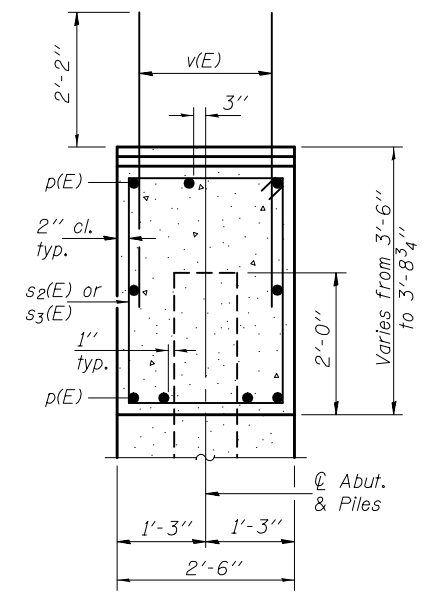


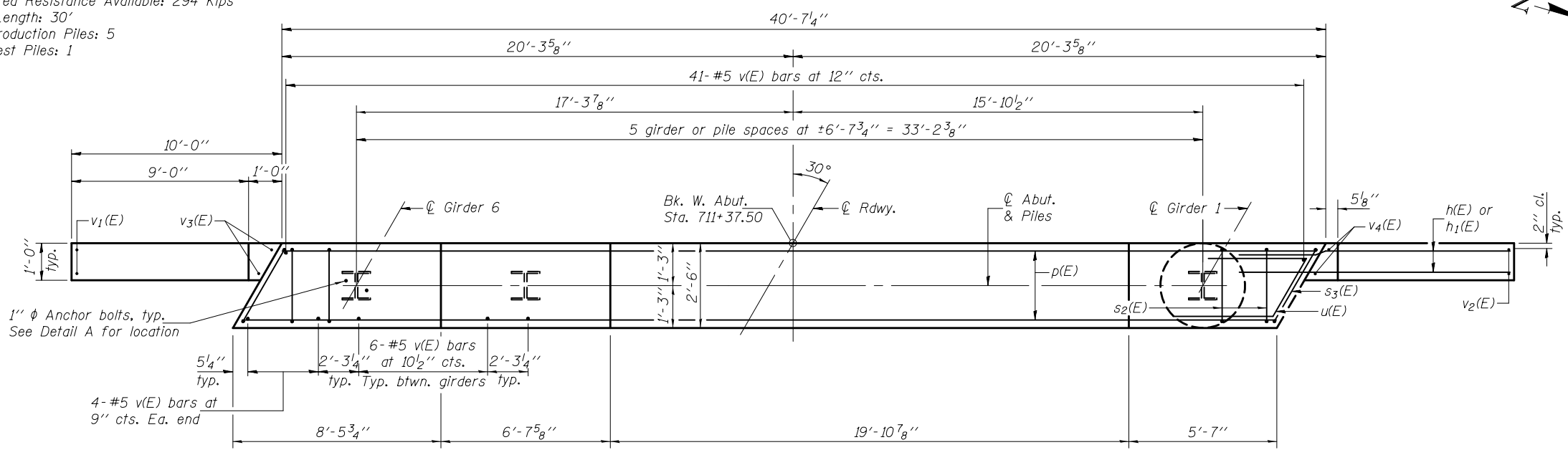
**ELEVATION**  
(Looking west)



**SEC. THRU ABUT.**

**PILE DATA**

Type: Steel HP14x73 with Pile Shoes  
 Nominal Required Bearing: 578 Kips  
 Factored Resistance Available: 294 Kips  
 Est. Length: 30'  
 No. Production Piles: 5  
 No. Test Piles: 1

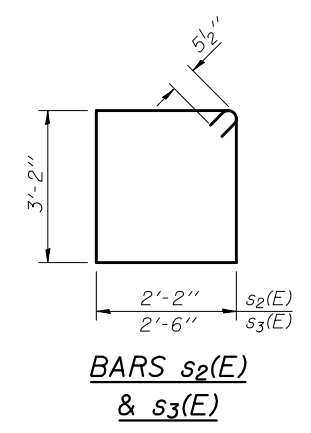


**PLAN**

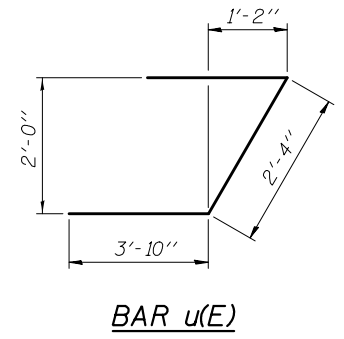
**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	68	#7	12'-8"	—
h1(E)	4	#6	12'-10"	—
p(E)	9	#7	40'-3"	—
s2(E)	36	#5	11'-7"	□
s3(E)	2	#5	12'-3"	□
u(E)	8	#6	10'-0"	∟
v(E)	79	#5	4'-4"	—
v1(E)	9	#5	16'-2"	—
v2(E)	9	#5	16'-6"	—
v3(E)	4	#5	10'-2"	—
v4(E)	4	#5	10'-4"	—
Structure Excavation		Cu. Yd.	38	
Concrete Structures		Cu. Yd.	20.4	
Reinforcement Bars, Epoxy Coated		Pound	3910	
Furnishing Steel Piles HP14x73		Foot	150	
Driving Piles		Foot	150	
Test Pile Steel HP14x73		Each	1	
Pile Shoes		Each	6	
Concrete Encasement		Cu. Yd.	3.3	
Anchor Bolts, 1"		Each	12	

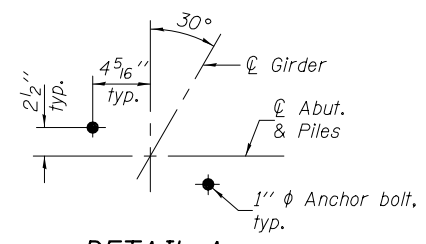
Notes: Pour steps monolithically with cap.  
 For details of piles and concrete encasement, see sheet 23 of 31.



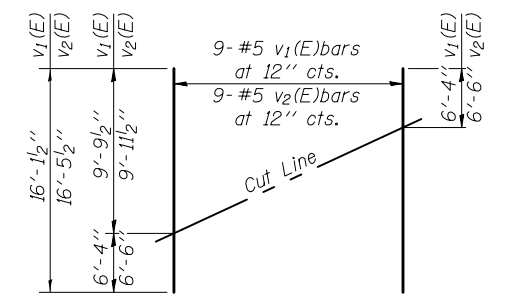
**BARS s2(E) & s3(E)**



**BAR u(E)**



**DETAIL A**



**FIELD CUTTING DIAGRAM**

Order v1(E) & v2(E) full length. Cut as shown and use remainder of bars in opposite face.