

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

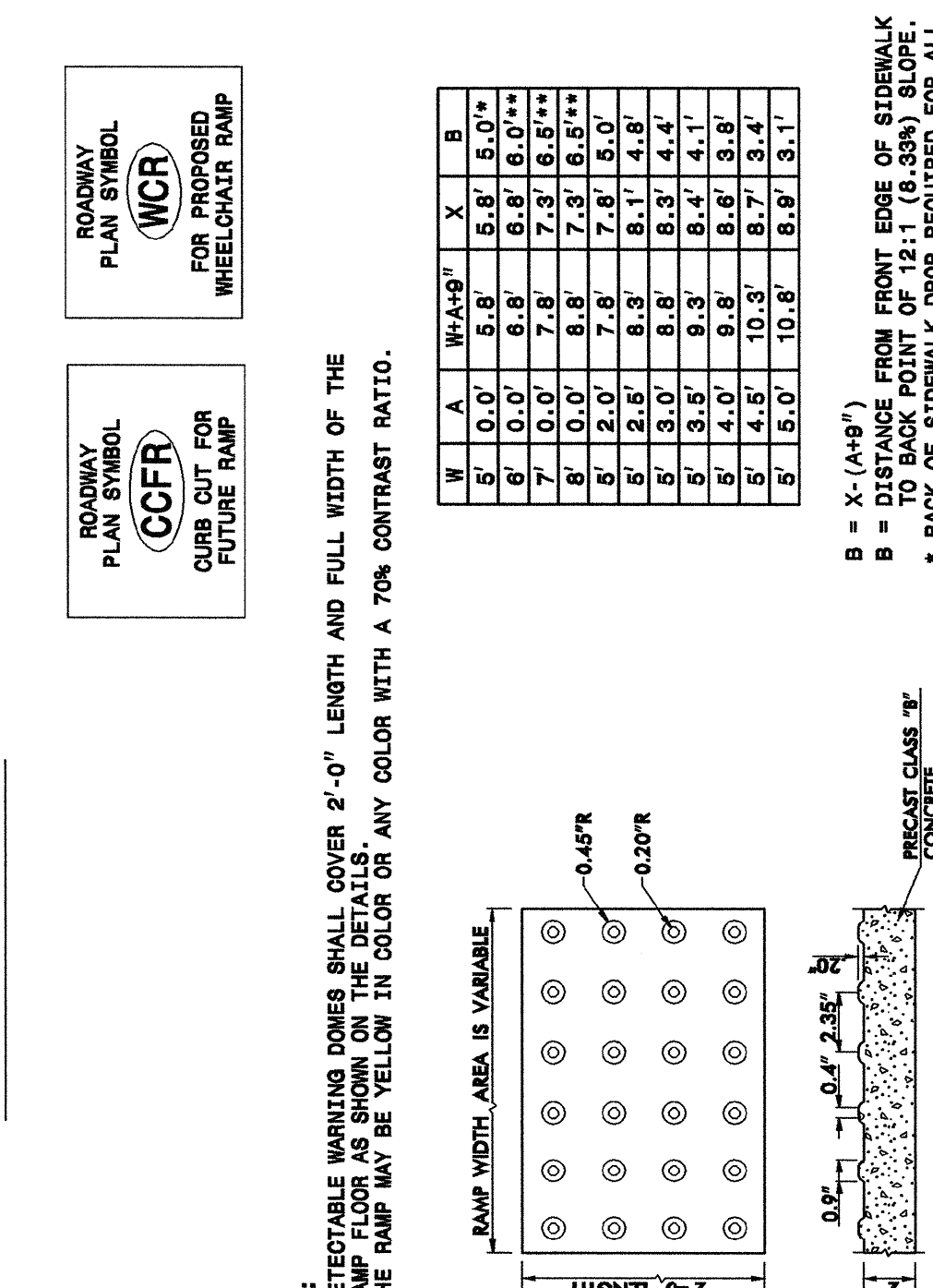
