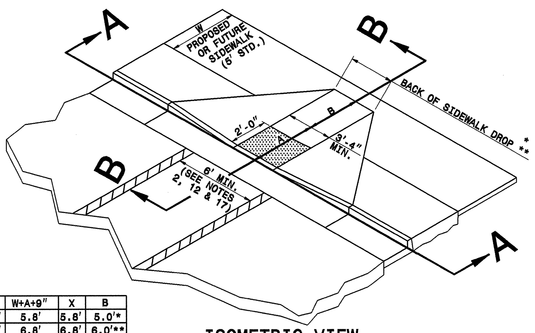
03-APR-2003 09:49
W:\Special Details\ericward\stds\02' Stds to Special Details\english\848d05\848d05.dgn
ericward AT DS188660

5/14/99

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

ENGLISH DETAIL DRAWING FOR
WHEELCHAIR RAMP
CURB CUT

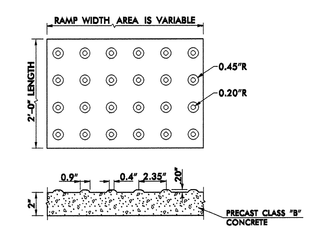
SHEET 1 OF 3
848D05



ISOMETRIC VIEW

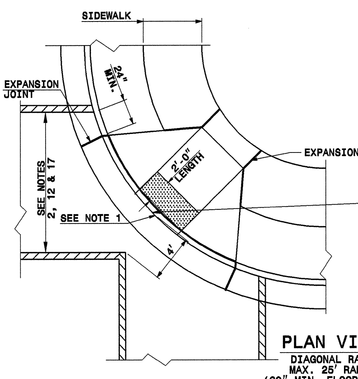
W	A	W+A+9"	X	B
5'	0.0'	5.8'	5.8'	5.0'*
6'	0.0'	6.8'	6.8'	6.0'**
7'	0.0'	7.8'	7.3'	6.5'**
8'	0.0'	8.8'	7.3'	6.5'**
5'	2.0'	7.8'	7.8'	5.0'
5'	2.5'	8.3'	8.1'	4.8'
5'	3.0'	8.8'	8.3'	4.4'
5'	3.5'	9.3'	8.4'	4.1'
5'	4.0'	9.8'	8.6'	3.8'
5'	4.5'	10.3'	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'

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.

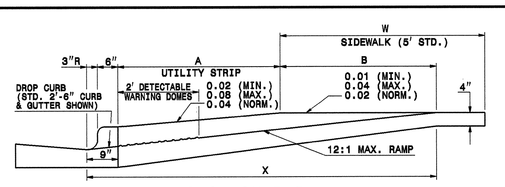


DETECTABLE WARNING DOMES

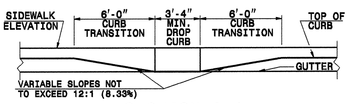
NOTES:
1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
2. THE RAMP MAY BE YELLOW IN COLOR OR ANY COLOR WITH A 70% CONTRAST RATIO.



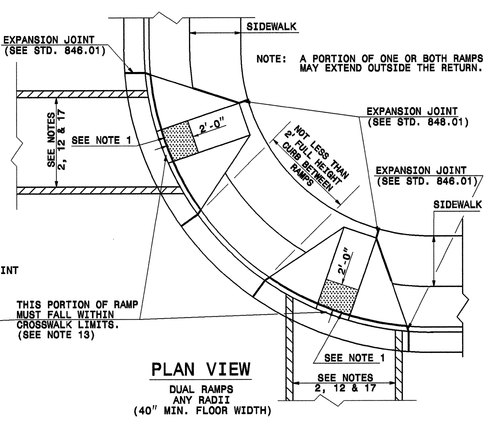
PLAN VIEW
DIAGONAL RAMP
MAX. 25' RADII
(60" MIN. FLOOR WIDTH)
[NOT PERMISSIBLE FOR NEW CONSTRUCTION]



