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PROJECT MANAGER <Project_Mgr_Name.(000) 000-0000 (District)>
 SURVEYED BY <Surveyor_Name.(000) 000-0000 (District)>
 DESIGN SUPERVISED BY <Supervisor_Name.(000) 000-0000 (District)>
 DESIGNED BY <Designer_Name.(000) 000-0000 (District)>

REVISED	STATE	STATE		SHEET NO.
	ROUTE	PROJECT		
	VA.			

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

TANGENT PLAN
 PERMISSIBLE CONST. JOINT
 5' MIN.
 TRUNCATED DOMES
 SEE SHEET 1 OF 5 FOR DETAILS
 SHAPE TO MATCH FACE OF ROADWAY CURB
 2'-0" MIN. 5'-0" MIN.
 12:1 48:1 MAX. 48:1 MAX.
 20:1 2' MIN.

SECTION A-A

TYPE C PARALLEL & PERPENDICULAR APPLICATION

ROADWAY GRADE IN PERCENT	MINIMUM RAMP LENGTH IN FEET	
	4" CURB	6" CURB
0	2	4
1	2	5
2	3	5
3	3	6
4	4	8
5	5	10
6	7	14
7	13	15
8	15	15

THE REQUIRED LENGTH OF A PARALLEL RAMP IS LIMITED TO 15 FEET, REGARDLESS OF THE SLOPE.

CG-12 DETECTABLE WARNING SURFACE
 TYPE C (PARALLEL & PERPENDICULAR) APPLICATION
 VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT
 ROAD AND BRIDGE STANDARDS
 REVISION DATE SHEET 4 OF 5
 10/09 203.08

NOTES: FOR GENERAL NOTES ON THE DETECTABLE WARNING SURFACE, SEE SHEET 1 OF 5.
 THE SELECTION OF CURB TYPE AND THE CONFIGURATION OF THE BUFFER STRIP MAY VARY TO MEET EXISTING FIELD CONDITIONS AND ROADWAY GEOMETRICS PROVIDING THE DIMENSIONS AND SLOPES ARE AS NOTED.
 THIS COMBINED (PARALLEL & PERPENDICULAR) DESIGN CAN BE USED WITH ADJOINING BUFFER STRIP. LANDING AT BOTTOM OF TWO SLOPING SIDES WITH 5' X 5' MIN. DIMENSIONS. THE SHORT PERPENDICULAR RUN TO THE STREET CAN BE PROTECTED BY A LANDSCAPED SETBACK OR CONNECTED TO THE SIDEWALK WITH A WARPED SURFACE.

\$TIME\$TAMPS

REV. 10/09
 SPECIAL DESIGN SECTION
 DRAWING NO. IIS02_04

PROJECT	SHEET NO.
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