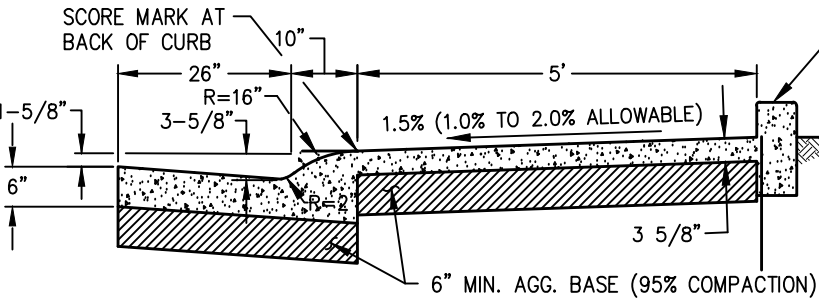


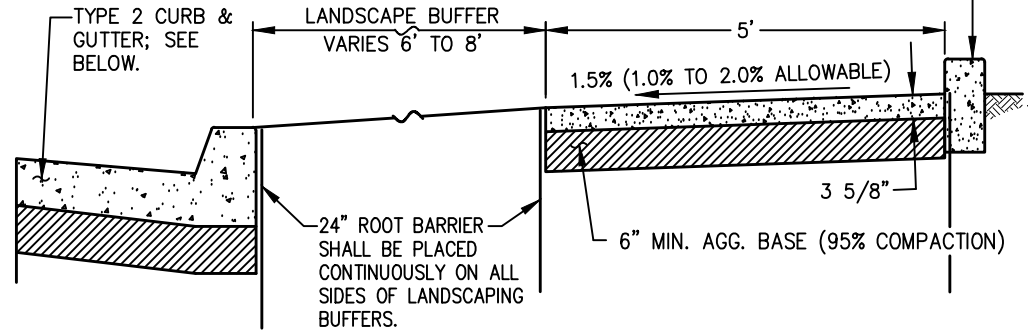
1. SEE SECTION 27-3.01 OF STANDARD CONSTRUCTION SPECIFICATIONS FOR REQUIREMENT FOR EXPANSION JOINTS, WEAKENED PLANE JOINTS AND SCORE MARKS. 1/2" RADIUS ON EXPOSED EDGES UNLESS NOTED OTHERWISE.

2. SEE DRAWING 4-31 FOR ADDITIONAL MEDIAN CURB DETAILS.

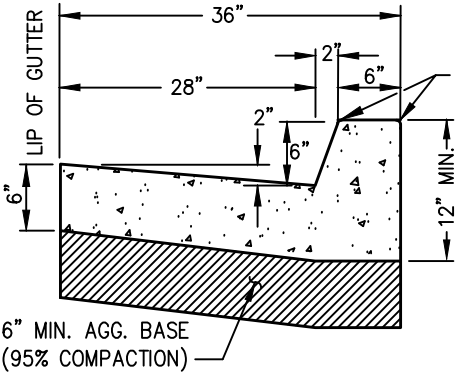


TYPE 1A CURB & GUTTER WITH ATTACHED SIDEWALK

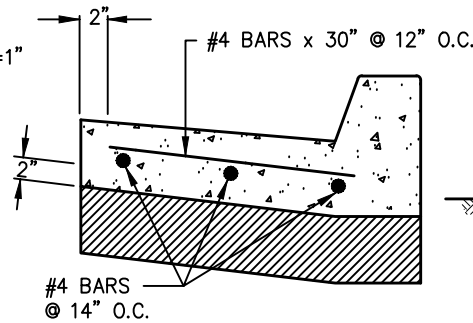
INSTALL TYPE 3 OR TYPE 4 CURB IF ABUTTING PARKING AREA OR LANDSCAPING (EXCEPT LAWN AREA). SEE DWG. 4-33.
USE ROOT BARRIER ALONG BACK OF SIDEWALK FOR A LENGTH OF TWENTY FEET WHERE TREE TRUNK IS WITHIN FIVE FEET OF SIDEWALK.



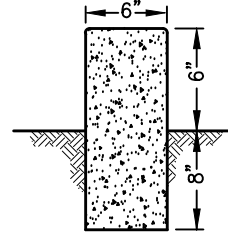
BIFURCATED SIDEWALK WITH TYPE 2 CURB & GUTTER



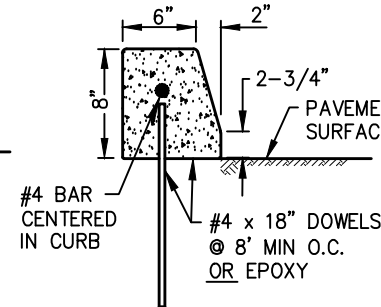
TYPE 2



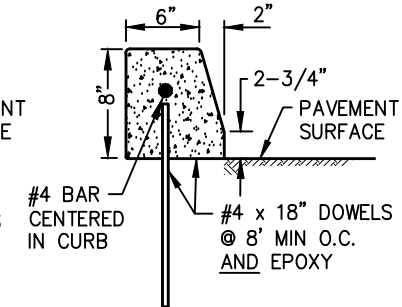
TYPE 2 REINFORCED



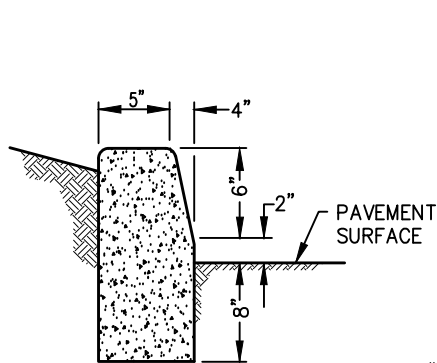
TYPE 3



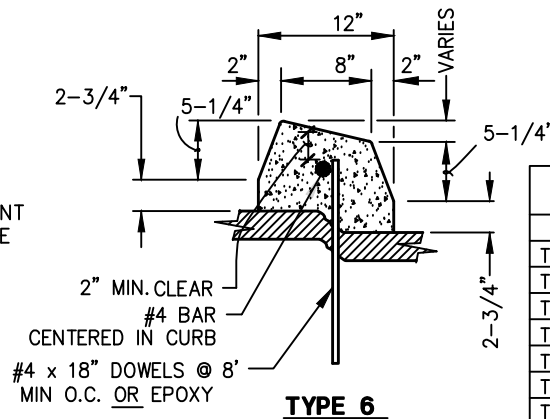
TYPE 4



TYPE 4A



TYPE 5



TYPE 6

[Signature]
CHIEF, DEPT. OF TRANSPORTATION

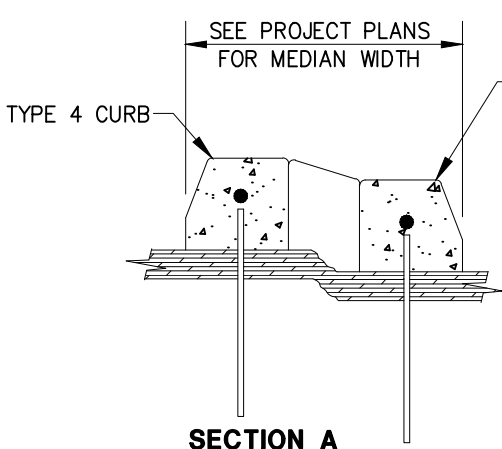
COUNTY OF SACRAMENTO

**SIDEWALK
CURB & GUTTER
SECTIONS**

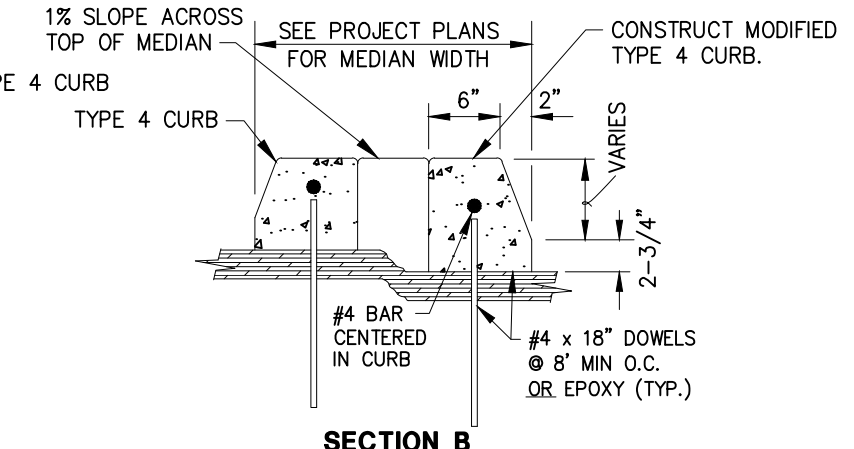
CURB QUANTITIES	
TYPE	CUBIC YARDS PER LINEAR FOOT
TYPE 1A	0.011910
TYPE 2	0.06628
TYPE 2 REINFORCED	0.06551
TYPE 3	0.02156
TYPE 4/4A	0.01509
TYPE 5	0.03386
TYPE 6	0.02177

SCALE: NONE
DATE: 09/2024
DRAWN BY: EMB

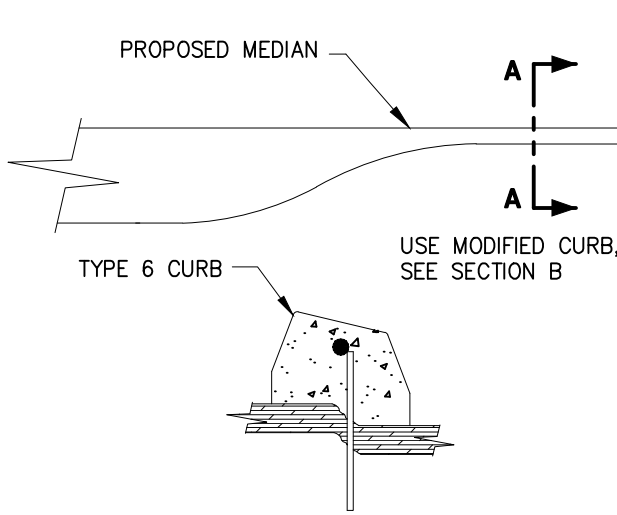
4-30



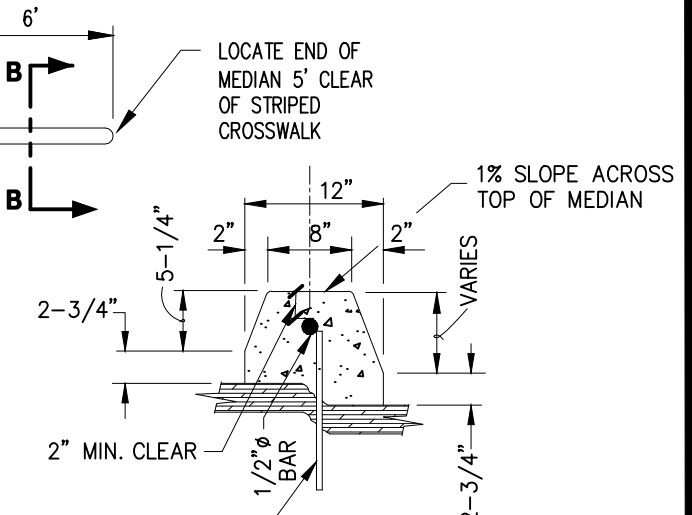
SECTION A
TYPE 4 CURB MEDIAN



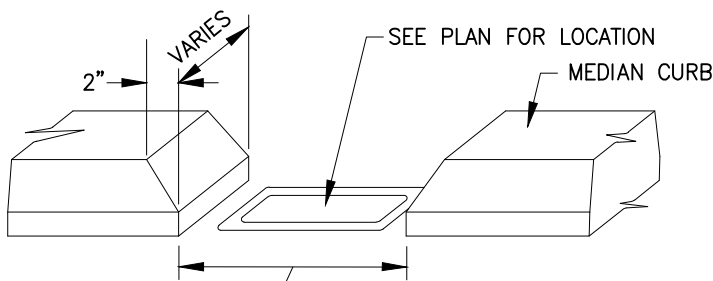
SECTION B
MODIFIED TYPE 4 CURB FOR TERMINATION OF MEDIAN



SECTION A
TYPE 6 CURB



SECTION B
MODIFIED TYPE 6 CURB FOR TERMINATION OF MEDIAN

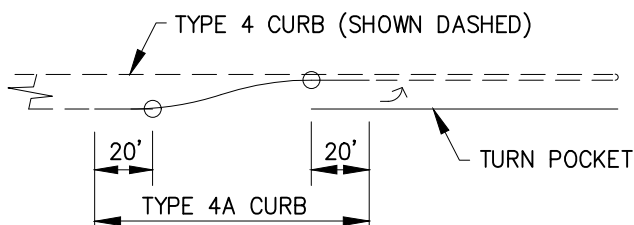


MEDIAN OPENING, SEE TABLE FOR TYPE AND WIDTH.

OPENING IN MEDIAN

OPENING TYPE	OPENING WIDTH
DRAINAGE	1'-0"
PULL BOX - #5(T)	3'-0"
PULL BOX - #6(T)	3'-6"

[Signature]
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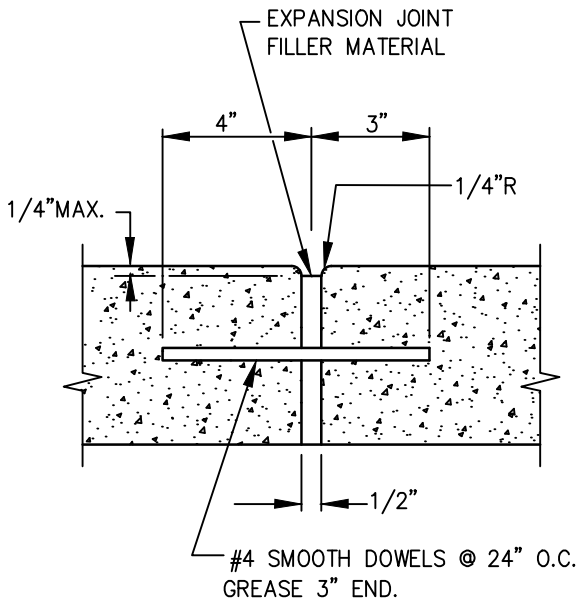
PLAN FOR TYPICAL PLACEMENT OF TYPE 4A CURB

COUNTY OF SACRAMENTO

MEDIAN DETAILS

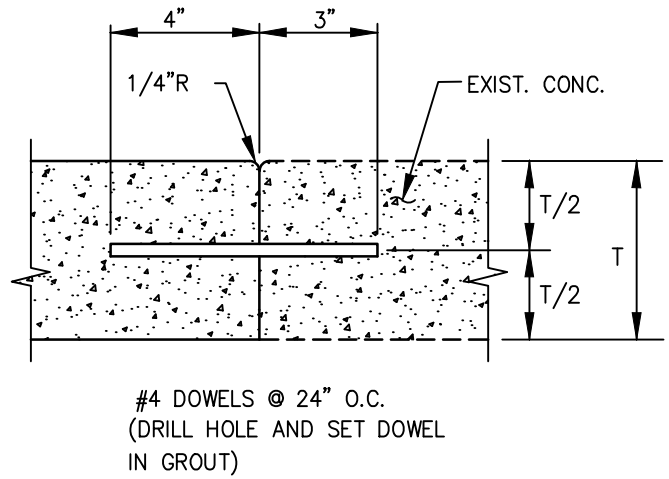
SCALE: NONE
DATE: 09/2024
DRAWN BY: BR

4-31



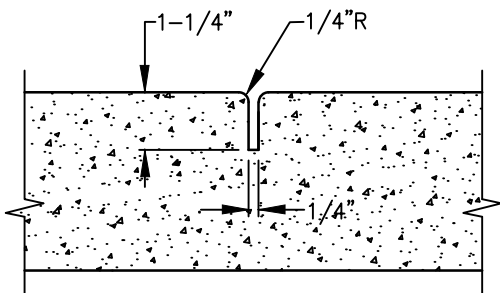
EXPANSION JOINT

USE AT 60' ON CENTER IN SIDEWALK CURB & GUTTER, MEDIAN CURBS, & MEDIAN FLATWORK. ALSO USE AT MAJOR CORNER RETURNS, SIDES OF RAMPS, DRIVEWAYS & LOCATIONS SHOWN ON PLANS & AS SPECIFIED IN SPECIFICATIONS.

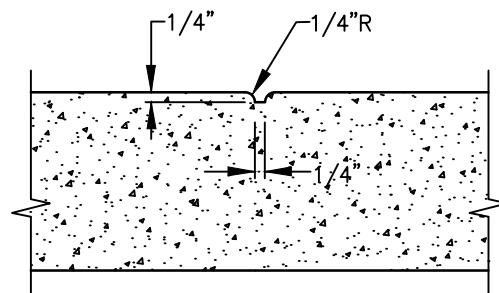


SIDEWALK CONTACT JOINT

USE WHERE NEW CONSTRUCTION OF SIDEWALK, RAMP AND/OR CURB & GUTTER ABUTTS EXISTING IMPROVEMENTS.



WEAKENED PLANE JOINT



SCORE MARK

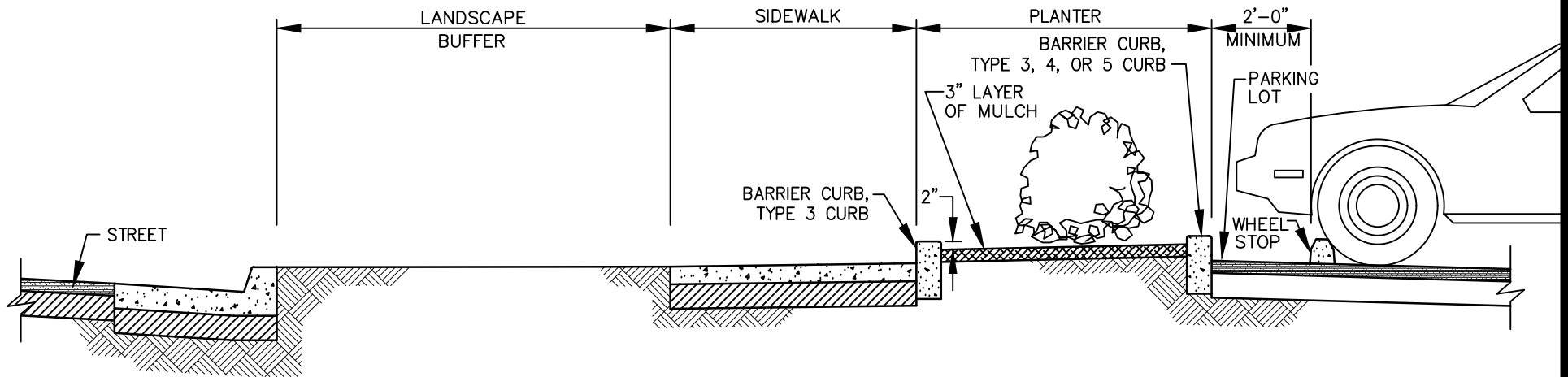
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

CONCRETE
 JOINT DETAILS

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRU P.

4-32

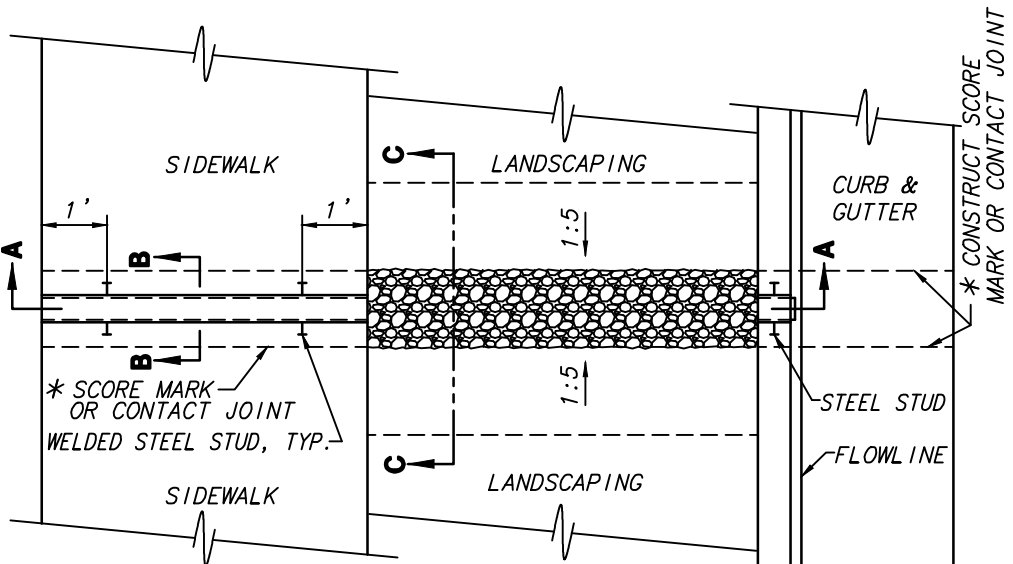


NOTES:

1. USE BARRIER CURB ADJACENT TO SIDEWALK ON ALL ARTERIAL AND THOROUGHFARE STREETS AND ALONG ALL COMMERCIAL DEVELOPMENTS.
2. SEE SECTION 4-21 OF COUNTY IMPROVEMENT STANDARDS FOR REQUIREMENTS.
3. TYPE 3 CURB AT THE BACK OF SIDEWALK MAY BE OMITTED IF LAWN IS PLANTED TO THE BACK OF SIDEWALK.
4. 24" ROOT BARRIERS ARE REQUIRED ON ALL SIDES OF LANDSCAPED BUFFER AREAS AND ALONG BACK OF SIDEWALK IF TREE IS WITHIN 5' (NOT SHOWN).

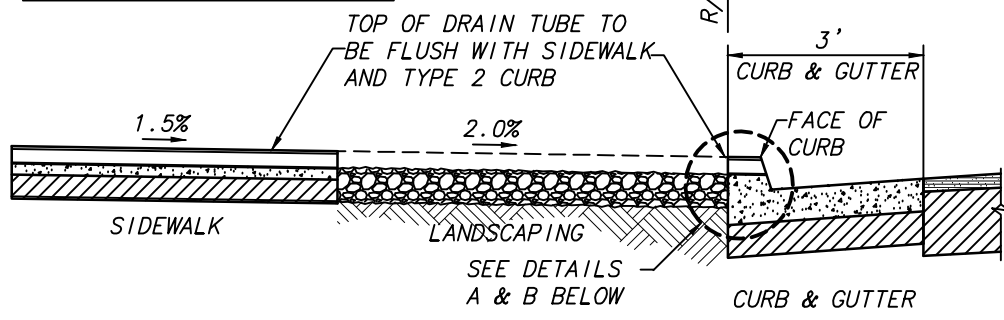

 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
BARRIER CURB DETAIL	
SCALE: NONE	4-33
DATE: 09/2024	
DRAWN BY: TRU P. & B.R.	



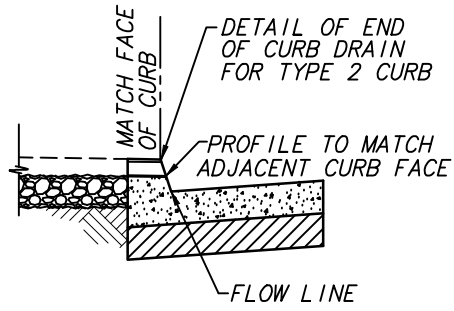
TOP VIEW

* CONSTRUCT CONTACT JOINT WHEN INSTALLED INTO EXISTING CURB & GUTTER PER STD. DWG. 4-32

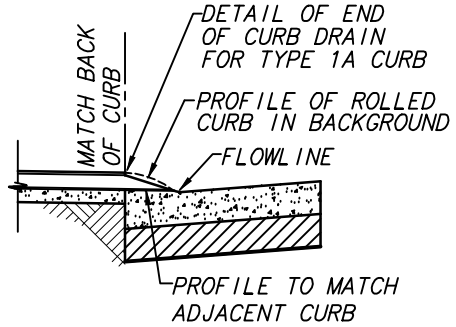


SECTION A-A

SEE DETAILS A & B BELOW



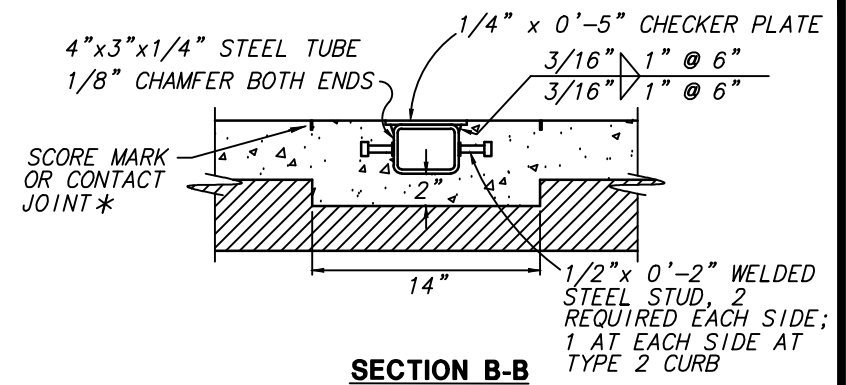
DETAIL A



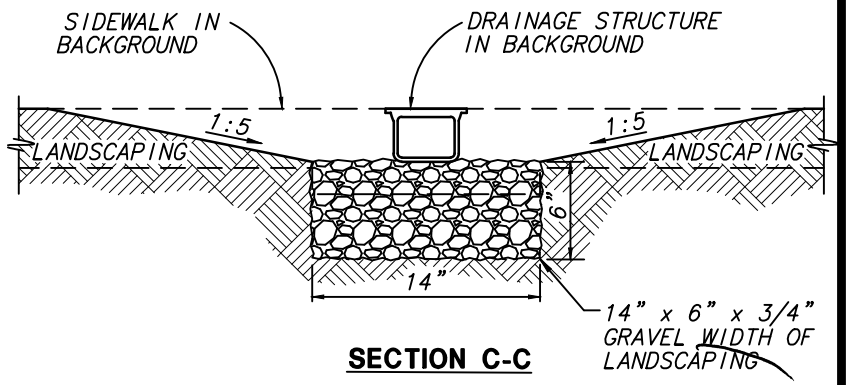
DETAIL B

NOTE:

UTILIZE MIN. G-90 GALVANIZED ELEMENTS
GALVANIZE WELDS AFTER FABRICATION



SECTION B-B

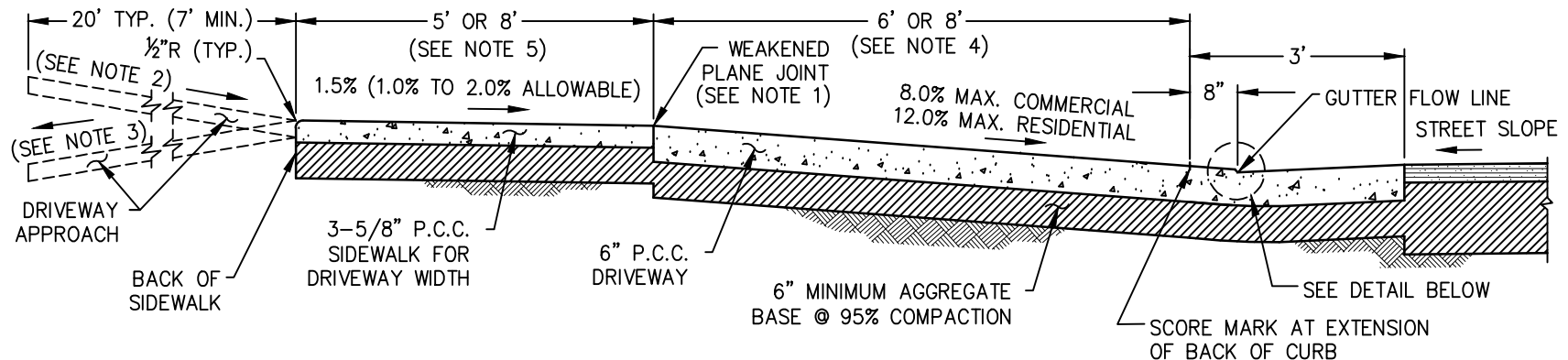


SECTION C-C

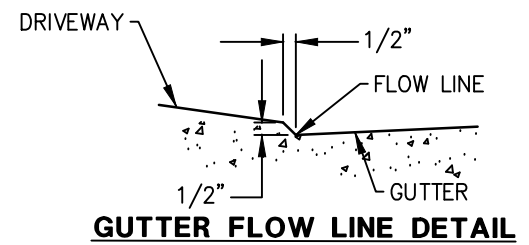
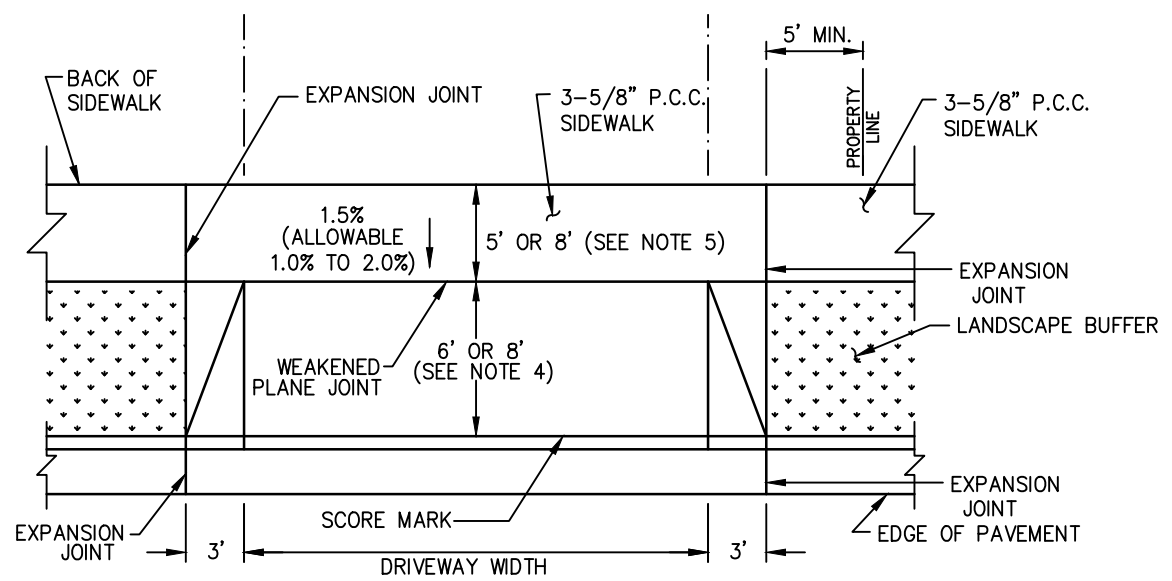
[Signature]

CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
UNDER SIDEWALK DRAIN	
SCALE: NONE DATE: 09/2024 DRAWN BY: R. GOODRICH	4-34



TYPICAL DRIVEWAY SECTION

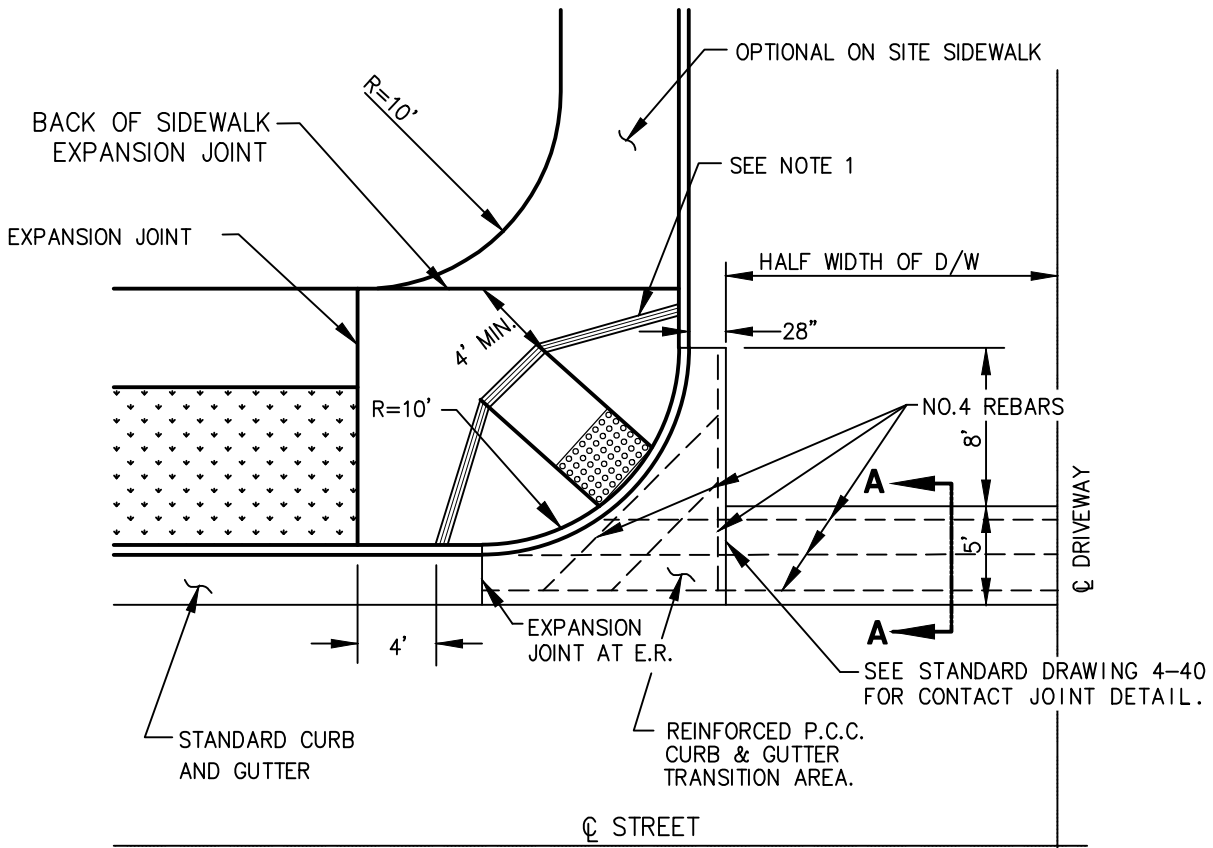


[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

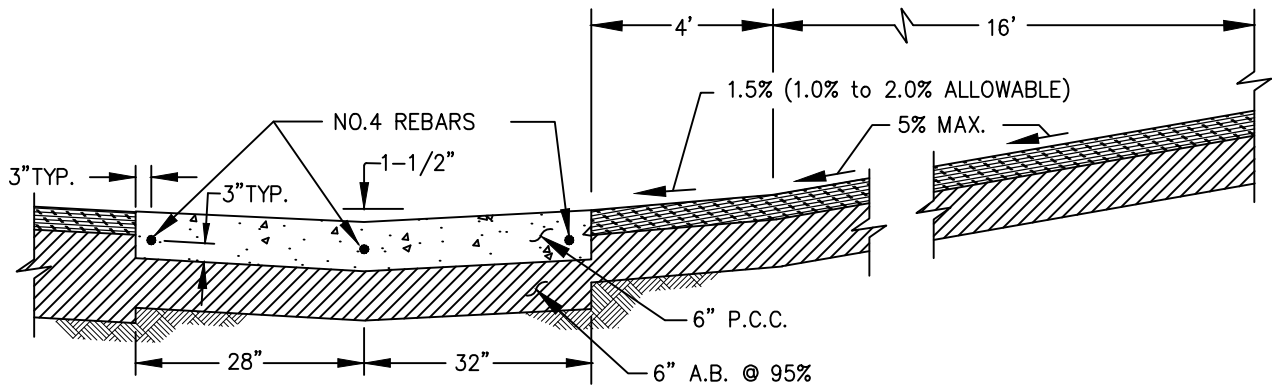
NOTES:

1. FRONT OF WALK SHALL BE A MINIMUM OF SIX INCHES ABOVE GUTTER FLOW LINE.
2. DRIVEWAY APPROACH SLOPES: 5% MAXIMUM COMMERCIAL & LEVEE AND 12% MAXIMUM RESIDENTIAL SLOPE.
3. DRIVEWAY APPROACH SLOPES: -5% MAXIMUM COMMERCIAL & LEVEE AND -8% MAXIMUM RESIDENTIAL SLOPE.
4. SEE TYPICAL SECTION STANDARD PLANS 4-1 TO 4-3 FOR STANDARD WIDTH.
5. SIDEWALK STANDARD WIDTH IS 5', EXCEPT SIDEWALK WIDTH SHALL BE 8' AT SCHOOLS, HOSPITALS, AND IN PEDESTRIAN DISTRICTS.

COUNTY OF SACRAMENTO	
TYPE A DRIVEWAY	
SCALE: NONE DATE: 09/2024 DRAWN BY: B.R. & TRU P.	4-35



PLAN VIEW



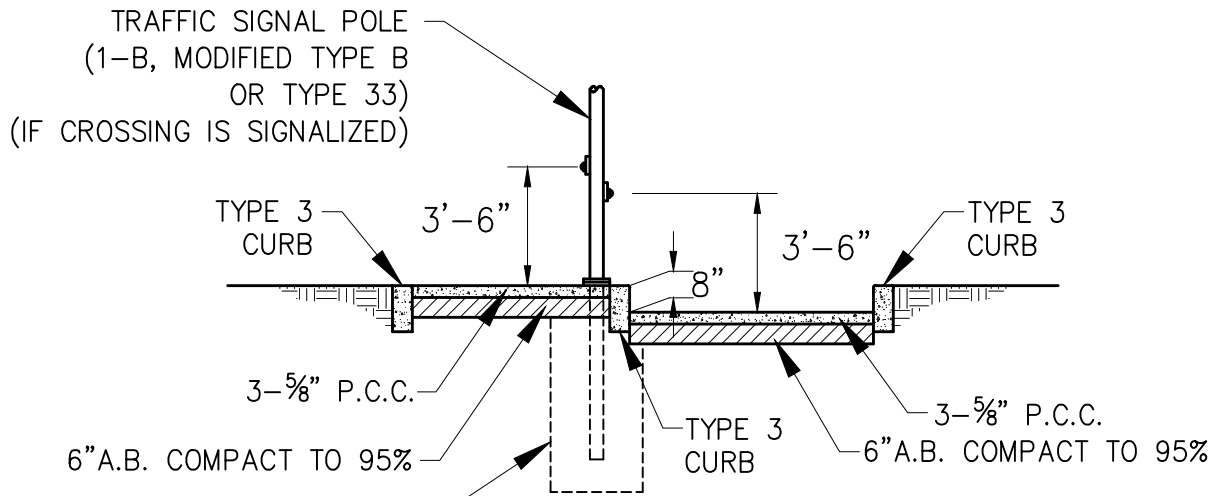
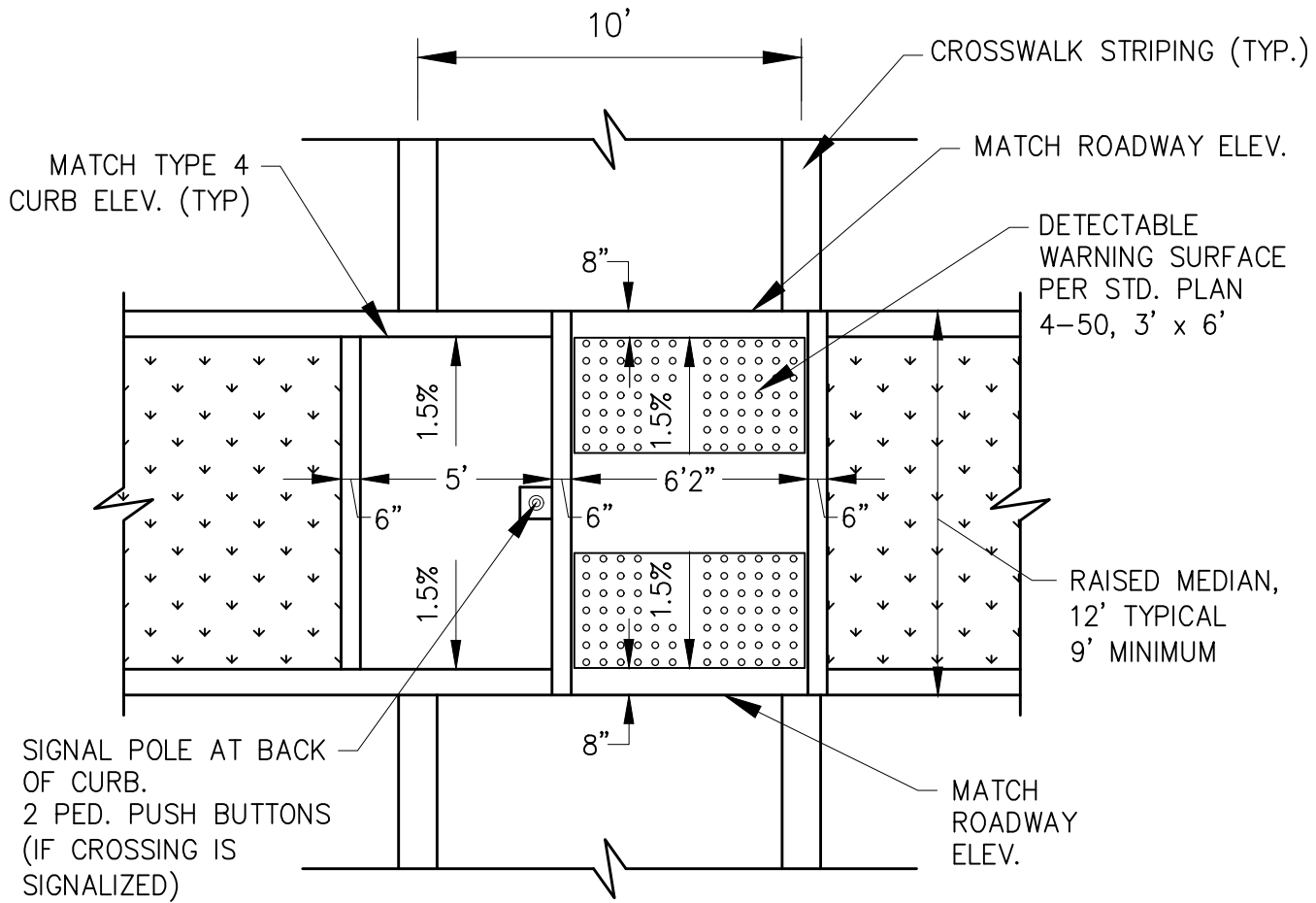
SECTION A-A

NOTES:

1. FOR DETAILS OF PLAZA RAMP SEE DRAWING 4-50.

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
TYPE B DRIVEWAY	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P.	4-36

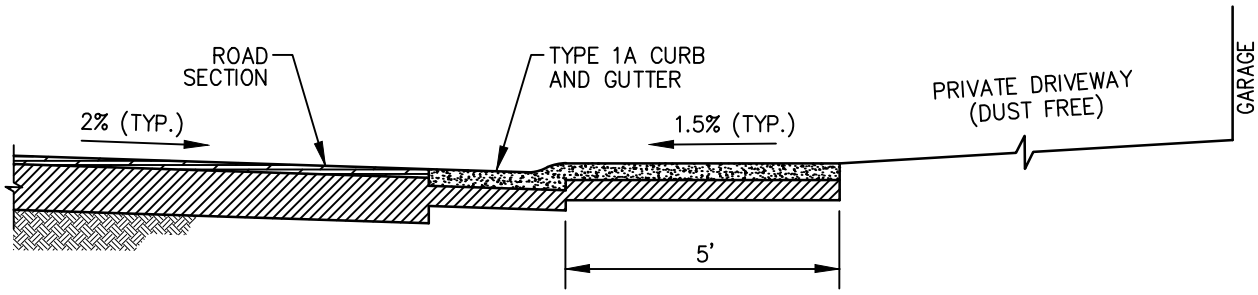


SECTION VIEW

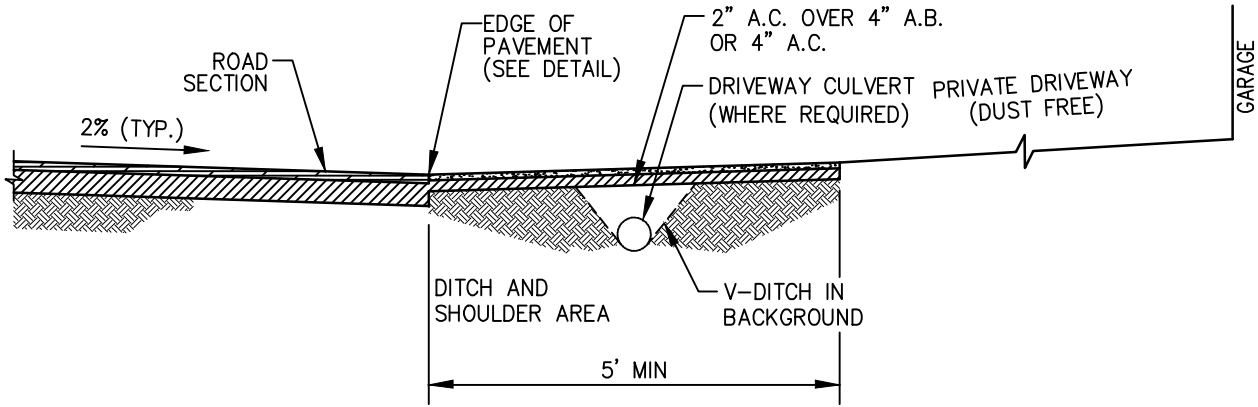
POLE FOUNDATION PER CALTRANS STANDARD (IF CROSSING IS SIGNALIZED)

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

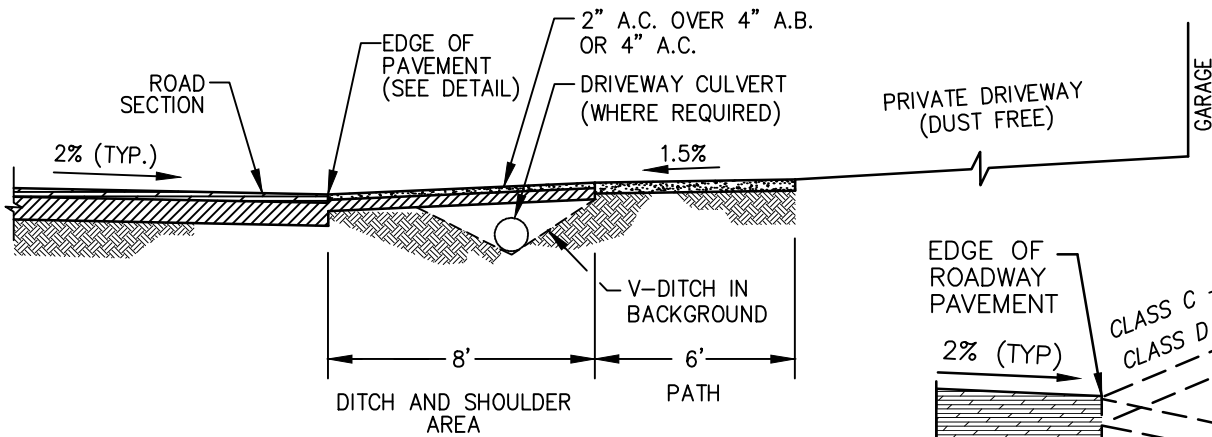
COUNTY OF SACRAMENTO	
PEDESTRIAN REFUGE AREA	
SCALE: NONE DATE: 09/2024 DRAWN BY: GODO C./BR	4-37



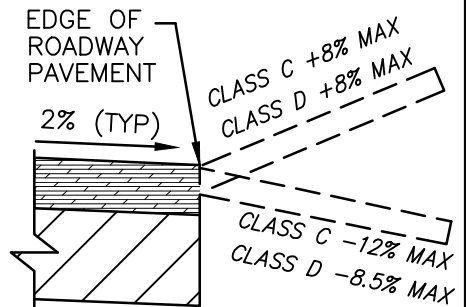
CLASS A STREET



CLASS C STREET



CLASS D STREET



EDGE OF PAVEMENT DETAIL

NOTES:

1. NO CONCRETE DRIVEWAYS WITHIN 15' OF EDGE OF PAVEMENT WITHOUT PRIOR WRITTEN APPROVAL BY THE DIRECTOR OF COUNTY ENGINEERING.
2. MAXIMUM ALGEBRAIC DIFFERENCE OF A GRADE CHANGE BETWEEN ANY INTERSECTING ROADWAY AND A DRIVEWAY SHALL NOT BE GREATER THAN 10% (SEE EDGE OF PAVEMENT DETAIL).

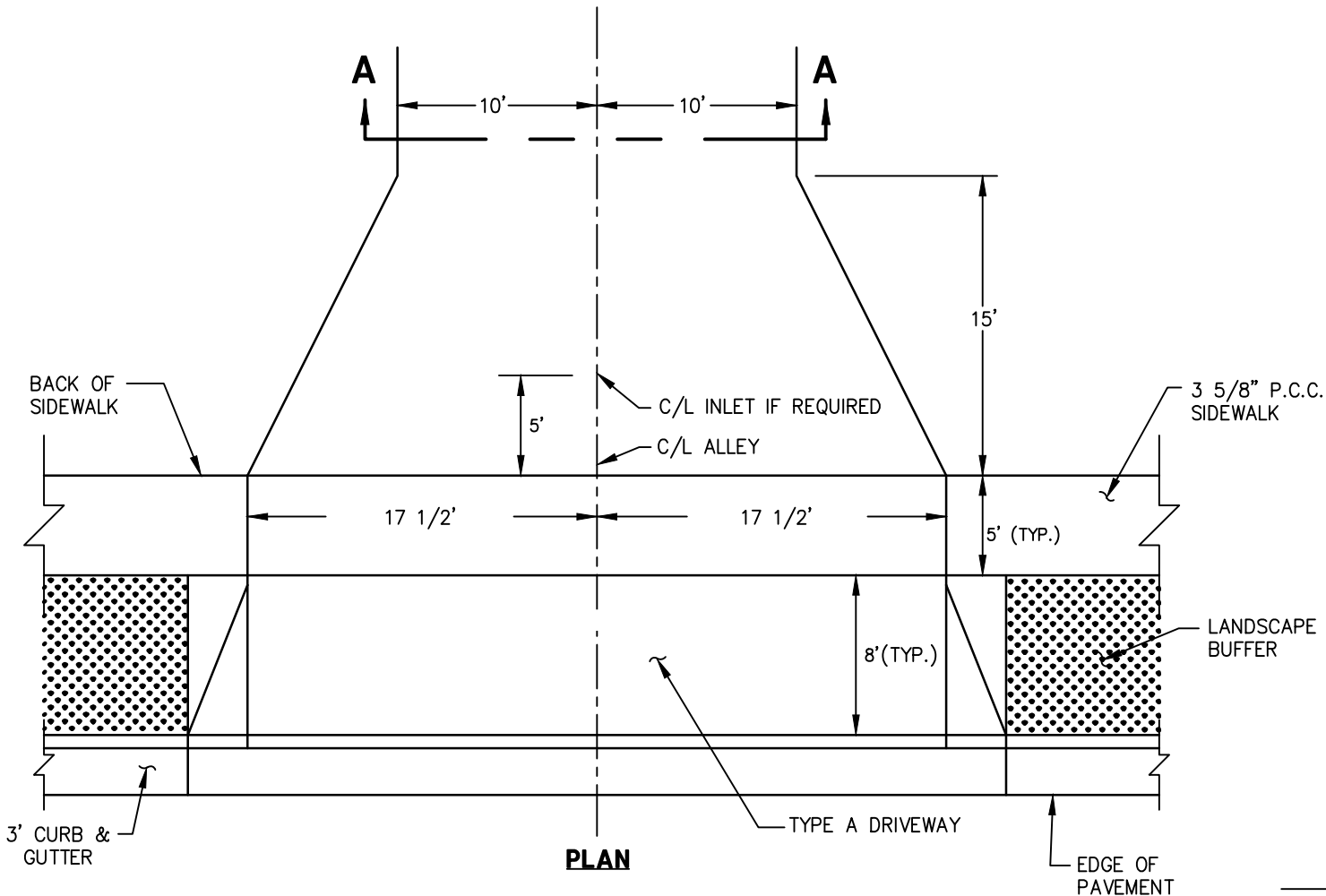
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

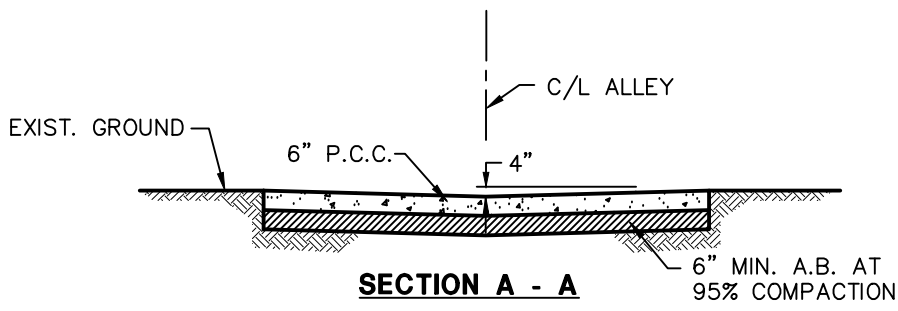
**RESIDENTIAL DRIVEWAY
 SECTIONS: CLASS A,
 CLASS C AND D STREETS**

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRU

4-38



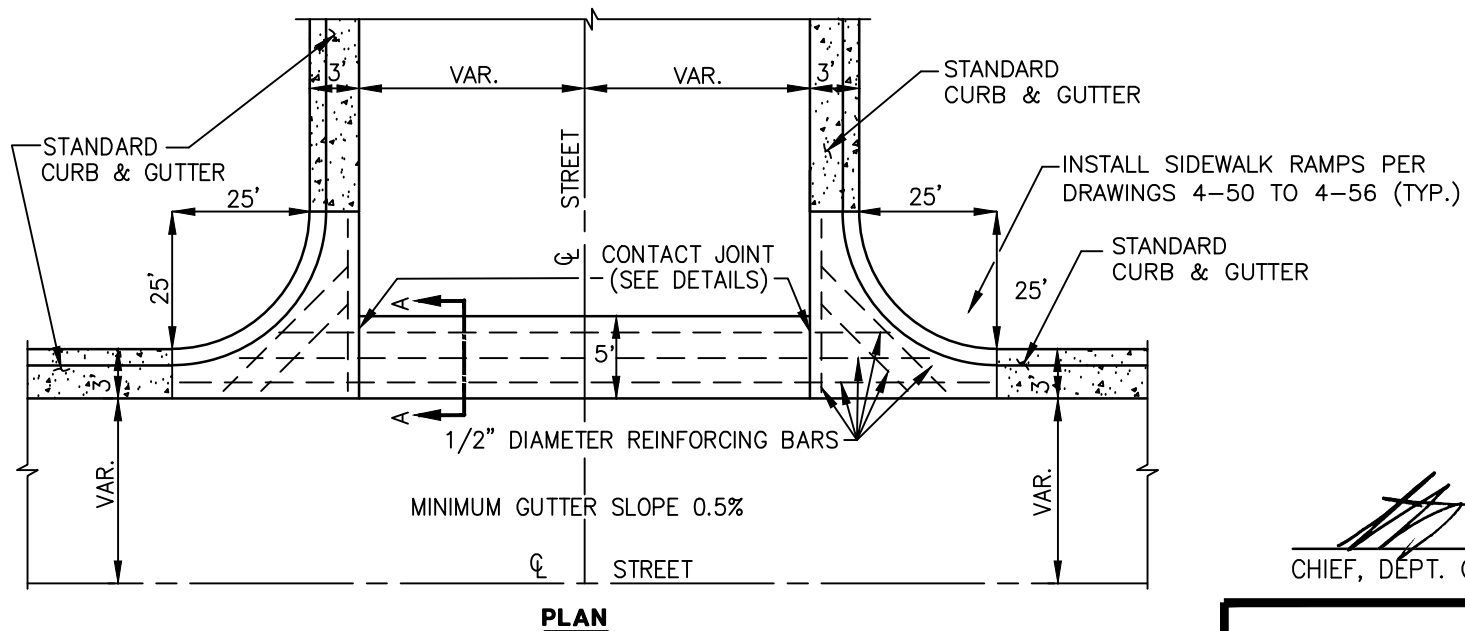
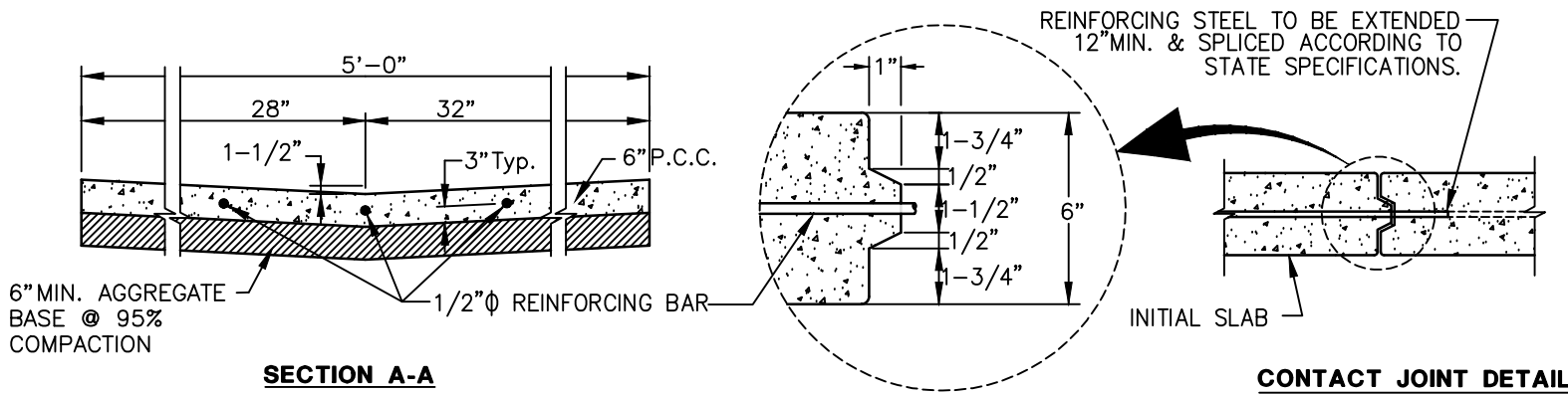
PLAN



