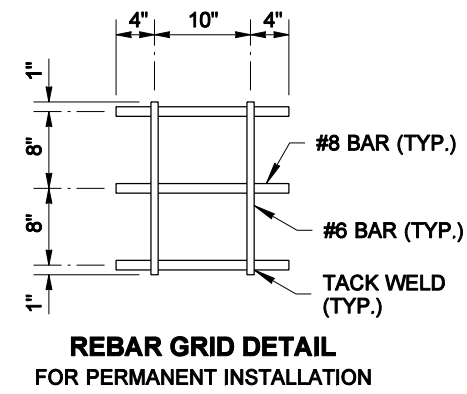
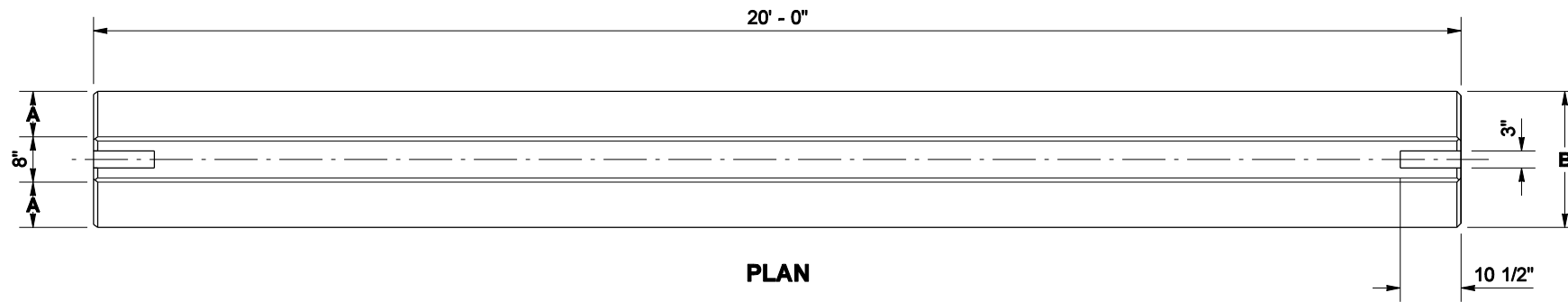
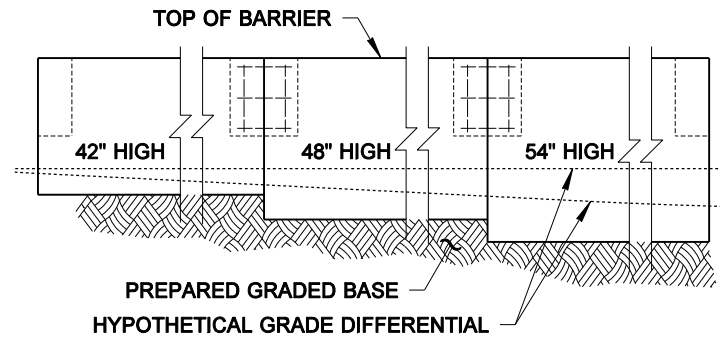
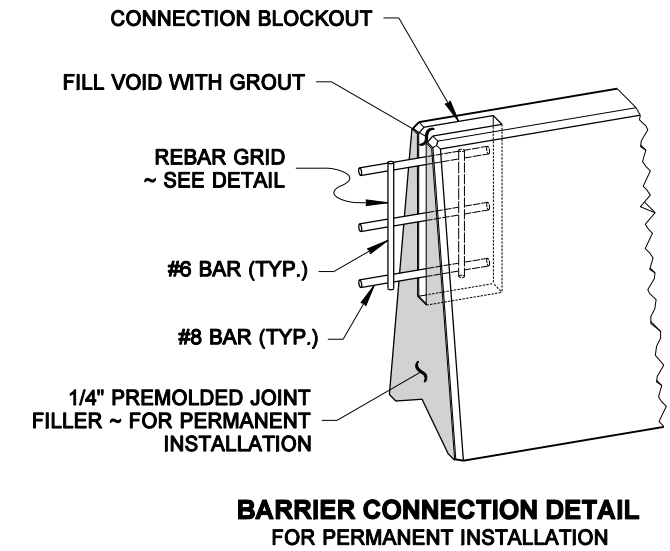
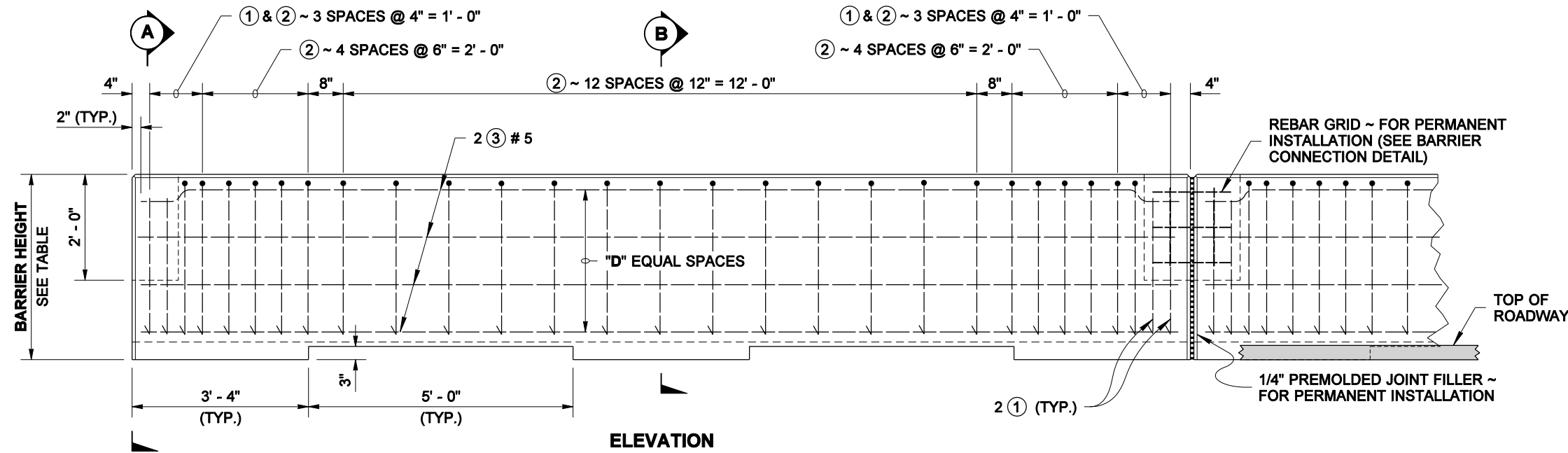


