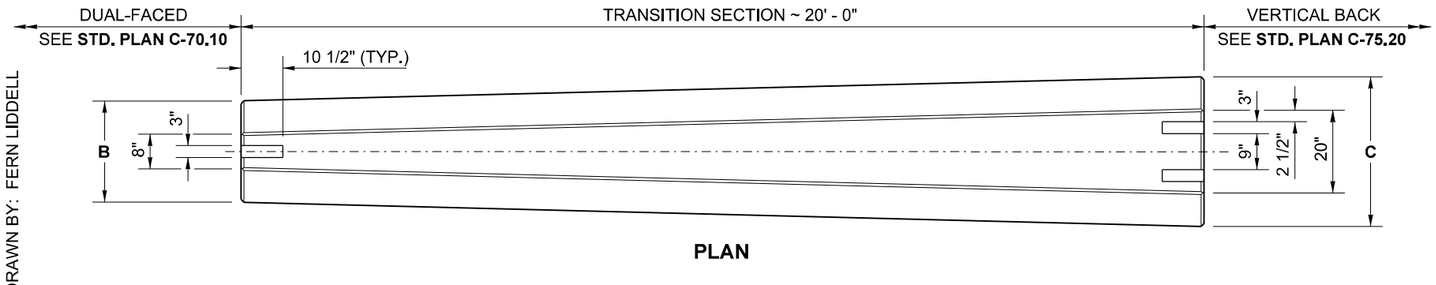
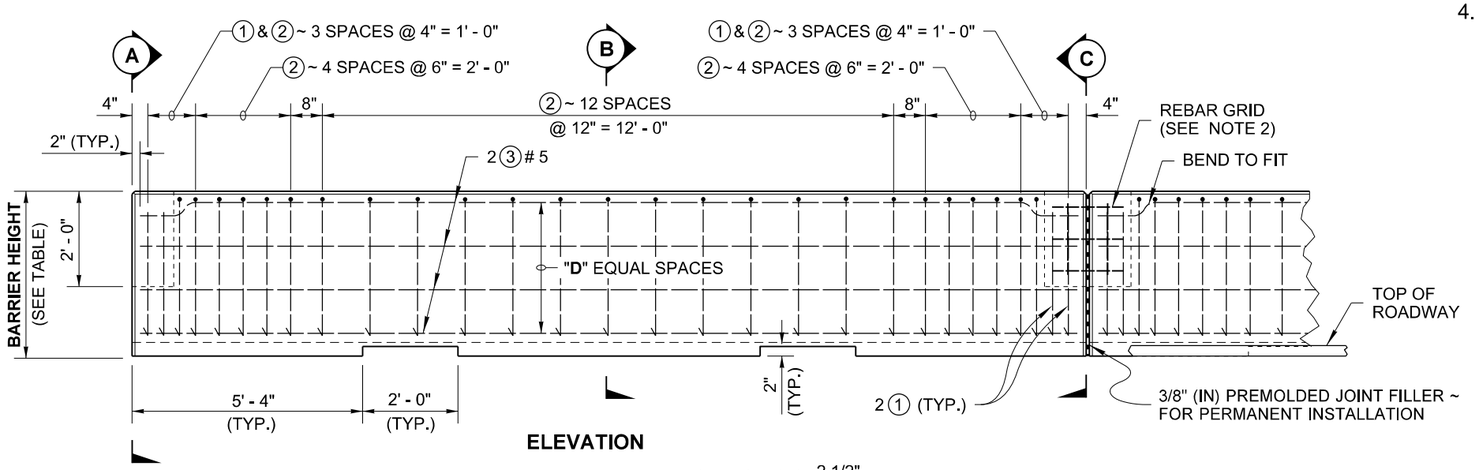
DRAWN BY: FERN LIDDELL



