

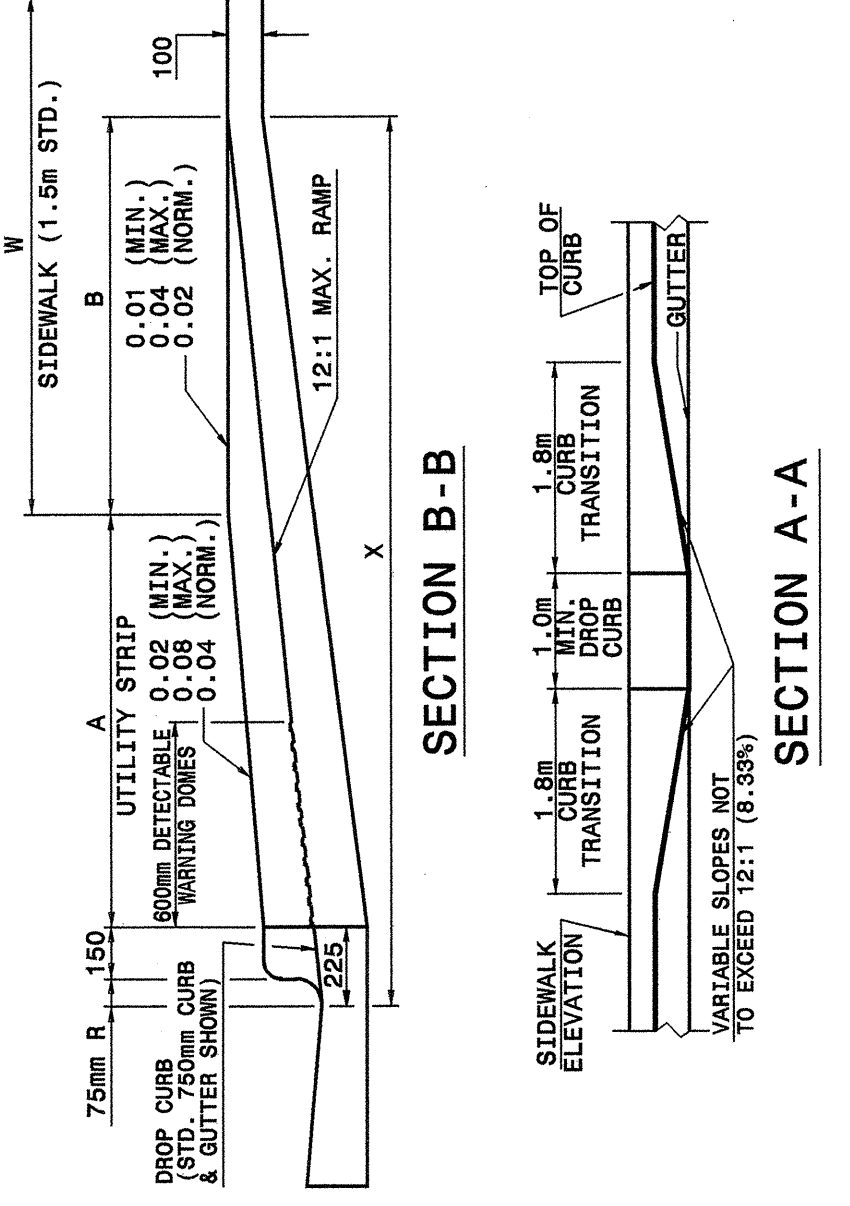
