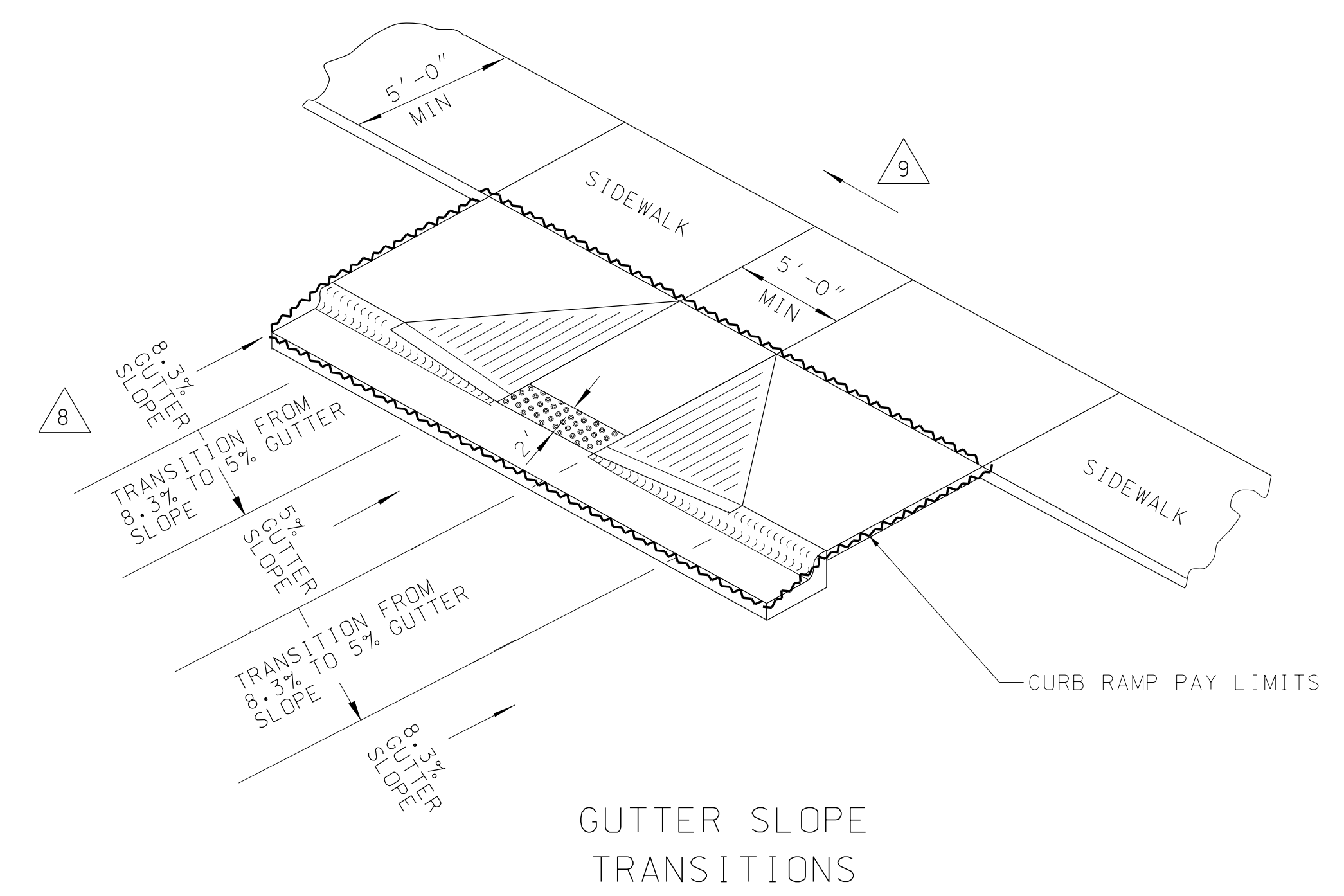
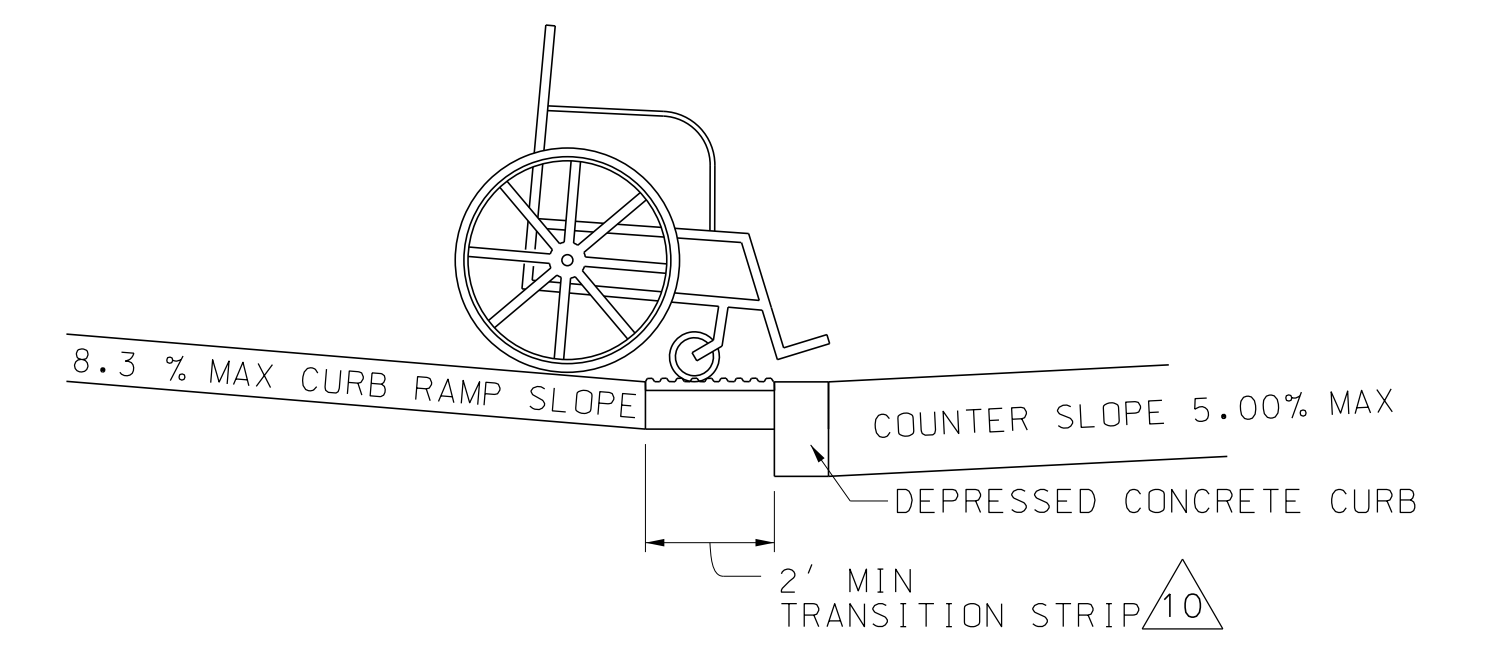


DETAIL CALL-OUTS: 14

- ① RAMP
15'-0" MAX LENGTH
8.3% (12:1) MAX RUNNING SLOPE
5.0% (20:1) MIN RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- ② FLARES
10.0% (10:1) MAX RUNNING SLOPE
- ③ LANDING OR TURNING SPACE
2.0% (50:1) MAX RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- 4. OMIT
- ⑤ SIDEWALKS
5.0% (20:1) MAX RUNNING SLOPE
2.0% (50:1) MAX CROSS SLOPE
- ⑥ DRIVEWAYS
8.0% (12.5:1) MAX CHANGE IN GRADE BETWEEN ROAD SURFACES AND DRIVEWAY
8.0% (12.5:1) MAX CHANGE IN GRADE BETWEEN DRIVEWAY AND SIDEWALK



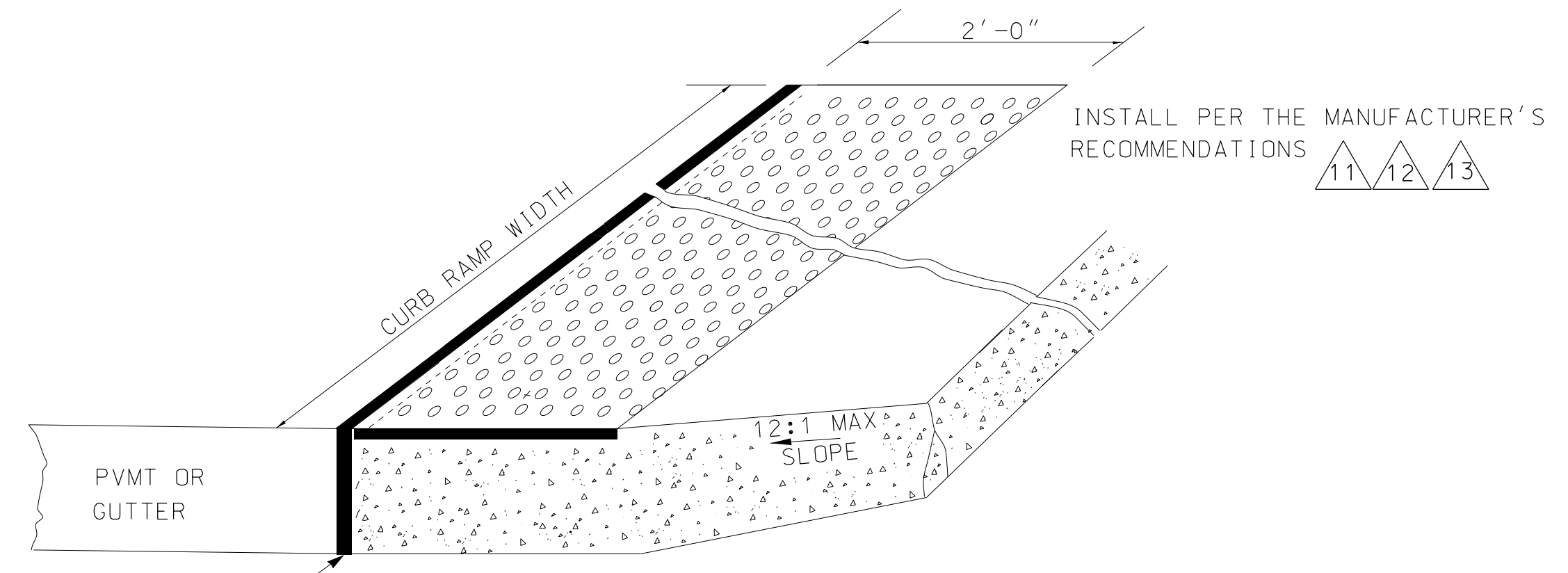
GUTTER SLOPE TRANSITIONS



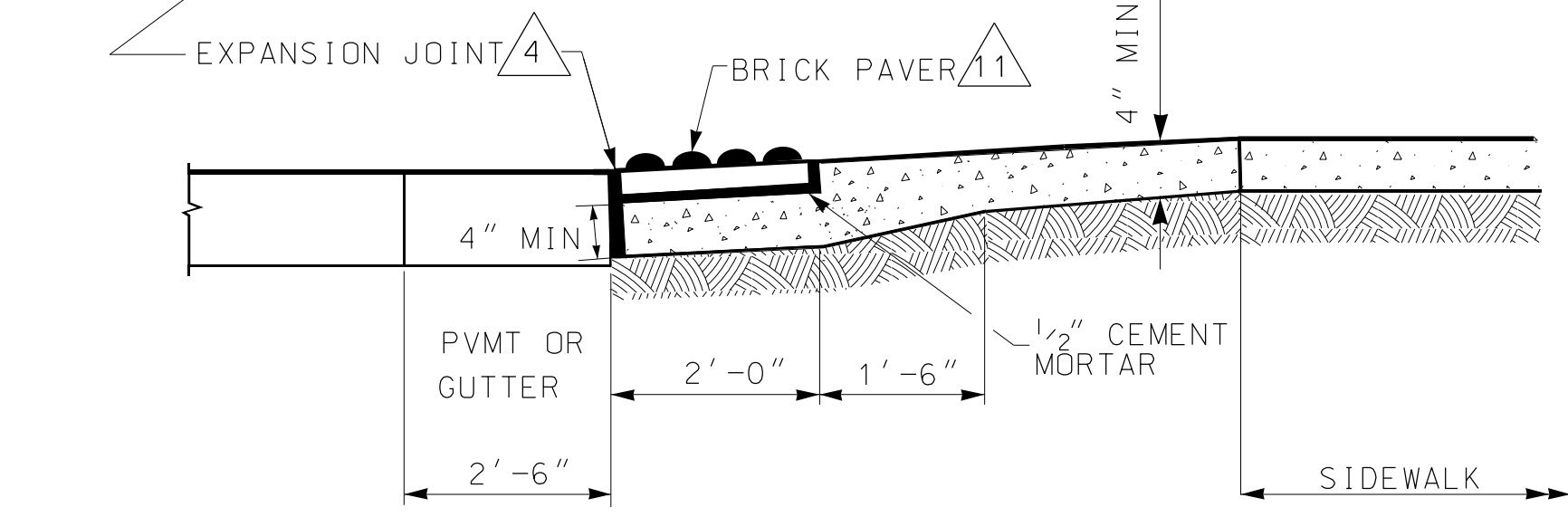
CHANGE OF GRADE LIMITATIONS

GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS:

