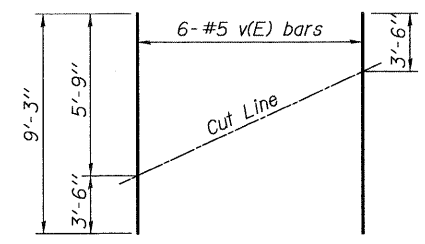


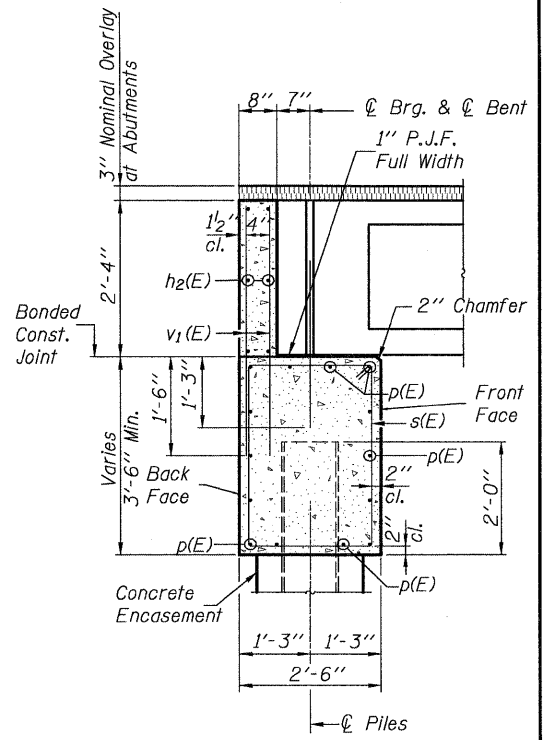
PLAN

* Top of Seat Elevation

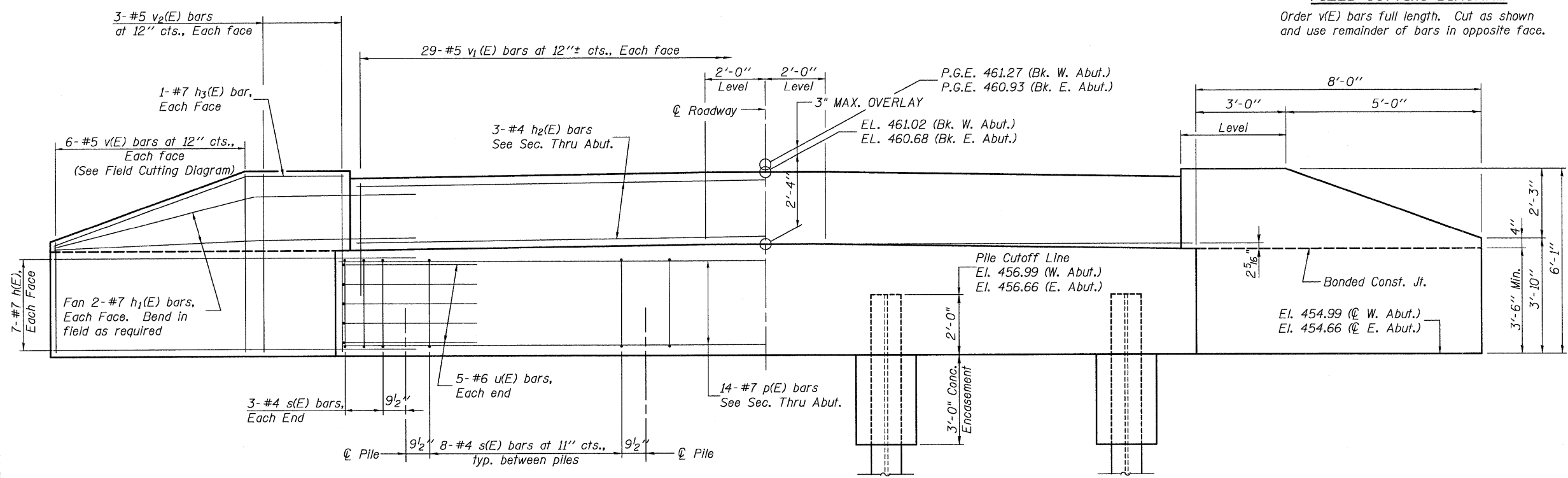


FIELD CUTTING DIAGRAM

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



SECTION THRU ABUTMENT
(at Right Angles)



