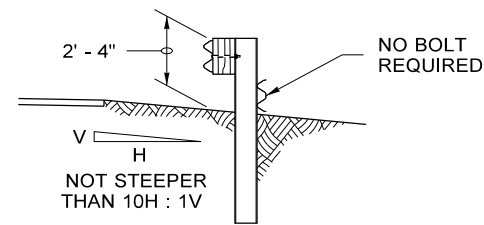
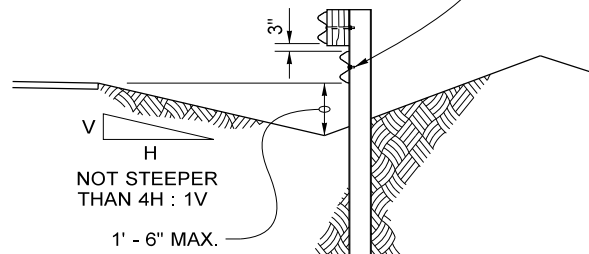


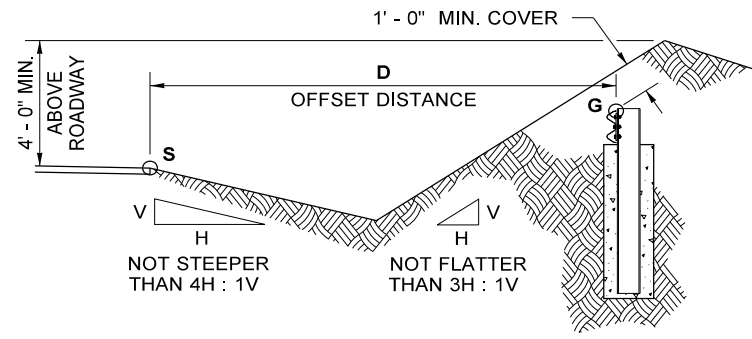
FOR TIMBER POST, 5/8" (IN) x 10" (IN) LONG BUTTON HEAD BOLT WITH 7/32" (IN) OVAL GRIP, CUT WASHER, AND HEX NUT.
 FOR STEEL POST, 5/8" (IN) x 2" (IN) LONG BUTTON HEAD BOLT WITH 7/32" (IN) OVAL GRIP, CUT WASHER, AND HEX NUT