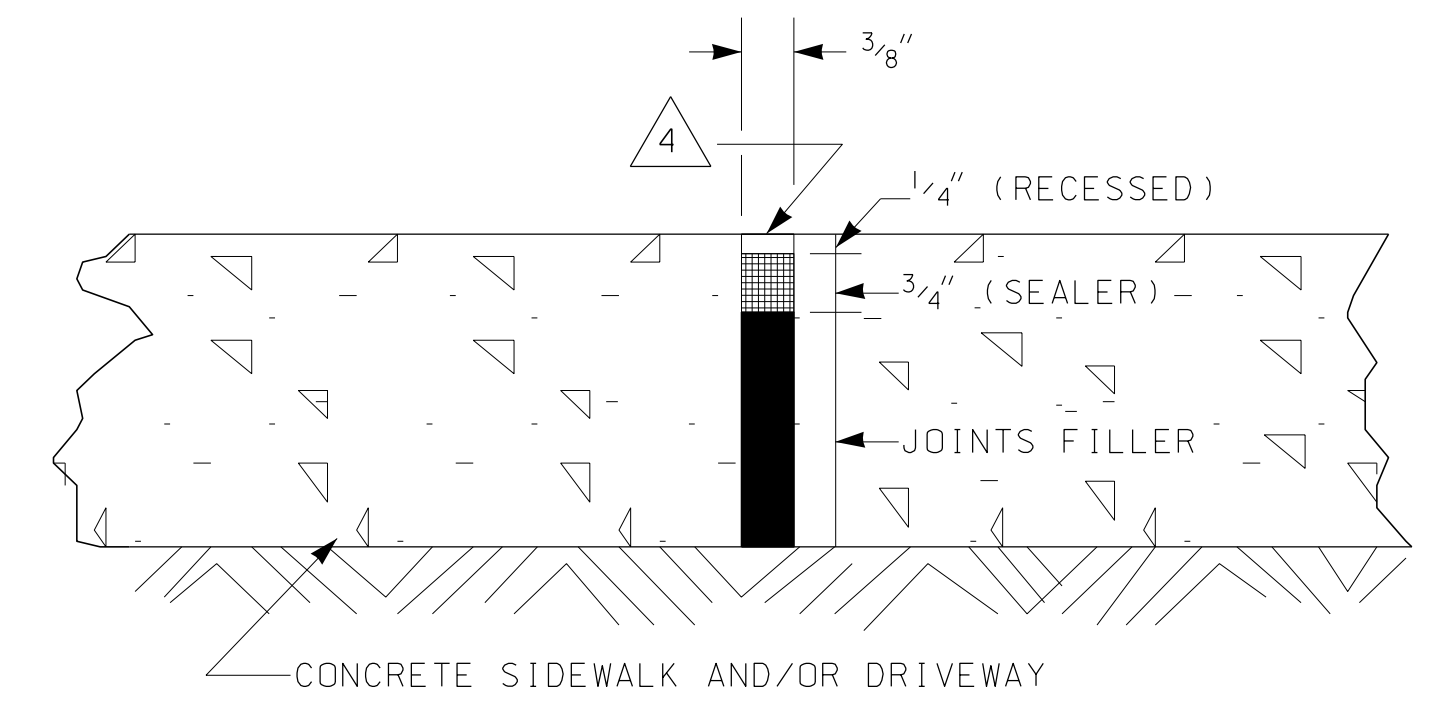
- 1. WHERE THE TURNING SPACE IS CONSTRAINED AT THE BACK-OF-SIDEWALK SUCH AS, A BUILDING, ADJACENT TO THE SIDEWALK, THE TURNING SPACE SHALL BE 4'-0" MIN BY 5'-0" MIN. THE 5'-0" DIMENSION SHALL BE PROVIDED IN THE DIRECTION OF THE RAMP RUN.
- 2. SIDEWALK, RAMP, AND CURB RAMP SURFACES SHALL BE NON-SKID PREPARED BY BRUSHING.
- 3. 2% (50:1) OR LESS IS CONSIDERED FLAT.
- 14 INSTALL EXPANSION JOINT MATERIAL WHERE NEW CONSTRUCTION MEETS EXISTING SIDEWALKS, CURBS, GUTTERS, OR FOUNDATIONS. THE CONSTRUCTION JOINT MATERIAL SHALL MEET THE REQUIREMENT OF SECTION 832.01 AND SEALED IN ACCORDANCE WITH SECTION 832.02.
- 5. THE SUBGRADE SHALL BE FREE OF ALL ROOTS AND OTHER UNDESIRABLE MATERIALS WITH THE ROOTS CUT BACK ONE (1) FOOT FROM FACE OF SIDEWALK.
- 6. SIDEWALKS, RAMPS, LANDINGS, AND CURB RAMPS SHALL BE FOUR (4) INCHES THICK UNLESS NOTED OTHERWISE.
- 7. RAMP AND CURB RAMP GRADE(SLOPE IN THE DIRECTION OF PEDESTRIAN TRAVEL) SHALL NOT EXCEED 8.3% (12:1).
- 8 GUTTER SLOPE SHALL NOT EXCEED 8.3% (12:1). THIS APPLIES WHETHER OR NOT GUTTERS ARE DETECTED IN THE EXAMPLES.
- 9 WITHIN THE STREET OR HIGHWAY RIGHT-OF-WAY, THE GRADE OF THE PEDESTRIAN ACCESS ROUTES SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET OR HIGHWAY. WHERE PEDESTRIAN ACCESS ROUTES ARE NOT CONTAINED WITHIN A STREET OR HIGHWAY RIGHT-OF-WAY, THEY SHALL HAVE A MAXIMUM SLOPE OF 20:1 (5.0%).
- 10 PROVIDE A TWO (2) FEET MINIMUM TRANSITION STRIP IF ALGEBRAIC DIFFERENCES BETWEEN ROADWAY SLOPE AND CURB RAMP SLOPE ARE GREATER THAN 9:1 (11.0%). TRANSITION STRIP SHALL NOT EXCEED 2.0% (50:1).
- 11 DETECTABLE WARNING SURFACES MUST BE TWO (2) FEET IN LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP. THE DETECTABLE WARNING MATERIAL AND MANUFACTURER SHALL BE FROM THE ALABAMA DEPARTMENT OF TRANSPORTATION LIST OF QUALIFIED MATERIAL, SOURCES, AND DEVICES. THE COLOR SHALL BE BRICK RED OR A COLOR APPROVED BY THE ENGINEER THAT SHALL CONTRAST THE SURROUNDING SURFACES LIGHT-ON-DARK OR DARK-ON-LIGHT.
- 12 VERTICAL SURFACE DISCONTINUITIES SHALL BE 0.50 INCH MAXIMUM. VERTICAL SURFACE DISCONTINUITIES BETWEEN 0.25 AND 0.5. INCH SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 2:1 (50.0%).
- 13 DOMES SHALL BE PARALLEL TO THE RAMP SO THAT THE WHEELCHAIR WHEELS CAN TRAVEL BETWEEN THE DOMES. (WHERE POSSIBLE ON CURVED INSTALLATIONS.)
- 14 THESE MAXIMUM SLOPES SHALL NOT BE EXCEEDED.
- 15 TO PREVENT STANDING WATER AT THE BASE OF CURB RAMPS, LOCATE STORM DRAIN INLETS UPSTREAM.
- 16. IF A 4 FOOT SIDEWALK IS REQUIRED, THEN A 5 FOOT X 5 FOOT PASSING ZONE SHALL BE CONSTRUCTED EVERY 200 FEET.
- 17. IF THE SIDEWALK IS ADJACENT TO THE CURB, THE WIDTH SHOULD BE 6 FOOT; 5 FOOT MINIMUM IF ROW CONSTRAINTS EXIST.



PREFABRICATED MAT OPTION (INLAID)



BRICK PAVER OPTION



EXPANSION JOINT DETAILS

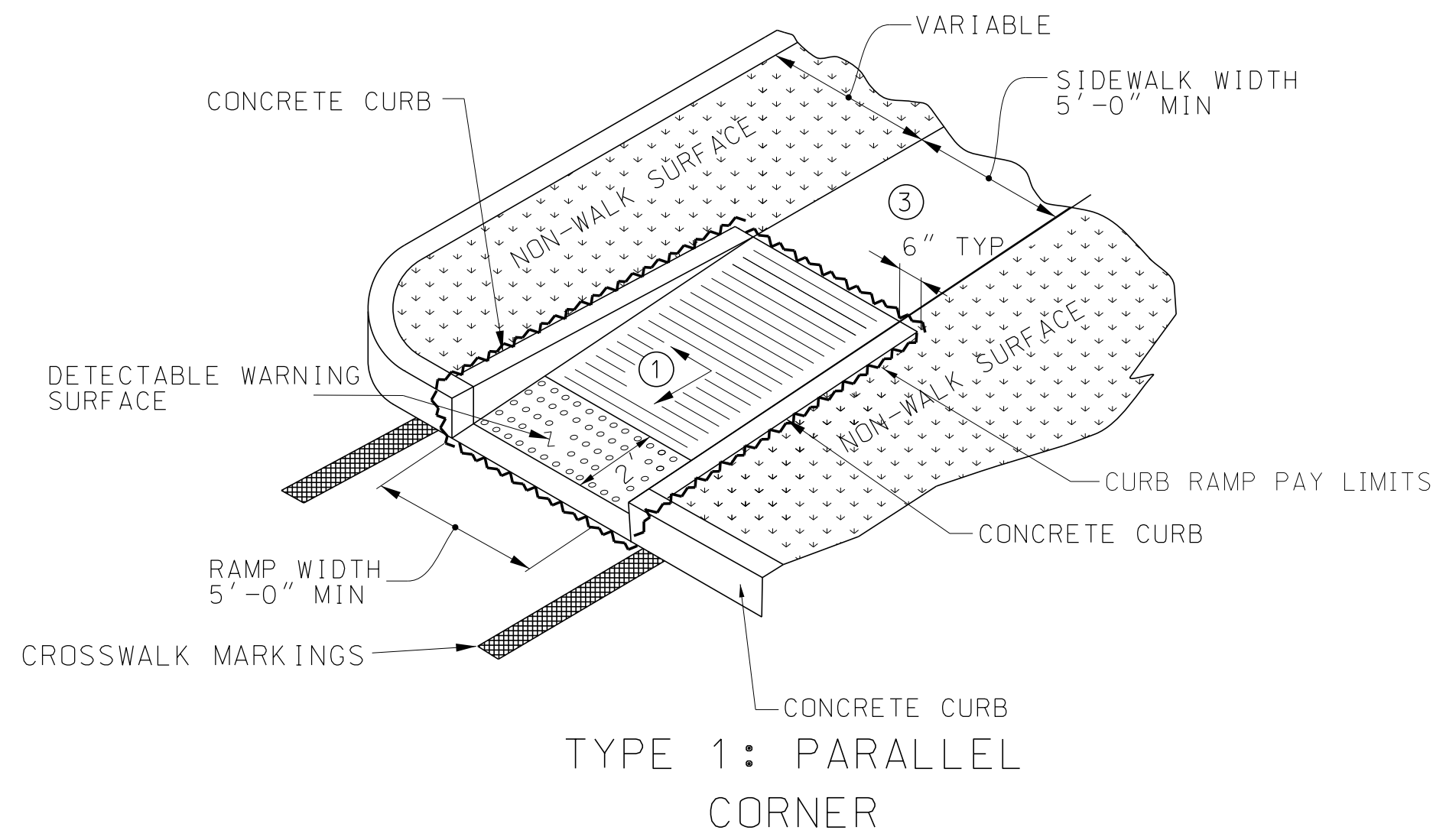
--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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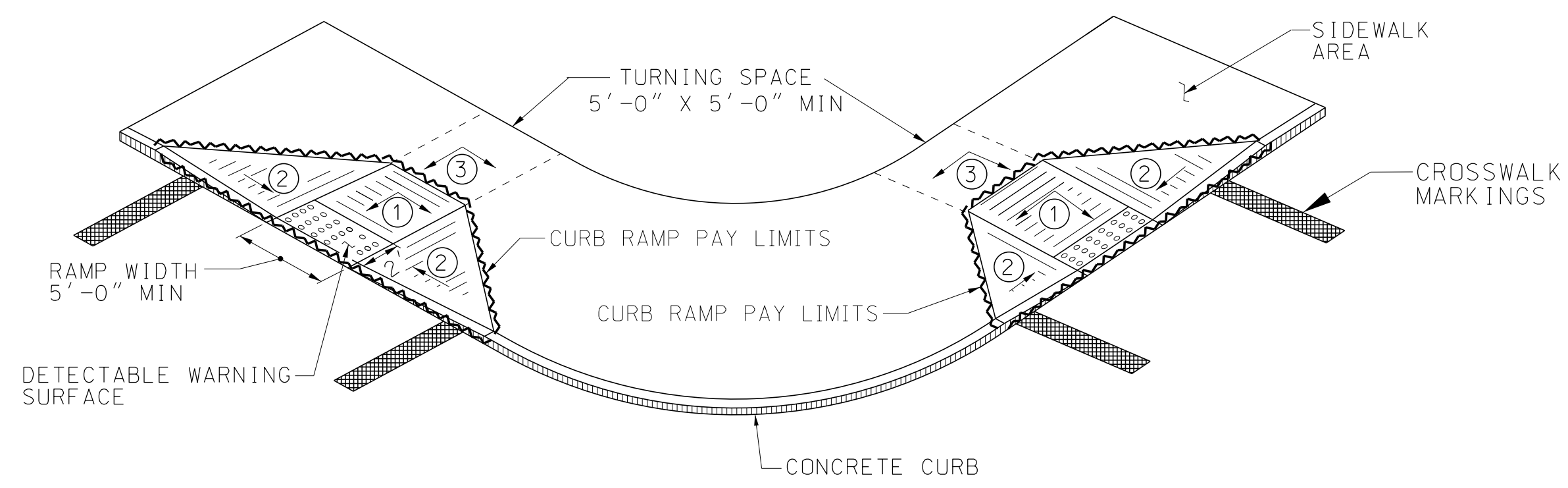
<p>REVISIONS</p> <p>10/25/18 OMT CALLOUT 4 AND 12, G.L.D. GROSS NOTES 16 AND 17, REVISED SIDEWALK WIDTH TO 5' MIN.</p> <p>05/22/19 REVISED EXPANSION JOINT DETAIL, RECESSED FROM TOP J.F.T.</p> <p>08/28/19 IDENTIFIED CURB RAMP PAY LIMITS, MODIFIED EXPANSION JOINT DETAILS, AND OTHER MISC CLEAN UPS BY DJW.</p>	<p>ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050</p> <p>DESIGN BUREAU SPECIAL DRAWING</p> <p>CURB RAMP DETAIL CALLOUTS, GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS, AND DETAILS</p>
<p>Bureau Std Engr: DJW</p> <p>DRAWN BY: _____ DATE DRAWN: _____</p>	<p>SPECIAL DRAWING NO. SW-618 (SHEET 1 OF 4) INDEX NO. 61801</p>