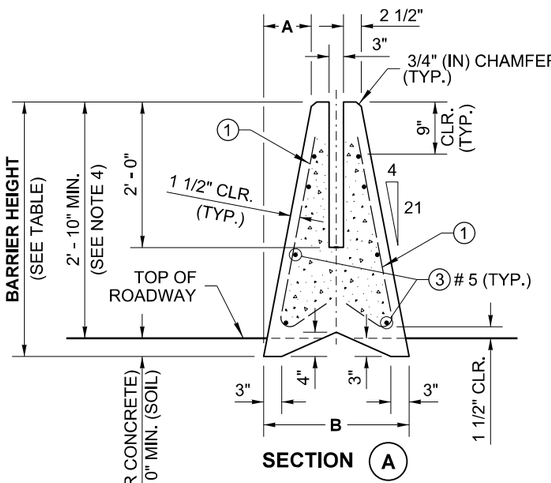
PLAN



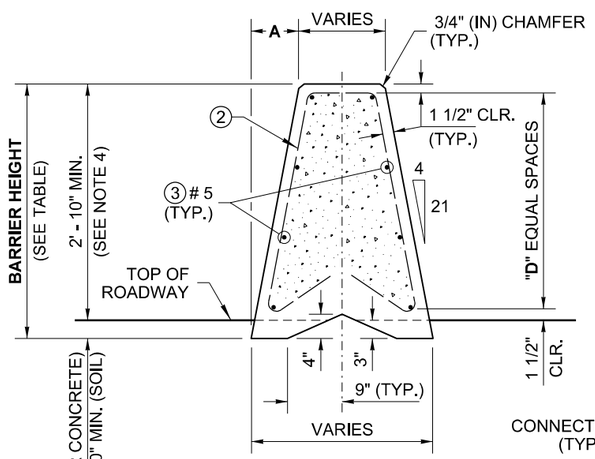
ELEVATION

NOTES

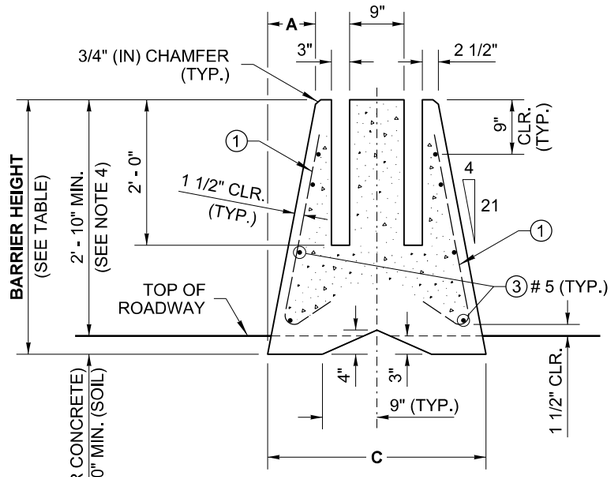
1. PERMANENT INSTALLATION requirements: Embed barrier 3" (in) minimum in asphalt or concrete; Embed barrier 10" (in) minimum in compacted soil. Install 3/8" (in) Premolded Joint Filler between segments; Fill the Connection Blockout with grout, centering the Rebar Grid in the blockout before adding grout.
2. See **Standard Plan C-70.10** for REBAR GRID DETAIL and BARRIER CONNECTION DETAIL.
3. This plan is for transitions to precast concrete barriers only.
4. When **High-Performance Concrete Barrier** is specified in the Contract, use the dimensions given in the H/P row in the DIMENSION TABLE, with a minimum height above roadway of 3' - 6" and a minimum embedment of 3" (in) asphalt or concrete, or 10" (in) minimum in compacted soil.



SECTION (A)



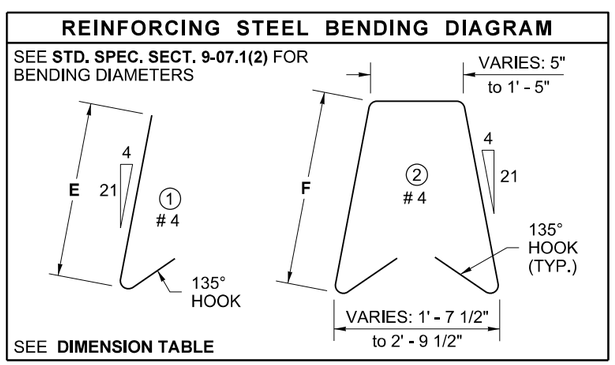
SECTION (B)



SECTION (C)

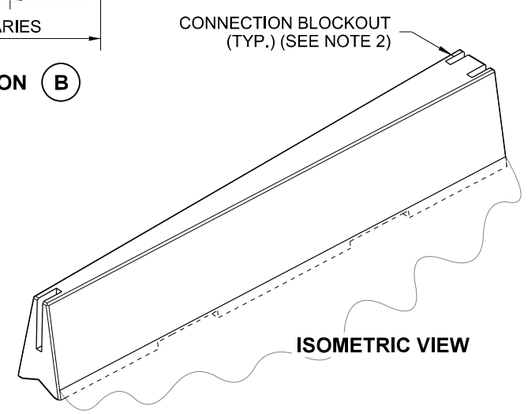
NOTE:
STEEL WELDED WIRE REINFORCEMENT DEFORMED FOR CONCRETE MAY BE SUBSTITUTED FOR REINFORCING STEEL IN ACCORDANCE WITH **STANDARD SPECIFICATION SECTION 6-10.3**

REINFORCING STEEL BENDING DIAGRAM



DIMENSION TABLE (SEE NOTE 4)

	BARRIER HEIGHT	A	B	C	D	E	F	HORIZONTAL BARS (QTY.)
STD.	3' - 6"	8"	2' - 0"	3' - 0"	3	2' - 8"	2' - 9"	8
H/P	4' - 0"	9 1/8"	2' - 2 1/4"	3' - 2 1/4"	4	3' - 2"	3' - 3"	10



ISOMETRIC VIEW

JOHN PATRICK DONAHUE
STATE OF WASHINGTON
29023
REGISTERED
PROFESSIONAL ENGINEER

2020.08.27 09:48:12 -07'00'

SINGLE-SLOPE CONCRETE BARRIER (PRECAST) TRANSITION SECTION

STANDARD PLAN C-75.10-02

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION
Date: 2020.09.16 09:56:28 -07'00'
STATE DESIGN ENGINEER
Washington State Department of Transportation