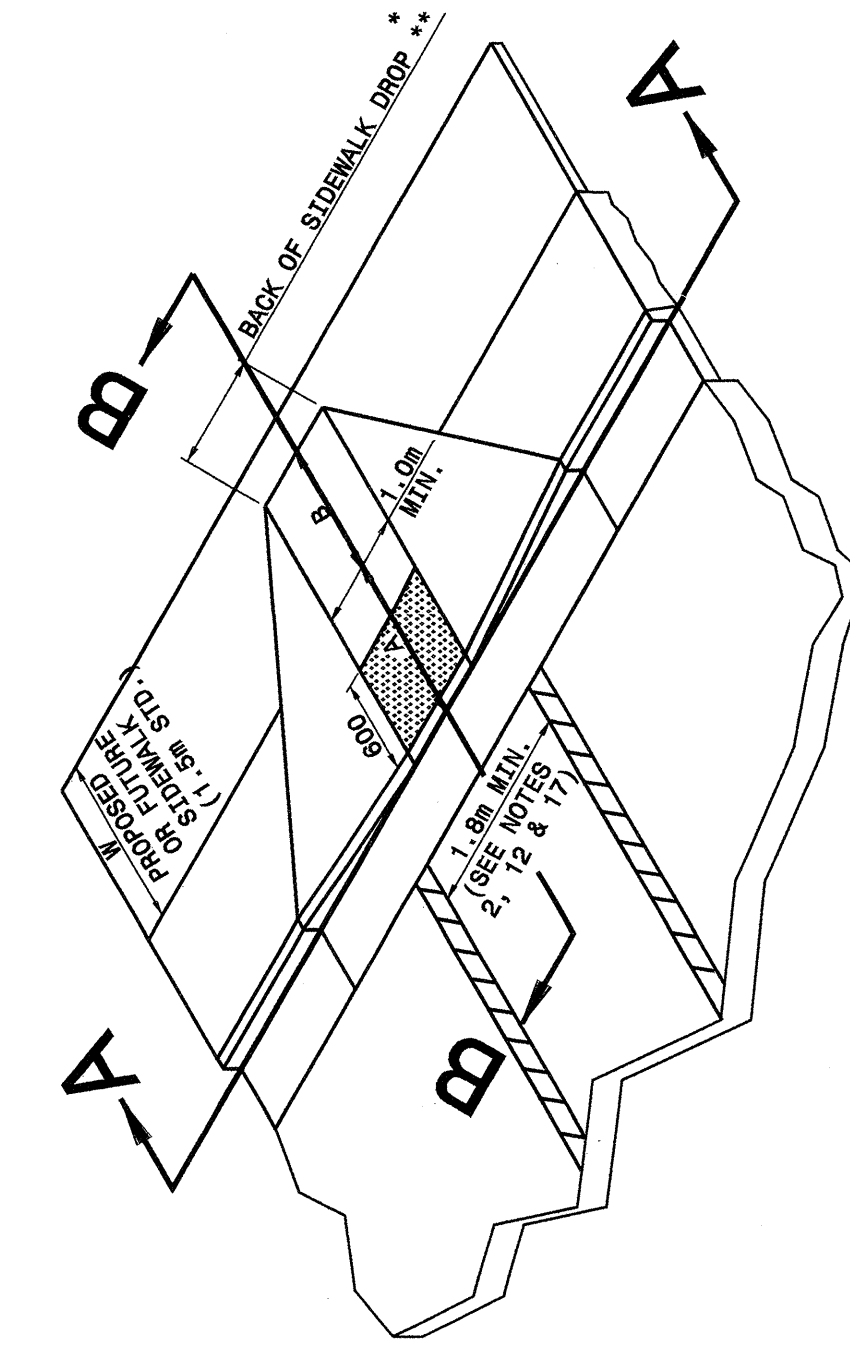