SECTION A - A

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

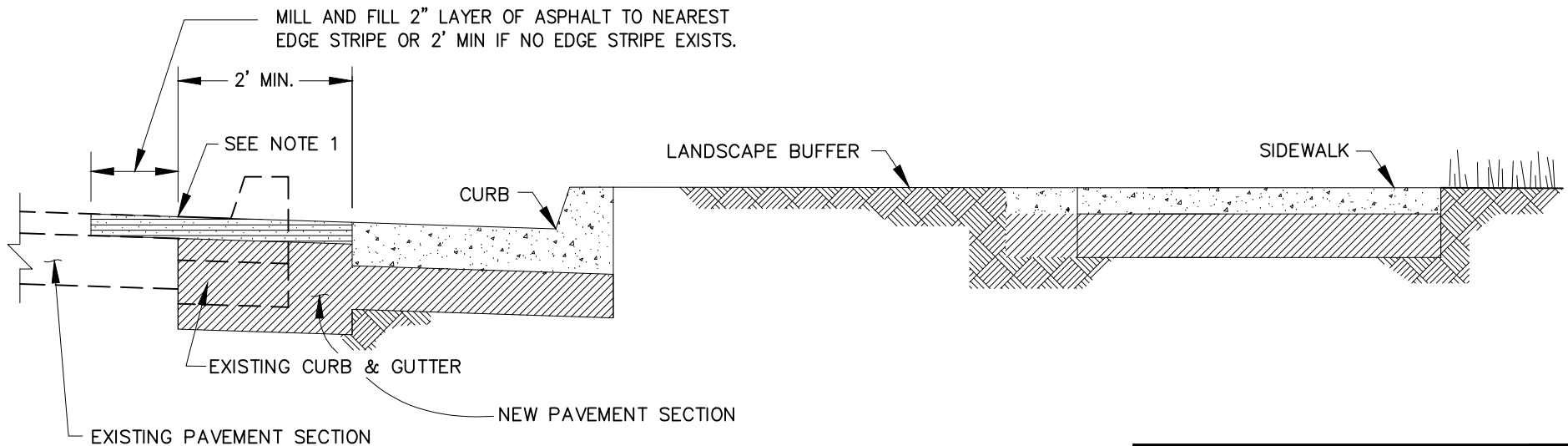
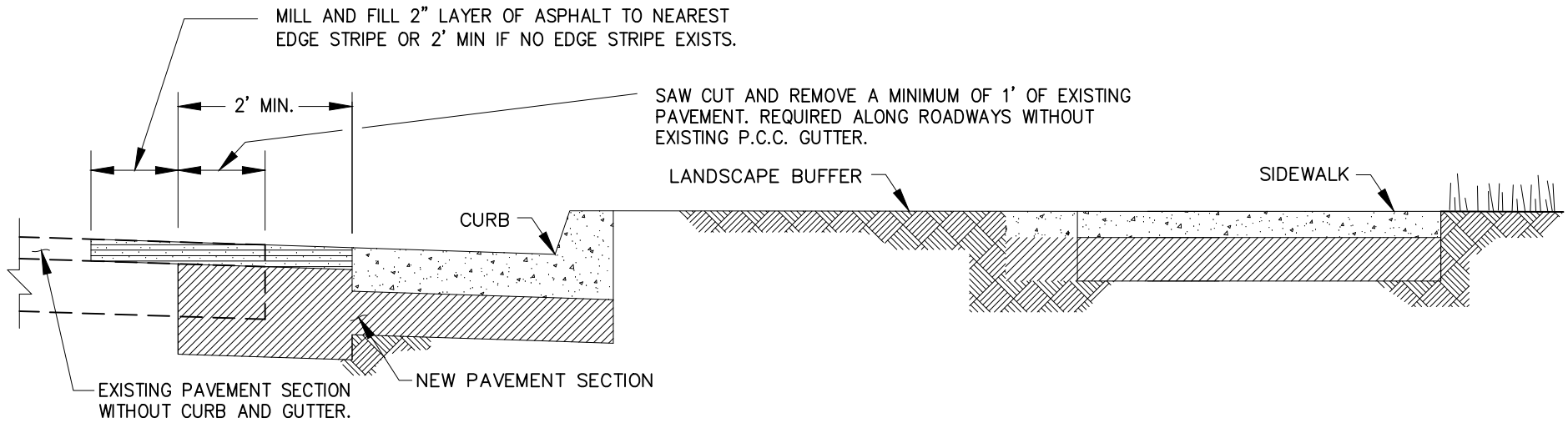
COUNTY OF SACRAMENTO	
ALLEY DETAILS	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P.	4-39



[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
CROSS GUTTER	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P.	4-40

NOTE:
 CROSS GUTTERS ARE NOT ALLOWED WITHIN A SIGNALIZED INTERSECTION.



NOTE:

1. SAW CUT AT EDGE OF PAVEMENT PRIOR TO REMOVAL OF EXISTING GUTTER. IF CONDITION OF EXISTING PAVEMENT AT EXISTING LIP OF GUTTER IS UNACCEPTABLE FOR PAVEMENT WIDENING, SAW CUT AND REMOVE ADDITIONAL PAVEMENT WIDTH AS DIRECTED BY THE ENGINEER.

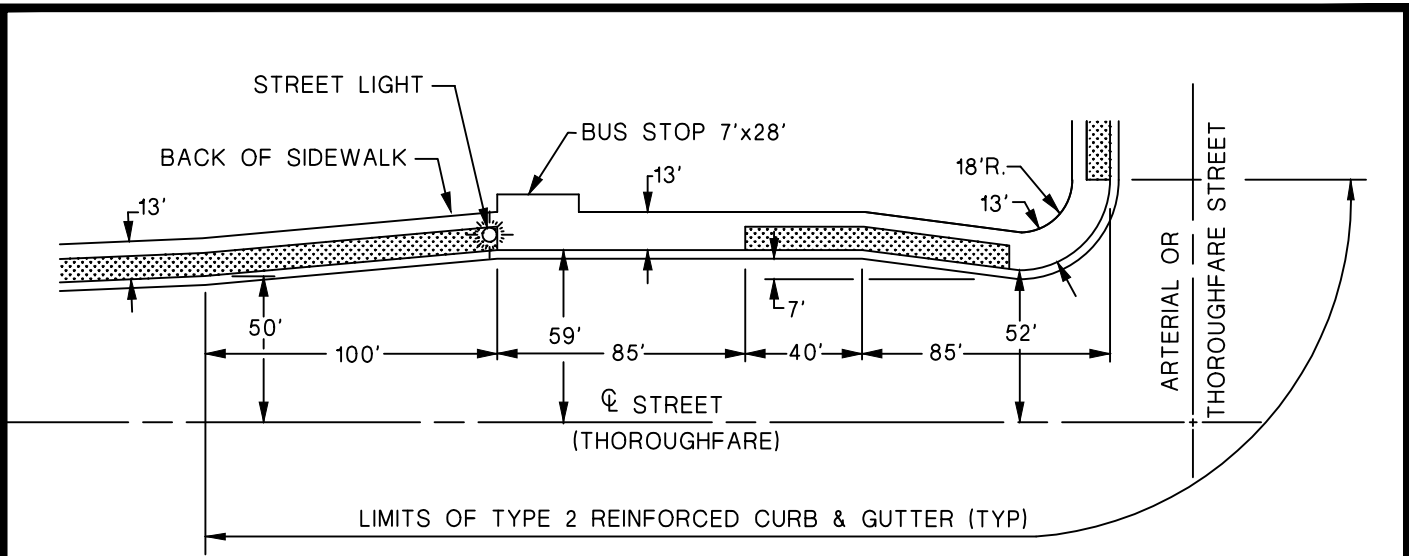
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

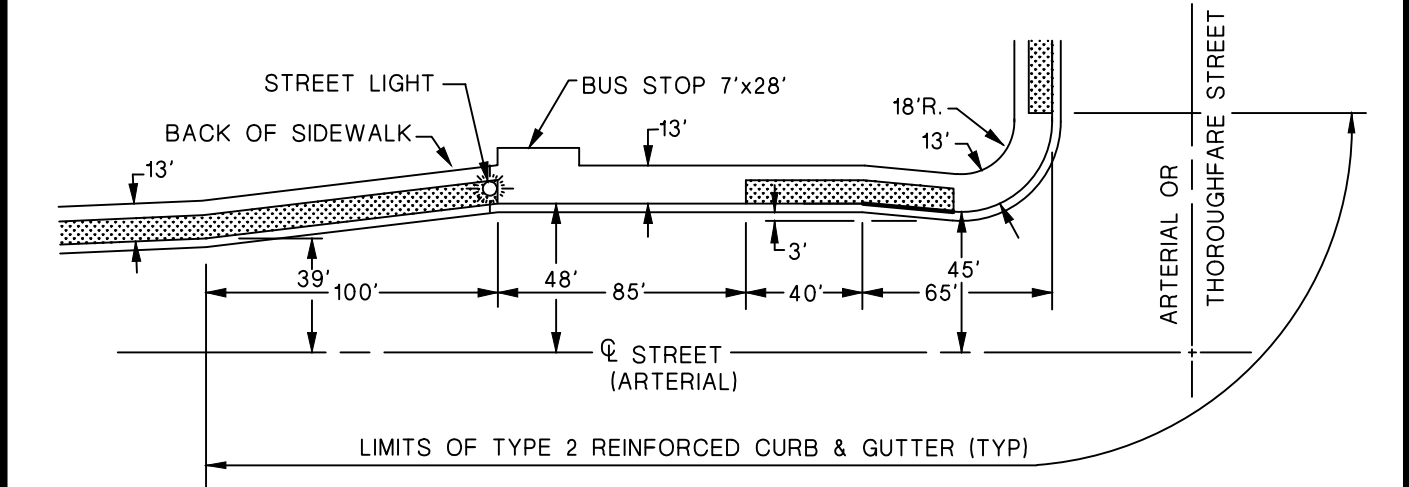
**PCC CURB & GUTTER
 PAVEMENT WIDENING
 DETAIL**

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRS

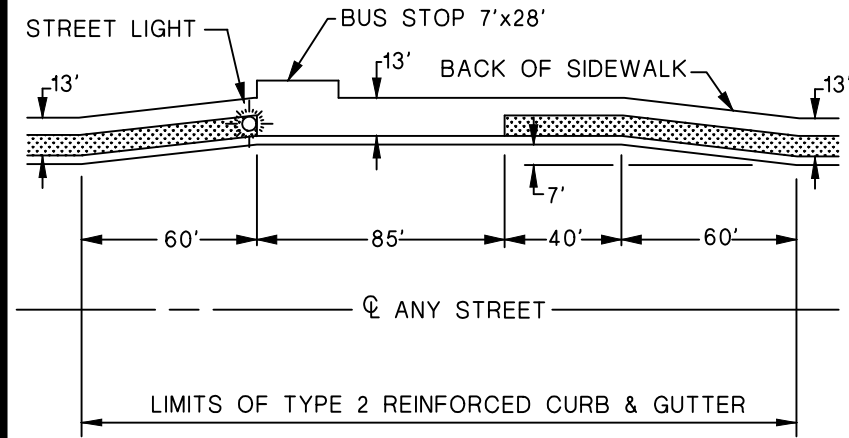
4-42



BUS TURNOUT ON THOROUGHFARE STREETS



BUS TURNOUT ON ARTERIAL STREETS



TYPICAL MID-BLOCK BUS TURNOUT

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

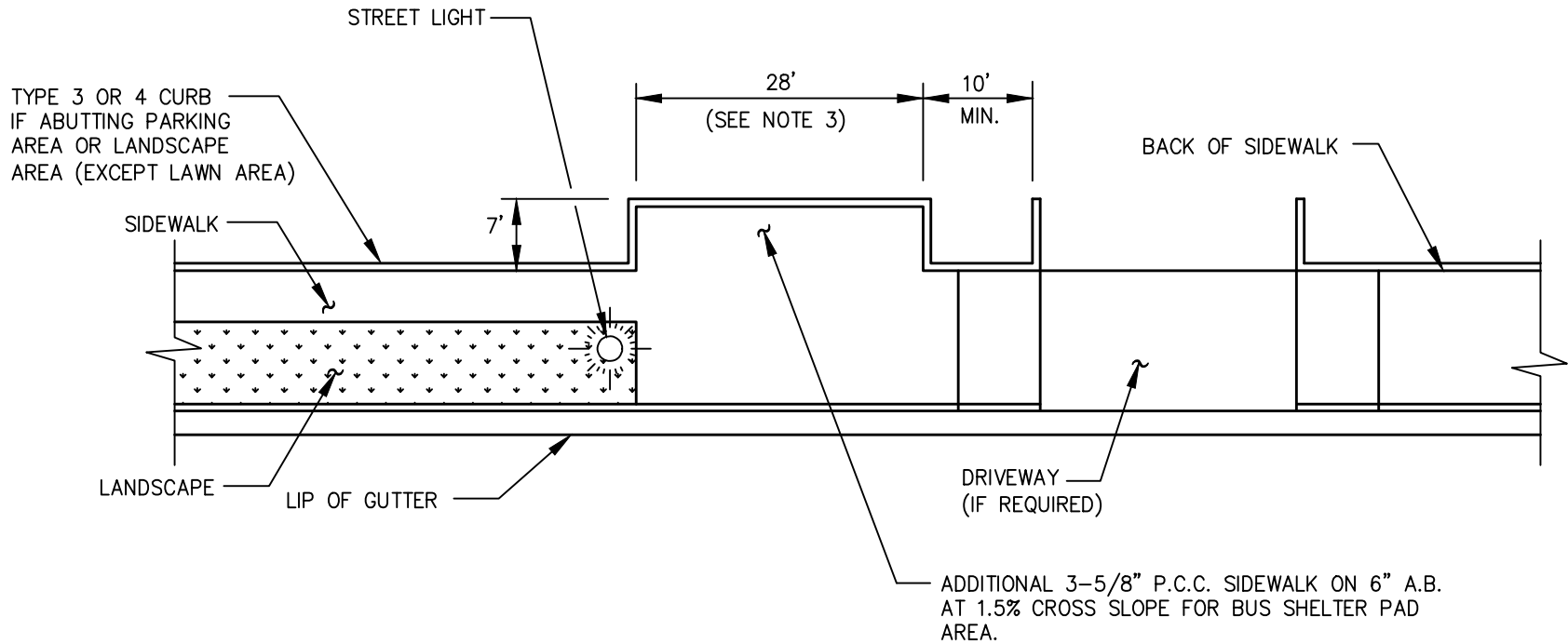
COUNTY OF SACRAMENTO

BUS TURNOUTS

- NOTES:
1. SEE DRAWINGS 4-6 THRU 4-8, 4-10, 4-12 THRU 4-14 FOR ADDITIONAL BUS STOP GEOMETRY.
 2. USE SIMILAR LIMITS FOR REINFORCED TYPE 2 CURB ALONG BUS STOPS ON ARTERIAL AND THOROUGHFARE STREETS THAT INTERSECT WITH COLLECTOR STREETS.

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRU P.

4-43

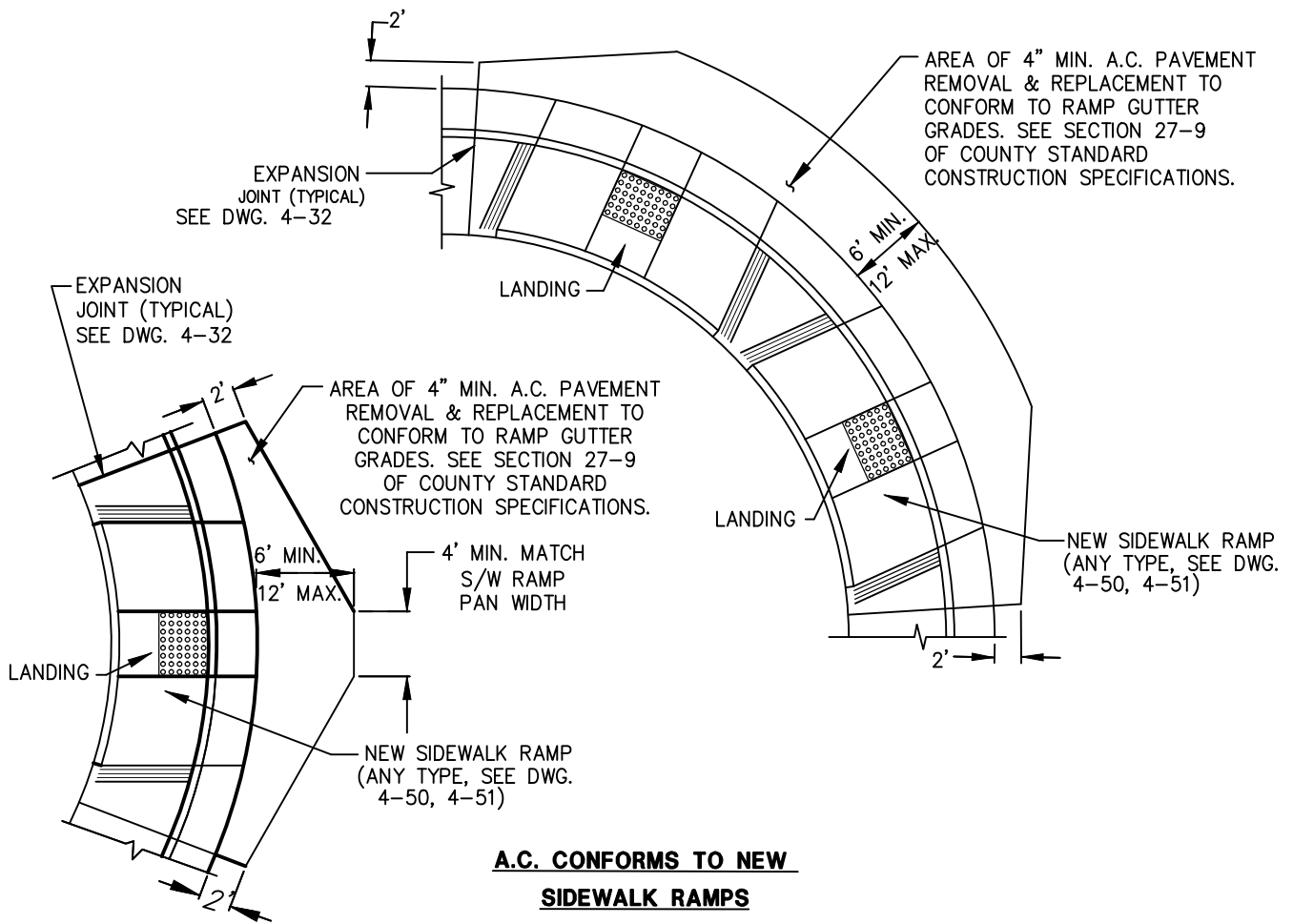


NOTES:

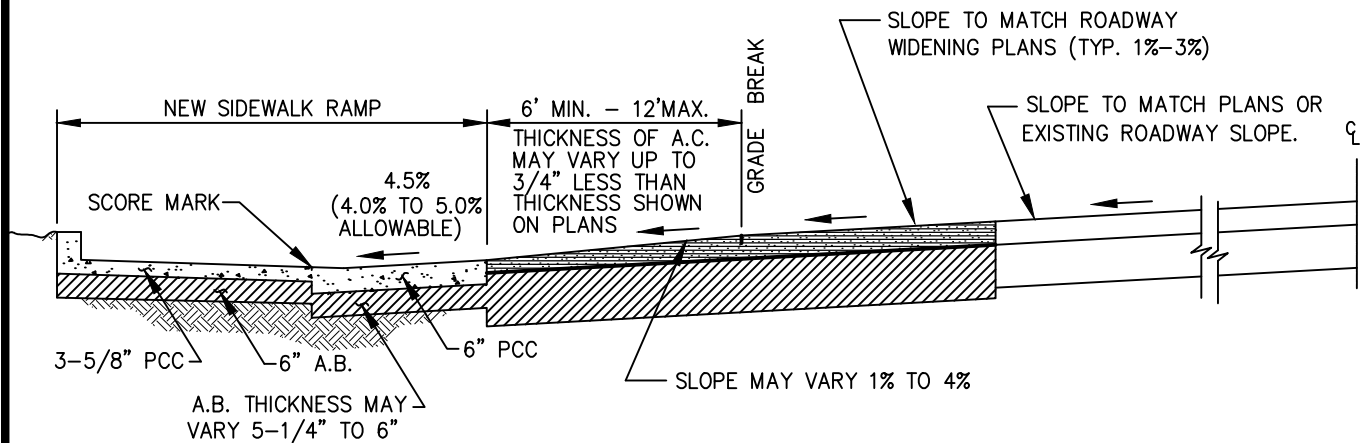
1. FOR BUS STOPS WITHOUT TURNOUTS, TYPE 2 REINFORCED CURB & GUTTER SECTION SHALL BE USED FOR 100' EACH SIDE OF BUS STOP SIGN.
2. SEE STANDARD DRAWING 4-43 FOR APPLICATIONS OF TYPE 2 REINFORCED CURB & GUTTER AT BUS STOP TURNOUTS.
3. PAD LENGTH MAY BE 14' AT MINOR STREET INTERSECTIONS & MID BLOCK LOCATIONS.


 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
BUS STOP DETAILS	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P.	4-44



A.C. CONFORMS TO NEW SIDEWALK RAMPS IN EXISTING PAVED AREAS.



A.C. CONFORMS TO NEW SIDEWALK RAMPS WITH PAVEMENT WIDENING OR ROADWAY CONSTRUCTION

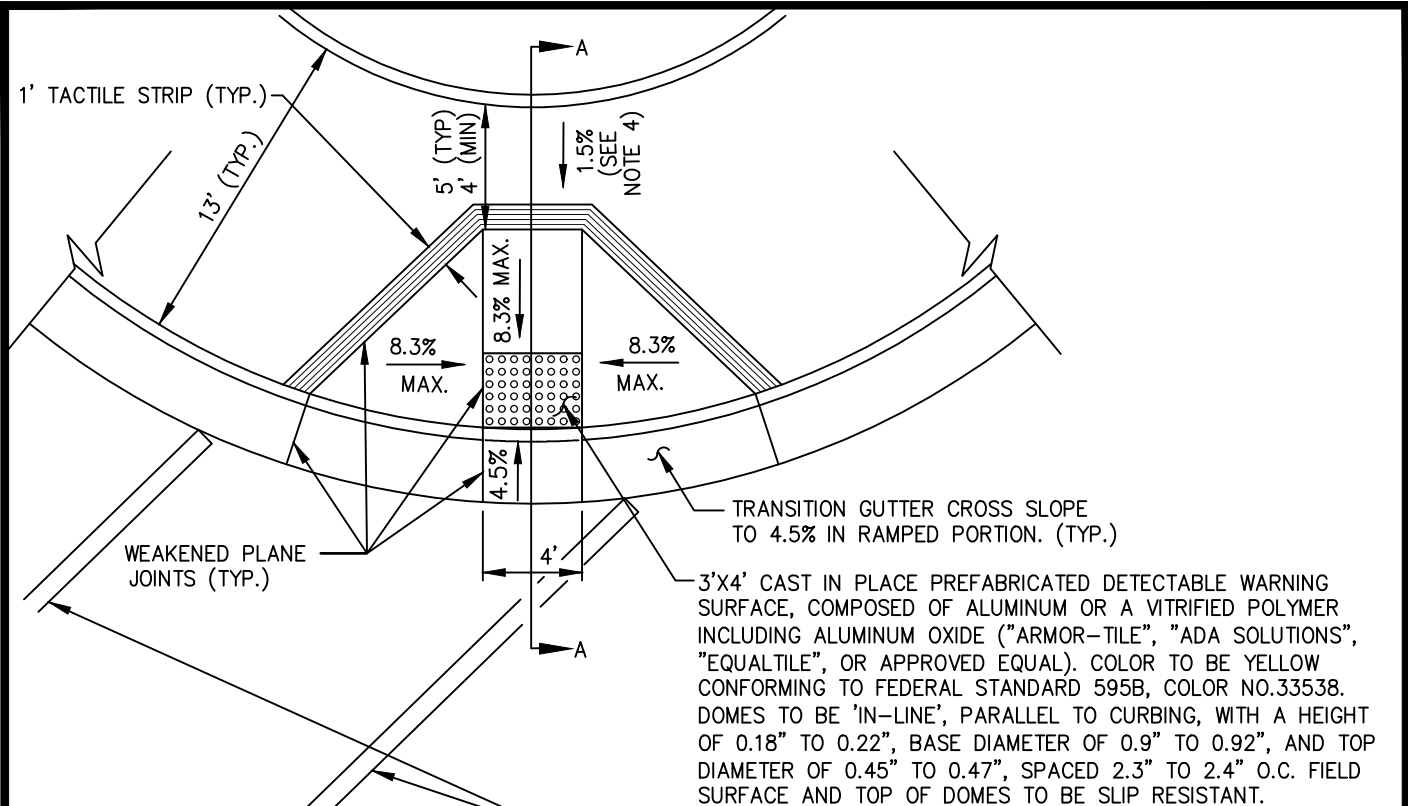
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**SIDEWALK RAMP INSTALLATION
 DETAIL - AC CONFORMS
 IN EXISTING PAVEMENT**

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRU P. & B.R.

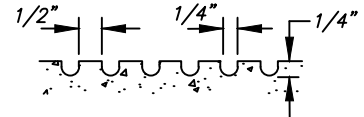
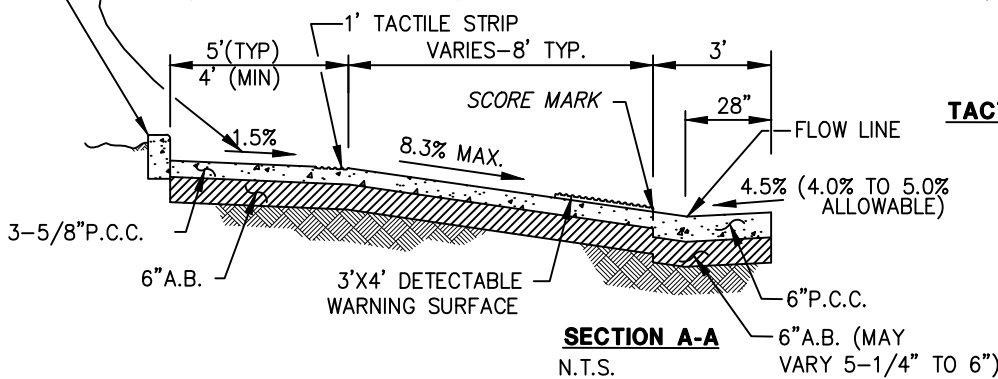
4-49



TYPE 3 OR 4 CURB REQUIRED IF ABUTTING PARKING AREA OR LANDSCAPE AREA (EXCEPT LAWN AREA) SEE DWG 4-33

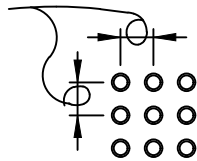
CROSSWALK LOCATED FROM TRAFFIC SIGNAL DESIGN PLANS. ALL OF 4' WIDE RAMP PATHWAY SHALL FALL WITHIN EXTENSION OF CROSSWALK LINES.

1.5% (1.0% TO 2.0% ALLOWABLE)



TACTILE STRIP GROOVE DETAIL

2.3" TO 2.4" CENTER TO CENTER SPACING



RAISED TRUNCATED DOME PATTERN (IN-LINE)

N.T.S.

