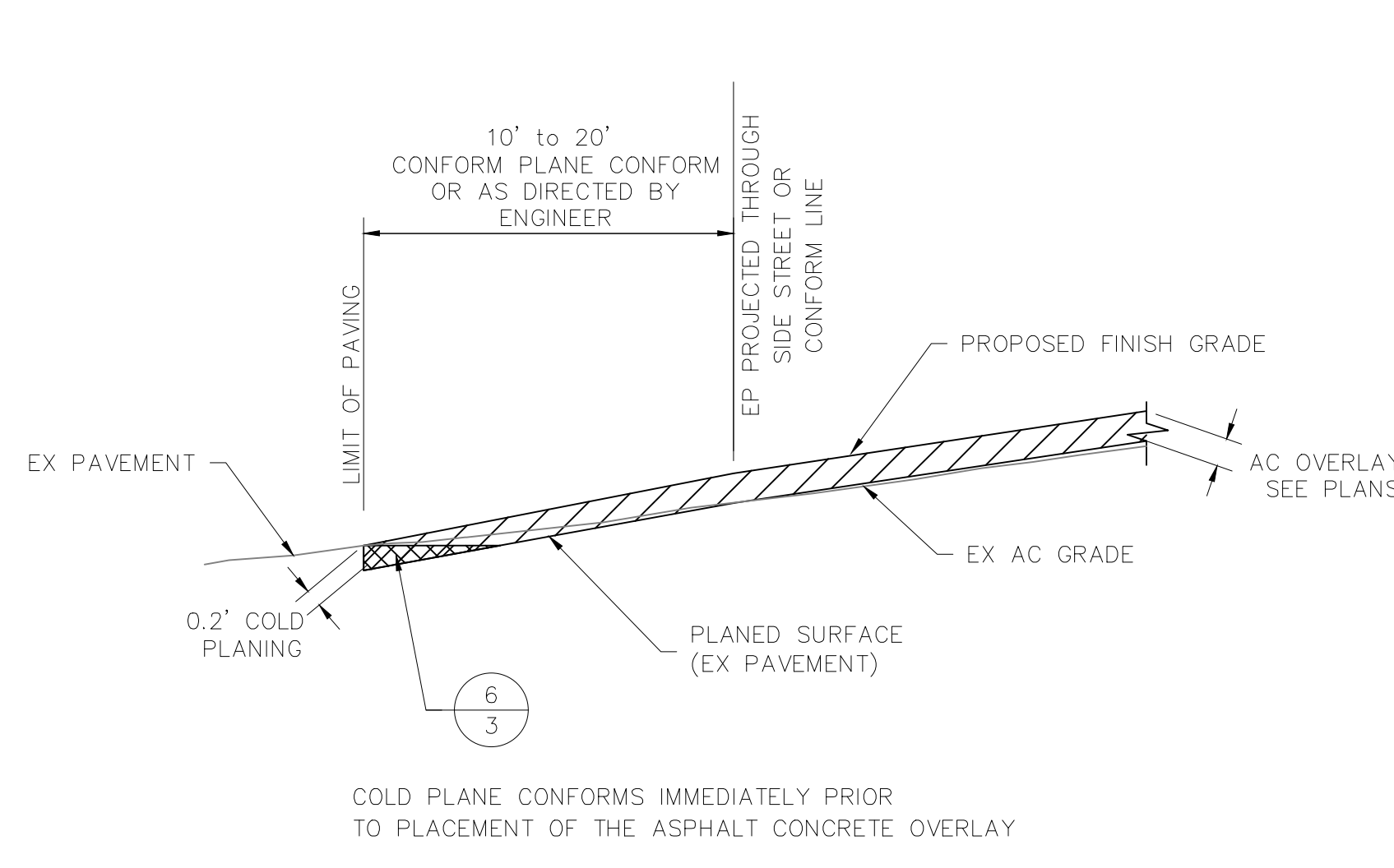
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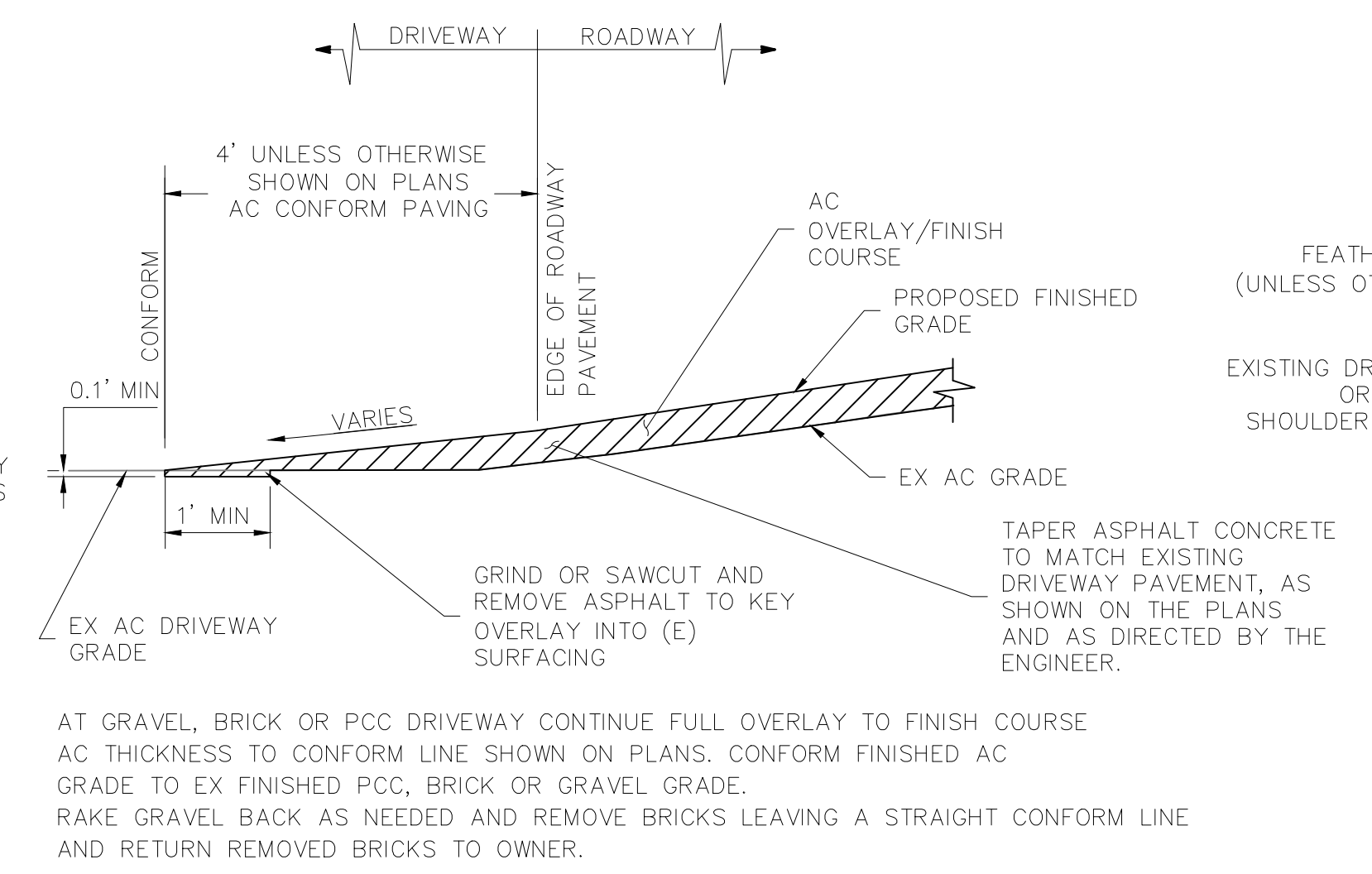
 2/9/24
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR

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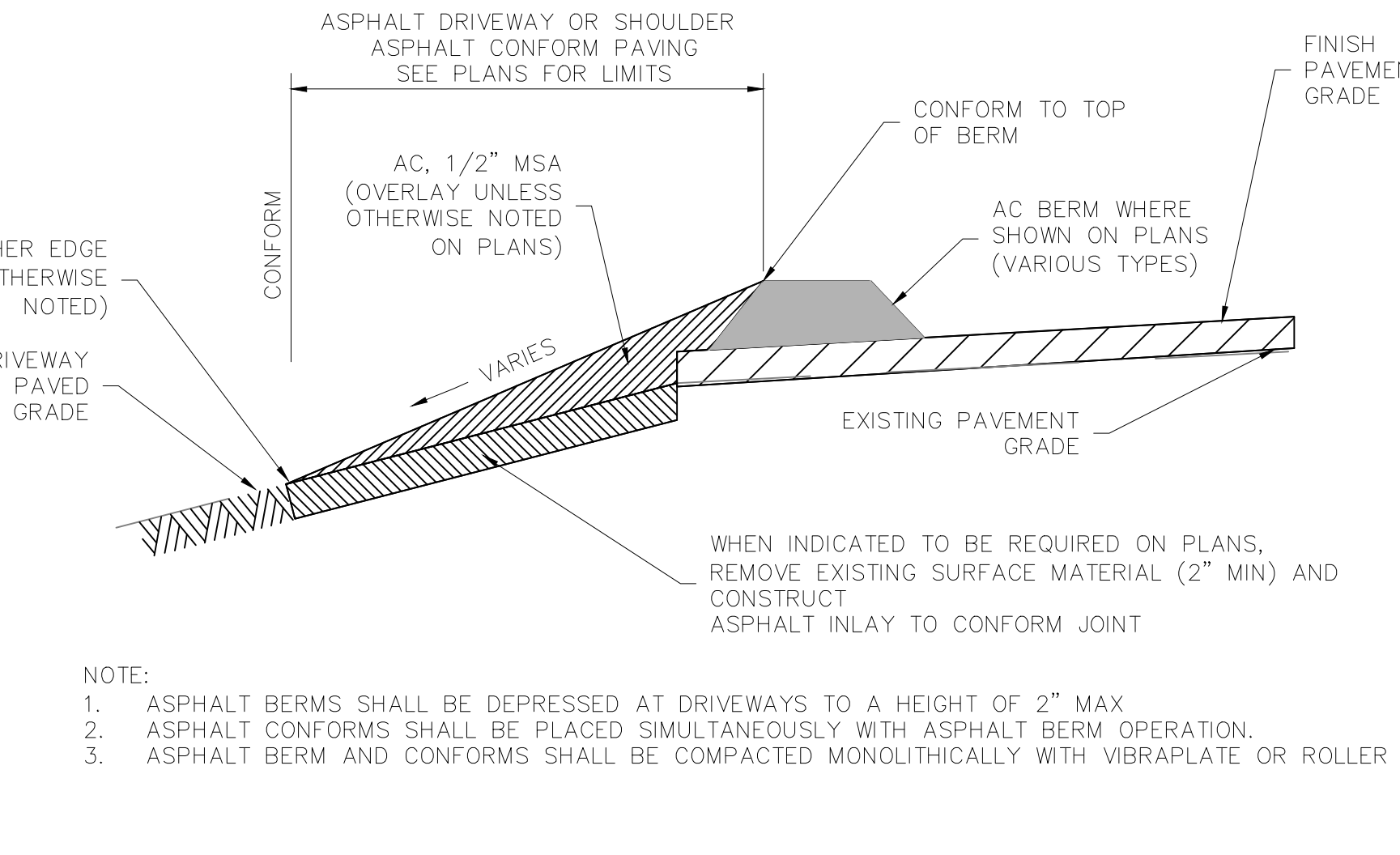
LOCATION MAP - PINE ST
 PLEASANT HILL RD TAYLOR
 BLVD
 SCALE: NTS SHEET 2 of 22



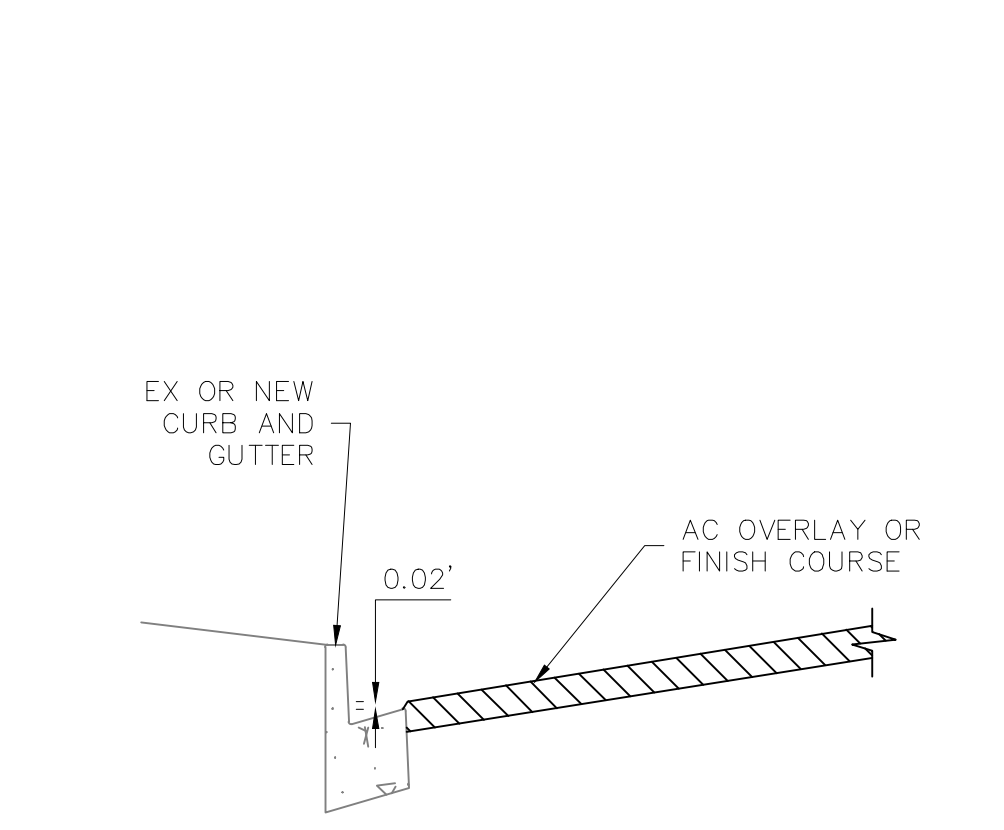
1
3 OVERLAY TRANSITION



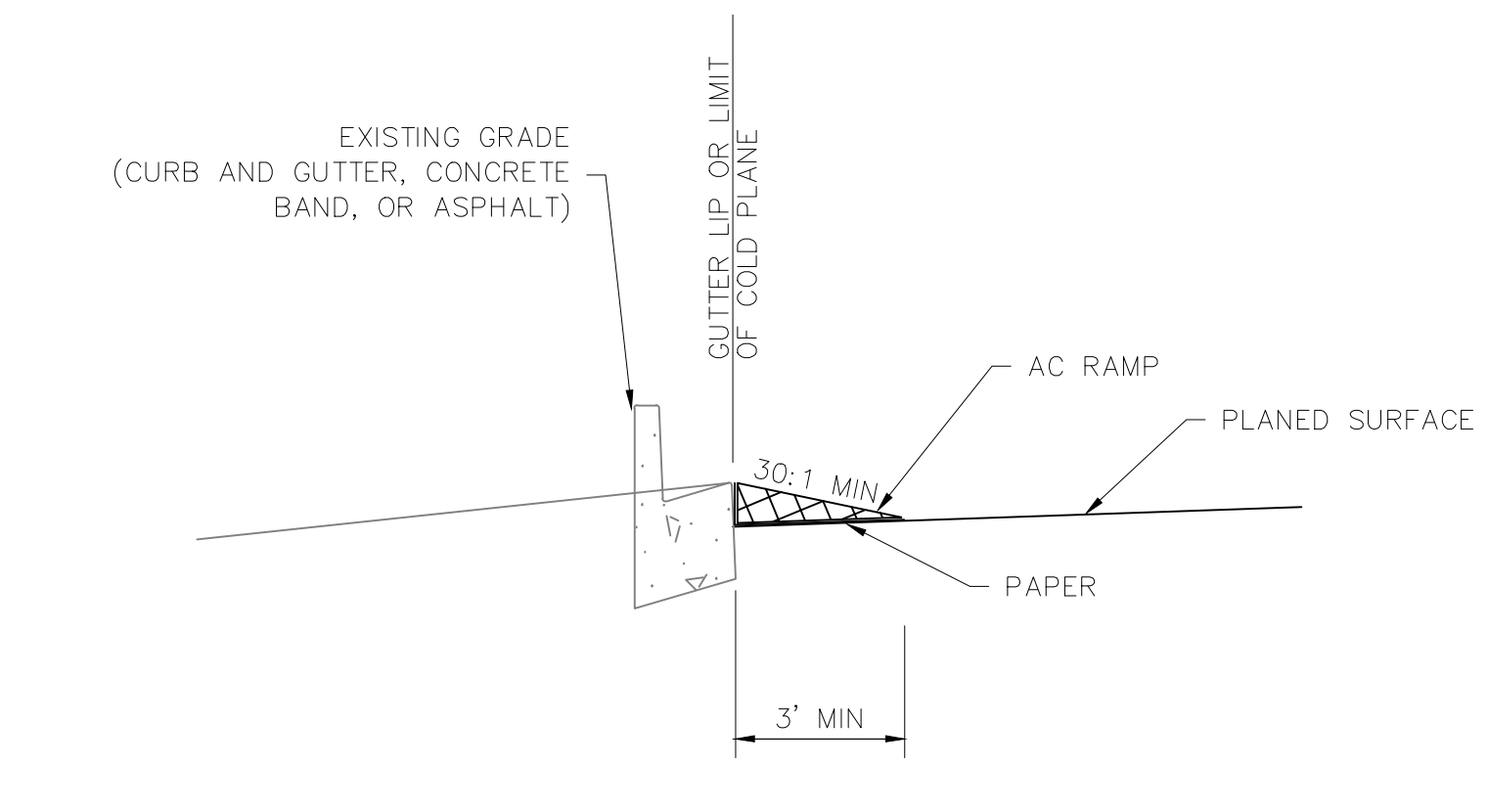
2
3 TYPICAL DRIVEWAY AND SHOULDER CONFORM PAVING



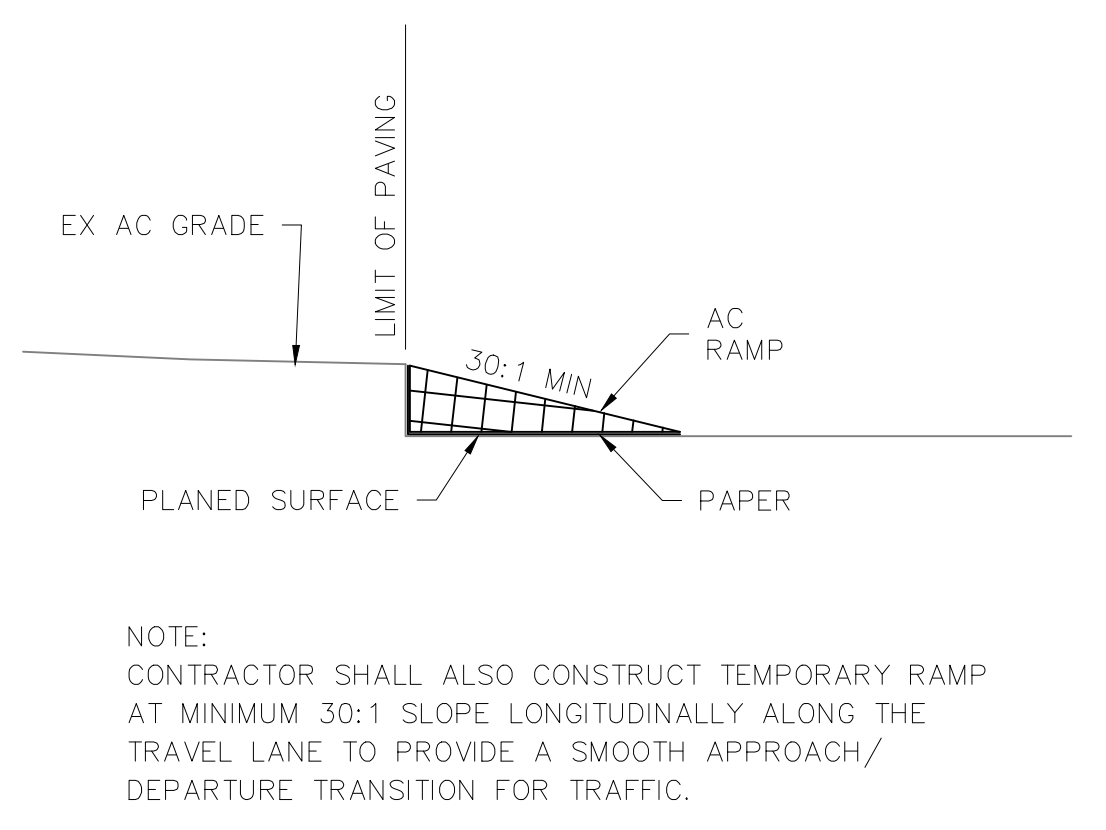
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3 LONGITUDINAL CONFORM GRIND



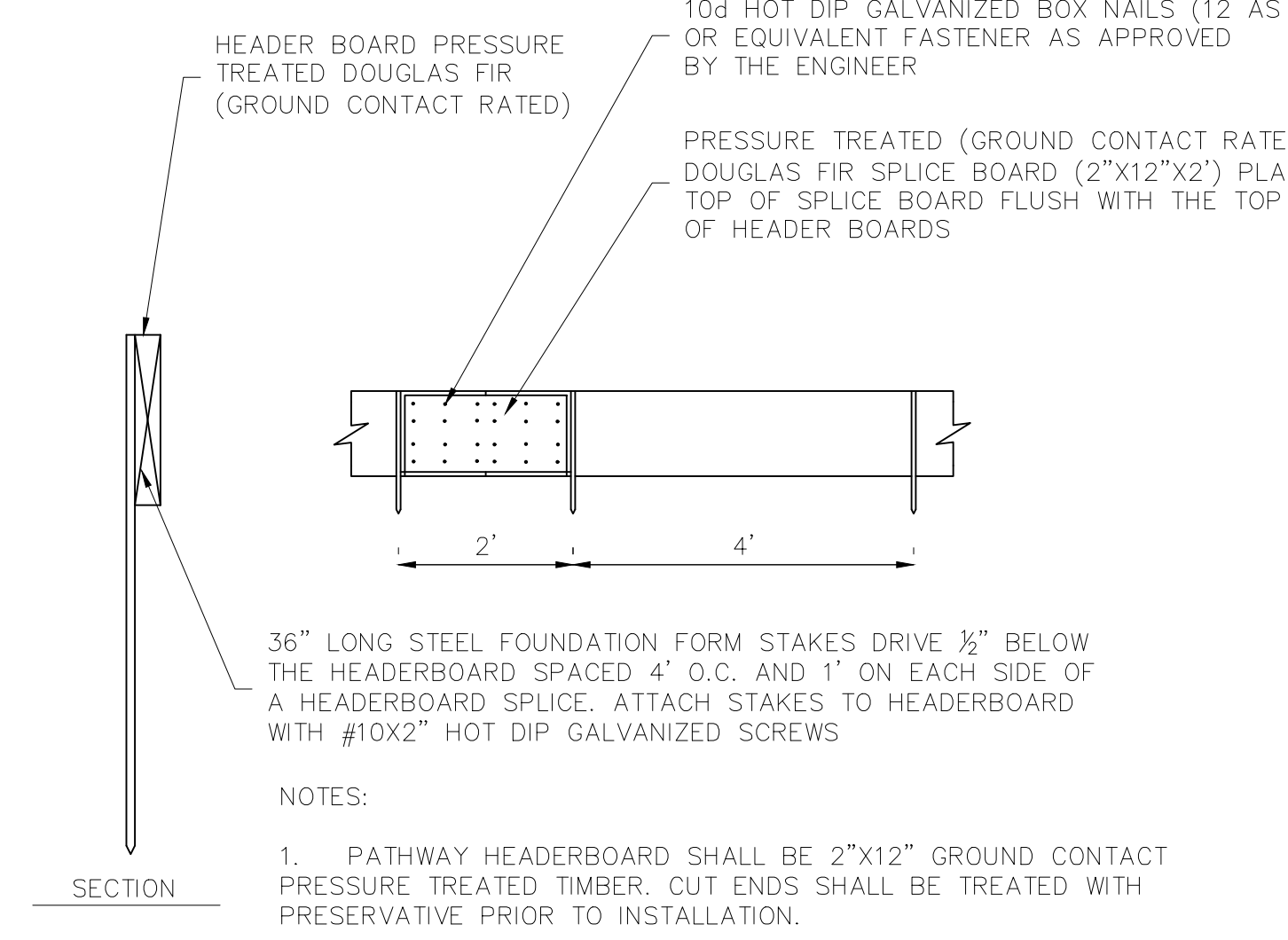
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3 ASPHALT CONCRETE PAVING AT GUTTER LIP



