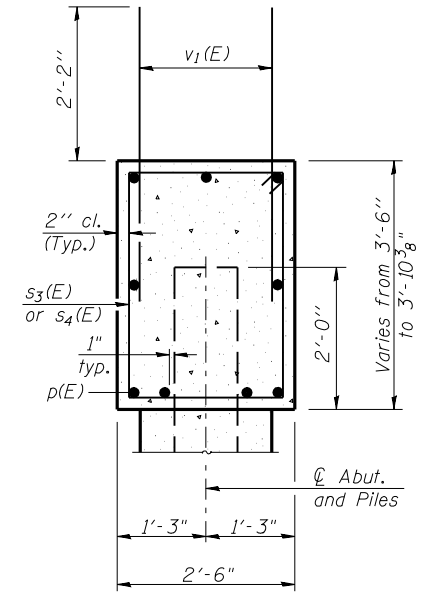
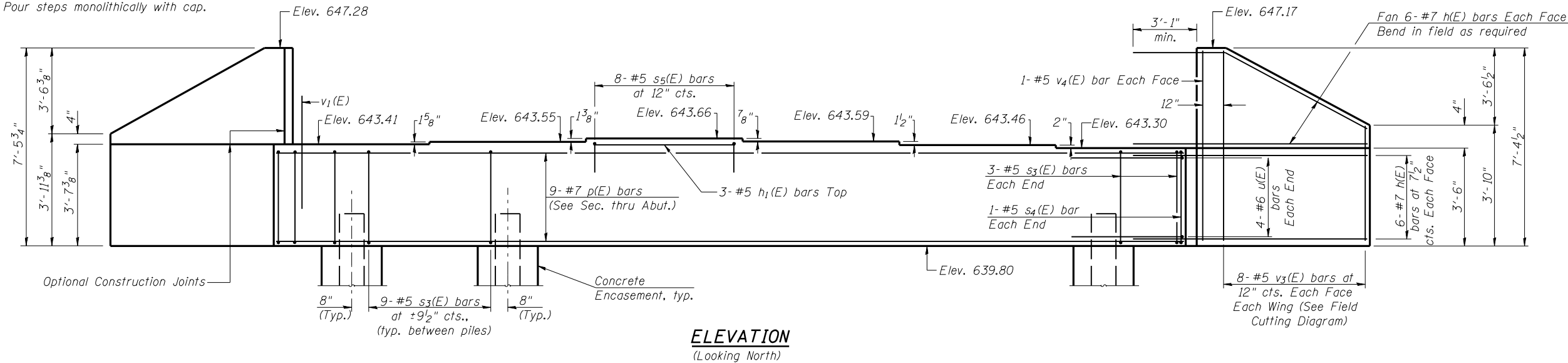
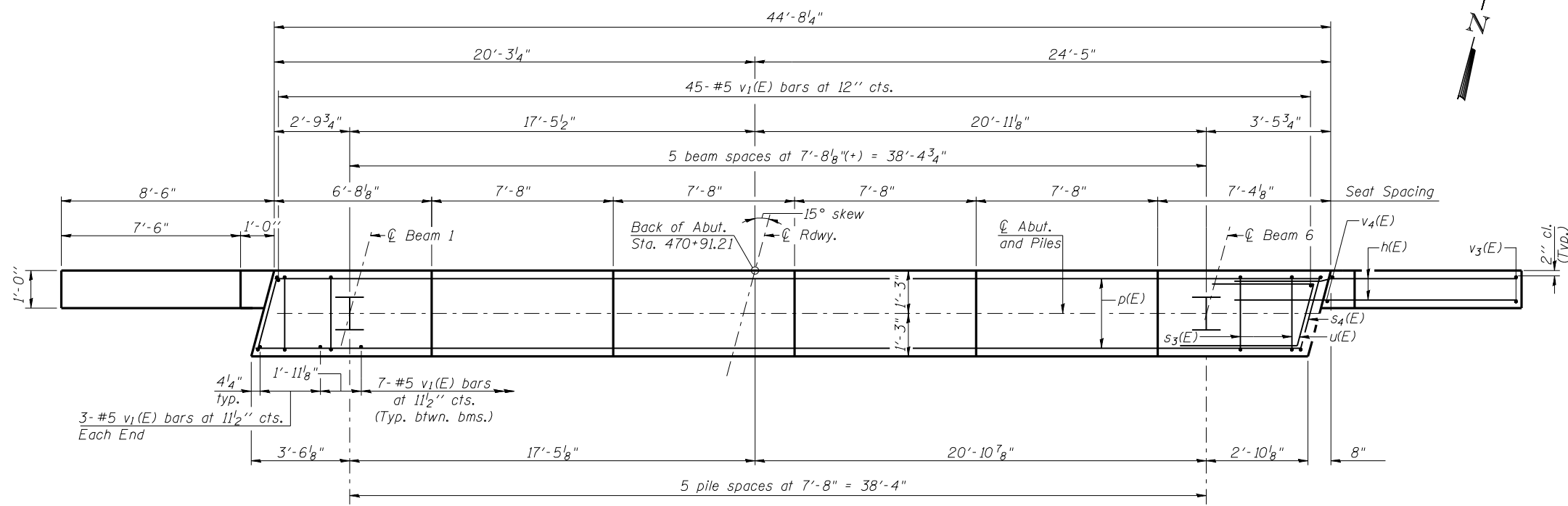


