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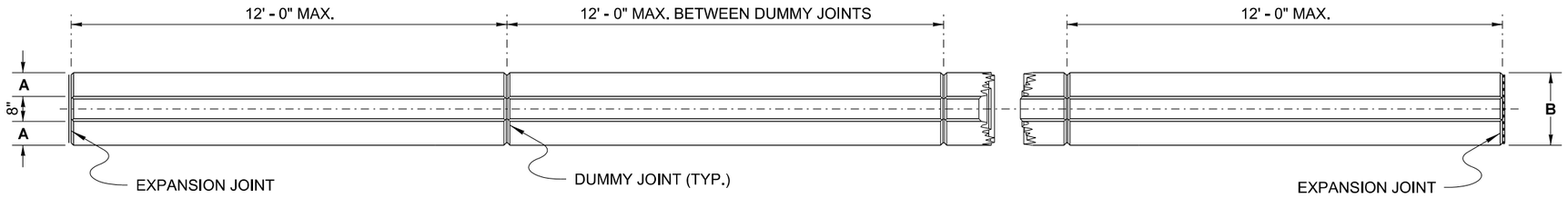
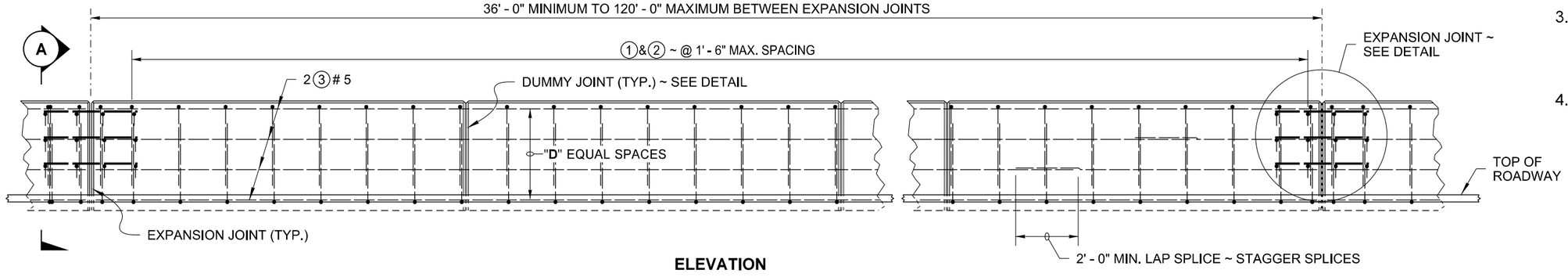


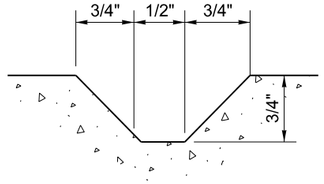
PLAN



ELEVATION

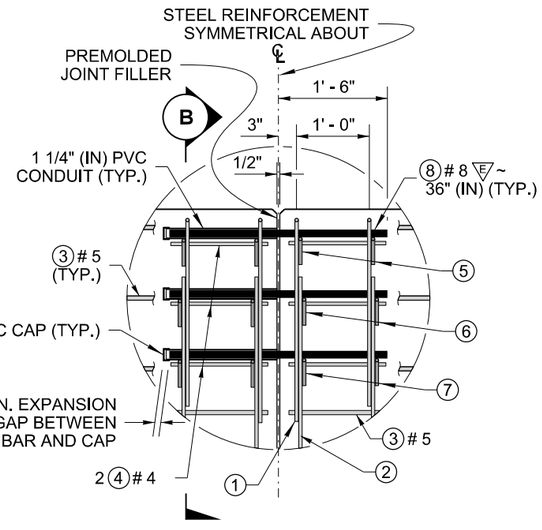
NOTES

1. Reinforcing steel dimensions and clearances are shown for stationary form construction. When slipform construction is used, increase reinforcing steel clearances to the outside surfaces of the barrier to 2 1/2" (in) and adjust the rebar dimensions as required.
2. When connecting between cast-in-place and pre-cast single-slope barrier, provide a Blockout, Rebar Grid, and added rebar, as shown in **Standard Plan C-70.10.**
3. The actual dimensions will vary as the grades change and the barrier transitions in height and width. The dimensions may be interpolated for intermediate barrier heights.
4. For barrier with a 2' - 10" reveal, see **Sheet 2.** For High-Performance Barrier with a 3' - 6" reveal, see **Sheet 3**.