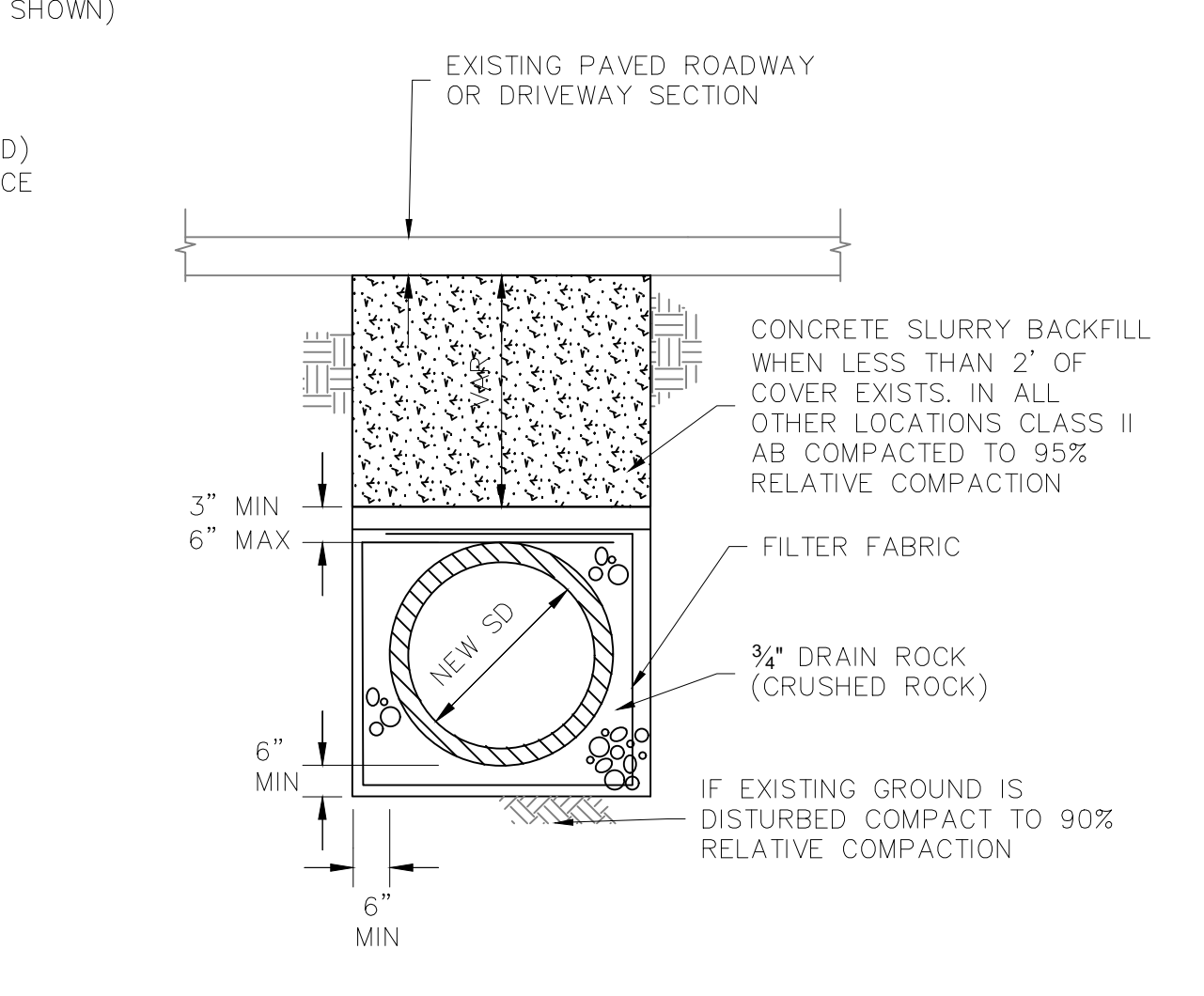
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3 TEMPORARY ASPHALT CONCRETE RAMP AT DRIVEWAYS, CROSSWALKS, VALLEY GUTTER AND SIDE STREET CONFORMS



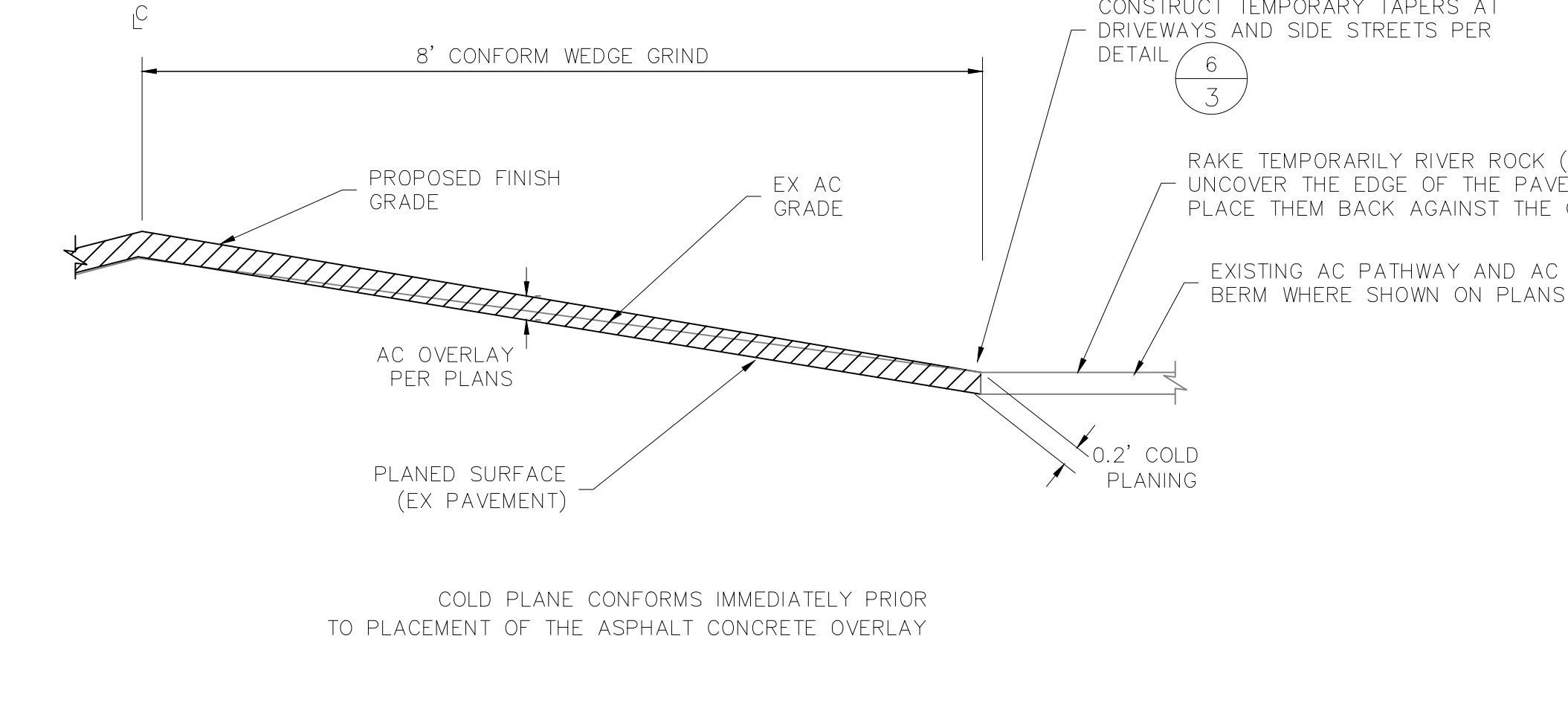
6
3 TEMPORARY ASPHALT CONCRETE RAMP AT TRANSVERSE CONFORMS



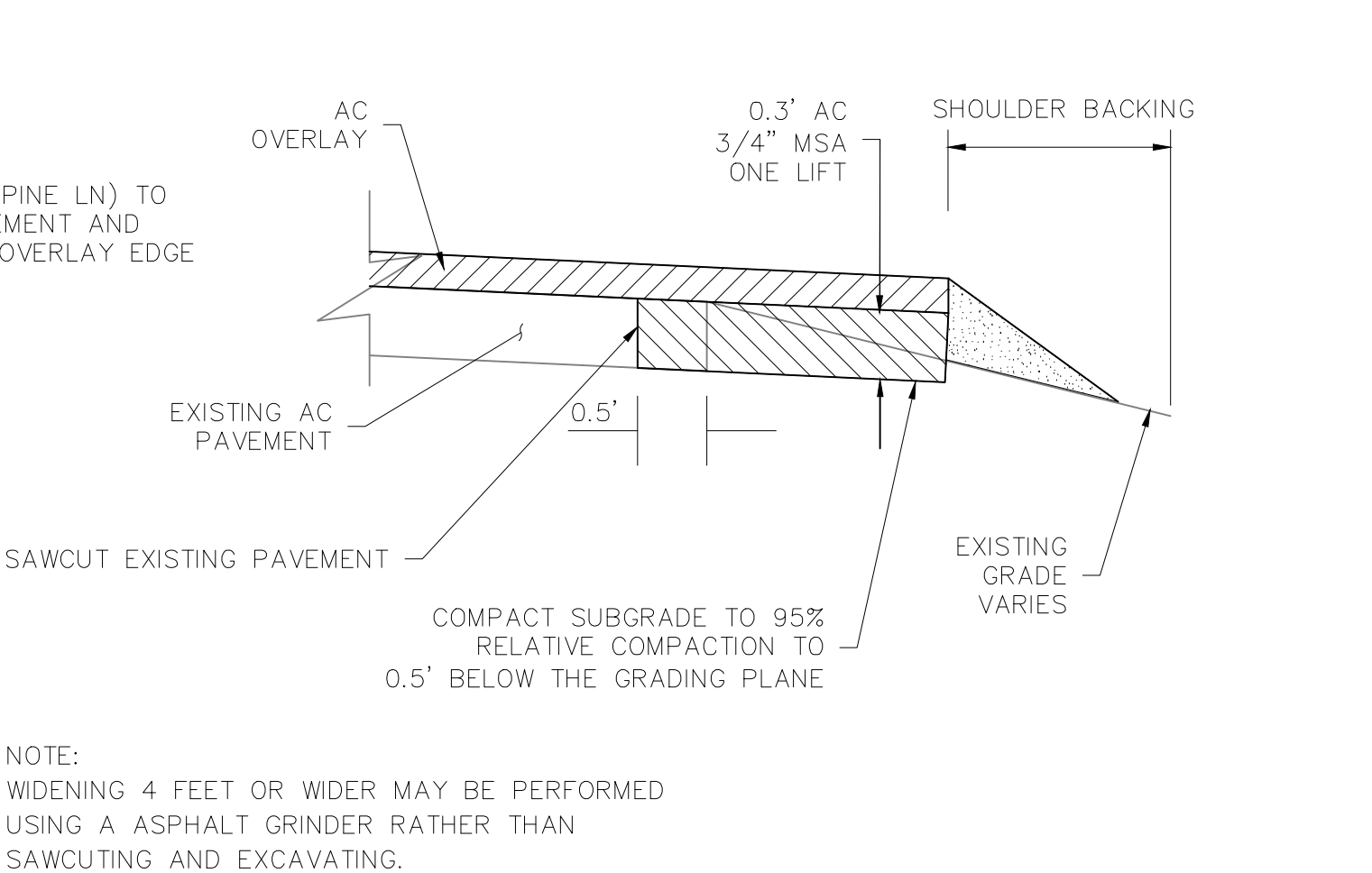
7
3 HEADER BOARD WITH FORM STAKES



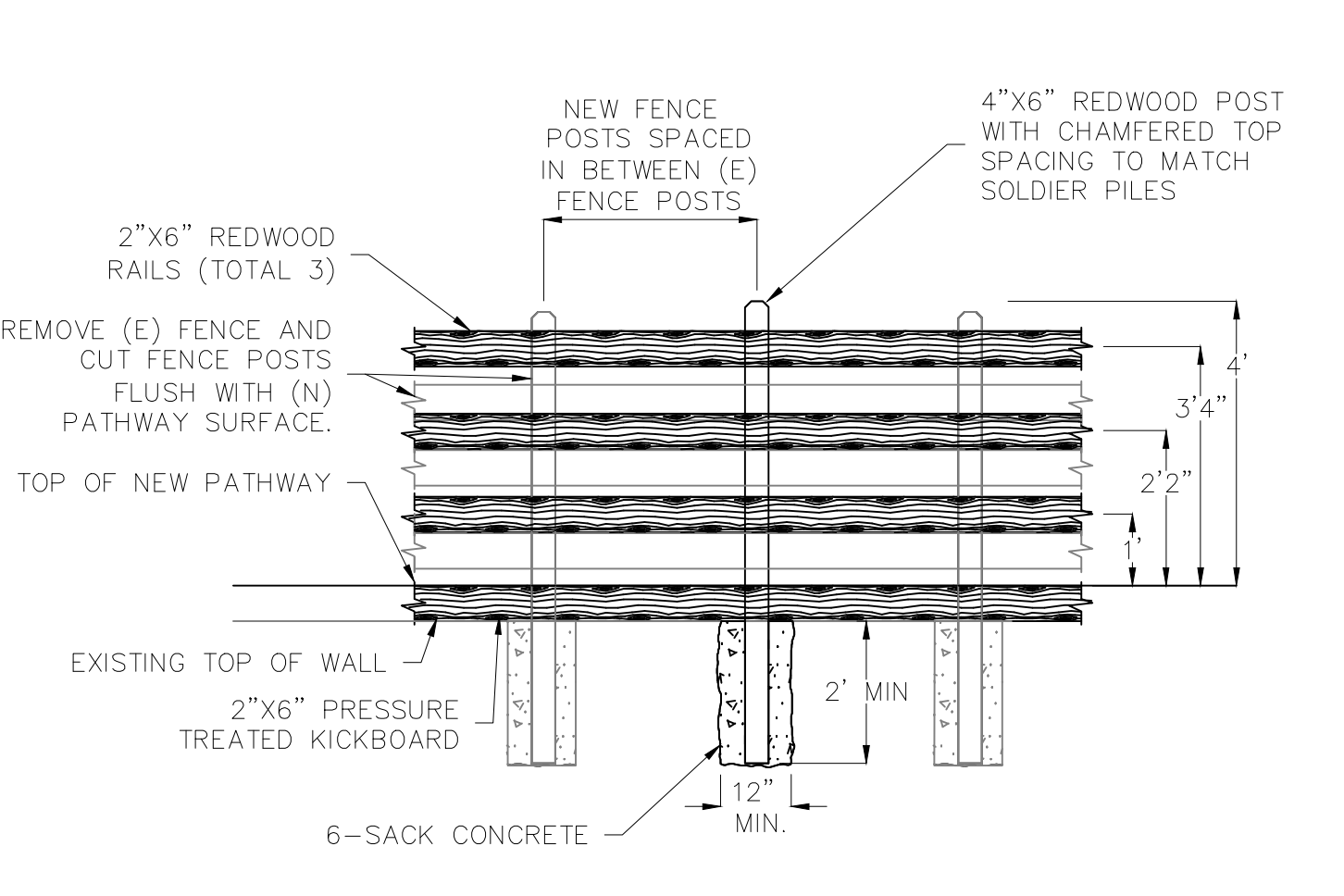
8
3 STORM DRAIN TRENCH IN ROADWAY AREA



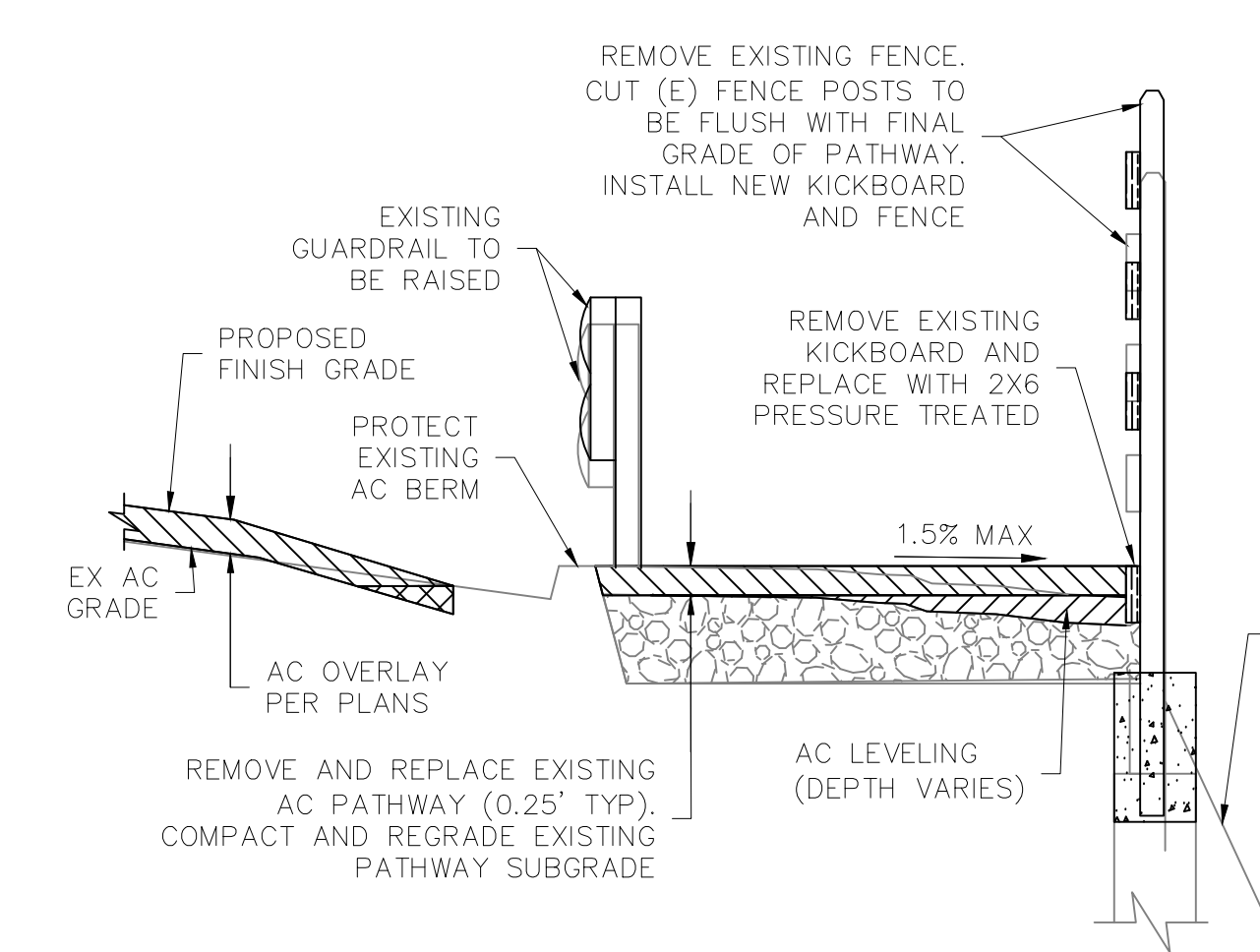
9
3 FULL LANE WIDTH LONGITUDINAL CONFORM GRIND



10
3 AC SHOULDER WIDENING



11
3 FENCWORK ON ACALANES NTS



12
3 REPAVE ASPHALT PATHWAY NTS

DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	JML
REVIEWED BY:	MM
DATE:	2/9/2024
DATE:	2/9/2024

SIGN: *Michael Moran* DATE: 2/9/24

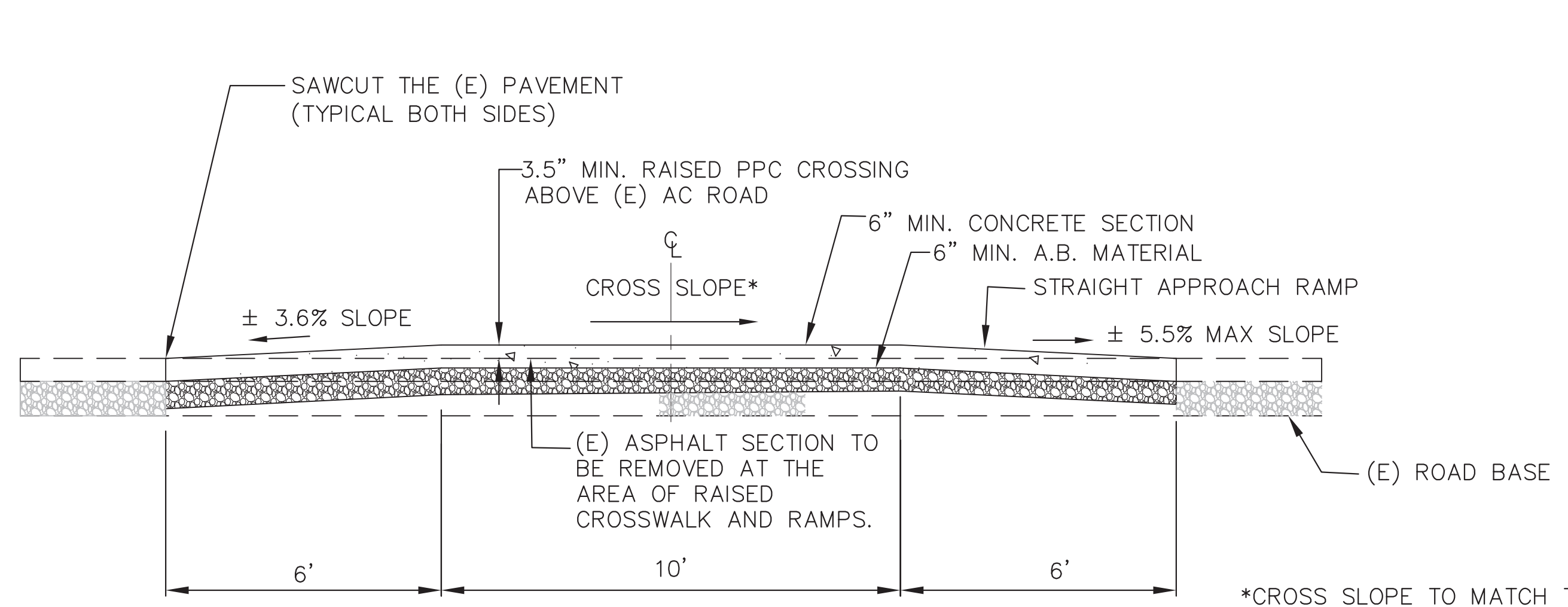
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LAFAYETTE

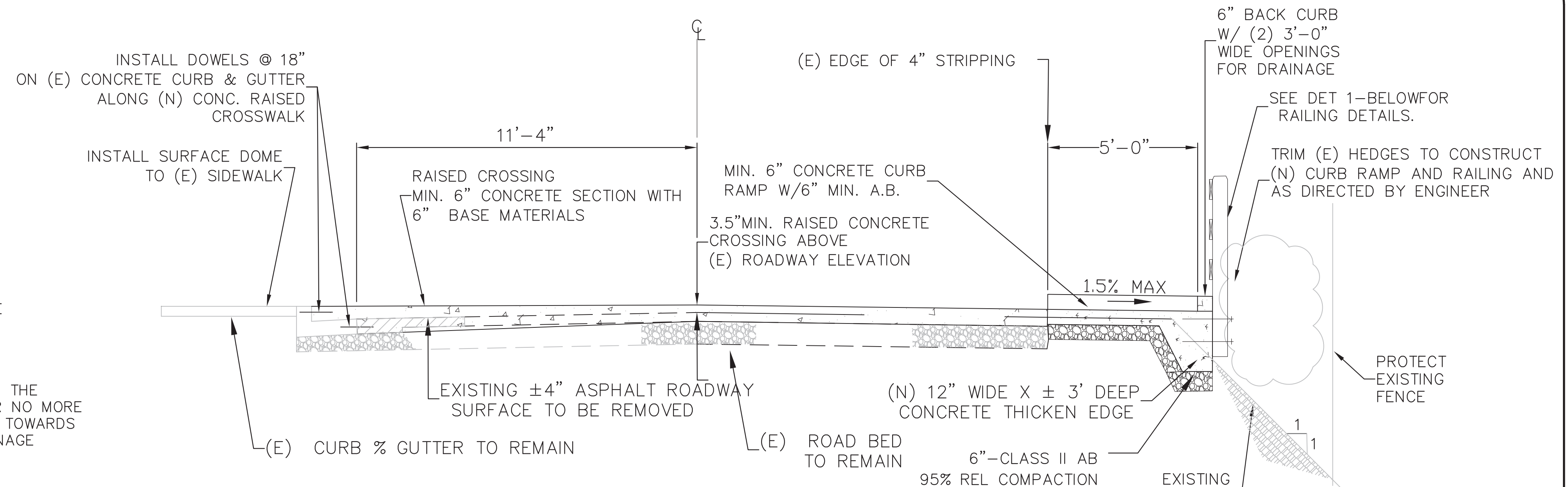
REVIEWED BY:
CITY OF LAFAYETTE
Michael Moran
MICHAEL MORAN, PUBLIC WORKS DIRECTOR
2/9/24

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PROJECT NO. 014-9741
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CONTRA COSTA COUNTY CALIFORNIA

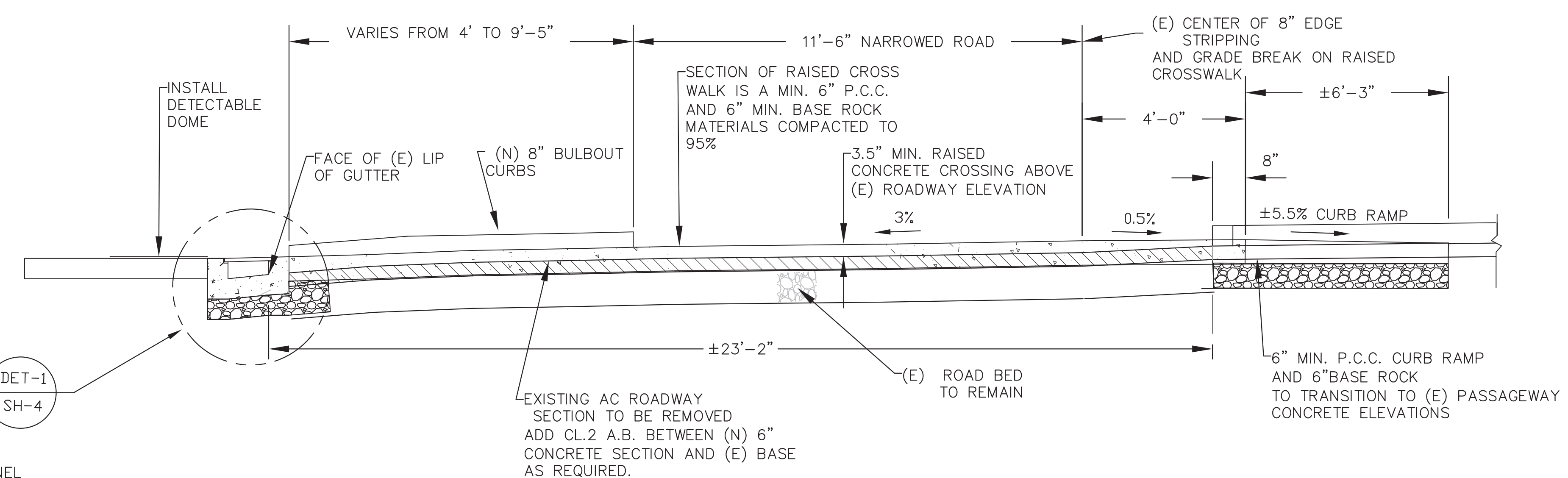
CONSTRUCTION DETAILS
SCALE: NTS SHEET 3 of 22



