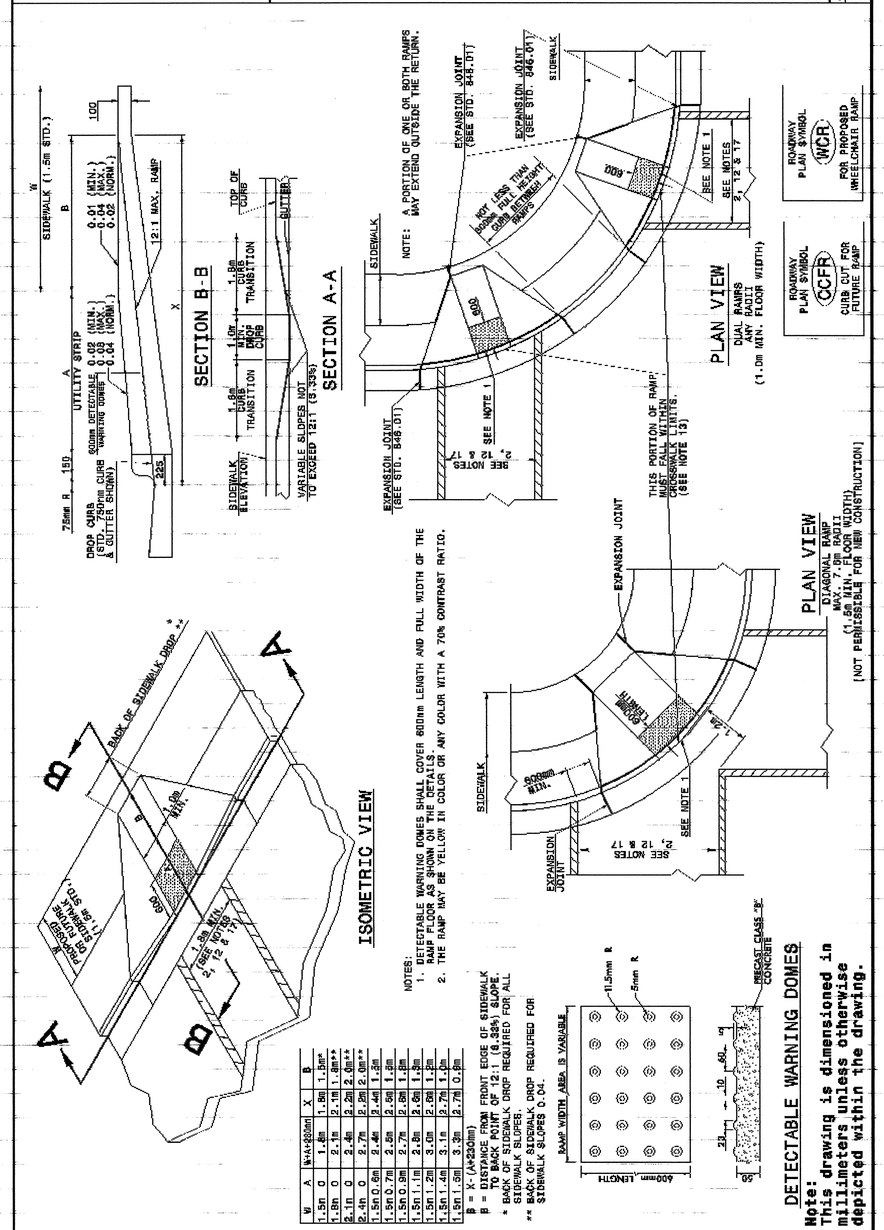
PROJECT REFERENCE NO.	SHEET NO.
R-2562D	2-H

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

METRIC DETAIL DRAWING FOR
WHEELCHAIR RAMP
CURB CUT

SHEET 1 OF 3 — **848D05**



W	A	W+A+600mm	X	B
1.5m	0	1.8m	1.8m	1.5m*
1.8m	0	2.1m	2.1m	1.8m**
2.1m	0	2.4m	2.2m	2.0m**
2.4m	0	2.7m	2.5m	2.0m**
1.5m	0.6m	2.4m	2.4m	1.2m
1.5m	0.7m	2.5m	2.5m	1.2m
1.5m	0.9m	2.7m	2.8m	1.8m
1.5m	1.1m	2.9m	2.8m	1.8m
1.5m	1.2m	3.0m	2.8m	1.2m
1.5m	1.4m	3.1m	2.7m	1.0m
1.5m	1.5m	3.2m	2.7m	0.9m

β = X-(A+230mm)
β = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK OF ST. CURB FOR 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 600mm 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.

