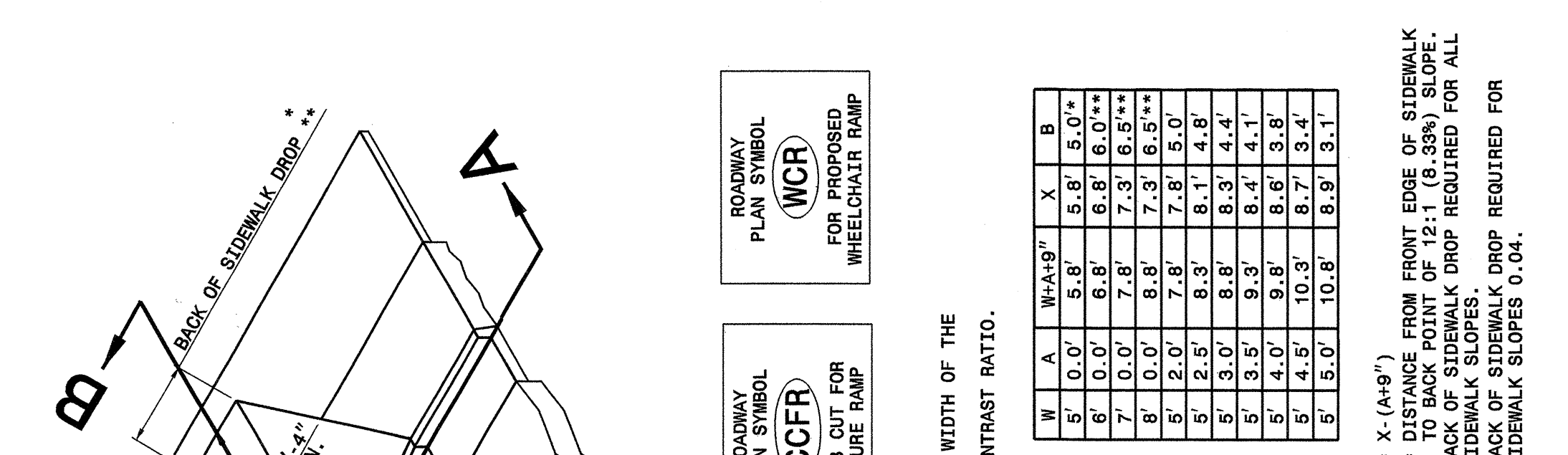
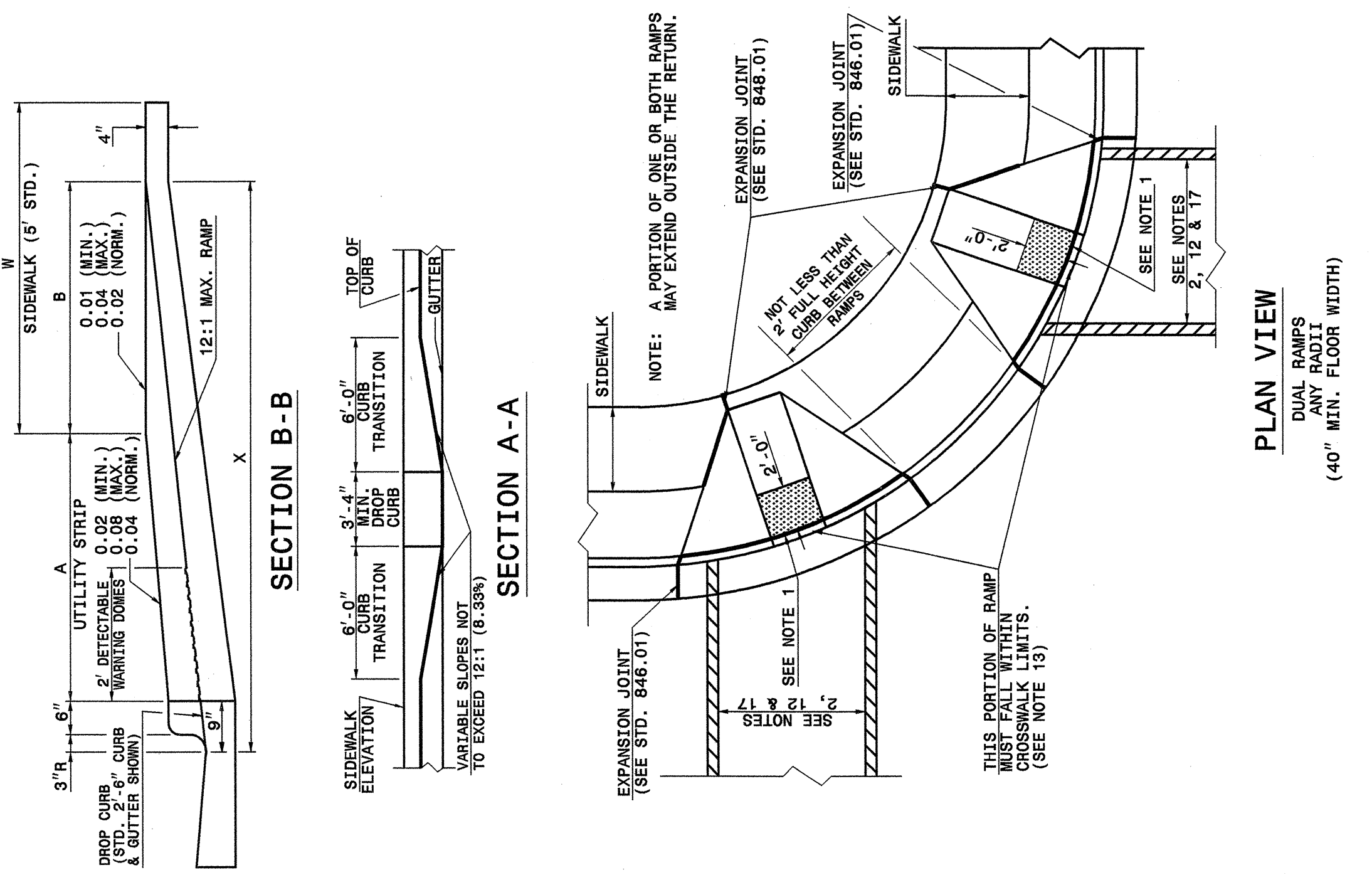


STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR WHEELCHAIR RAMP CURB CUT

SHEET 1 OF 4 848D05



ROADWAY PLAN SYMBOL (CCFR) CURB CUT FOR FUTURE RAMP

ROADWAY PLAN SYMBOL (NCR) WHEELCHAIR RAMP

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

W	A	W+A+9'	X	B
5'	0.0'	5.8'	5.8'	5.0'
6'	0.0'	6.8'	6.8'	6.0'
7'	0.0'	7.8'	7.3'	6.5'
8'	0.0'	8.8'	7.3'	6.5'
9'	2.0'	7.8'	7.8'	5.0'
9'	2.5'	8.3'	8.1'	4.8'
9'	3.0'	8.8'	8.3'	4.4'
9'	3.5'	9.3'	8.6'	3.9'
9'	4.0'	9.8'	8.6'	3.9'
9'	4.5'	10.3'	8.7'	3.4'
9'	5.0'	10.8'	8.9'	3.1'

B = X - (A+9')

B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.

* BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.

** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.

ISOMETRIC VIEW

DETECTABLE WARNING DOMES

DETECTABLE WARNING DOMES

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

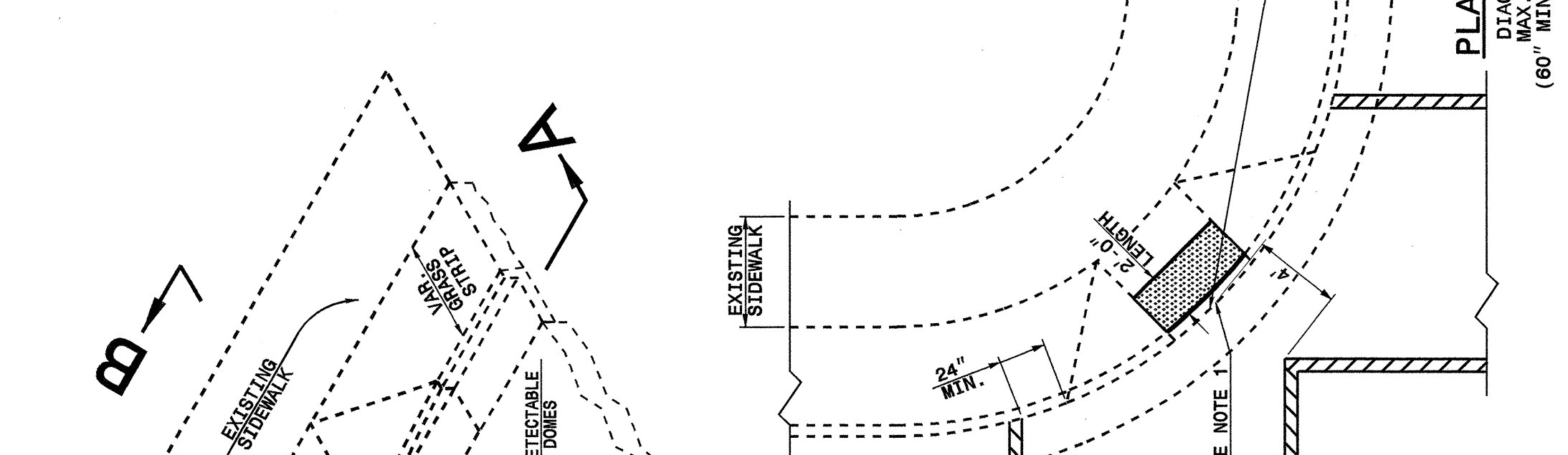
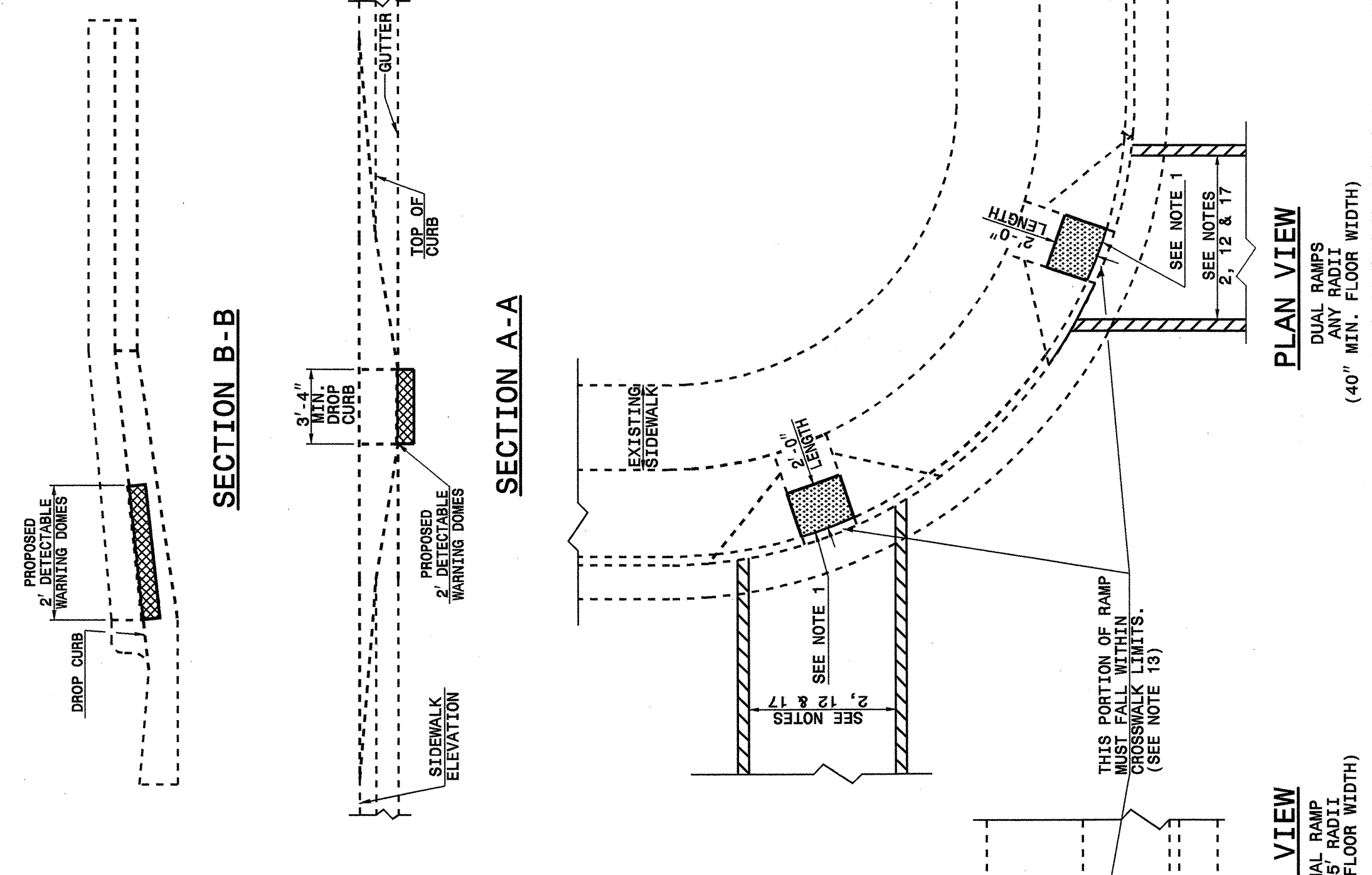
ENGLISH DETAIL DRAWING FOR WHEELCHAIR RAMP CURB CUT