NOT TO SCALE

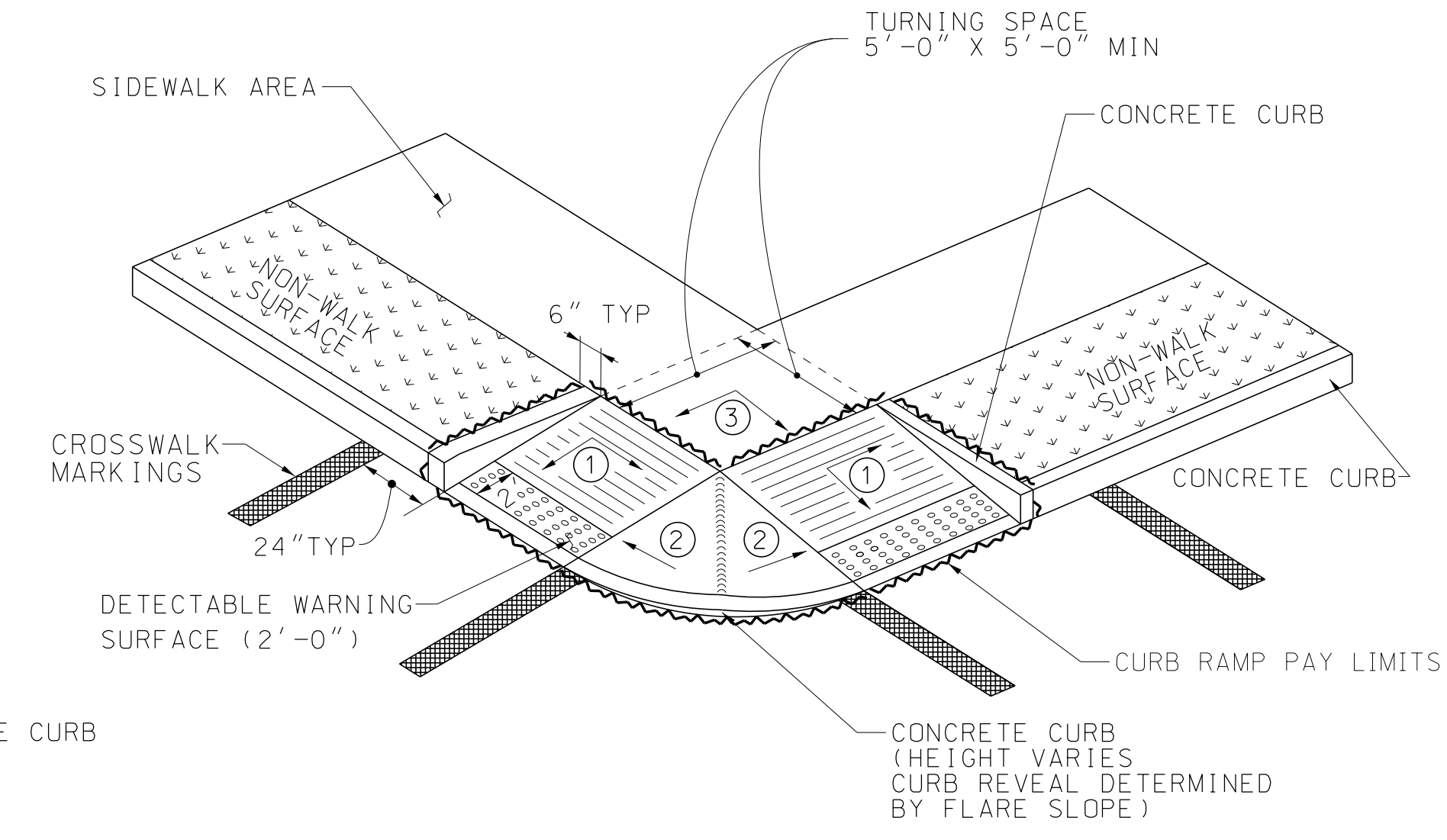
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