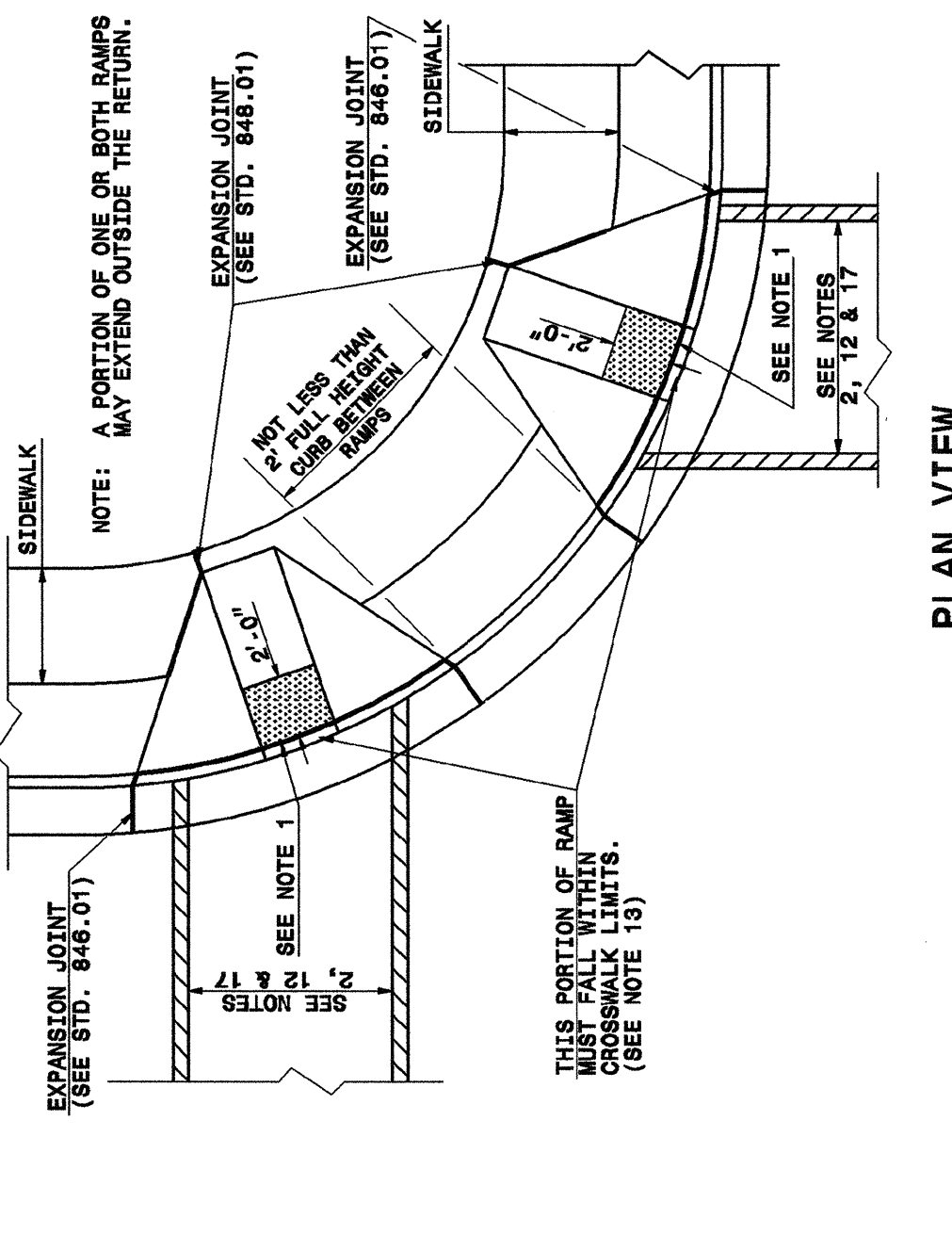
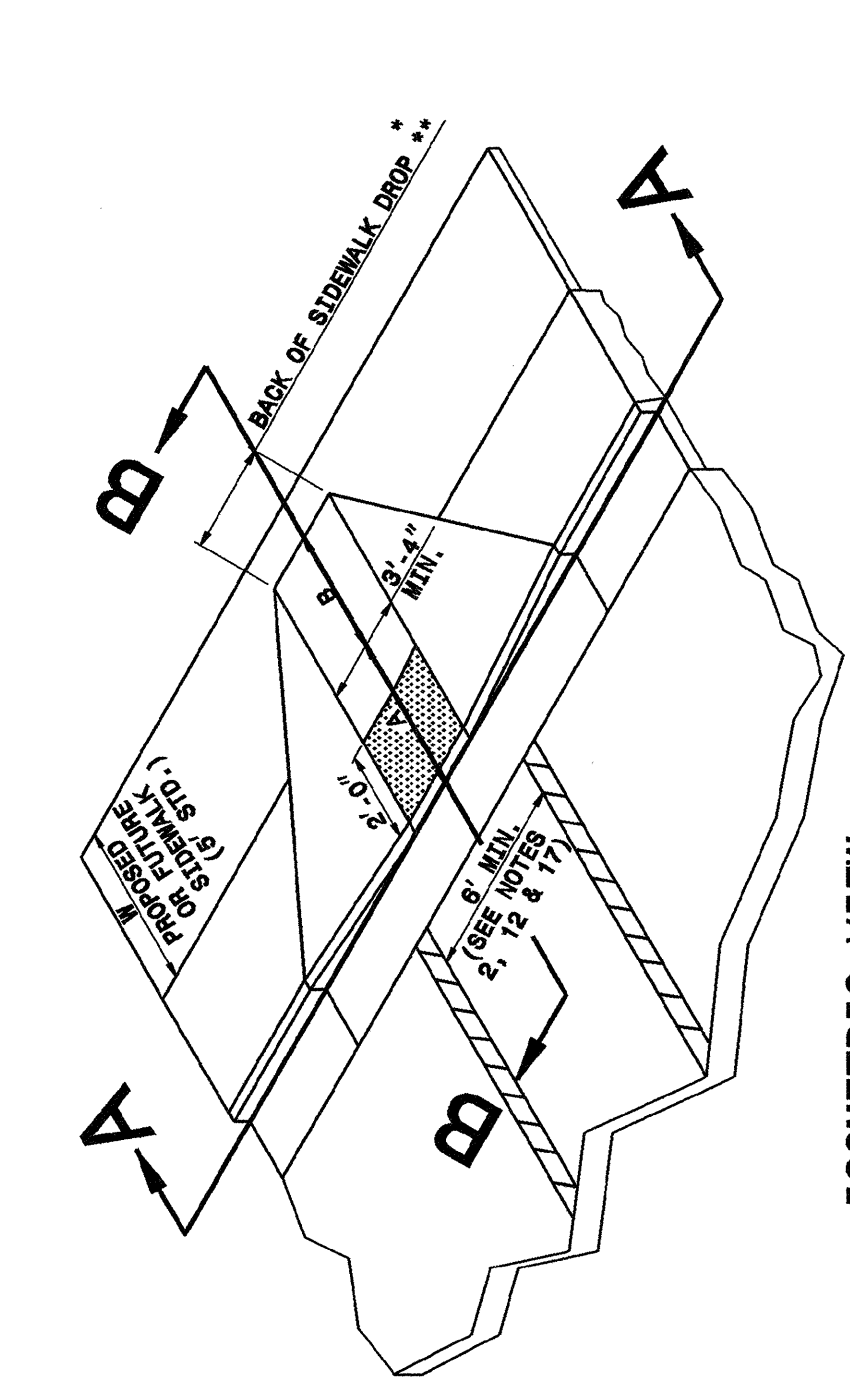
