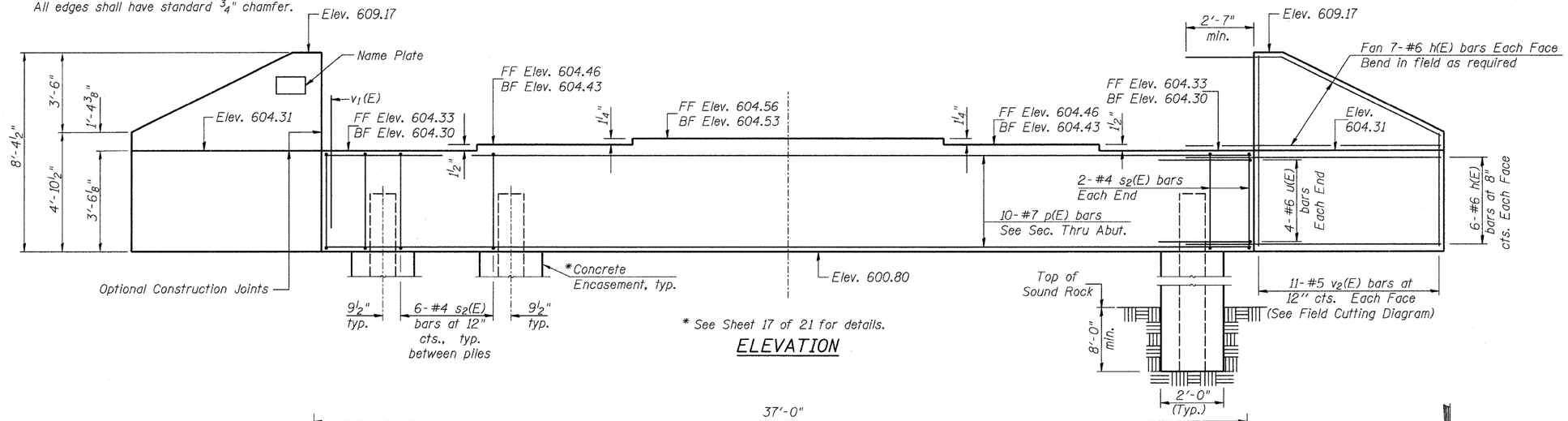
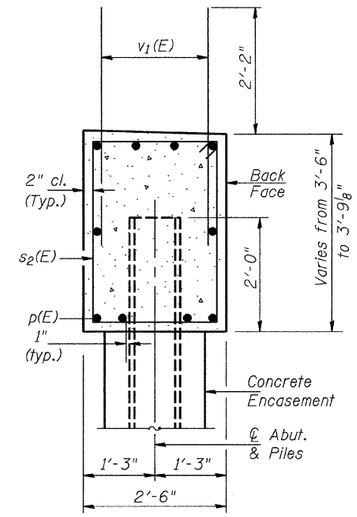
Notes:
Pour steps monolithically with cap.
All edges shall have standard $\frac{3}{4}$" chamfer.