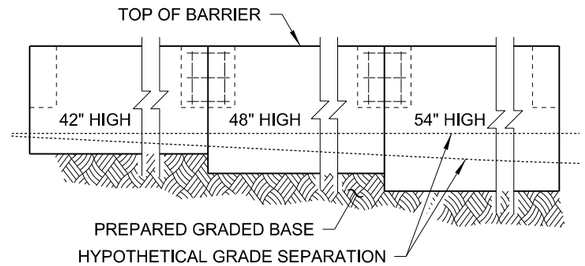


TYPICAL SECTION

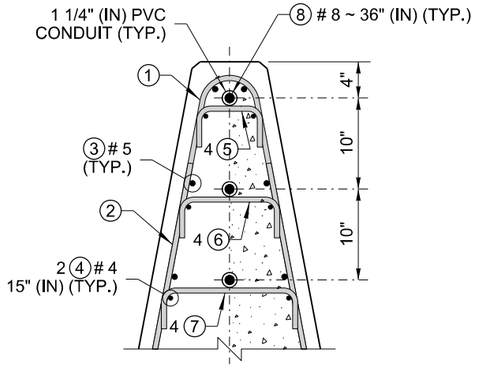
DUMMY JOINT DETAIL



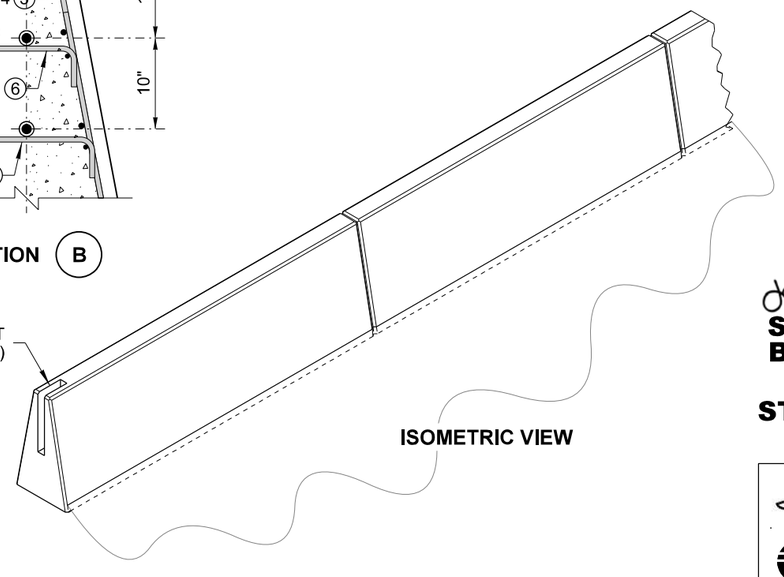
EXPANSION JOINT DETAIL



BARRIER TRANSITION DETAIL



SECTION B

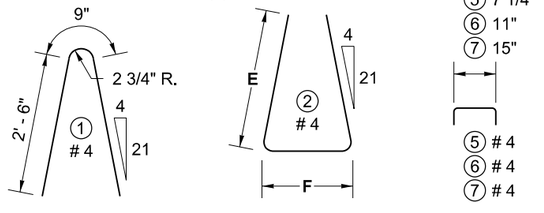


ISOMETRIC VIEW

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

REINFORCING STEEL BENDING DIAGRAM

SEE **STD. SPEC. SECT. 9-07.1(2)** FOR BENDING DIAMETERS



5 7 1/4"
6 11"
7 15"

5 # 4
6 # 4
7 # 4

(SEE NOTE 3)

DIMENSION TABLE (SEE NOTE 3)