SECTION B-B



SECTION A-A



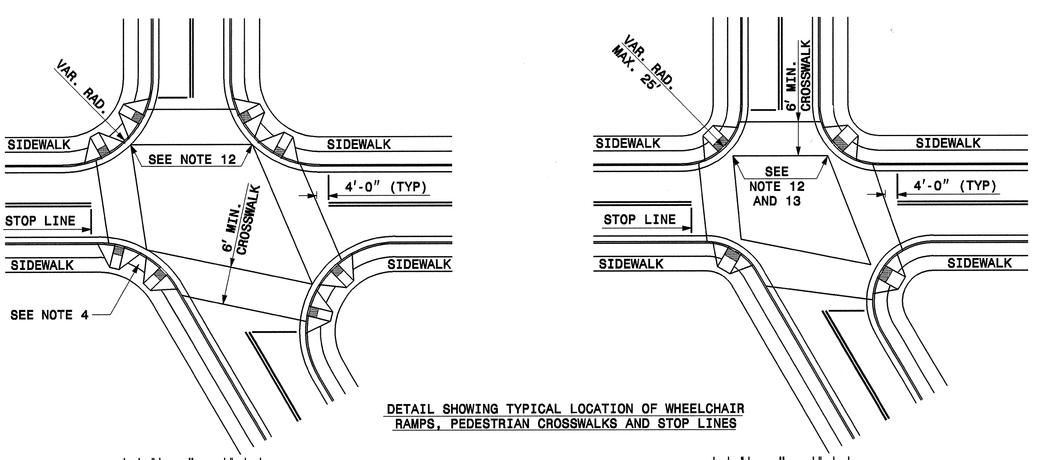
PLAN VIEW
DUAL RAMPS
ANY RADII
(40" MIN. FLOOR WIDTH)

ROADWAY PLAN SYMBOL	ROADWAY PLAN SYMBOL
CCFR	WCR
CURB CUT FOR FUTURE RAMP	FOR PROPOSED WHEELCHAIR RAMP

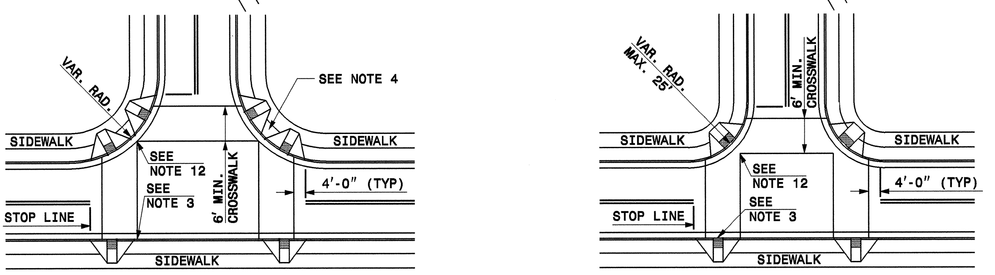
SHEET 1 OF 3
848D05

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

ENGLISH DETAIL DRAWING FOR
WHEELCHAIR RAMP
CURB CUT



DETAIL SHOWING TYPICAL LOCATION OF WHEELCHAIR RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES



DETAIL SHOWING TYPICAL LOCATION OF WHEELCHAIR RAMPS, PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS

PROPOSED WHEELCHAIR RAMP
PROPOSED OR FUTURE SIDEWALK

ALLOWABLE LOCATIONS

DUAL RAMP RADII.....ANY
DIAGONAL RAMP RADII...MAX. 25'
(DIAGONAL RAMP IS NOT PERMISSIBLE FOR NEW CONSTRUCTION)

SHEET 2 OF 3
848D05

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

ENGLISH DETAIL DRAWING FOR
WHEELCHAIR RAMP
CURB CUT

SEE PLATE FOR TITLE

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

ORIGINAL BY: 2002 STD. 848.05 DATE:
MODIFIED BY: E.E. WARD DATE: 09-26-03
CHECKED BY: DATE:
FILE SPEC.: \usr\stds\02\octet\english\84805\848d05.dgn

NORTH CAROLINA PROFESSIONAL SEAL 02966 ENGINEER JOEL HOWARD ROBINSON
8/04

PROJECT REFERENCE NO. B-3157
SHEET NO. 2-HH