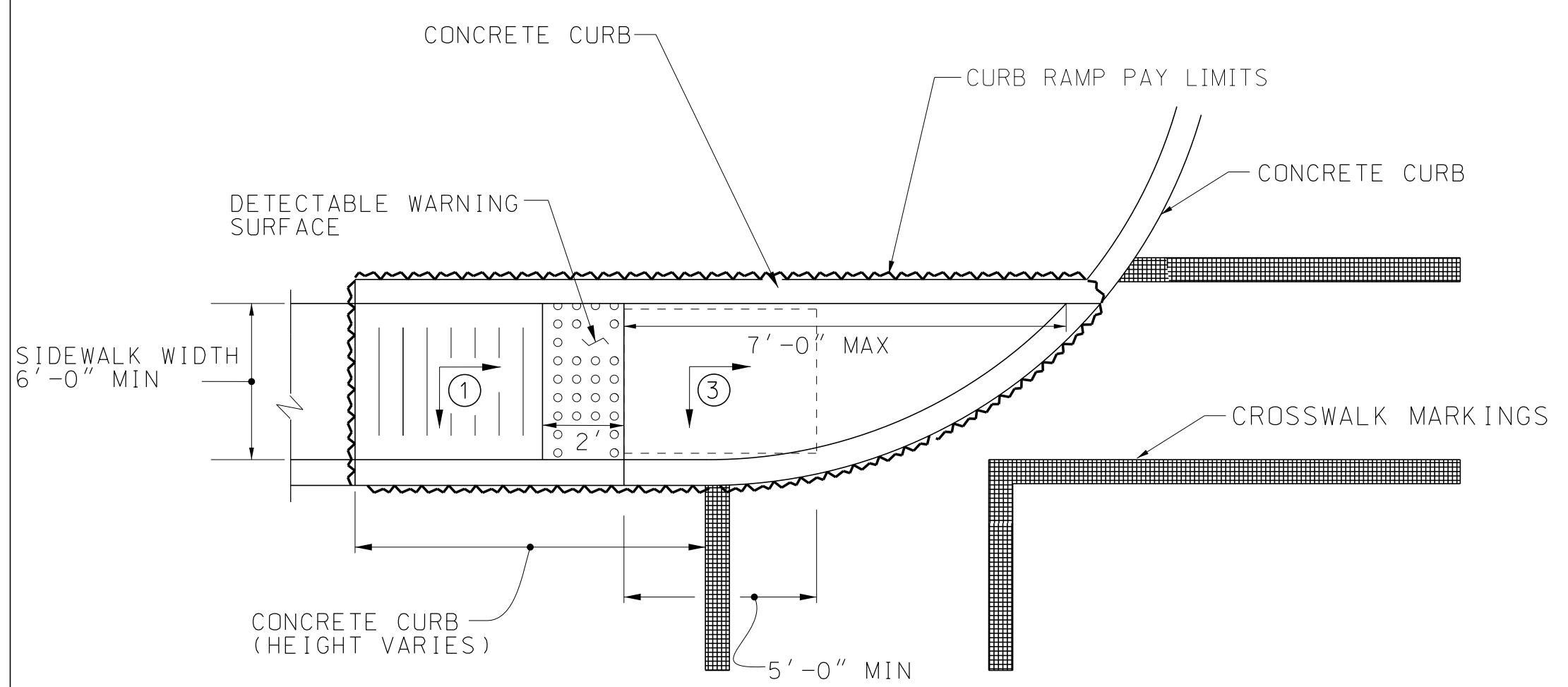
TYPE 1: PARALLEL CORNER



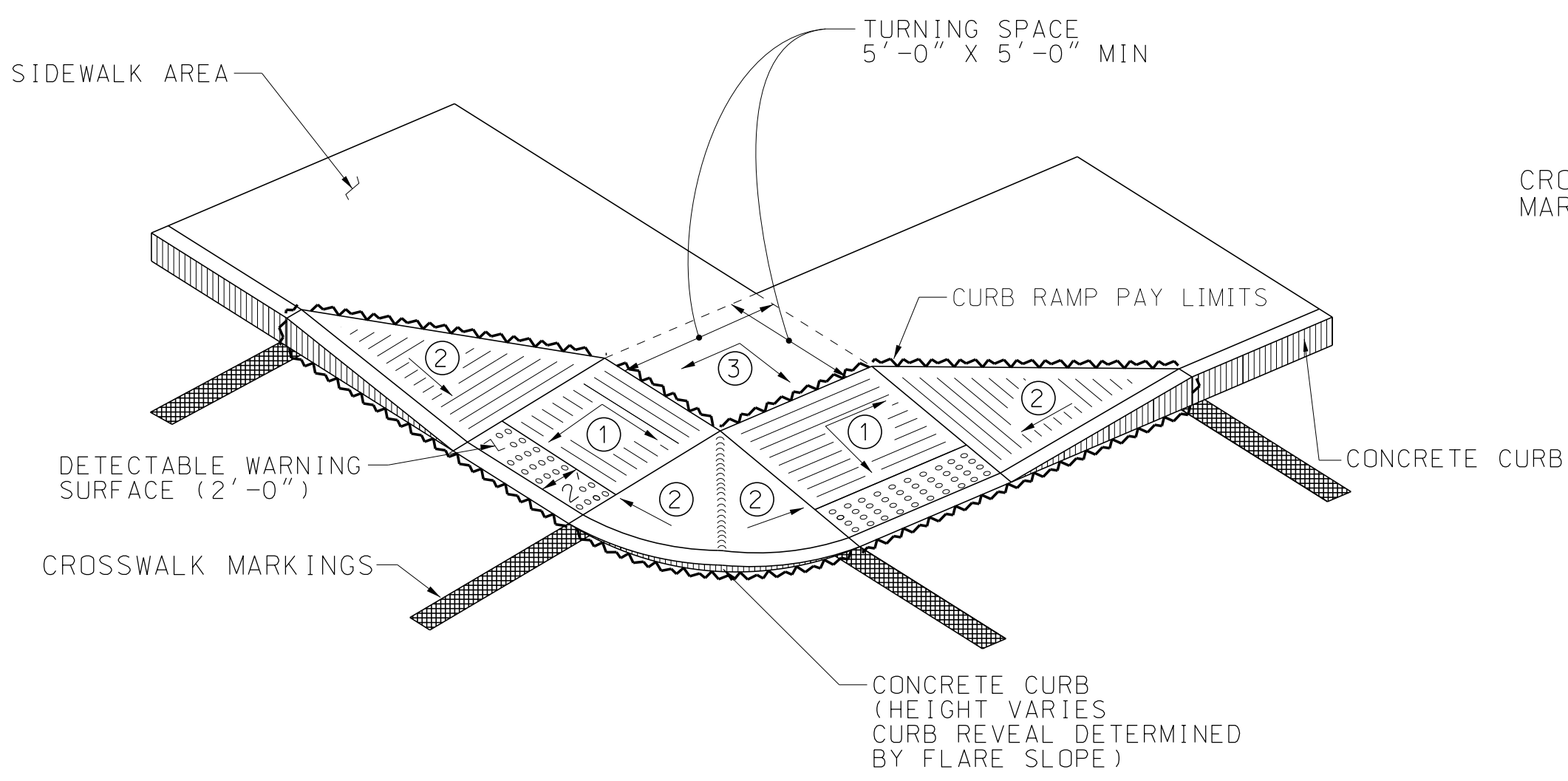
TYPE 3: PERPENDICULAR CORNER



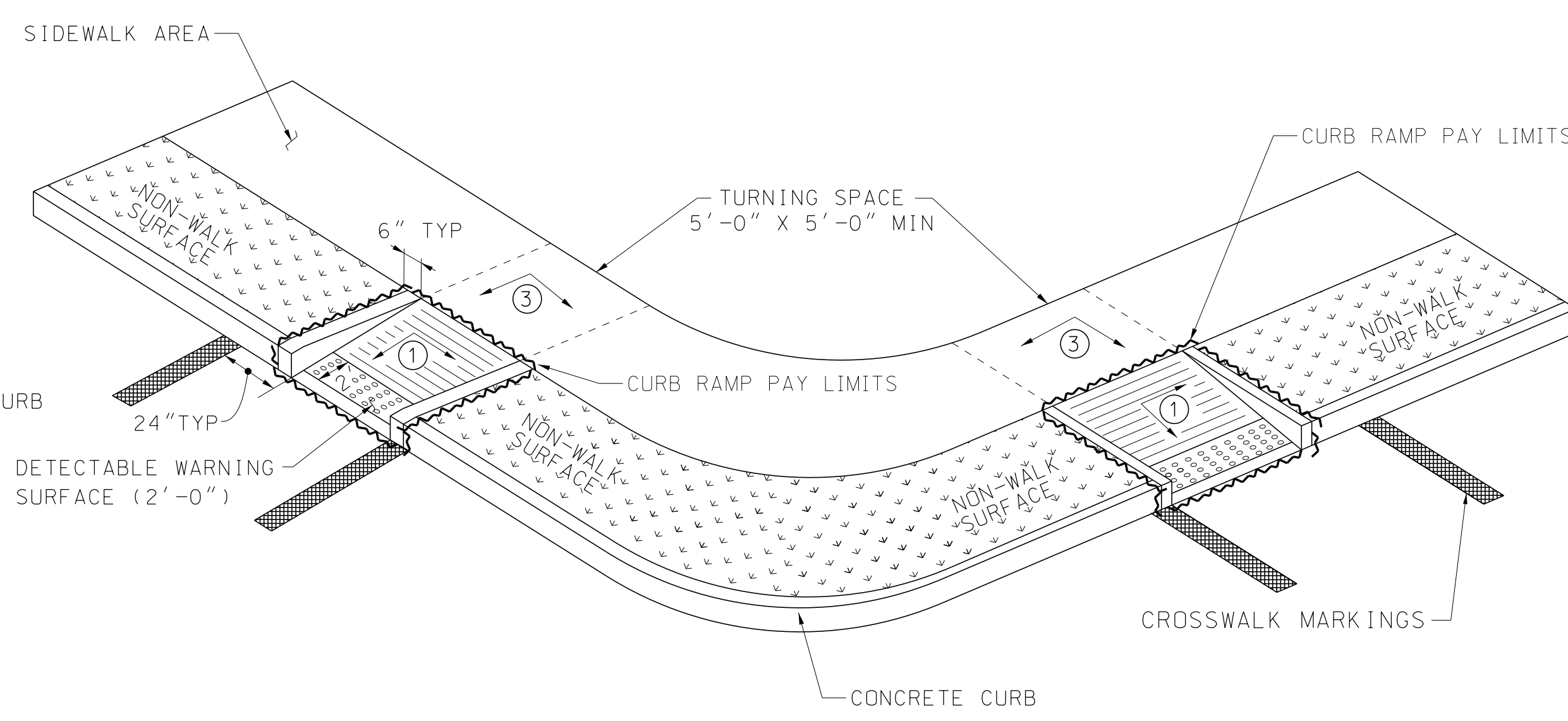
TYPE 3C: PERPENDICULAR CORNER



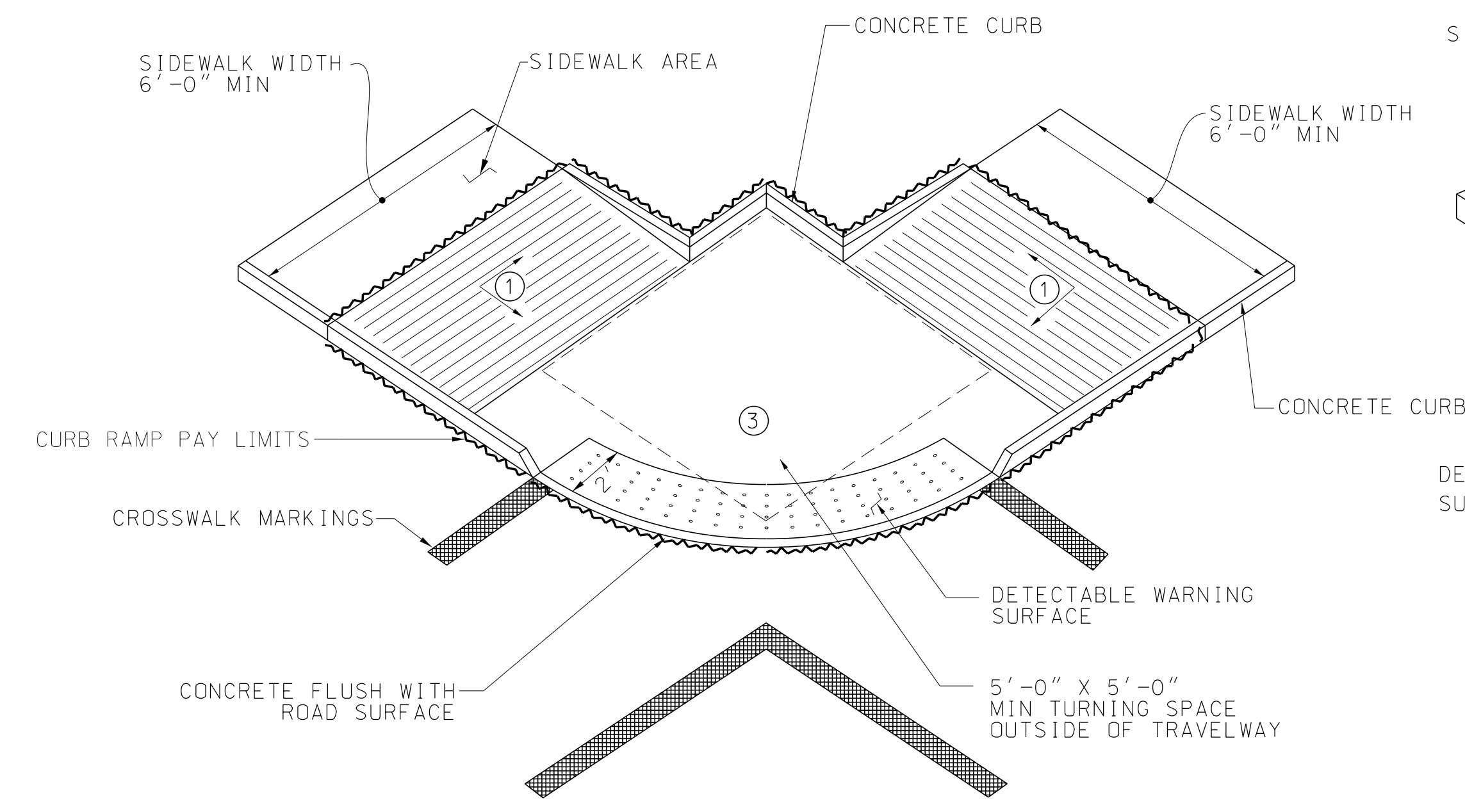
TYPE 1A: PARALLEL CORNER



TYPE 3A: PERPENDICULAR CORNER



TYPE 3B: PERPENDICULAR CORNER

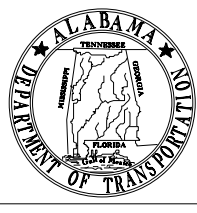


TYPE 2: BLENDED CORNER

•SEE SHEET 1 OF 4 FOR DETAIL CALL OUTS ①, ②, ③.
 •SEE SHEET 1 OF 4 FOR GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS.

--SPECIFICATIONS--
 CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

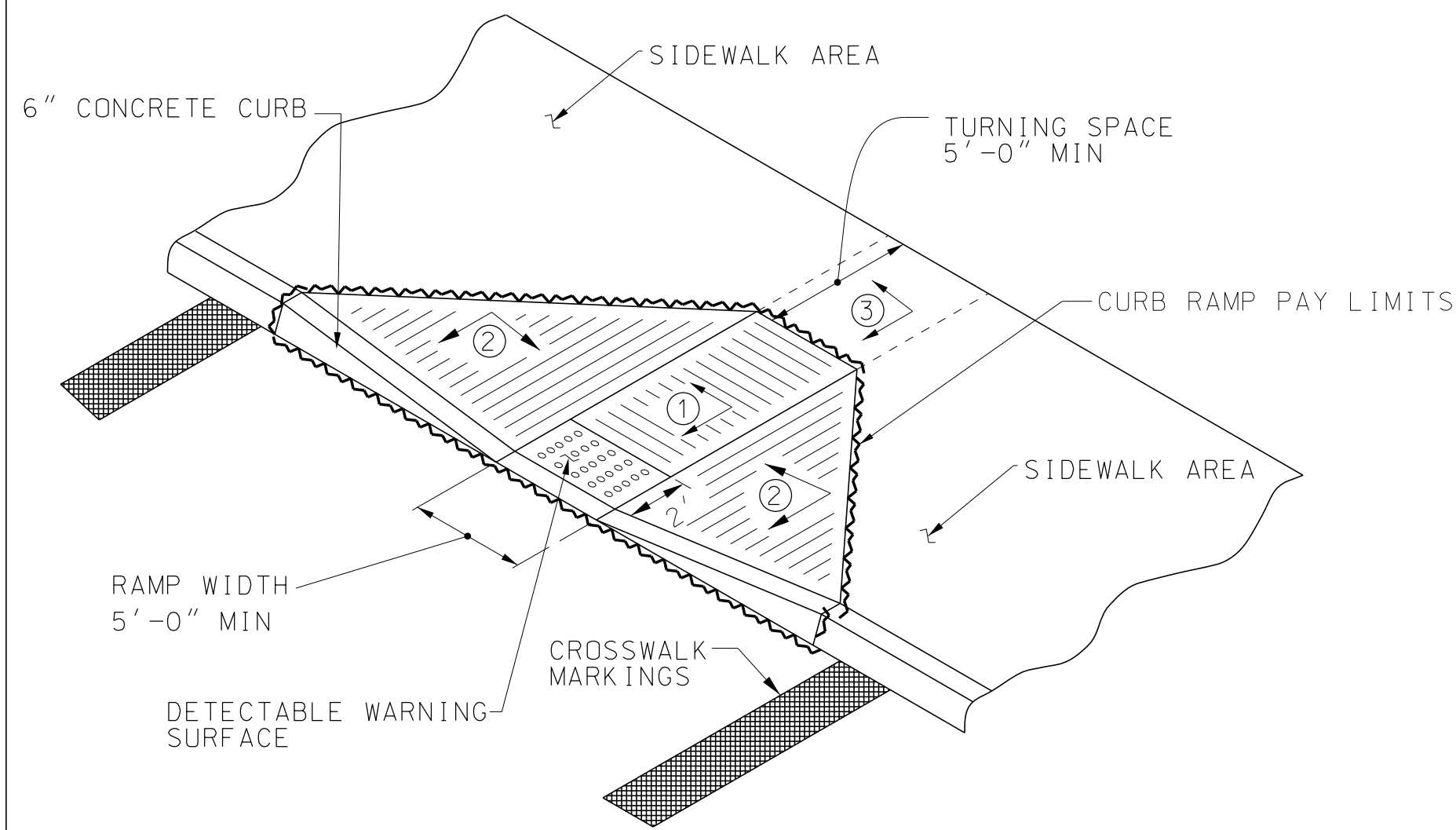
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REVISIONS 10/25/18 CHANGED CALL OUT 4 TO 3, O.L.O. REVISED SIDEWALK WIDTH TO 45\"/>	 ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	DESIGN BUREAU SPECIAL DRAWING CORNER CURB RAMPS
06/21/19 IDENTIFIED CURB RAMP PAY LIMITS, CHANGED CURB TO 5\"/>		SPECIAL DRAWING NO. SW-618 (SHEET 2 OF 4)