SHEET 1 OF 4 848D05

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

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

SHEET 2 OF 4 848D05



ROADWAY PLAN SYMBOL (CCFR) CURB CUT FOR FUTURE RAMP

ROADWAY PLAN SYMBOL (NCR) WHEELCHAIR RAMP

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

W	A	W+A+9'	X	B
5'	0.0'	5.8'	5.8'	5.0'
6'	0.0'	6.8'	6.8'	6.0'
7'	0.0'	7.8'	7.3'	6.5'
8'	0.0'	8.8'	7.3'	6.5'
9'	2.0'	7.8'	7.8'	5.0'
9'	2.5'	8.3'	8.1'	4.8'
9'	3.0'	8.8'	8.3'	4.4'
9'	3.5'	9.3'	8.6'	3.9'
9'	4.0'	9.8'	8.6'	3.9'
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** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.

ISOMETRIC VIEW

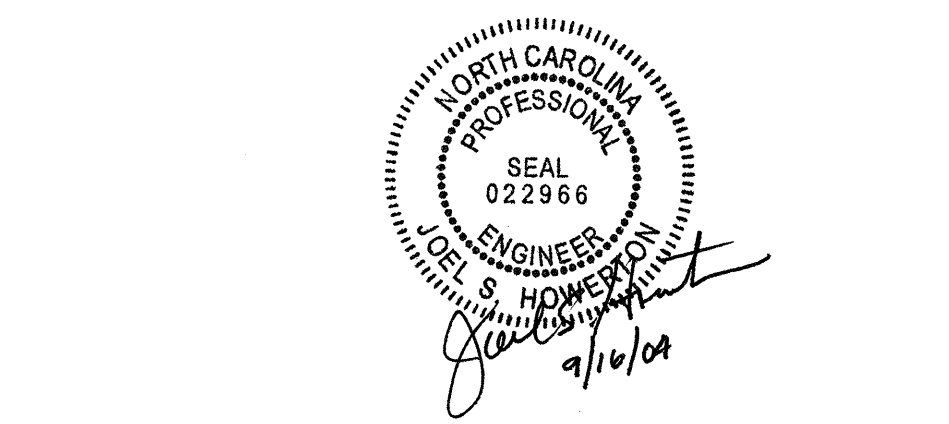
DETECTABLE WARNING DOMES

DETECTABLE WARNING DOMES

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

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

SHEET 2 OF 4 848D05



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

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