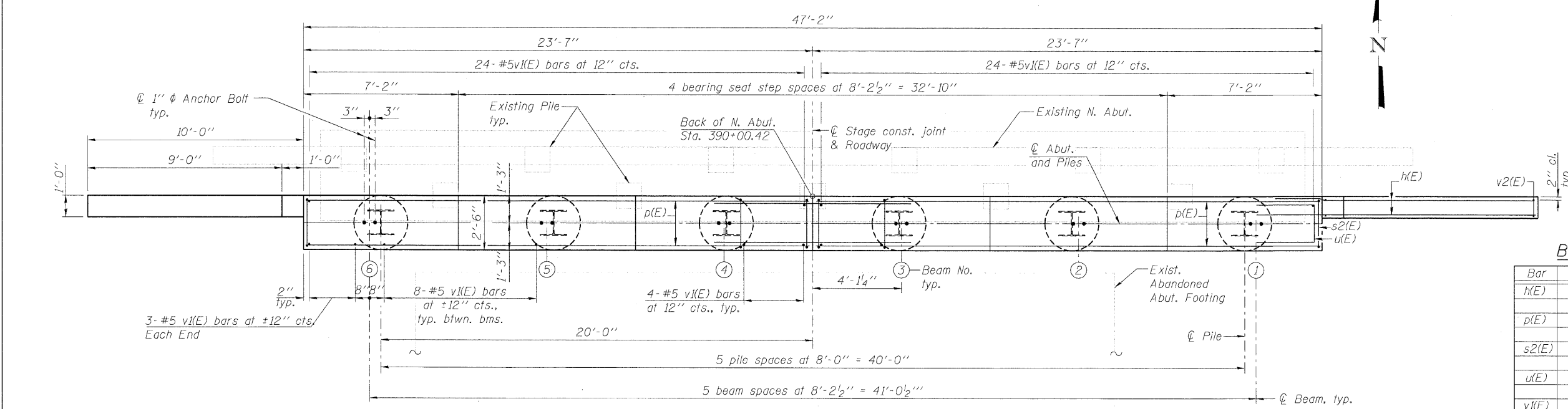


ELEVATION

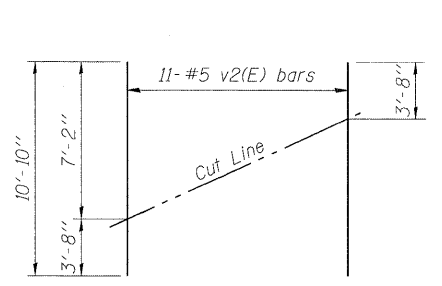
SEC. THRU ABUT.



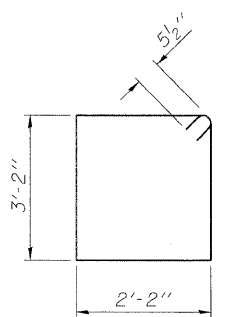
PLAN

PILE DATA

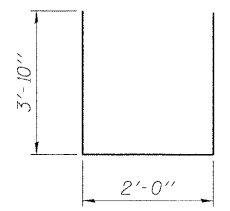
Type: HP 14 x 73
 Nominal Required Bearing: 578 kips
 Factored Resistance Available: 321 kips
 Est. Length: 61 ft.
 No. Production Piles: 5
 No. Test Piles: 1



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)

BILL OF MATERIAL

Bar No.	Size	Length	Shape
h(E)	#6	14'-2"	—
p(E)	#7	23'-3"	—
s2(E)	#5	11'-7"	□
u(E)	#6	9'-8"	□
v(E)	#5	4'-4"	—
v2(E)	#5	10'-10"	—
Structure Excavation			Cu. Yd. 73
Concrete Structures			Cu. Yd. 20.3
Reinforcement Bars, Epoxy Coated			Pound 3,400
Furnishing Steel Piles, HP14x73			Foot 305
Driving Piles			Foot 305
Test Pile Steel, HP14x73			Each 1
Concrete Encasement			Cu. Yd. 3.3

- NOTES**
1. Pour steps monolithically with cap.
 2. For details of Bar Splicers, see sheet 25 of 29.
 3. For details of piles and Concrete Encasement, see sheet 24 of 29.
 4. Verify locations of existing piles in field prior to driving new piles.

T:\5805\Phase1\11-28\11-28\Structure\NAbut.dgn (L26.dgn) 07/10/96 6:40:17 019-NA1.dgn