DRAWN BY: LISA CYFORD



NOTES

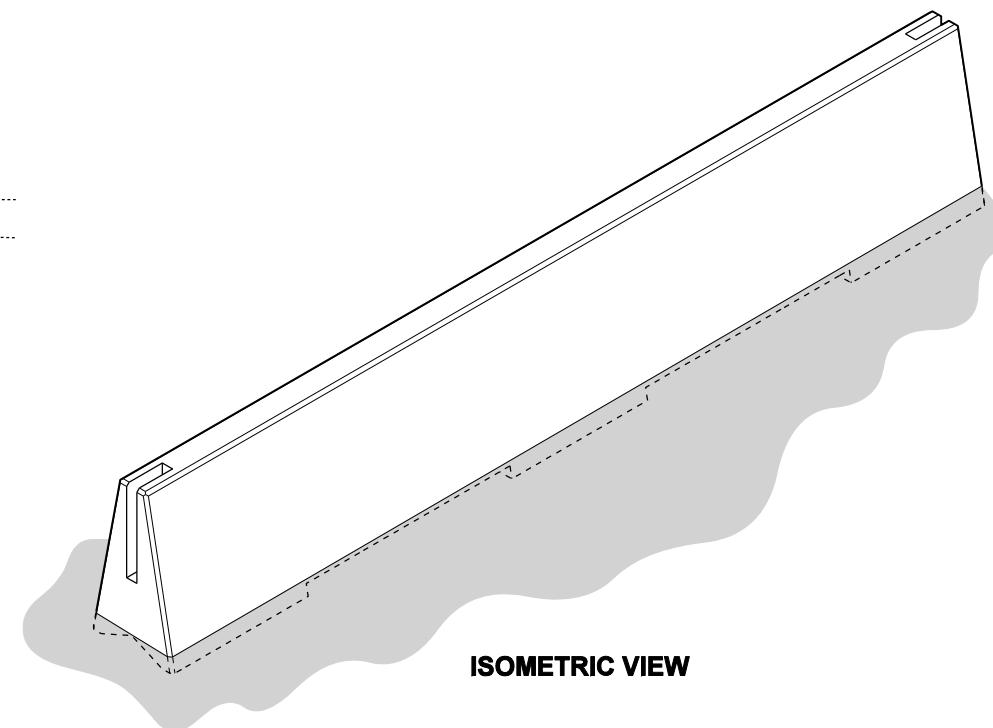
1. PERMANENT INSTALLATION requirements: embed barrier 3" minimum. Install 1/4" Premolded Joint Filler between segments, fill the Connection Blockout with grout, centering the Rebar Grid in the blockout before adding grout.
2. TEMPORARY INSTALLATION requirement: place a Rebar Grid in the Connection Blockout between barrier segments.
3. Installation on a horizontal curve with a radius less than 2000' requires a modified end design.
4. For Barrier with a 2' - 10" reveal, see sheet 2.
For High Performance Barrier with a 3' - 6" reveal, see sheet 3.



