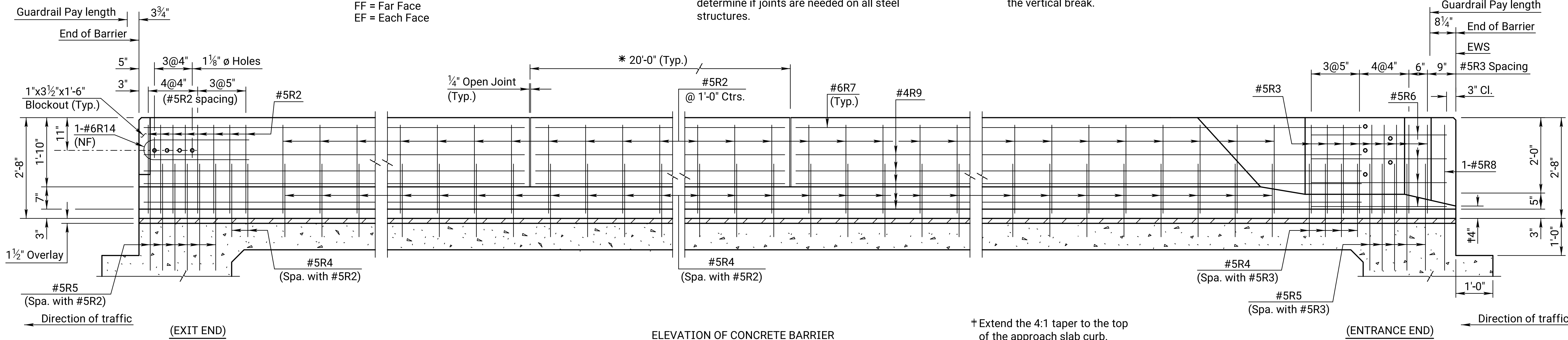


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	0	0	0	0

LEGEND
NF = Near Face
FF = Far Face
EF = Each Face

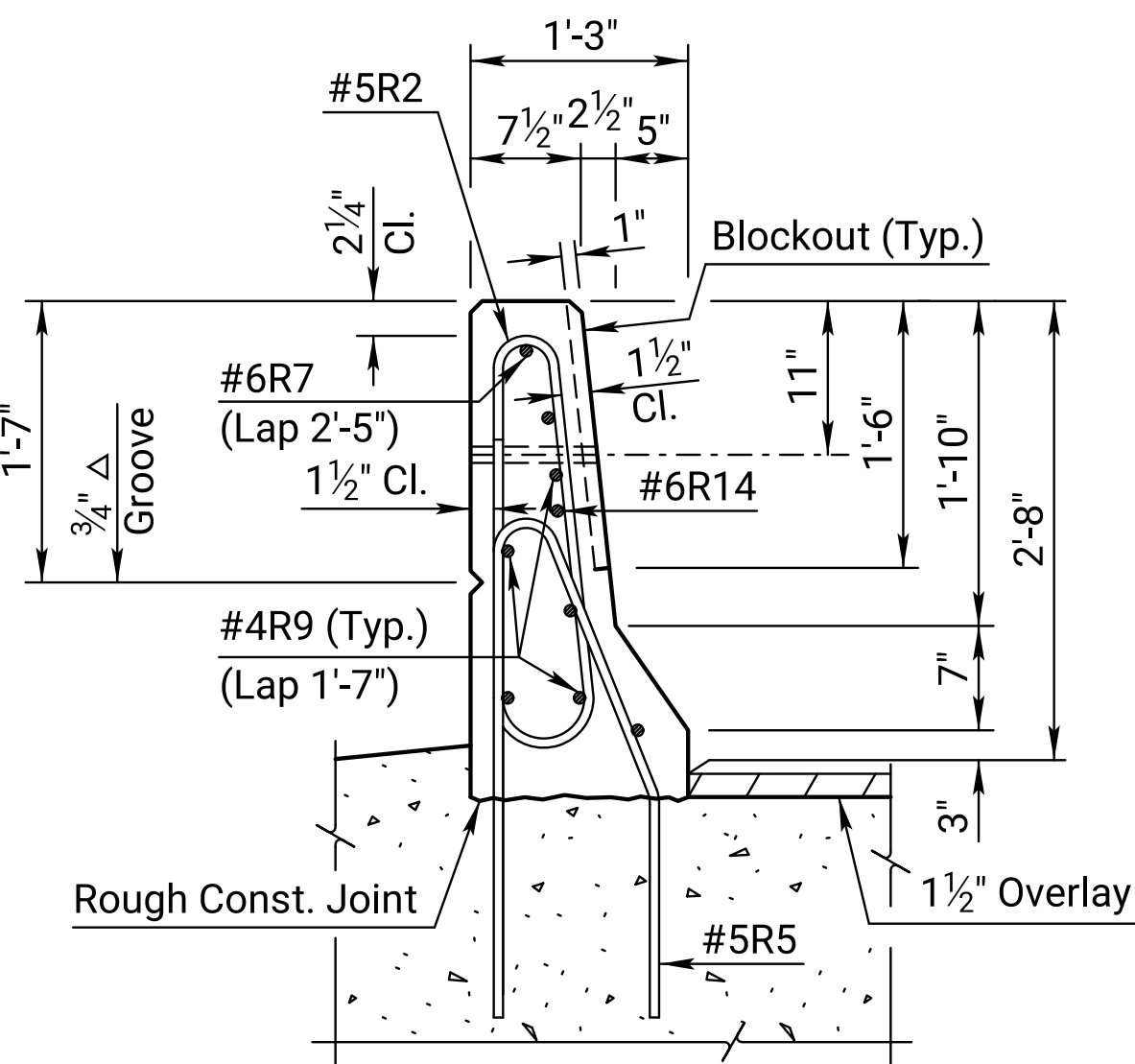
*NOTE TO DESIGNER: Do not use vertical joints on Prestressed or Concrete bridges with a total length less than 400 feet. The Designer will determine if joints are needed on all steel structures.