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STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

METRIC DETAIL DRAWING FOR
WHEELCHAIR RAMP
 CURB CUT

SHEET 1 OF 4
848D05



ISOMETRIC VIEW

ROADWAY PLAN SYMBOL CCFR CURB CUT FOR FUTURE RAMP

ROADWAY PLAN SYMBOL WCR FOR PROPOSED WHEELCHAIR RAMP

W	A	B	X
1.5m	0	1.8m	1.8m
1.8m	0	2.1m	2.1m
2.1m	0	2.4m	2.4m
2.4m	0	2.7m	2.7m
2.7m	0.5m	3.0m	3.0m
3.0m	1.0m	3.3m	3.3m
3.3m	1.5m	3.6m	3.6m
3.6m	2.0m	3.9m	3.9m
3.9m	2.5m	4.2m	4.2m
4.2m	3.0m	4.5m	4.5m
4.5m	3.5m	4.8m	4.8m
4.8m	4.0m	5.1m	5.1m
5.1m	4.5m	5.4m	5.4m
5.4m	5.0m	5.7m	5.7m
5.7m	5.5m	6.0m	6.0m
6.0m	6.0m	6.3m	6.3m
6.3m	6.5m	6.6m	6.6m
6.6m	7.0m	6.9m	6.9m
6.9m	7.5m	7.2m	7.2m
7.2m	8.0m	7.5m	7.5m
7.5m	8.5m	7.8m	7.8m
7.8m	9.0m	8.1m	8.1m
8.1m	9.5m	8.4m	8.4m
8.4m	10.0m	8.7m	8.7m
8.7m	10.5m	9.0m	9.0m
9.0m	11.0m	9.3m	9.3m
9.3m	11.5m	9.6m	9.6m
9.6m	12.0m	9.9m	9.9m
9.9m	12.5m	10.2m	10.2m
10.2m	13.0m	10.5m	10.5m
10.5m	13.5m	10.8m	10.8m
10.8m	14.0m	11.1m	11.1m
11.1m	14.5m	11.4m	11.4m
11.4m	15.0m	11.7m	11.7m
11.7m	15.5m	12.0m	12.0m
12.0m	16.0m	12.3m	12.3m
12.3m	16.5m	12.6m	12.6m
12.6m	17.0m	12.9m	12.9m
12.9m	17.5m	13.2m	13.2m
13.2m	18.0m	13.5m	13.5m
13.5m	18.5m	13.8m	13.8m
13.8m	19.0m	14.1m	14.1m
14.1m	19.5m	14.4m	14.4m
14.4m	20.0m	14.7m	14.7m
14.7m	20.5m	15.0m	15.0m
15.0m	21.0m	15.3m	15.3m
15.3m	21.5m	15.6m	15.6m
15.6m	22.0m	15.9m	15.9m
15.9m	22.5m	16.2m	16.2m
16.2m	23.0m	16.5m	16.5m
16.5m	23.5m	16.8m	16.8m
16.8m	24.0m	17.1m	17.1m
17.1m	24.5m	17.4m	17.4m
17.4m	25.0m	17.7m	17.7m
17.7m	25.5m	18.0m	18.0m
18.0m	26.0m	18.3m	18.3m
18.3m	26.5m	18.6m	18.6m
18.6m	27.0m	18.9m	18.9m
18.9m	27.5m	19.2m	19.2m
19.2m	28.0m	19.5m	19.5m
19.5m	28.5m	19.8m	19.8m
19.8m	29.0m	20.1m	20.1m
20.1m	29.5m	20.4m	20.4m
20.4m	30.0m	20.7m	20.7m
20.7m	30.5m	21.0m	21.0m
21.0m	31.0m	21.3m	21.3m
21.3m	31.5m	21.6m	21.6m
21.6m	32.0m	21.9m	21.9m
21.9m	32.5m	22.2m	22.2m
22.2m	33.0m	22.5m	22.5m
22.5m	33.5m	22.8m	22.8m
22.8m	34.0m	23.1m	23.1m
23.1m	34.5m	23.4m	23.4m
23.4m	35.0m	23.7m	23.7m
23.7m	35.5m	24.0m	24.0m
24.0m	36.0m	24.3m	24.3m
24.3m	36.5m	24.6m	24.6m
24.6m	37.0m	24.9m	24.9m
24.9m	37.5m	25.2m	25.2m
25.2m	38.0m	25.5m	25.5m
25.5m	38.5m	25.8m	25.8m
25.8m	39.0m	26.1m	26.1m
26.1m	39.5m	26.4m	26.4m
26.4m	40.0m	26.7m	26.7m
26.7m	40.5m	27.0m	27.0m
27.0m	41.0m	27.3m	27.3m
27.3m	41.5m	27.6m	27.6m
27.6m	42.0m	27.9m	27.9m
27.9m	42.5m	28.2m	28.2m
28.2m	43.0m	28.5m	28.5m
28.5m	43.5m	28.8m	28.8m
28.8m	44.0m	29.1m	29.1m
29.1m	44.5m	29.4m	29.4m
29.4m	45.0m	29.7m	29.7m
29.7m	45.5m	30.0m	30.0m
30.0m	46.0m	30.3m	30.3m
30.3m	46.5m	30.6m	30.6m
30.6m	47.0m	30.9m	30.9m
30.9m	47.5m	31.2m	31.2m
31.2m	48.0m	31.5m	31.5m
31.5m	48.5m	31.8m	31.8m
31.8m	49.0m	32.1m	32.1m
32.1m	49.5m	32.4m	32.4m
32.4m	50.0m	32.7m	32.7m
32.7m	50.5m	33.0m	33.0m

