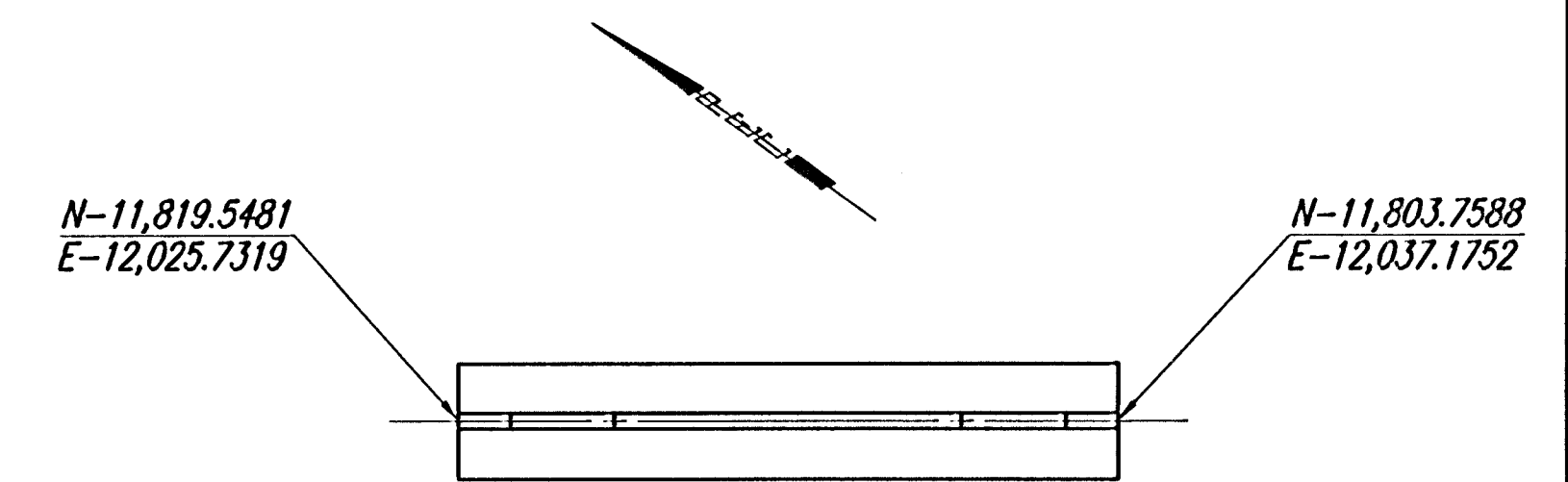
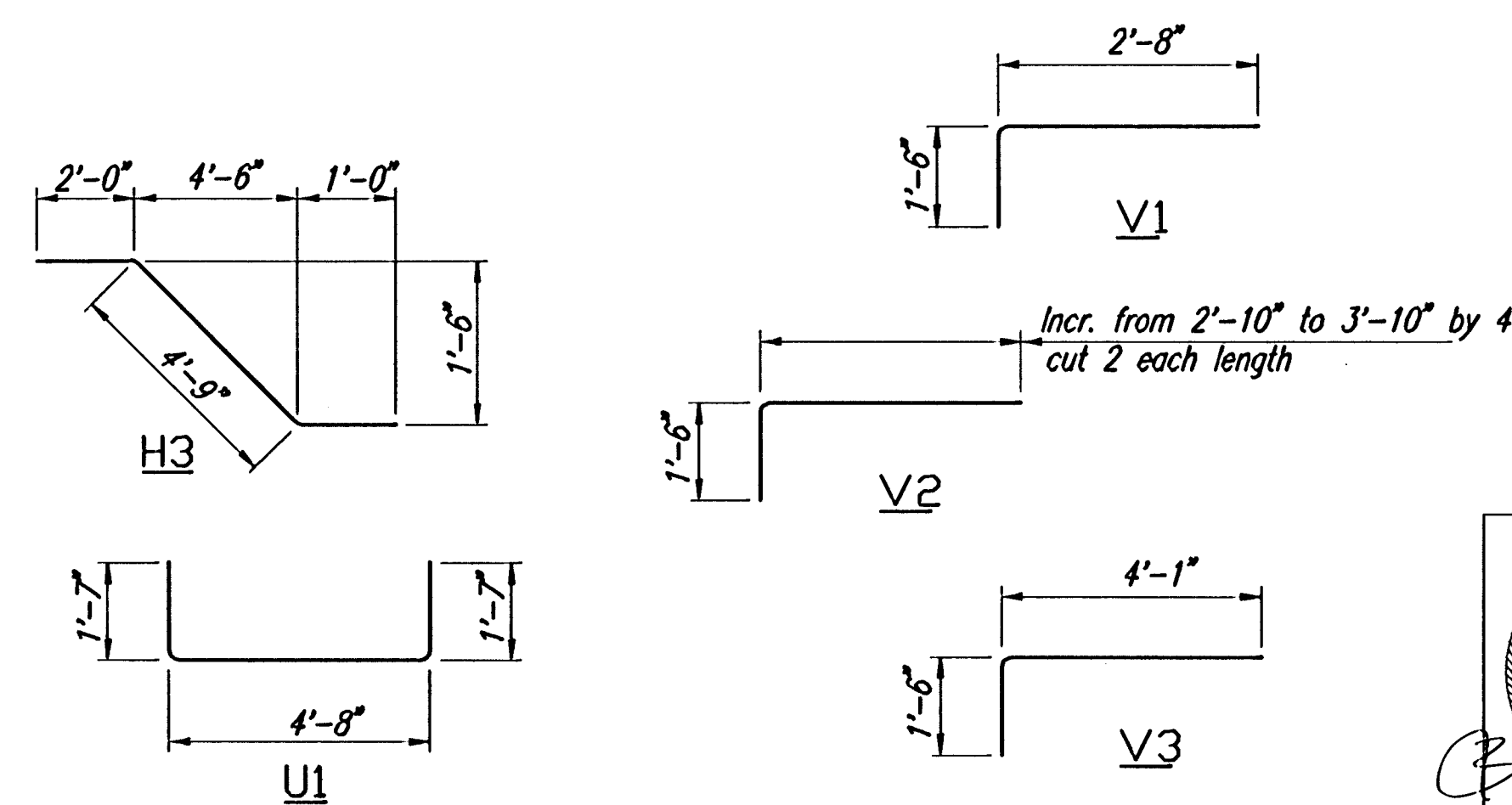