NOTE TO DESIGNER: Doubly reinforce areas of Barrier at joints and at end sections without an end block. Doubly reinforce for a length equal to the depth of the vertical break.

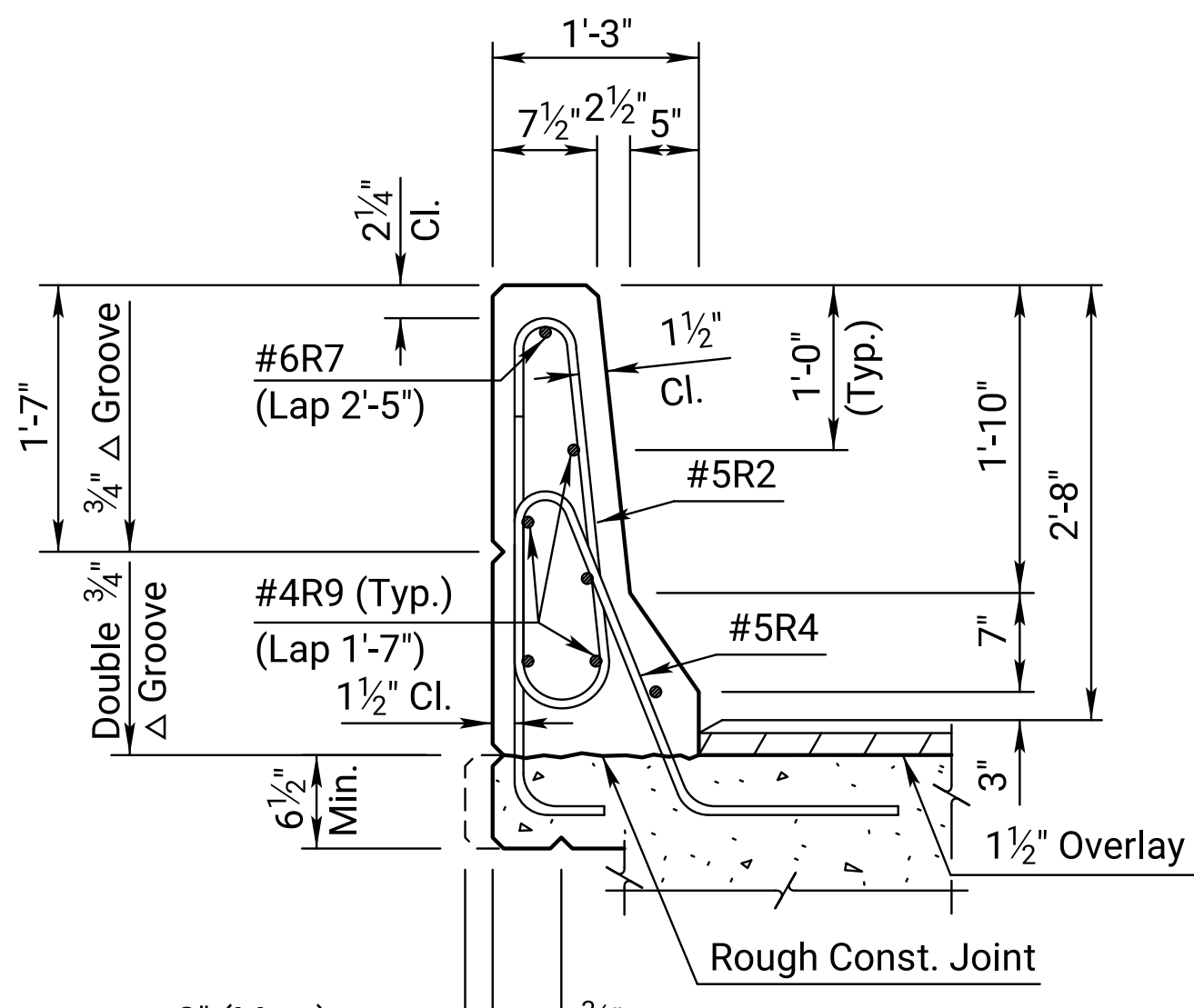


ELEVATION OF CONCRETE BARRIER

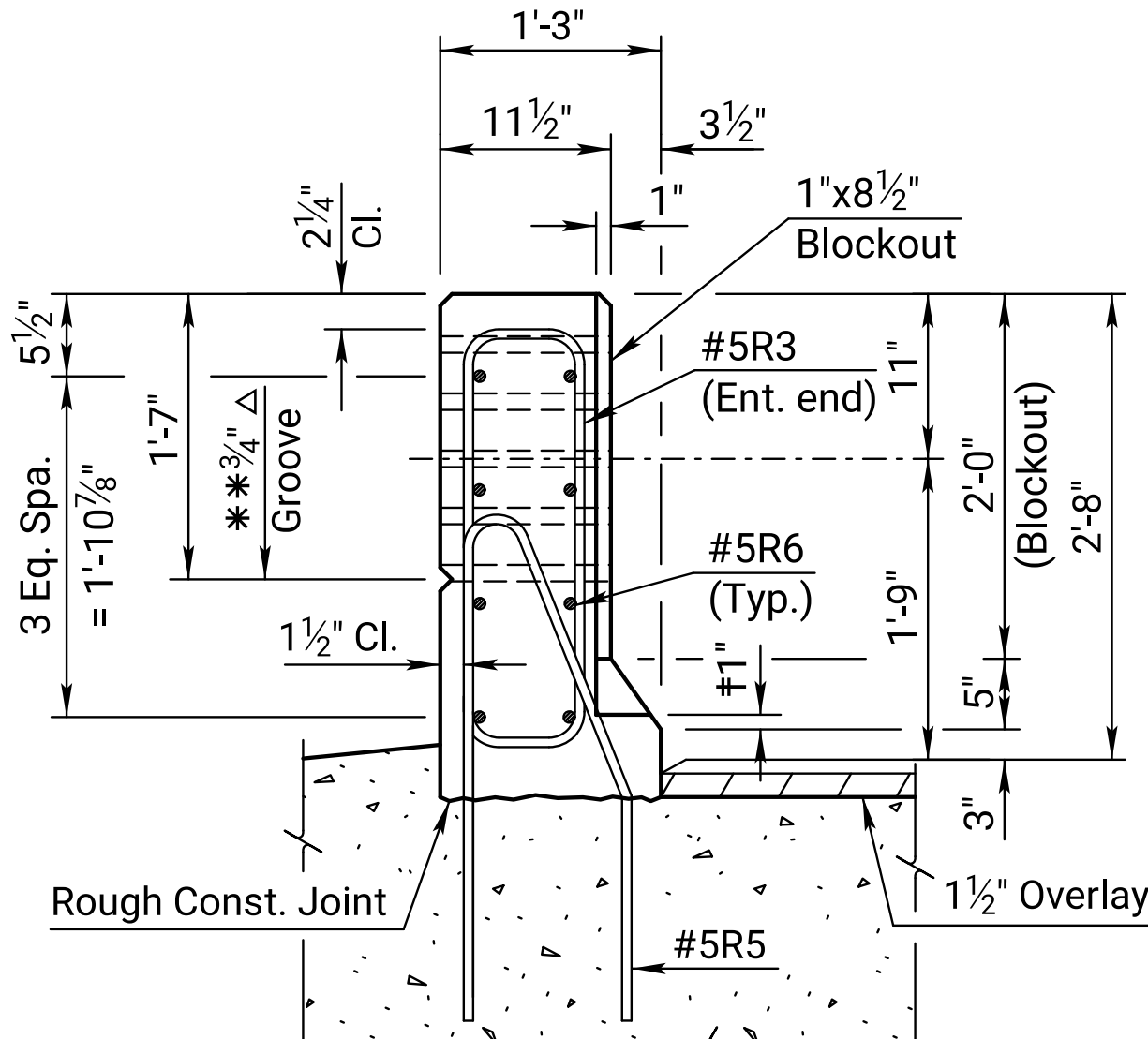
+ Extend the 4:1 taper to the top of the approach slab curb.