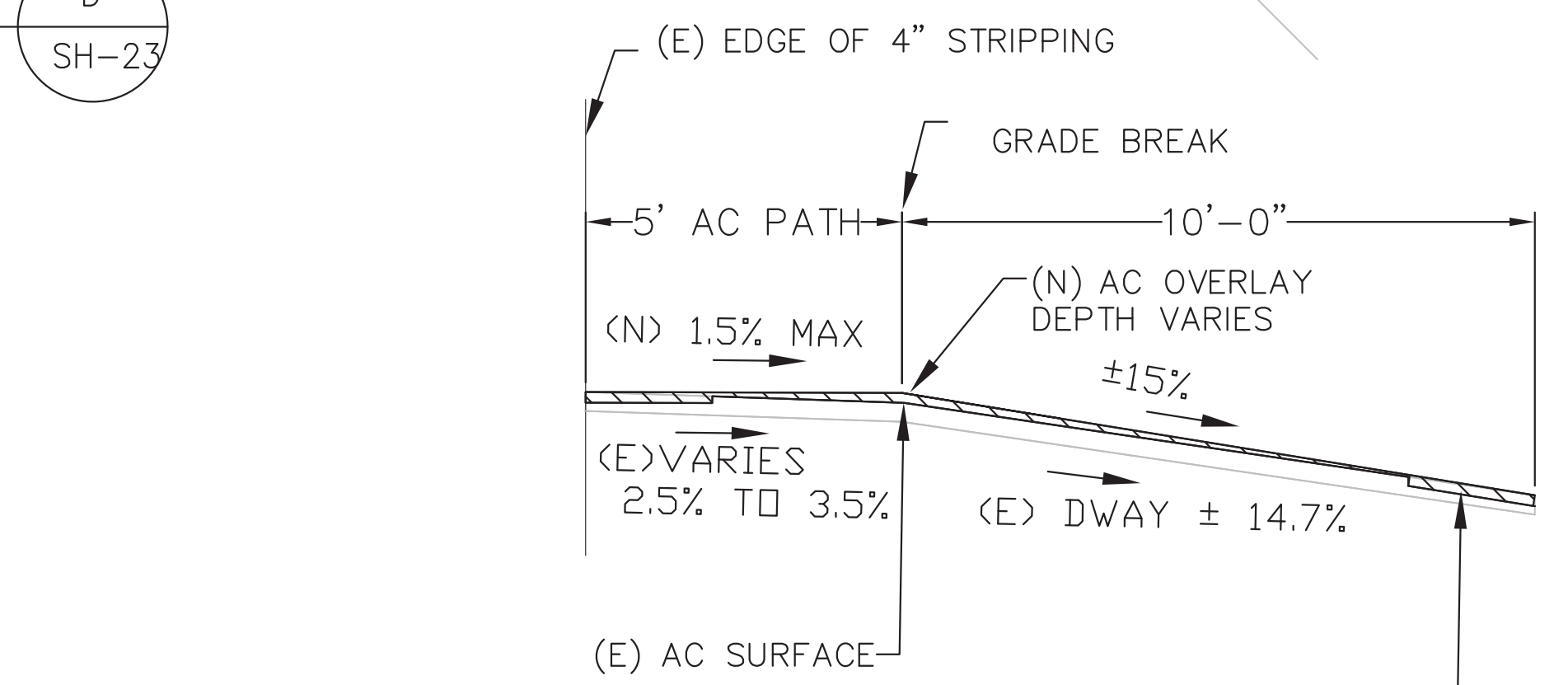
SITE 1- CONCRETE RAISED CROSSING SECTION A
NTS SH-21



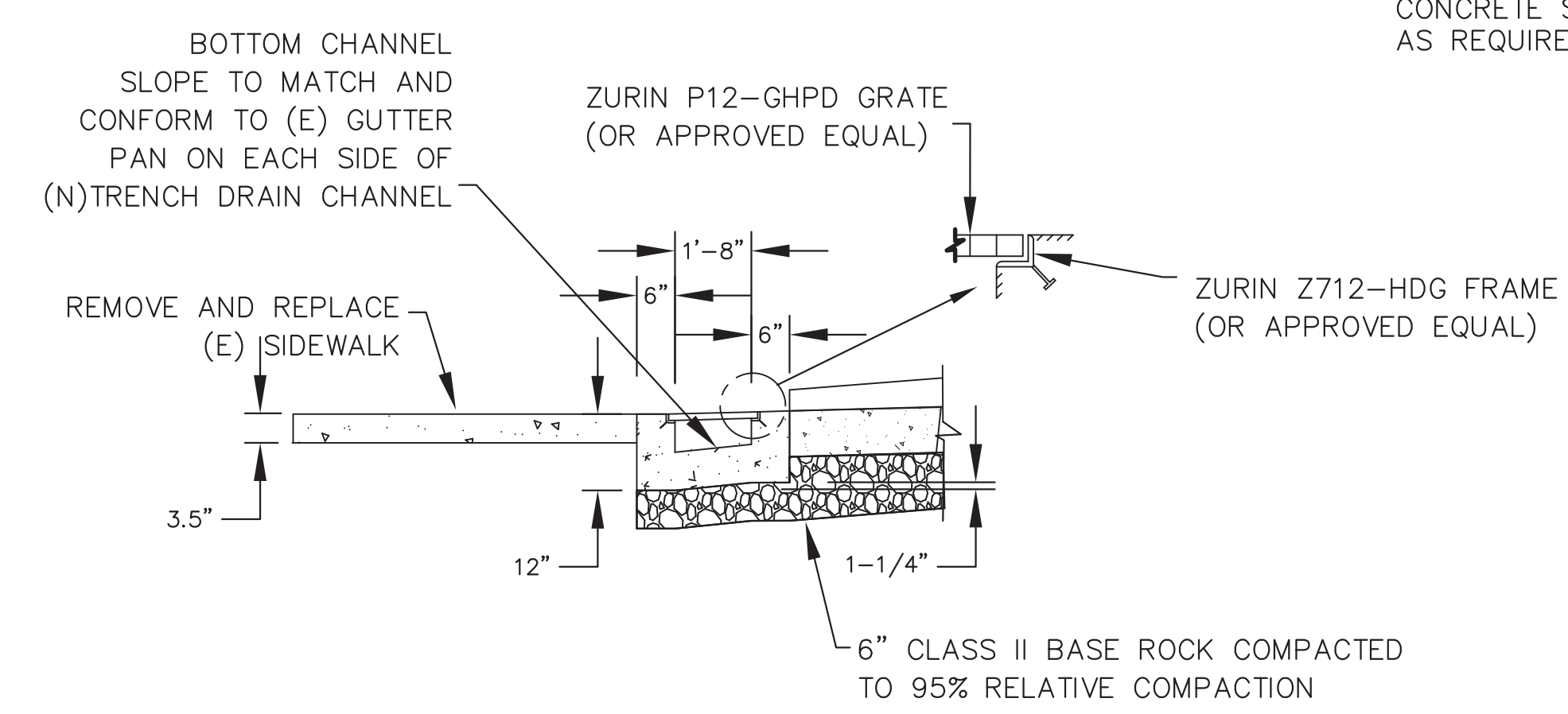
SITE 2- CONCRETE RAISED CROSSING SECTION D
NTS SH-23



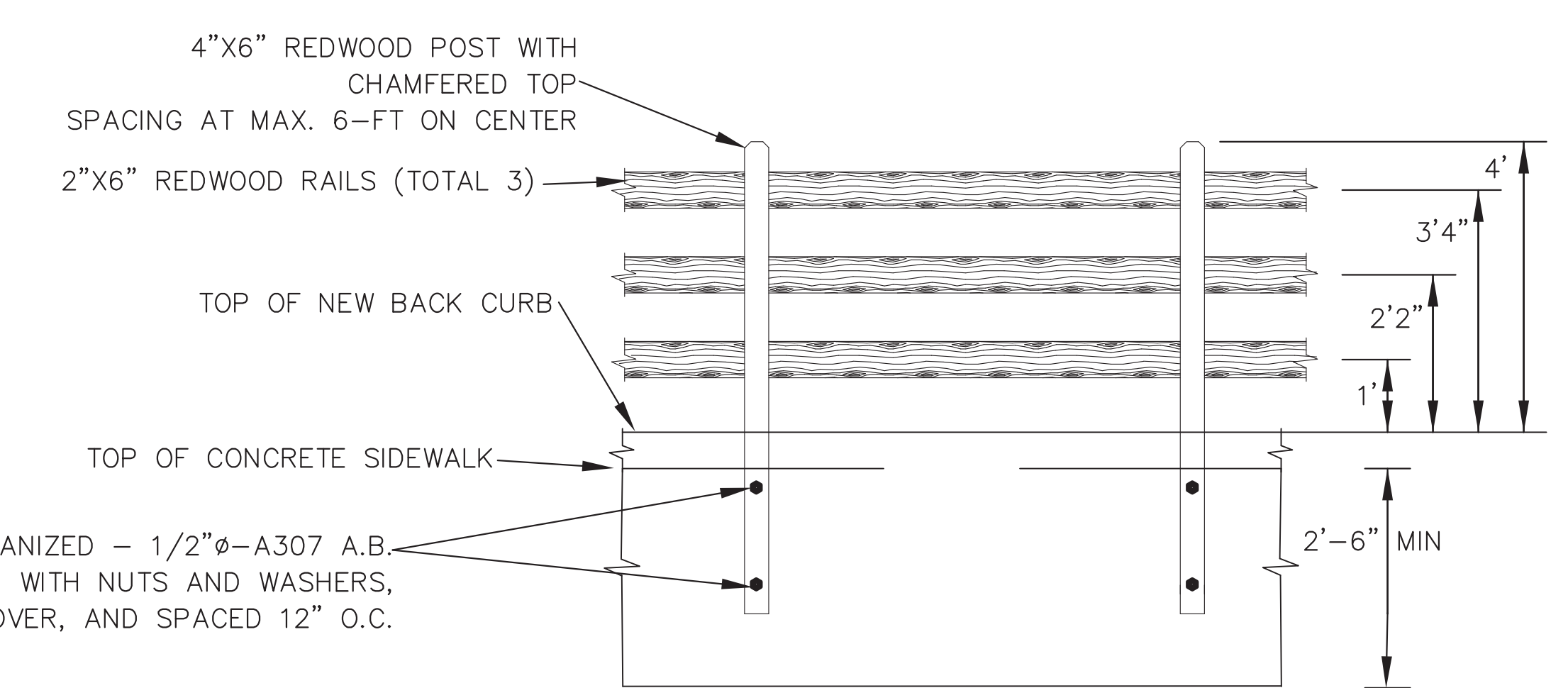
SITE 1- CONCRETE RAISED CROSSING SECTION B
ALONG CENTER OF CROSSWALK NTS SH-21



SITE 2- AC OVERLAY AT ADA PATHWAY F
NTS SH-23



NEW CROSSWALK TRENCH DRAIN DETAIL 1
NTS



SITE 2- WOOD RAILING DETAIL 1
AT SOUTH CURB RAMP NTS SH-23

REDWOOD SHALL BE CONSTRUCTION HEART GRADE OR BETTER AND TREATED WITH "CABOTS" CLEAR SOLUTION PRIOR TO FABRICATION FENCE RAILS SHALL BE ATTACHED W/ 3/8" Ø CARRIAGE BOLTS WITH A PLAIN WASHER RECESS BOLTHEADS FLUSH WITH THE RAIL.

DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	MM
REVIEWED BY:	AB
DATE:	2/8/2024
DATE:	2/8/2024

Ana Bernards
 SIGN: DATE: 2/6/2024

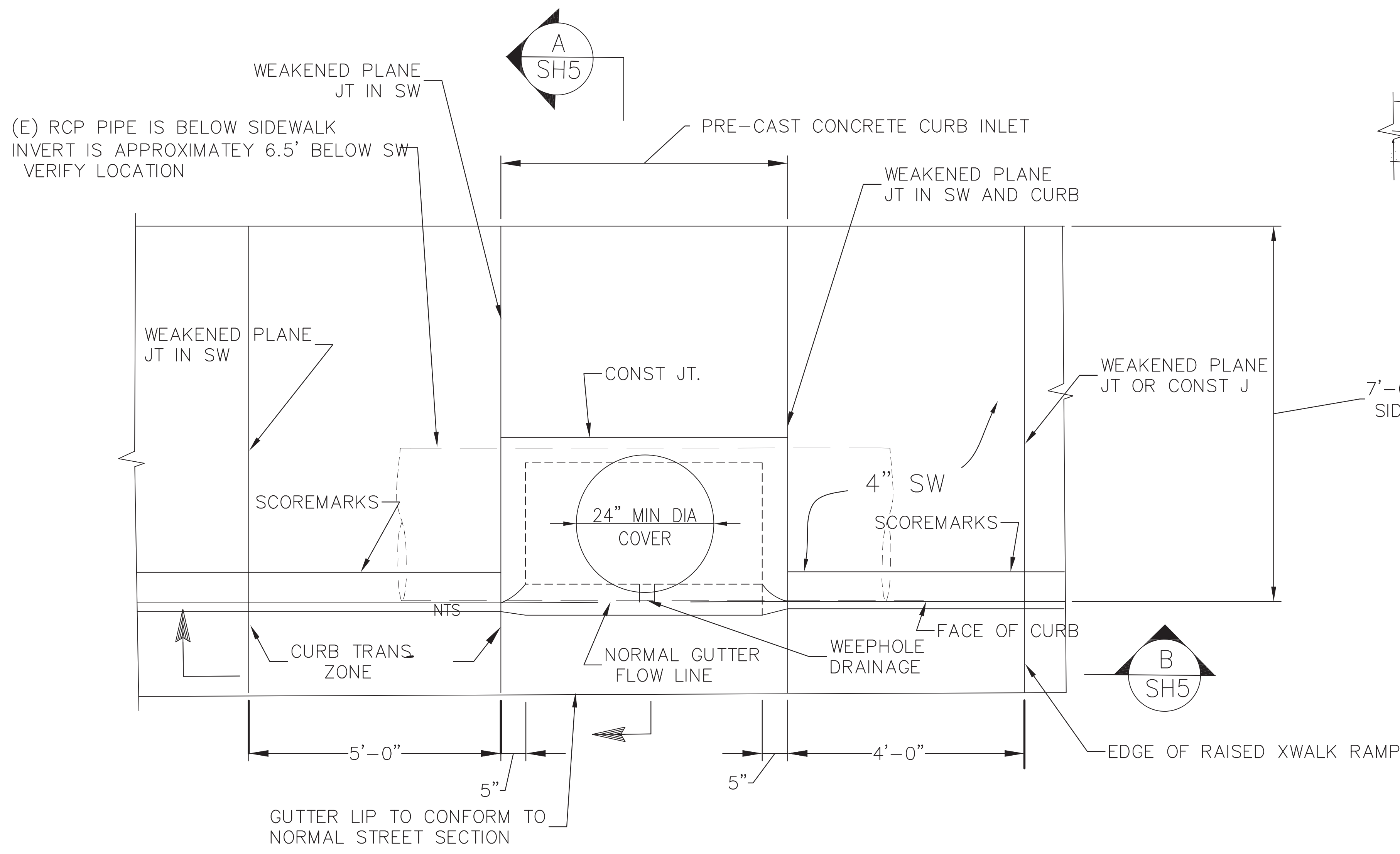
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 2/6/2024

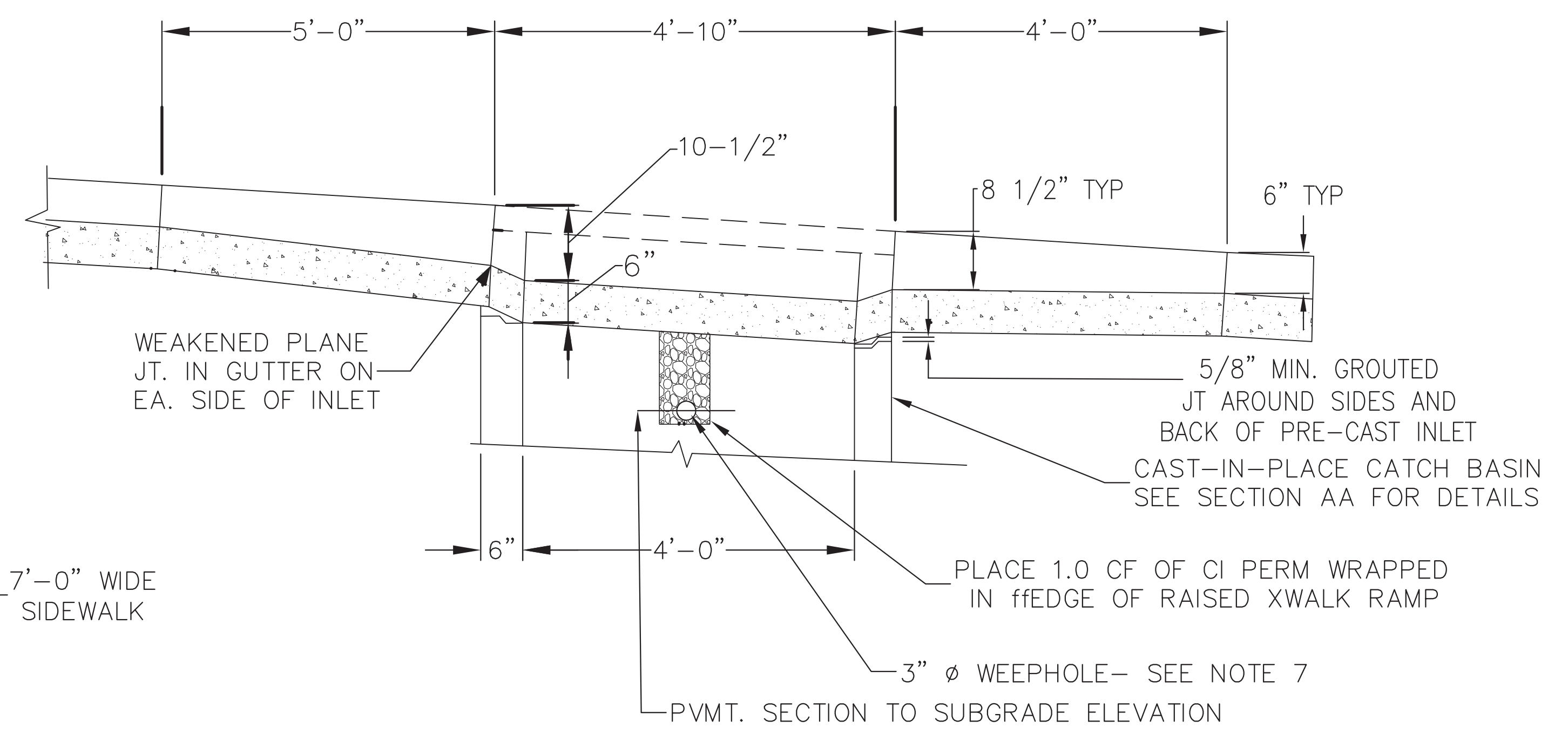
CITY OF LAFAYETTE
 PROJECT NO. 014-9741
 2024 ROAD PAVING
 PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

CONSTRUCTION DETAILS
 SCALE: AS NOTED
 SHEET 4 of 23

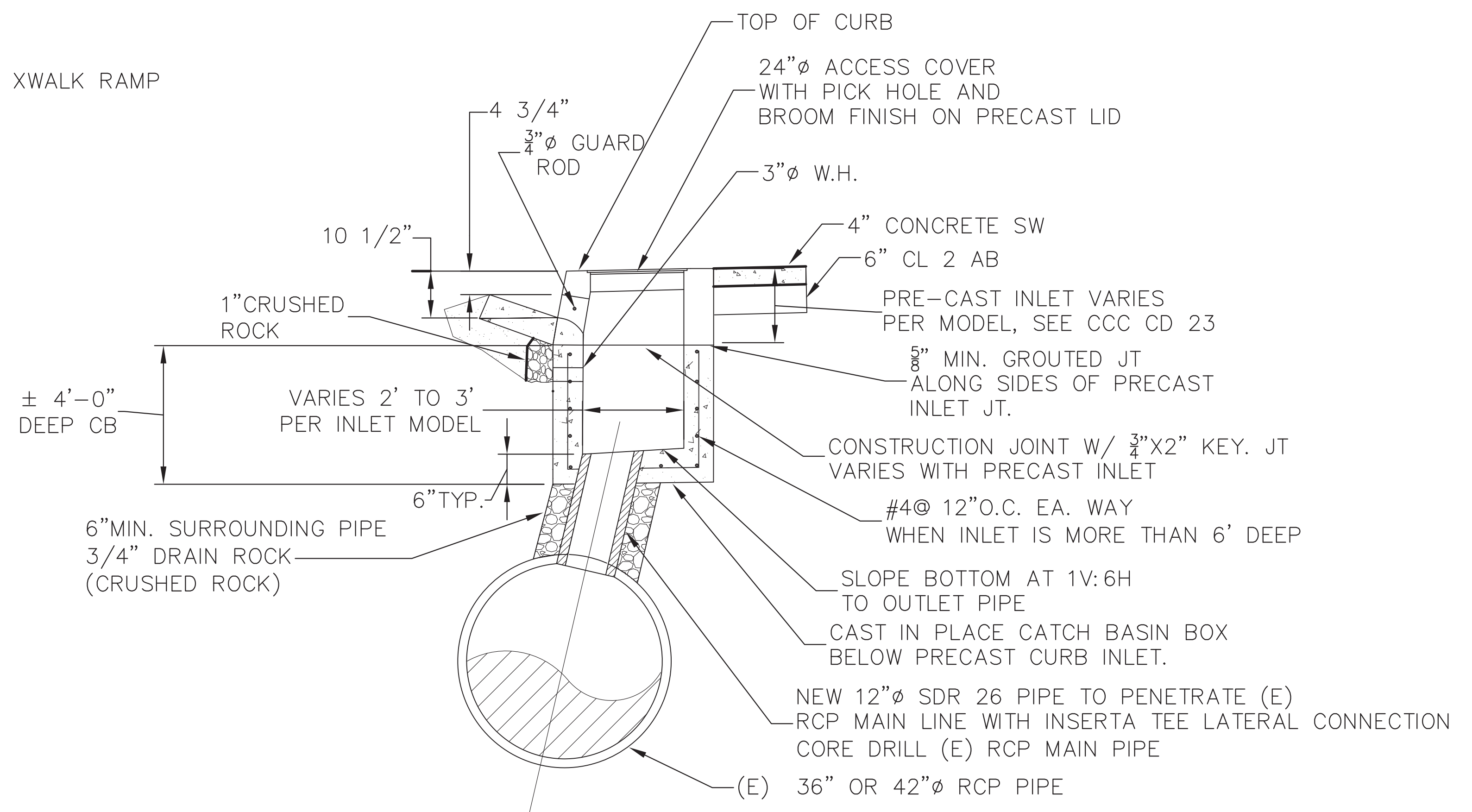


1 NEW TYPE D CURB INLET, SEE CONTRA COSTA COUNTY STANDARD PLAN CD 23 AND CD 35 FOR NOTES AND DETAILS NOT SHOWN ON THIS SHEET.

SITE 2- STORM DRAIN INLET DETAIL
NTS
1
SH-23



SITE 2- SD INLET SECTION
NTS
B
SH-5



SITE 2- SD INLET SECTION
NTS
A
SH-5

DATE	MARK	REVISION	INIT.

