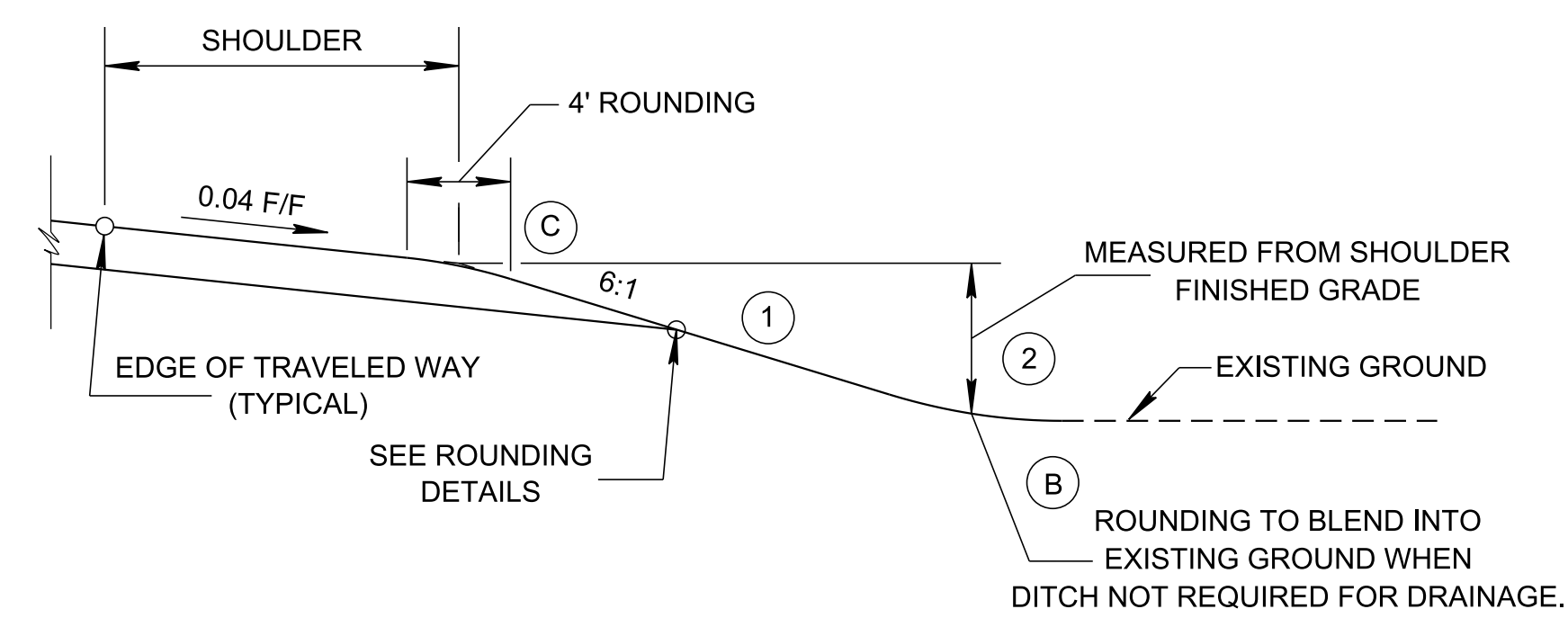
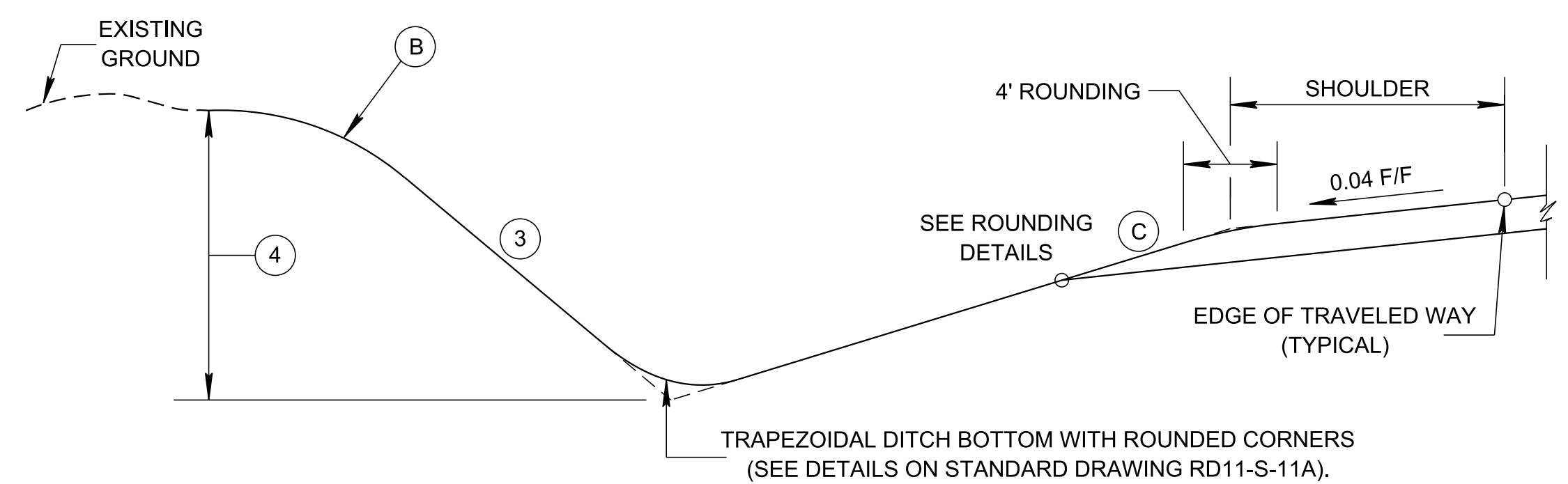