SECTION THRU BARRIER
EXIT TYPE END
(At abutment)

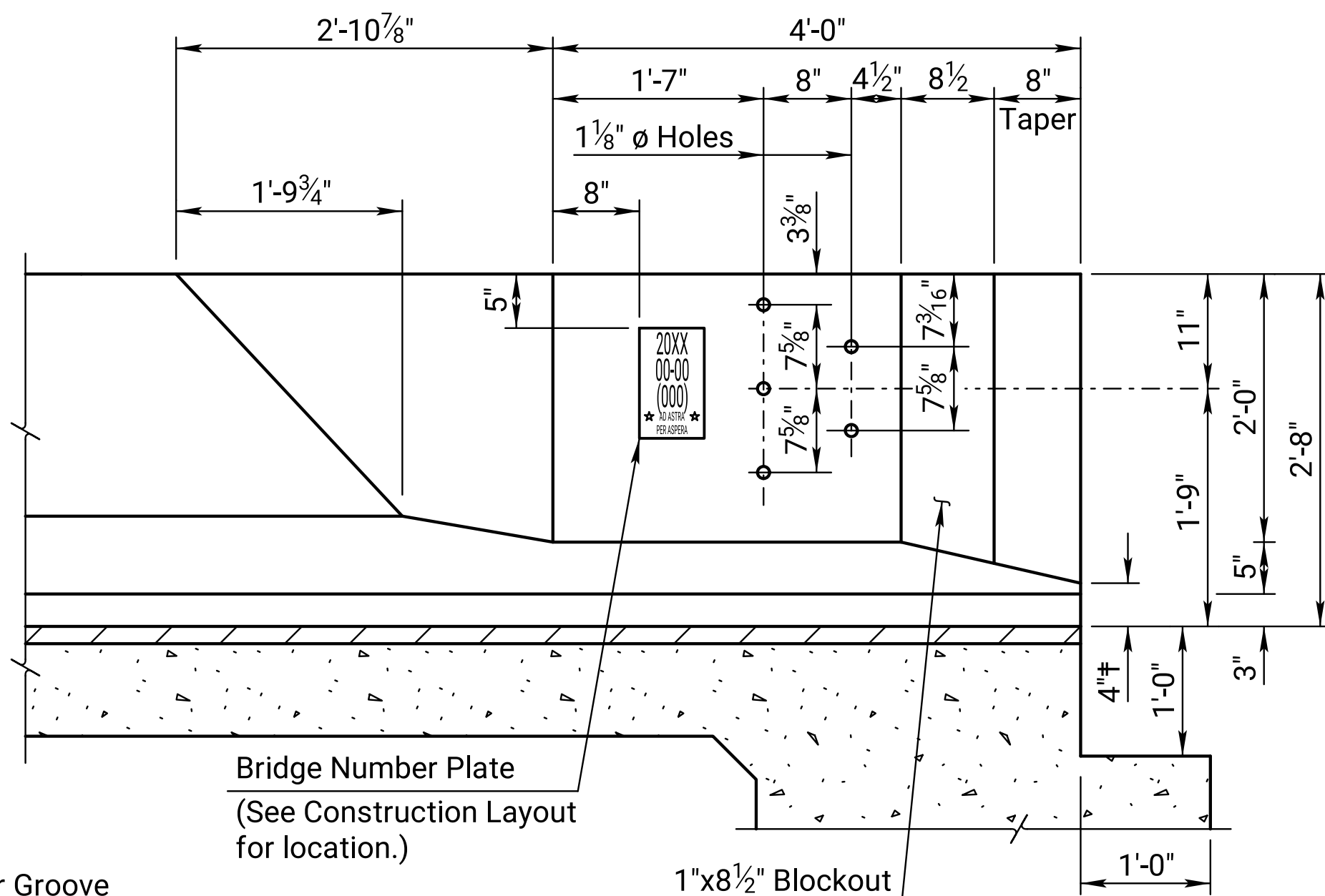


SECTION THRU BARRIER
