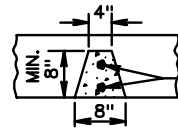


PLAN VIEW



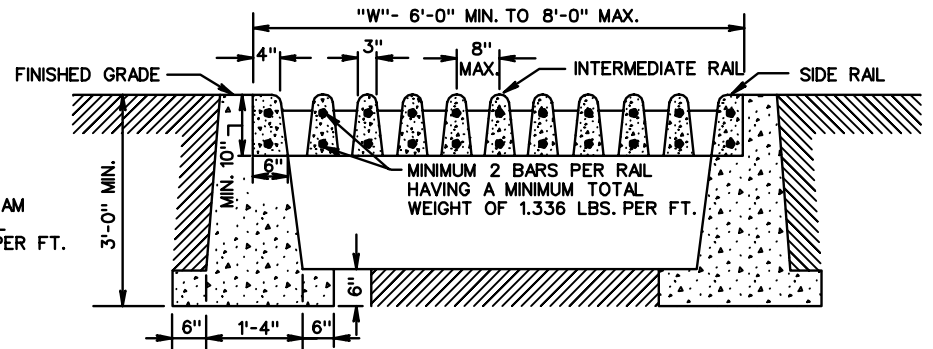
MINIMUM 2 BARS PER BEAM  
HAVING A MINIMUM TOTAL  
WEIGHT OF 2.004 LBS. PER FT.

SECTION B-B  
TYPICAL BEAM SECTION

NOTES:  
ANY MANUFACTURERS FABRICATION MEETING OR EXCEEDING  
THE MINIMUM DESIGN REQUIREMENTS DETAILED HEREON  
WILL BE ACCEPTABLE.  
ALL CONCRETE IN PRECAST MEMBERS TO BE 4000 PSI  
CONCRETE IN FOOTING TO BE CLASS C1 OR CLASS A3.  
LENGTH TO BE AS SHOWN ON PLANS.

MINIMUM SECTIONAL AREA  
OF MEMBERS

INTERMEDIATE RAIL	— 28 SQ. IN.
SIDE RAIL	— 50 SQ. IN.
BEAM	— 48 SQ. IN.



SECTION A-A

SPECIFICATION  
REFERENCE

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PRECAST CONCRETE CATTLE GUARD

VIRGINIA DEPARTMENT OF TRANSPORTATION