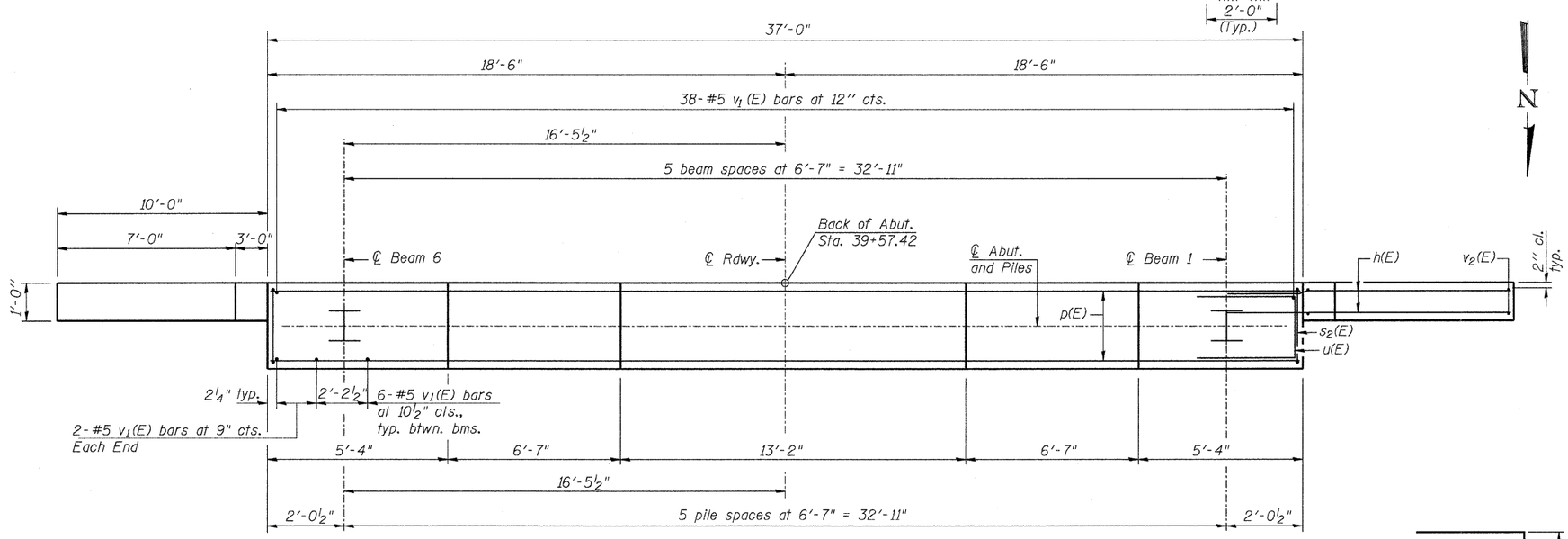


* See Sheet 17 of 21 for details.

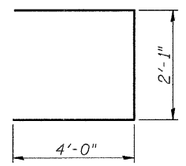
ELEVATION



SEC. THRU ABUT.



PLAN



BAR u(E)

BILL OF MATERIAL
SOUTH ABUTMENT

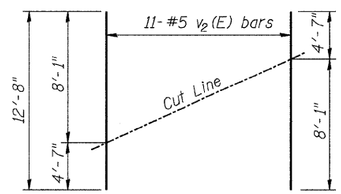
Bar	No.	Size	Length	Shape
h(E)	52	#6	12'-6"	
p(E)	10	#7	36'-9"	
s_2(E)	34	#4	11'-5"	
u(E)	8	#6	10'-1"	
v_1(E)	72	#5	4'-4"	
v_2(E)	22	#5	12'-8"	
Structure Excavation			Cu. Yd.	125
Concrete Structures			Cu. Yd.	17.8
(1) Reinforcement Bars, Epoxy Coated			Pound	2,730
Name Plates			Each	1
Furnishing Steel Piles HP12x63			Foot	114
Concrete Encasement			Cu. Yd.	6.3
(1) Setting Piles in Rock			Each	6

(1) See Special Provisions

For details of Piles and Concrete Encasement, see sheet 17 of 21.

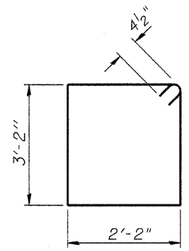
PILE DATA

Type: HP12x63
Nominal Required Bearing: Set in Rock (497k)
Factored Resistance Available: (249k)
Est. Length: 19'
No. Required: 6



FIELD CUTTING DIAGRAM

Order v_2(E) full length. Cut as shown and use remainder of bars in opposite face.



BAR s_2(E)

SOUTH ABUTMENT

SHEET NO. 14	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21 SHEETS	CH 29	10-00649-00-BR	LASALLE	43	21
		S.N. 050-3593	CONTRACT NO. 87430		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0099(043)		

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