ENTRANCE TYPE END
(At abutment)

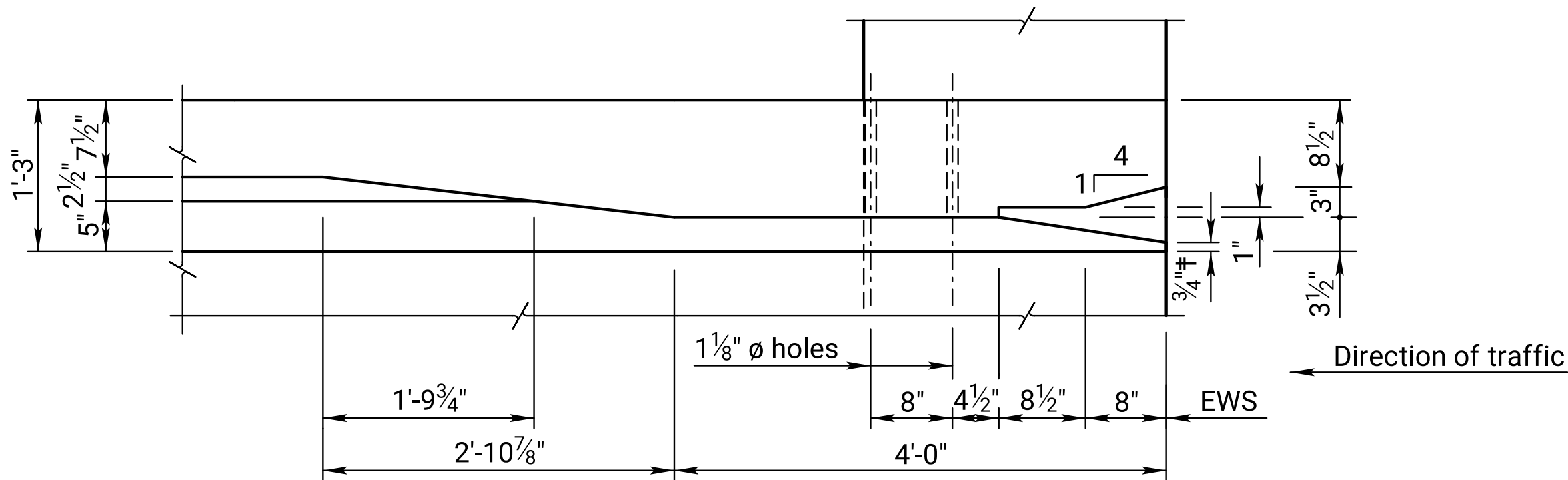


SECTION THRU BARRIER
ENTRANCE TYPE END
(At abutment)