REINFORCING STEEL BENDING DIAGRAM
SEE STD. SPEC. 9-07.1(2) FOR BENDING DIAMETERS

SEE DIMENSION TABLE

DIMENSION TABLE							
BARRIER HEIGHT	A	B	D	E	F	G	HORIZONTAL BARS (QTY.)
3' - 6"	8"	2' - 0"	3	2' - 8"	2' - 10"	1' - 7"	8
4' - 0"	9 1/8"	2' - 2 1/4"	4	3' - 2"	3' - 4"	1' - 9"	10
4' - 6"	10 1/4"	2' - 4 1/2"	5	3' - 8"	3' - 10"	1' - 11"	12



EXPIRES JULY 24, 2008

**SINGLE SLOPE
CONCRETE BARRIER
(PRECAST)
STANDARD PLAN C-13**

SHEET 1 OF 3 SHEETS

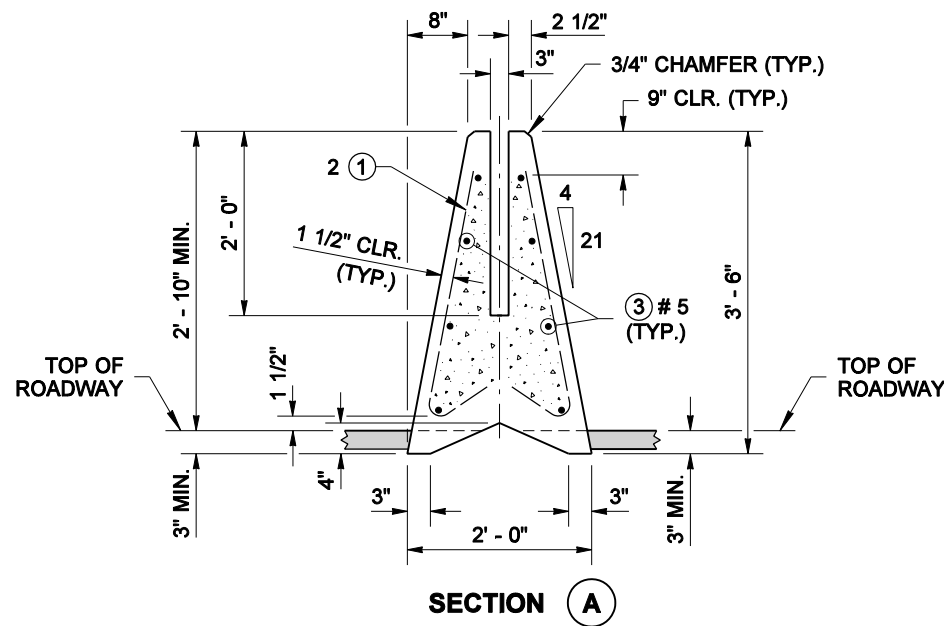
APPROVED FOR PUBLICATION

Pasco Bakotich III **07-03-08**

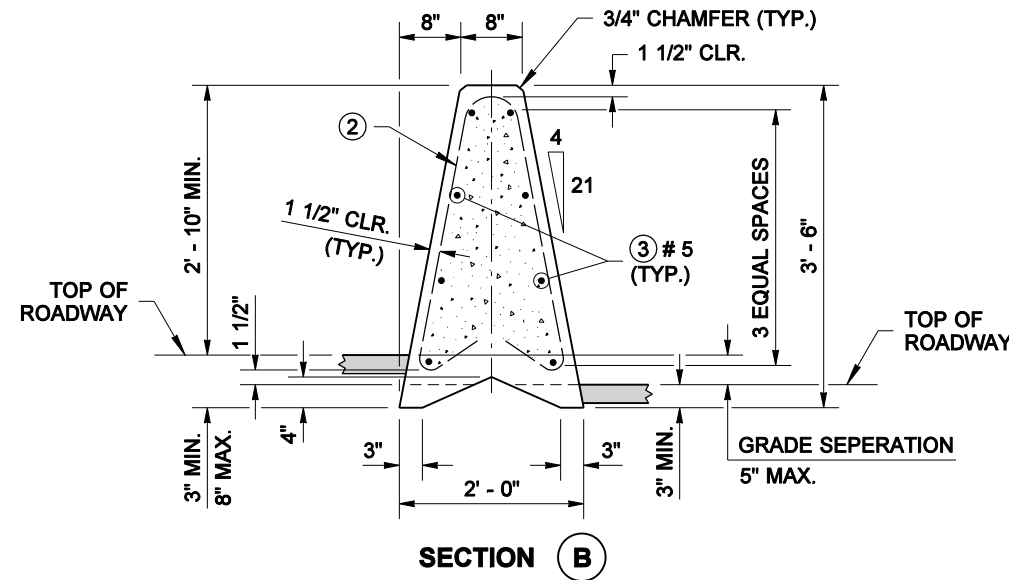
STATE DESIGN ENGINEER DATE



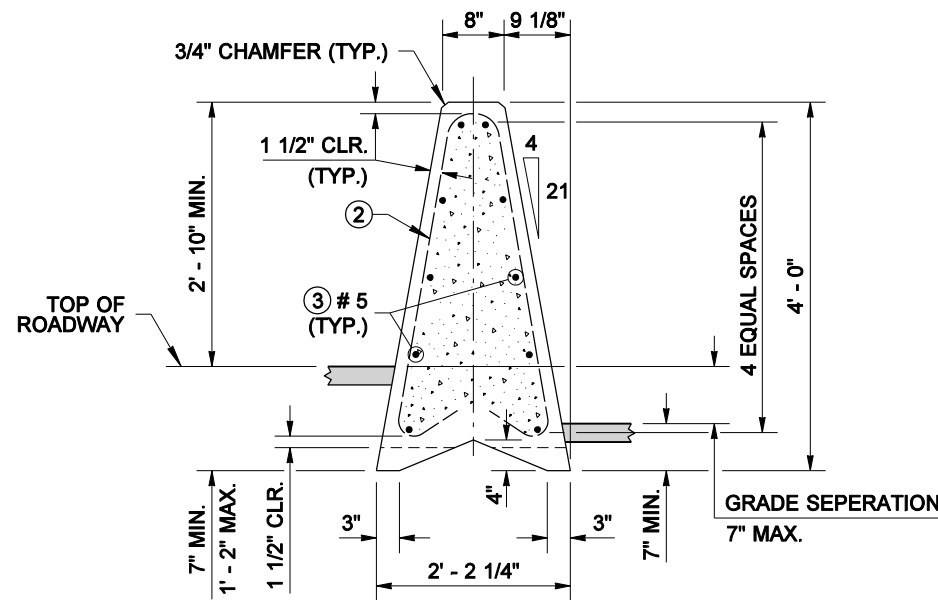
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT
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THE ENGINEER HAS REVIEWED THE CONTRACT, IS REGISTERED
FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION.
A COPY MAY BE OBTAINED UPON REQUEST.