BARRIER HEIGHT	A	B	D	E	F	HORIZONTAL BARS (QTY.)
3' - 6"	8"	2' - 0"	3	2' - 6"	1' - 8"	8
4' - 0"	9 1/8"	2' - 2 1/4"	4	3' - 0"	1' - 10"	10
4' - 6"	10 1/4"	2' - 4 1/2"	5	3' - 6 1/2"	2' - 0"	12

JOHN PATRICK DONAHUE
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29023
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PROFESSIONAL ENGINEER

2020.08.27 09:49:25 -07'00'

SINGLE-SLOPE CONCRETE BARRIER (CAST-IN-PLACE) DUAL-FACED

STANDARD PLAN C-80.10-02

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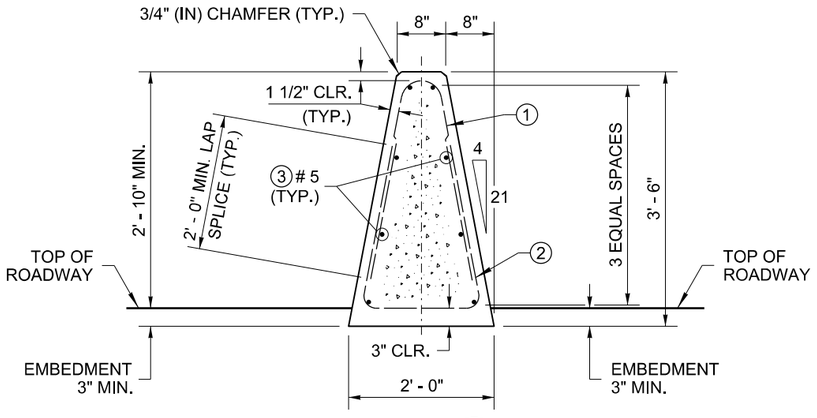
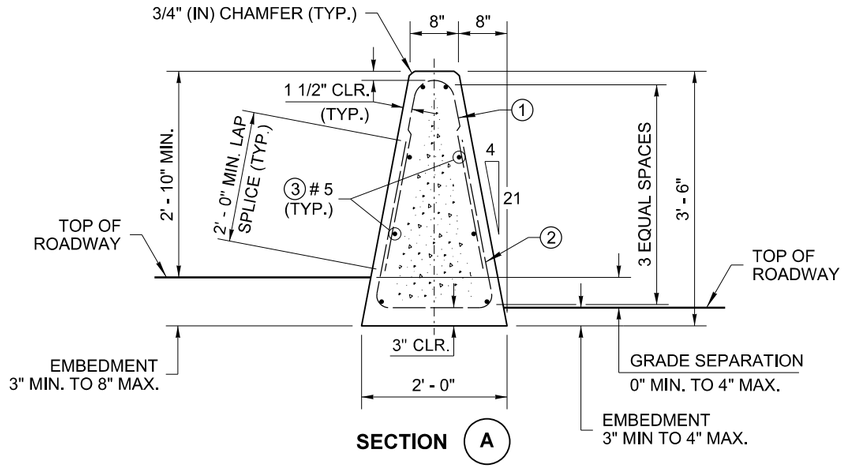