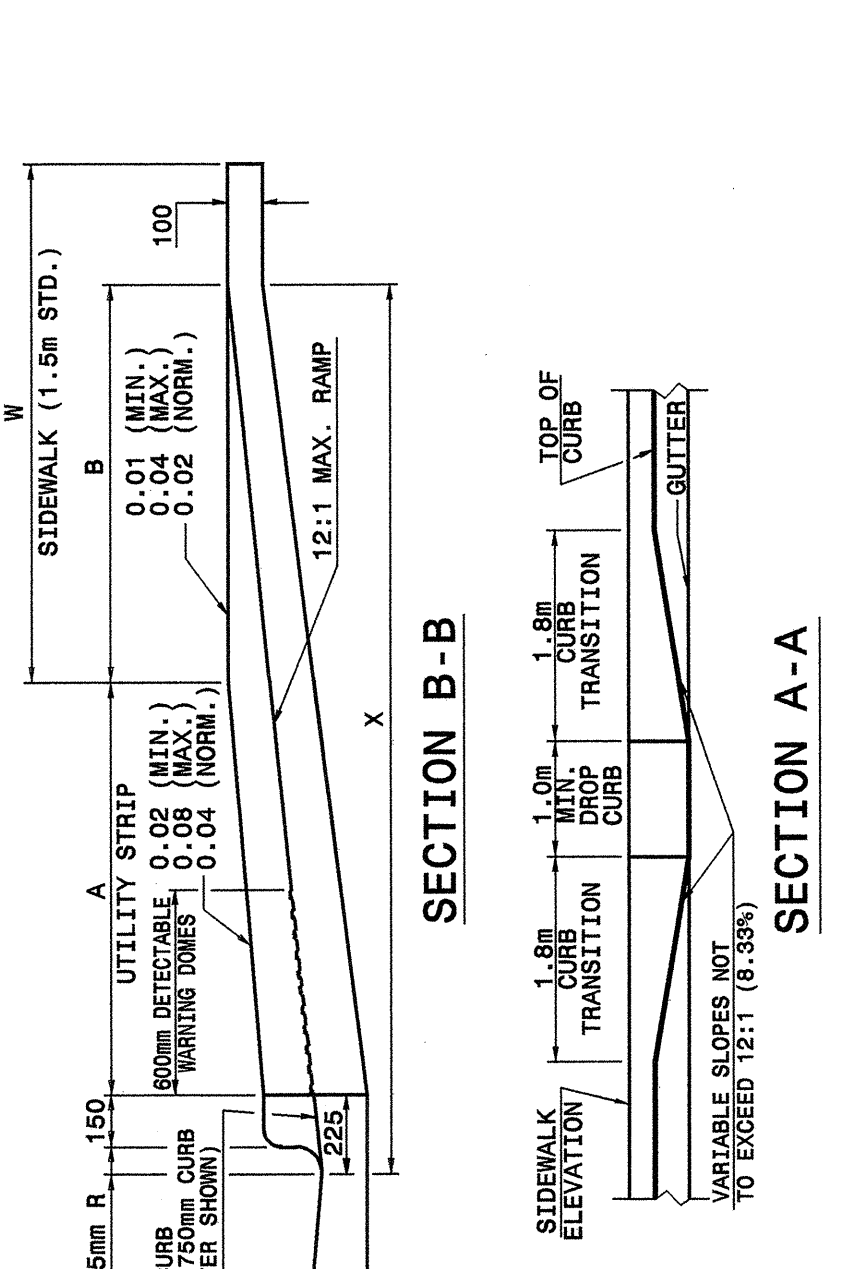
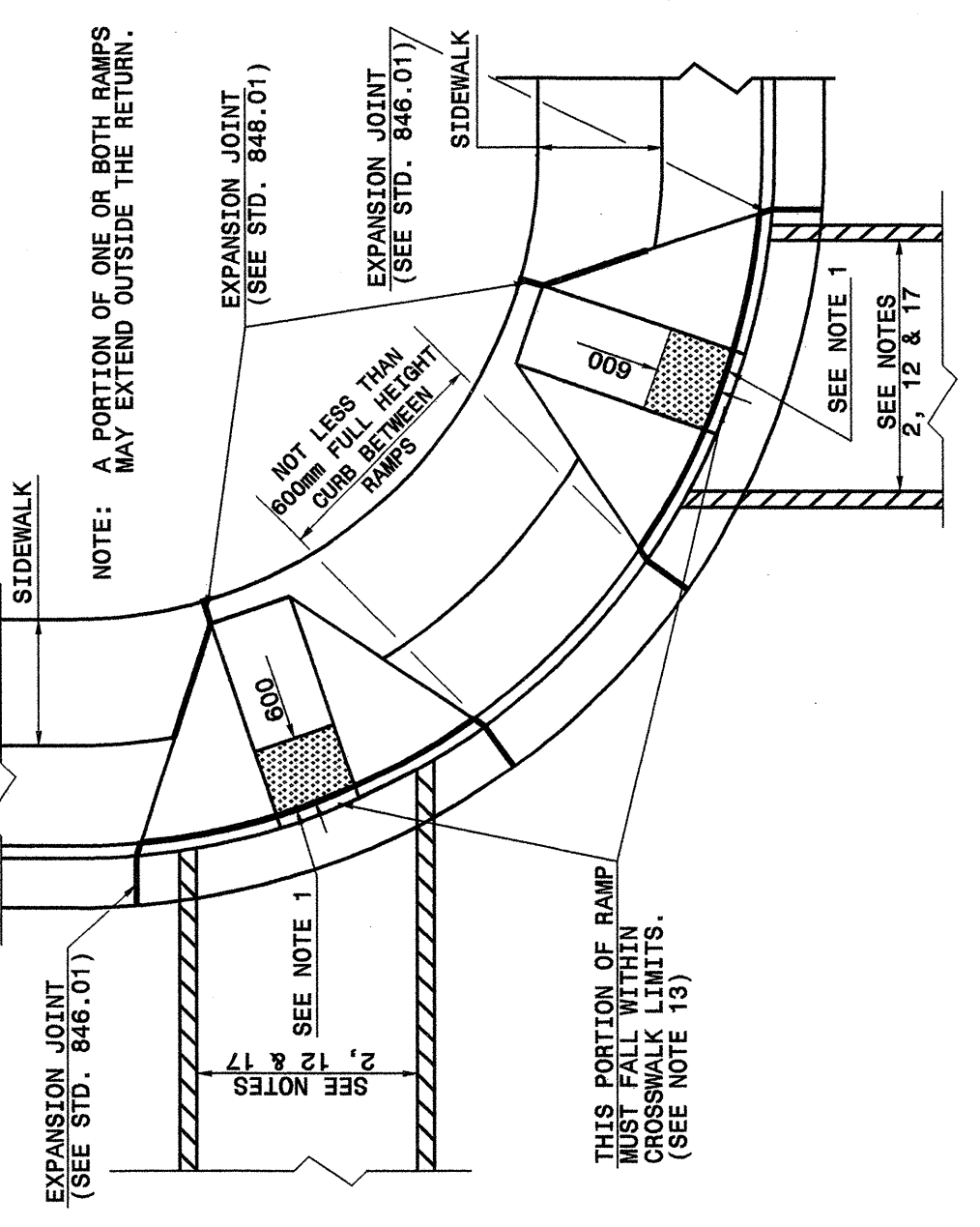
DETECTABLE WARNING DOMES
 Note: This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

