

GENERAL NOTES

UNIT STRESSES: $f_c = 1200 \text{ p.s.i.}$, $f_s = 30000 \text{ p.s.i.}$, $f_s = 20,000 \text{ p.s.i.}$

TRAFFIC: Traffic shall be carried through construction. (See Traffic control sheets)

CONCRETE: Class AAA Conc(AE) shall be used throughout. Bevel all exposed edges with a $\frac{3}{4}$ " triangular molding unless otherwise noted.

REINFORCING: All dimensions relative to reinforcing steel are to centerline of bar unless otherwise noted.

DIMENSIONS: Dimensions and stations of existing structures are taken from old plans and shall be verified by the Contractor in the field prior to construction.

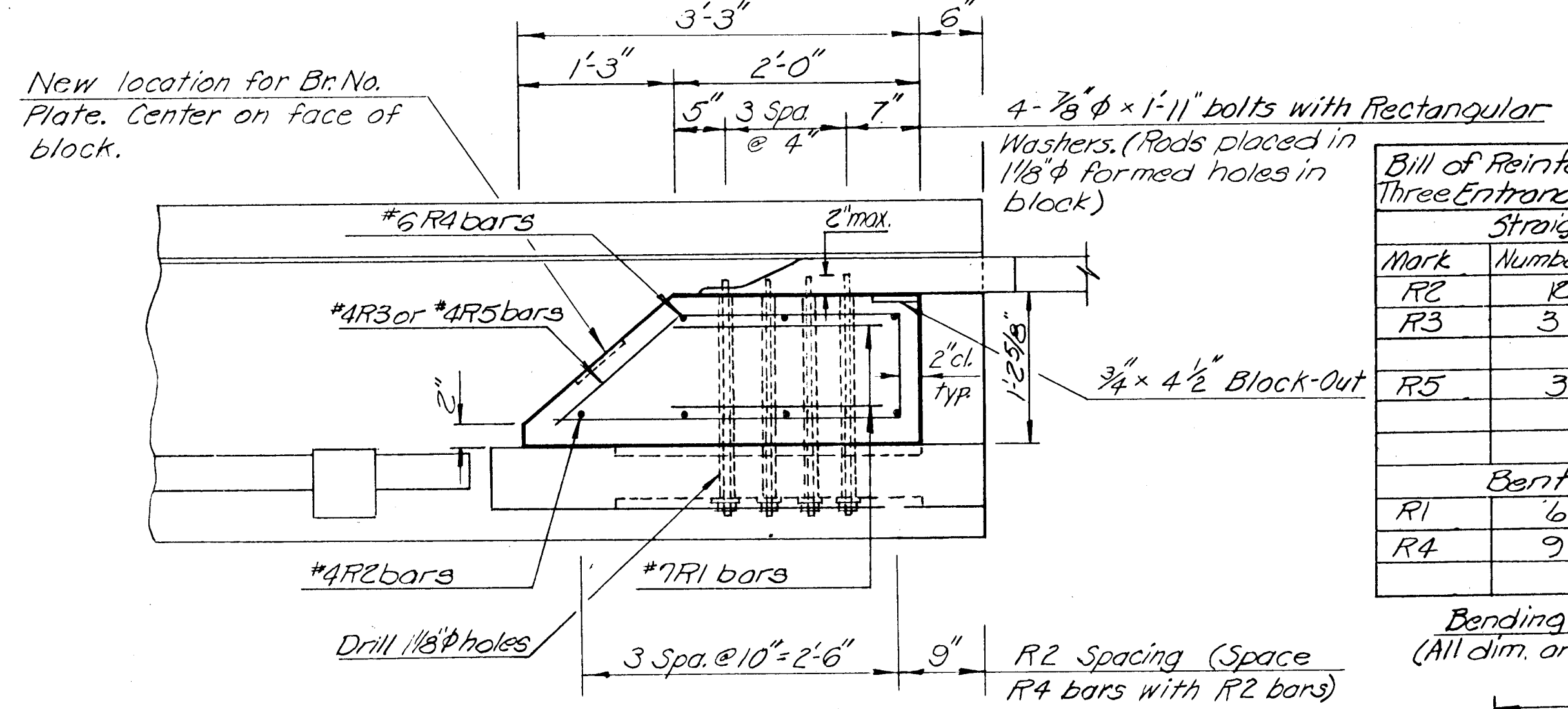
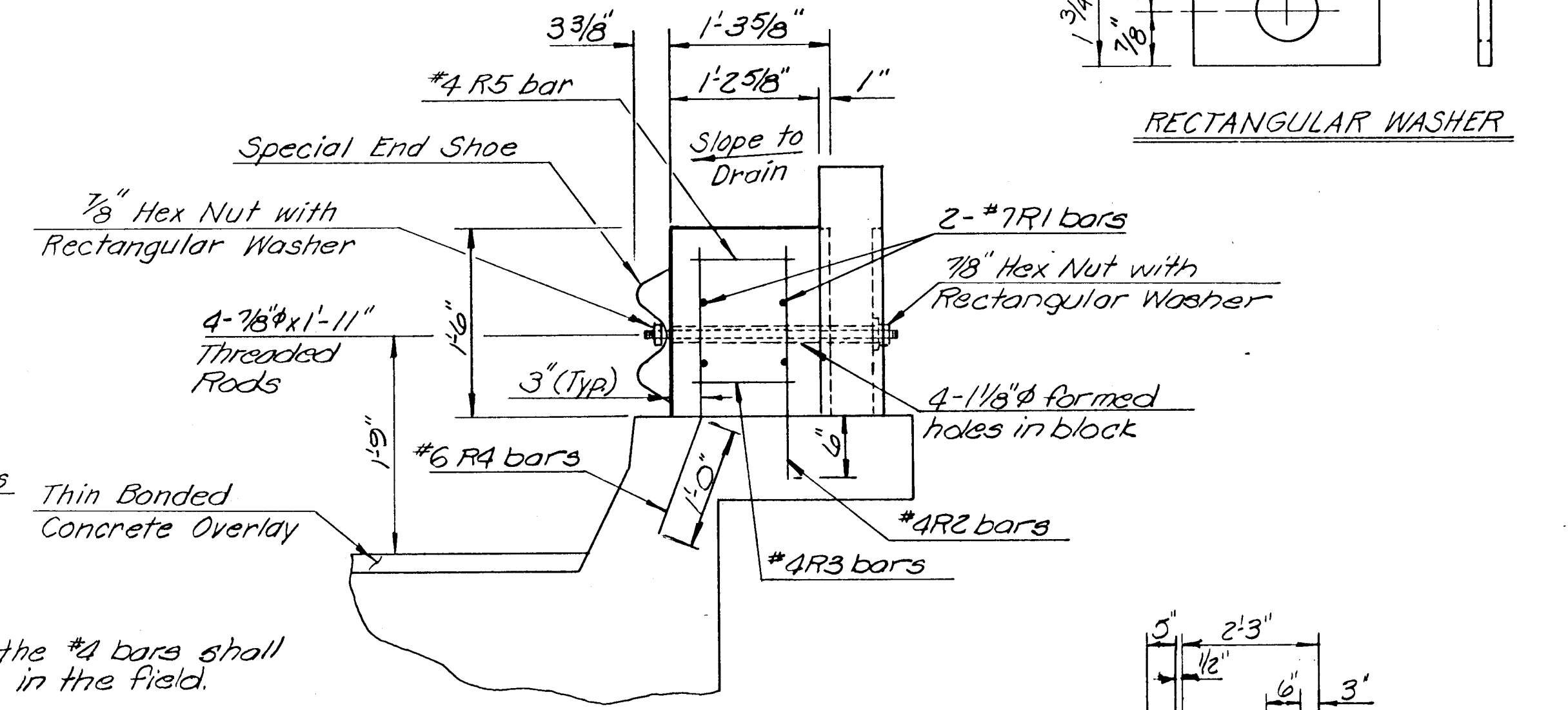
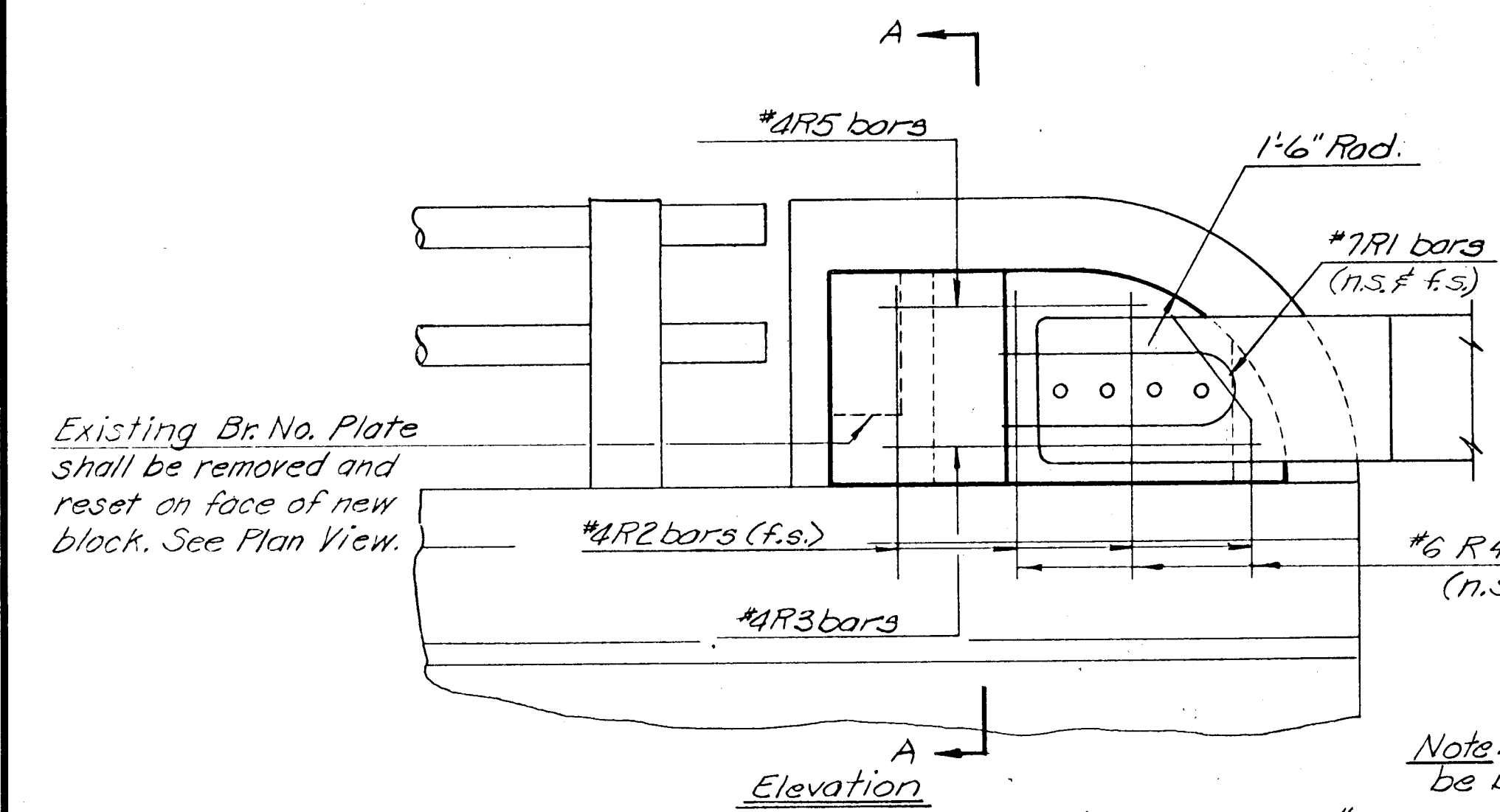
DRILLING AND GROUTING: All materials, drilling and grouting required to attach the Special End Shoe to the existing structure shall not be paid for directly but shall be subsidiary to 'Steel Plate Guard Fence (Galv.)'