Designed by: AB
 Drawn by: AB
 Checked by: JMI
 Reviewed by: MM
 Date: 2/8/2024

Ana Bernales
 SIGN: DATE: 2/6/2024

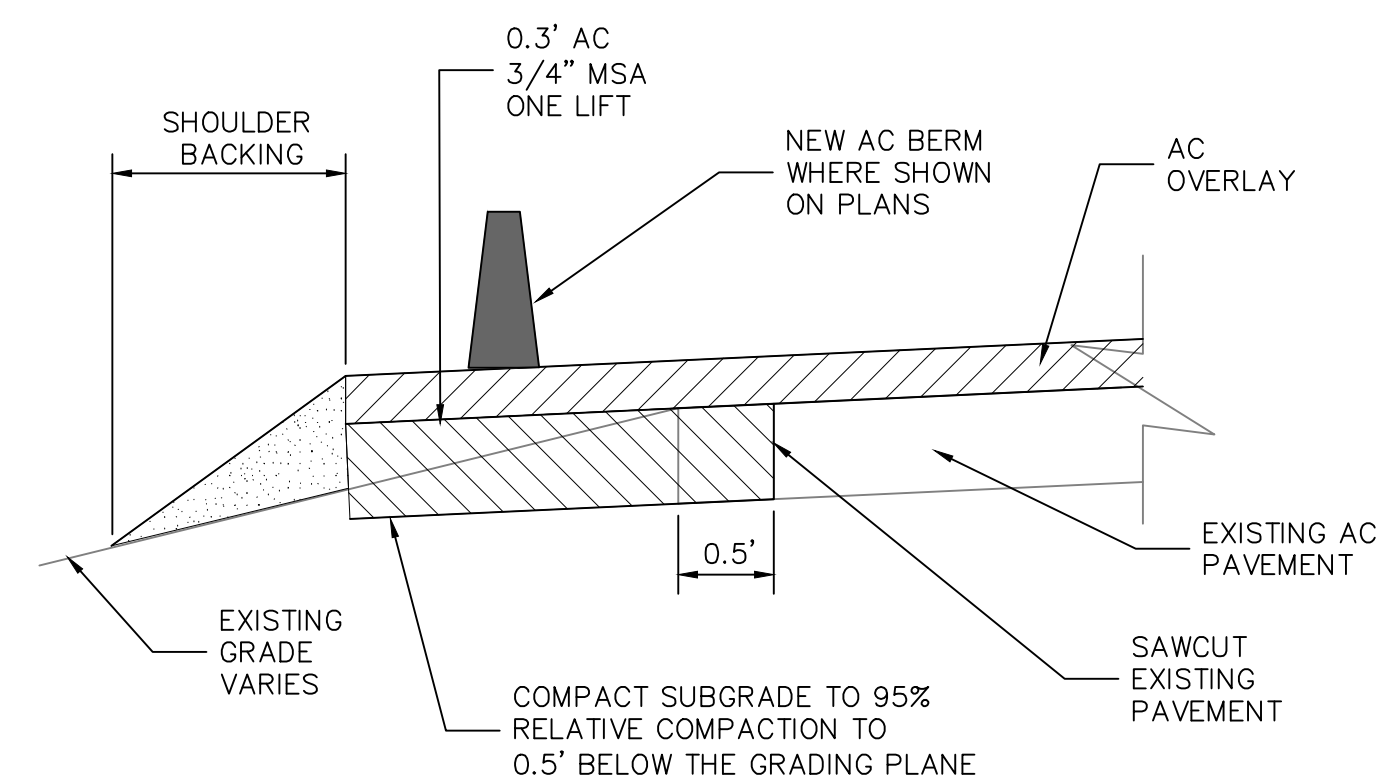


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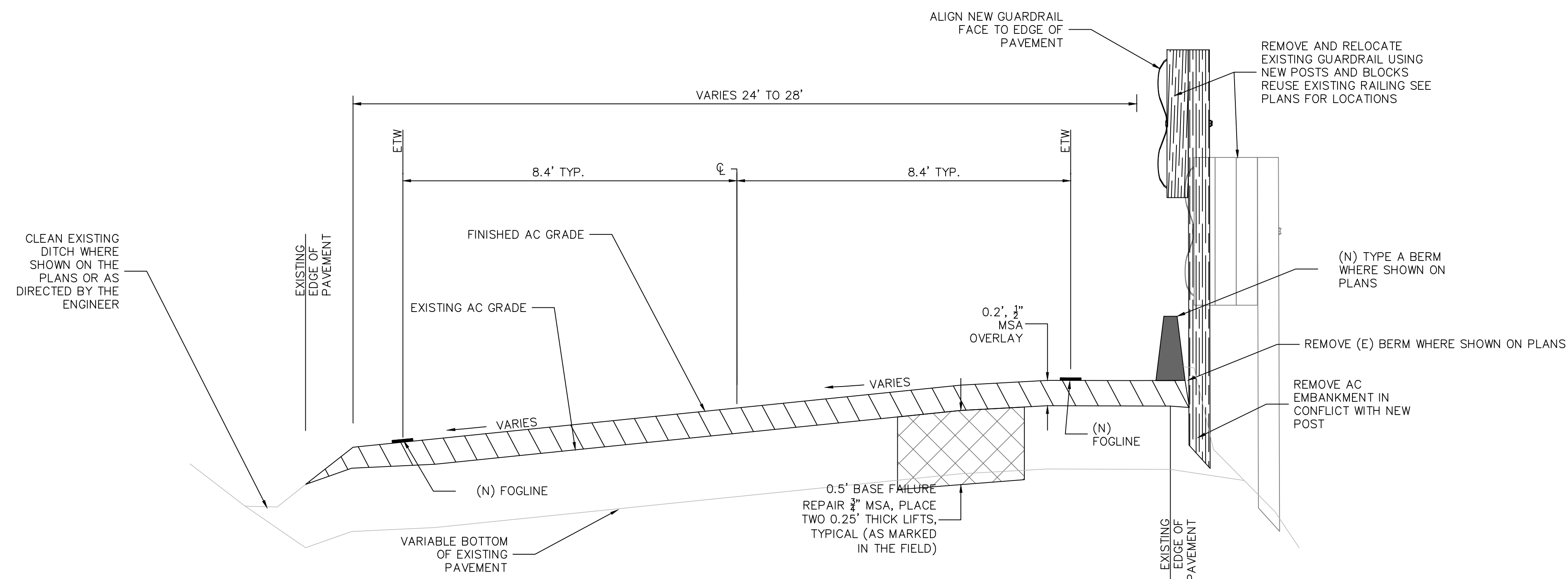
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 CITY OF LAFAYETTE
Michael Moran
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR
 2/6/2024

CITY OF LAFAYETTE
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 CONTRA COSTA COUNTY CALIFORNIA

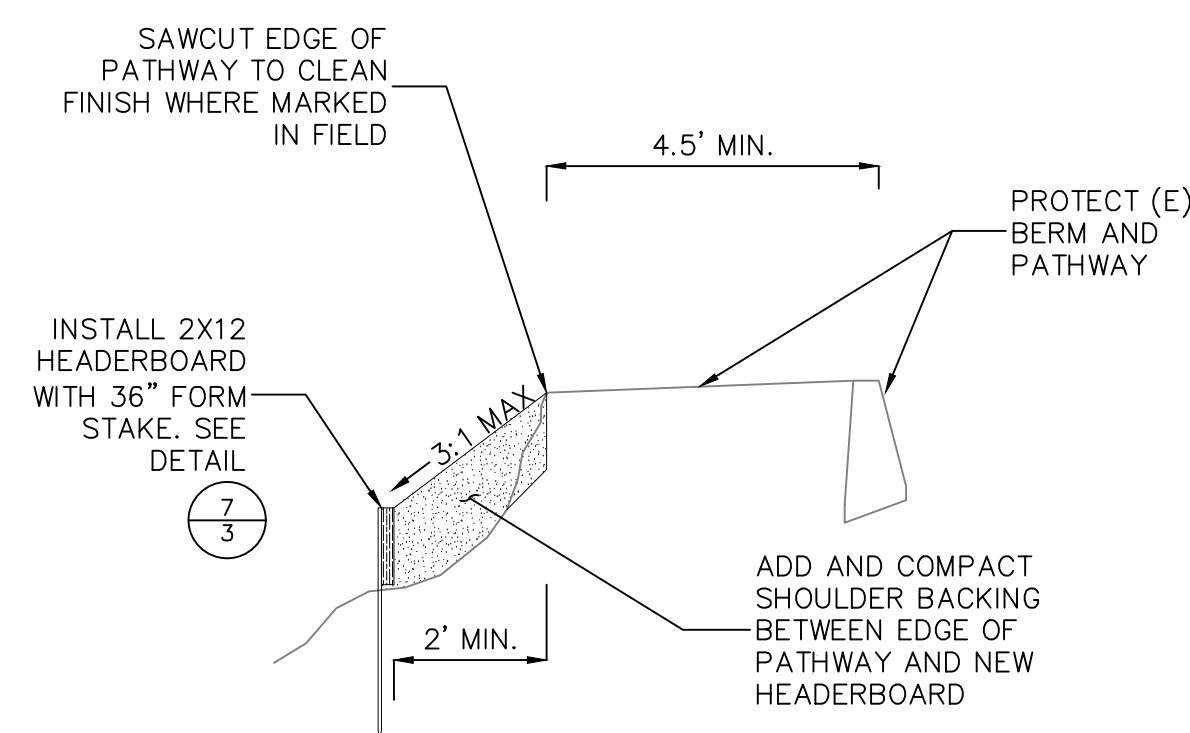
RAISED CROSSWALK
 SITE 2 - SD INLET
 SCALE: AS NOTED SHEET 5 of 25



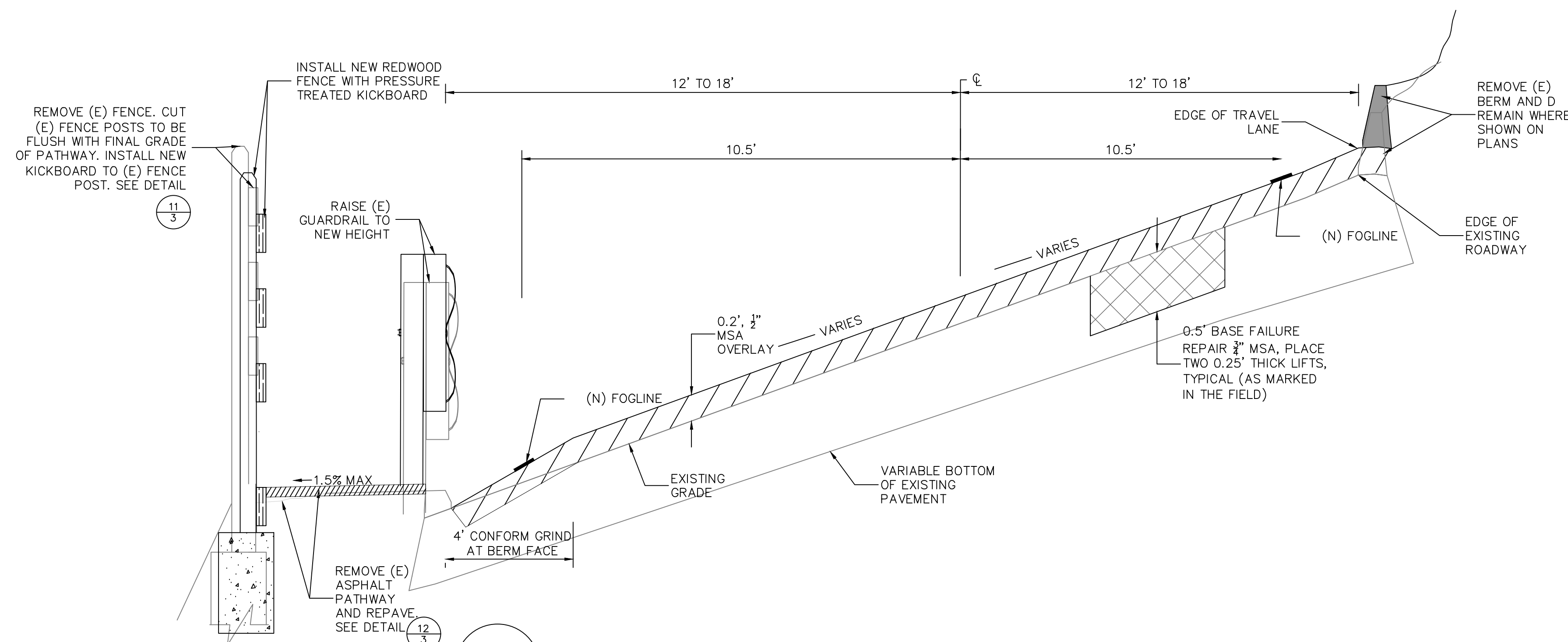
ACALANES ROAD
STA 19+00 TO 21+00



A
6
ACALANES ROAD
STA 17+00 TO 19+00



ACALANES ROAD
STA 13+50 TO 17+00



B
6
ACALANES ROAD
STA 12+50 TO 13+50

DATE	MARK	REVISION	INIT.

Designed by: TC
 Drawn by: TC
 Checked by: JML
 Reviewed by: MM
 Date: 2/9/2024

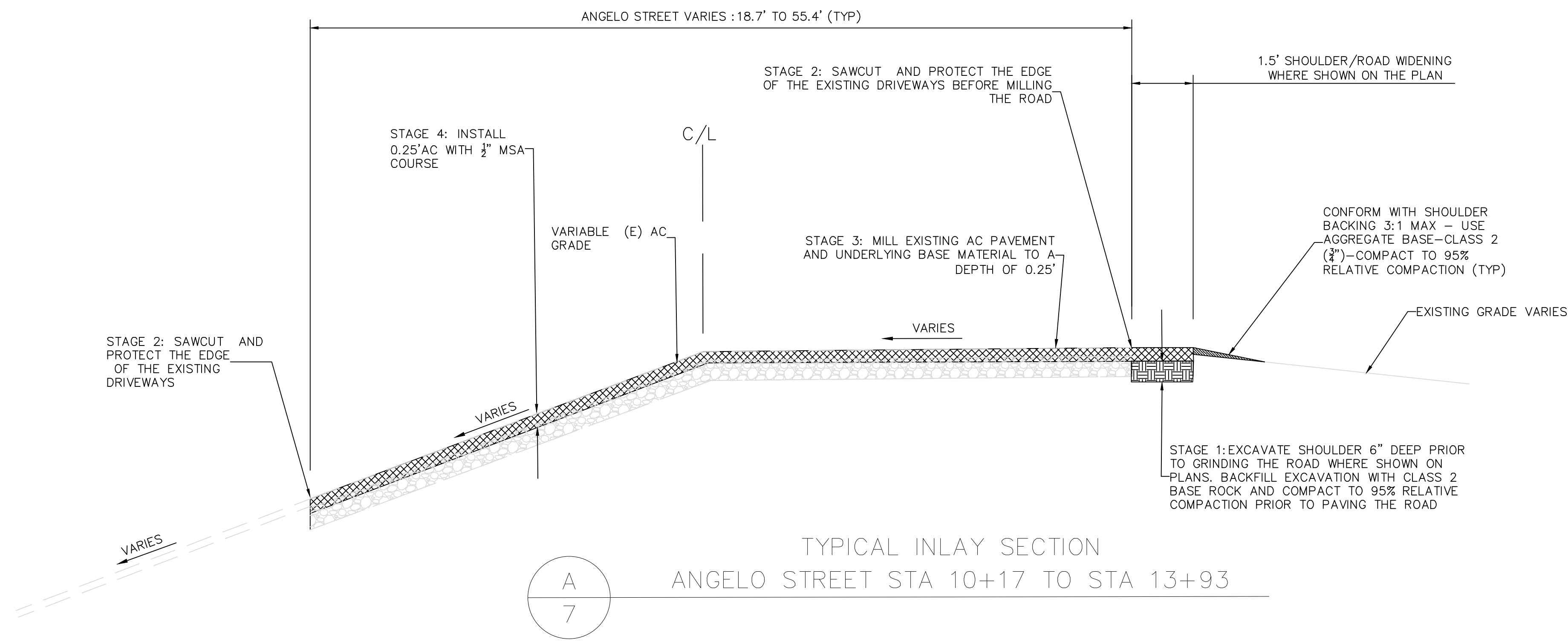
SIGN: *Timothy J. Clark*
 DATE: xx/xx/xx
 TIMOTHY J. CLARK
 No. 94681
 Exp. 6/30/25
 CIVIL
 STATE OF CALIFORNIA

LAFAYETTE
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REVIEWED BY:
 CITY OF LAFAYETTE
Michael Moran
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR
 xx/xx/xx

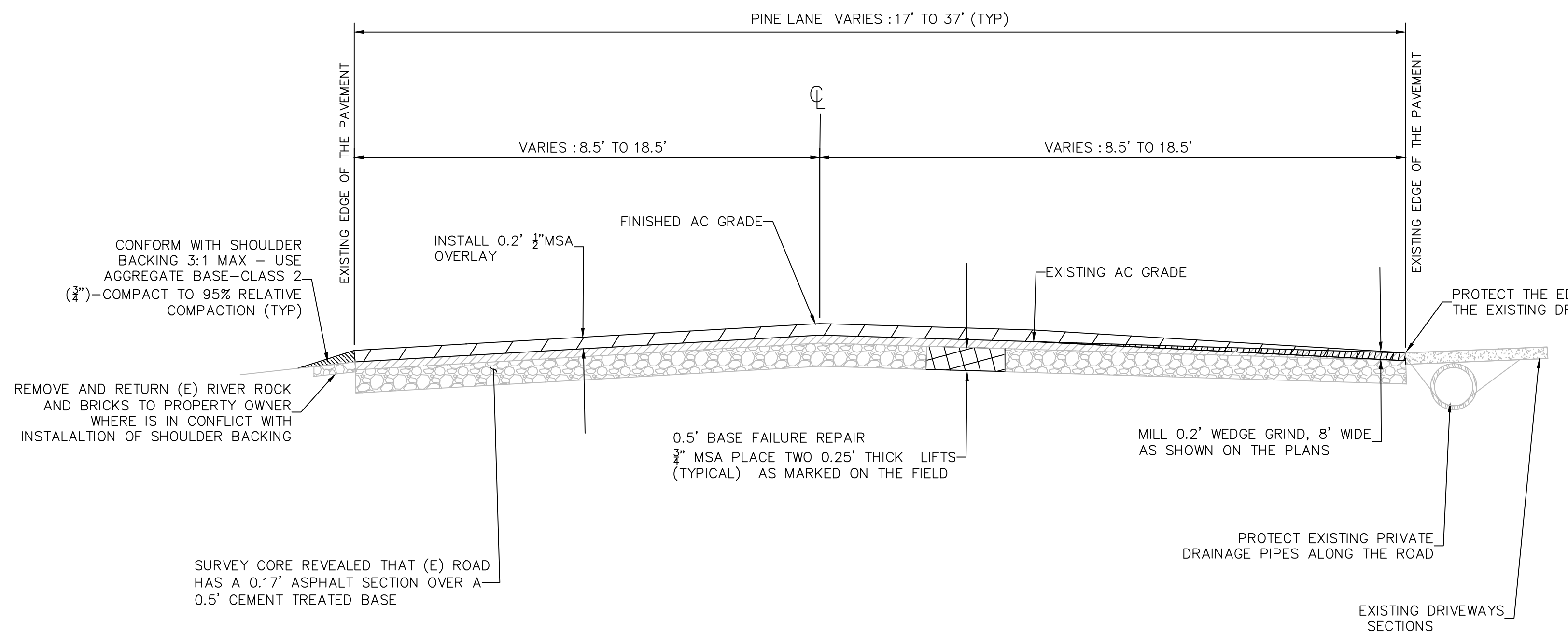
CITY OF LAFAYETTE
 PROJECT NO. 014-9741
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 PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

ACALANES ROAD TYPICAL
 SCALE: 1" = 20'
 SHEET 6 of 22



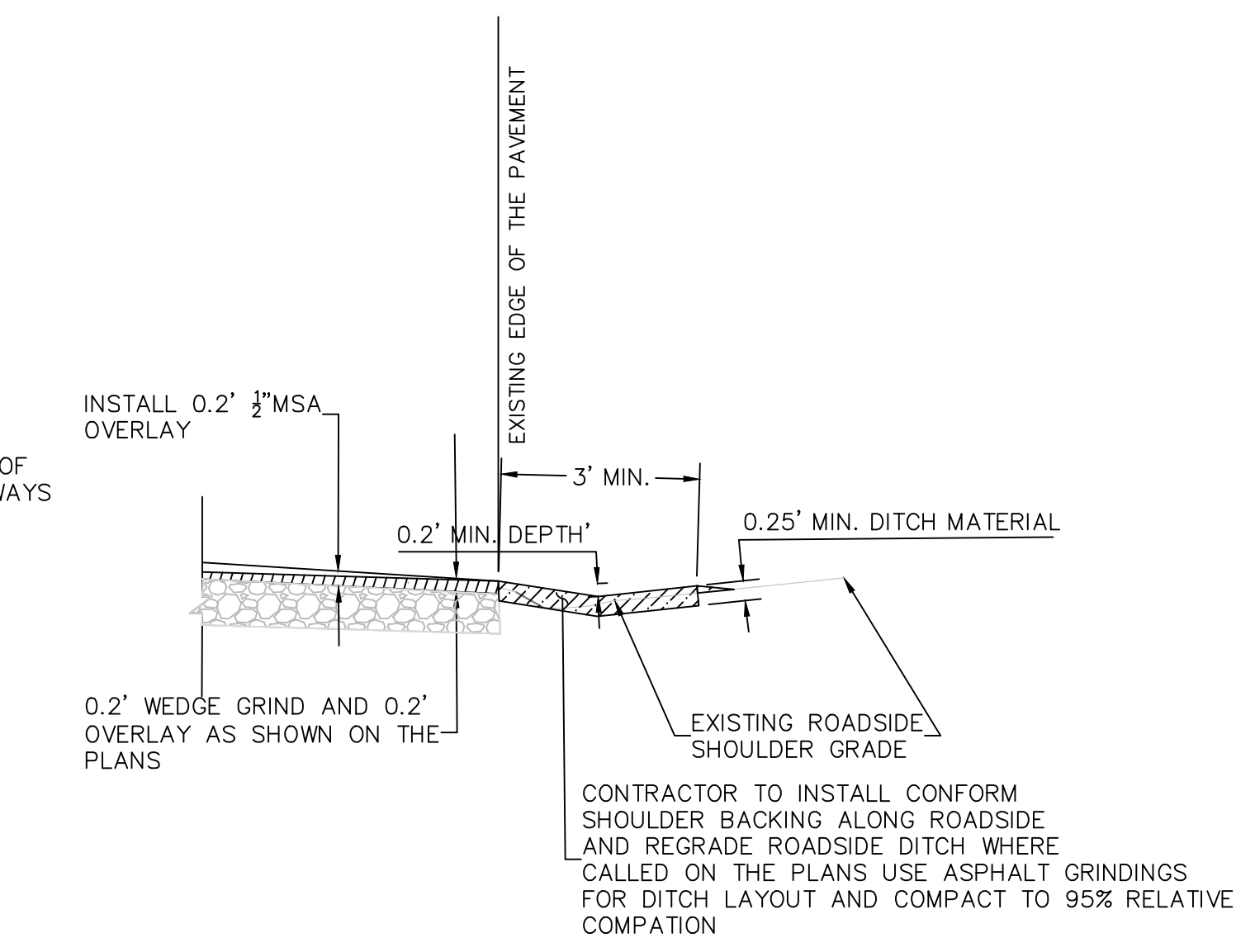
TYPICAL INLAY SECTION
ANGELO STREET STA 10+17 TO STA 13+93

A
7



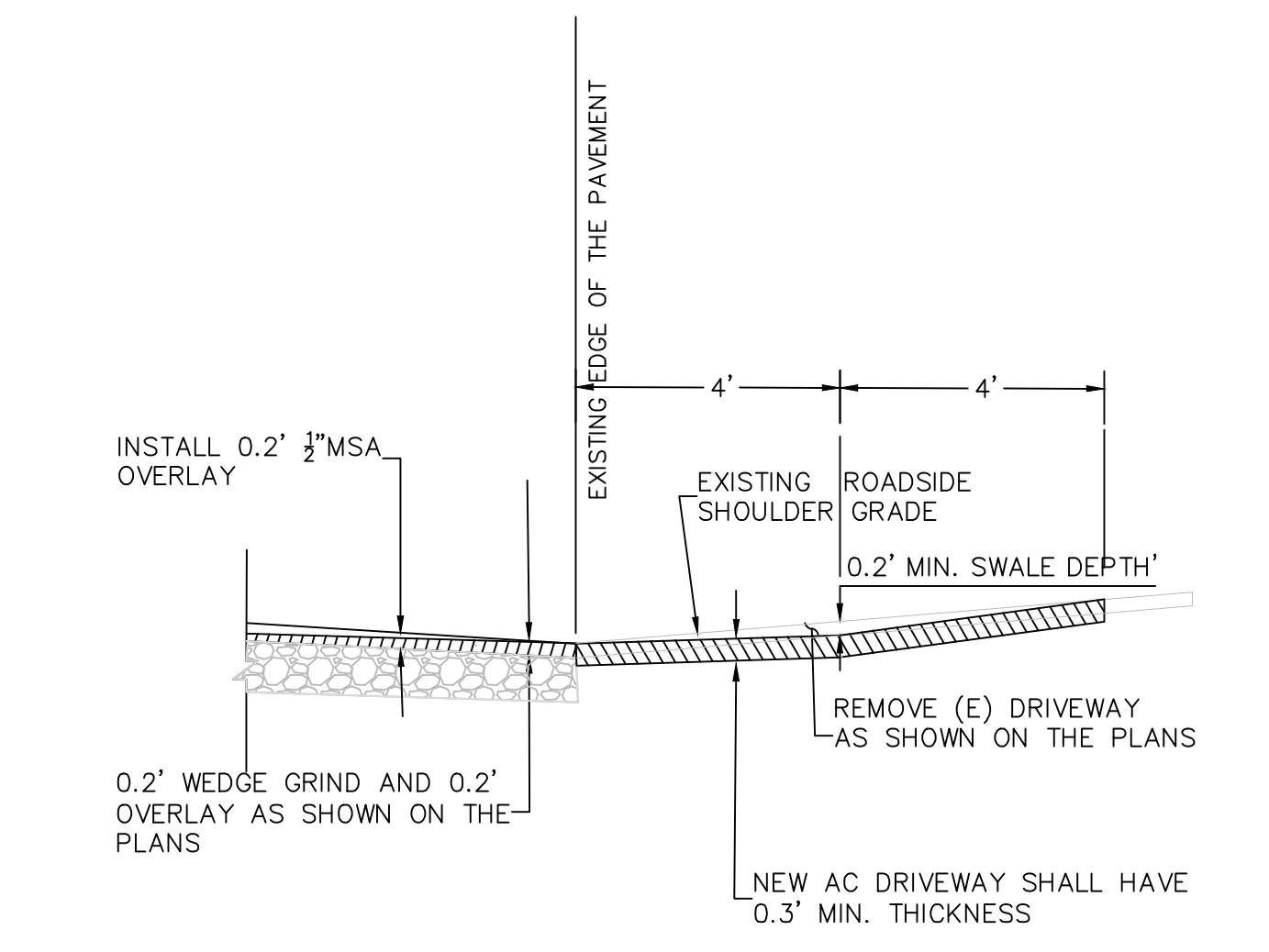
TYPICAL OVERLAY SECTION
PINE LANE STA 10+00 TO STA 24+75

B
7



TYPICAL PINE LANE ROAD SIDE
REGRADING DITCH

C
7



TYPICAL PINE LANE DRIVEWAY WITH
SWALE

D
7

DATE	MARK	REVISION	INIT.

