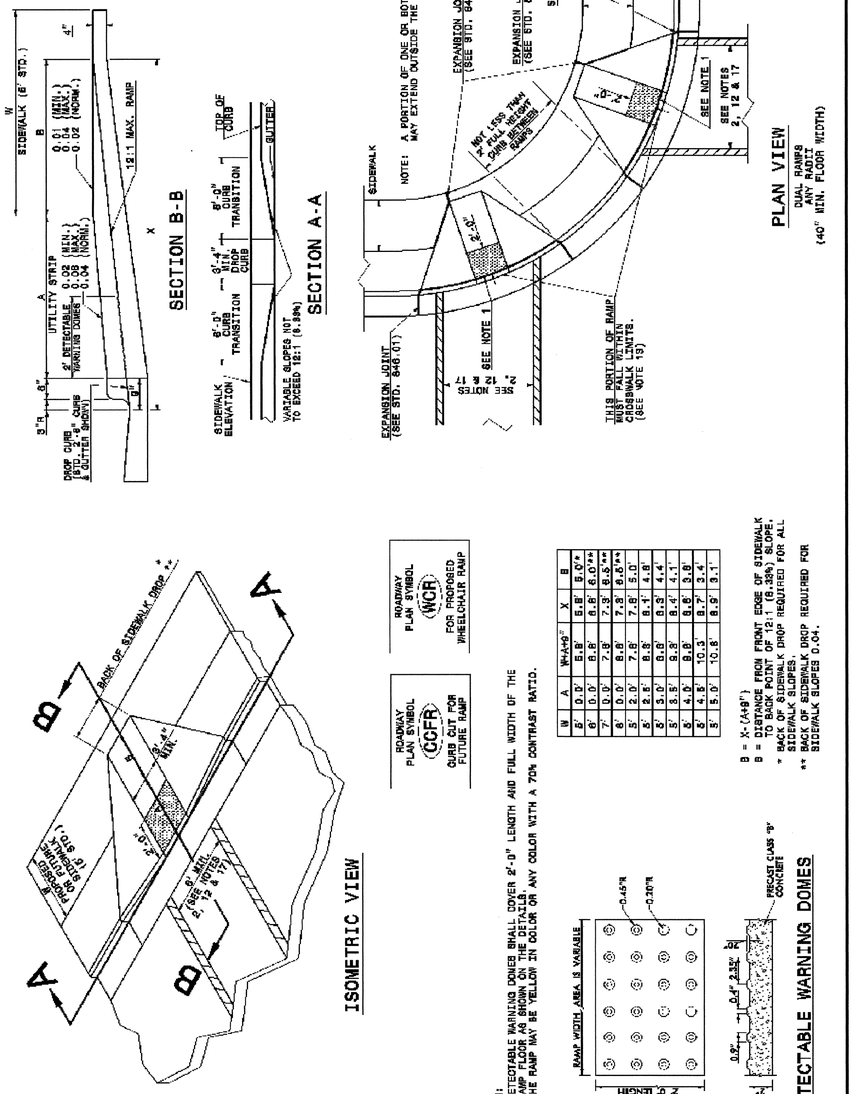
PROJECT REFERENCE NO.	SHEET NO.
R-2911C	21

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**



W	A	Wedge*	X	B
8'	0.0'	8.8'	8.8'	5.0'**
6'	0.0'	6.8'	6.8'	6.0'**
7'	0.0'	7.8'	7.8'	8.5'**
6'	0.0'	6.8'	7.8'	8.5'**
5'	2.0'	7.8'	7.8'	5.0'
5'	2.8'	8.8'	8.4'	4.8'
5'	3.0'	8.8'	8.3'	4.4'
5'	3.5'	8.8'	8.4'	4.1'
6'	4.0'	8.8'	8.8'	3.8'
6'	4.8'	10.3	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'

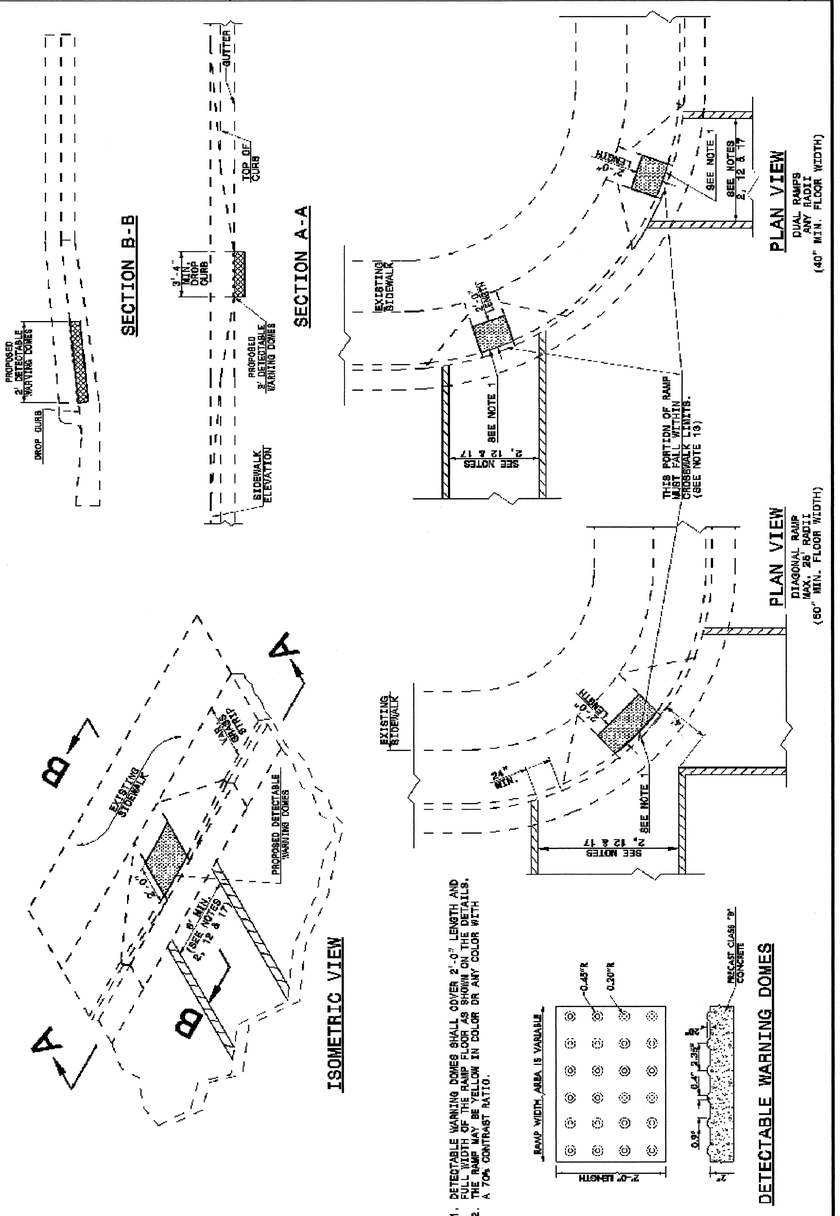
B = X-(A+8")
B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK POINT OF 12:1 (8.33%) SLOPE.
* BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.

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.

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**



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.

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER JOEL S. HOMERTON
9/1/04

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

SEE PLATE FOR TITLE

ORIGINAL BY: 2002 STD. 848.05 DATE:
MODIFIED BY: E.E. WARD DATE: 06-18-03
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5/14/09

25-JUN-2003 09:54
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