SPECIAL END SHOE: Special End Shoe shall be 10 gauge steel and galvanized in accordance with ASTM Designation A525 with coating class 2.50. The shoe has the same section as through beam guardrail. Special End Shoe shall be subsidiary to 'Steel Plate Guard Fence (Galv.)'

BOLTS: All bolts, threaded rods, nuts & washers are to be galvanized in accordance with subsection 1006.16 of the Standard Specifications and shall be subsidiary to 'Steel Plate Guard Fence (Galv.)'

STEEL PLATE GUARD FENCE: One section of the two used in Nested Rail Section shall be subsidiary to bid item Steel Plate Fence (Galv.)

ALIGNMENT OF GUARD FENCE ON APPROACH TO BRIDGE: For alignment of guard fence on approach to bridge, see the next sheet.

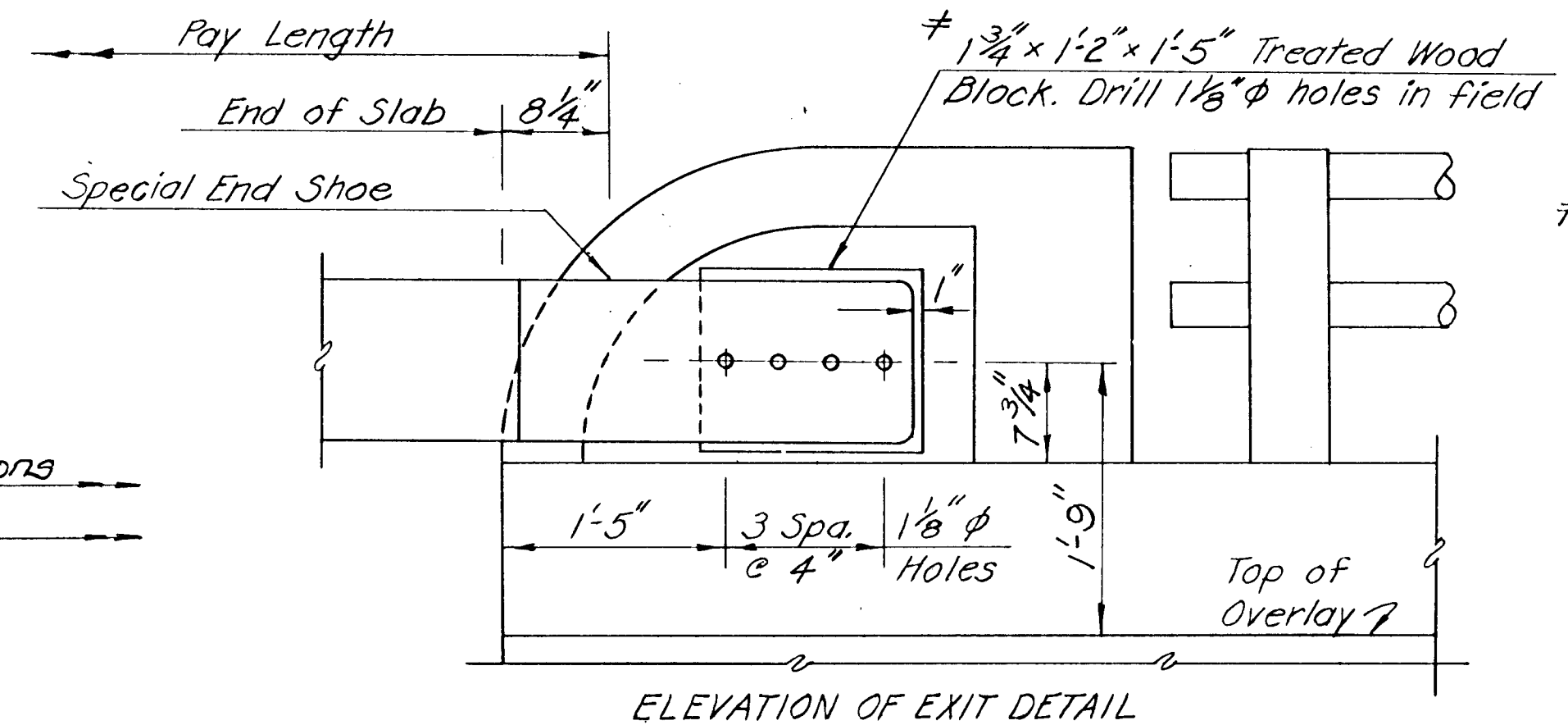
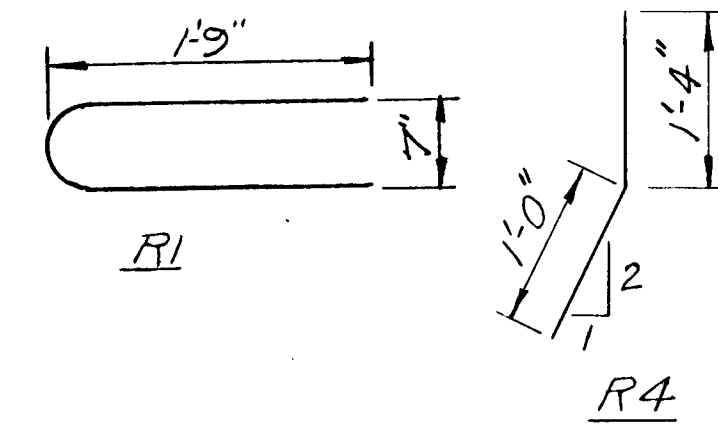