B = X - (A * 230mm)
 B = DISTANCE FROM FRONT EDGE OF SIDEWALK TO BACK OF SIDEWALK DROP REQUIRED FOR ALL SIDEWALK SLOPES.
 ** BACK OF SIDEWALK DROP REQUIRED FOR SIDEWALK SLOPES 0.04.

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METRIC DETAIL DRAWING FOR
WHEELCHAIR RAMP
 CURB CUT

SHEET 1 OF 4
848D05

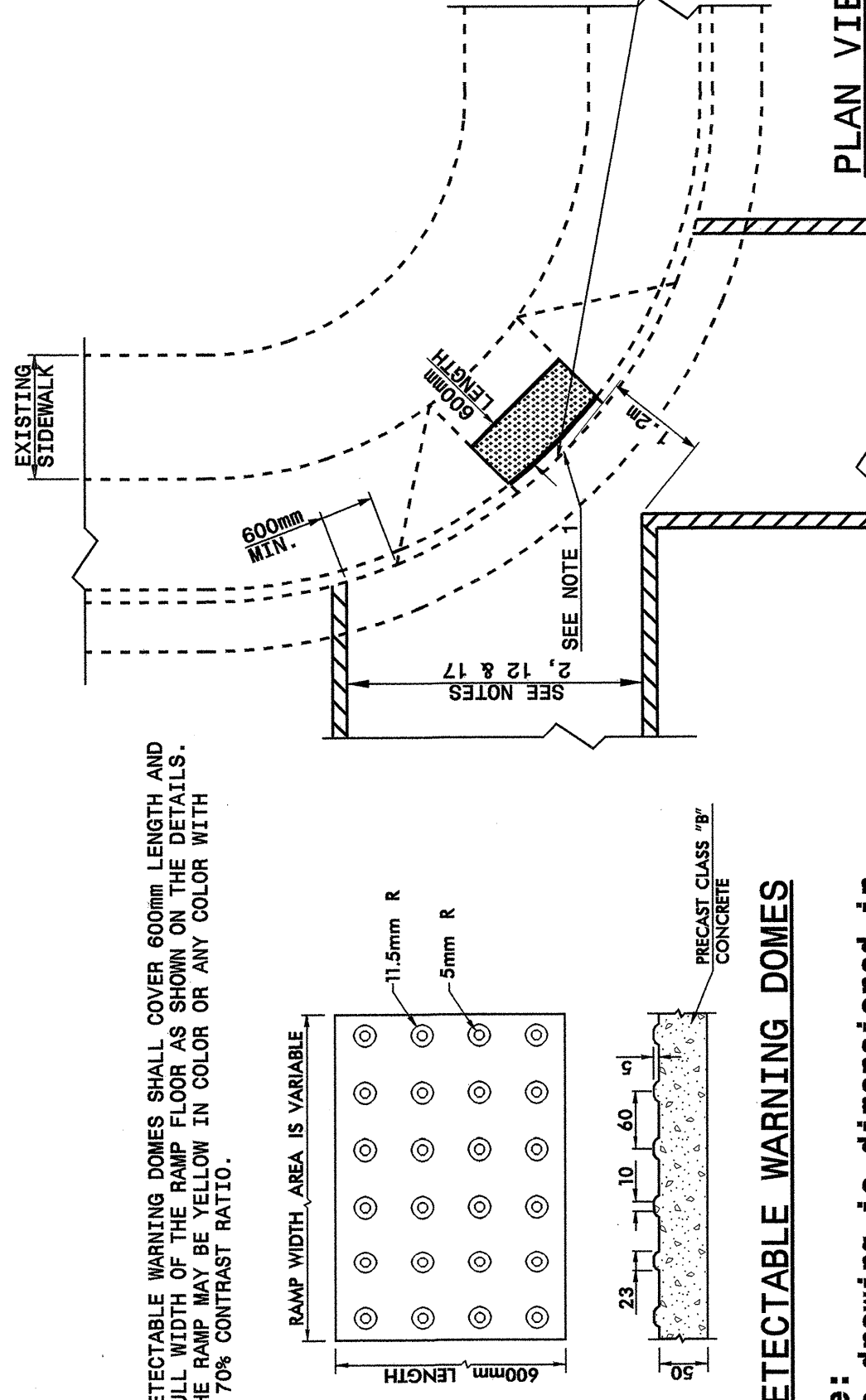
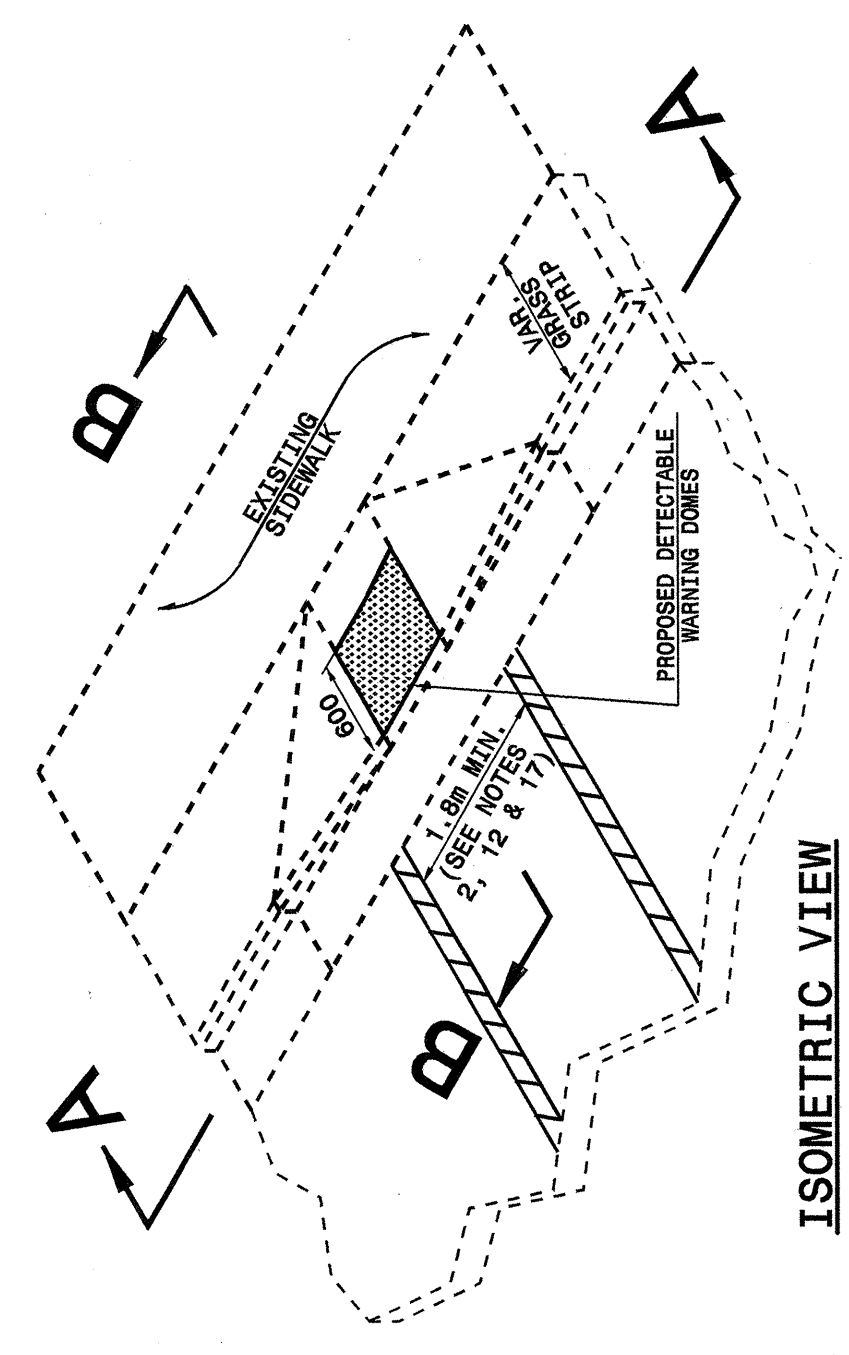


PLAN VIEW
 DUAL RAMPS
 (1.0m MIN. FLOOR WIDTH)

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

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

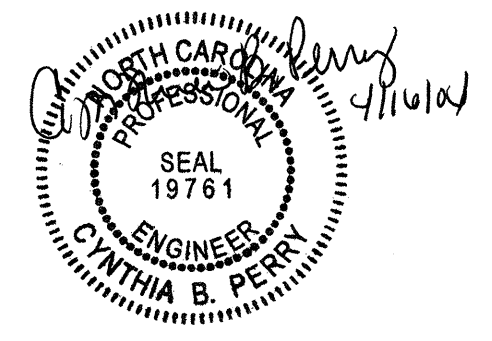
SHEET 2 OF 4
848D05



PLAN VIEW
 DIAGONAL RAMP
 MAX 7.5% RADI
 (1.5m MIN. FLOOR WIDTH)

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.

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



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 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: 06-26-03
 CHECKED BY: [Signature] DATE: 6-03
 FILE SPEC.: /us/1stds/02stds/011/metric/84805/848d05.dgn