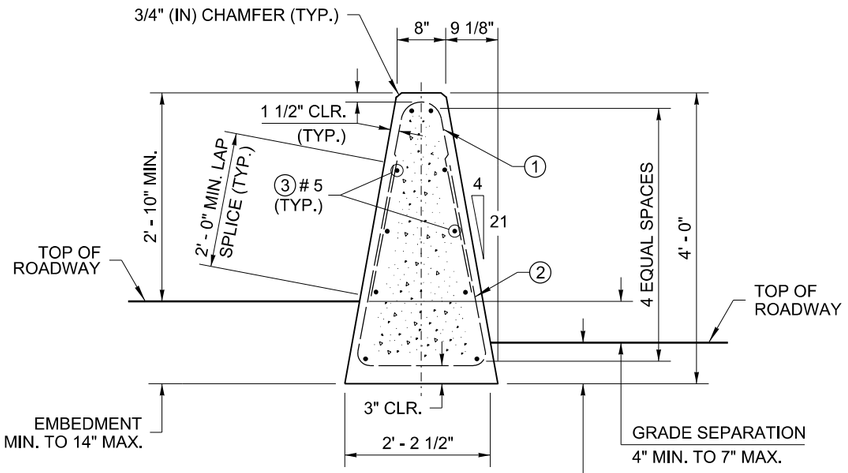
SECTION A

3' - 6" BARRIER
SHOWN LEVEL



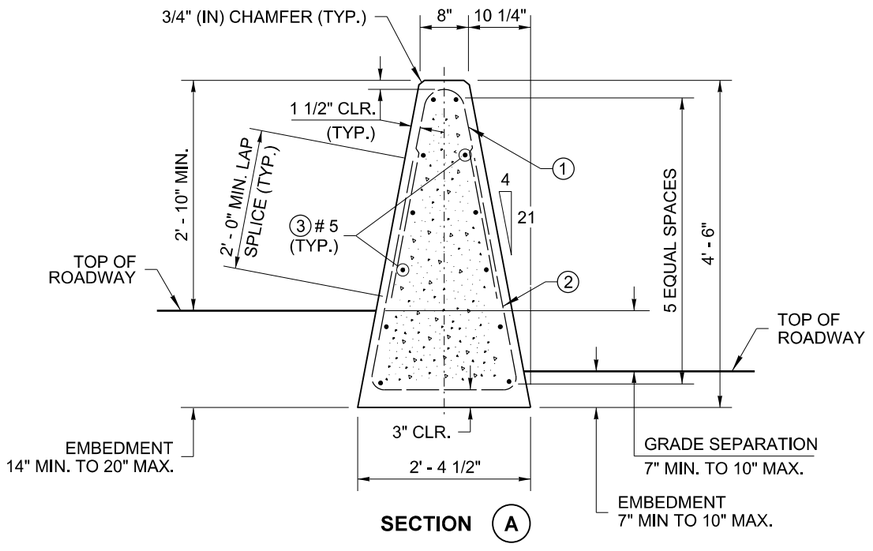
SECTION A

3' - 6" BARRIER FOR USE WITH A
0" (IN) TO 4" (IN) MAX. GRADE SEPARATION
(SEE NOTE 3)



SECTION A

4' - 0" BARRIER FOR USE WITH A
GREATER THAN 4" (IN) TO 7" (IN) MAX.
GRADE SEPARATION
(SEE NOTE 3)



SECTION A

4' - 6" BARRIER FOR USE WITH A
GREATER THAN 7" (IN) TO 10" (IN) MAX.
GRADE SEPARATION
(SEE NOTE 3)