SECTION A

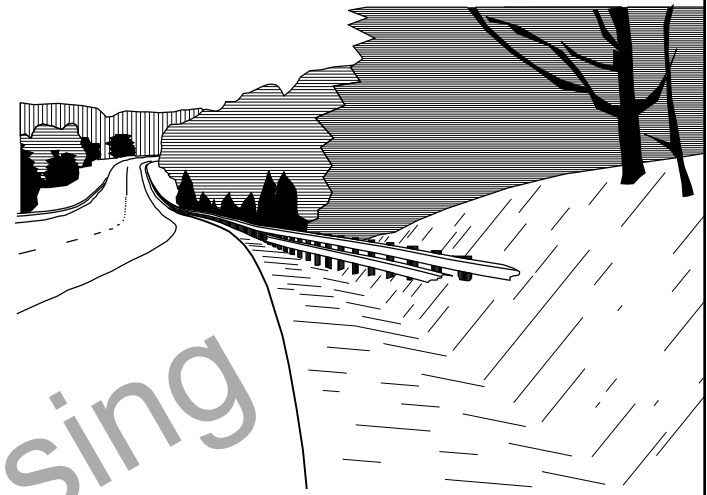


SECTION B

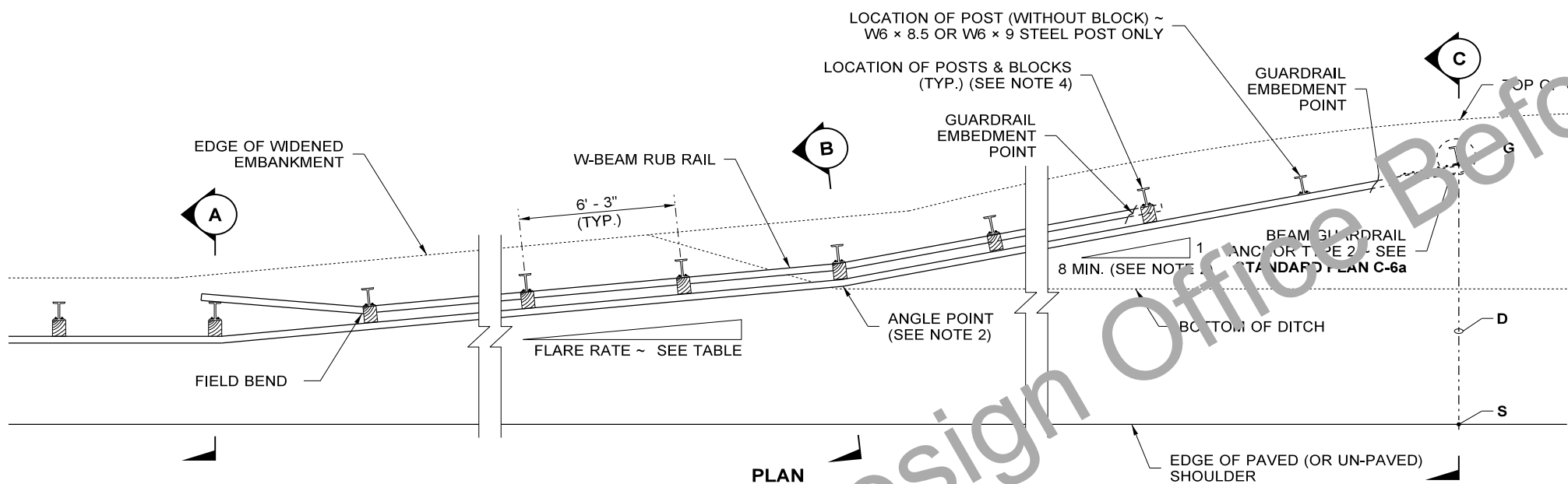


SECTION C

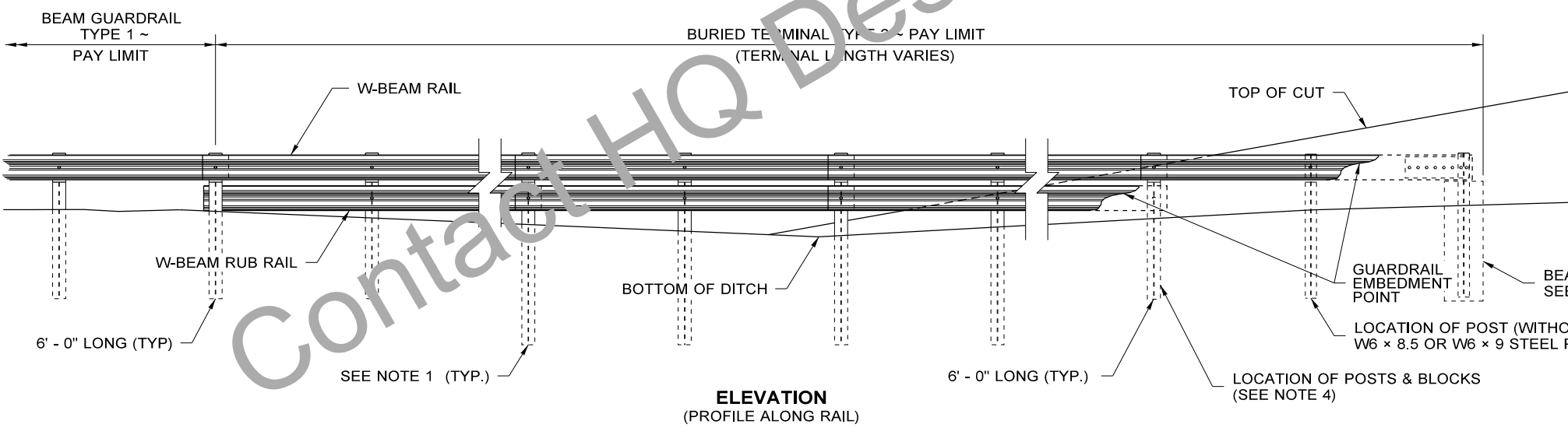
(SEE NOTE 3)



PERSPECTIVE



PLAN



ELEVATION (PROFILE ALONG RAIL)

BEAM GUARDRAIL TYPE 1 - BURIED TERMINAL TYPE 2

NOTES

- POSTS INSTALLED ON SHOULDER SLOPES STEEPER THAN 10 : 1 SHALL BE 8' (FT) LONG.
- THE FLARE RATE OF THE GUARDRAIL MAY BE INCREASED AFTER CROSSING THE DITCH BOTTOM TO SHORTEN THE LENGTH OF THE TERMINAL.
- DETERMINE THE HEIGHT OF THE W-BEAM AT THE ANCHOR (G) BY FIRST CALCULATING THE PERPENDICULAR OFFSET DISTANCE (D) FROM THE EDGE OF SHOULDER (S) TO THE ANCHOR (ON STATION). MULTIPLY THAT DISTANCE BY 0.1, THEN SUBTRACT THE PRODUCT FROM THE ELEVATION OF THE SAME POINT (S) ON THE EDGE OF SHOULDER USED TO OBTAIN THE OFFSET DISTANCE (AT THE SAME STATION). ADD BEAM GUARDRAIL DESIGN HEIGHT (28" (IN)) TO THAT REMAINDER FOR A SUM THAT EQUALS THE ELEVATION OF THE TOP OF THE W-BEAM AT THE ANCHOR.
 REFER TO SECTION "C":

$$\text{ELEVATION } G = (\text{ELEVATION } S - D \times 0.1) + 28$$
- TIMBER OR STEEL POST. STEEL POST SHOWN.

FLARE RATE TABLE	
RATE (FT)	POSTED SPEED (MPH)
15 : 1	70
14 : 1	60
12 : 1	55
11 : 1	50
10 : 1	45
9 : 1	40 OR LESS

FILE NAME	S:\Design R P & S\4-Standards\2-Plan Sheet Library\02-PSL Work in Progress\C series conversion\TB-c22.14\TB-c22.14.dgn			REGION NO.	STATE	FED.AID PROJ.NO.	Washington State Department of Transportation	Plot 1
TIME	1:45:26 PM			10	WASH			PLAN REF NO
DATE	8/1/2018			JOB NUMBER				TB-C22.14
PLOTTED BY	liddelf			CONTRACT NO.		LOCATION NO.		SHEET
DESIGNED BY								1
ENTERED BY								OF
CHECKED BY								1
PROJ. ENGR.								SHEETS
REGIONAL ADM.	REVISION	DATE	BY					