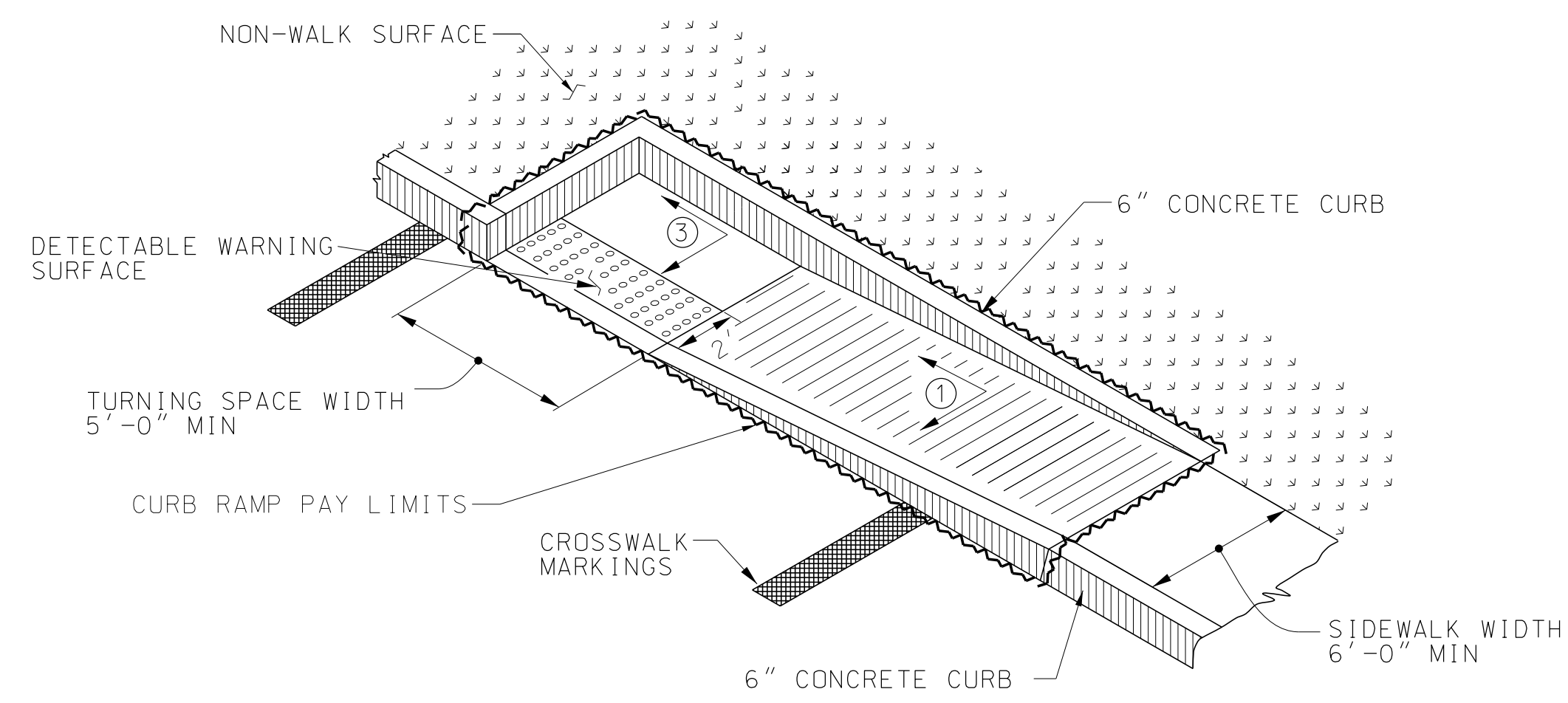
Bureau Std Engr: DJW
 DRAWN BY: DATE DRAWN:

NOT TO SCALE

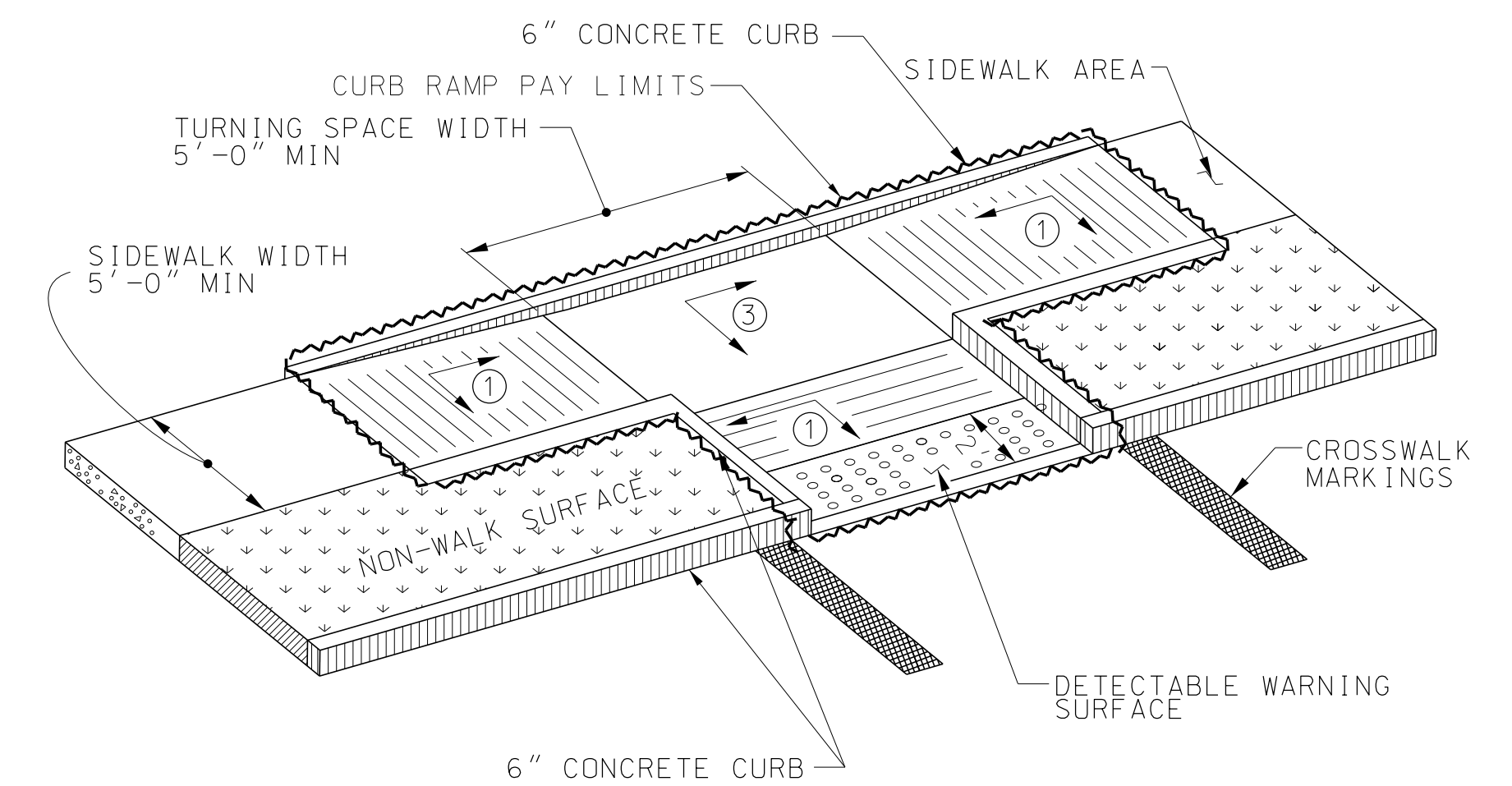
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



