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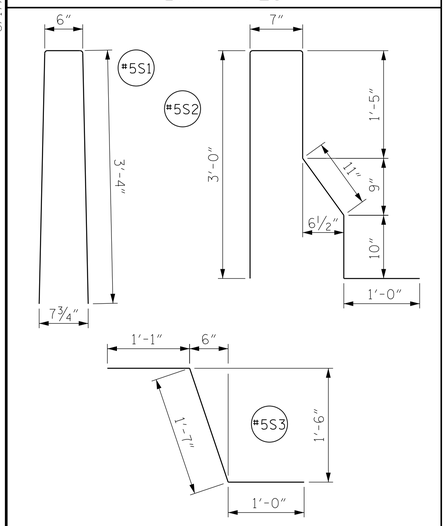
8/17/99

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

EPOXY COATED REINFORCING STEEL	1,871 LBS.
CLASS AA CONCRETE	9.3 C.Y.

NOTES:

THE BARRIER RAIL SHALL NOT BE CAST UNTIL ALL MOMENT SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

MOMENT SLAB AND BARRIER RAIL SHALL BE CLASS AA CONCRETE.

ALL REINFORCING STEEL IN THE VERTICAL CONCRETE BARRIER RAIL AND THE MOMENT SLAB SHALL BE EPOXY COATED.

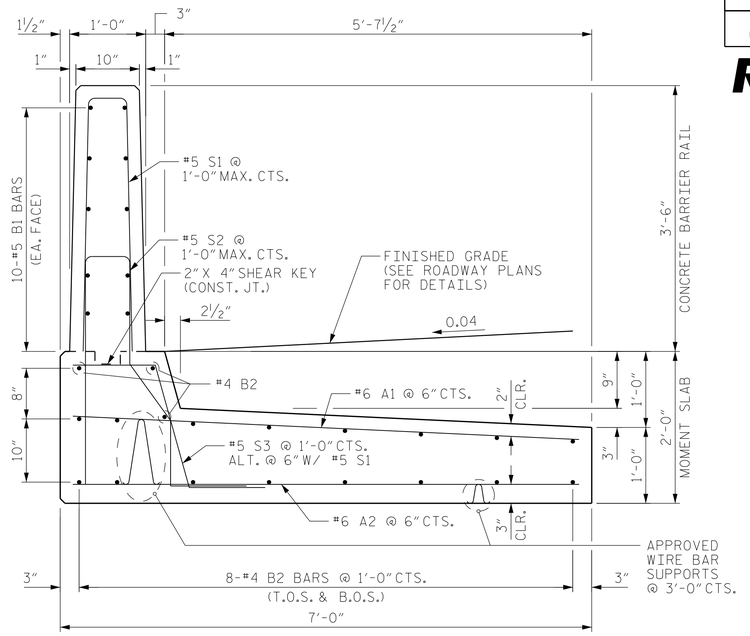
GROOVED CONTRACTION JOINTS, ½" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE BARRIER RAIL AND MOMENT SLAB IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED APPROXIMATELY AT EACH QUARTER POINT OF THE TOTAL LENGTH OF THE BARRIER RAIL.

FIELD BEND BARS AS NECESSARY.

FIELD CUT "B" BARS AS NECESSARY.

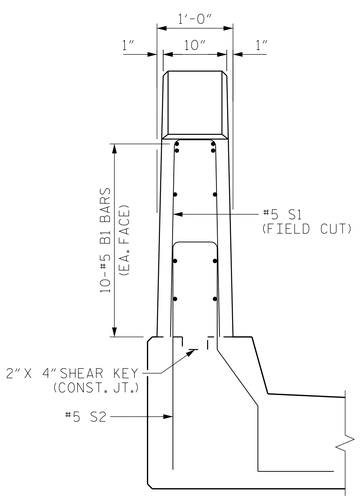
BELOW THE MOMENT SLAB, PROVIDE 6" MINIMUM THICKNESS OF CLASS VI SELECT MATERIAL FOUNDATION CONDITIONING MATERIAL.

CONCRETE BARRIER RAIL ON MOMENT SLAB SHALL BE A STRUCTURE PAY ITEM.

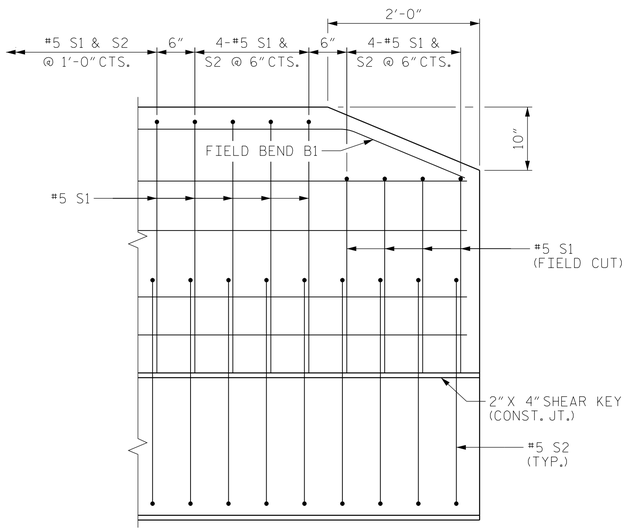


SECTION THROUGH MOMENT SLAB

LOOKING DOWNSTATION

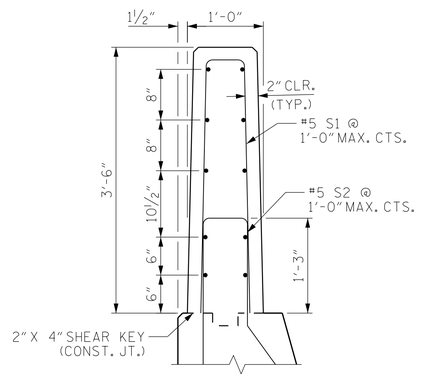


END VIEW



SIDE VIEW

END OF RAIL DETAILS



SECTION THRU RAIL

BARRIER RAIL DETAILS

LOOKING DOWNSTATION

PROJECT REFERENCE NO.	SHEET NO.
DF18314.2045332	2C-6

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 029866 DAVID B TAYLOR
4/13/2026

STRUCTURAL ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 052672 MATTHEW R ACOSTA
4/13/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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