NOTES:

- SEE DWG. 4-51 TO 4-56 FOR RAMP PLACEMENT REQUIREMENTS.
- NO PULL BOX, UTILITY VAULT, UTILITY POLE, MANHOLE, TRAFFIC SIGNAL POLE, OR SIMILAR APPURTENANCE SHALL BE LOCATED WITHIN SIDEWALK RAMP AREA.
- IT IS DESIRABLE TO LOCATE ALL DRAIN INLETS OUT OF SIDEWALK RAMP AREA. USE OF DRAIN INLET WITHIN RAMP AREA REQUIRES SPECIAL DESIGN OF INLETS.
- SLOPE OF LANDING AT TOP OF RAMP TO BE 1.5% (1.0% MIN, 2.0% MAX) TOWARDS RAMP, AND 2.0% MAX IN ALL OTHER DIRECTIONS.

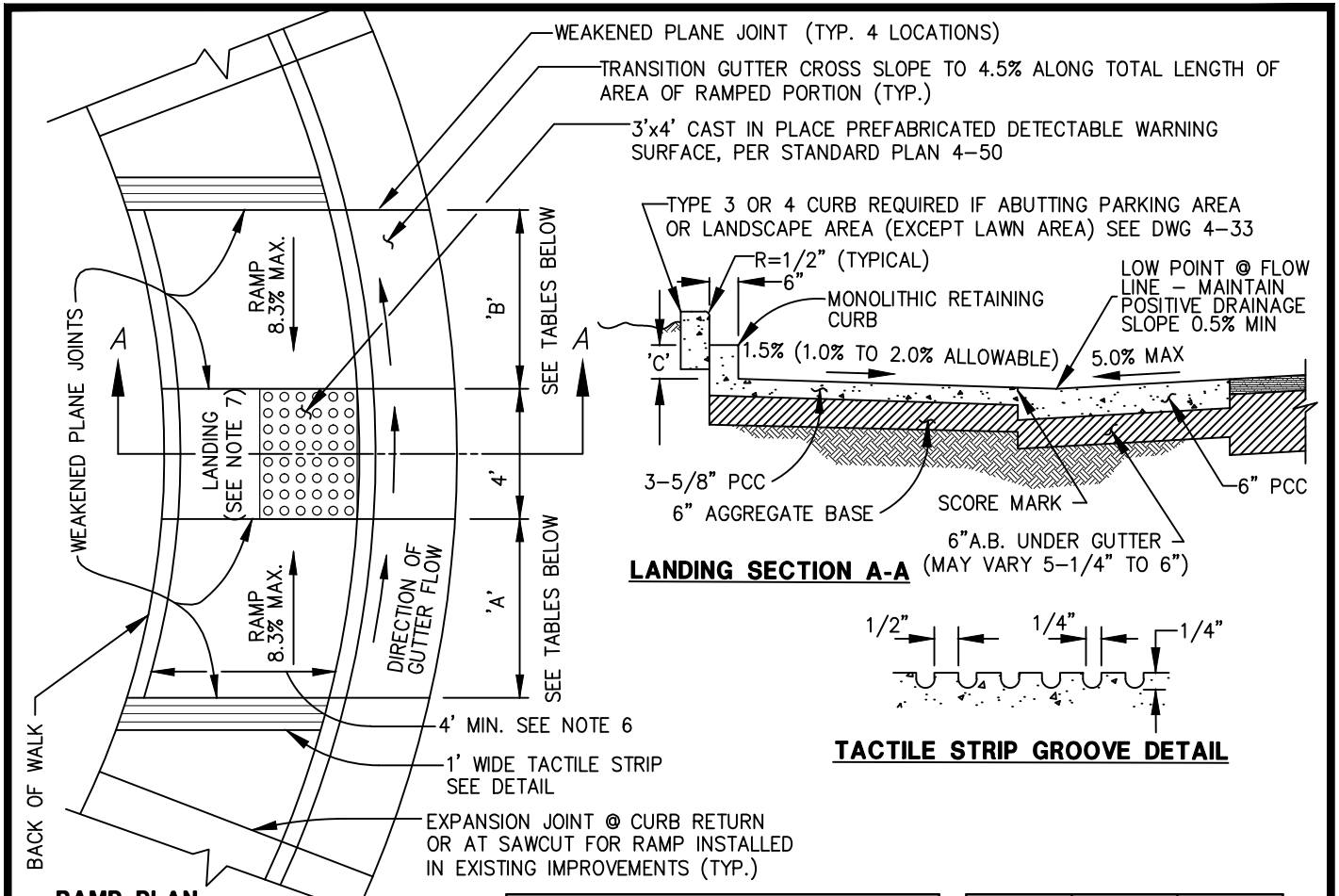
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**SIDEWALK RAMP DETAILS
PLAZA STYLE**

SCALE: NONE
DATE: 09/2024
DRAWN BY: JTW

4-50



RAMP PLAN

TYPE 2 CURB			
SLOPE OF GUTTER		APPROX. RAMP LENGTH	
FROM (%)	TO (%)	A	B
0.5%	1.0%	7'-6"	6'-0"
1.0%	1.5%	8'-0"	6'-0"
1.5%	1.8%	8'-6"	5'-6"
1.8%	2.1%	9'-0"	5'-6"
2.1%	2.7%	10'-0"	5'-0"
2.7%	3.2%	11'-0"	5'-0"
3.2%	3.7%	12'-6"	4'-6"
3.7%	4.1%	14'-0"	4'-6"
4.1%	4.7%	15'-0"	4'-6"
> 4.7%		SEE NOTE #4	

TYPE 1A CURB			
SLOPE OF GUTTER		APPROX. RAMP LENGTH	
FROM (%)	TO (%)	A	B
0.5%	1.0%	4'-6"	4'-0"
1.0%	1.7%	5'-0"	3'-6"
1.7%	2.2%	5'-6"	3'-6"
2.2%	2.7%	6'-0"	3'-0"
2.7%	3.1%	6'-6"	3'-0"
3.1%	3.4%	7'-0"	3'-0"
3.4%	3.7%	7'-6"	3'-0"
3.7%	3.9%	8'-0"	3'-0"
3.9%	4.3%	9'-0"	3'-0"
4.3%	5.0%	10'-0"	2'-6"
5.0%	6.0%	15'-0"	2'-6"
> 6.0%		SEE NOTE #4	

CURB TYPE	TYPE 1A	TYPE 2
DIM 'C' *	3-5/8"	6"

* OR AS NEEDED TO MATCH EXISTING ON SITE IMPROVEMENTS, 8" MAX.

NOTES:

- DIMENSION 'A' IS THE LENGTH OF THE INCLINED PORTION OF THE RAMP THAT SLOPES IN THE SAME DIRECTION AS THE FLOW OF THE GUTTER.
- DIMENSION 'B' IS THE LENGTH OF THE INCLINED PORTION OF THE RAMP THAT SLOPES IN THE OPPOSITE DIRECTION AS THE FLOW OF THE GUTTER.
- RAMPS SHALL HAVE A HEAVY BROOM FINISH TRANSVERSE TO THEIR SLOPE.
- REQUIRES SPECIAL DESIGN APPROVAL BY THE CHIEF OF THE DEPARTMENT OF TRANSPORTATION.
- NO PULL BOX, UTILITY VAULT, UTILITY POLE, TRAFFIC SIGNAL POLE, MANHOLE, OR SIMILAR APPURTENANCE SHALL BE LOCATED WITHIN SIDEWALK RAMP AREA.
- FOR CURB RETURNS WITH 4' SIDEWALK SEE DRAWING 4-54.
- SLOPE OF LANDINGS TO BE 1.5% (1.0% MIN, 2% MAX) TOWARDS CURB, AND 2.0% MAX IN ALL OTHER DIRECTIONS
- SEE STANDARD DRAWING 5-23 FOR DETAILS REGARDING 1-B POLE PLACEMENT AT SIGNALIZED INTERSECTIONS.

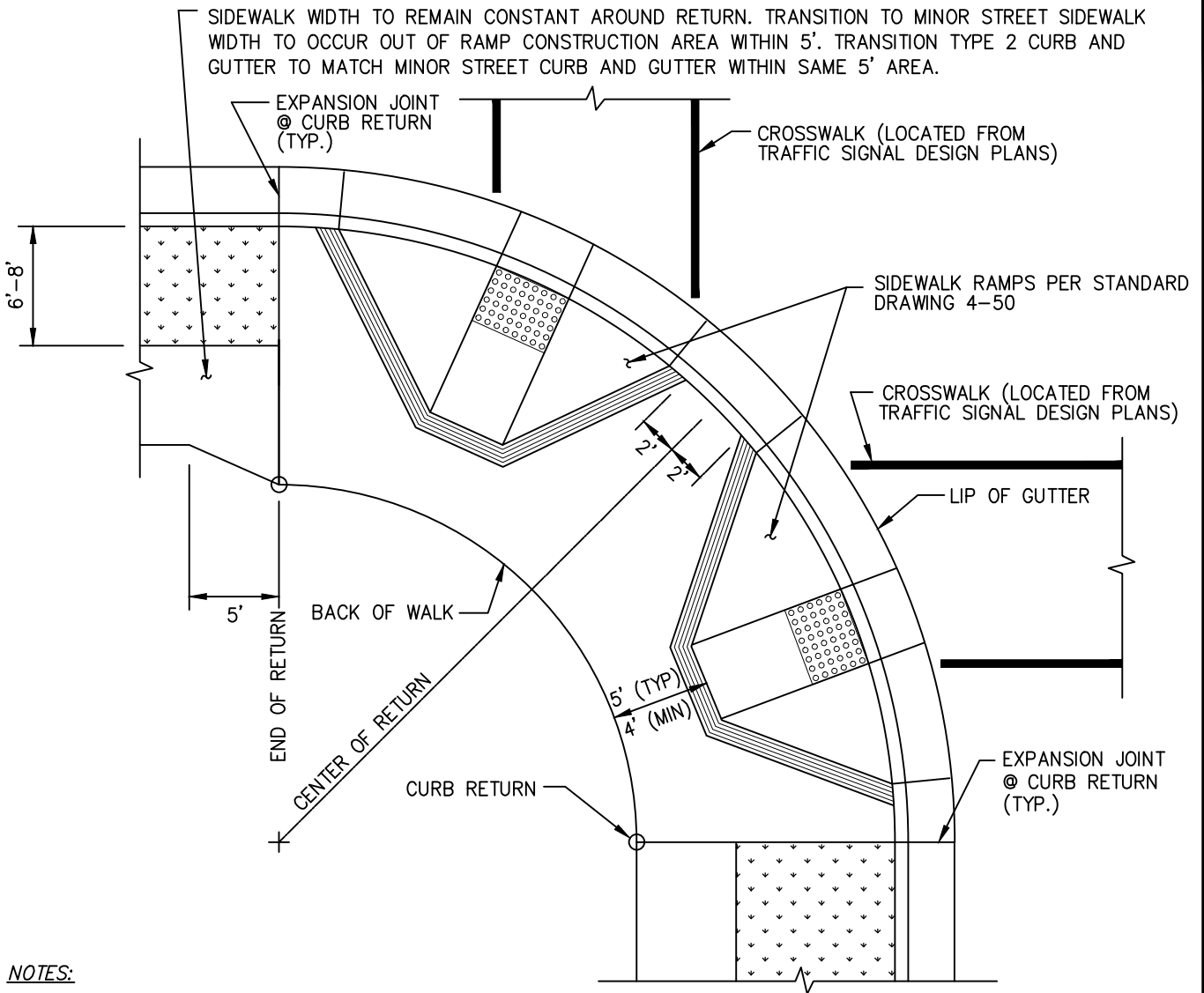
[Signature]
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**SIDEWALK RAMP DETAILS
PARALLEL STYLE**

SCALE: NONE
DATE: 09/2024
DRAWN BY: TRS

4-51

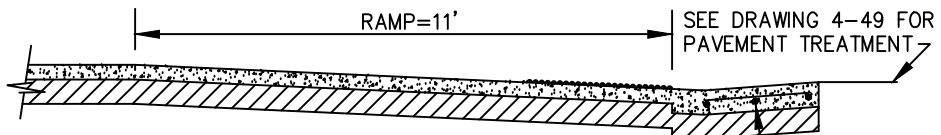


NOTES:

1. AT INTERSECTIONS WITH ARTERIALS AND/OR THOROUGHFARES, THE CORNER RETURNS SHALL HAVE TWO (2) RAMPS AS SHOWN. EXCEPTIONS SEE NOTES 4 & 5.
2. AT INTERSECTIONS WITH NO ARTERIAL OR THOROUGHFARE STREET, SINGLE RAMPS AT THE CENTER OF THE RETURNS MAY BE USED. SEE STANDARD DRAWINGS 4-53, 4-54, 4-56, 4-57.
3. FULL WIDTH OF RAMP SHALL BE LOCATED WITHIN THE EXTENSION OF THE ASSOCIATED CROSSWALK STRIPES, WHERE STRIPED CROSSWALKS EXIST.
4. ON STREETS WITH A CONTINUOUS RAISED MEDIAN ACROSS THE INTERSECTION, A SINGLE SIDEWALK RAMP IS TO BE INSTALLED ON EACH CORNER AT THE CENTER OF RETURN.
5. FOR CORNERS WITH TWO STRIPED CROSSWALKS AND WITH OBSTRUCTIONS THAT PREVENT THE CONSTRUCTION OF TWO STANDARD RAMPS, A SINGLE SIDEWALK RAMP MAY BE INSTALLED CENTERED IN THE TWO CROSSWALKS. THE WIDTH OF RAMP IS TO BE 6'. THE WARNING SURFACE MATERIAL SHALL BE THREE FEET BY SIX FEET. USE OF THIS OPTION REQUIRES PRIOR WRITTEN APPROVAL BY CHIEF OF THE DEPARTMENT OF TRANSPORTATION.


 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
SIDEWALK RAMP PLACEMENT	
MAJOR STREET INTERSECTION	
SCALE: NONE	4-52
DATE: 09/2024	
DRAWN BY: B.R. & TRU P.	



CONSTRUCT CURB EXTENSION AREA AND RAMP PER DRAWING 4-50, AND INCORPORATE DIMENSIONS AND REINFORCEMENT NOTES AS INDICATED ON THIS DRAWING.

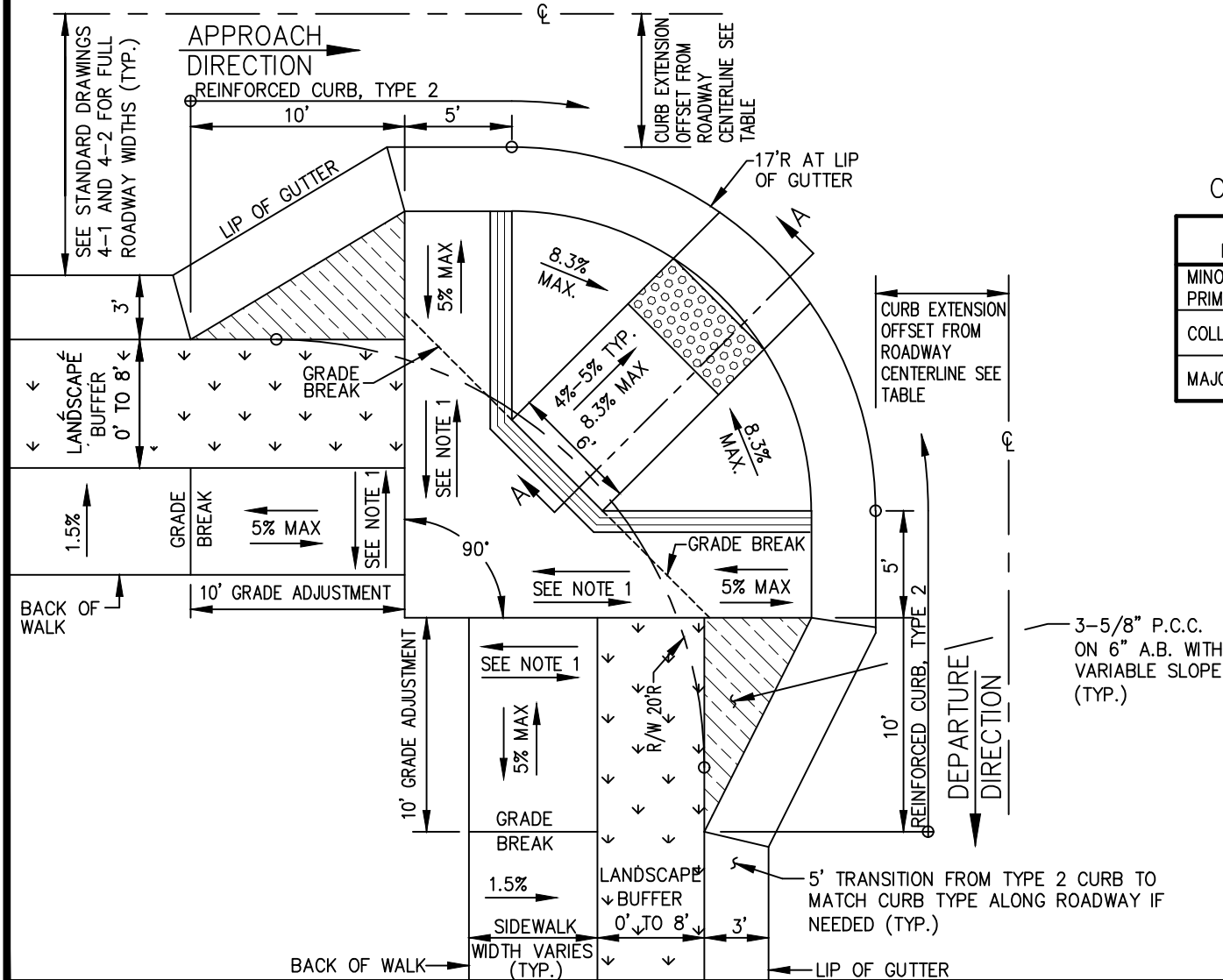
SECTION 'A-A'

NO SCALE

REINFORCE CURB PER TYPE 2 REINFORCED CURB NOTATIONS ON DRAWING 4-30. SEE PLAN VIEW THIS SHEET FOR AREA OF REINFORCEMENT.

PLAZA CONSTRUCTION NOTE

1. GRADE PLAZA AREA BEHIND RAMP AND ASSOCIATED SIDEWALK CONFORMS TO DRAIN. TYPICAL SLOPE IS 1.5% TOWARD STREET. MAXIMUM SLOPE IS 2.0% IN EITHER DIRECTION.



CURB EXTENSION OFFSETS

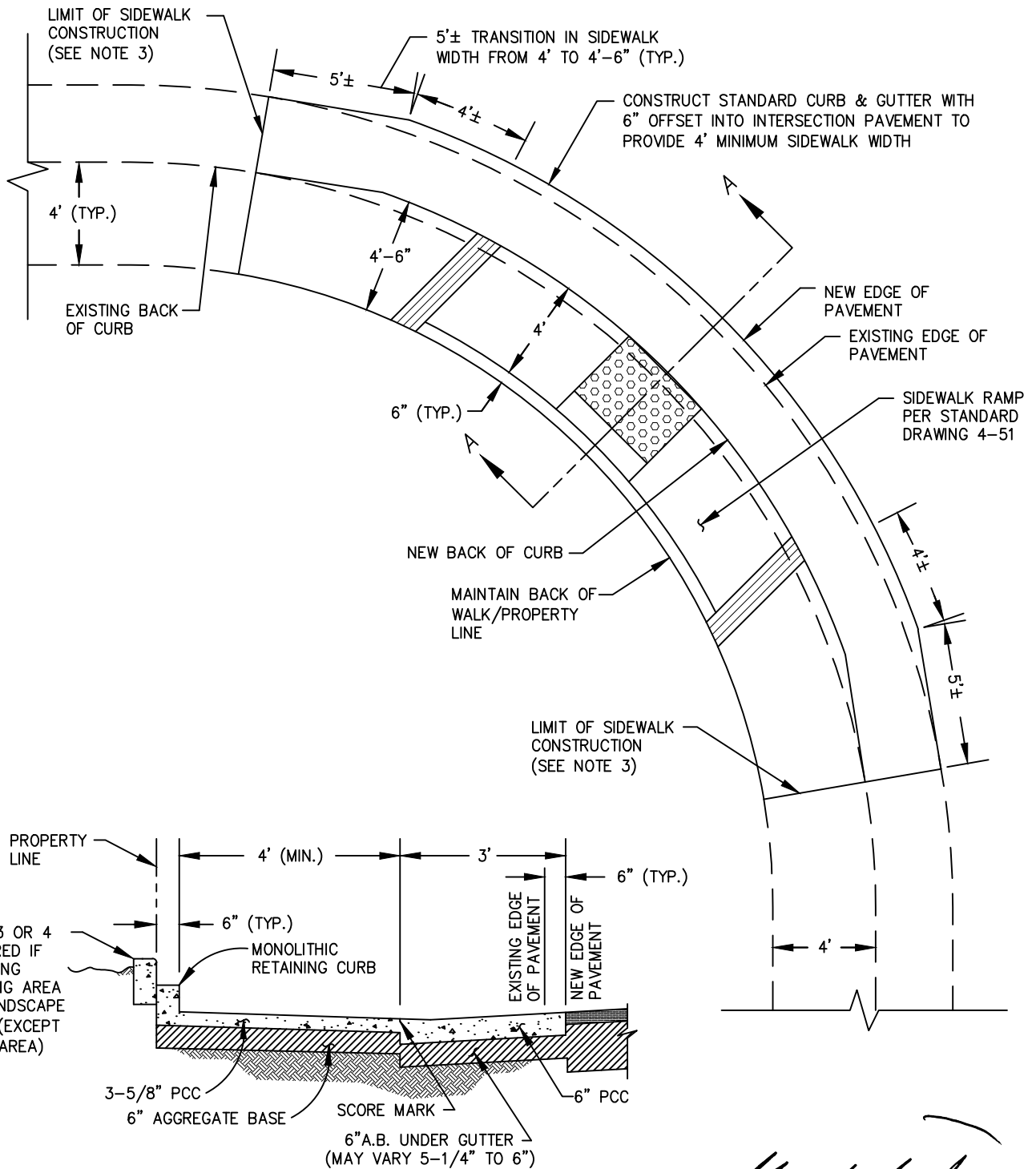
STREET DESIGNATION	APPROACH OFFSET	DEPARTURE OFFSET
MINOR RESIDENTIAL	11'	13'
PRIMARY RESIDENTIAL	11'	13'
COLLECTOR	15'	15'
MAJOR COLLECTOR	22'	22'

[Signature]
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

TYPICAL CURB EXTENSION FOR RESIDENTIAL & COLLECTOR STREETS

SCALE: NONE
DATE: 09/2024
DRAWN BY: G. CORNEJO



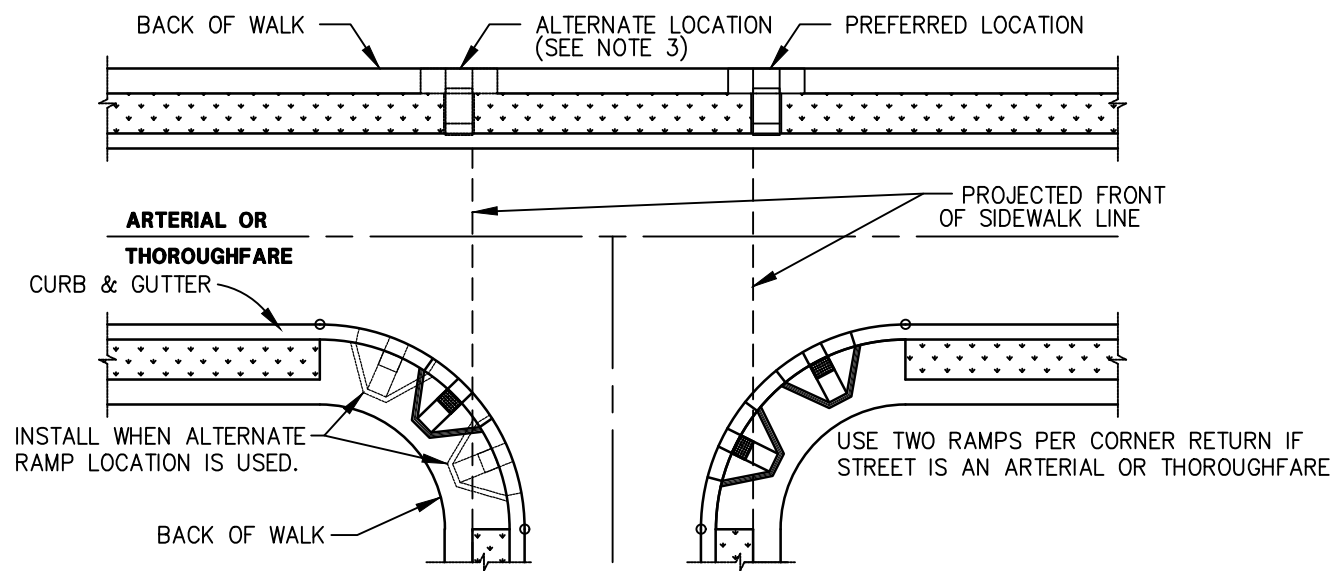
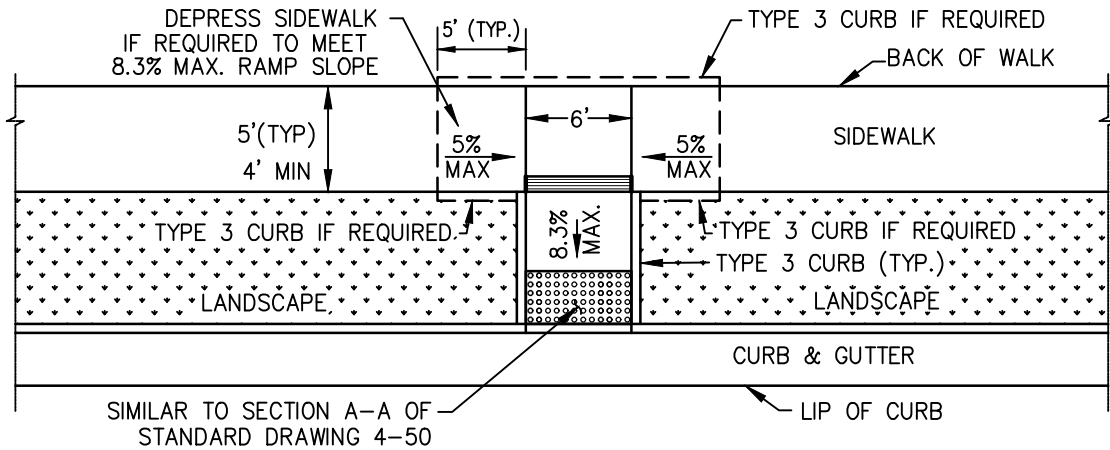
LANDING SECTION A-A

NOTES:

1. RAMP SHALL HAVE A HEAVY BROOM FINISH TRANSVERSE TO THEIR SLOPE.
2. NO PULL BOX, UTILITY VAULT, UTILITY POLE, TRAFFIC SIGNAL POLE, MANHOLE, OR SIMILAR APPURTENANCE SHALL BE LOCATED WITHIN SIDEWALK RAMP AREA.
3. REMOVE AND REPLACE SIDEWALK TO NEAREST JOINT (CONSTRUCTION, EXPANSION, OR WEAKENED PLANE). DOWELL TO EXISTING PER DRAWING 4-32.
4. ASPHALT CONCRETE RECONSTRUCTION ALONG NEW RAMP SHALL CONFORM TO DRAWING 4-49.
5. USE THIS DETAIL WHERE CURB EXTENSION (STANDARD DRAWING 4-53) IS NOT USED WITH PERMISSION OF DIRECTOR OF COUNTY ENGINEERING.

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
SIDEWALK RAMP DETAILS FOR RETROFIT OF EXISTING 4' WIDE SIDEWALKS	
SCALE: NONE	4-54
DATE: 09/2024	
DRAWN BY: B.R.	