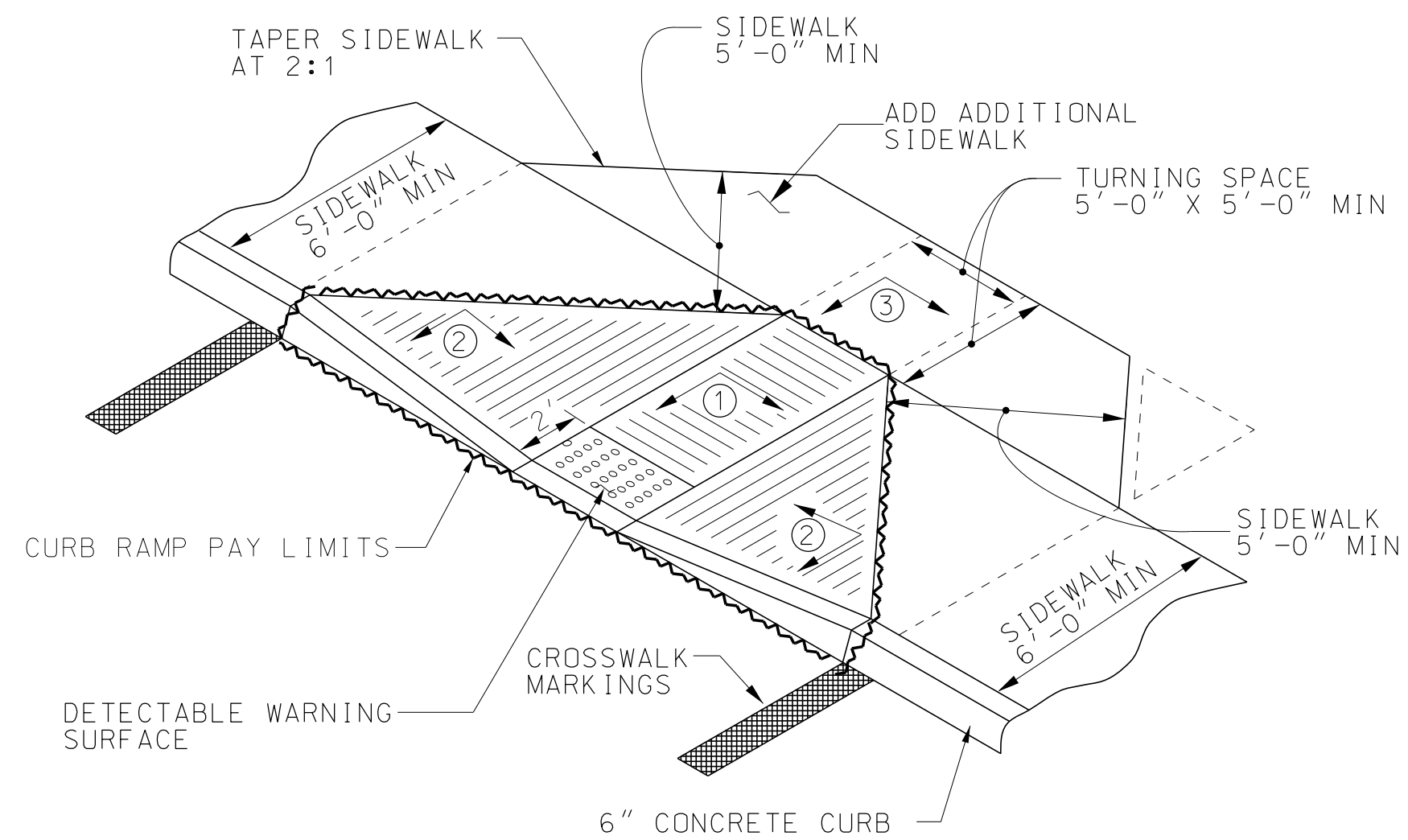
TYPE 1: PERPENDICULAR MIDBLOCK



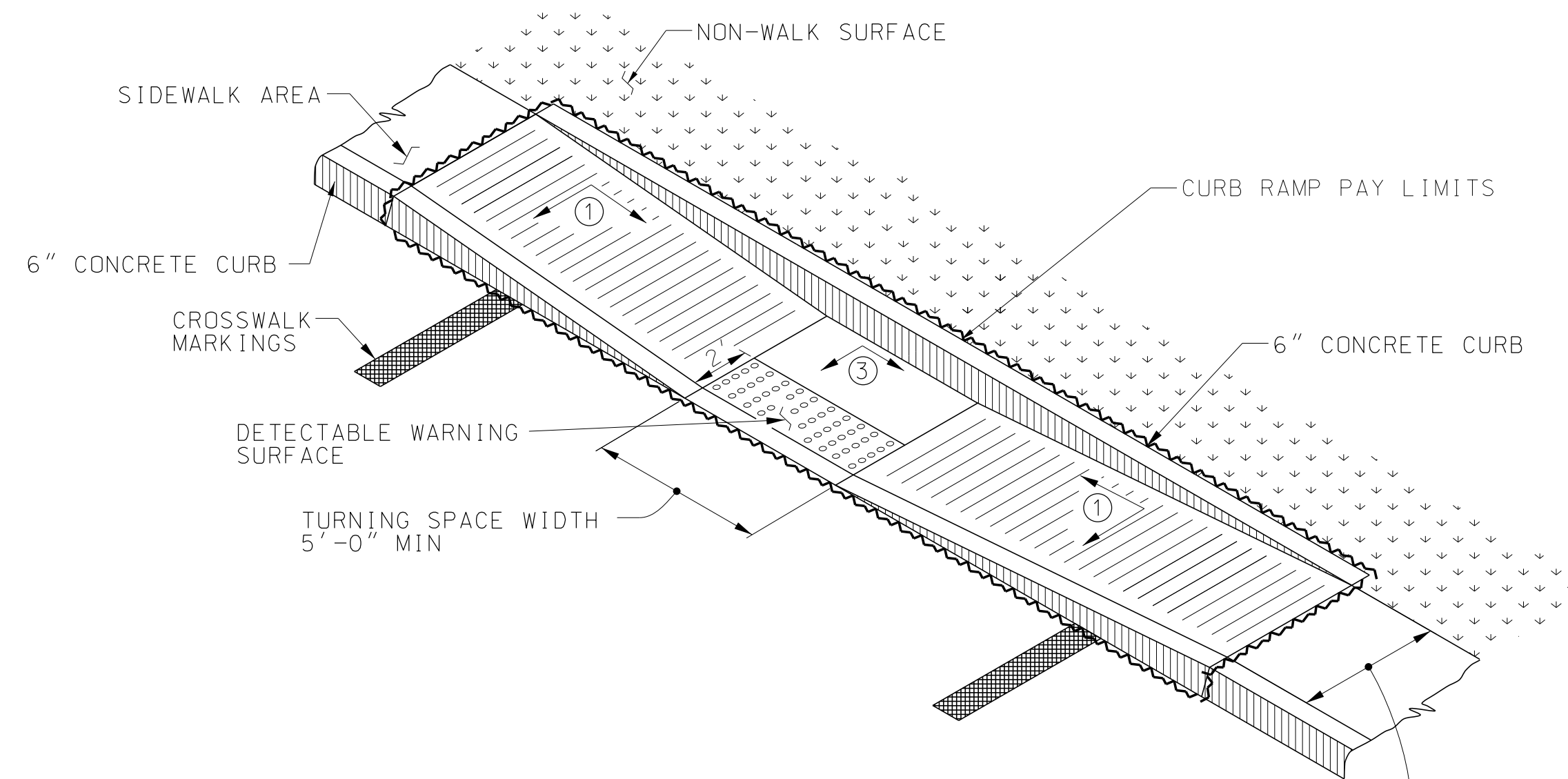
TYPE 2: PARALLEL MIDBLOCK



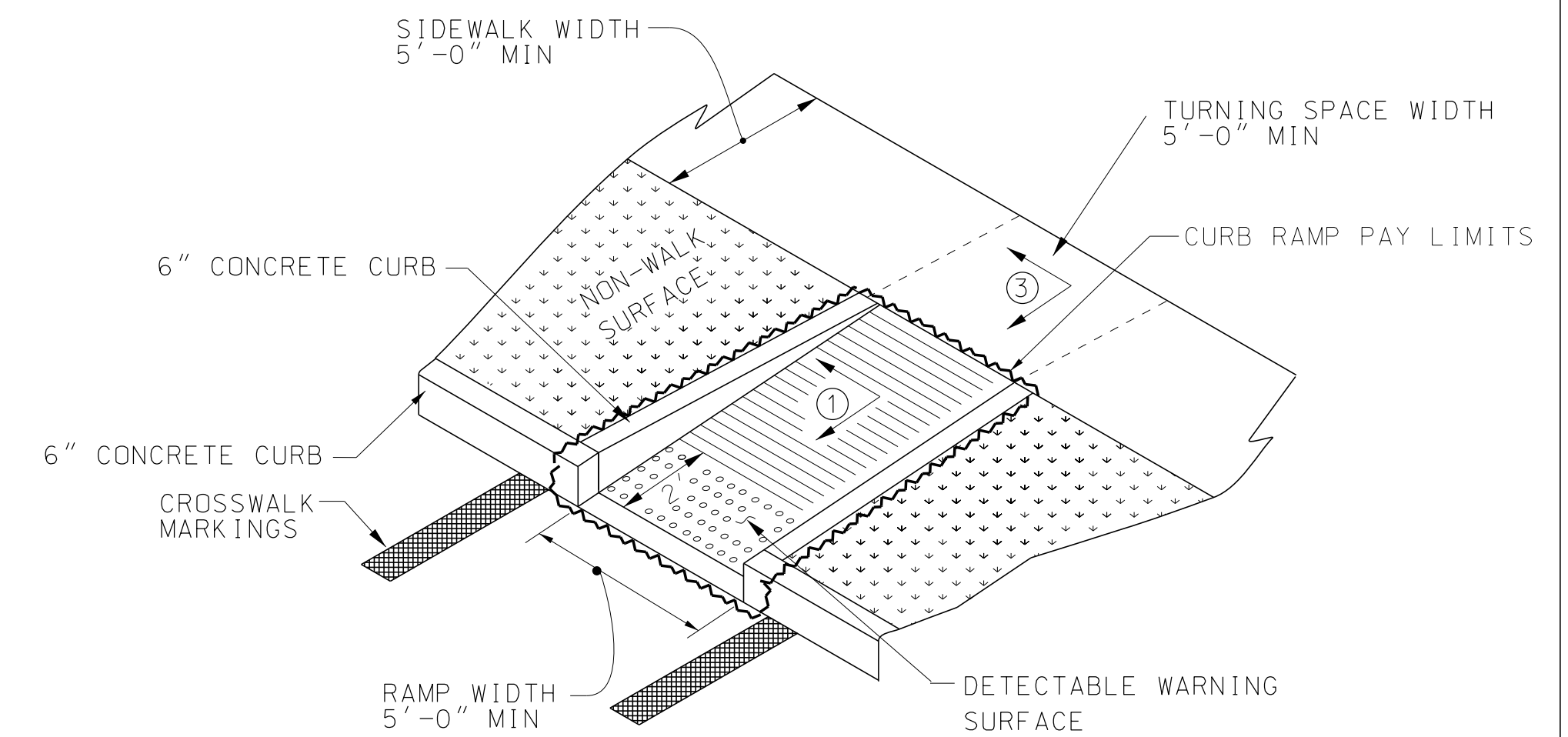
TYPE 3: COMBINATION MIDBLOCK



TYPE 1A: PERPENDICULAR MIDBLOCK



TYPE 2A: PARALLEL MIDBLOCK



TYPE 4: PERPENDICULAR MIDBLOCK

•SEE SHEET 1 OF 4 FOR DETAIL CALL OUTS ①, ②, ③.
•SEE SHEET 1 OF 4 FOR GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS	
10/25/18	REVISED SIDEWALK WIDTH TO 5' MIN AND 6' MIN ALONG CURB.
04/22/19	IDENTIFIED CURB RAMP PAY LIMITS AND STRENGTHENED UP WISE CALLOUTS AND LABELS BY DW.



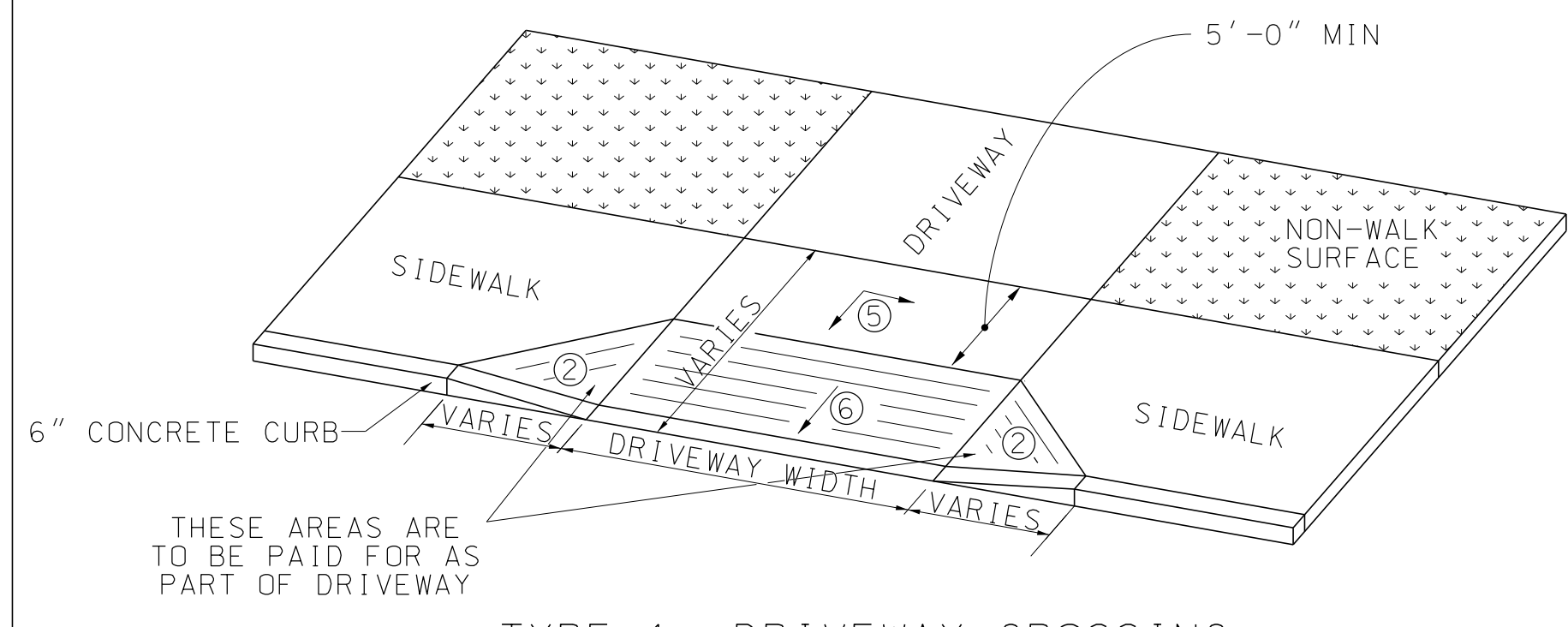
ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