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 Drawn by: AB
 Checked by: JML
 Reviewed by: MM
 Date: 2/9/2024

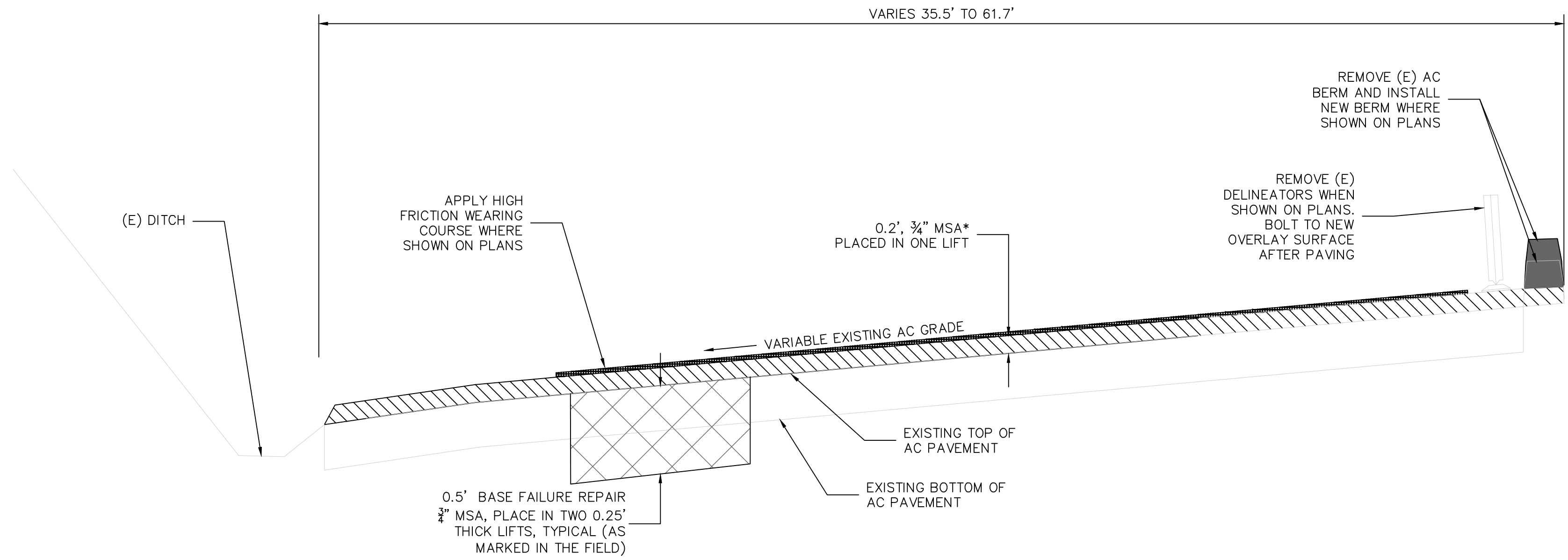
SIGN: *Ana Bernardes*
 DATE: 2/9/24

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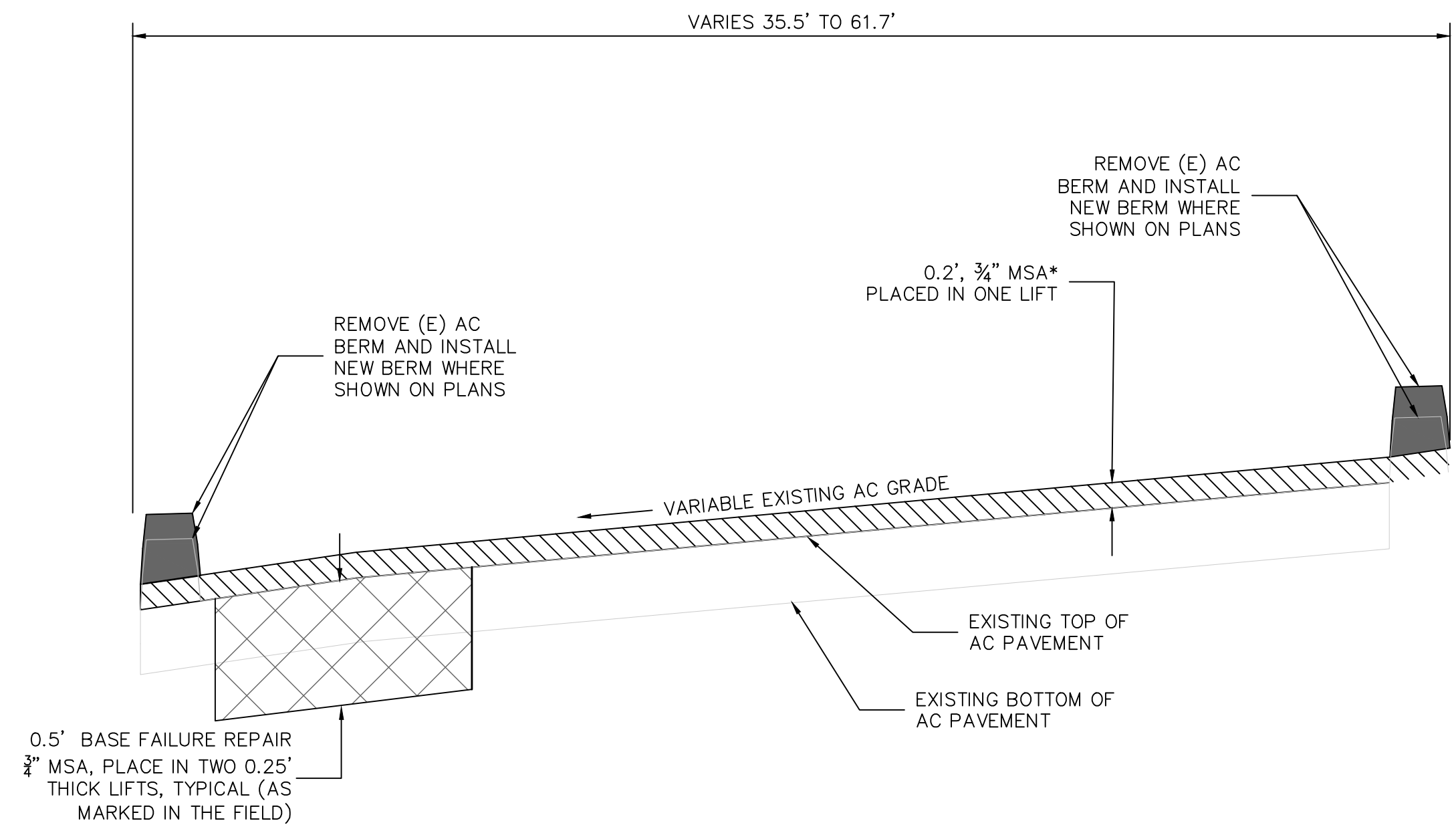
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Michael Moran
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR
 2/9/24

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 2024 ROAD PAVING
 PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

ANGELO ST & PINE LN TYPICAL
 SECTIONS
 SCALE: NTS
 SHEET 7 of 23



A
8
TAYLOR BOULEVARD
STA 10+00 TO 17+50



B
8
TAYLOR BOULEVARD
STA 17+50 TO 30+00

DATE	MARK	REVISION	INIT.

Designed by: TC
 Drawn by: T
 Checked by: JML
 Reviewed by: MM
 Date: 2/9/2024

SIGN: *Timothy J. Clark*
 REGISTERED PROFESSIONAL ENGINEER
 TIMOTHY J. CLARK
 No. 94681
 Exp. 6/30/23
 CIVIL
 STATE OF CALIFORNIA

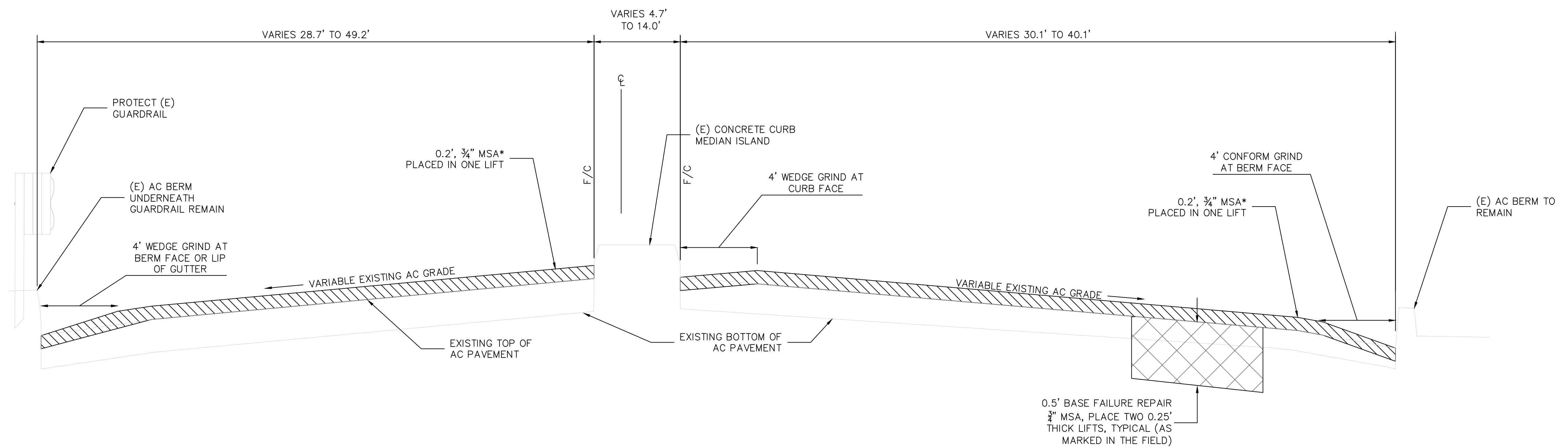
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REVIEWED BY:
 CITY OF LAFAYETTE
Michael Moran
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR
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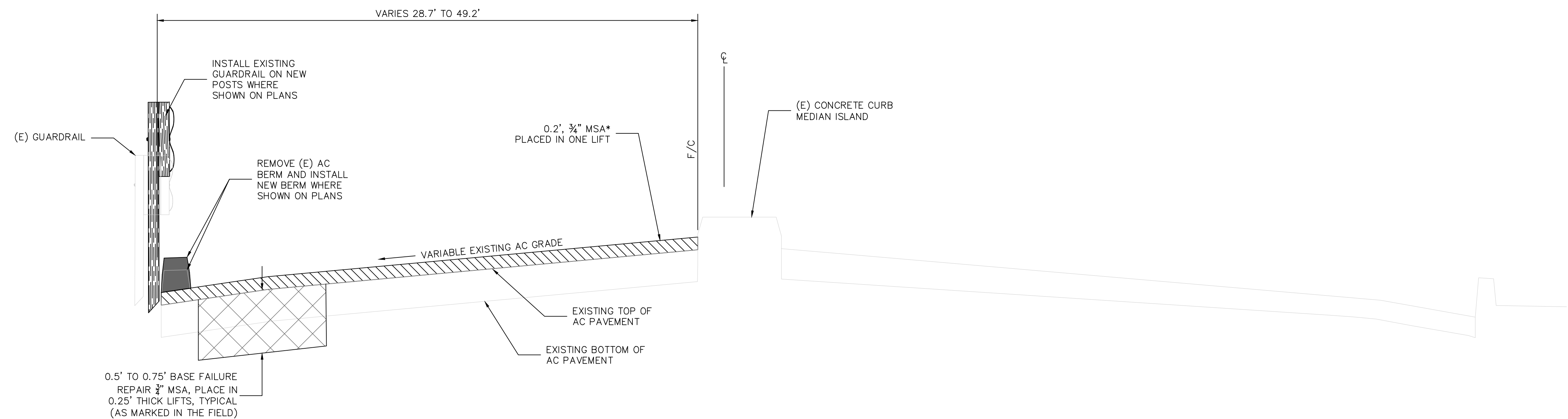
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 PROJECT NO. 014-9741
2024 ROAD PAVING PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

TAYLOR TYPICAL

SCALE: 1" = 20'
 SHEET 8 of 22



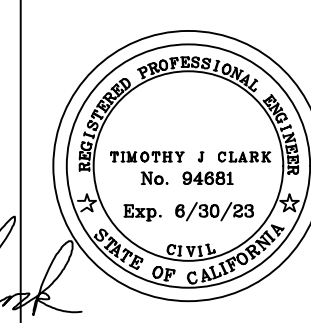

A
9
 PLEASANT HILL ROAD
 STA 10+00 TO 17+50



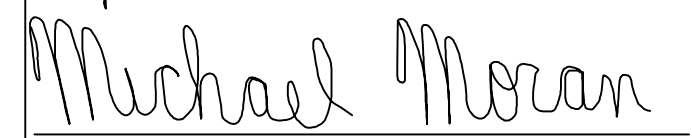
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9
 PLEASANT HILL ROAD
 STA 17+50 TO 30+00

DATE	MARK	REVISION	INIT.

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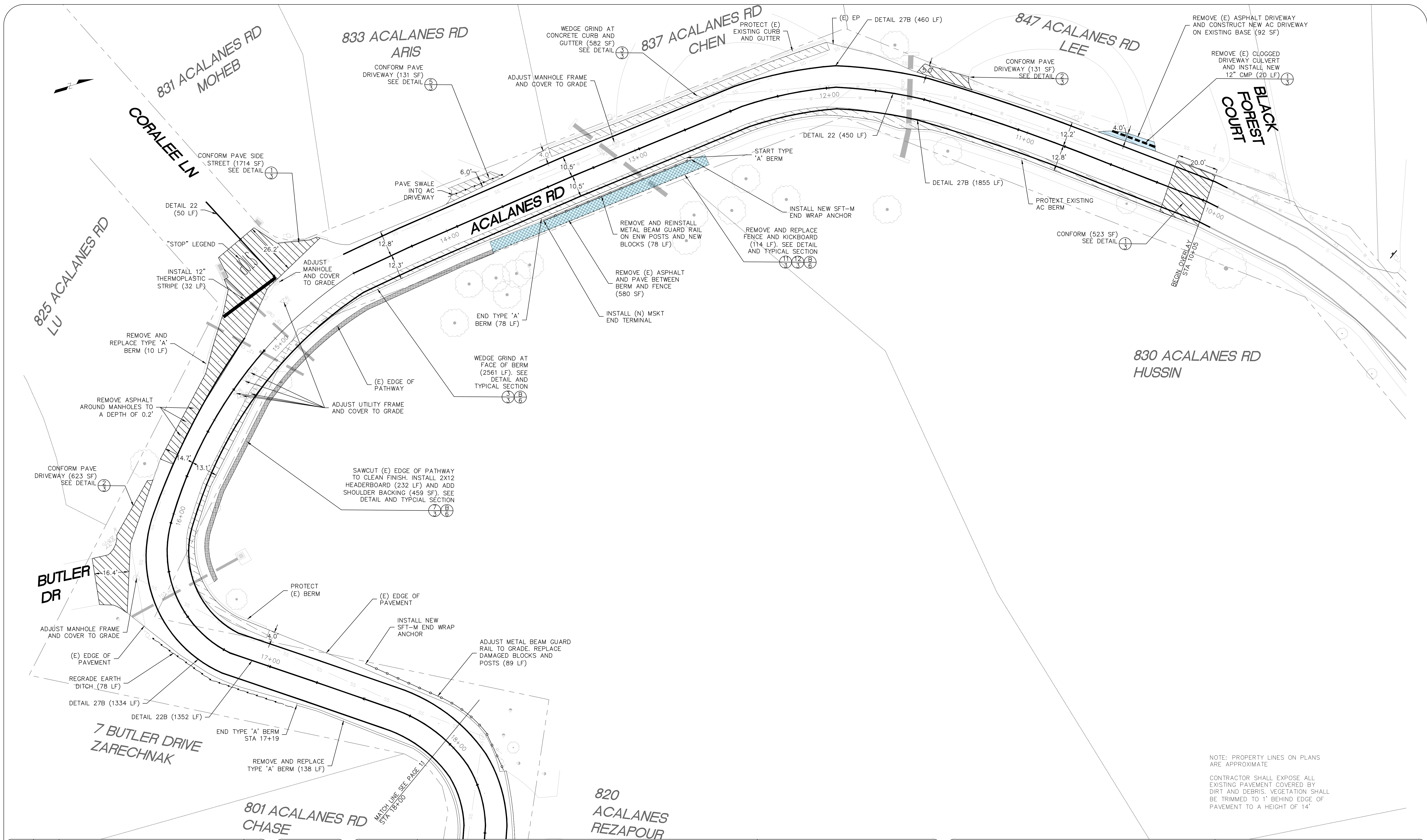

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PLEASANT HILL ROAD TYPICAL
 SCALE: 1" = 20'
 SHEET 9 of 22

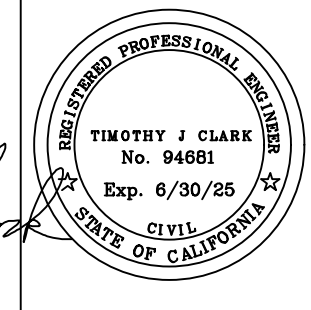


NOTE: PROPERTY LINES ON PLANS ARE APPROXIMATE


CONTRACTOR SHALL EXPOSE ALL EXISTING PAVEMENT COVERED BY DIRT AND DEBRIS. VEGETATION SHALL BE TRIMMED TO 1' BEHIND EDGE OF PAVEMENT TO A HEIGHT OF 14'

DATE	MARK	REVISION	INIT.

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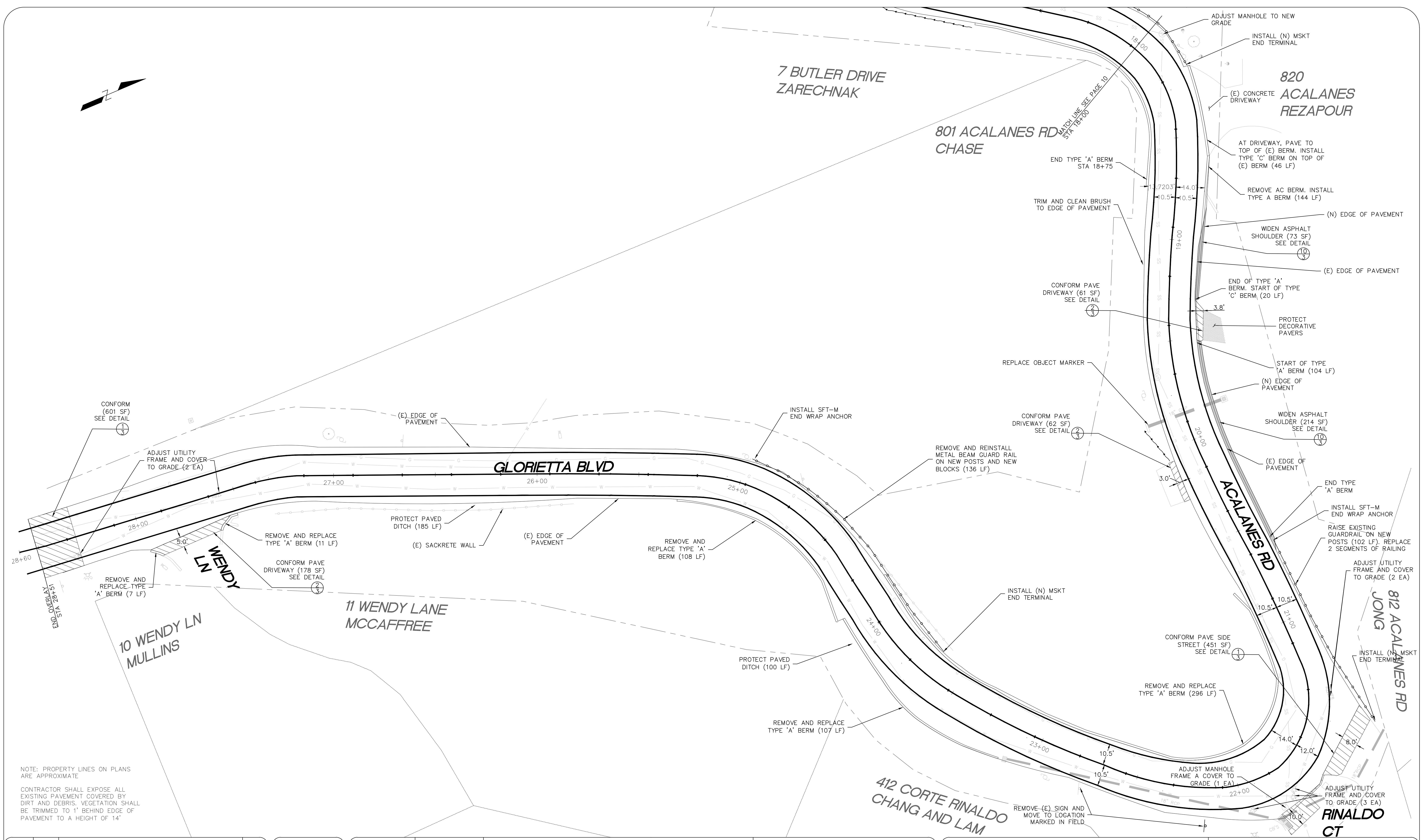
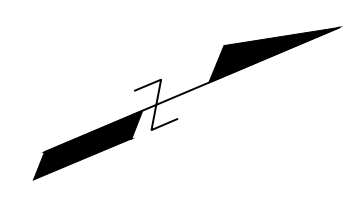
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ACALANES ROAD
 SCALE: 1" = 20'
 SHEET 10 of 22

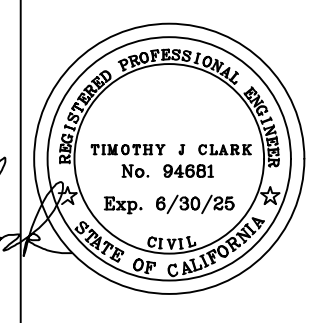


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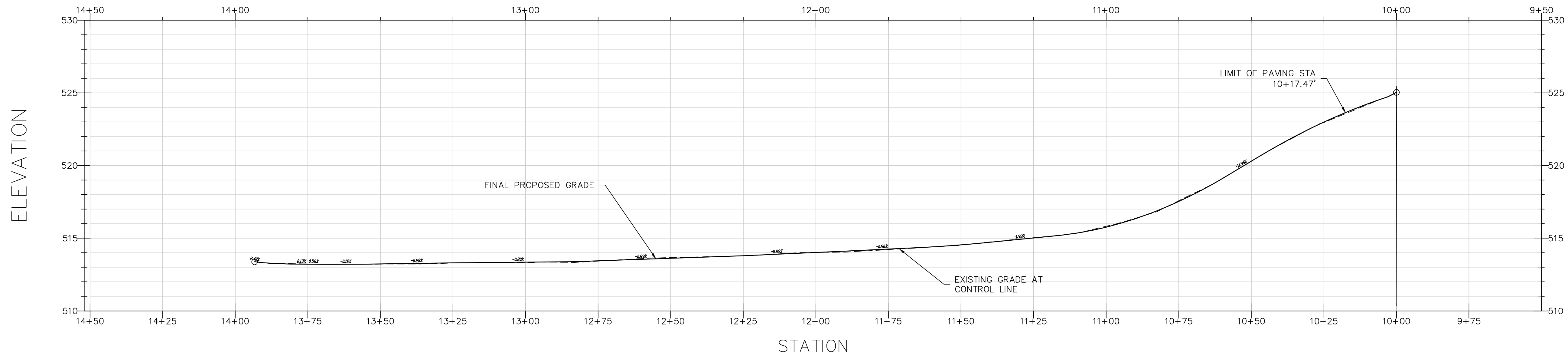
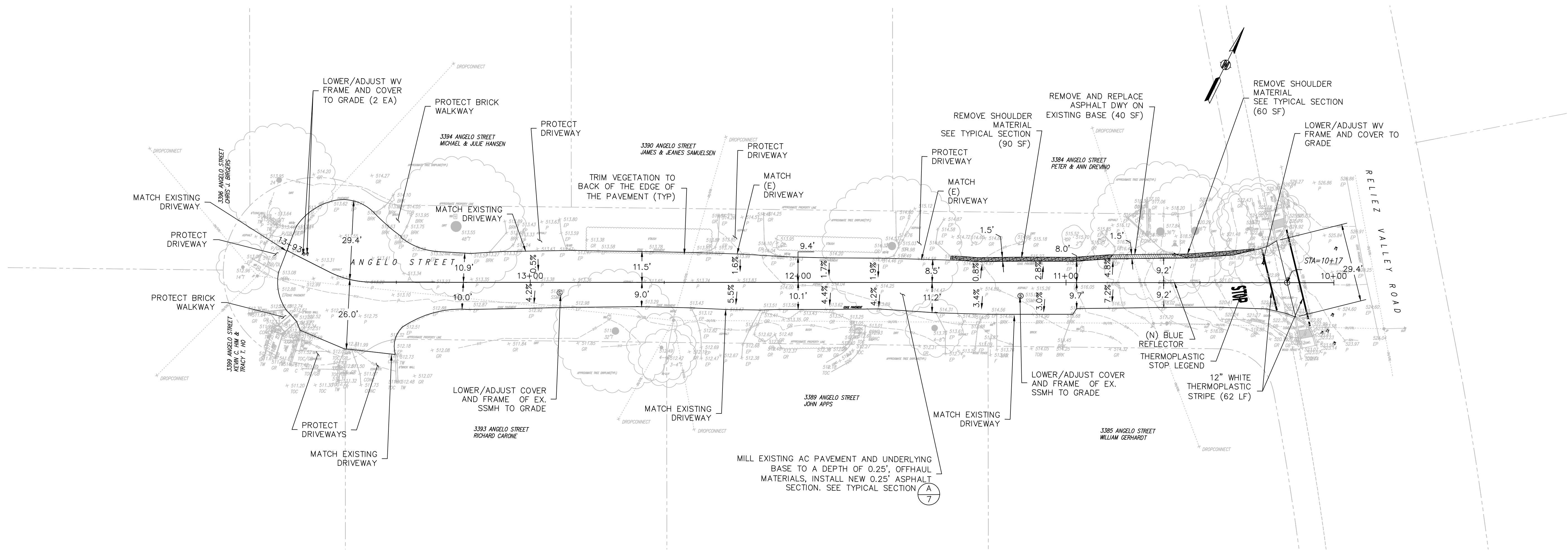
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ACALANES ROAD
 SCALE: 1" = 20'
 SHEET 11 of 22



LONGITUDINAL PROFILE

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DATE	MARK	REVISION
		INIT.