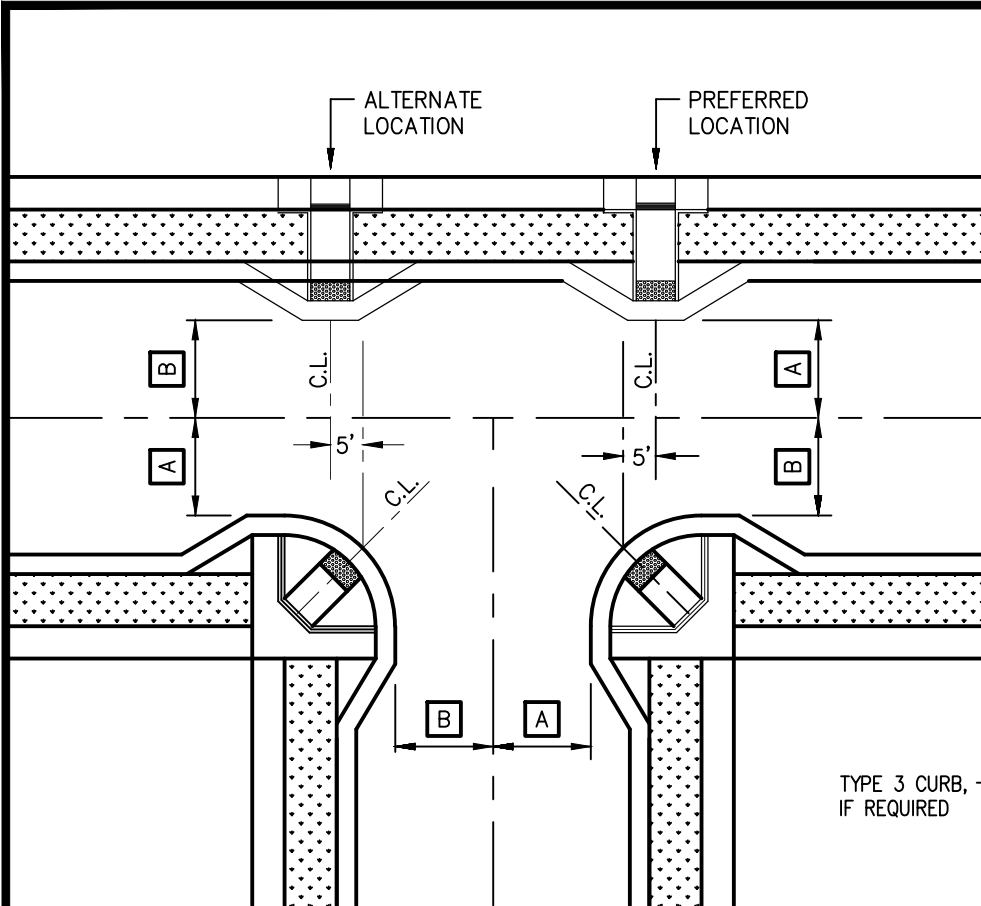



 CHIEF, DEPT. OF TRANSPORTATION

NOTES:

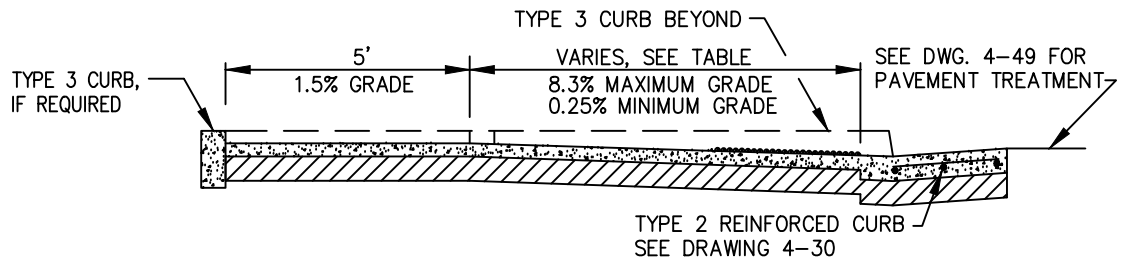
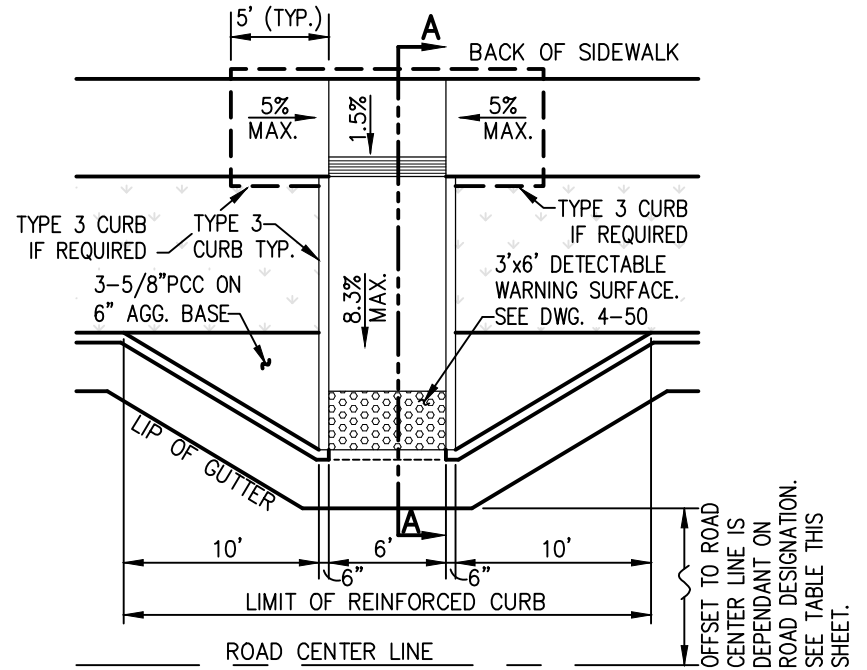
1. MARKED CROSSWALKS SHALL HAVE RAMPS AT BOTH ENDS WITH THE RAMP TERMINATING WITHIN THE MARKED CROSSWALK.
2. AT "T" INTERSECTIONS WITH UNMARKED CROSSWALKS ONLY 1 RAMP (REFERRED TO AS THE "T-RAMP") IS REQUIRED AT THE TOP OF THE "T" INTERSECTION.
3. AT "T" INTERSECTIONS ADJACENT TO SCHOOLS TWO RAMPS ARE REQUIRED AT TOP OF THE "T" WHETHER THE CROSSWALK IS MARKED OR UNMARKED
4. WHEN CROSSWALK IS UNMARKED, THE T-RAMP SHOULD BE LOCATED IN LINE WITH THE EXTENSION OF THE SIDEWALK FROM ACROSS THE STREET.
5. THIS DETAIL SHALL BE USED IN LOCATIONS WHERE NO CURB EXTENSION EXISTS.

COUNTY OF SACRAMENTO	
SIDEWALK RAMPS AT "T" INTERSECTIONS FOR ARTERIAL STREETS & THOROUGHFARE STREETS	
SCALE: NONE	4-55
DATE: 09/2024	
DRAWN BY: TRU P. & B.R.	



STREET DESIGNATION	APPROACH OFFSET	DEPARTURE OFFSET
MAJOR COLLECTOR	22'	22'
COLLECTOR	15'	15'
MINOR RESIDENTIAL AND PRIMARY RESIDENTIAL	11'	13'

SEE DWG. 4-53 FOR TYPICAL CORNER EXTENSION DESIGN.



SECTION 'A-A'
NO SCALE

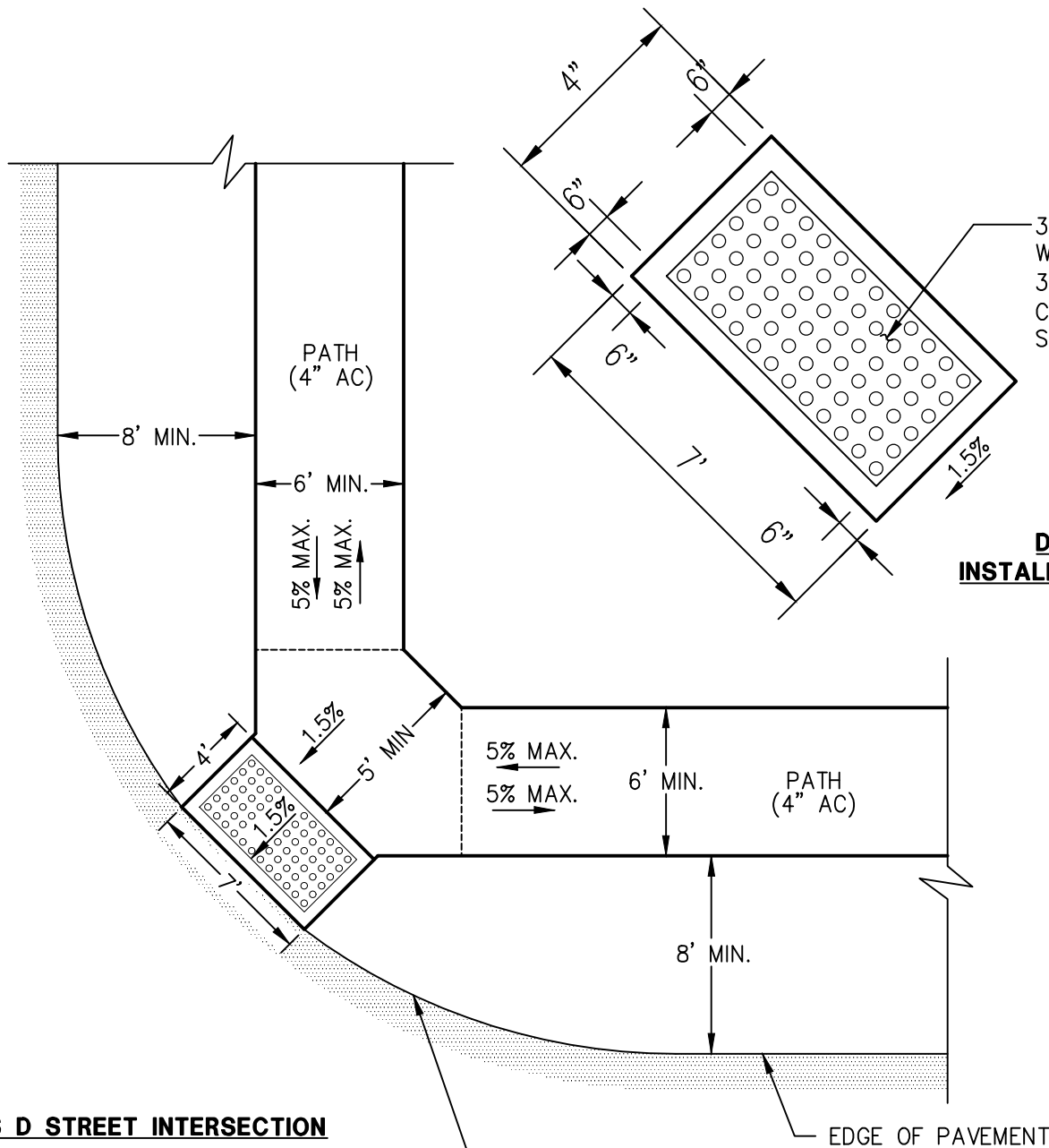
COUNTY OF SACRAMENTO

**SIDEWALK RAMPS AT
"T" INTERSECTIONS FOR
RESIDENTIAL STREETS &
COLLECTOR STREETS**

SCALE: NONE
DATE: 09/2024
DRAWN BY: G. CORNEJO

4-56

[Signature]
CHIEF, DEPT. OF TRANSPORTATION



3'x6' CAST IN PLACE DETECTABLE WARNING SURFACE; INSTALL IN 3-5/8" PCC ON 6" AGG. BASE, COMPACTED TO 95%, WITH 6" PCC; SLOPE AT 1.5% TOWARDS ROADWAY.

**DETECTABLE WARNING SURFACE
INSTALLATION DETAIL AT AC PED LANDINGS**

CLASS D STREET INTERSECTION

R=25' MIN.;
R=35' MIN. AT ARTERIAL
OR THOROUGHFARES

EDGE OF PAVEMENT

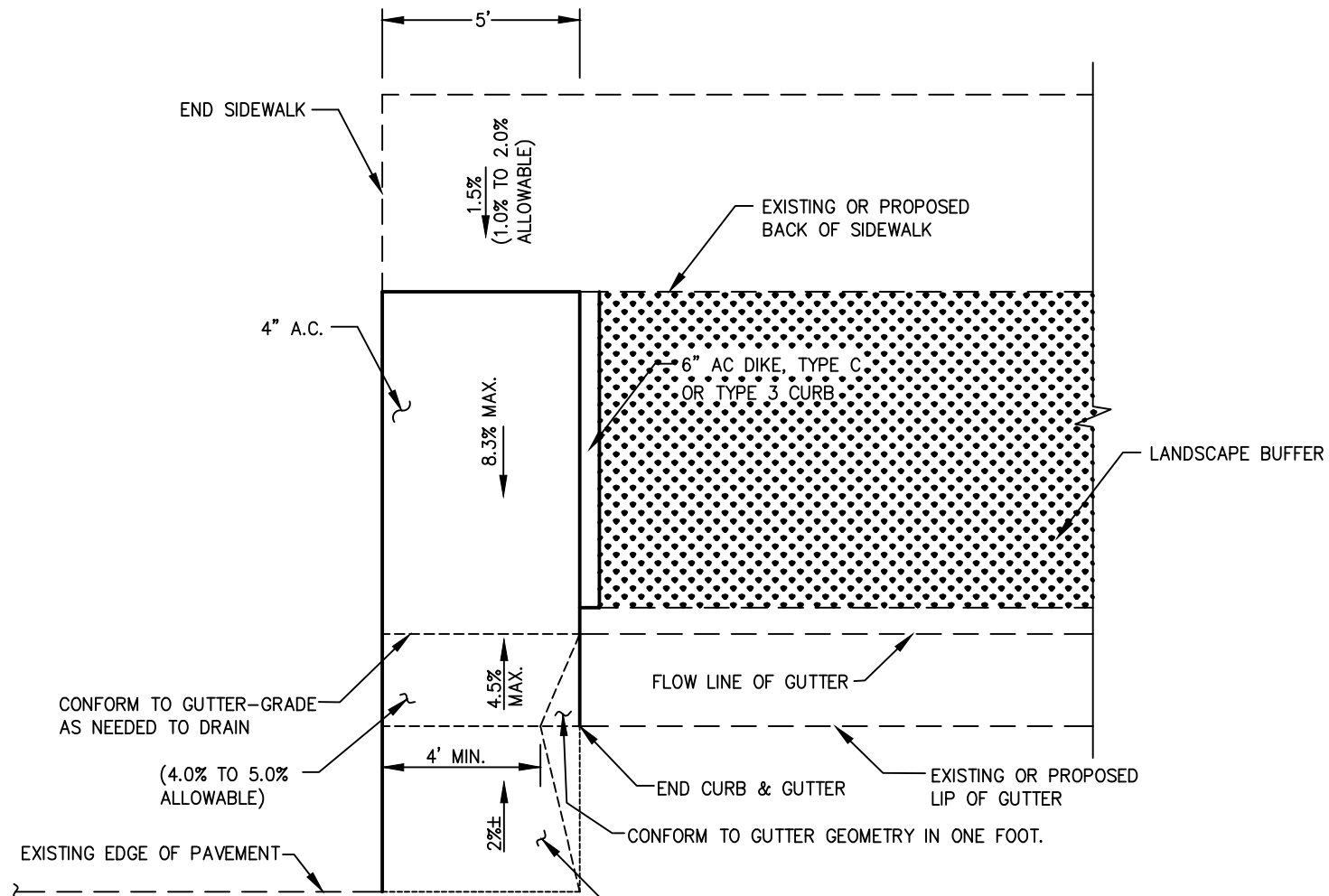
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**PEDESTRIAN LANDINGS
AT CLASS D STREETS**

SCALE: NONE
DATE: 09/2024
DRAWN BY: J.S.

4-57



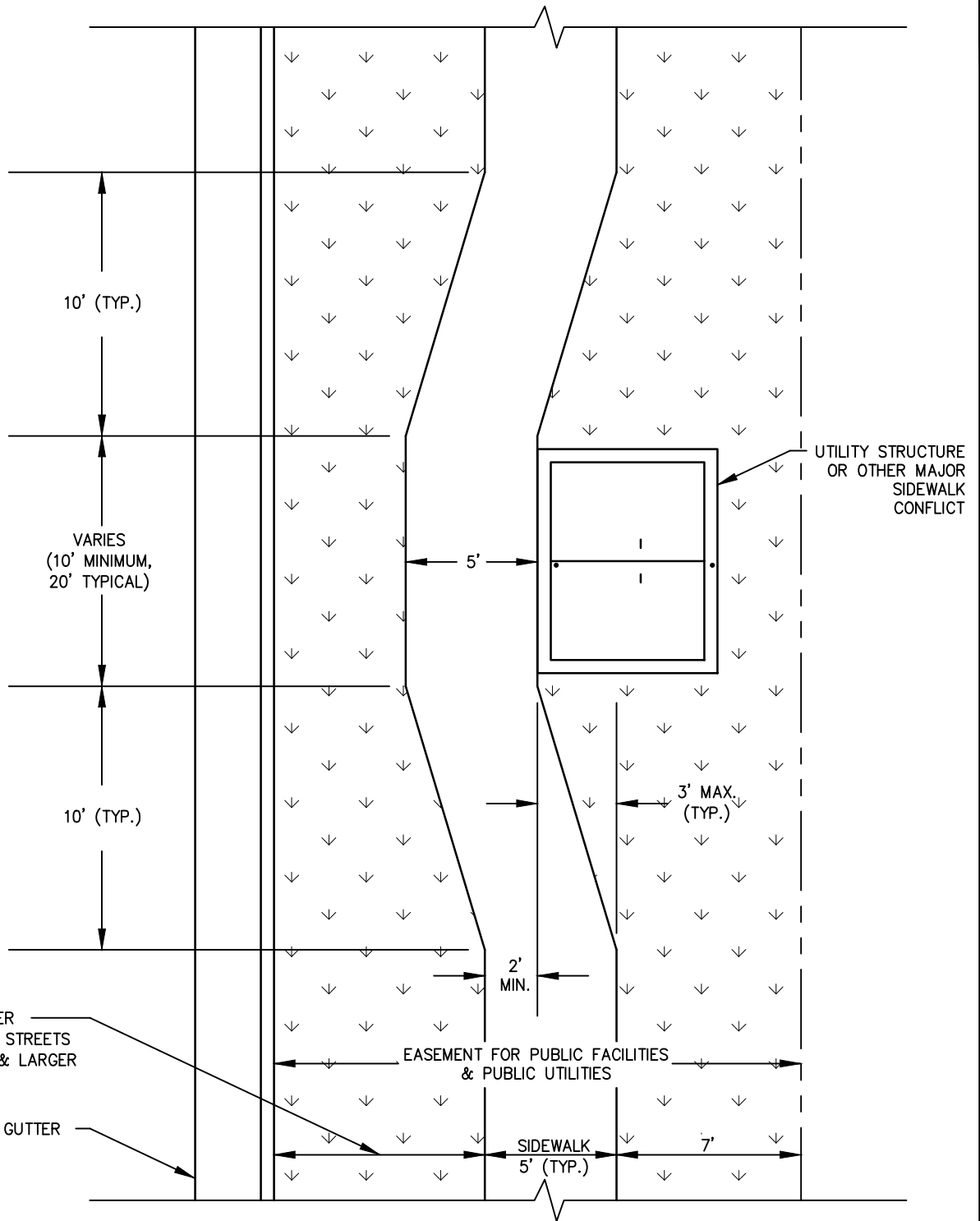
NOTE: A SIDEWALK BARRICADE SHALL BE REQUIRED IF THE END OF THE A.C. SIDEWALK CONFORM ABUTS A DRAINAGE DITCH OR ANY OTHER SURFACE THAT WOULD POSE A HAZARD TO PEDESTRIANS.

SEE DWG. 4-62 FOR ROADSIDE NARROWING STANDARDS

CONSTRUCT PORTION OF AC SIDEWALK CONFORM BEYOND EXTENSION OF LIP OF GUTTER TO ROADWAY STANDARDS IF CONSTRUCTED WITH ROADWAY WIDENING.

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
SIDEWALK CONFORM END OF SEPARATED SIDEWALK	
SCALE: NONE	4-59
DATE: 09/2024	
DRAWN BY: B.R. & TRU P.	



NOTES:

1. THIS DETAIL IS TO BE USED TO RESOLVE CONFLICTS BETWEEN SEPARATED SIDEWALKS AND UTILITY STRUCTURES (OR OTHER MAJOR CONFLICTS).
2. WHERE REASONABLY POSSIBLE, LOCATE UTILITY FACILITIES OUTSIDE OF SIDEWALK AREA OR WITHIN SIDEWALK AT SIDEWALK GRADE TO MINIMIZE USE OF THIS DETAIL.
3. INSTALL EXPANSION JOINTS ACROSS FULL WIDTH OF SIDEWALK ON BOTH SIDES OF THE UTILITY STRUCTURE (OR OTHER MAJOR CONFLICTING FACILITY).

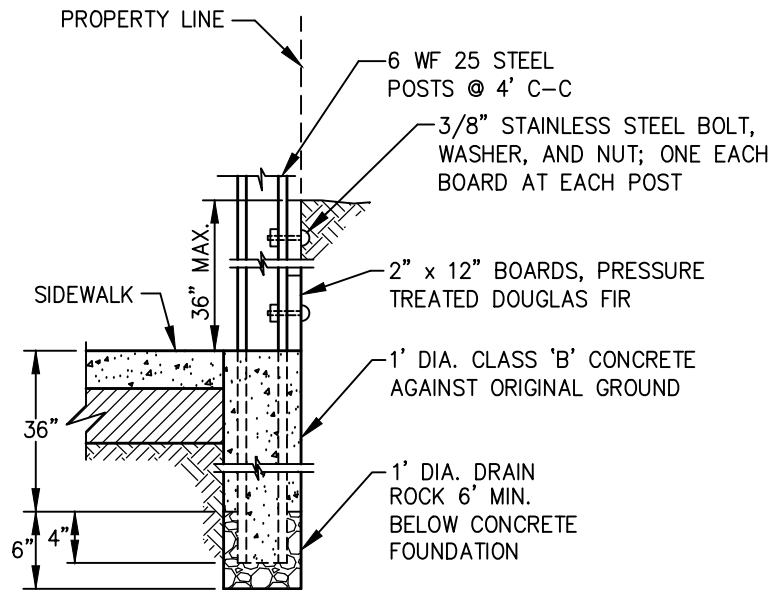
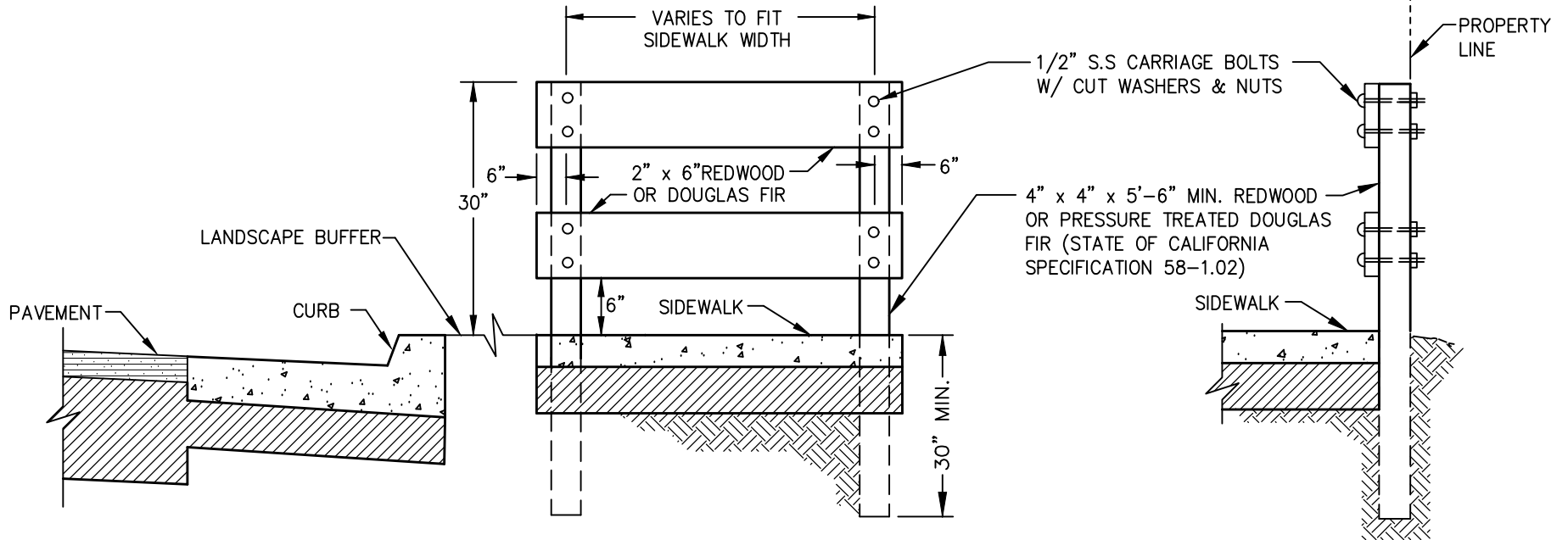
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

SIDEWALK FLARE AT UTILITY STRUCTURE OR OTHER MAJOR CONFLICT

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: B.R.

4-60



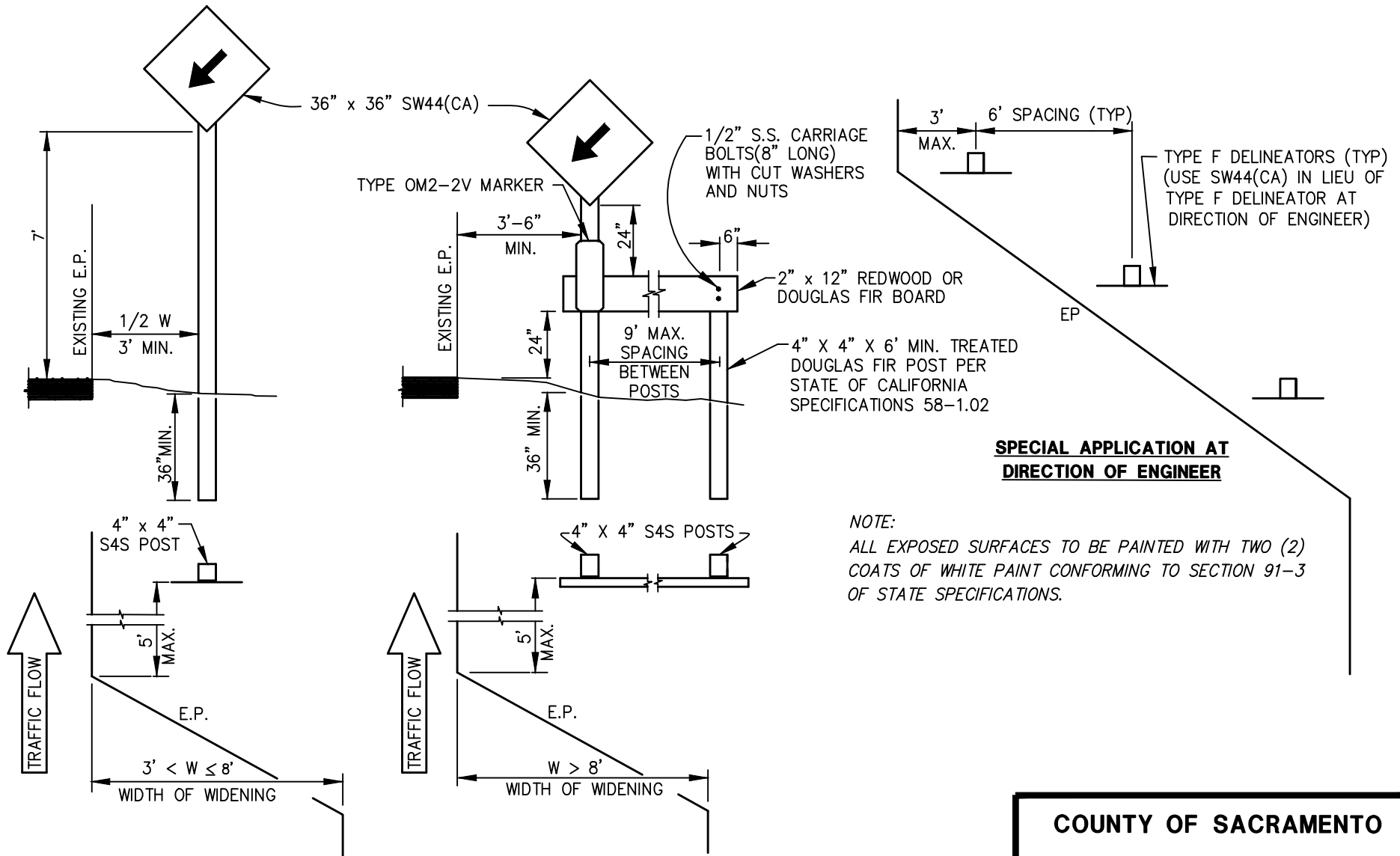
**DETAIL FOR SIDEWALK BARRICADE
WITH RETAINING WALL**

NOTES:

1. SIDEWALK BARRICADES TO BE ERECTED AT EACH LOCATION WHERE SATISFACTORY PROVISION CAN NOT BE MADE FOR PEDESTRIAN TO CONTINUE BEYOND THE TERMINUS OF A SIDEWALK AND A HAZARD IS PRESENT.
2. ALL EXPOSED SURFACES TO BE PAINTED WITH TWO (2) COATS OF WHITE PAINT CONFORMING TO SECTION 91-3 OF STATE SPECIFICATIONS.