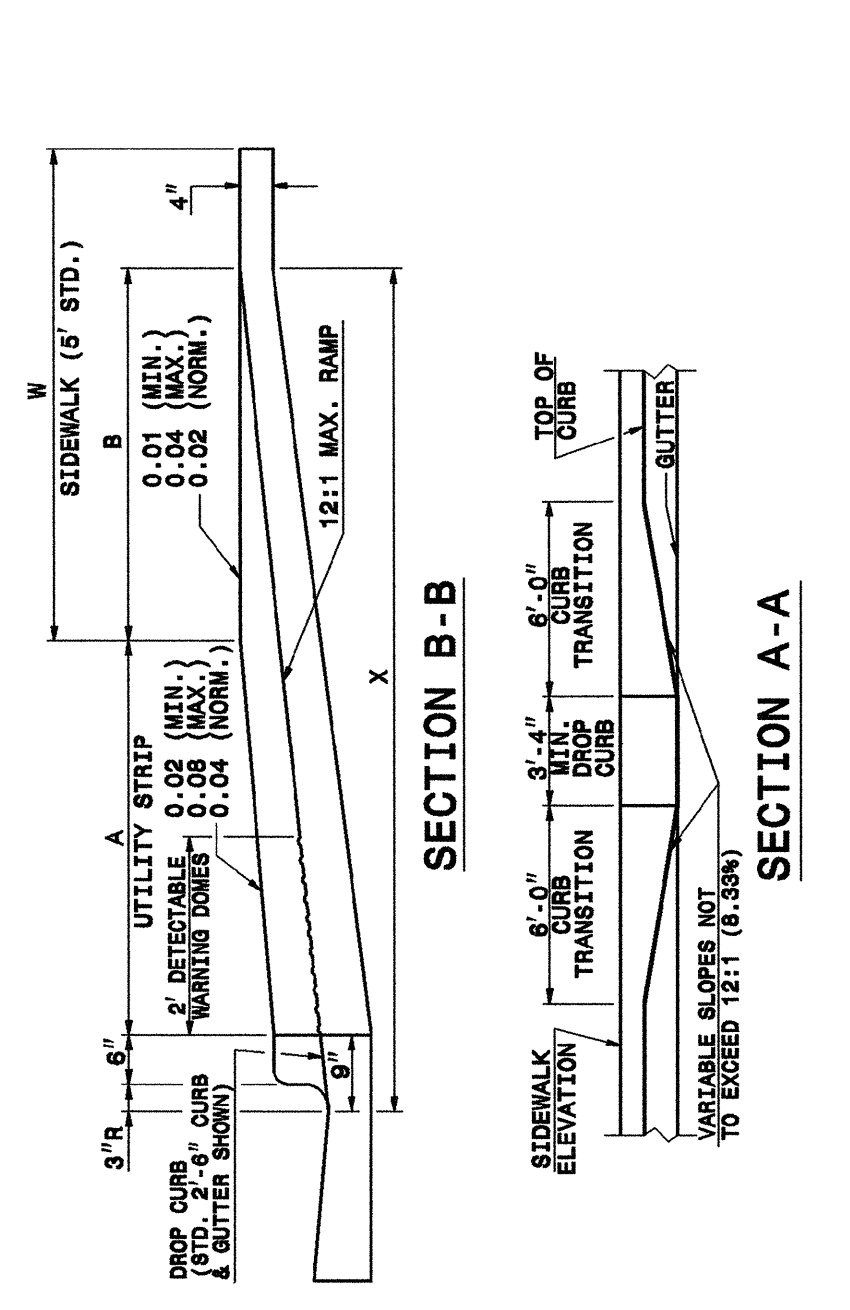
ENGLISH DETAIL DRAWING FOR
WHEELCHAIR RAMP
 CURB CUT

