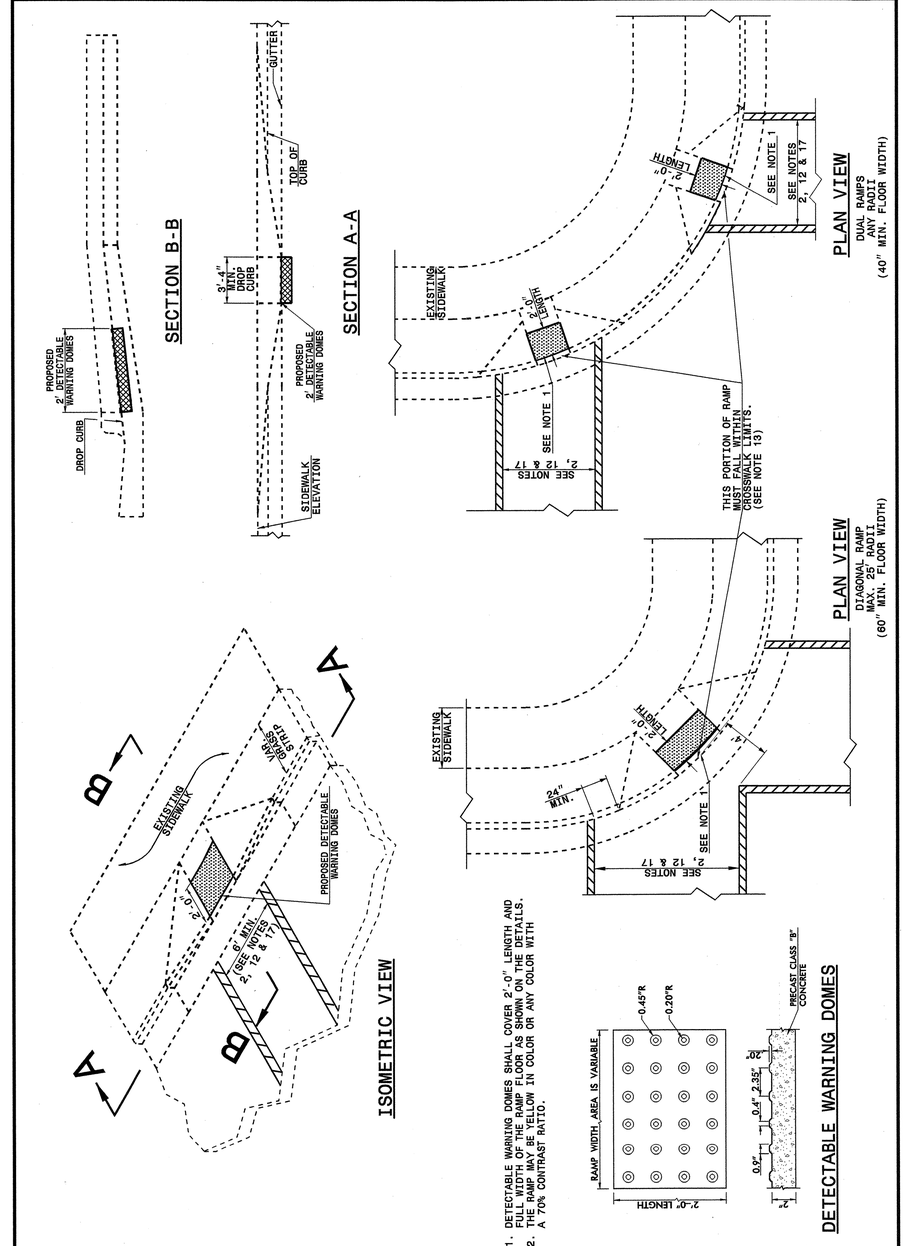
5/14/99

| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 1-2102 | 2-K |

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**

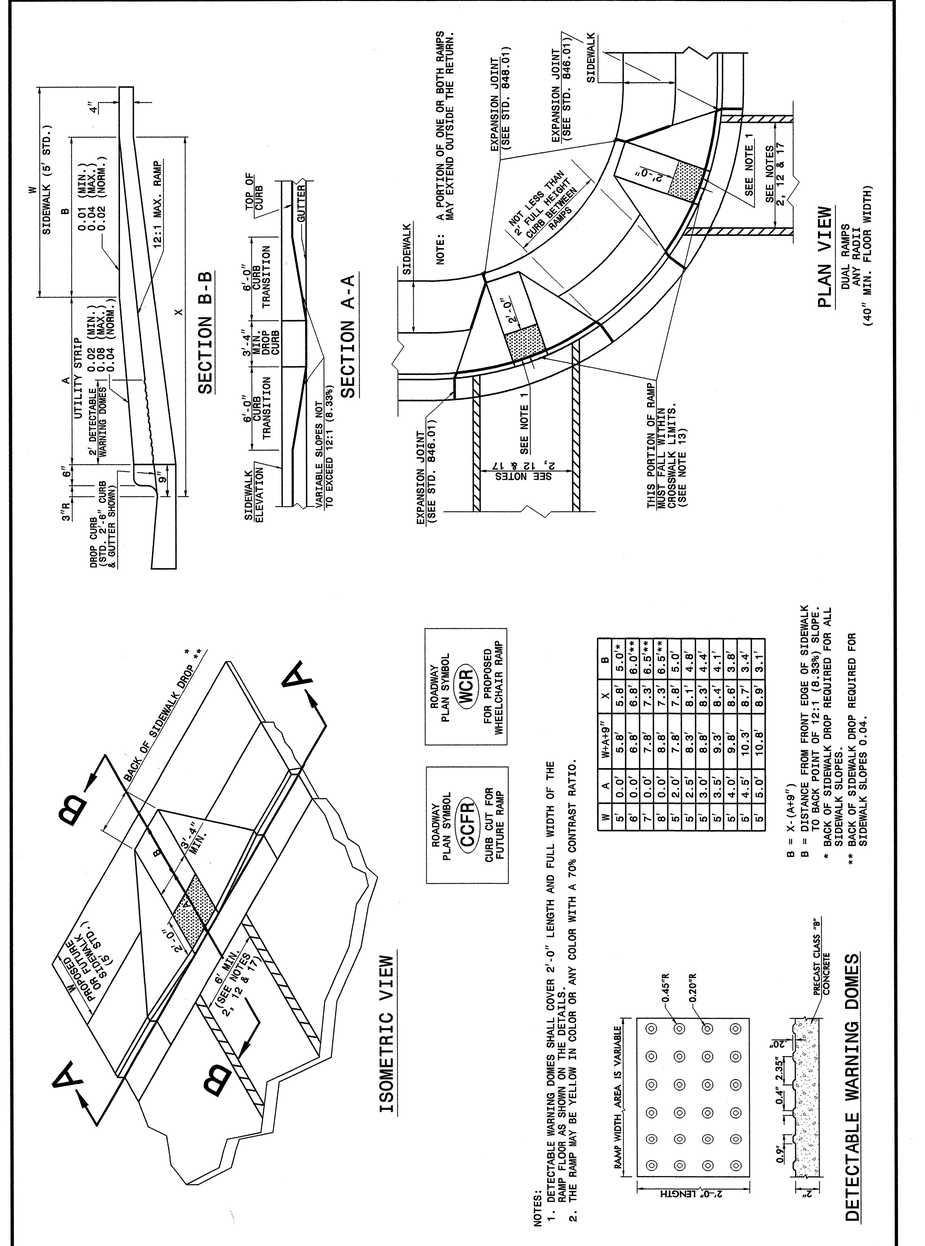



1. DETECTABLE WARNING DOMES SHALL COVER 2'-0" LENGTH AND FULL WIDTH OF THE RAMP FLOOR AS SHOWN ON THE DETAILS.
2. THE RAMP MAY BE YELLOW IN COLOR OR ANY COLOR WITH A 70% CONTRAST RATIO.

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 (WCR) FOR PROPOSED WHEELCHAIR RAMP

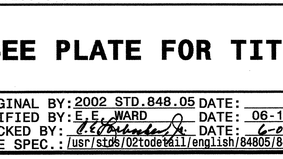
ROADWAY PLAN SYMBOL (CCFR) CURB CUT FOR FUTURE RAMP

| W | A | W+A+9" | X | B |
|---|---|---|---|---|
| 5' | 0.0' | 6.8' | 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' | 2.6' | 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' | 4.6' | 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 OF SIDEWALK DROP. SEE DETAIL.
* 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.

DETECTABLE WARNING DOMES




**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:
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CHECKED BY: DATE: 6-03
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ericward AT DS212260