Bill of Reinforcing Steel for Three Entrance Connections

Mark	Number	Size	Length
R2	12	#4	1'-10"
R3	3	#4	5'-2"
R5	3	#4	6'-8"

Bent Bars			
R1	6	#7	3'-9"
R4	9	#6	2'-4"

Bending Diagrams (All dim. are out to out)

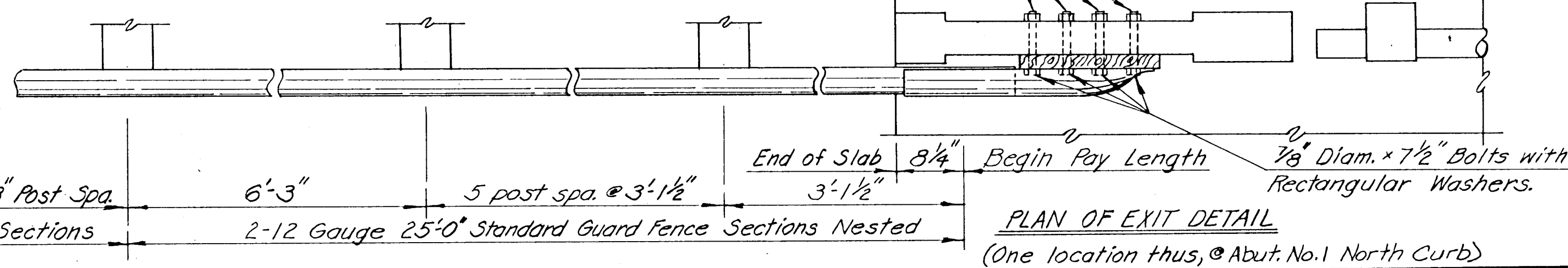
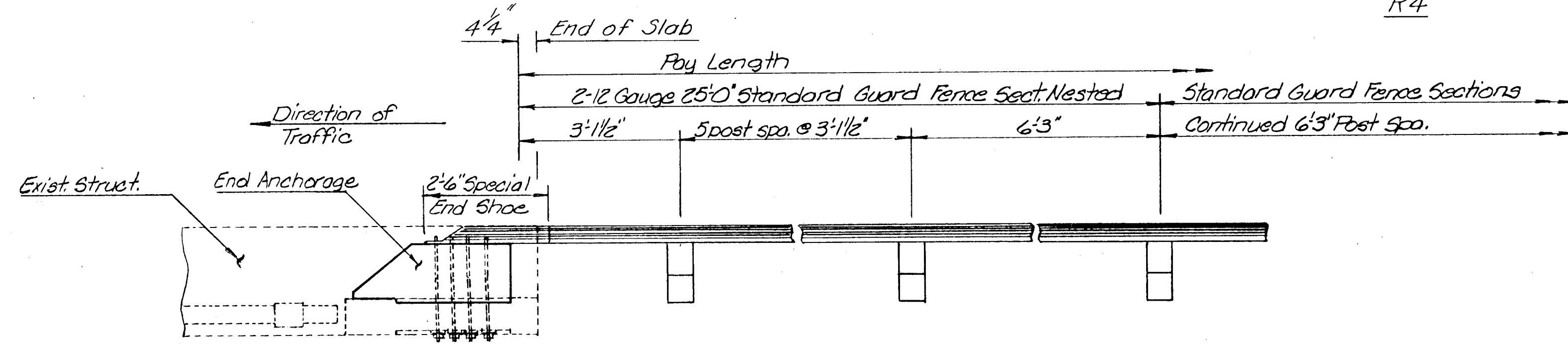


* Wood block shall be given a preservative of Creosote or Penta-Solution as provided in the Specifications.

**Note: These quantities are subsidiary to Steel Plate Guard Fence (Galv.).

Quantities ** (One Ent. connection)

Class AAA Conc. (AE)	0.2 Cu. Yds.
Reinforcing Steel	7.5 Lbs.



NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION			
Br. No. 54-87-25.80		Bridge Repair	
STEEL PLATE GUARD FENCE CONNECTION TO BRIDGE and RETAINING WALL			
Proj. No. 54-87-5942(2)		Sedgwick Co.	
SHEET NO. 19 OF 32	SCALE	APP'D	
DESIGNED BY RAM	DETAILED BY SGB	QUANTITIES BY SGB	TRACED
DESIGN CK. SGB	DETAIL CK. SGB	QUAN. CK. RAM	TRACE CK.