ROUNDING DETAILS
CASE I (6:1 FORESLOPE IS SHOWN)



FILL SLOPES



CUT SLOPES

GENERAL SLOPE TABLE (A)			
CASE I		CASE II	
FILL SLOPES (1)	HEIGHT OF FILL (2)	FILL SLOPES (1)	HEIGHT OF FILL (2)
6:1	0'-7'	4:1	0'-6'
4:1	7'-15'	3:1	6'-8'
3:1	15'-28'	2:1	8'-12'
2:1	OVER 28'	1.5:1	OVER 12'
CUT SLOPES (3)	DEPTH OF CUT (4)	CUT SLOPES (3)	DEPTH OF CUT (4)
4:1	0'-15'	4:1	0'-6'
3:1	15'-20'	3:1	6'-8'
2:1	OVER 20'	2:1	8'-12'
NA	NA	1.5:1	OVER 12'

CASE I : FOR ALL FREEWAYS AND ARTERIALS. ALSO FOR COLLECTORS WITH A POSTED SPEED OF 45 MILES PER HOUR OR GREATER.

CASE II : FOR LOCAL ROADS AND STREETS AND COLLECTORS (STANDARD DRAWINGS RD11-TS-1, 1A, & 2).

SPECIAL NOTE

ROUNDING AND ROADSIDE SLOPE DETAILS SHOWN ON THIS SHEET ARE APPLICABLE TO OUTSIDE SHOULDER ONLY, ON PROJECTS AS DESCRIBED IN CASE I AND CASE II ABOVE. FOR DETAILS OF INSIDE SHOULDERS ON MULTI-LANE ROADWAYS, SEE APPROPRIATE STANDARD DRAWINGS.

DESIGN NOTES	
(A)	FILL AND/OR CUT SLOPE RATIOS SHALL BE RECOMMENDED OR APPROVED BY THE MATERIALS AND TEST, GEOTECHNICAL ENGINEERING SECTION. SEE RD11-S-11B FOR ROCK CUT SLOPE AND CATCHMENT DETAILS.
(B)	SLOPES AT THE TOE OF FILLS AND TOP OF CUTS SHALL BE ROUNDED TO BLEND INTO THE EXISTING TERRAIN.
(C)	SEE APPROPRIATE RD11-TS SERIES DRAWING FOR FORESLOPE.

STATE OF TENNESSEE
STANDARD DRAWING
DEPARTMENT OF TRANSPORTATION

DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT

1/31/2019 2:55:25 PM C:\Users\jj00547\Desktop\3 RD11 Typical Sections and Design Criteria\RD11S11-20190101.dgn