MIDBLOCK CURB RAMPS

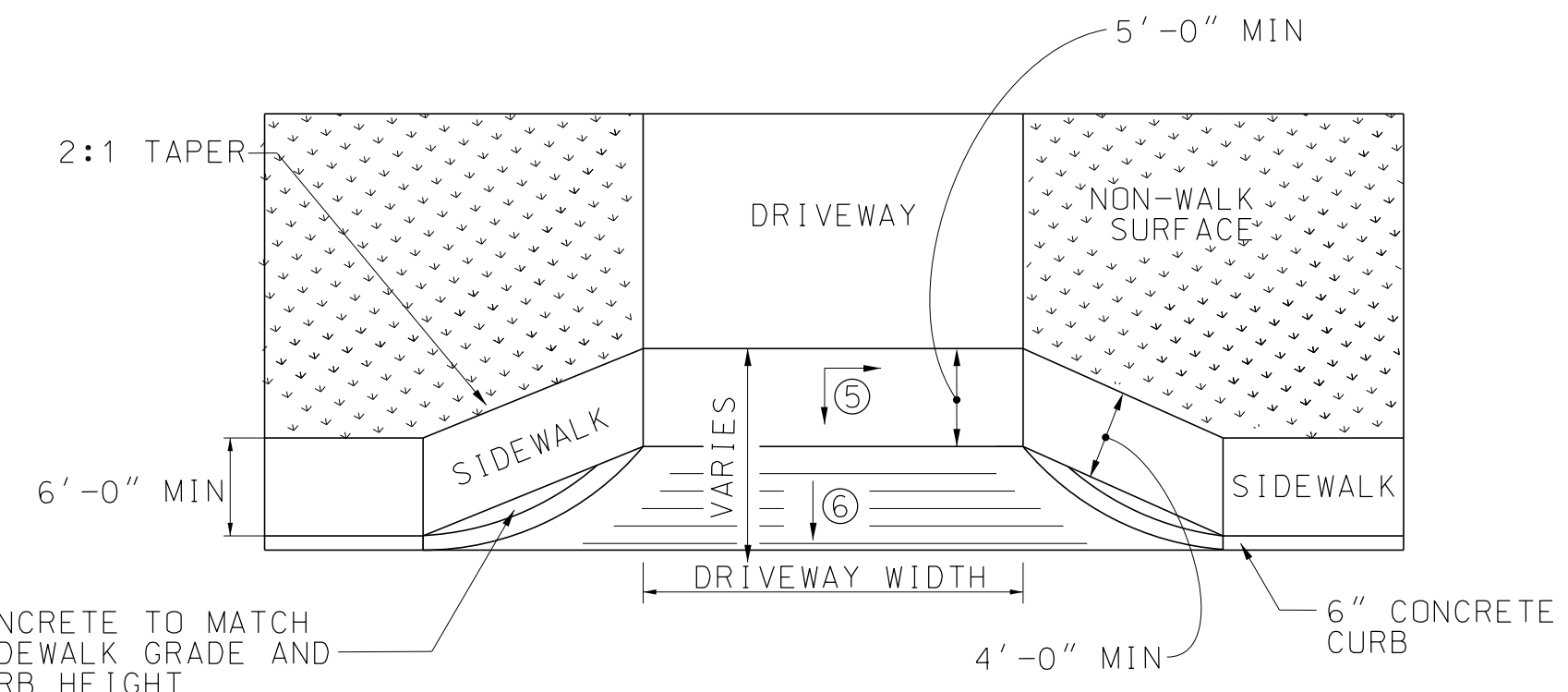
Bureau Std Engr: DJW	SPECIAL DRAWING NO.	INDEX NO.
DRAWN BY: _____ DATE DRAWN: _____	SW-618 (SHEET 3 OF 4)	61803

NOT TO SCALE



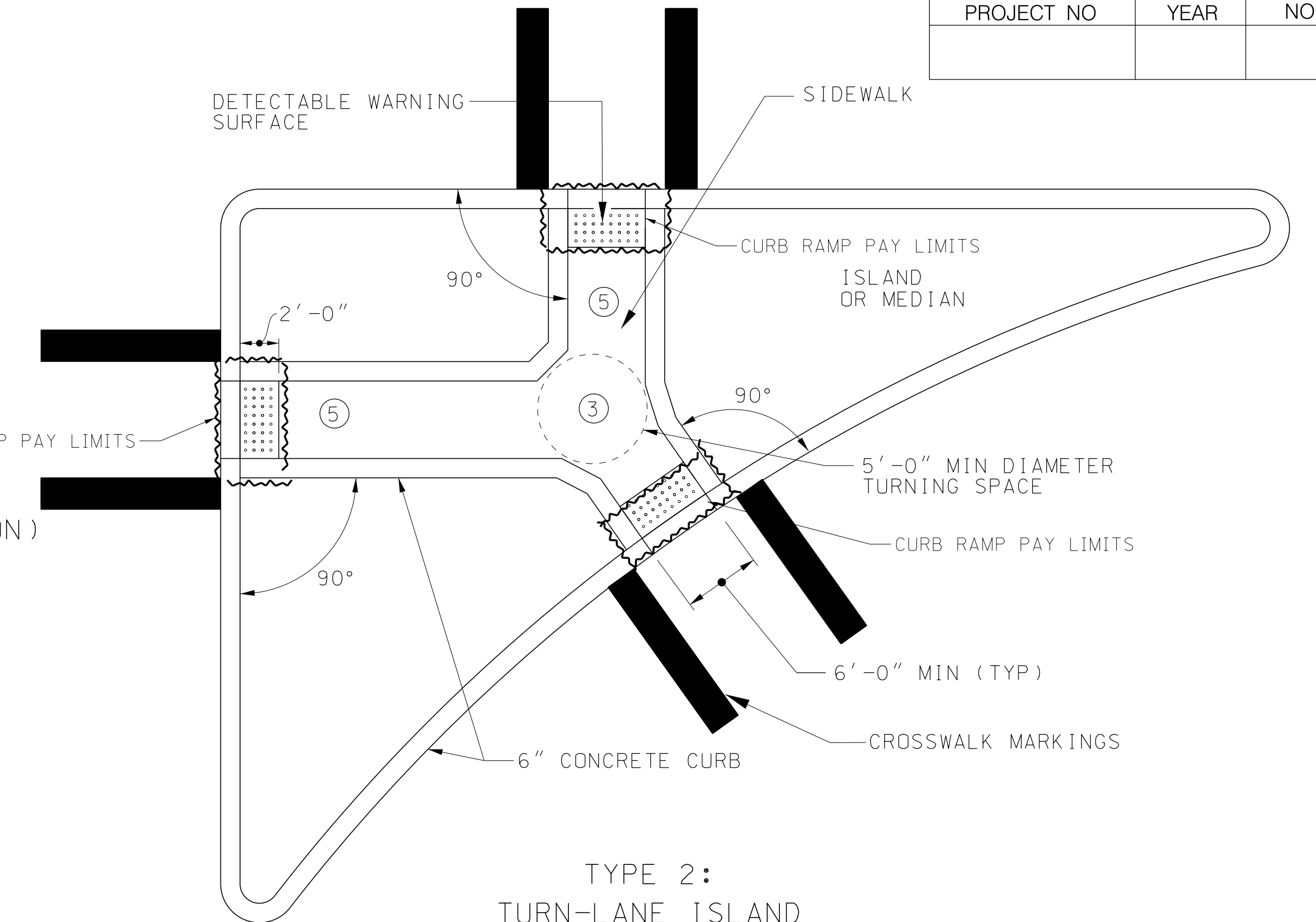
TYPE 1: DRIVEWAY CROSSING

(NOTE: DRIVEWAY AND SIDEWALK SURFACES AT SAME ELEVATION)

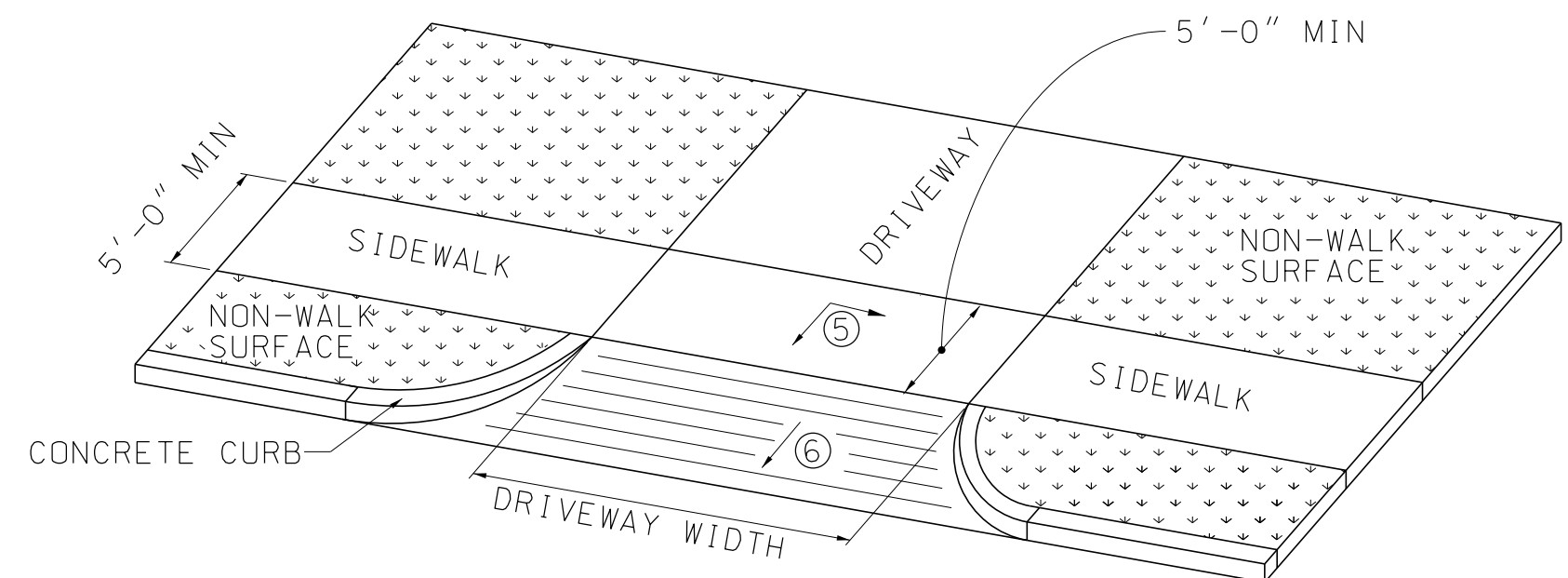


TYPE 4: DRIVEWAY CROSSING

(NOTE: DRIVEWAY AND SIDEWALK SURFACES AT SAME ELEVATION)