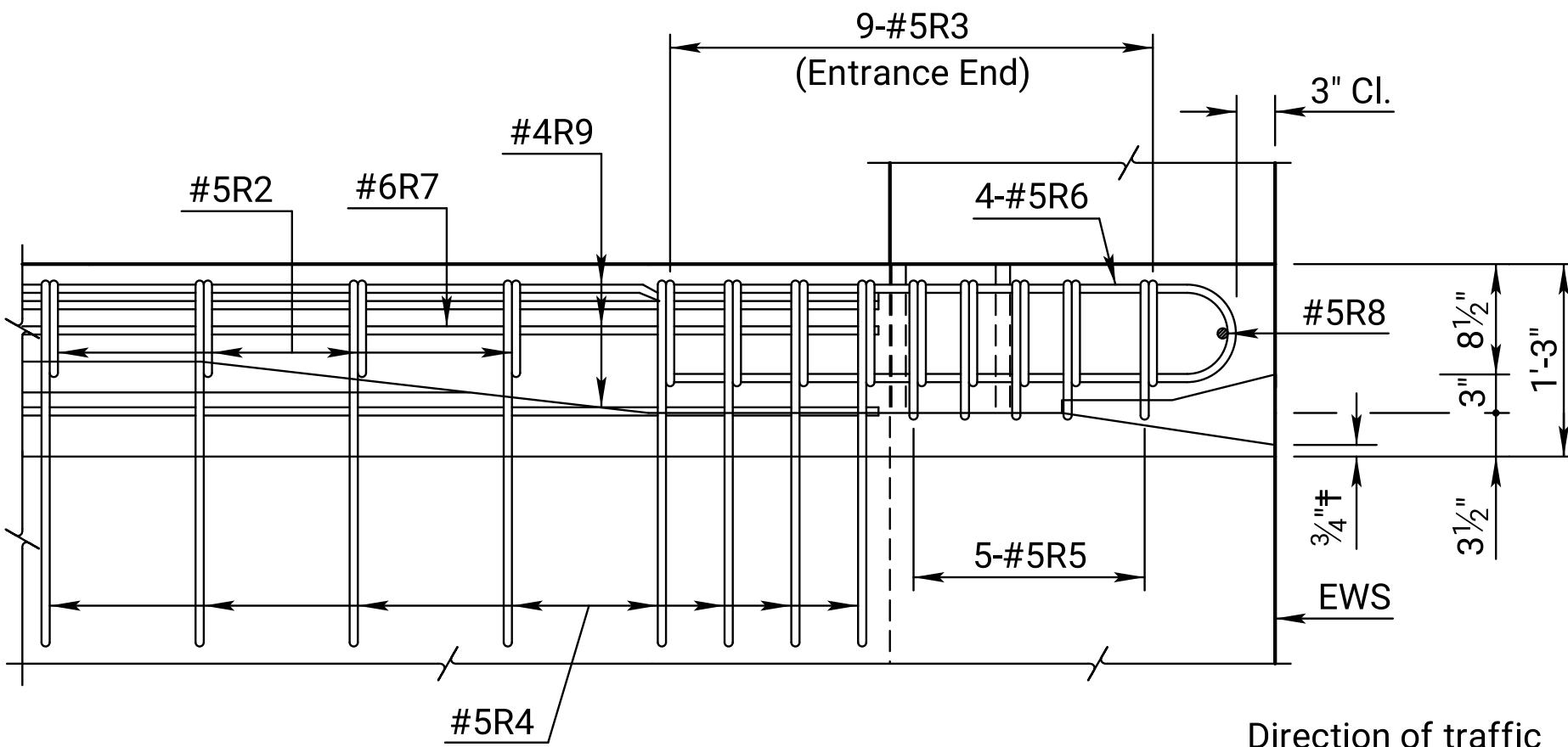
**Eliminate the 3/4" Triangular Groove where it conflicts with the 1 1/8" ø hole.



ELEVATION OF ENTRANCE TYPE END



PLAN OF ENTRANCE TYPE END



PLAN OF ENTRANCE TYPE END

NOTE TO DESIGNER:
The entrance type end is used at all four corners in most cases.

03				
02	10-04-07	Grove Conflict Resolved	J.P.J.	K.F.H.
01	07-24-06	Current Release	J.P.J.	K.F.H.
NO.	DATE	REVISIONS	BY	APPD
KANSAS DEPARTMENT OF TRANSPORTATION				
Br. No.			Sta.	
F4 BARRIER (Bridges) (With 1 1/2" Overlay)			Co.	
DESIGNED	DETAILED	QUANTITIES	CADD	
DESIGN CK.	DETAIL CK.	QUAN. CK.	CADD CK.	