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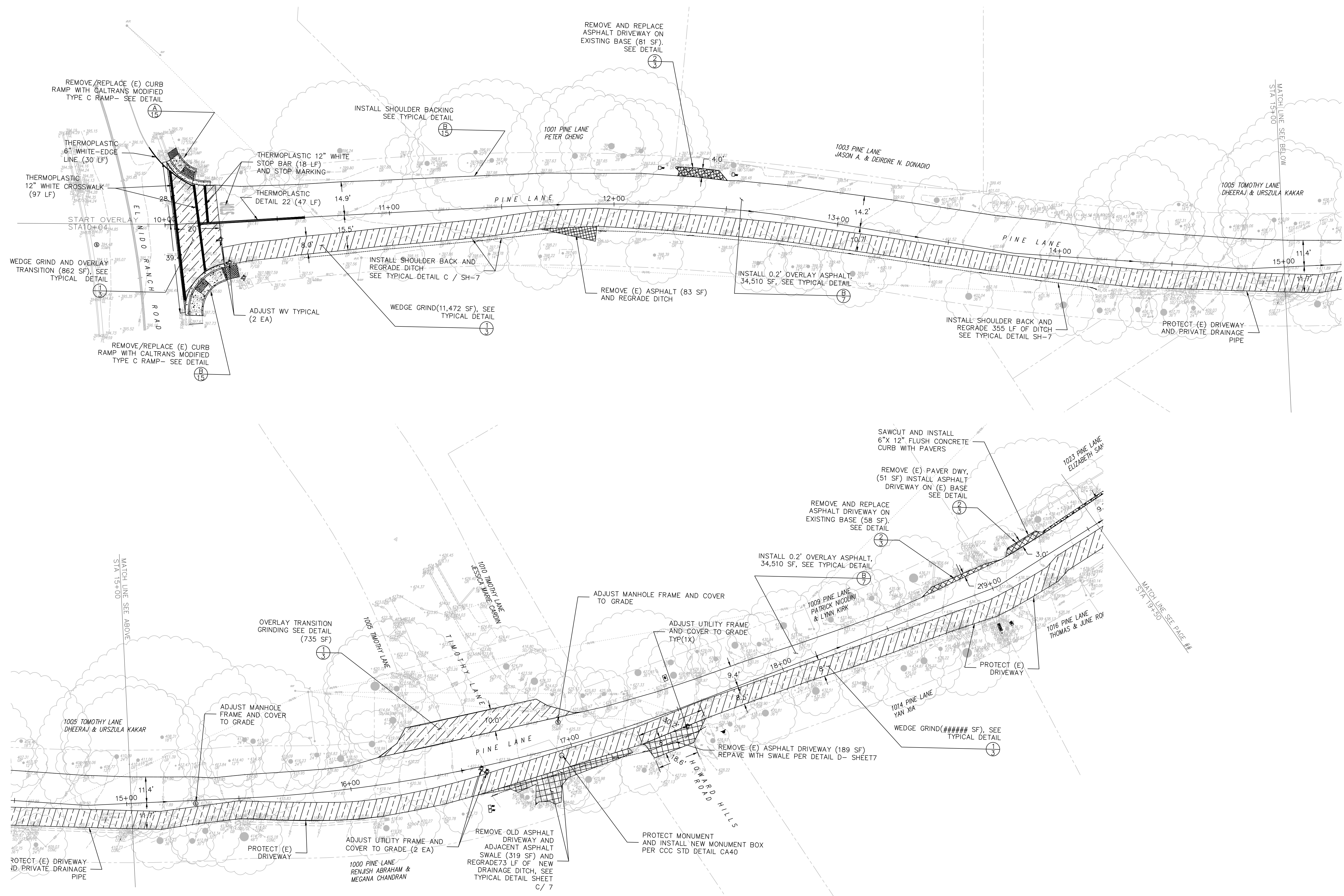
SIGNATURE: *Ana Bernades*
 DATE: 2/9/24

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ANGELO STREET
 SCALE: H: 1" = 20'; V: 1" = 4"
 SHEET 13 of 23



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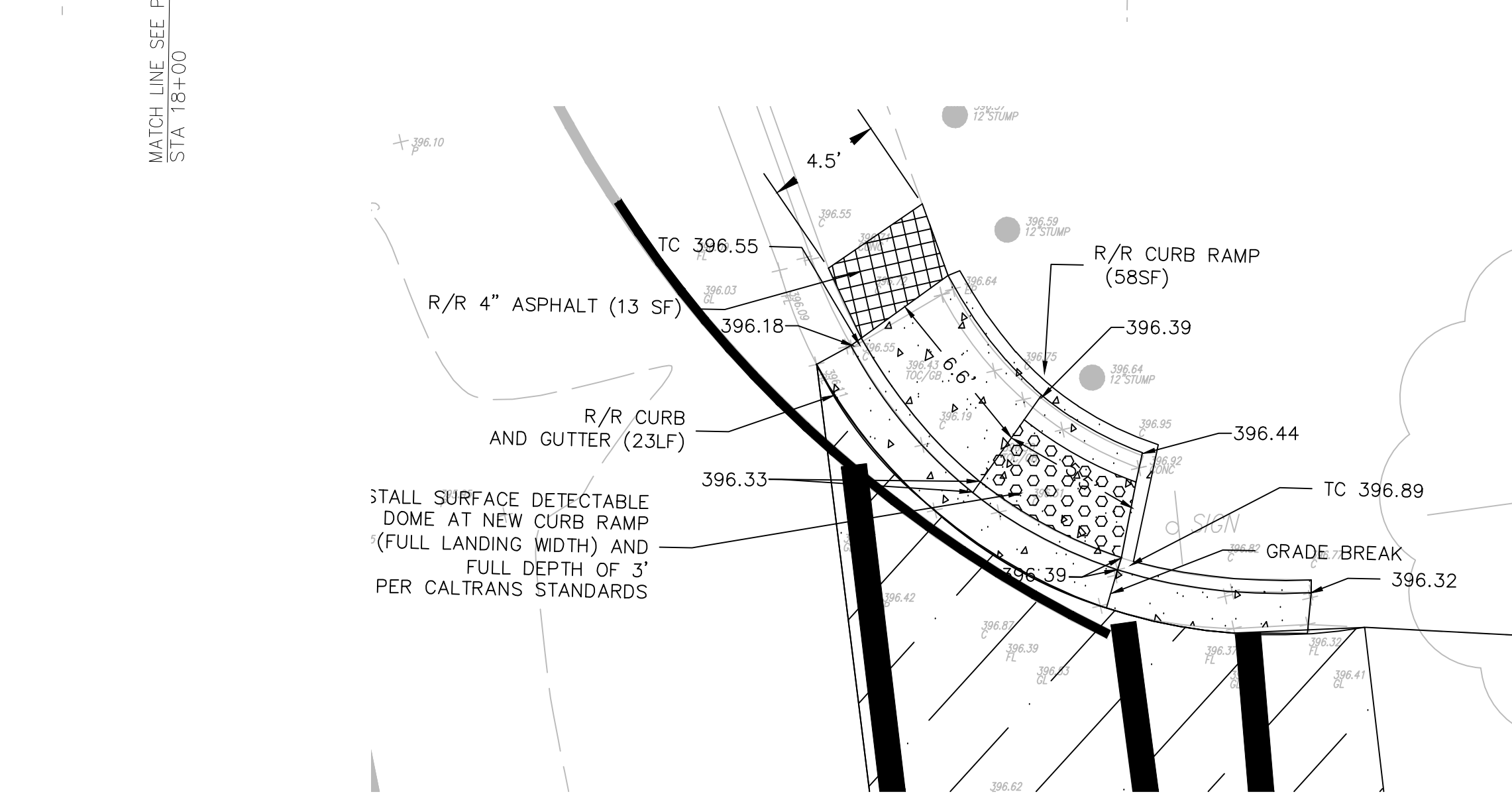
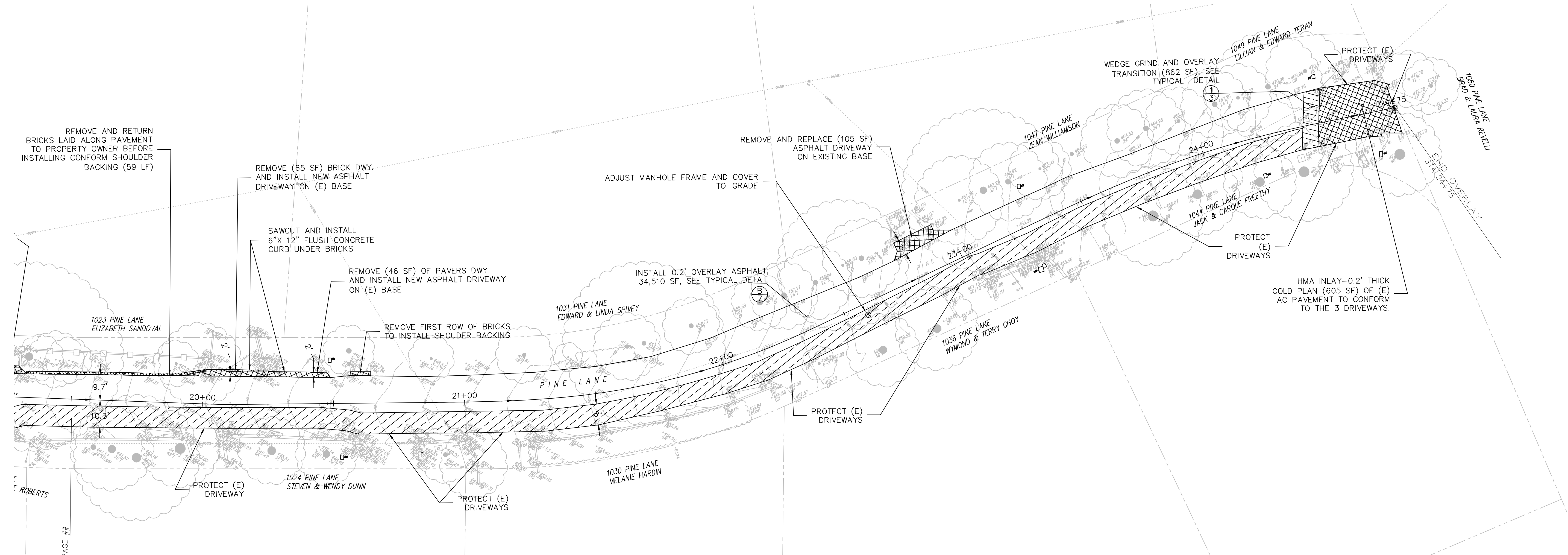
SIGN: *Ana Bernardez* DATE: 2/9/24

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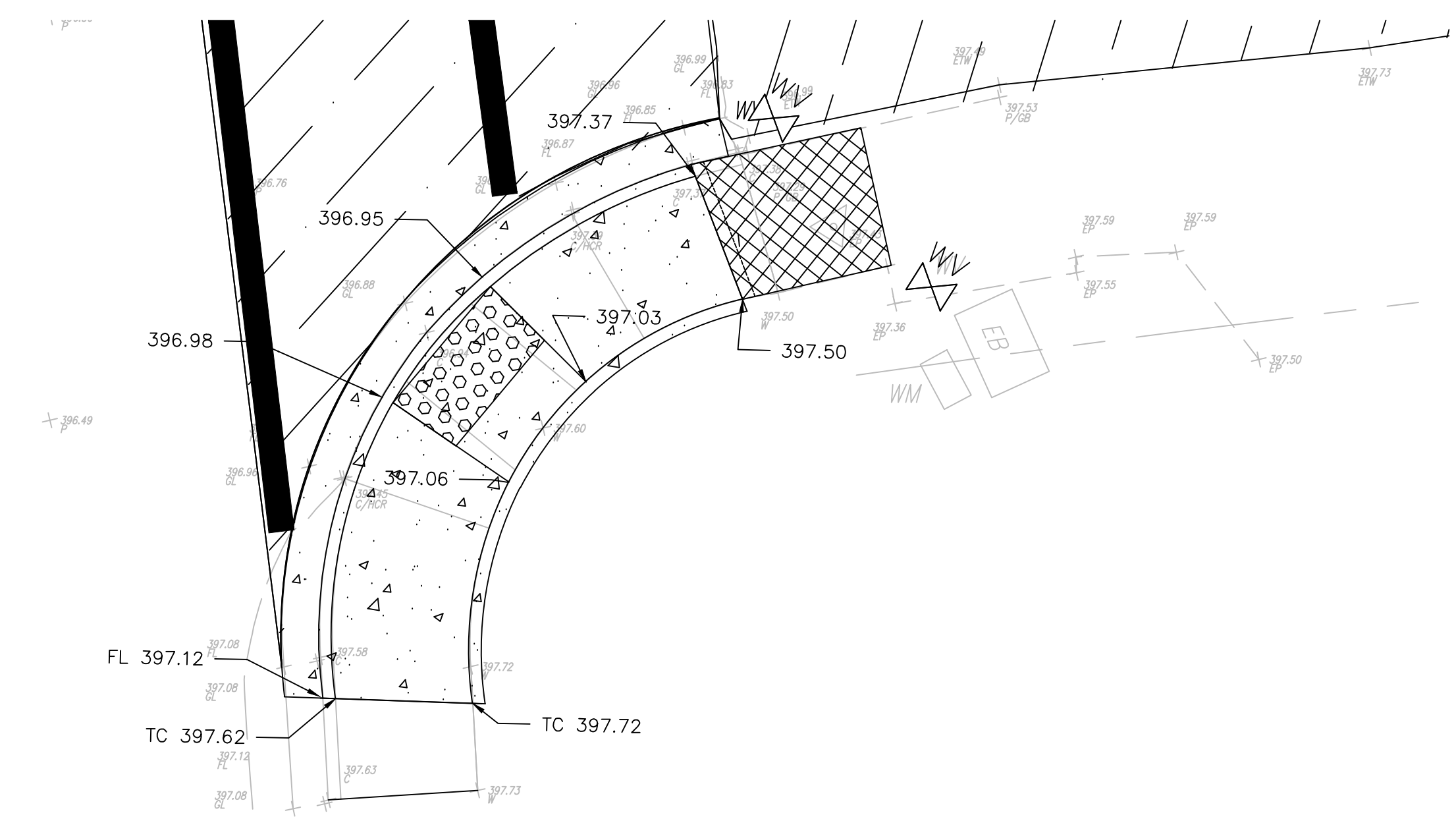
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PINE LANE- PLAN VIEW
 SCALE: 1"=20'
 SHEET 14 of 23



A PINE STREET N/W CORNER CURB RAMP DETAIL
 ## SCALE: 1"=5'

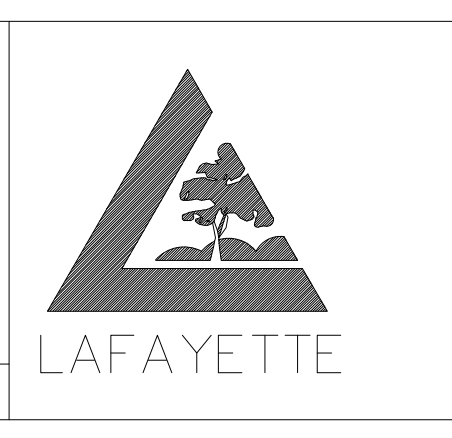


B PINE STREET N/E CORNER CURB RAMP DETAIL
 ## SCALE: 1"=5'

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DRAWN BY:	TC
CHECKED BY:	JM
REVIEWED BY:	MM
DATE:	2/9/2024

REGISTERED PROFESSIONAL ENGINEER
 ANA BERNARDES
 No. 07848
 Exp. 6/30/24
 STATE OF CALIFORNIA

DATE: 2/9/24



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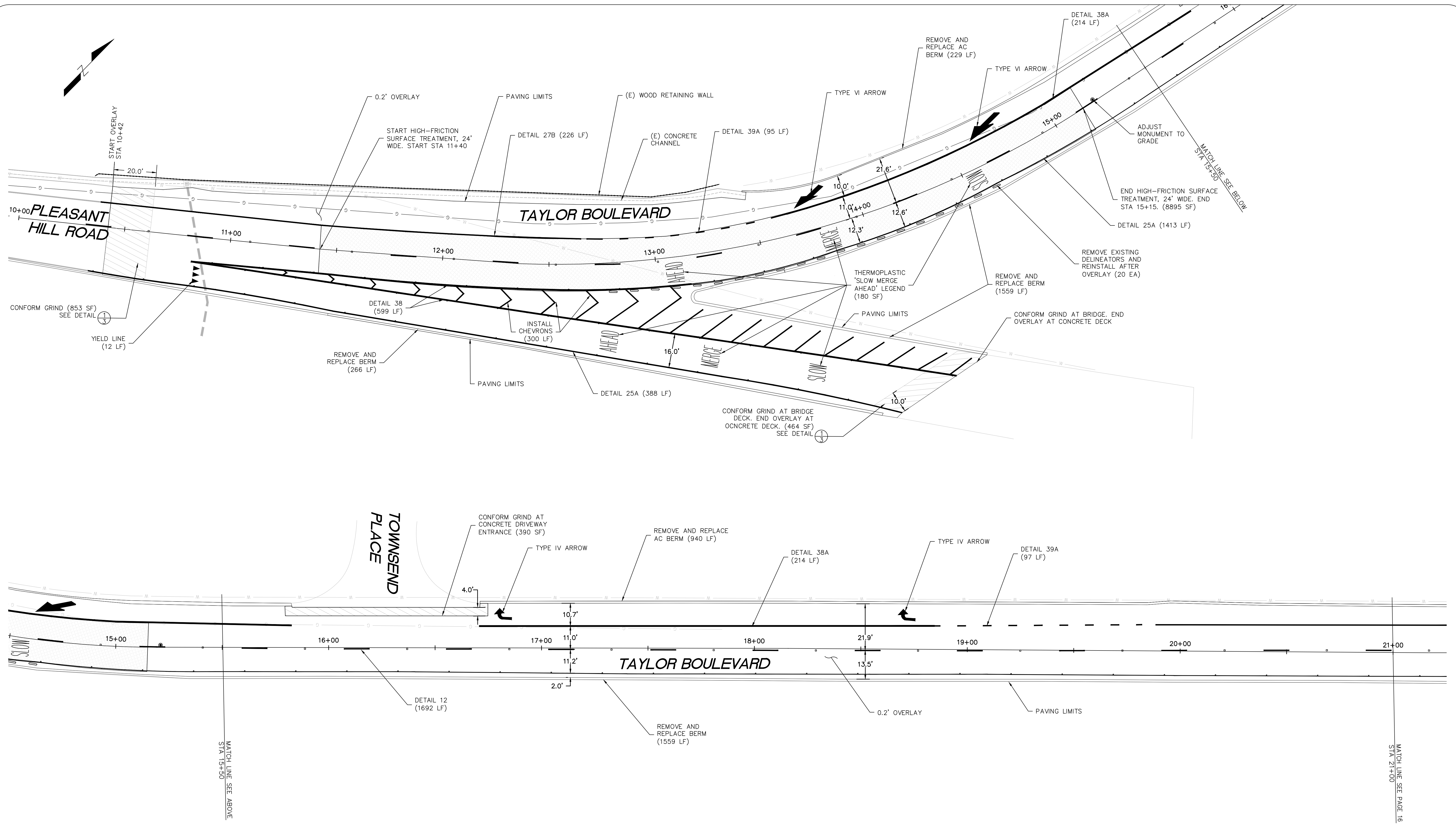
Michael Moran
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 PROJECT NO. 014-9741
 2024 ROAD PAVING
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PINE LANE -PLAN VIEW (2)

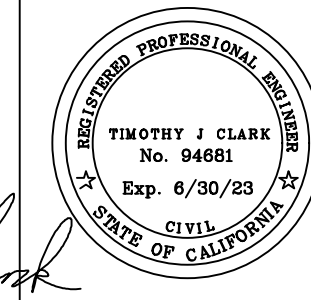
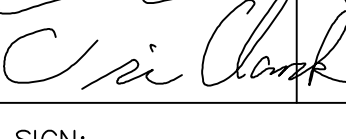
SCALE: 1" = 20'


SHEET 15 of 23

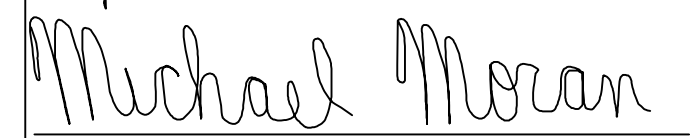


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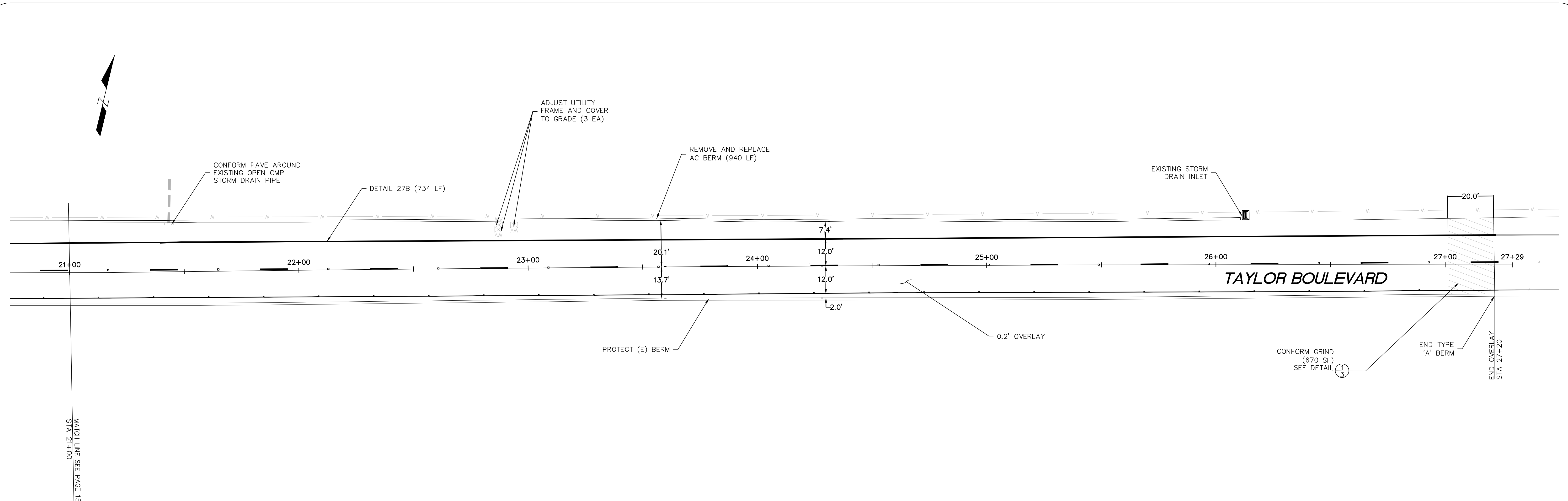

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 CONTRA COSTA COUNTY CALIFORNIA

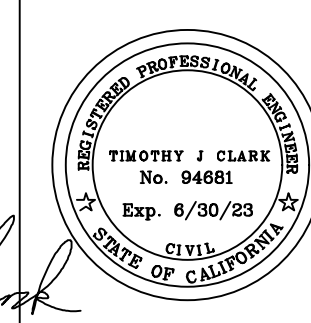
TAYLOR BOULEVARD
 SCALE: 1" = 20'
 SHEET 15 of 22



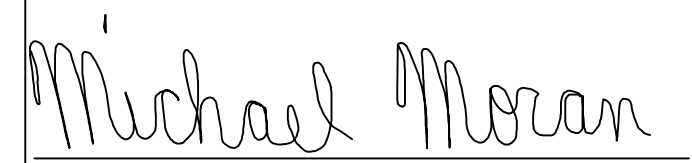
MATCH LINE SEE PAGE 15
STA 21+00

DATE	MARK	REVISION	INIT.