DETECTABLE WARNING DOMES
Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

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METRIC DETAIL DRAWING FOR
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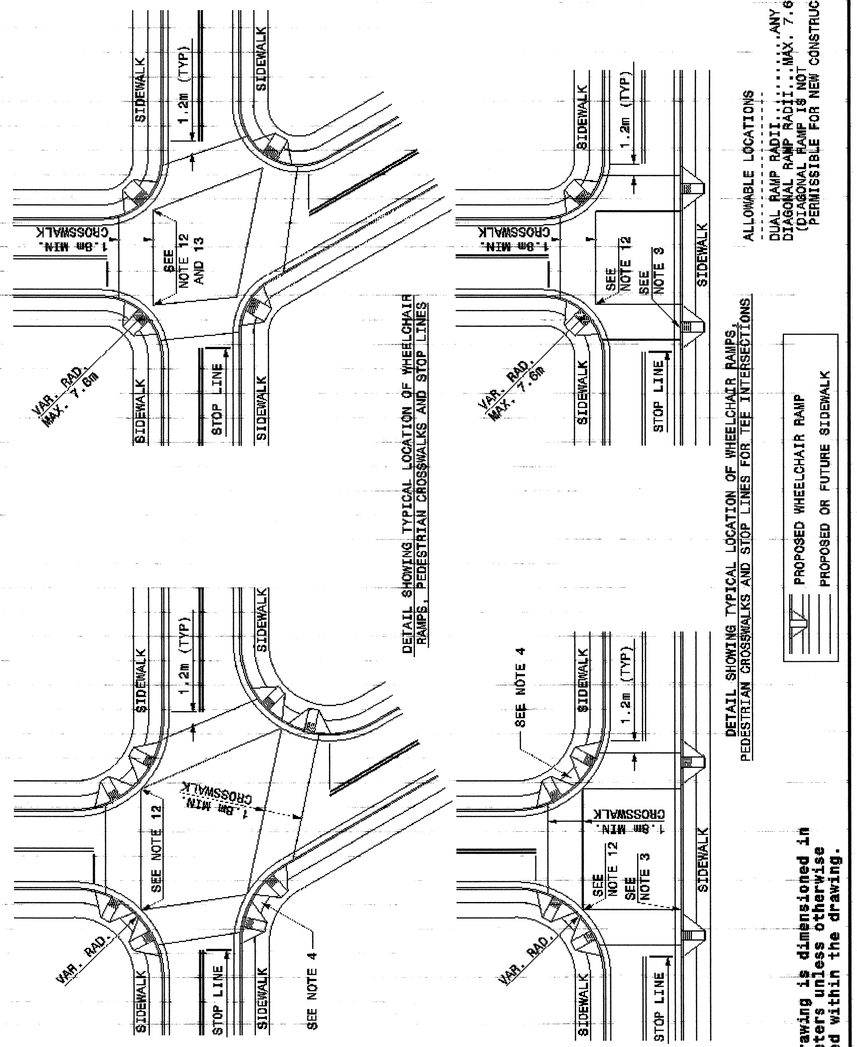
CURB CUT

SHEET 2 OF 3 — **848D05**



ALLOWABLE LOCATIONS

DUAL RAMP RADII.....MAX. 7.6m
DIAGONAL RAMP RADII.....MAX. 7.6m
(DIAGONAL RAMP IS NOT PERMISSIBLE FOR NEW CONSTRUCTION)

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

PROPOSED WHEELCHAIR RAMP
PROPOSED OR FUTURE SIDEWALK

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

Note:
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METRIC DETAIL DRAWING FOR
WHEELCHAIR RAMP
CURB CUT

SHEET 2 OF 3 — **848D05**

NORTH CAROLINA PROFESSIONAL SEAL 19761 ENGINEER CYNTHIA B. PERRY
10/4/04

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: 03-26-03
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