SHEET 1 OF 4
848D05

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ENGLISH DETAIL DRAWING FOR
WHEELCHAIR RAMP
 CURB CUT

SHEET 1 OF 4
848D05



PLAN VIEW
 DUAL RAMPS
 ANY RADIUS
 (40" MIN. FLOOR WIDTH)

ISOMETRIC VIEW
 DETECTABLE WARNING DOMES

NOTES:
 1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP. THE RAMP SHALL BE YELLOW IN COLOR OR ANY COLOR WITH A 70% CONTRAST RATIO.
 2. THE RAMP MAY BE YELLOW IN COLOR OR ANY COLOR WITH A 70% CONTRAST RATIO.

W	A	W/A(9")	X	B
6	0.0'	5.8	5.8	5.0'
7	0.0'	5.8	7.3	6.5'
8	0.0'	6.8	7.3	6.5'
9	2.0'	7.8	7.8	5.0'
10	2.5'	8.3	8.3	4.4'
11	3.0'	8.8	8.3	4.4'
12	3.5'	9.3	8.4	4.1'
13	4.0'	9.8	8.6	3.8'
14	4.5'	10.3	8.7	3.4'
15	5.0'	10.8	8.9	3.1'

B = X - (.448")
 B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (6.93%) SLOPE.
 * BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
 ** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.

