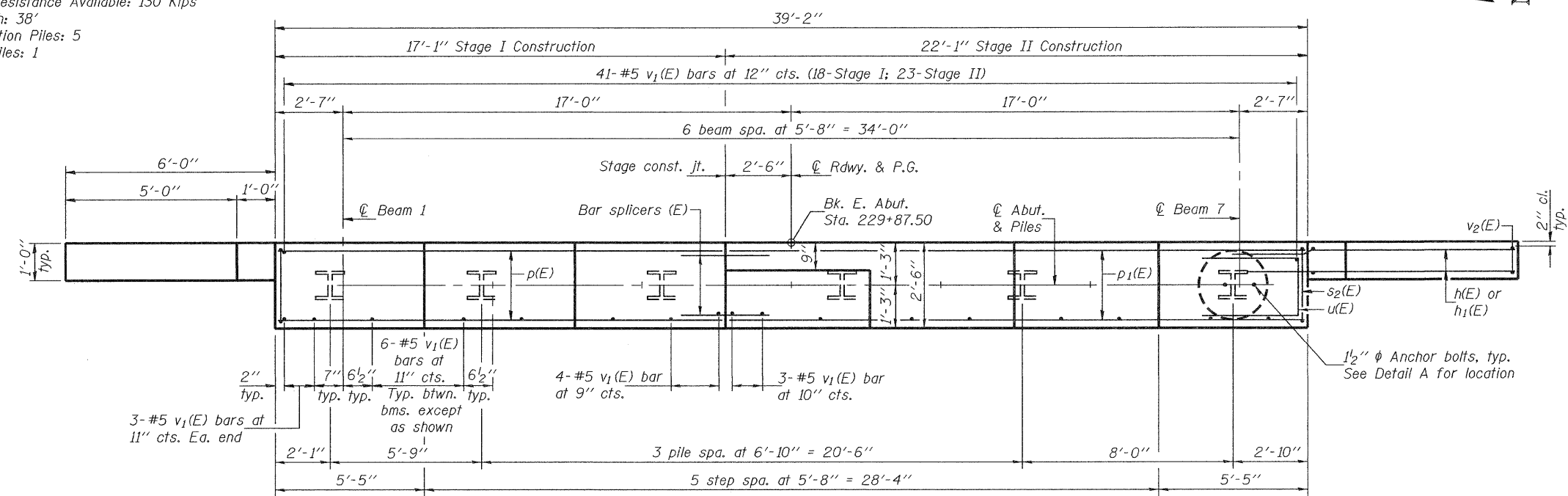


**PILE DATA**

Type: Steel HP12x53  
 Nominal Required Bearing: 236 Kips  
 Factored Resistance Available: 130 Kips  
 Est. Length: 38'  
 No. Production Piles: 5  
 No. Test Piles: 1

**ELEVATION**  
 (Looking east)

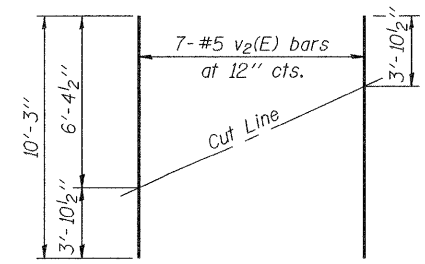


**PLAN**

**BILL OF MATERIAL**

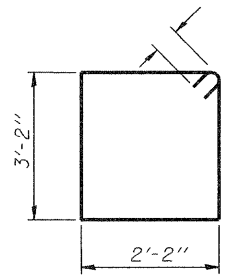
Bar	No.	Size	Length	Shape
h(E)	60	#6	8'-1"	—
h1(E)	4	#5	8'-8"	—
p(E)	9	#7	16'-9"	—
p1(E)	9	#7	21'-9"	—
s2(E)	38	#5	11'-7"	□
u(E)	8	#6	8'-1"	—
v1(E)	84	#5	4'-4"	—
v2(E)	14	#5	10'-3"	—
Structure Excavation			Cu. Yd.	79
Concrete Structures			Cu. Yd.	15.6
Reinforcement Bars, Epoxy Coated			Pound	2560
Furnishing Steel Piles HP12x53			Foot	190
Driving Piles			Foot	190
Test Pile Steel HP12x53			Each	1
Concrete Encasement			Cu. Yd.	2.1
Anchor Bolts, 1/2" φ			Each	14

Notes: Four steps monolithically with cap.  
 For details of piles and concrete encasement, see sheet 21 of 26.  
 For bar splicer details, see sheet 20 of 26.  
 If h(E) bars interfere with steel H Piles bend h(E) bars to fit, otherwise maintain minimum of 2'-3" embedment.

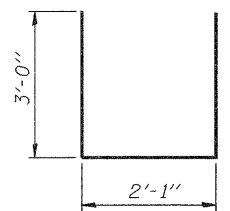


**FIELD CUTTING DIAGRAM**

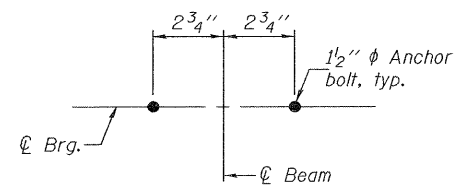
Order v2(E) full length. Cut as shown and use remainder of bars in opposite face.



**BAR s2(E)**



**BAR u(E)**



**DETAIL A**