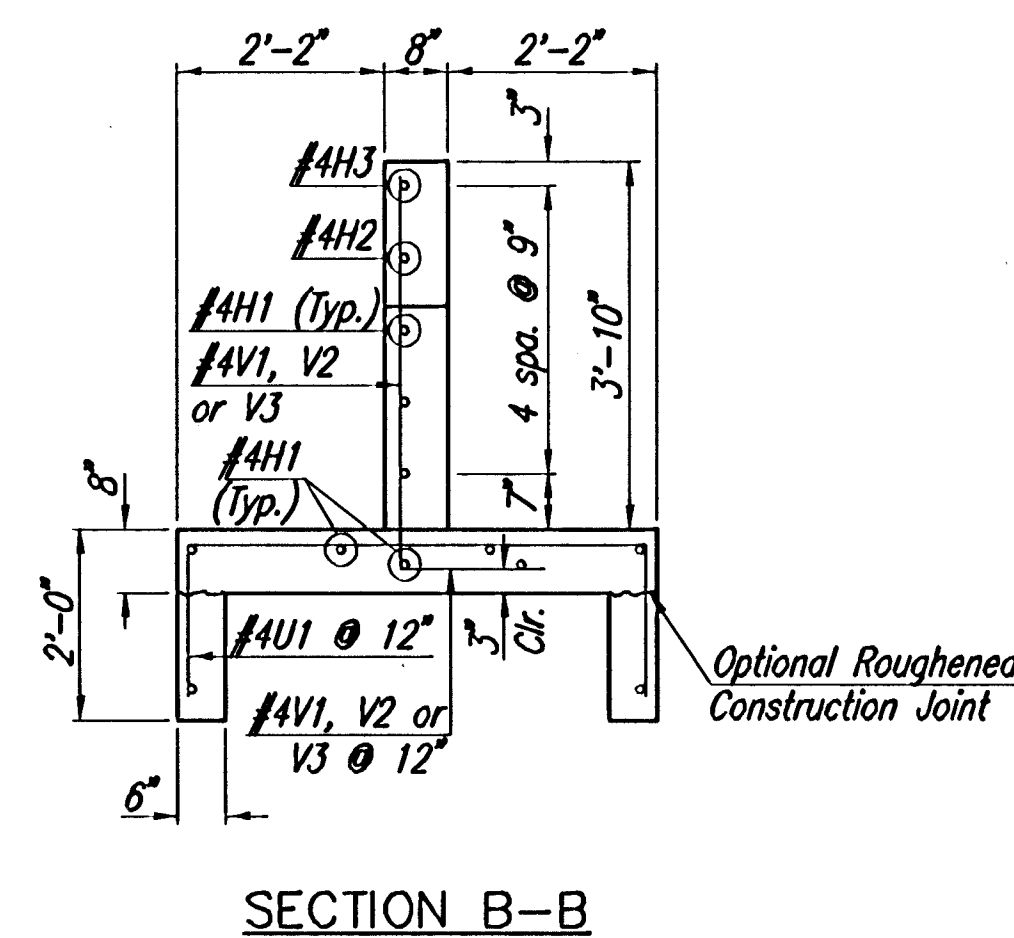