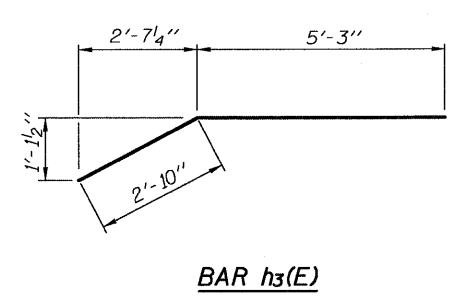
ELEVATION

BILL OF MATERIAL FOR ONE ABUTMENT

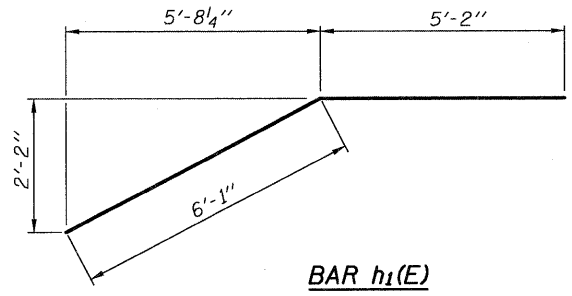
Bar	No.	Size	Length	Shape
h(E)	28	#7	12'-2"	—
h1(E)	8	#7	11'-3"	—
h2(E)	6	#4	28'-4"	—
h3(E)	4	#7	8'-1"	—
p(E)	14	#7	28'-4"	—
s(E)	30	#4	11'-5"	□
u(E)	10	#6	10'-1"	—
v(E)	24	#5	9'-3"	—
v1(E)	58	#5	3'-8"	—
v2(E)	12	#5	5'-9"	—
Concrete Structures			Cu. Yd.	14.5
Reinforcement Bars, Epoxy Coated			Pound	2,780
Concrete Encasement			Cu. Yd.	1.4
Furnishing Steel Piles HP 12x63			Foot	84
Driving Steel Piles			Foot	84
Test Pile Steel HP 12x63			Each	1

PILE DATA

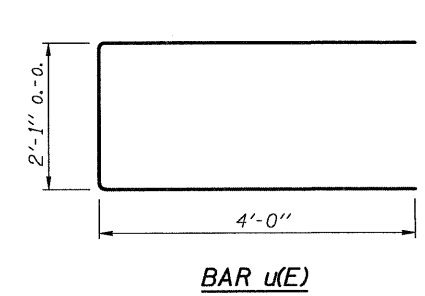
	W. ABUT.	E. ABUT.
Type:	Steel HP12x63	Steel HP12x63
Nominal Required Bearing:	497 k	497 k
Factored Resistance Available:	248 k	248 k
Est. Length:	28 ft.±	28 ft.±
No. Production Piles:	3	3
No. Test Piles:	1	1



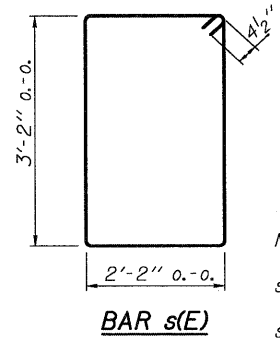
BAR h3(E)



BAR h1(E)



BAR u(E)



BAR s(E)

Notes:
For details of piles and Concrete Encasement, see sheet 7 of 8.
Cast backwall after beams and concrete wearing surface, if applicable, have been erected.