Notes:
Pour steps monolithically with cap.



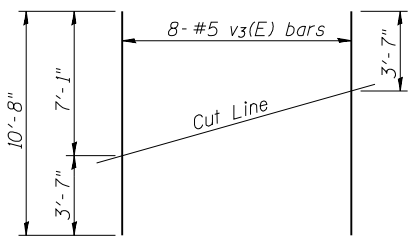
SEC. THRU ABUT.
(Dimensions at Rt. L's)



PLAN

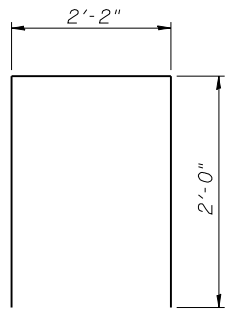
PILE DATA

Type: Steel HP12x63 with Pile Shoes
Nominal Required Bearing: 497 kips
Allowable Resistance Available: 158 kips
Est. Length: 64 ft
No. Production Piles: 5
No. Test Piles: 1

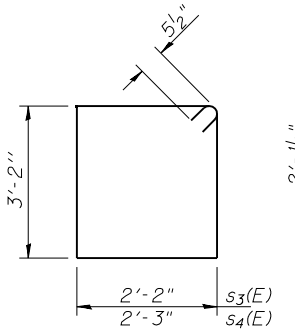


FIELD CUTTING DIAGRAM

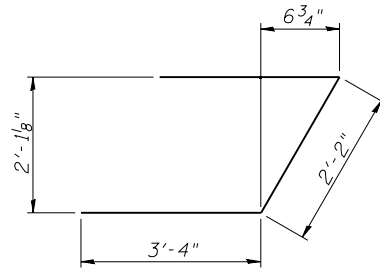
Order v3(E) full length. Cut as shown and use remainder of bars in opposite face.



BAR s5(E)



BARS s3(E) & s4(E)



BAR u(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	48	#7	11'-7"	—
h1(E)	3	#5	7'-4"	—
p(E)	9	#7	44'-4"	—
s3(E)	51	#5	11'-7"	□
s4(E)	2	#5	11'-9"	□
s5(E)	8	#5	6'-2"	□
u(E)	8	#6	8'-10"	┌
v1(E)	86	#5	4'-4"	—
v3(E)	16	#5	10'-8"	—
v4(E)	4	#5	7'-1"	—
Concrete Structures			Cu. Yd.	18.9
Reinforcement Bars, Epoxy Coated			Pound	3370
Structure Excavation			Cu. Yd.	146
Test Pile Steel HP12x63			Each	1
Furnishing Steel Piles HP12x63			Foot	320
Pile Shoes			Each	6
Concrete Encasement			Cu. Yd.	2.1
Driving Piles			Foot	320

For details of Bar Splicers, see sheet 21 of 24.
For details of piles and Concrete Encasement, see sheet 20 of 24.
For drainage details, see sheet 2 of 24.