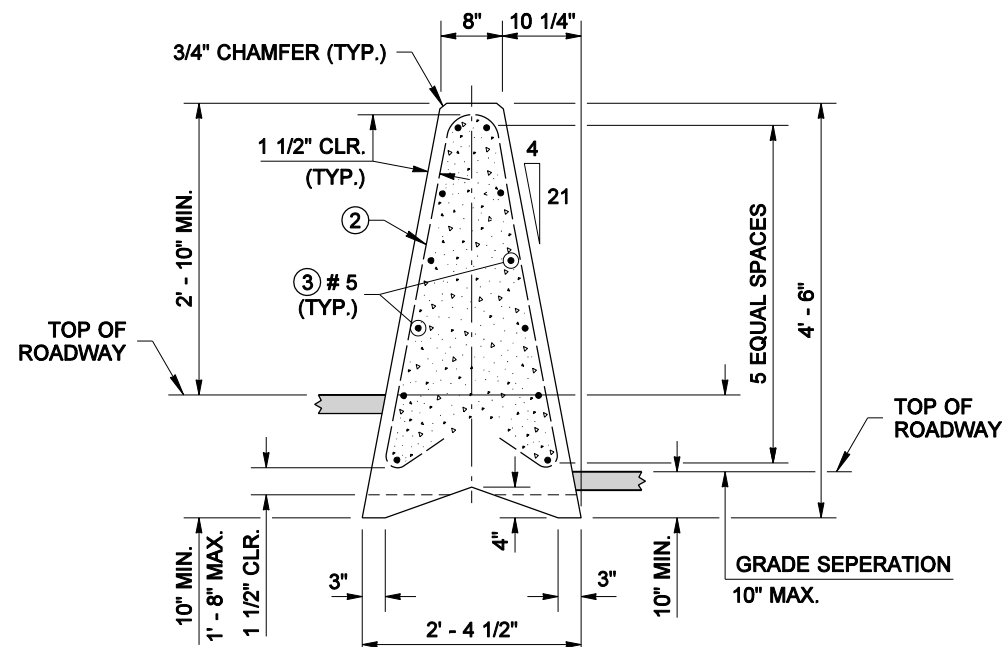
3' - 6" BARRIER SHOWN LEVEL



3' - 6" BARRIER FOR USE WITH A 0" TO 5" MAX. GRADE SEPARATION



4' - 0" BARRIER FOR USE WITH A GREATER THAN 5" TO 7" MAX. GRADE SEPARATION



4' - 6" BARRIER FOR USE WITH A GREATER THAN 7" TO 10" MAX. GRADE SEPARATION

STANDARD MOUNTING HEIGHT



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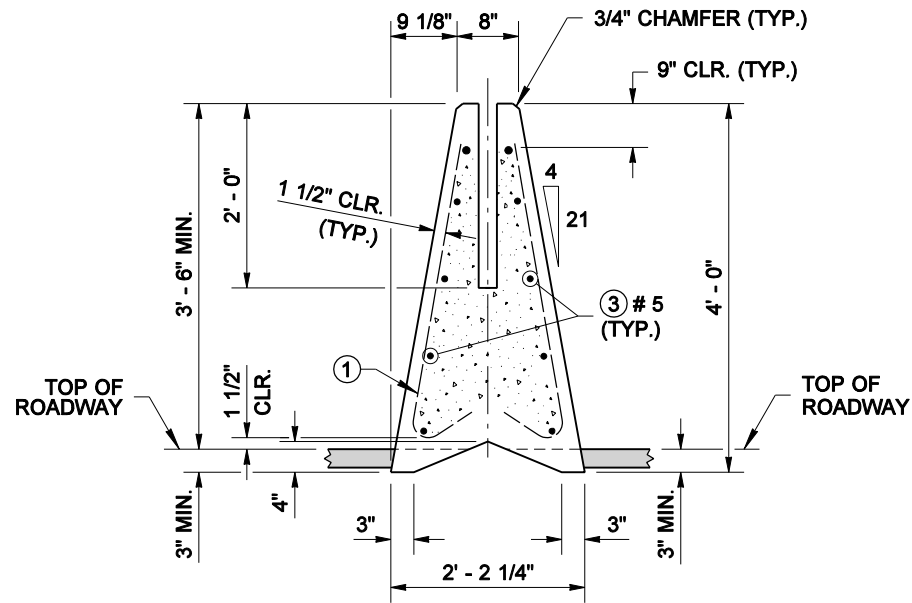
SINGLE SLOPE CONCRETE BARRIER (PRECAST) STANDARD PLAN C-13

