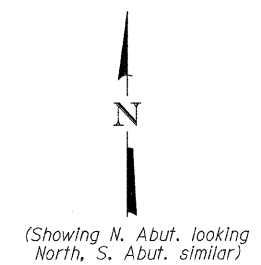
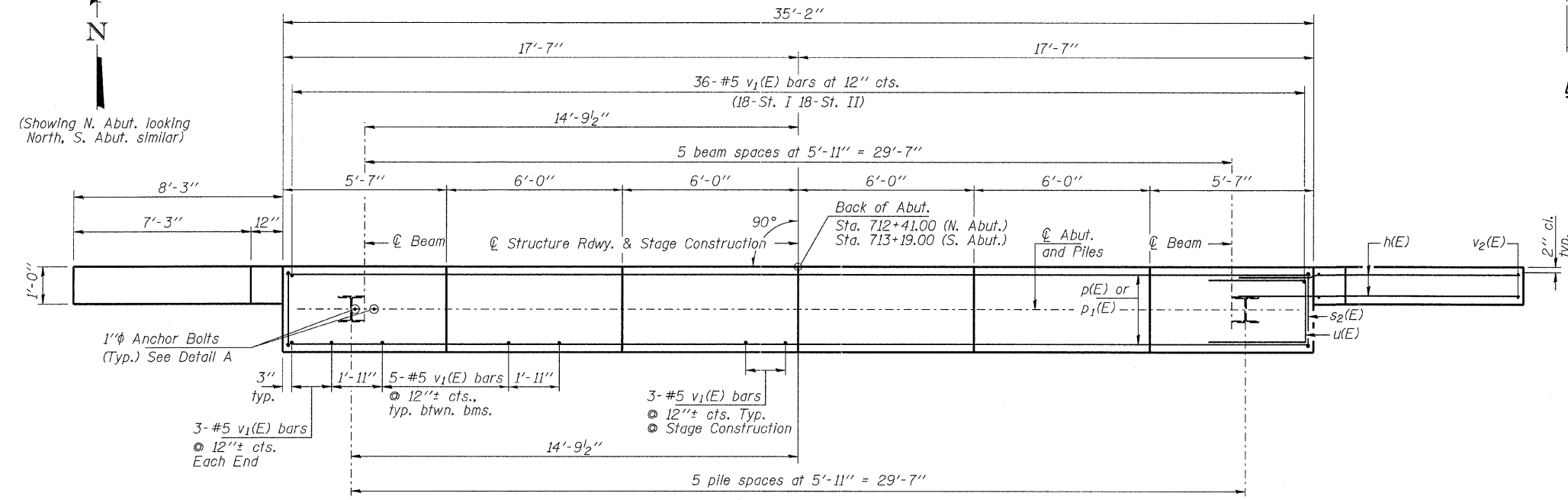


ELEVATION
(Showing N. Abut. looking North, S. Abut. similar)



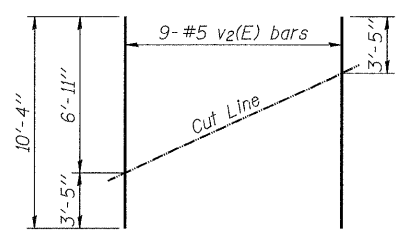
(Showing N. Abut. looking North, S. Abut. similar)



PLAN

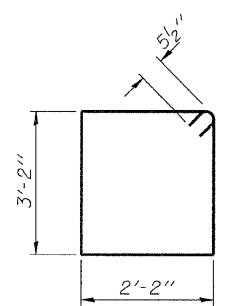
PILE DATA

Type: Steel HP10x42
 Nominal Required Bearing: 335 Kips/pile
 Factored Resistance Available: 184 Kips/pile
 Est. Length: 68'
 No. Production Piles: 10
 No. Test Piles: 2 (1-NA, 1-SA)

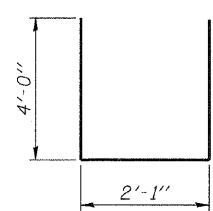


FIELD CUTTING DIAGRAM

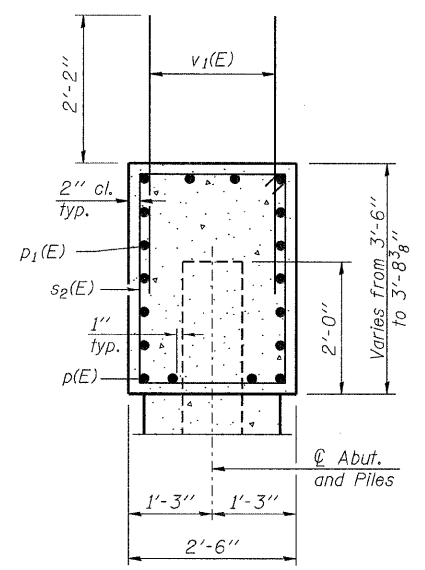
Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.



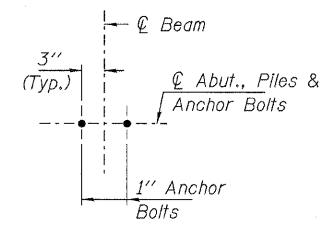
BAR s2(E)



BAR u(E)



SEC. THRU ABUT.



DETAIL A

BILL OF MATERIAL
(2 ABUTMENTS)

Bar	No.	Size	Length	Shape
h(E)	96	#6	12'-0"	—
p(E)	32	#7	17'-3"	—
p1(E)	40	#5	17'-3"	—
s2(E)	64	#5	11'-7"	□
u(E)	16	#6	10'-1"	—
v1(E)	136	#5	4'-4"	—
v2(E)	36	#5	10'-4"	—
Structure Excavation		Cu. Yd.	214	
Concrete Structures		Cu. Yd.	30.4	
Concrete Encasement		Cu. Yd.	4.0	
Reinforcement Bars, Epoxy Coated		Pound	5,600	
Bar Splicers		Each	36	
Furnishing Steel Piles HP10x42		Foot	680	
Driving Piles		Foot	680	
Test Pile Steel HP10x42		Each	2	

Notes:
 Pour steps monolithically with cap.
 Space reinforcement in cap to miss anchor bolts.
 For details of Bar Splicers, see sheet 19 of 22.
 For details of piles and Concrete Encasement, see sheet 20 of 22.