[Signature]
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
SIDEWALK BARRICADE	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P.	4-61

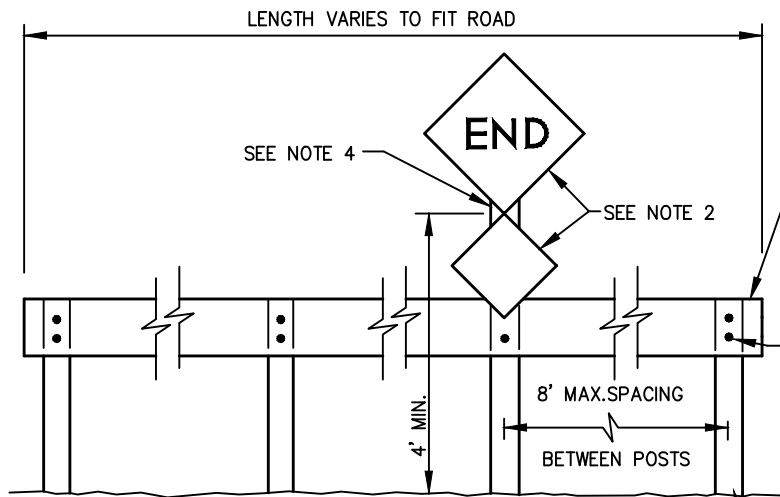


**SPECIAL APPLICATION AT
DIRECTION OF ENGINEER**

*NOTE:
ALL EXPOSED SURFACES TO BE PAINTED WITH TWO (2)
COATS OF WHITE PAINT CONFORMING TO SECTION 91-3
OF STATE SPECIFICATIONS.*

[Signature]
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
SIGNING OF LOCATIONS WITH ABRUPT CHANGE OF PAVEMENT WIDTH	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P.	4-62

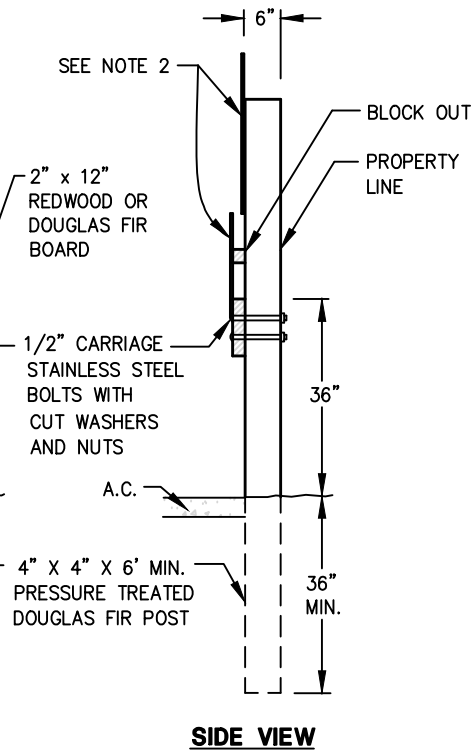


NUMBER AND SIZE OF SIGNS

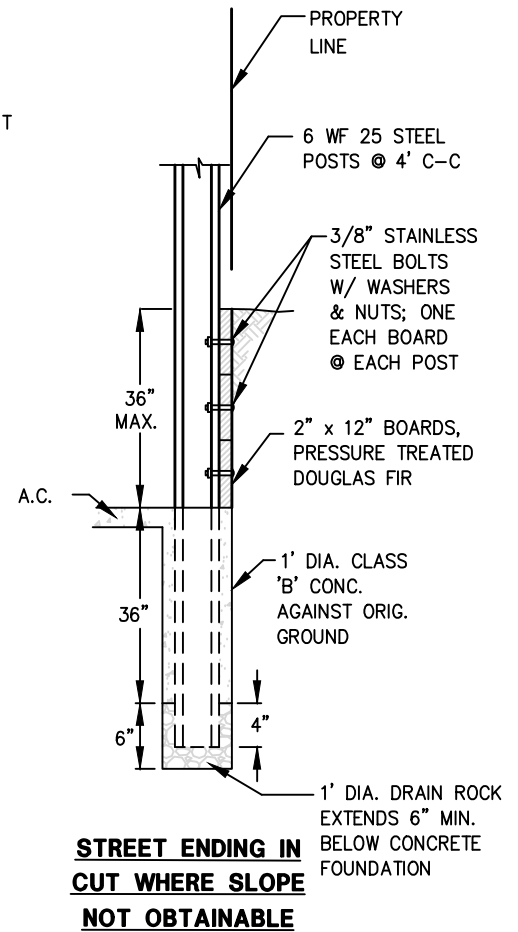
PAVEMENT WIDTH	W31(CA)		OM4-3		R11-2	
	SIZE	NO.	SIZE	NO.	SIZE	NO.
26'	30"	1	18"	1	36" x 24"	1
36' - 56'	30"	1	18"	1	36" x 24"	1
66'	30"	2	18"	2	48" x 30"	1
90' - 110'	30"	3	18"	3	48" x 30"	1

NOTES:

1. WHERE PERMISSION HAS BEEN GRANTED TO CLOSE AN EXISTING PUBLIC STREET, A R11-2 "ROAD CLOSED" SIGN MAY BE REQUIRED ON THE CENTERLINE OF THE ROAD IN ADDITION TO THE W31(CA) "END" SIGN.
2. 30" x 30" W31(CA) SIGN AND 18" x 18" OM4-3 MARKER. BLOCK OUT AS NECESSARY FOR OM4-3 MARKER TOP MOUNTING BOLT (BOTTOM MOUNTING BOLT NORMALLY THROUGH BARRIER RAIL). OM4-3 MARKER TO HAVE SOLID RED REFLECTIVE BACKGROUND WITHOUT ADDED REFLECTORS.
3. ALL EXPOSED SURFACES OF BARRICADE SHALL BE PAINTED WITH WHITE PAINT CONFORMING TO STATE STANDARD SPECIFICATION 91-3.
4. POST AT CENTER OR NEAREST TO CENTER ON RIGHT HAND SIDE TO BE EXTENDED TO PROVIDE MOUNTING FOR SIGNS.
5. POSTS SHALL BE PRESSURE TREATED PER STATE SPECIFICATION 58-1.02



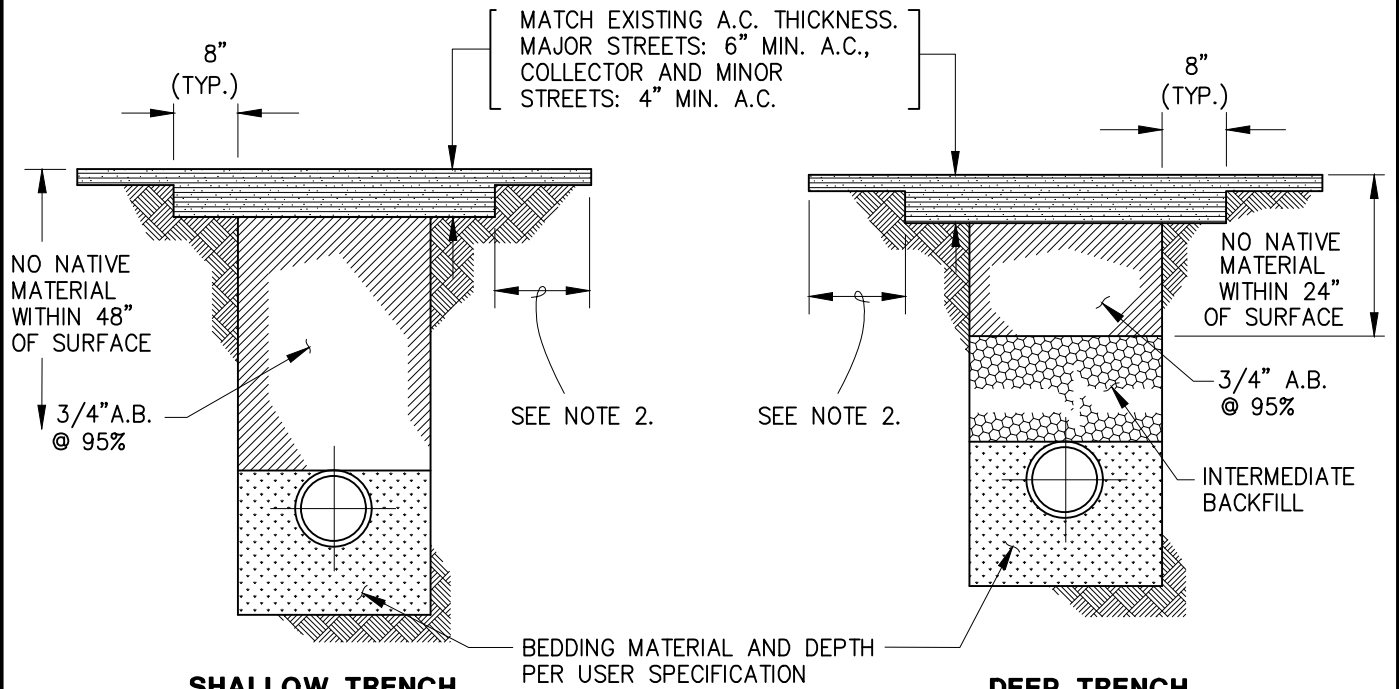
SIDE VIEW



STREET ENDING IN CUT WHERE SLOPE NOT OBTAINABLE

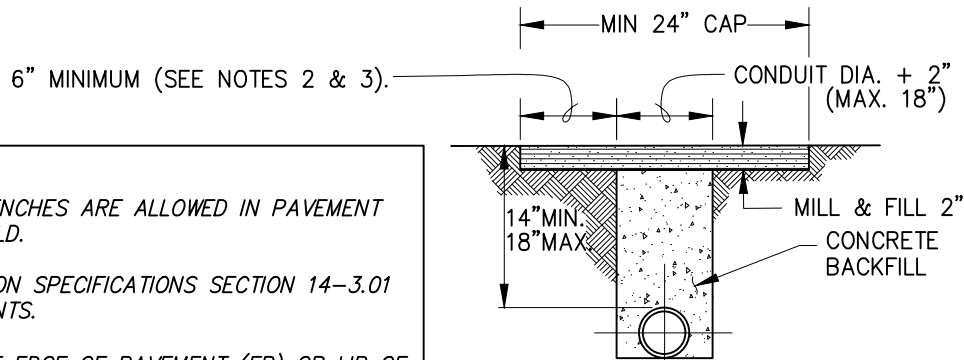
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
STREET CLOSURE BARRICADE	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRU P. & B.R.	4-63



SHALLOW TRENCH
IN EXISTING PAVEMENT
(LESS THAN 4' COVER)

DEEP TRENCH
IN EXISTING PAVED AREAS
AND OTHER TRENCHING
(4' OR MORE COVER)

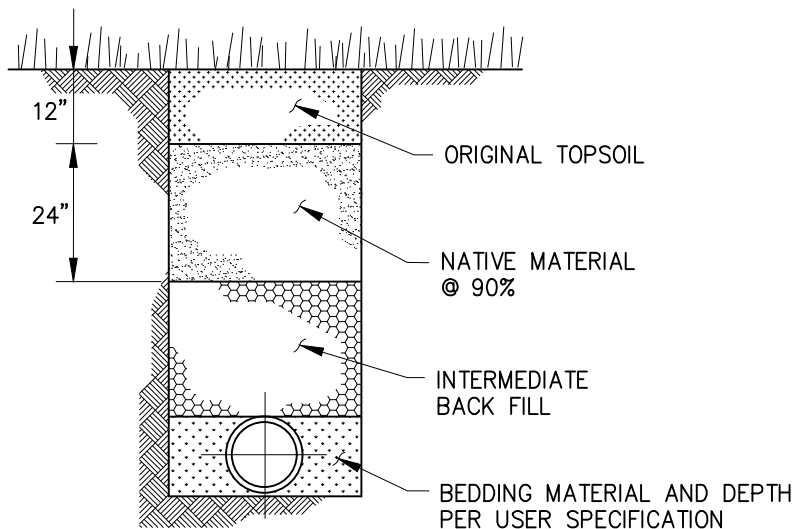


EARTH SAW TRENCH SECTION

(SEE SECTION 49-2.02.A)

NOTES:

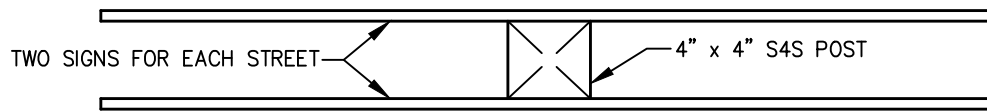
1. NO PAVEMENT CUTS OR TRENCHES ARE ALLOWED IN PAVEMENT LESS THAN THREE YEARS OLD.
2. SEE STANDARD CONSTRUCTION SPECIFICATIONS SECTION 14-3.01 FOR ADDITIONAL REQUIREMENTS.
3. IF TRENCH IS WITHIN 20" OF EDGE OF PAVEMENT (EP) OR LIP OF GUTTER, MILL AND FILL SHALL BE EXTENDED TO THE EP.



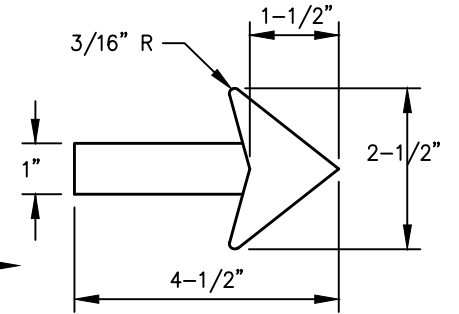
HORTICULTURE, LAWN, OR CULTIVATED AREAS

[Signature]
CHIEF, DEPT. OF TRANSPORTATION

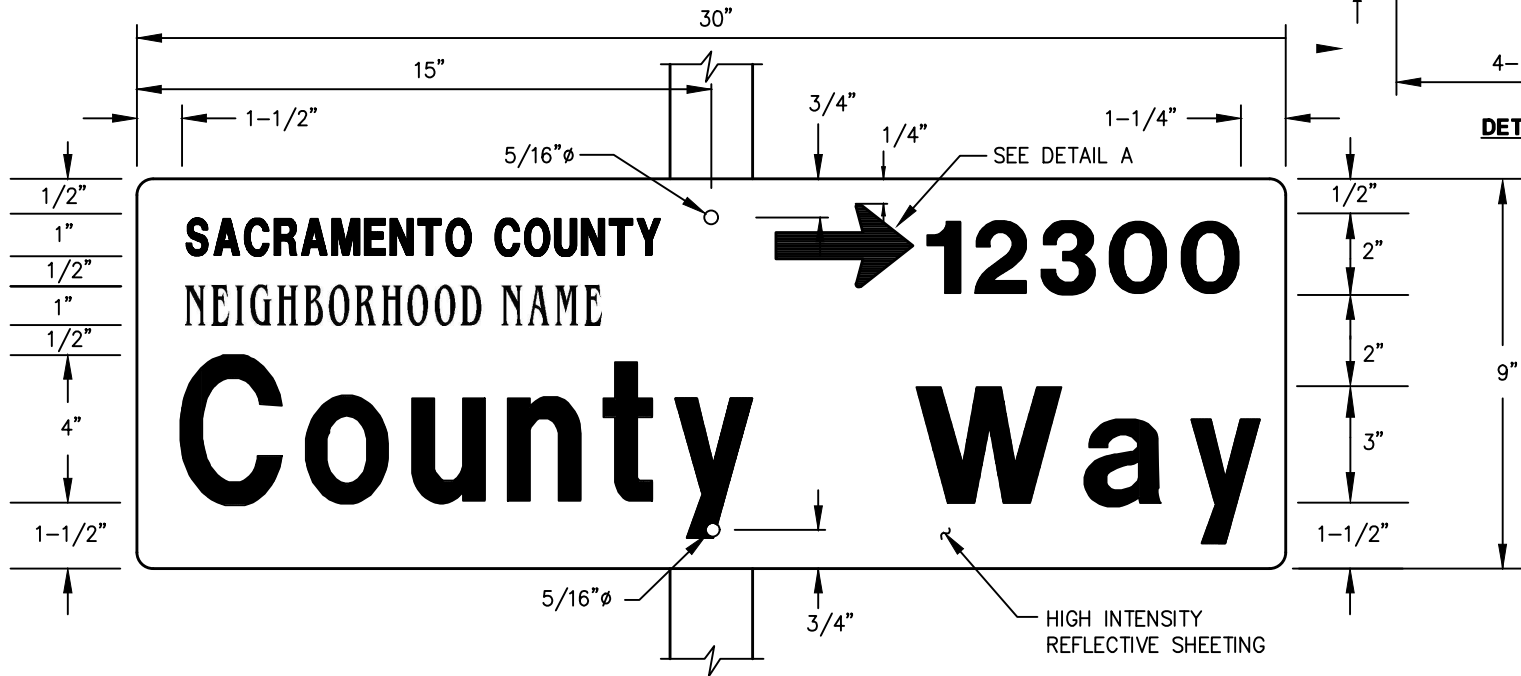
COUNTY OF SACRAMENTO	
TRENCH SECTIONS	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRS	4-64



TOP VIEW



DETAIL A



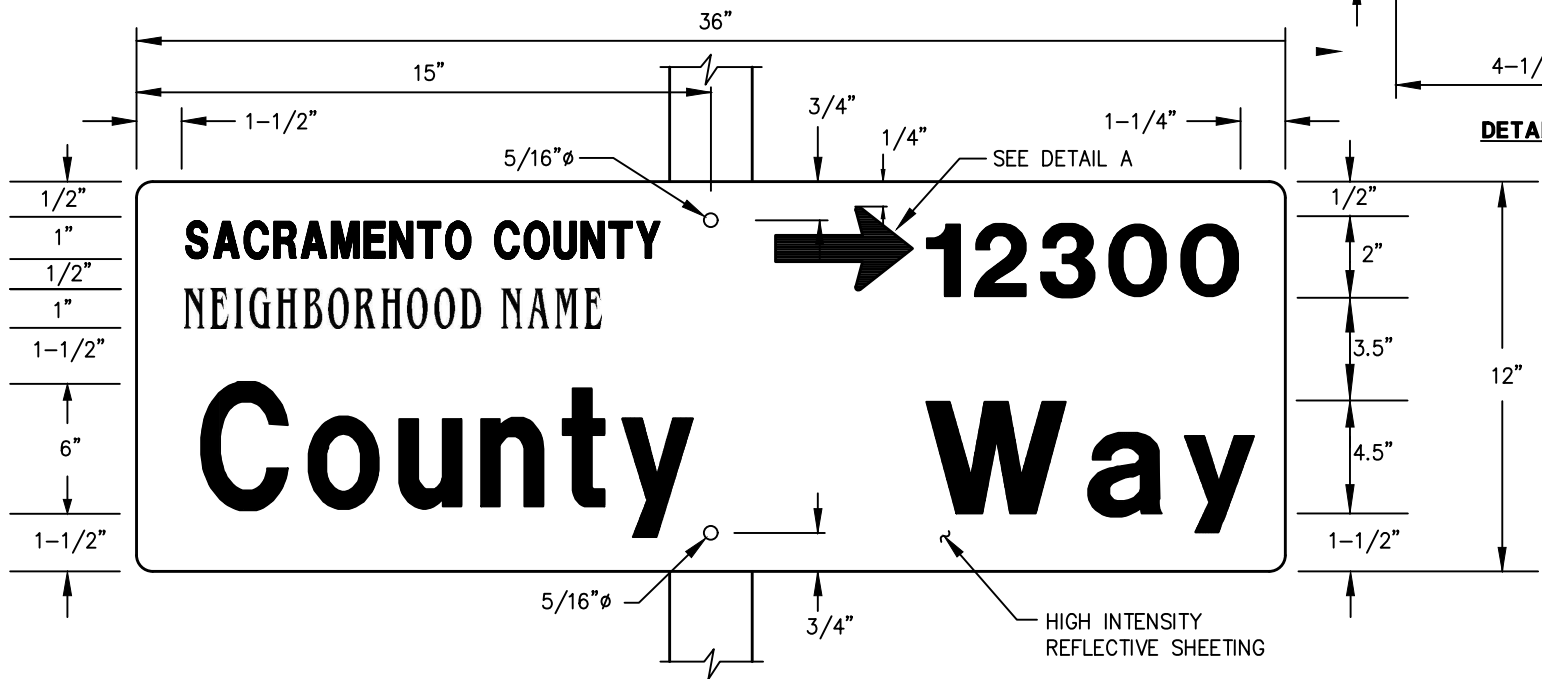
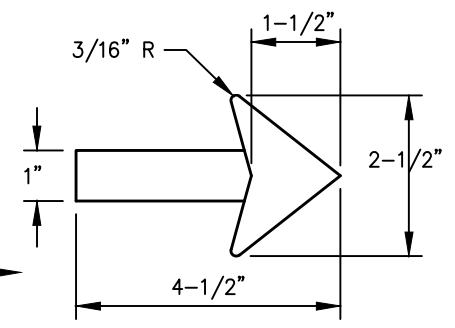
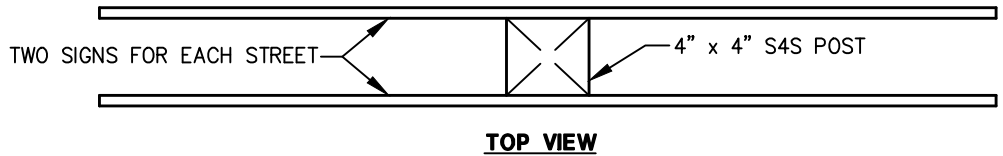
NOTES:

1. ALUMINUM SHEET ALLOY 6061-T6 0.080" GAUGE ROUNDED CORNERS 1/4" RADIUS.
2. FOR TWO (2) STREETS, PLACE SECOND PAIR OF SIGNS AT 90° TO SIGNS AS SHOWN.
3. POSTS SHALL BE REDWOOD OR TREATED DOUGLAS FIR (STATE OF CALIFORNIA SPEC. NO. 56-2.02B).
4. FONTS FOR LETTERING AND NUMBERS SHALL BE "HIGHWAY EM" EXCEPT FOR THE NEIGHBORHOOD NAME WHICH SHALL BE "BENGEL MD".
5. USE "NEIGHBORHOOD NAME" WHERE NEIGHBORHOOD DESIGNATION EXISTS. CONFIRM APPROPRIATE NEIGHBORHOOD NAME WITH DEPARTMENT OF TRANSPORTATION PRIOR TO SIGN FABRICATION.
6. UPPER AND LOWER CASE, HIP WHITE BACKGROUND WITH EC BLACK LETTERS.
7. STREET NAME SIGNS TO BE INSTALLED AT SIGNALIZED INTERSECTIONS SHALL BE DOUBLE SIDED SIGNS INSTALLED WITH A 24-INCH CANTILEVER WING BRACKET (MDSOLUTIONS, INC. MODEL #240EWB000 OR APPROVED EQUAL) AND ONE SIGN PLACED ON EACH CORNER MOUNTED WITH SS BANDING.

SIGN DETAILS FOR SINGLE STREET


 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
URBAN ROADS 25 MPH OR LESS	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRS	4-70A



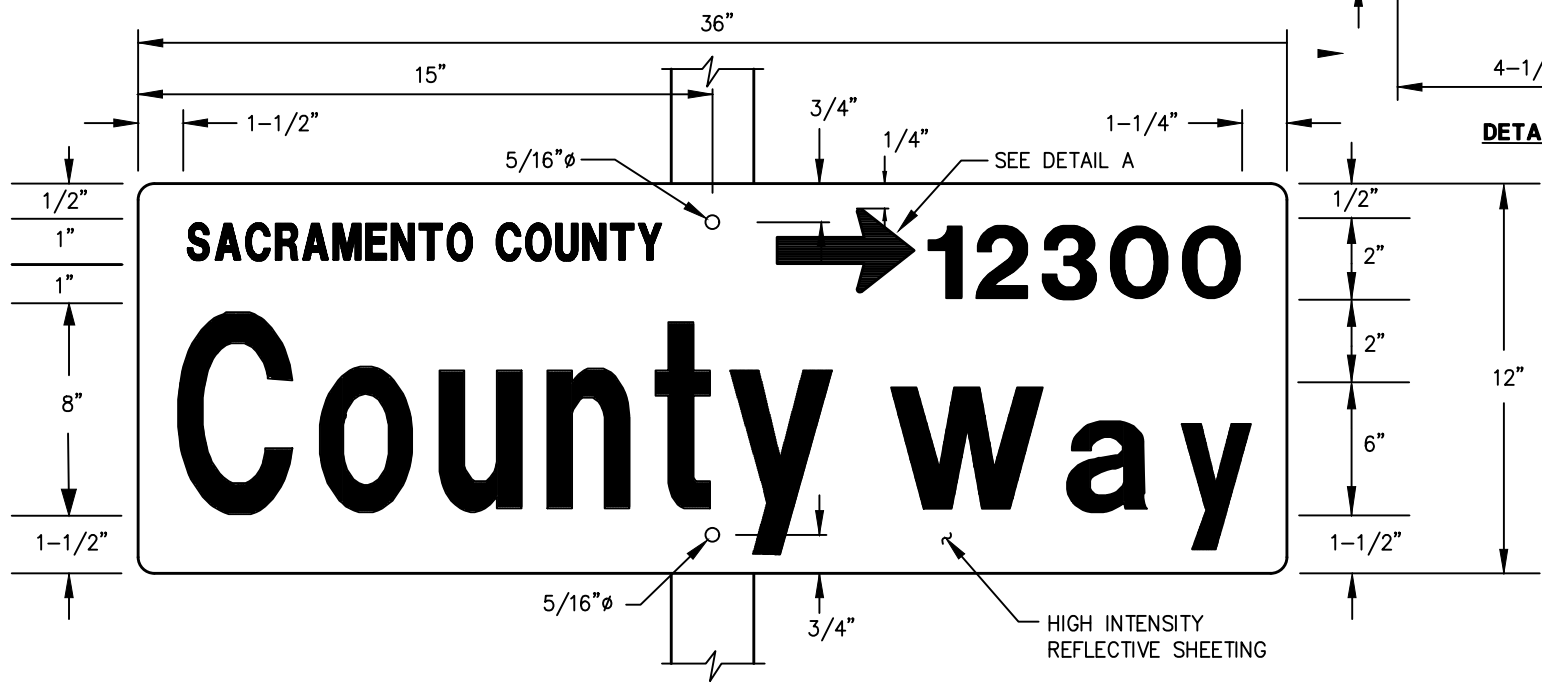
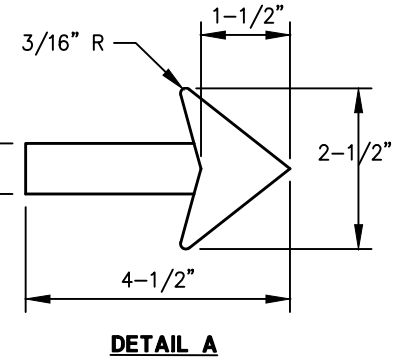
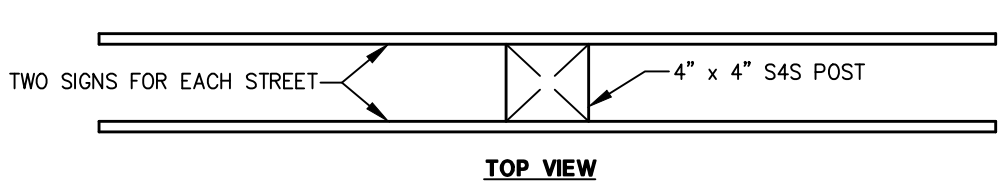
SIGN DETAILS FOR SINGLE STREET

NOTES:

1. ALUMINUM SHEET ALLOY 6061-T6 0.080" GAUGE ROUNDED CORNERS 1/4" RADIUS.
2. FOR TWO (2) STREETS, PLACE SECOND PAIR OF SIGNS AT 90° TO SIGNS AS SHOWN.
3. POSTS SHALL BE REDWOOD OR TREATED DOUGLAS FIR (STATE OF CALIFORNIA SPEC. NO. 56-2.02B).
4. FONTS FOR LETTERING AND NUMBERS SHALL BE "HIGHWAY EM" EXCEPT FOR THE NEIGHBORHOOD NAME WHICH SHALL BE "BENGEL MD".
5. USE "NEIGHBORHOOD NAME" WHERE NEIGHBORHOOD DESIGNATION EXISTS. CONFIRM APPROPRIATE NEIGHBORHOOD NAME WITH DEPARTMENT OF TRANSPORTATION PRIOR TO SIGN FABRICATION.
6. UPPER AND LOWER CASE, HIP WHITE BACKGROUND WITH EC BLACK LETTERS.
7. STREET NAME SIGNS TO BE INSTALLED AT SIGNALIZED INTERSECTIONS SHALL BE DOUBLE SIDED SIGNS INSTALLED WITH A 24-INCH CANTILEVER WING BRACKET (MDSOLUTIONS, INC. MODEL #240EWB000 OR APPROVED EQUAL) AND ONE SIGN PLACED ON EACH CORNER MOUNTED WITH SS BANDING.

CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
ALL RURAL ROADS AND URBAN ROADS 30 MPH AND GREATER	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRS	4-70B



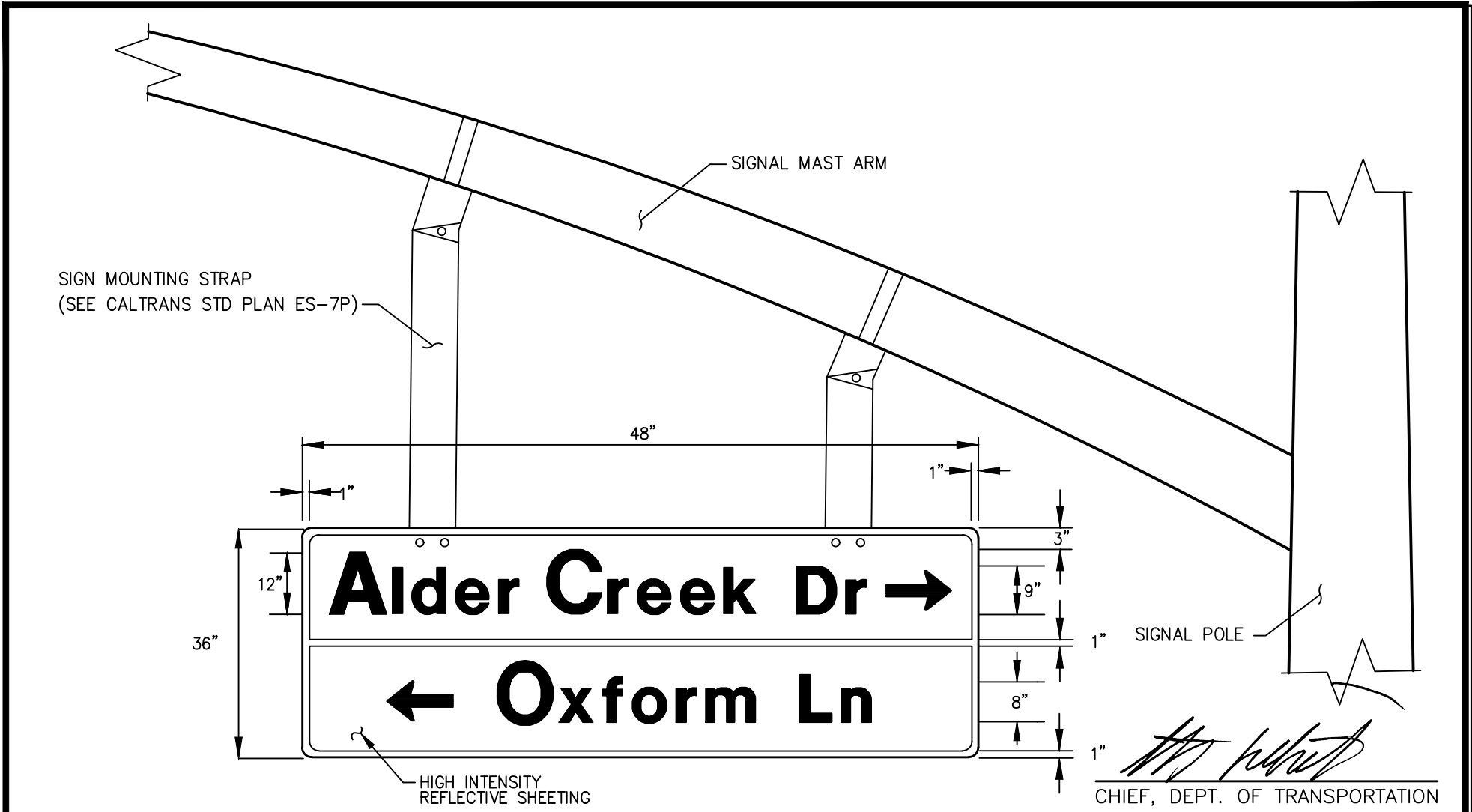
SIGN DETAILS FOR SINGLE STREET

NOTES:

1. ALUMINUM SHEET ALLOY 6061-T6 0.080" GAUGE ROUNDED CORNERS 1/4" RADIUS.
2. FOR TWO (2) STREETS, PLACE SECOND PAIR OF SIGNS AT 90° TO SIGNS AS SHOWN.
3. POSTS SHALL BE REDWOOD OR TREATED DOUGLAS FIR (STATE OF CALIFORNIA SPEC. NO. 56-2.02B).
4. FONTS FOR LETTERING AND NUMBERS SHALL BE "HIGHWAY EM" EXCEPT FOR THE NEIGHBORHOOD NAME WHICH SHALL BE "BENGEL MD".
5. USE "NEIGHBORHOOD NAME" WHERE NEIGHBORHOOD DESIGNATION EXISTS. CONFIRM APPROPRIATE NEIGHBORHOOD NAME WITH DEPARTMENT OF TRANSPORTATION PRIOR TO SIGN FABRICATION.
6. UPPER AND LOWER CASE, HIP WHITE BACKGROUND WITH EC BLACK LETTERS.
7. STREET NAME SIGNS TO BE INSTALLED AT SIGNALIZED INTERSECTIONS SHALL BE DOUBLE SIDED SIGNS INSTALLED WITH A 24-INCH CANTILEVER WING BRACKET (MDSOLUTIONS, INC. MODEL #240EWB000 OR APPROVED EQUAL) AND ONE SIGN PLACED ON EACH CORNER MOUNTED WITH SS BANDING.

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
URBAN ROADS 45 MPH OR GREATER AND MULTI-LANE	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRS	4-70C



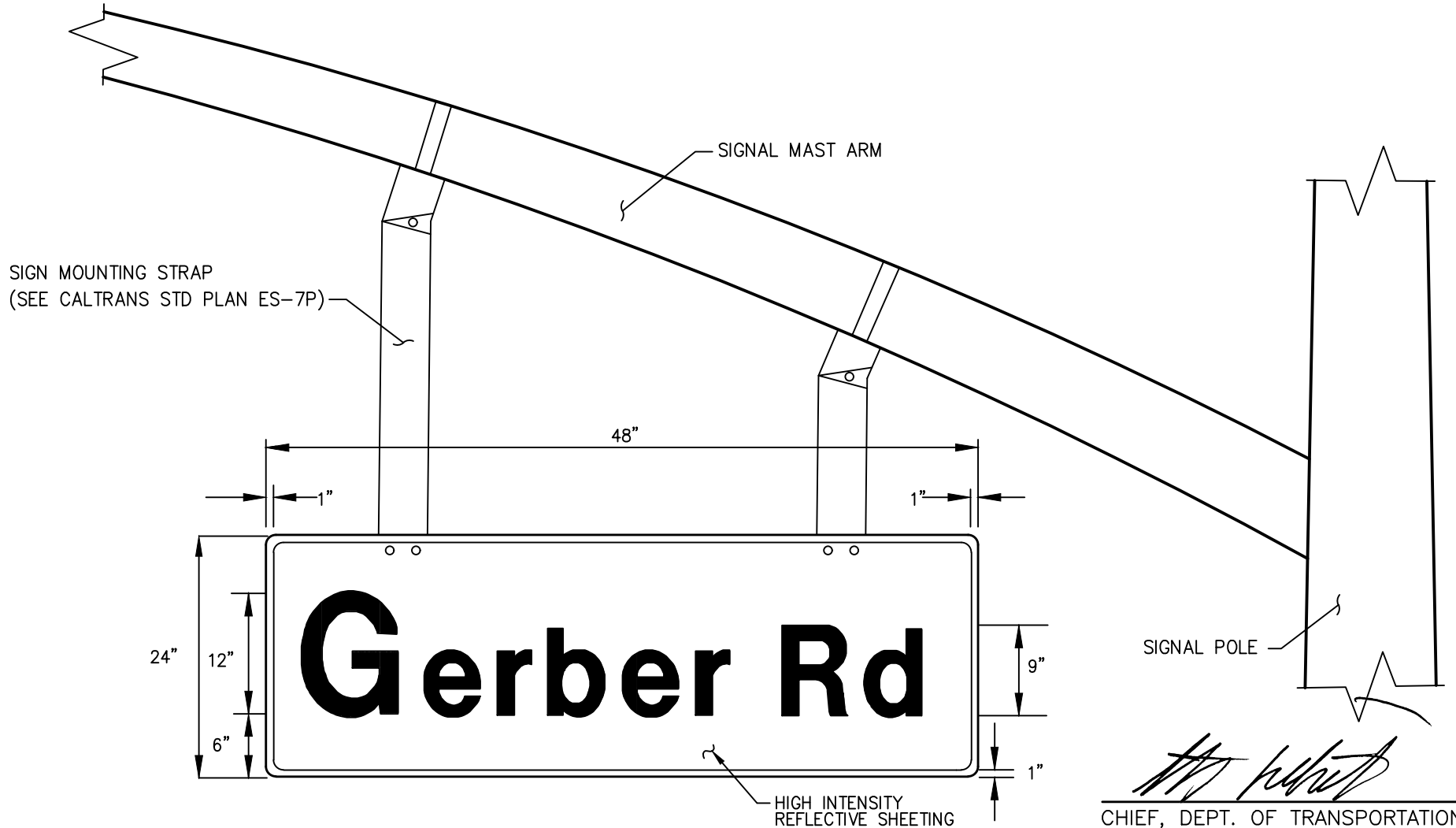
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

NOTES:

SIGN DETAILS FOR DUAL STREET

1. ALUMINUM SHEET ALLOY 6061-T6 0.080" GAUGE ROUNDED CORNERS 1/2" RADIUS.
2. SIGNS SHALL BE DOUBLE FACE UNLESS AT THE END OF ROAD.
3. SIGNS SHALL HAVE A GREEN BACKGROUND, WHITE LETTERS ON DIAMOND GRADE REFLECTIVE SHEETING WITH ELECTRO CUT FILM.
4. SIGN WITH SHALL BE MULTIPLES OF 12" DEPENDING ON LENGTH OF STREET NAME.
5. STREET NAME SHALL BE CENTERED ON SIGN SECTION.
6. STREET NAME ON TOP OF THE SIGN SHALL BE THE STREET THE SIGN IS CLOSEST TO.

COUNTY OF SACRAMENTO	
STANDARD OVERHEAD SIGN (DUAL STREET)	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRS/JTW	4-70D



[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

SIGN DETAILS FOR SINGLE STREET

NOTES:

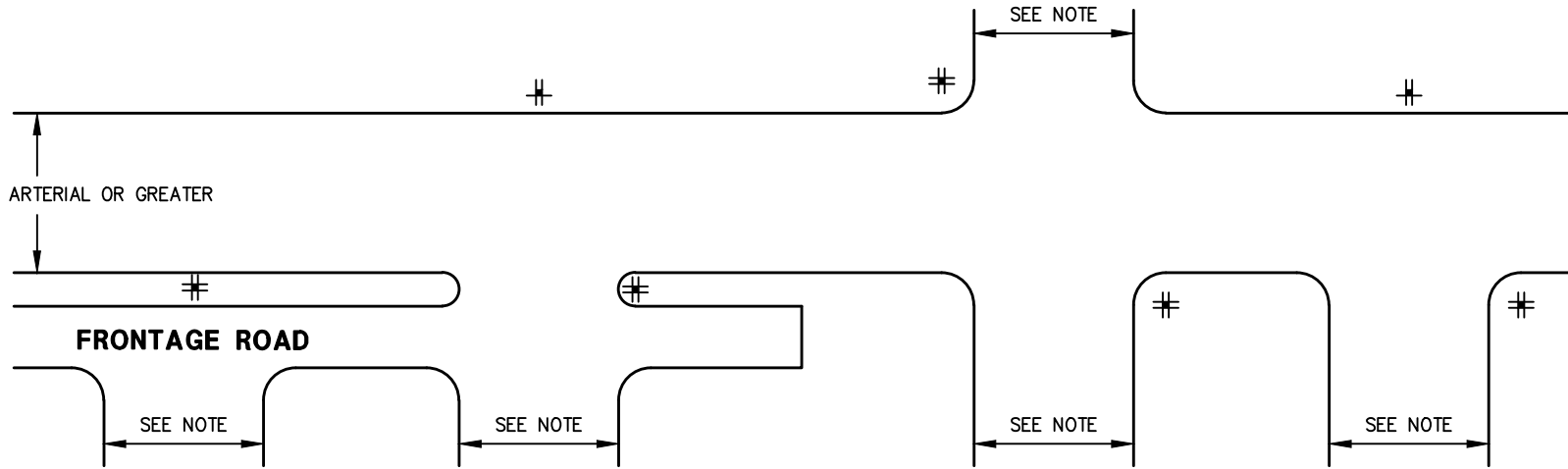
1. ALUMINUM SHEET ALLOY 6061-T6 0.080" GAUGE ROUNDED CORNERS 1/2" RADIUS.
2. SIGNS SHALL BE DOUBLE FACE UNLESS AT THE END OF ROAD.
3. SIGNS SHALL HAVE A GREEN BACKGROUND, WHITE LETTERS ON DIAMOND GRADE REFLECTIVE SHEETING WITH ELECTRO CUT FILM.
4. SIGN WITH SHALL BE MULTIPLES OF 12" DEPENDING ON LENGTH OF STREET NAME.
5. STREET NAME SHALL BE CENTERED ON SIGN.

COUNTY OF SACRAMENTO

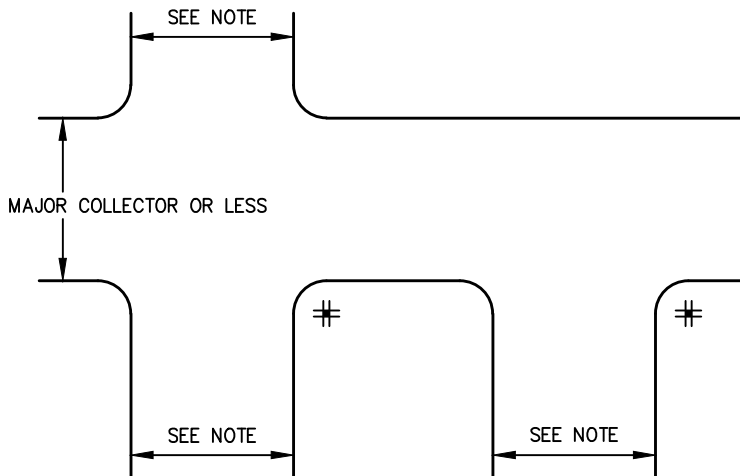
**STANDARD OVERHEAD SIGN
(SINGLE STREET)**

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRS/JTW

4-70E



STREETS CLASSIFIED AS ARTERIAL OR GREATER



STREETS CLASSIFIED AS MAJOR COLLECTOR OR LESS

NOTE:

SIDE STREETS INDICATED ARE CLASSIFIED EQUAL TO OR LESS THAN THROUGH STREET AS SHOWN ON THE PLAN.

LEGEND:

STANDARD STREET NAME SIGN INSTALLATION. FOUR (4) SIGN PLATES ON 4" x 4" POST OR ON STREET LIGHT POLE.

THREE (3) SIGN PLATES ON 4" x 4" POST OR ON STREET LIGHT POLE.

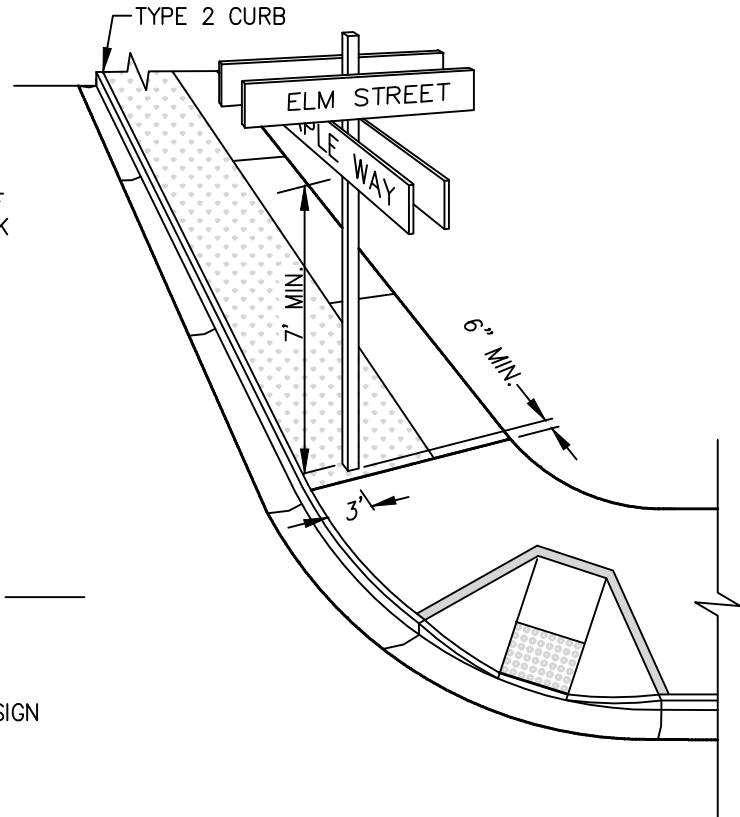
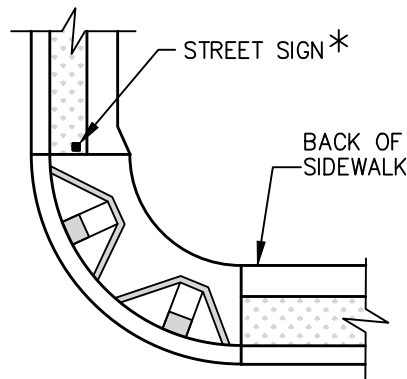
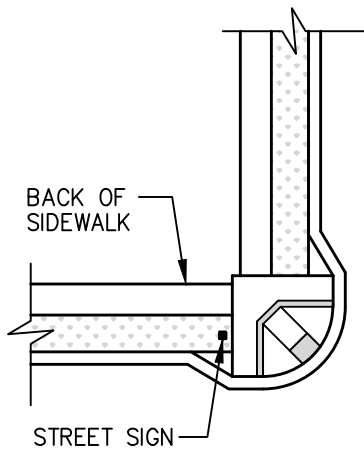
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**STREET NAME SIGN
LOCATION REQUIREMENTS**

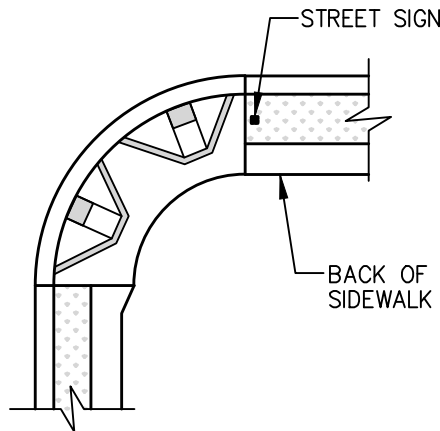
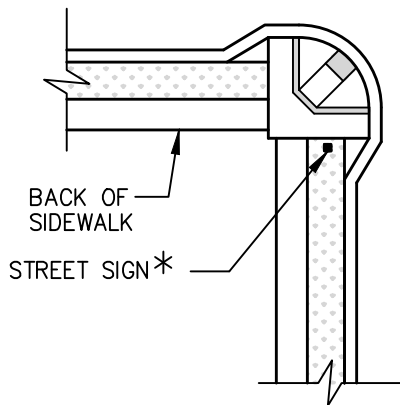
SCALE: NONE
DATE: 09/2024
DRAWN BY: TRU P.

4-71



LARGER STREET (OR GREATER TRAFFIC VOLUME FOR EQUAL WIDTH STREETS)

SMALLER STREET (OR LESSER TRAFFIC VOLUME FOR EQUAL WIDTH STREETS)

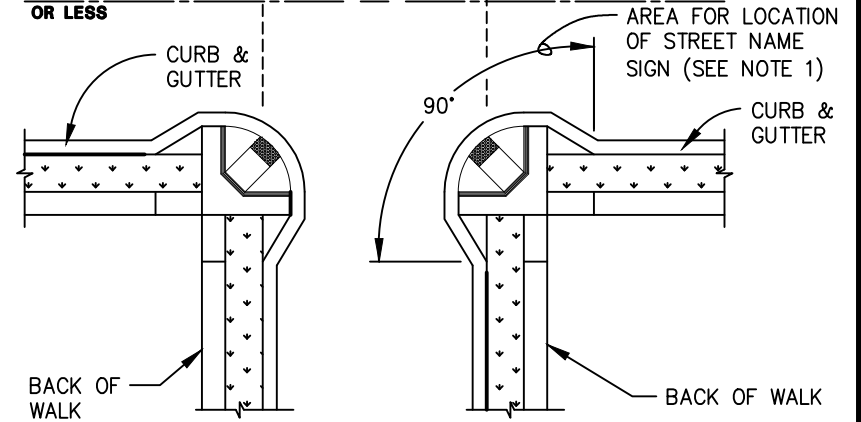
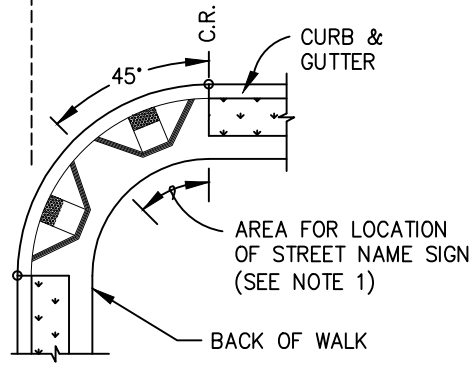
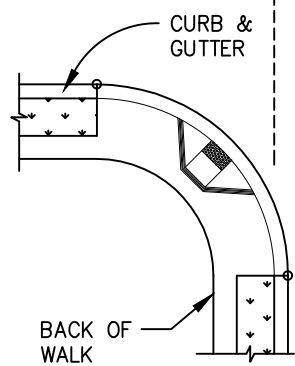
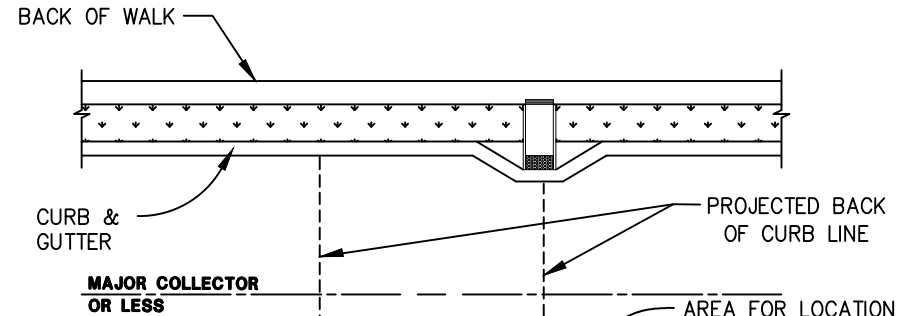
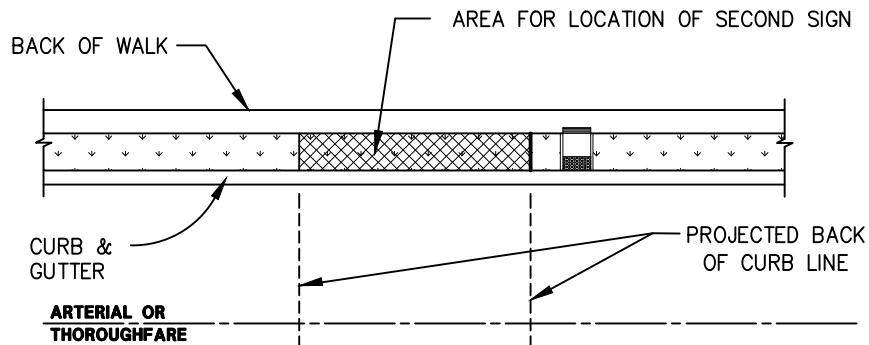


* ADDITIONAL STREET SIGN NEEDED IF LARGER STREET IS AN ARTERIAL OR THOROUGHFARE.

NOTE: IN LIEU OF INSTALLATION OF STREET NAME SIGNS ON NEW POST, SIGNS MAY BE INSTALLED ON STREET LIGHT POLES PER DWG. 4-73.

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
STREET NAME SIGN PLACEMENT DETAILS ON WOOD POLE INSTALLATIONS	
SCALE: NONE	4-72
DATE: 09/2024	
DRAWN BY: B.R. & TRU P.	

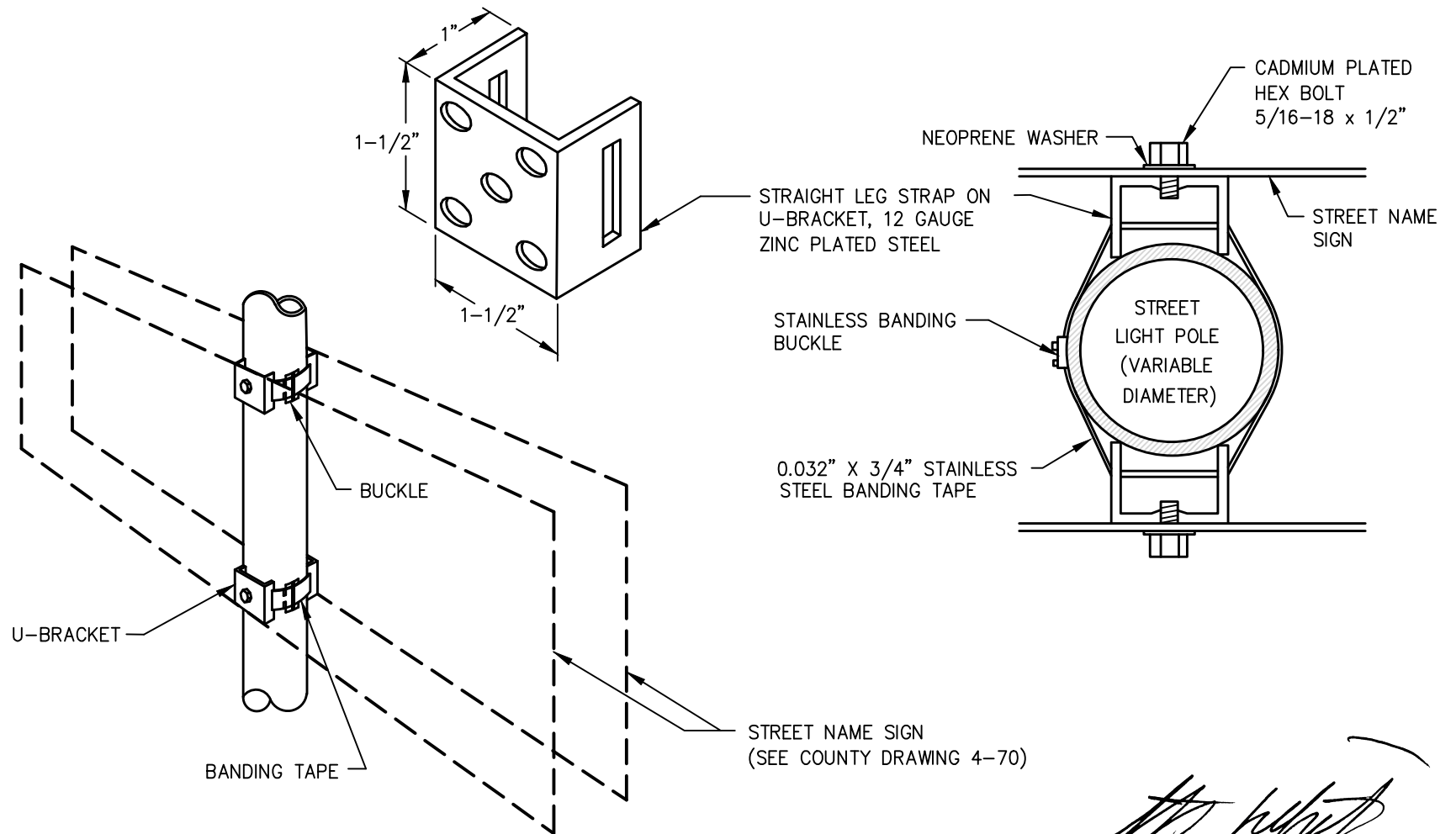


NOTES:

1. STREET NAME SIGNS SHALL BE INSTALLED ON STREET LIGHT POLES WHEN THEY ARE LOCATED WITHIN THE LOCATION LIMITS DEFINED ON THIS DETAIL.
2. ALL OTHER STREET NAME SIGN REQUIREMENTS IN SECTIONS 4-28 & 4-29 AND IN DRAWINGS 4-70, 4-71, 4-72 & 4-74 SHALL APPLY.