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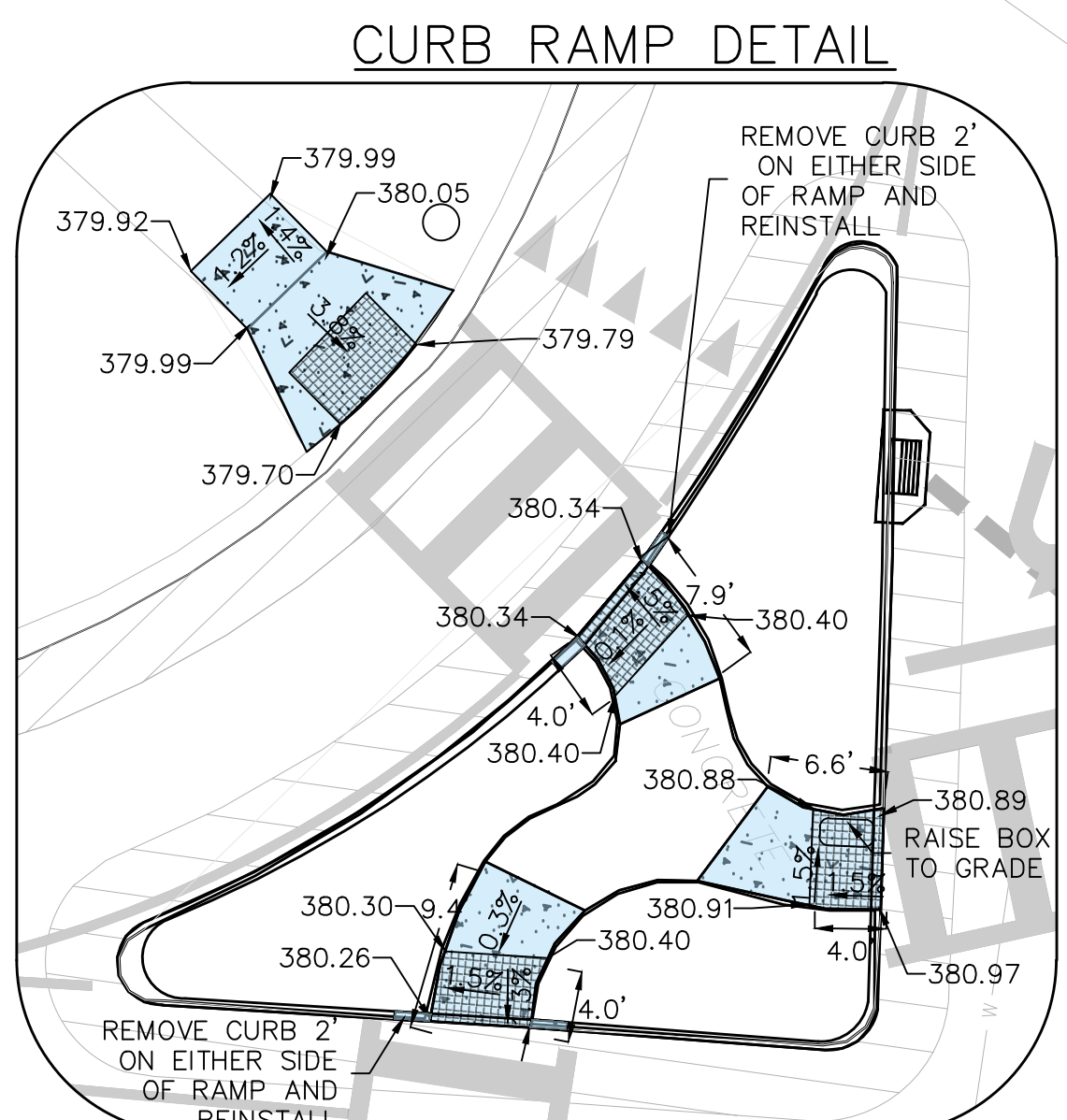
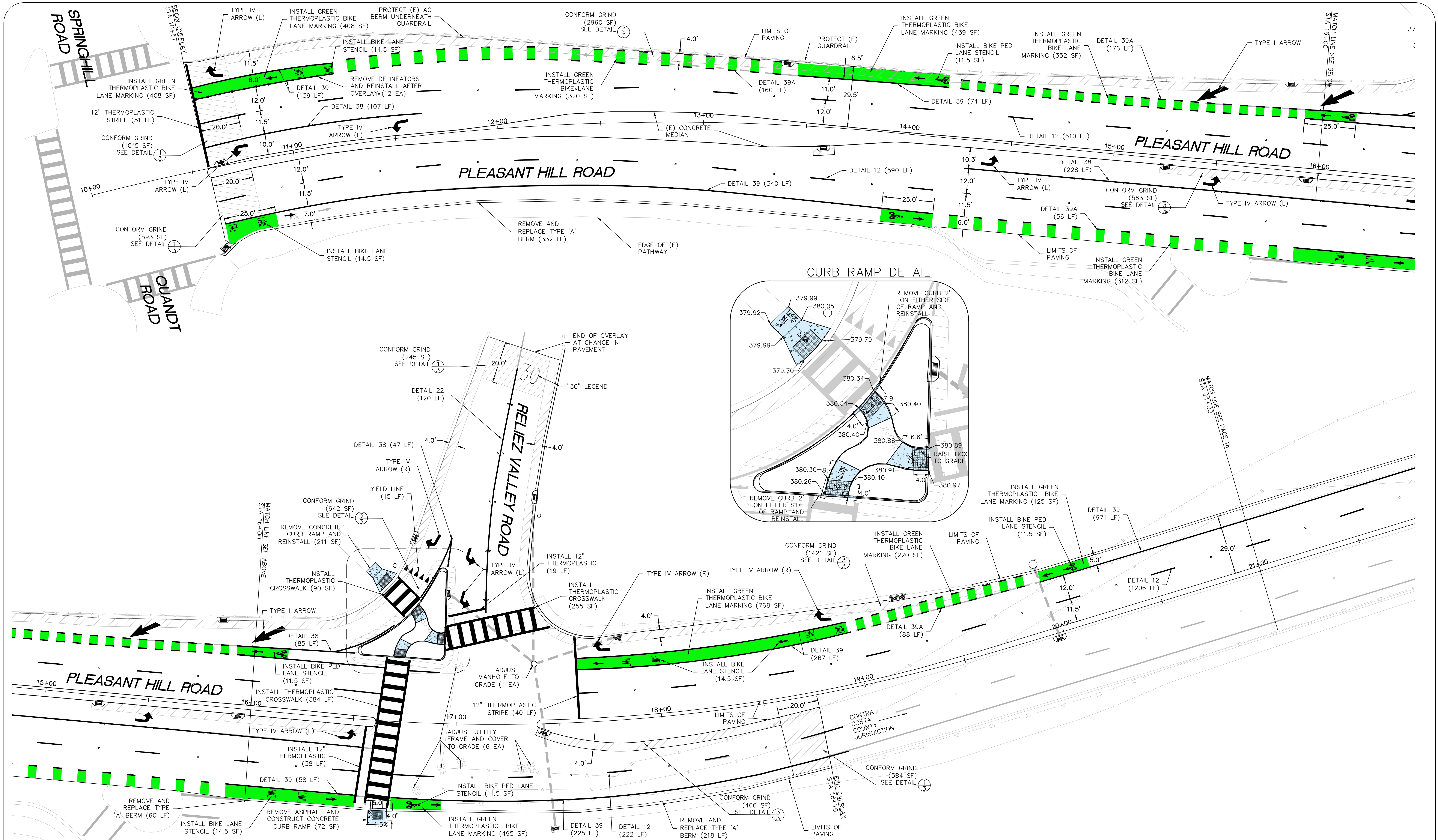
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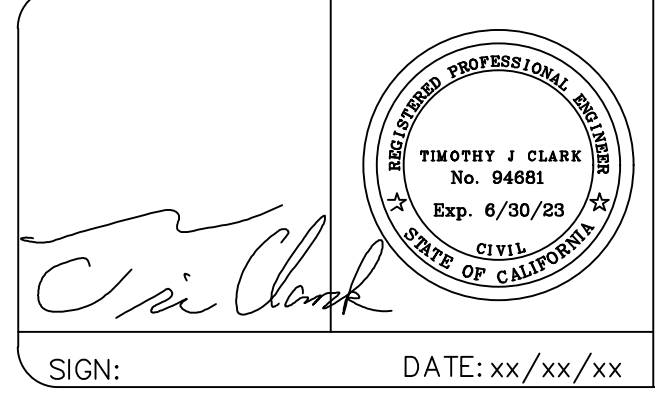
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 CONTRA COSTA COUNTY CALIFORNIA

TAYLOR BOULEVARD
 SCALE: 1" = 20'
 SHEET 16 of 22



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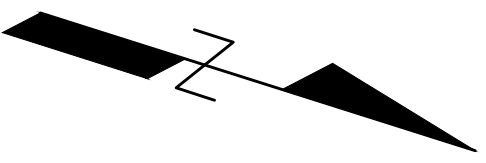
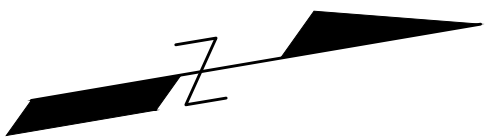
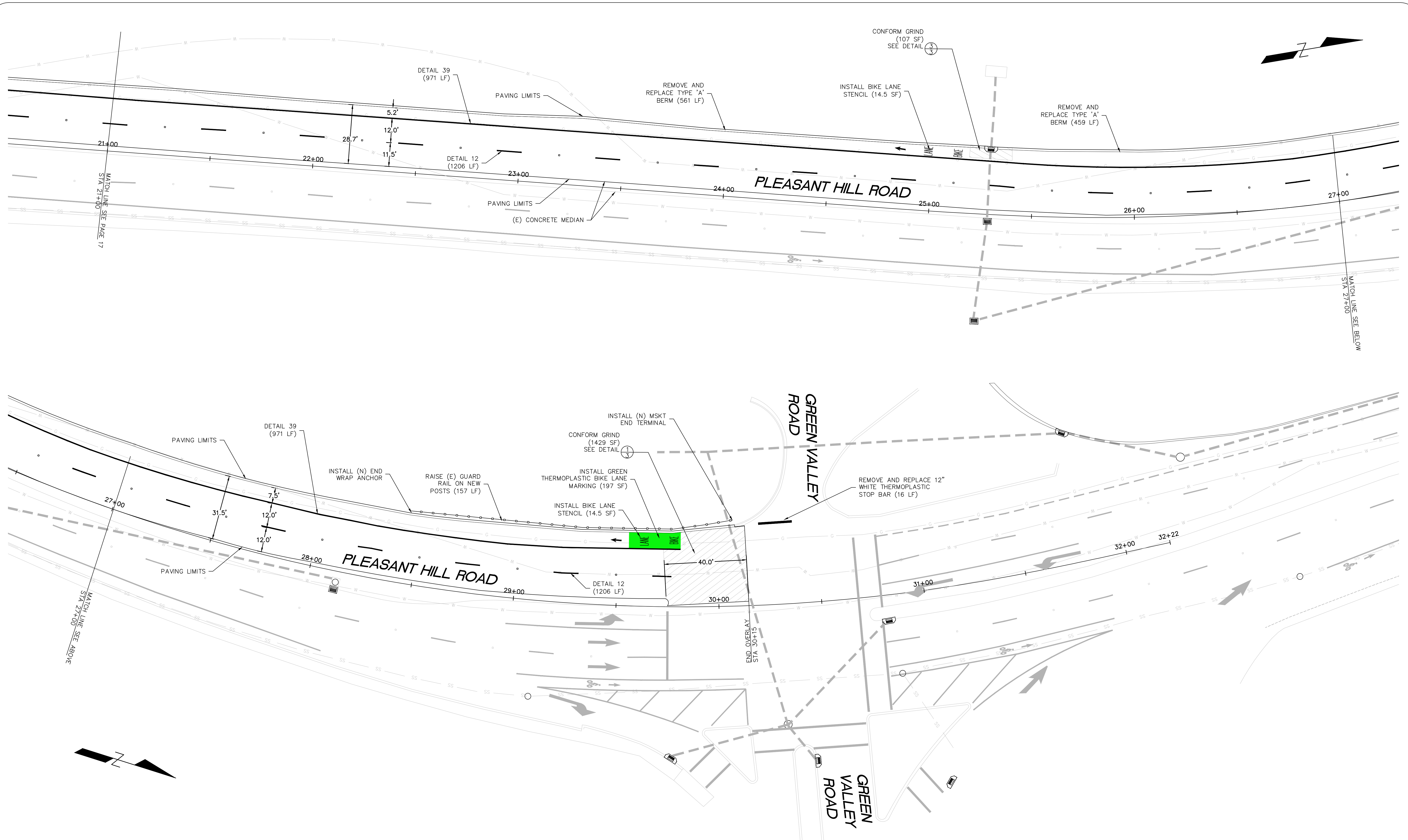


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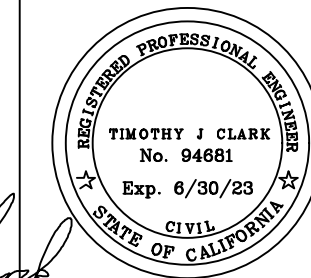
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 2024 ROAD PAVING
 PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

PLEASANT HILL ROAD
 SCALE: 1" = 20'
 SHEET 17 of 22

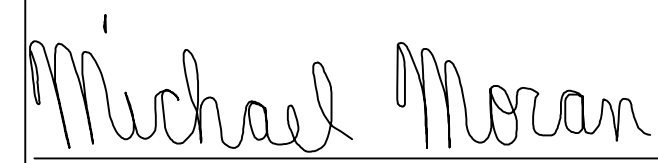


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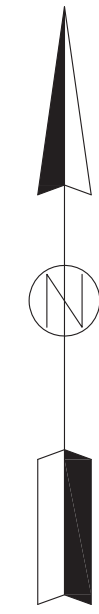

 SIGN: *Timothy J. Clark*
 DATE: xx/xx/xx


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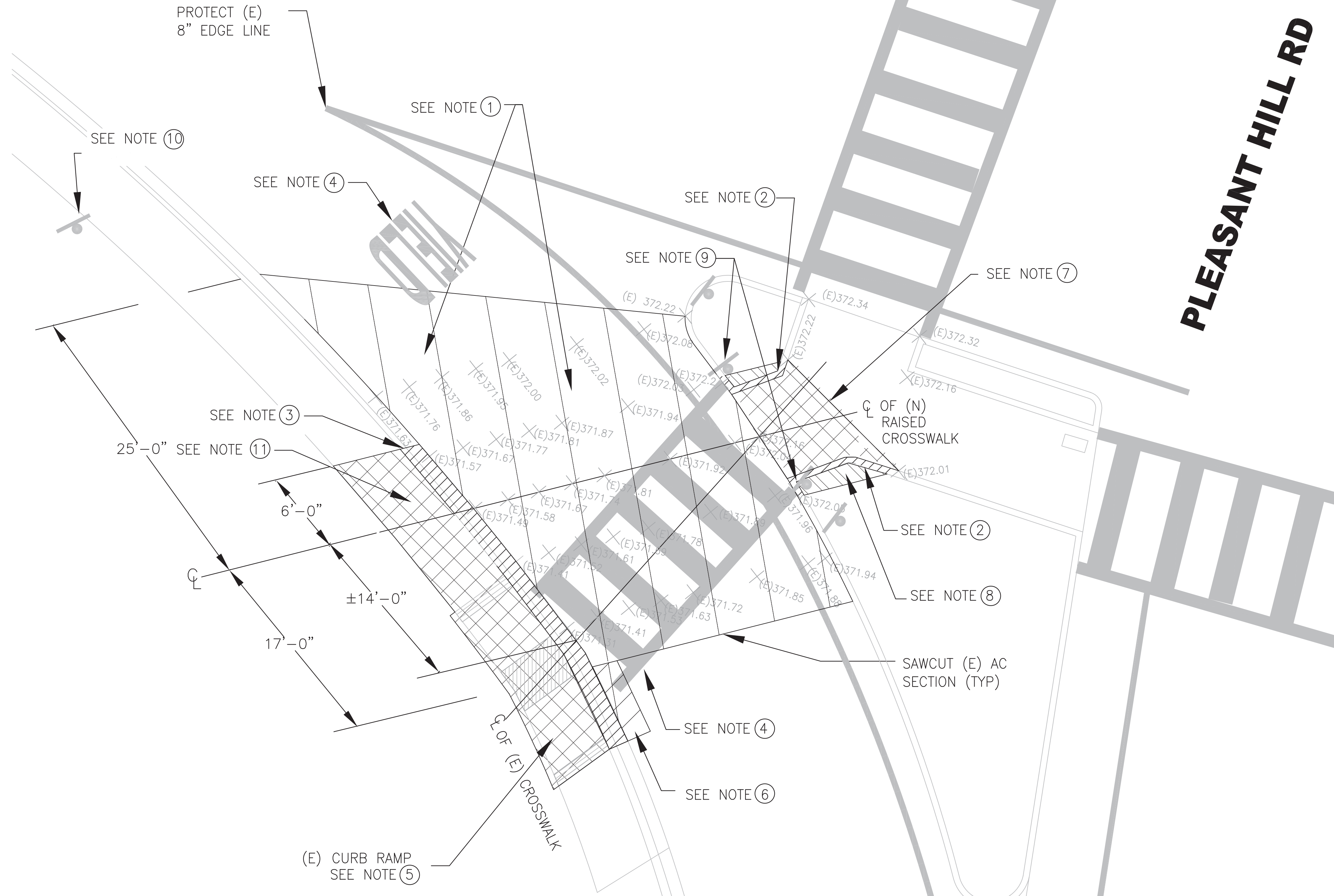
PLEASANT HILL ROAD
 SCALE: 1" = 20'
 SHEET 18 of 22



SURVEY CONTROL POINT- S/W CORNER OF SIGNAL POLE FOOTING

SPRINGHILL RD

PLEASANT HILL RD



DEMOLITION NOTES

- ① REMOVE (E) AC TO (E) BASE ON THE AREAS UNDER FUTURE BULBOUTS AND RAISED CROSSWALK (AREA ± 715 SQ-FT).
- ② REMOVE EXISTING 6" PASSAGEWAY CURBS AT MEDIAN (± 20 LF) TO ALLOW FOR 10-FT WIDE RAISED CROSSWALK RAMP TO FIT BETWEEN NEW INSTALLED 6" CURBS AS SHOWN ON THE FUTURE IMPROVEMENTS PLAN, SHEET 3.
- ③ REMOVE (E) CURB AND GUTTER (30 LF).
- ④ REMOVE BY GRINDING ALL EXISTING STRIPING AND MARKINGS IN CONFLICT WITH FINAL STRIPING, APPLY FOG SEAL TO AREA GROUND AREAS.
- ⑤ REMOVE (E) CURB RAMP INCLUDING (E) BACK CURB APPROX. (97 SQ-FT).
- ⑥ REMOVE & REPLACE AC. MIN. 2-FT WIDE. (8 LF)
- ⑦ REMOVE 4" PCC WALKWAY AT MEDIAN FOR FUTURE CROSSWALK RAMP SHOWN ON SHEET 3. (60 SQ-FT)
- ⑧ MINOR GRADING WORK AT THE 2-SIDES OF (N) RAISED CROSSWALK .
- ⑨ SALVAGE REFLECTORS DELINEATORS AT MEDIAN TO BE USED ON NEW BULBOUTS.
- ⑩ REMOVE (E) TRAFFIC SIGN POST AND SIGN AND PROPERLY DISPOSE THEM.'
- ⑪ REMOVE (E) 4" PCC SIDEWALK APPROX. (83 SQ-FT)

DEMOLITION LEGEND:

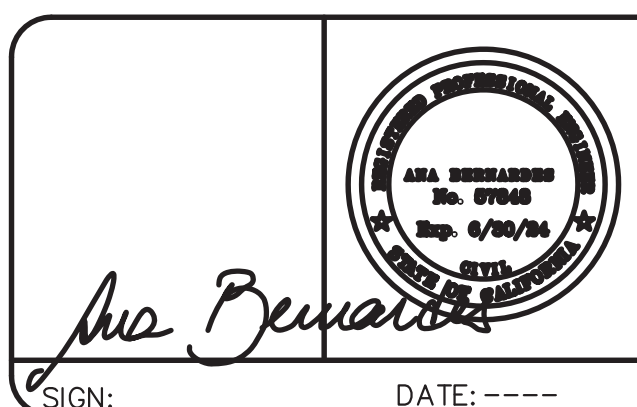
- REMOVE EXISTING AC SECTION
- REMOVE EXISTING PCC SIDEWALK, CURB RAMP, PASSAGEWAY
- REMOVE EXISTING PCC CURB AND GUTTER.
- MINOR GRADING WORK.

+ XXX.XX EXISTING ELEVATIONS. ALL THE EXISTING ELEVATIONS ARE BASED UPON EL. 368.76 LOCATED AT THE S/W CORNER OF THE CONCRETE FOOTING OF THE TRAFFIC SIGNAL POLE BASE AT N/W CORNER OF SPRINGHILL ROAD AND PLEASANT HILL ROAD. SEE LOCATION SHOWN ON THIS PLAN VIEW.

PLAN VIEW- DEMOLITION PLAN
SPRINGHILL RD. RIGHT TURN AT PLEASANT HILL RD.

DATE	MARK	REVISION	INIT.

Designed by: AB
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 Reviewed by: MM
 Date: 2/8/2024

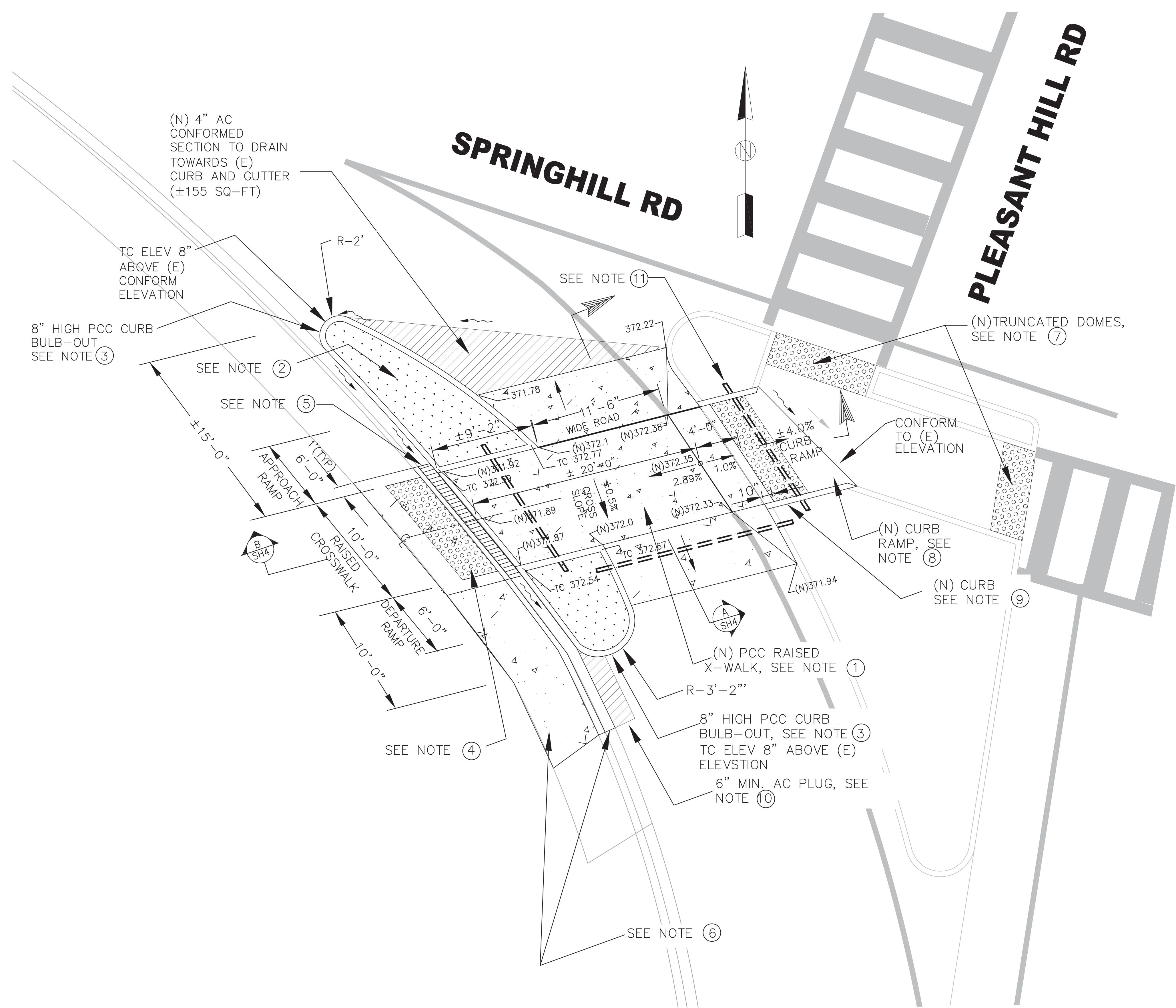


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**2024 ROAD PAVING
 PROJECT**
 CONTRA COSTA COUNTY CALIFORNIA

RAISED CROSSWALK
 SITE 1-DEMO PLAN
 SCALE: 1"=5'
 SHEET 20 of 23



NEW IMPROVEMENTS NOTES:

- 1 INSTALL NEW 6" PCC RAISED CROSSWALK WITH MIN. 6" AB, 10-FT WIDE, WITH ASCENDING AND DESCENDING MIN. 6"-FT RAMPS. (APPROX. 420 SQ-FT)
- 2 FILL BULBOUTS AREA WITH TOP SOIL AND 2" MIN. MULCH.
- 3 INSTALL 8" BULBOUT CURBS PER CONTRA COSTA COUNTY STANDARD CA71 - TYPE M1-8 CURB WITH A BACK SIDE OF 1'-2" HIGH. (APPROX. 83 LF)
- 4 INSTALL (N) SURFACE DETECTABLE DOMES AT (N) SIDEWALK. DOME SHALL EXTEND THE FULL WIDTH OF RAISED CROSSWALK (10-FT WIDE), HAVE A FULL DEPTH OF 3'-0" AND BE LOCATED AT BACK OF CURB LINE PER CALTRANS STANDARDS. PLACE DOME ALIGNMENT PARALLEL TO CROSSWALK PREDOMINATE DIRECTION OF TRAVEL. DOME SHALL BE ONYX BLACK IN COLOR.
- 5 INSTALL 12-FT LONG CONCRETE TRENCH CHANNEL WITH ZURN Z712-HDG FRAMES AND ZURN P12-CHPD TRENCH GRATINGS
- 6 INSTALL NEW S1-6 P.C.C. SIDEWALK (APPROX. 180 SQ-FT) AND INSTALL NEW CURB AND GUTTER (APPROX. 18 LF) PER CONTRA COSTA COUNTY STANDARD DETAILS CA70 & CA71-TO MATCH EXISTING AND CONFORM TO ELEVATIONS ON BOTH SIDES.
- 7 INSTALL 2 NEW SURFACE DETECTABLE GLUED DOWN AND FASTENED DOMES AT ISLAND PASSAGeways AT FRONT OF CURB FACE AS PER CALTRANS' STANDARD PLAN A88 B PASSAGeway TYPE B. DOME SHALL BE ONYX BLACK IN COLOR.
- 8 INSTALL NEW ADA CURB RAMP AT EAST SIDE OF RAISED CROSSWALK PER CALTRANS' STD. DETAIL A 88 A - MODIFIED CASE F. (APPROX. 80 SF)
- 9 INSTALL 6" CURBS AT EACH SIDE OF NEW ADA CURB RAMP AT MEDIAM.
- 10 INSTALL MIN. 6" DEEP X 1'6" WIDE (N) AC PLUG AT (N) INSTALLED CURB AND GUTTER.
- 11 INSTALL 4"Ø PVC-90 SLEEVES BETWEEN THE LANDSCAPING BULB OUTS AND MEDIANS FOR FUTURE IRRIGATION.

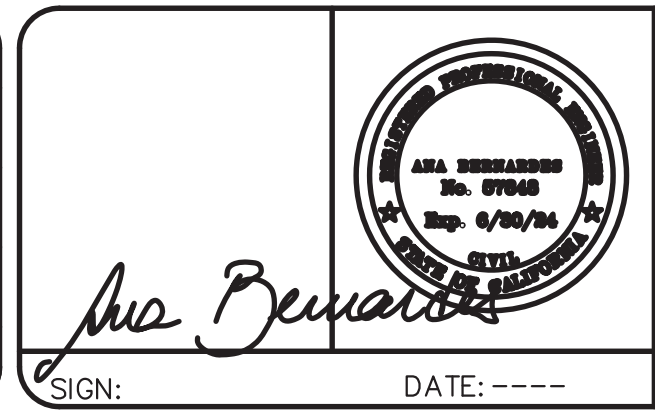
NEW IMPROVEMENT LEGEND:

- INSTALL (N) PCC SECTIONS WITH 6" MIN. CLASS 2 AB UNDER. (MIN. DEPTHS: 3.5" AT NEW SIDEWALKS, 6" MIN. AT RAISED CROSSWALK, 6" MIN. AT CURB RAMPS)
- INSTALL (N) GLUED ON DOMES TO (E) CONCRETE SURFACE. CUT DOME TO FIT AT (E) UTILITIES BOXES COVER LIDS.
- INSTALL (N) CONCRETE DRAINAGE CHANEL WITH GALVANIZED ZURN GRATING AND FRAME.
- INSTALL ASPHALT CONCRETE SECTION (6" AT CURB AND GUTTER PLUGS AND MIN 4" AT ROAD CONFORM SECTION).
- INSTALL TOP SOIL UP TO 2" BELOW TOP OF NEW 8" BULBOUT CURBS AND COMPACT TO 85% COMPACTION. INSTALL 2" OF MULCH ON TOP OF TOP SOIL WITH FILTER FABRIC TO CONTROL WEEDS.