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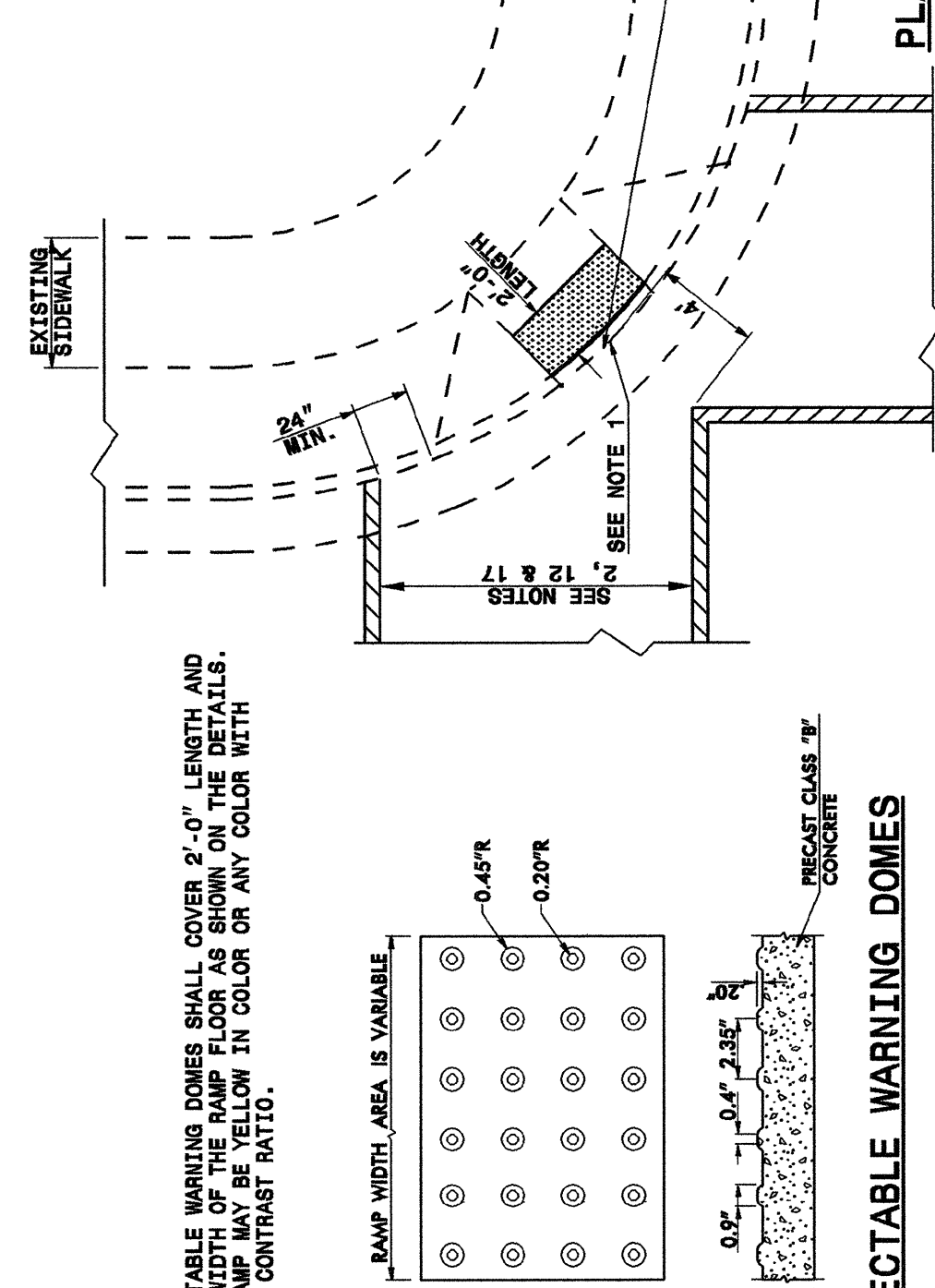
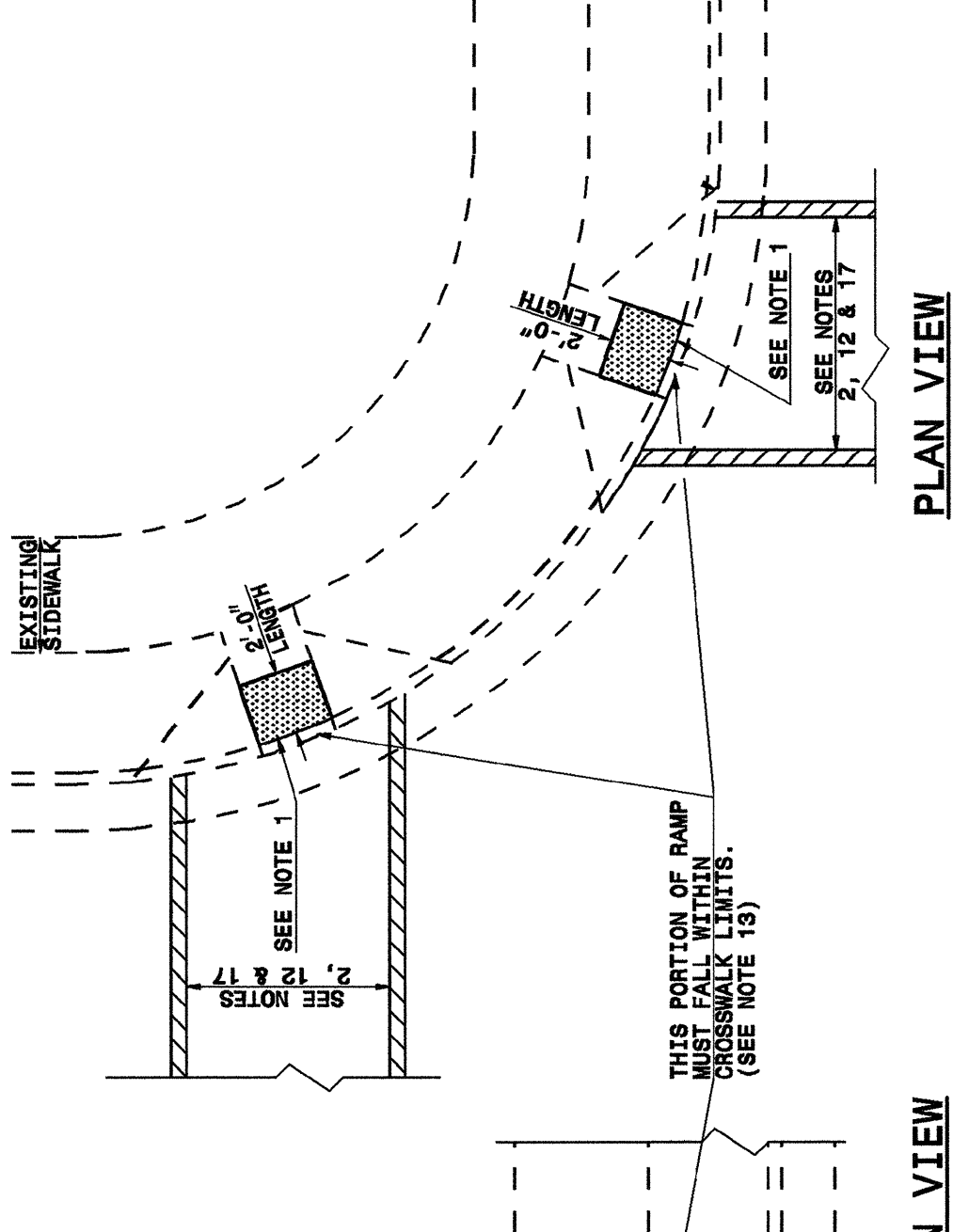
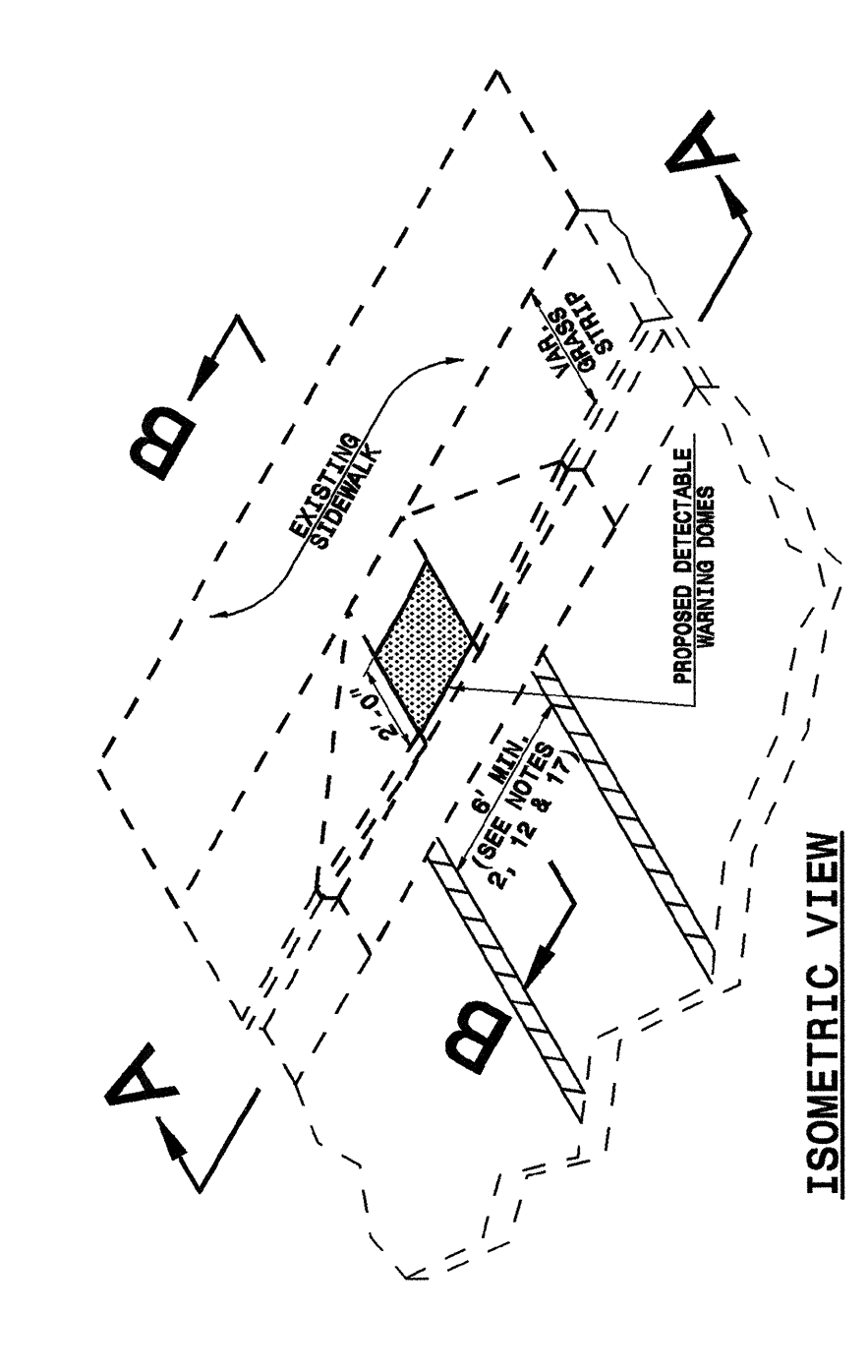
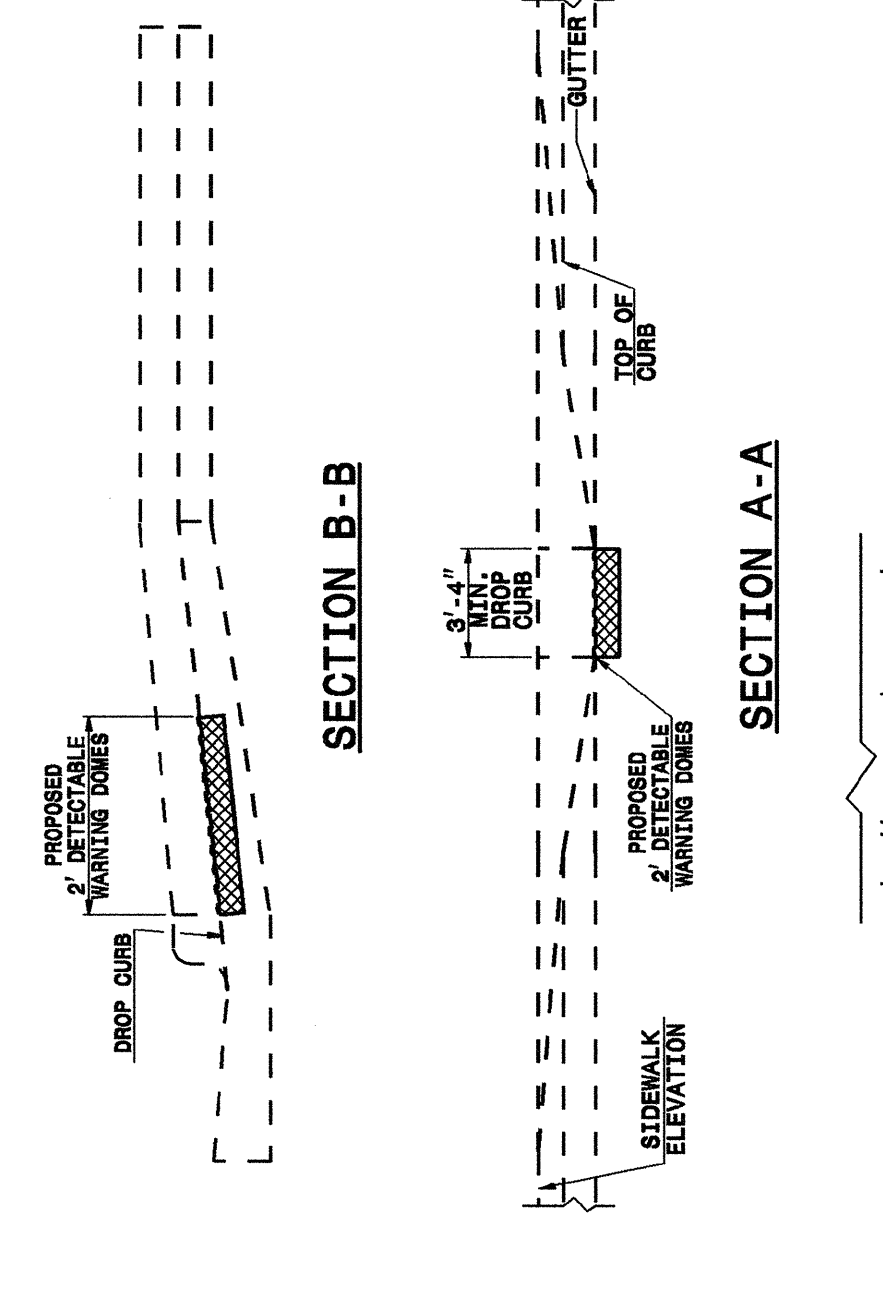
ENGLISH DETAIL DRAWING FOR
RETROFITTING DETECTABLE WARNING DOMES
 ONTO EXISTING WHEELCHAIR RAMP
 CURB CUT

SHEET 2 OF 4
848D05

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
RETROFITTING DETECTABLE WARNING DOMES
 ONTO EXISTING WHEELCHAIR RAMP
 CURB CUT

SHEET 2 OF 4
848D05



PLAN VIEW
 DIAGONAL RAMPS
 MAX. 25' RADIUS
 (60" MIN. FLOOR WIDTH)

ISOMETRIC VIEW
 DETECTABLE WARNING DOMES

NOTES:
 1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS. THE RAMP SHALL BE YELLOW IN COLOR OR ANY COLOR WITH A 70% CONTRAST RATIO.
 2. THE RAMP MAY BE YELLOW IN COLOR OR ANY COLOR WITH A 70% CONTRAST RATIO.

DESIGN SERVICES UNIT
 STANDARDS AND SPECIAL DESIGN
 Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

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