 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
STREET NAME PLACEMENT DETAILS ON STREET LIGHT POLE INSTALLATIONS	
SCALE: NONE DATE: 09/2024 DRAWN BY: B.R. & TRU P.	4-73



NOTES:

1. *DETAIL SHOWN IS FOR A TWO SIGN INSTALLATION. FOUR SIGN INSTALLATIONS MAY BE MADE, WHERE APPLICABLE, BY FASTENING A SECOND PAIR OF SIGNS IN THE SAME MANNER.*
2. *STANDARD CLEARANCE TO BOTTOM OF LOWEST SIGN IS 7 FEET MINIMUM.*

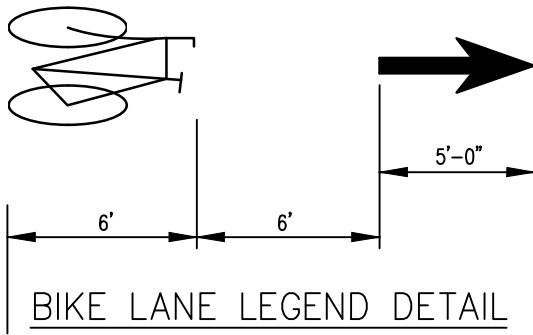
CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**STREET NAME SIGN
INSTALLATION ON
STREET LIGHT POLE**

SCALE: NONE
DATE: 09/2024
DRAWN BY: TRU P.

4-74



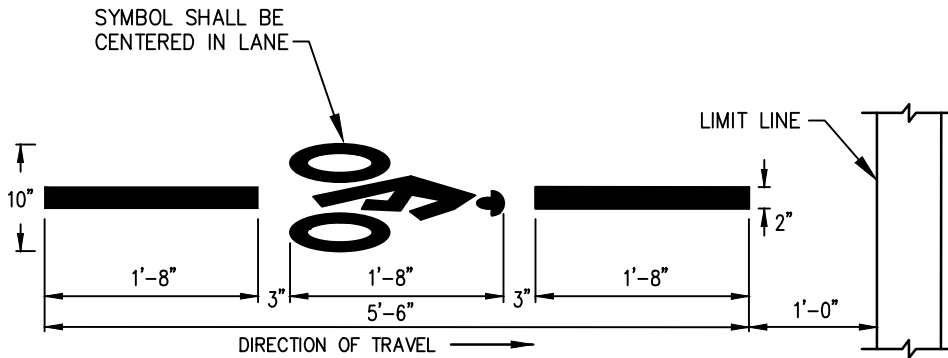
BIKE LANE LEGEND DETAIL

SEE CALTRANS STANDARD PLAN A24A AND A24C FOR PAVEMENT MARKING SYMBOL AND ARROW.

BIKE LANE LEGEND

TYPICAL LOCATIONS:

- 10' AFTER START OF BIKE LANE AT INTERSECTION
- 10' AFTER START OF BIKE LANE ALONG RIGHT TURN LANE
- 10' BEFORE DETAIL 39 STRIPING CHANGES TO DETAIL 39A STRIPING (AT SIGNALIZED INTERSECTION APPROACHES)



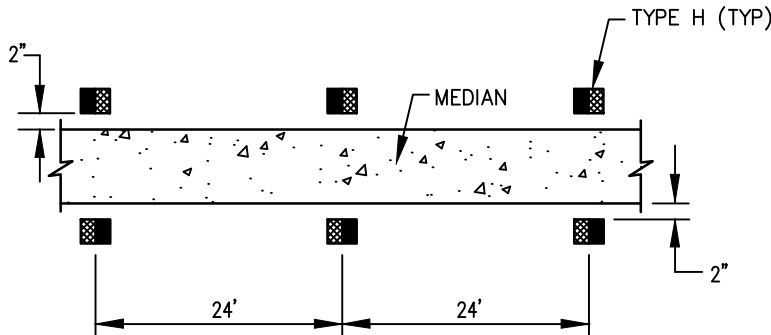
BICYCLE DETECTION SYMBOL

SEE CALTRANS STANDARD PLAN A24C FOR PAVEMENT MARKING SYMBOLS.

BICYCLE DETECTION SYMBOL

TYPICAL LOCATIONS:

- BIKE LANE
- LEFT TURN LANE *
- THROUGH LANE *
- * (OUTSIDE LANE ONLY IF MULTIPLE LANES)

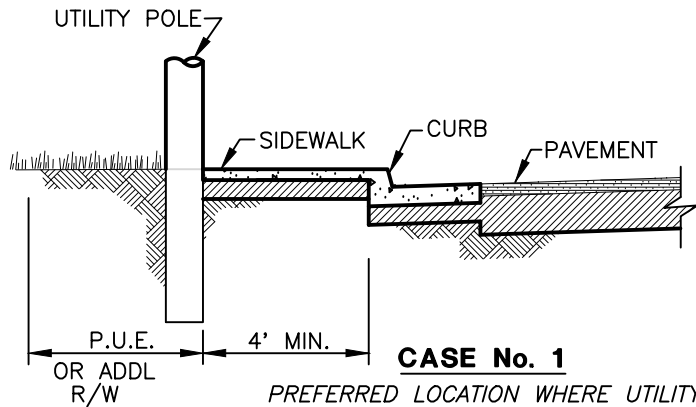


MODIFIED DETAIL 26

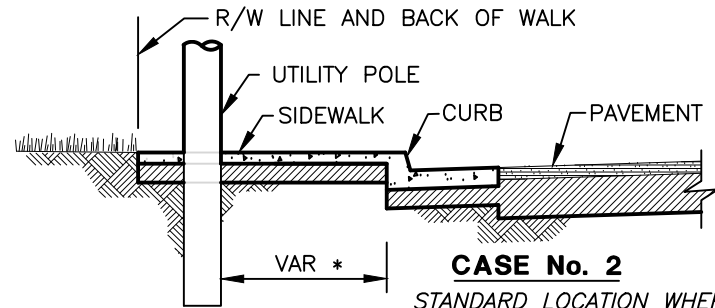
FOR USE ADJACENT TO MEDIANS
SEE CALTRANS STANDARD PLAN A20B
FOR PAVEMENT MARKER TYPE.

[Signature]
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COUNTY OF SACRAMENTO	
STRIPING AND PAVEMENT MARKING DETAILS	
SCALE: NONE DATE: 09/2024 DRAWN BY: TRS	4-77

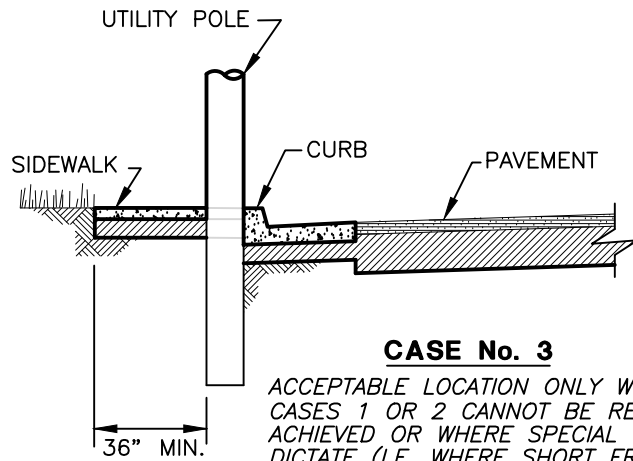


CASE No. 1
 PREFERRED LOCATION WHERE UTILITY CONFLICTS AND PHYSICAL CONDITIONS ALLOW AND AN EASEMENT OR RIGHT OF WAY EXISTS BEHIND WALK.

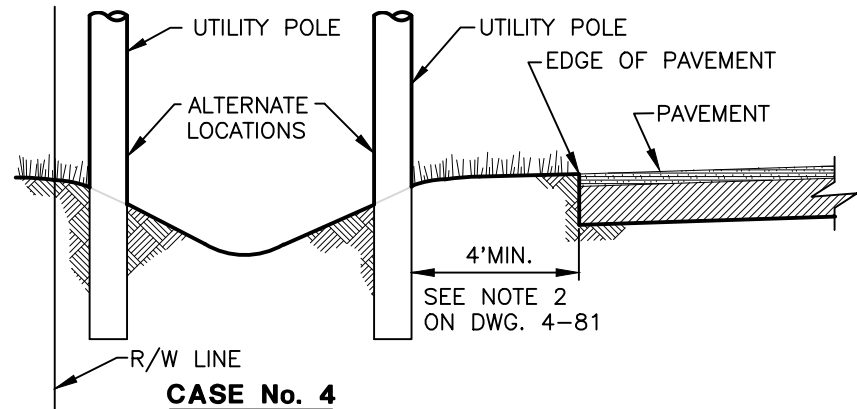


CASE No. 2
 STANDARD LOCATION WHERE CASE #1 IS NOT REASONABLY ACHIEVABLE

* PEDESTRIAN CLEARANCE OF 36" MINIMUM IN FRONT OF THE POLE IS DESIRABLE. POLE CAN BE PLACED 12" MINIMUM FROM BACK OF CURB IF 36" MINIMUM PEDESTRIAN CLEARANCE IS PROVIDED BEHIND POLE. POLE TO BE PLACED WITH BACK OF POLE FLUSH WITH BACK OF WALK IF NOT IN CONFLICT WITH OTHER UTILITIES.



CASE No. 3
 ACCEPTABLE LOCATION ONLY WHERE CASES 1 OR 2 CANNOT BE REASONABLY ACHIEVED OR WHERE SPECIAL CONDITIONS DICTATE (I.E. WHERE SHORT FRONTAGE IMPROVEMENT CAUSES SIGNIFICANT DEVIATION FROM POLE LINE RESULTING IN UNDESIRABLE GUYING REQUIREMENTS).



CASE No. 4
 REFER TO NOTE 1 ON DWG. 4-81

SEE 4-81 FOR NOTES

[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

UTILITY POLE
 PLACEMENT LOCATIONS
 DETAILS

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: TRU P. & B.R.

4-80

NOTES:

1. WHERE STREET IMPROVEMENTS WILL ULTIMATELY BE CLASS A OR B, THE POLE SHOULD BE LOCATED IN CONFORMANCE TO THE APPROPRIATE CASE #1 OR #2 BASED ON THE FUTURE LOCATION OF THE STREET IMPROVEMENTS. IN THE CASE WHERE NO CURBS WOULD EVER BE ANTICIPATED, THE POLE SHOULD BE LOCATED 4 FEET MINIMUM FROM THE EDGE OF PAVEMENT SO AS NOT TO ENCROACH IN AN ADJACENT DITCH AS SHOWN IN CASE #4.
2. WITH ROAD WIDENING PROJECTS, UTILITY POLES MAY BE ALLOWED TO REMAIN AT THE EDGE OF PAVEMENT, WITH 0.5 FEET MINIMUM CLEARANCE (CASE #4). HOWEVER, WHERE THE PRE-PROJECT UTILITY POLE LOCATION IS WITHIN THE PROPOSED PAVEMENT SECTION, UTILITY POLES SHOULD BE RELOCATED TO THE ULTIMATE LOCATION PER CASE #1 OR #2, IN ORDER TO AVOID RELOCATION OF THE UTILITY POLE IN THE FUTURE.
3. UTILITY POLE PLACEMENT UNDER THE FOLLOWING CONDITIONS IS SUBJECT TO APPROVAL BY THE CHIEF OF THE DEPARTMENT OF TRANSPORTATION:
 - A- POLES IN VISIBILITY CONTROL AREAS (SEE STANDARD DRAWING 4-18).
 - B- POLES LARGER THAN 18 INCHES IN DIAMETER WITHIN 9 FEET OF EDGE OF PAVEMENT IN CLASS A OR CLASS B STREETS.
 - C- POLES LARGER THAN 18 INCHES IN DIAMETER WITHIN 9 FEET OF THE EDGE OF TRAVELED WAY ON CLASS C STREETS.
 - D- POLES LOCATED ON THE OUTSIDE OF SHARP CURVES, OR IN THE TANGENT OF THE CURVES WITHIN 200 FEET OF THE BEGINNING OR END OF CURVE (FOR 45 MPH OR GREATER SPEED LIMIT) OR 100 FEET (FOR A LESSER SPEED LIMIT). IN THESE CASES, SPECIAL DELINIATION AND/OR A GUARDRAIL MAY BE REQUIRED. FOR PURPOSES OF THIS SECTION, SHARP CURVES SHALL BE CONSIDERED THOSE WITH RADII OF LESS THAN 800 FEET FOR URBAN 2 LANE STREETS, AND WITH RADII OF LESS THAN 2000 FEET FOR RURAL ROADS OR MULTI-LANE STREETS.
4. RISERS PROPOSED IN A LOCATION THAT WOULD REDUCE PEDESTRIAN CLEARANCE TO LESS THAN 36 INCHES SHALL NOT BE ALLOWED.
5. FOR LOCATIONS WITH SEPERATED SIDEWALK, UTILITY FACILITIES SHALL BE PLACED OUTSIDE OF THE SIDEWALK AREA. SIDEWALK LOCATION MAY BE ADJUSTED TO RESOLVE CONFLICT WITH EXISTING UTILITIES WITH WRITTEN APPROVAL OF DIRECTOR OF COUNTY OF ENGINEERING.


CHIEF, DEPT. OF TRANSPORTATION

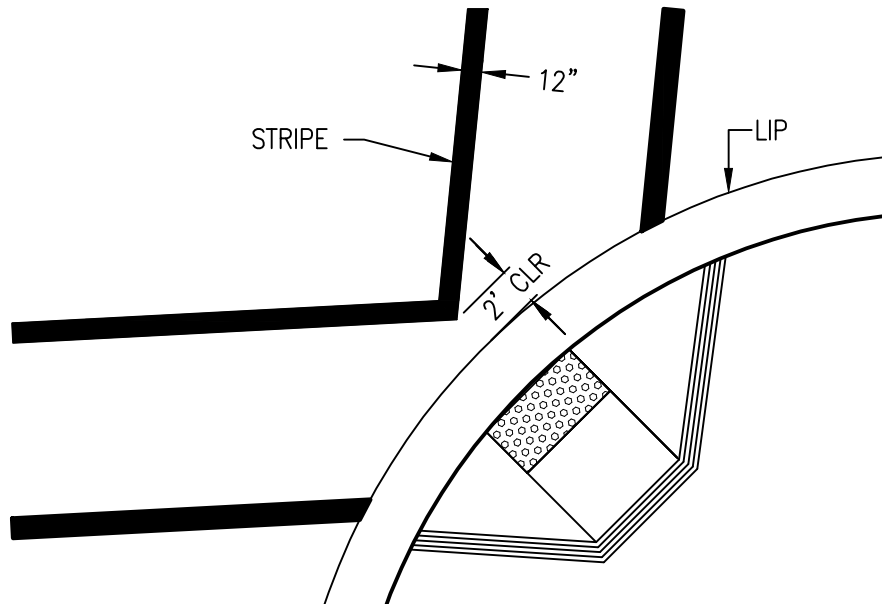
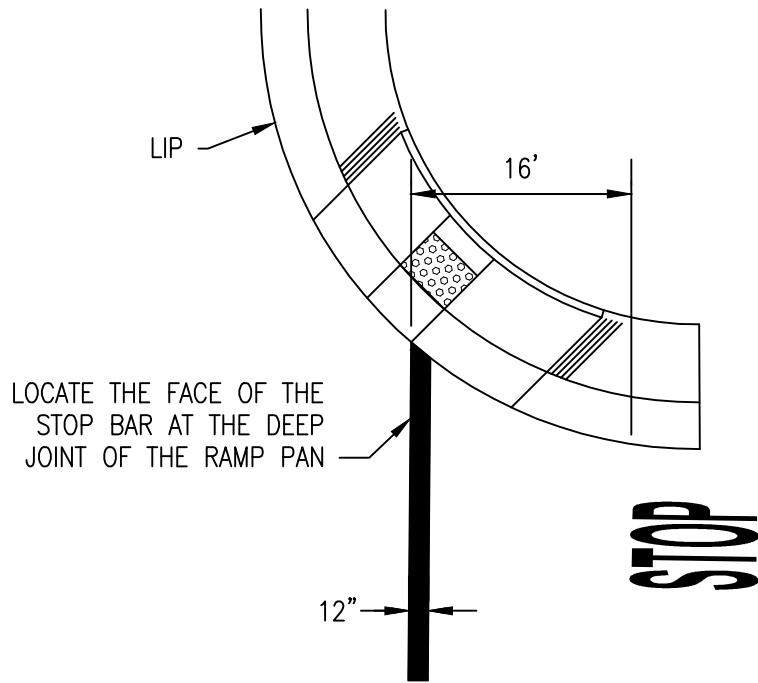
SEE 4-80 FOR DETAILS

COUNTY OF SACRAMENTO

**UTILITY POLE
PLACEMENT LOCATIONS
NOTES**

SCALE: NONE
DATE: 09/2024
DRAWN BY: TRU P. & B.R.

4-81



NOTES:

1. SEE DWG 4-50 TO 4-56 FOR RAMP PLACEMENT REQUIREMENTS.

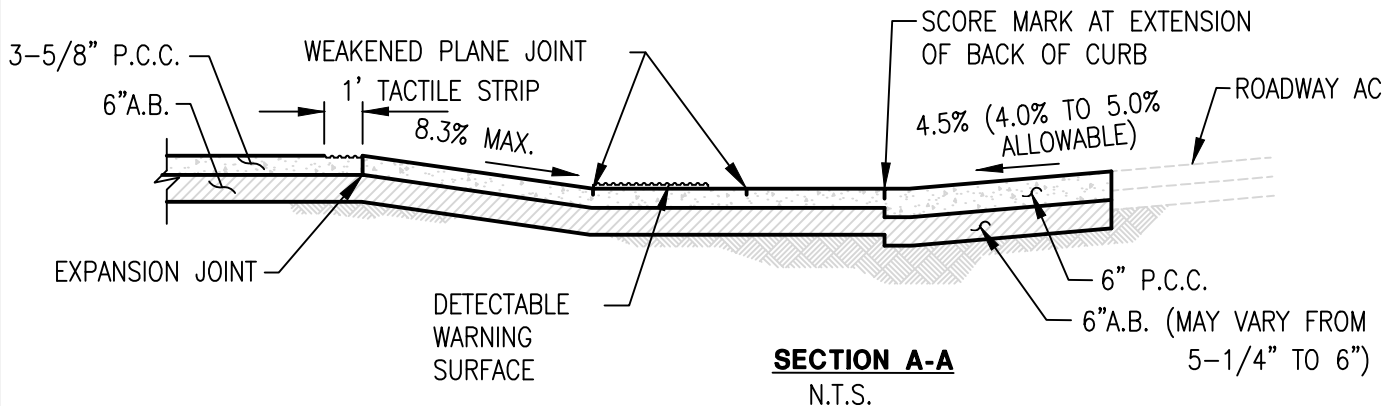
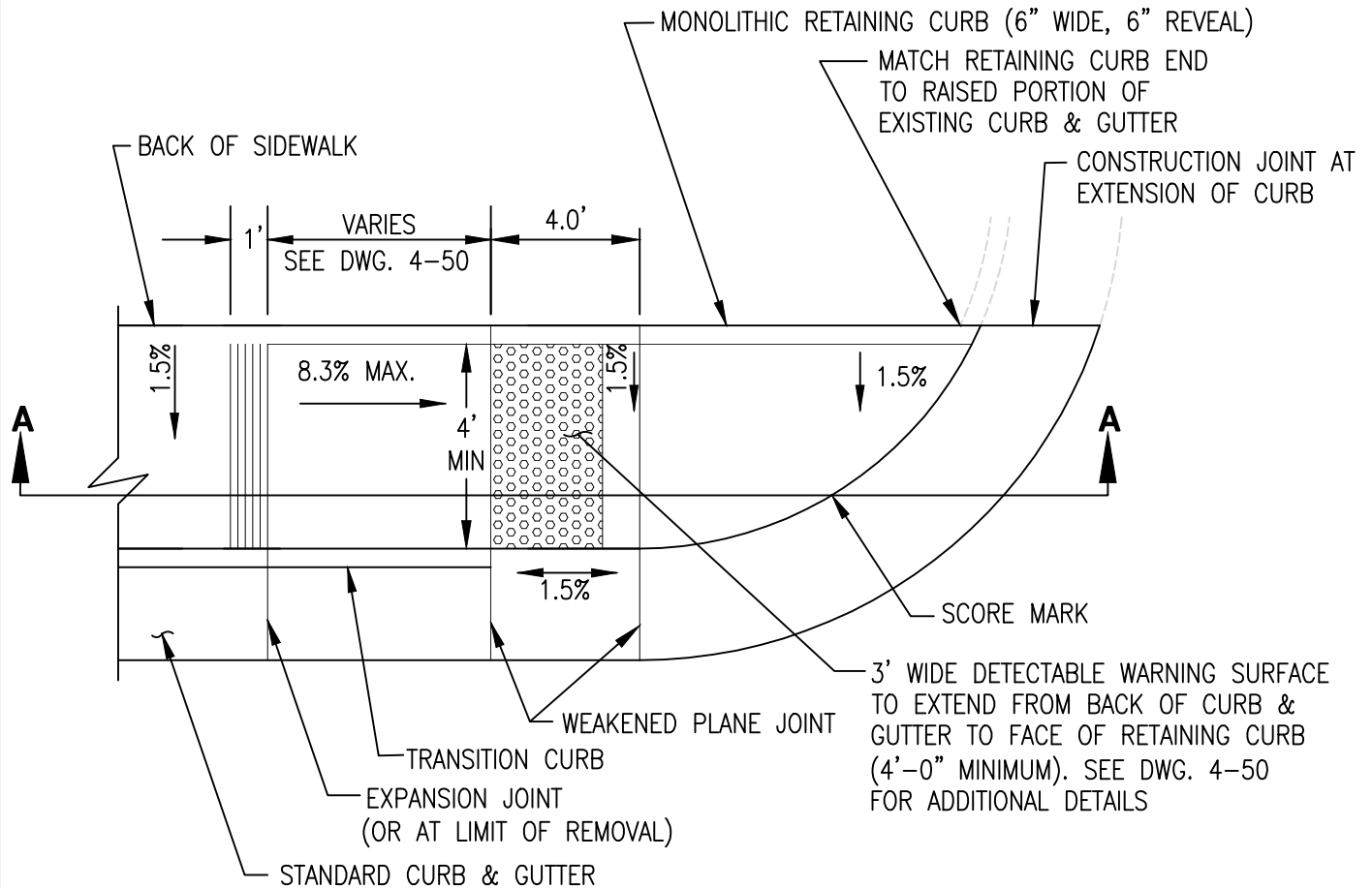
[Signature]
 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

**STRIPING AND
 PAVEMENT MARKING
 DETAILS**

SCALE: NONE
 DATE: 09/2024
 DRAWN BY: JTW

4-82



NOTES:

1. SEE DRAWING 4-51 FOR REINFORCING & ADDITIONAL CONSTRUCTION NOTES.

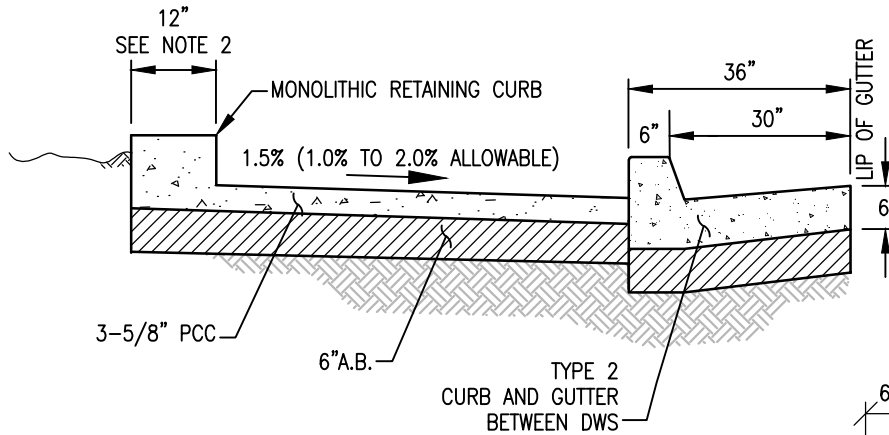
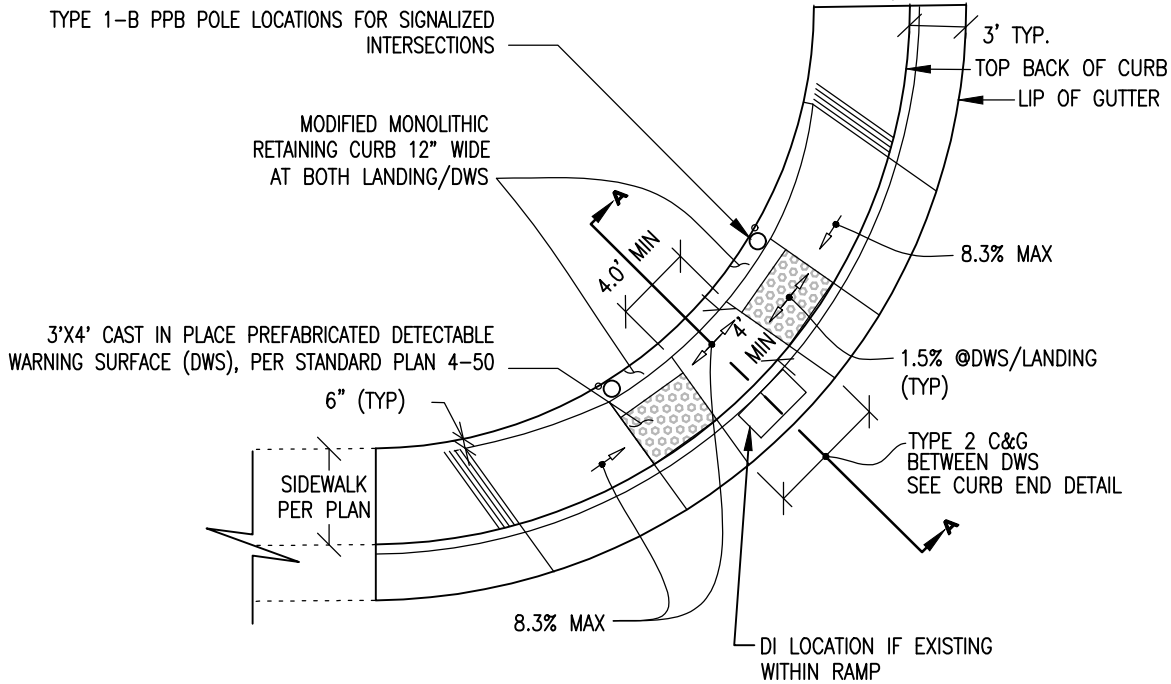
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CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO

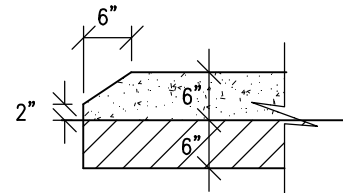
SLOT RAMP DETAIL

SCALE: NONE
DATE: 09/2024
DRAWN BY: TRS

4-83



SECTION A-A



TYPE 2 CURB END DETAIL

NOTES:

1. SEE DWG. 4-51 TO 4-56 FOR RAMP PLACEMENT REQUIREMENTS.
2. INSTALL 6" CURB AT NON-SIGNALIZED LOCATIONS.
3. SEE DWG 4-82 FOR CROSSWALK ALIGNMENT 2' CLEAR FROM LIP AT THE MIDPOINT BETWEEN THE TWO DETECTABLE WARNING SURFACES.
4. SEE DWG 4-49 FOR SAWCUT LIMITS.


 CHIEF, DEPT. OF TRANSPORTATION

COUNTY OF SACRAMENTO	
COMPACT DUAL PARALLEL RAMP DETAILS	
SCALE: NONE DATE: 09/2024 DRAWN BY: JTW/JTE	4-84