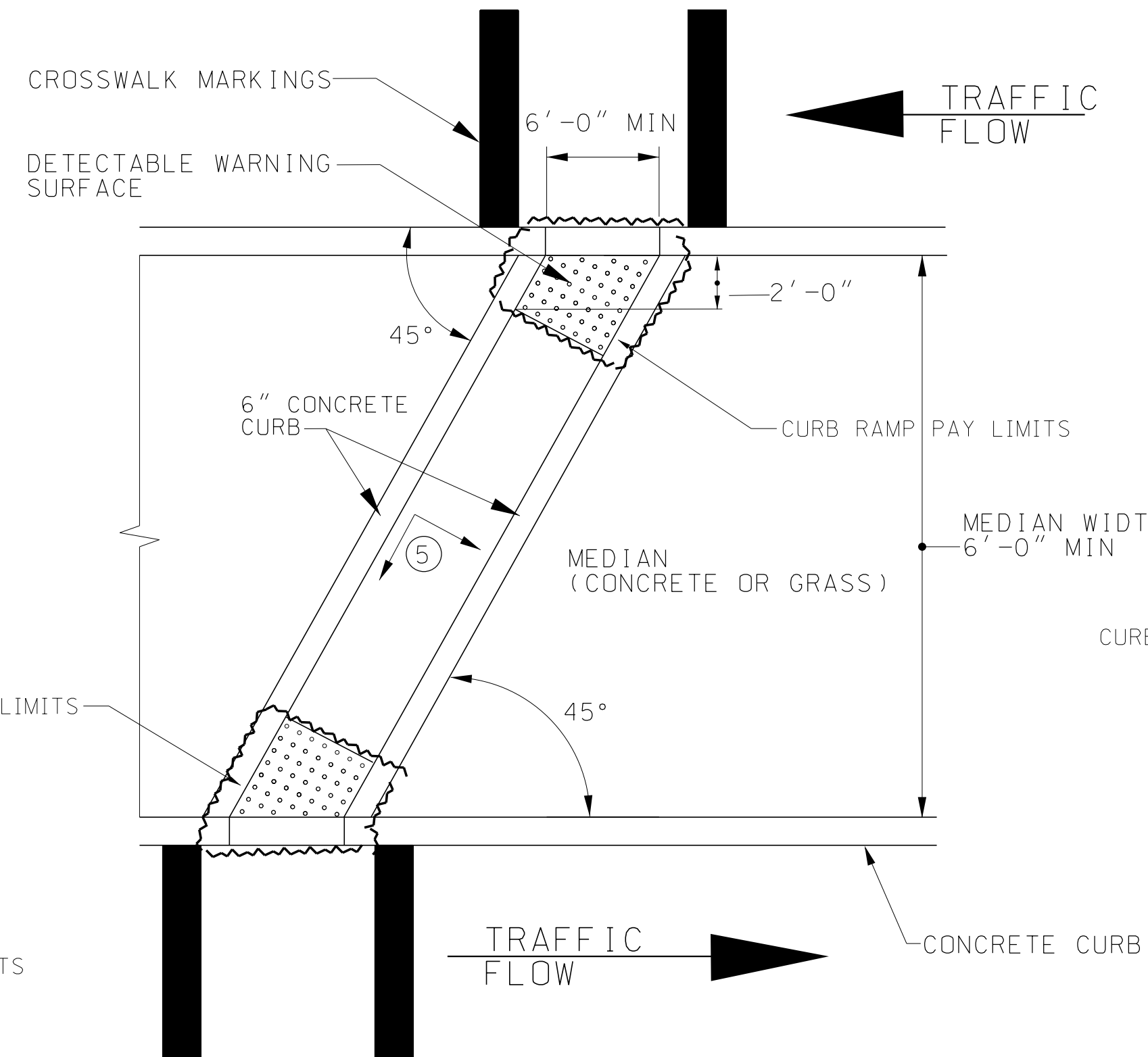


TYPE 2:
TURN-LANE ISLAND
CUT-THROUGH OPENING

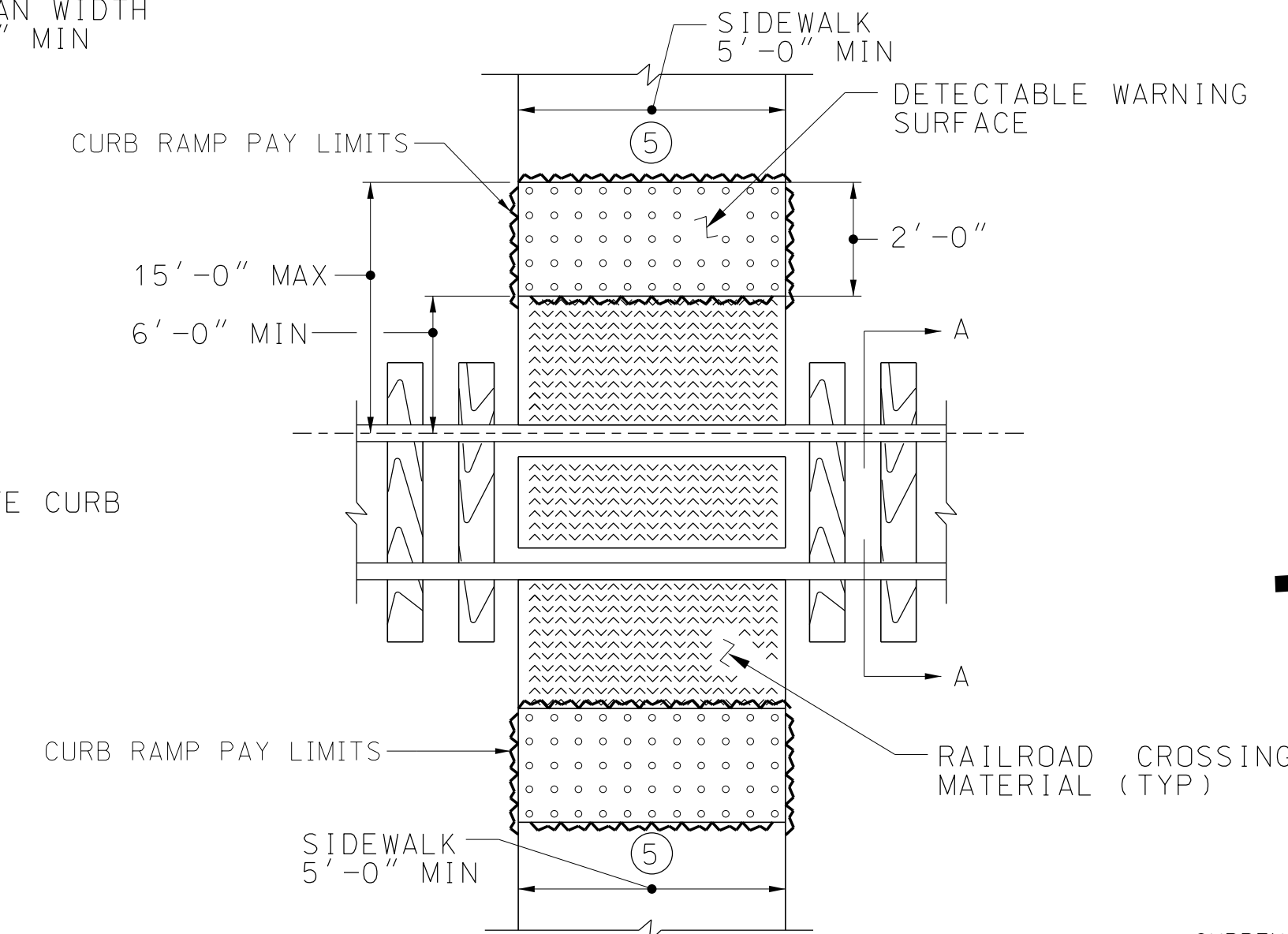


TYPE 2: DRIVEWAY CROSSING

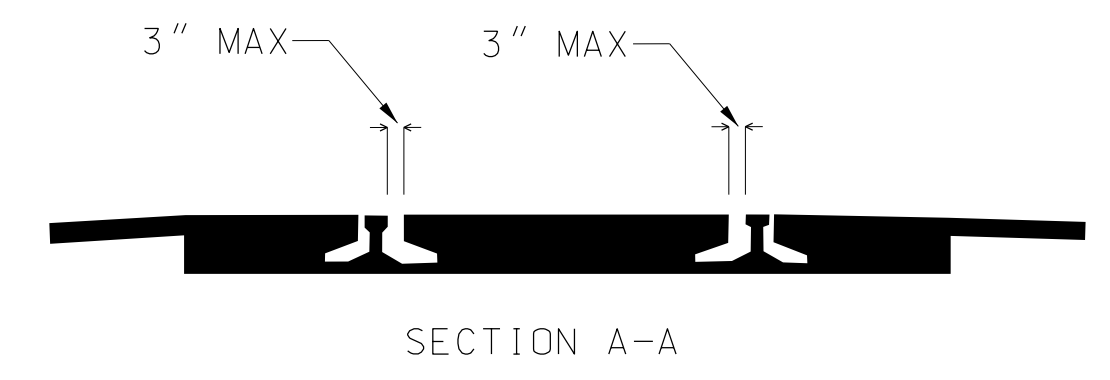
(NOTE: DRIVEWAY AND SIDEWALK SURFACES AT SAME ELEVATION)



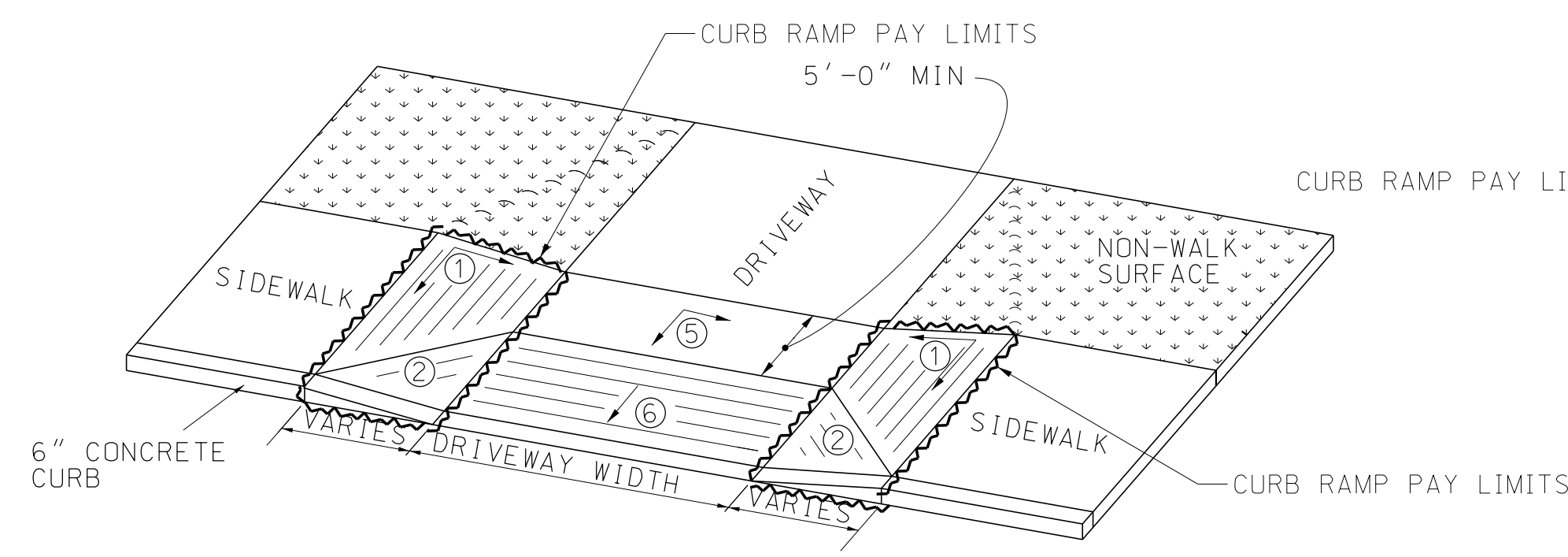
TYPE 1:
MEDIAN OR ISLAND
CUT-THROUGH OPENING



TYPE 3:
RAILROAD CROSSING

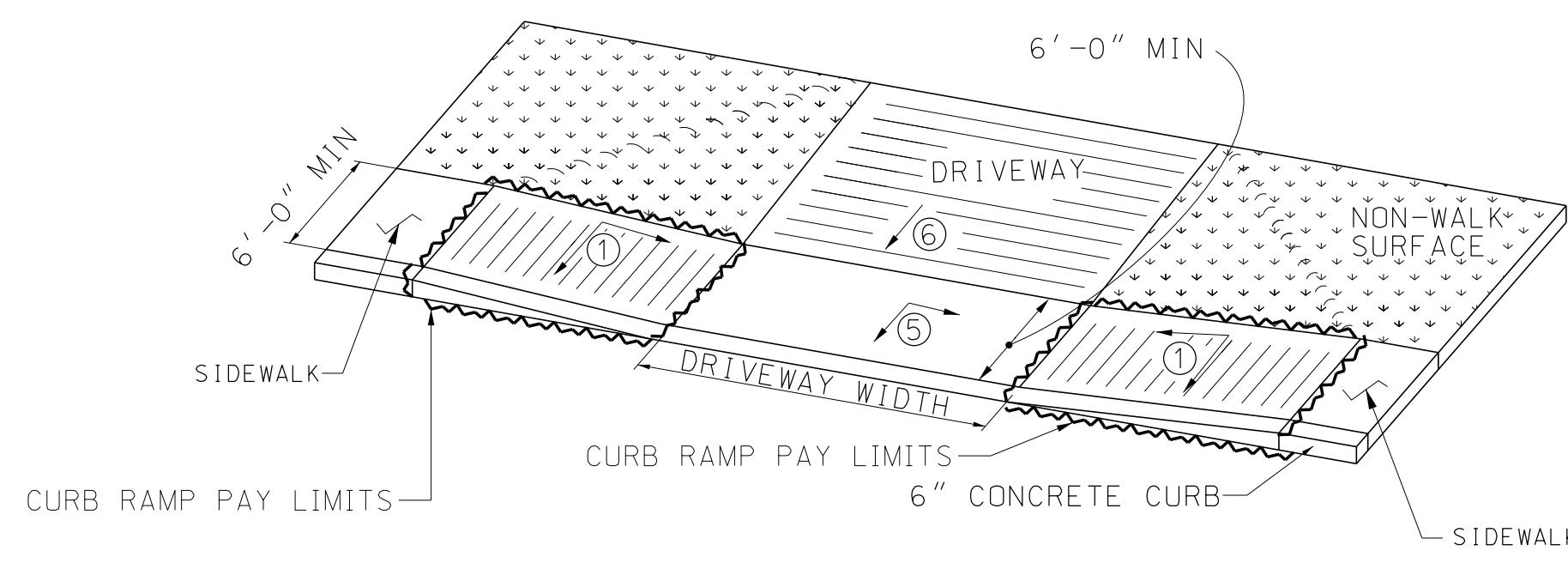


SECTION A-A



TYPE 3: DRIVEWAY CROSSING

(NOTE: DRIVEWAY SURFACE AT LOWER ELEVATION THAN SIDEWALK SURFACE)



TYPE 3A: DRIVEWAY CROSSING

(NOTE: DRIVEWAY SURFACE AT LOWER ELEVATION THAN SIDEWALK SURFACE)

•SEE SHEET 1 OF 4 FOR DETAIL CALL OUTS ①, ②, ③, ⑤, ⑥.
•SEE SHEET 1 OF 4 FOR GENERAL NOTES FOR CURB RAMPS AND SIDEWALKS.

--SPECIFICATIONS--
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REVISIONS	C.I.D.
10/25/18 REVISED SIDEWALK WIDTH TO 5'-0" MIN. FOR ISLAND CUT-THROUGH TO SHOW 45 DEGREE ANGLE.	
06/21/19 IDENTIFIED CURB RAMP PAY LIMITS	
08/29/19 CLEANUP OF MISC CALLOUTS	

ALABAMA DEPARTMENT OF TRANSPORTATION
1409 COLISEUM BOULEVARD
MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

SIDEWALKS & CURB RAMPS AT DRIVEWAYS, RAILROAD, MEDIAN, & ISLAND CROSSINGS

Bureau Std Engr: DJW
DRAWN BY: _____ DATE DRAWN: _____

SPECIAL DRAWING NO. SW-618 (SHEET 4 OF 4) INDEX NO. 61804

NOT TO SCALE