SITE 1-PLAN VIEW (N) RAISED CROSSWALK, BULBOUTS, CURB RAMP, SIDEWALK, CURB AND GUTTER IMPROVEMENTS

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 Date: 2/8/2024

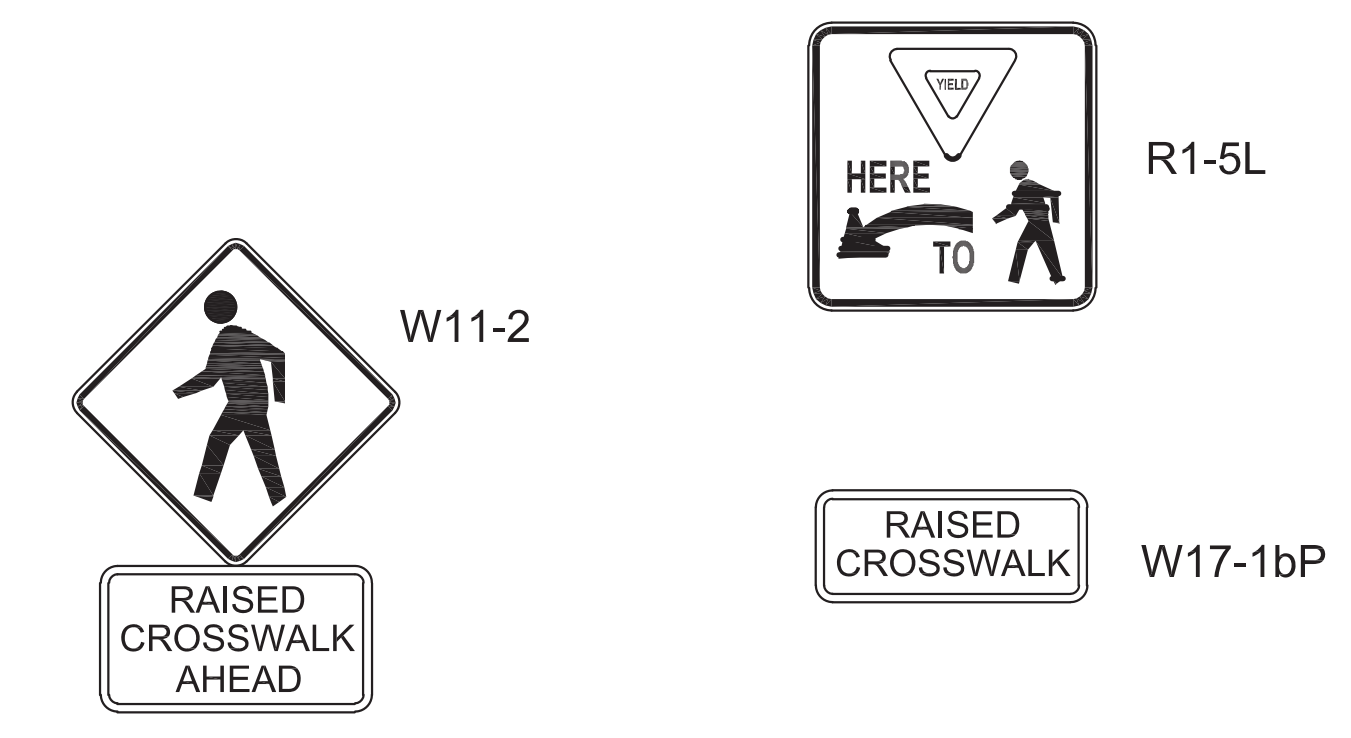
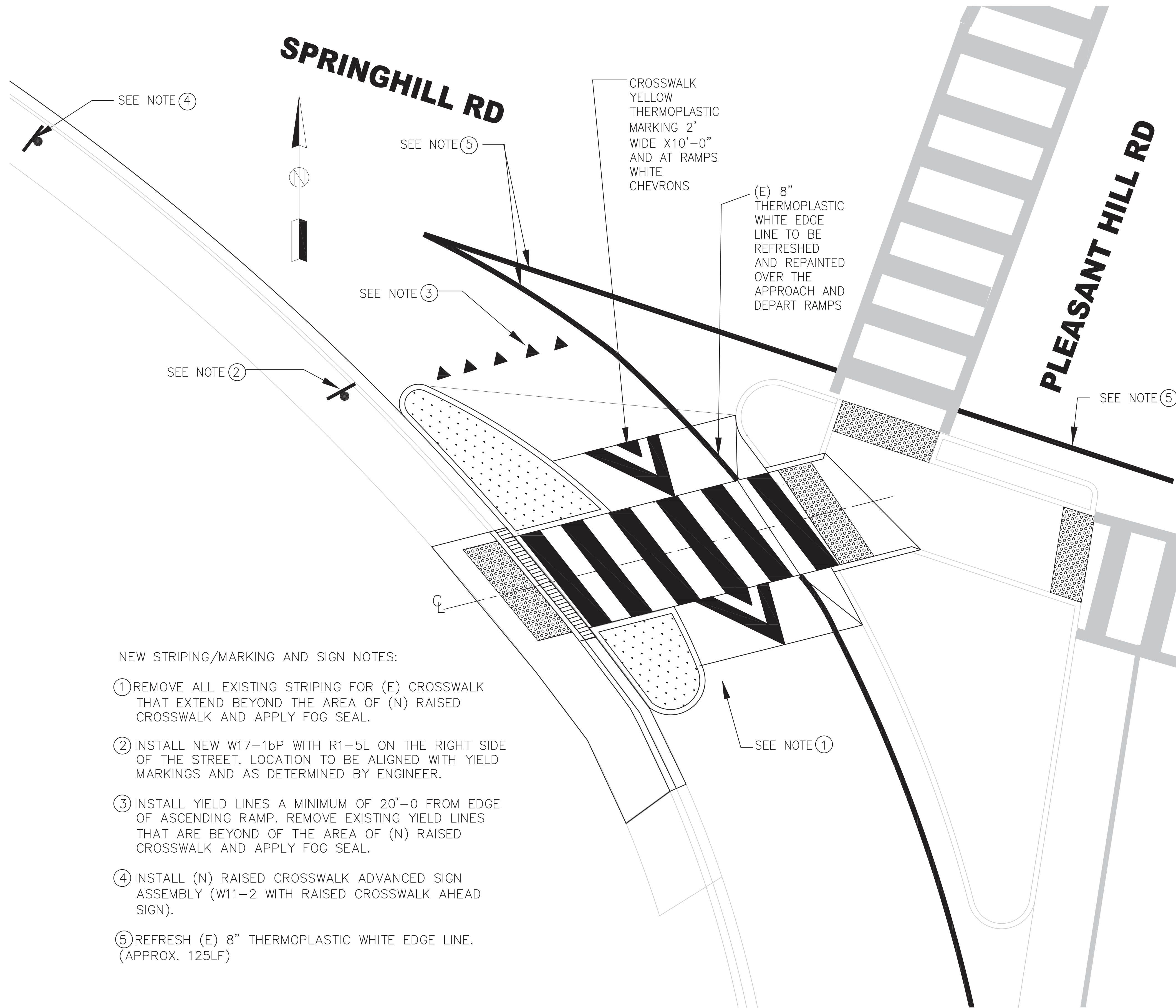


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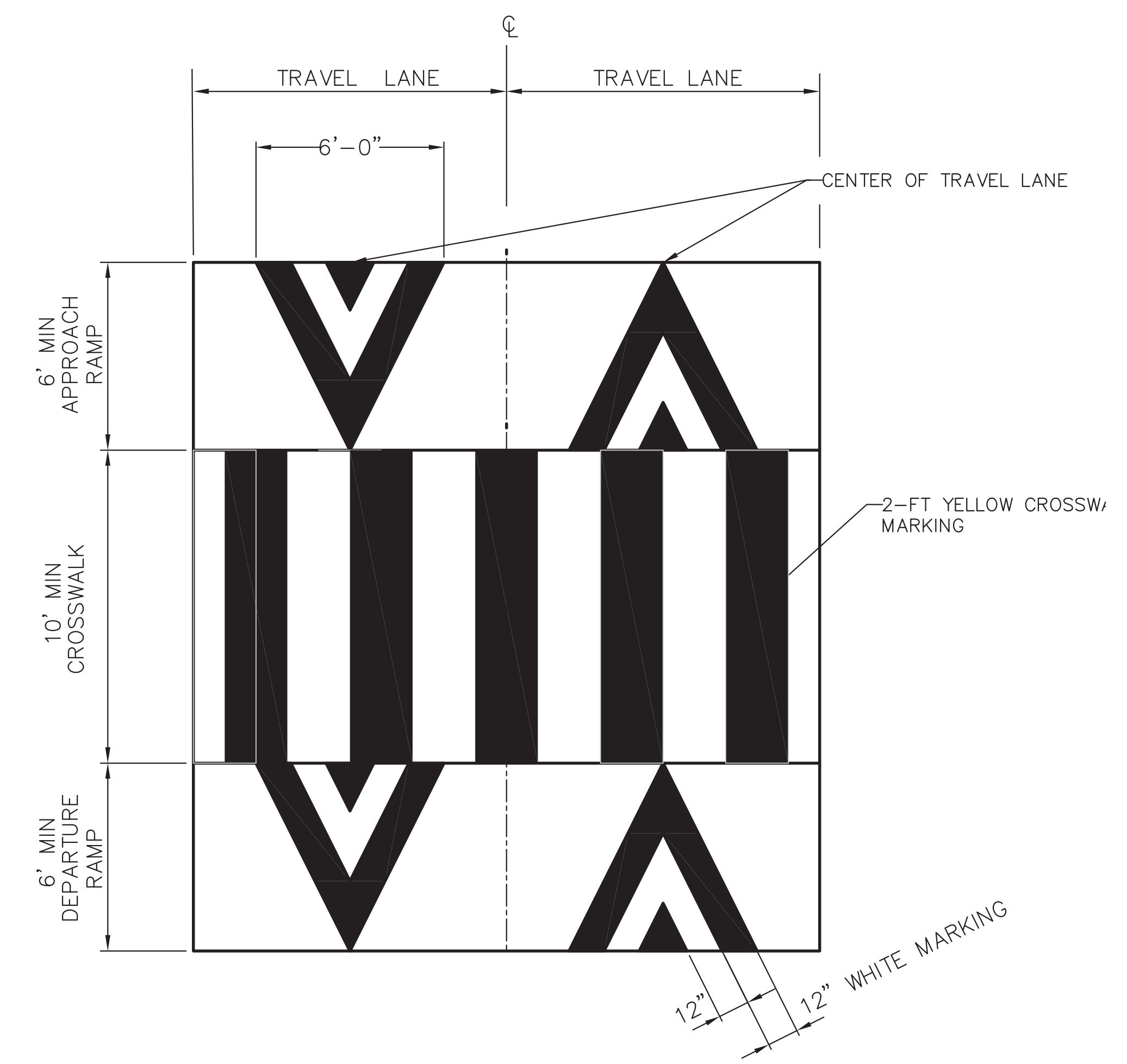
REVIEWED BY:
 CITY OF LAFAYETTE
Michael Moran
 MICHAEL MORAN, PUBLIC WORKS DIRECTOR

CITY OF LAFAYETTE
 PROJECT NO. 014-9741
 2024 ROAD PAVING
 PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

RAISED CROSSWALK SITE 1
 LAYOUT & SECTIONS
 SCALE: 1"=5'
 SHEET 21 of 23



**RAISED CROSSWALK AHEAD
ASSEMBLY DETAIL**



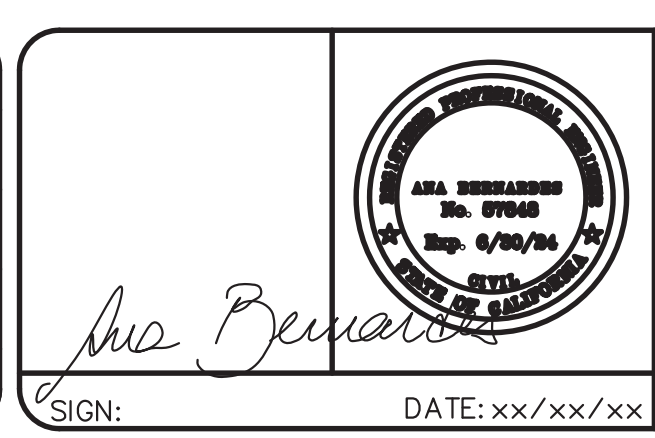
**RAISED CROSSWALK MARKING
NTS**

- NEW STRIPING/MARKING AND SIGN NOTES:**
- ① REMOVE ALL EXISTING STRIPING FOR (E) CROSSWALK THAT EXTEND BEYOND THE AREA OF (N) RAISED CROSSWALK AND APPLY FOG SEAL.
 - ② INSTALL NEW W17-1bP WITH R1-5L ON THE RIGHT SIDE OF THE STREET. LOCATION TO BE ALIGNED WITH YIELD MARKINGS AND AS DETERMINED BY ENGINEER.
 - ③ INSTALL YIELD LINES A MINIMUM OF 20'-0 FROM EDGE OF ASCENDING RAMP. REMOVE EXISTING YIELD LINES THAT ARE BEYOND OF THE AREA OF (N) RAISED CROSSWALK AND APPLY FOG SEAL.
 - ④ INSTALL (N) RAISED CROSSWALK ADVANCED SIGN ASSEMBLY (W11-2 WITH RAISED CROSSWALK AHEAD SIGN).
 - ⑤ REFRESH (E) 8" THERMOPLASTIC WHITE EDGE LINE. (APPROX. 125LF)

**SITE 1- NEW STRIPING AND SIGNS PLAN
SPRINGHILL RD. RIGHT TURN AT PLEASANT HILL RD.**

DATE	MARK	REVISION	INIT.

Designed by: AB
 Drawn by: AB
 Checked by: JMI
 Reviewed by: MM
 Date: 2/9/2024

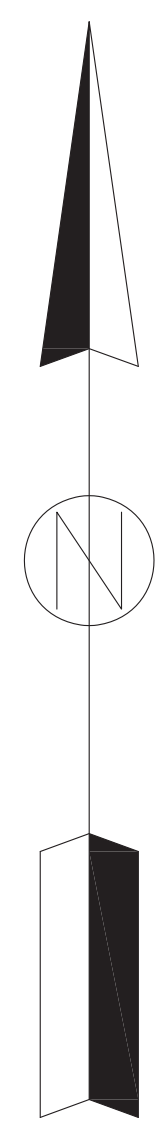


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 PROJECT**
 CONTRA COSTA COUNTY CALIFORNIA

**RAISED CROSSWALK
 SITE 1-STRIPING & SIGN PLAN**
 SCALE: 1"=5'
 SHEET 22 of 23



ACALANES UNION HIGH SCHOOL

SCHOOL DRIVEWAY

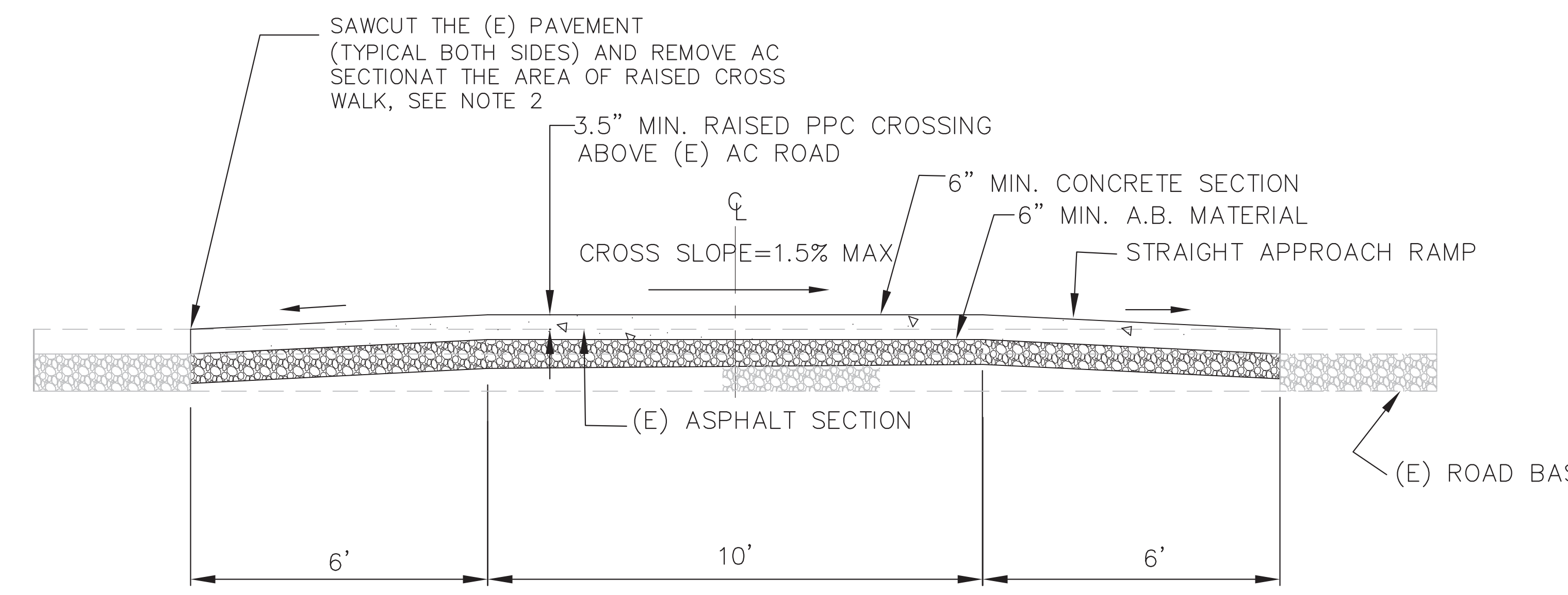
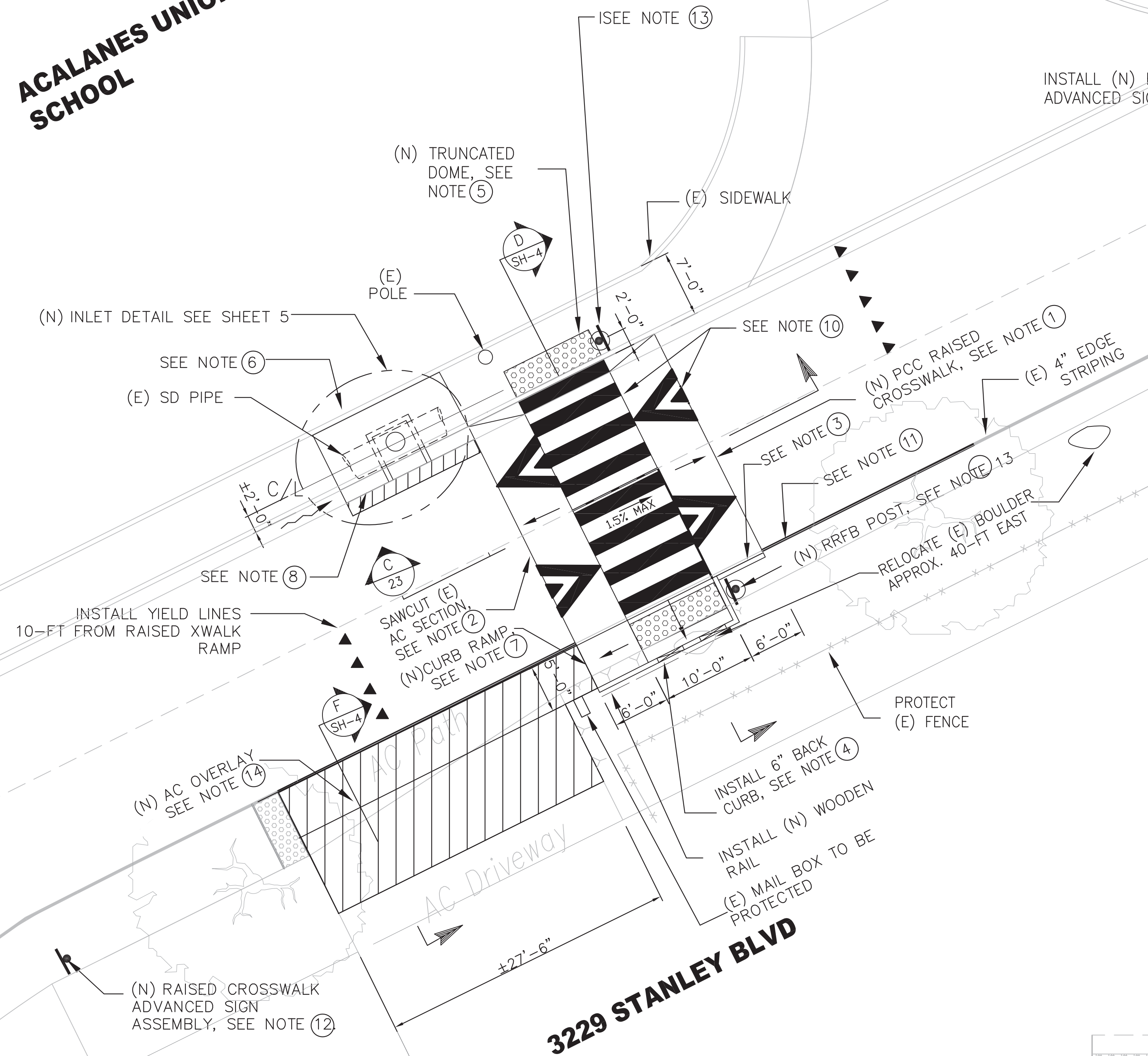
STANLEY BOULEVARD

3229 STANLEY BLVD

PLAN VIEW- NEW RAISED CONCRETE CROSSWALK AT STANLEY BLVD. WEST OF ACALANES HIGH SCHOOL DRIVEWAY

DEMOLITION AND NEW IMPROVEMENTS NOTES:

- 1 INSTALL NEW 6" PCC RAISED CROSSWALK WITH MIN. 6" AB, 10-FT WIDE, WITH ASCENDING AND DESCENDING MIN. 6-FT RAMPS. (APPROX. 506 SQ-FT)
- 2 SAW CUT (E) AC PAVEMENT ON EACH SIDE OF RAISED CROSSWALK AREA, AND REMOVE ± 594 SQ-FT OF ASPHALT.
- 3 BACK CURB ALONG CROSSWALK DEPARTURE RAMP IS 6" ABOVE LANDING AND TAPERS TO 0-FT AT END OF RAMP.
- 4 INSTALL 6" BACK CURB THAT IS 6" ABOVE LANDING ELEVATION AND HAS (2x) 3'-0" OPENINGS FOR DRAINAGE. (TOTAL LENGTH OF BACK CURBS APPROX. 28 LF).
- 5 INSTALL (N) SURFACE DETECTABLE GLUED DOWN, AND FASTENED ADA DOME AT (E) SIDEWALK. DOME SHALL EXTEND THE FULL WIDTH OF RAISED CROSSWALK (10-FT WIDE) AND BE LOCATED AT ALIGNMENT PARALLEL TO CROSSWALK PREDOMINATE DIRECTION OF TRAVEL. DOME SHALL BE ONYX BLACK IN COLOR.
- 6 REMOVE ±91 SQ-FT OF (E) P.C.C. SIDEWALK TO BUILD NEW TYPE D INLET PER CONTRA COSTA COUNTY STANDARD DETAILS CD23. SEE SHEET 07 FOR DETAILS NOT SHOWN ON THIS SHEET.
- 7 INSTALL NEW CALTRANS MODIFIED CASE C CURB RAMP PER CALTRANS' DETAIL A88A, WITH 6" RETAINING BACK CURB AND THICKER EDGE ALONG SOUTH SIDE OF CURB RAMP. (APPROX. 30 SF)
- 8 REMOVE ± (13 LF) OF (E) CURB AND GUTTER AND 1'-6" WIDE AC TO INSTALL (N) TYPE D INLET PER CONTRA COSTA COUNTY STANDARD DETAILS CD23. SEE SHEET 07 FOR DETAILS NOT SHOWN ON THIS SHEET.
- 9 INSTALL MIN. 6" DEEP X 1'6" WIDE (N) AC PLUG AT (N) INSTALLED CURB AND GUTTER.
- 10 INSTALL RAISED CROSSWALK, YELLOW HIGH VISIBILITY LADDER AND CHEVRON WHITE THERMOPLASTIC MARKINGS, PER SHEET 4 DETAILS.
- 11 REFRESH 4" WHITE THERMOPLASTIC LINE ON EACH SIDE OF NEW RAISED CROSSWALK (APPROX. 50-FT).
- 12 INSTALL RAISED CROSSWALK ADVANCED SIGNS ASSEMBLY (W11-2 AND RAISED CROSSWALK AHEAD SIGNS), SEE SHEET 04.
- 13 INSTALL 2.5" SQUARE POST FOR FUTURE RRFB PROVIDED BY CITY) ON A NEW INSTALLED 2'x5'DEEP FOOTING.
- 14 INSTALL (N) AC OVERLAY BETWEEN (N) INSTALLED CURB RAMP AND (E) RAMP PER SECTION F/SH 06



SITE 2- CONCRETE RAISED CROSSING SECTION C 23 NTS

DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	MM
REVIEWED BY:	AB
DATE:	2/8/2024

DATE	MARK	REVISION	INIT.

SIGN: *Aus B...* DATE: ----

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www.ci.lafayette.ca.us

REVIEWED BY:
CITY OF LAFAYETTE

Michael Moran xx/xx/xx

MICHAEL MORAN, PUBLIC WORKS DIRECTOR

CITY OF LAFAYETTE
PROJECT NO. 014-9747
2024 ROAD PAVING PROJECT
CONTRA COSTA COUNTY CALIFORNIA

RAISED CROSSWALK SITE
2-PLAN AND SECTIONS

SCALE: 1"=8' SHEET 23 of 23