SHEET 2 OF 3 SHEETS

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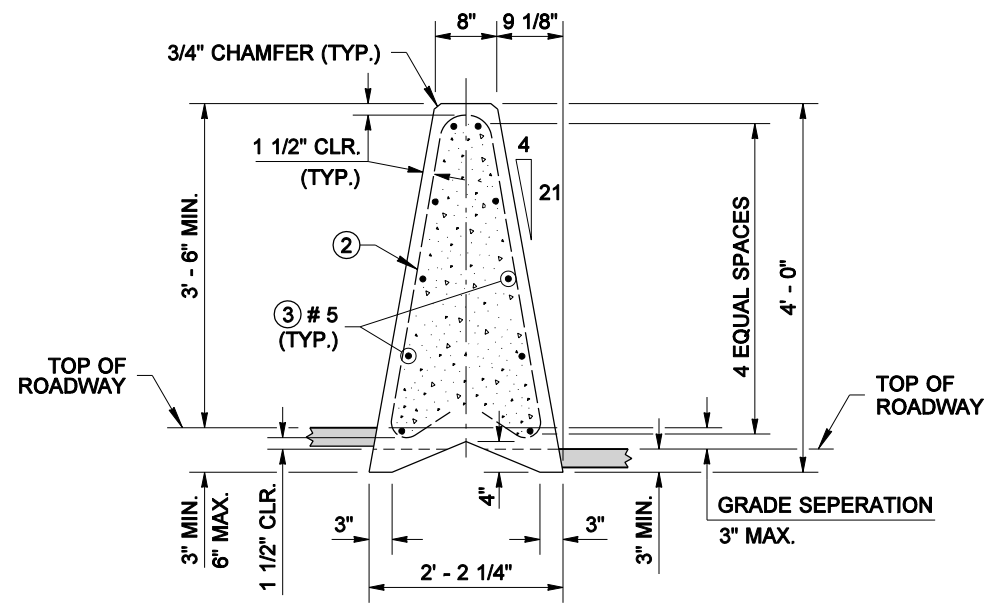
Pasco Bakotich III 07-03-08
STATE DESIGN ENGINEER DATE





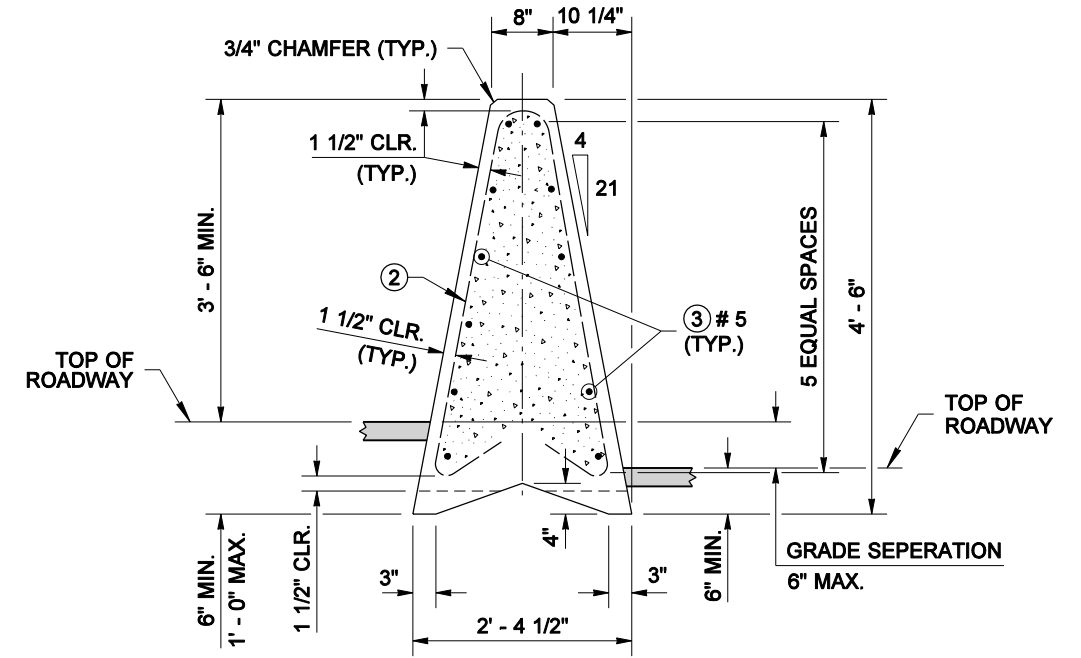
SECTION A

4' - 0" BARRIER SHOWN LEVEL



SECTION B

4' - 0" BARRIER FOR USE WITH A 0" TO 3" MAX. GRADE SEPARATION



SECTION B

4' - 6" BARRIER FOR USE WITH A GREATER THAN 3" TO 6" MAX. GRADE SEPARATION



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**SINGLE SLOPE
CONCRETE BARRIER
(PRECAST)
STANDARD PLAN C-13**

SHEET 3 OF 3 SHEETS

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HIGH PERFORMANCE BARRIER