SINGLE SLOPE BARRIER - 2' - 10" MIN. REVEAL
3" (IN) MIN. EMBEDMENT

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SINGLE-SLOPE CONCRETE BARRIER (CAST-IN-PLACE) DUAL-FACED

STANDARD PLAN C-80.10-02

SHEET 2 OF 3 SHEETS

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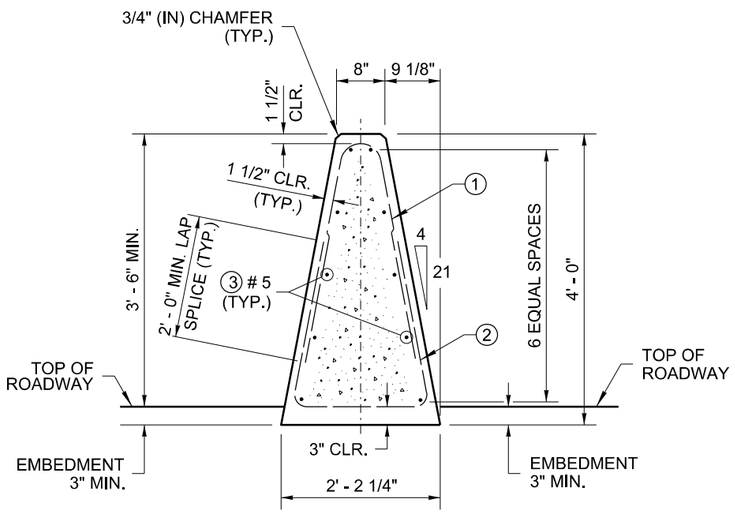
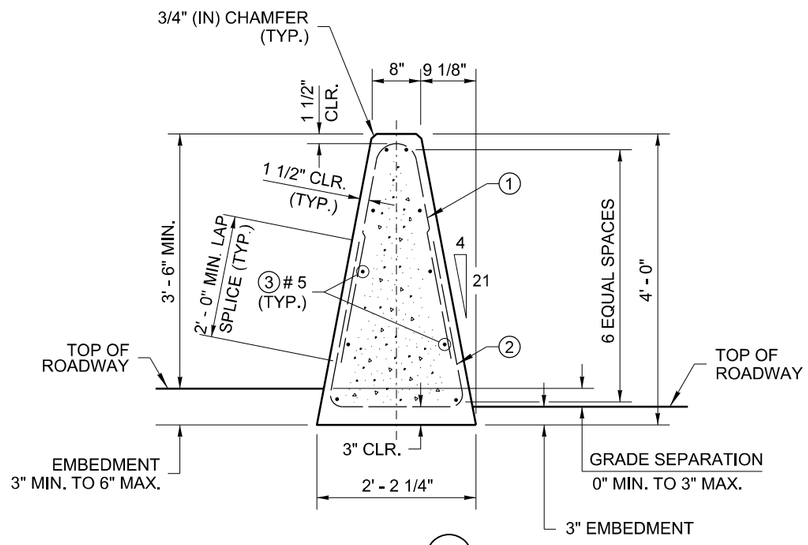


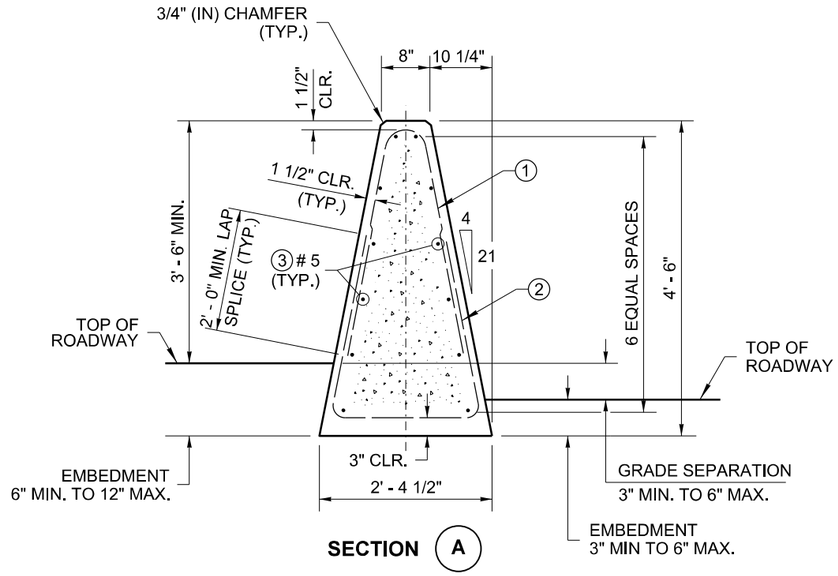
SECTION (A)

4' - 0" BARRIER SHOWN LEVEL



SECTION (A)

4' - 0" BARRIER FOR USE WITH A 0" (IN) TO 3" (IN) MAX. GRADE SEPARATION (SEE NOTE 3)



SECTION (A)

4' - 6" BARRIER FOR USE WITH A GREATER THAN 3" (IN) TO 6" (IN) MAX. GRADE SEPARATION (SEE NOTE 3)

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2020.08.31 10:43:08 -07'00'

SINGLE-SLOPE CONCRETE BARRIER (CAST-IN-PLACE) DUAL-FACED

STANDARD PLAN C-80.10-02

SHEET 3 OF 3 SHEETS

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STATE DESIGN ENGINEER
Washington State Department of Transportation

HIGH-PERFORMANCE SINGLE SLOPE BARRIER - 3' - 6" MIN. REVEAL
3" (IN) MIN. EMBEDMENT