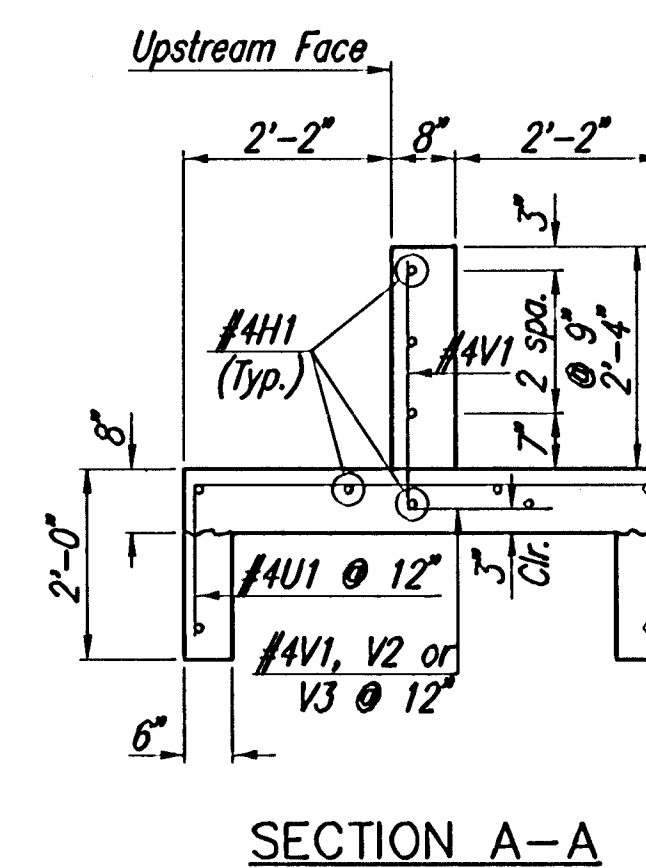
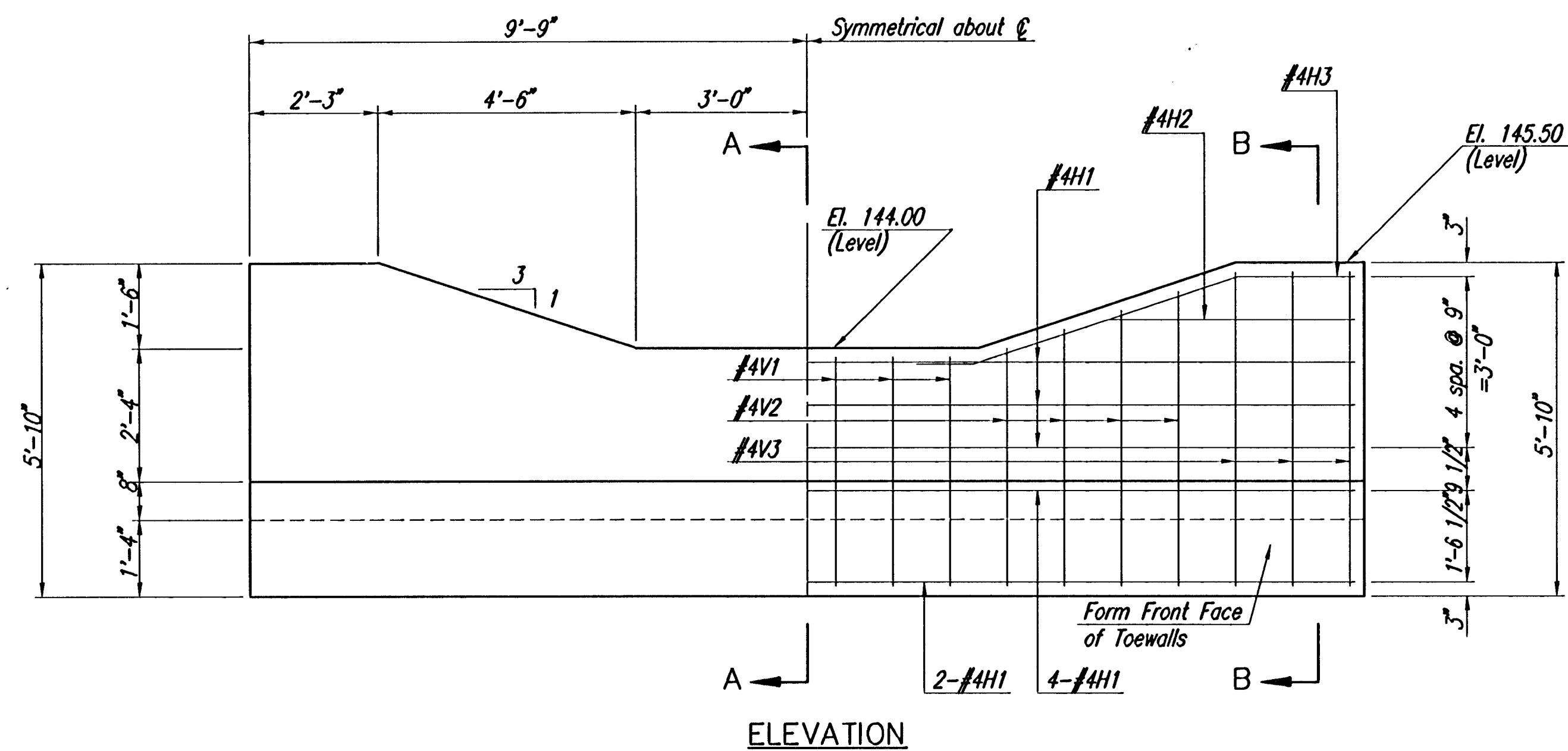
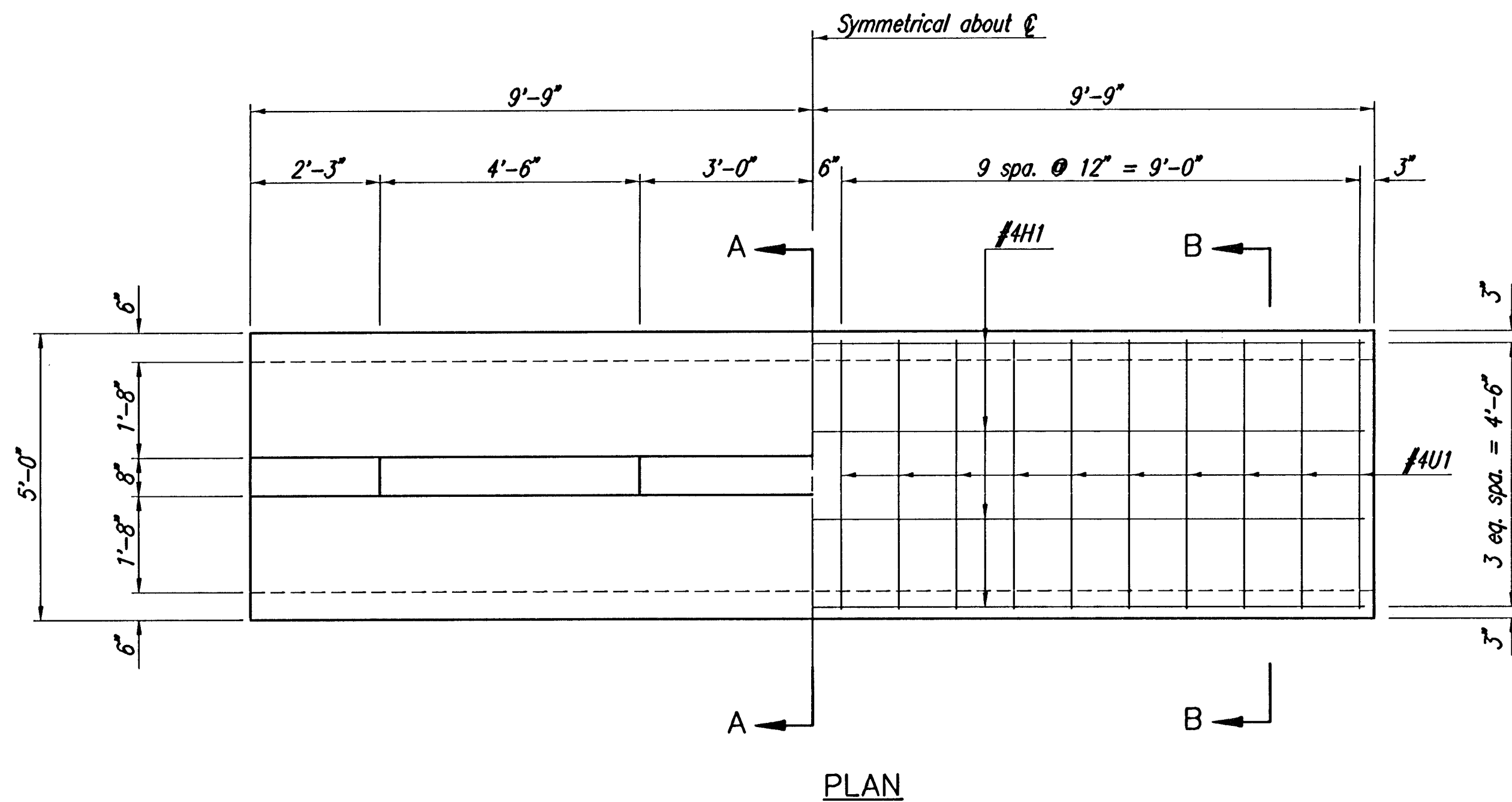




BILL OF MATERIALS									
REINFORCING STEEL									
Straight Bars					Bent Bars *				
Mark	No.	Size	Length		Mark	No.	Size	Length	
H1	11	#4	19'-2"		V1	6	#4	4'-2"	
H2	2	#4	4'-9"		V2	8	#4	Varies	
					V3	6	#4	5'-7"	
					H3	2	#4	7'-9"	
					U1	20	#4	7'-10"	

* See Bending Diagrams

SUMMARY OF QUANTITIES		
ITEM	QUANTITY	UNIT
Concrete	4.8	C.Y.
Reinforcing Steel	320	Lbs.

GENERAL NOTES

UNIT STRESSES:

CONCRETE: $F_c=4,000$ P.S.I., $F_y=60,000$ P.S.I.
 $F_c=1,600$ P.S.I., $F_s=24,000$ P.S.I.

CONCRETE: Concrete shall have a minimum 28 day compressive strength of 4,000 P.S.I.

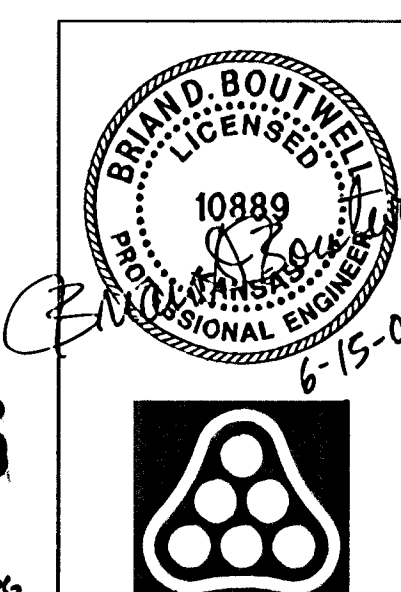
Bevel all exposed edges with a $3/4$ " triangular moulding, unless otherwise noted.

REINFORCING STEEL: All reinforcing steel shall conform to ASTM Designation A615 Grade 60 and shall be epoxy-coated. All dimensions relative to reinforcing are to centerline of bars unless otherwise noted. Bar bending and dimensions shall be as shown and noted on the bar bending diagrams. The concrete cover for all reinforcing shall be a minimum of 2" unless otherwise noted.

JOINTS: Construction joints shall only be formed at locations shown or as approved by the Engineer.

BASIS OF PAYMENT

The "R.C. Weir" shall be paid as a lump sum which shall include all labor, material, excavation, concrete, reinforcing steel and all other incidentals necessary to complete the work. Quantities shown are for information only.



Revision		By	Date
AVALON PARK 3RD STORM WATER DRAIN NO. 264			
R.C. WEIR DETAILS			
JAMES L. ARMOUR, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84011			
Professional Engineering Consultants, P.A.			
303 S. TOPEKA - WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	BDB, BLB	Job No.	35-05257
Drawn by	BJS	Date	February 2005