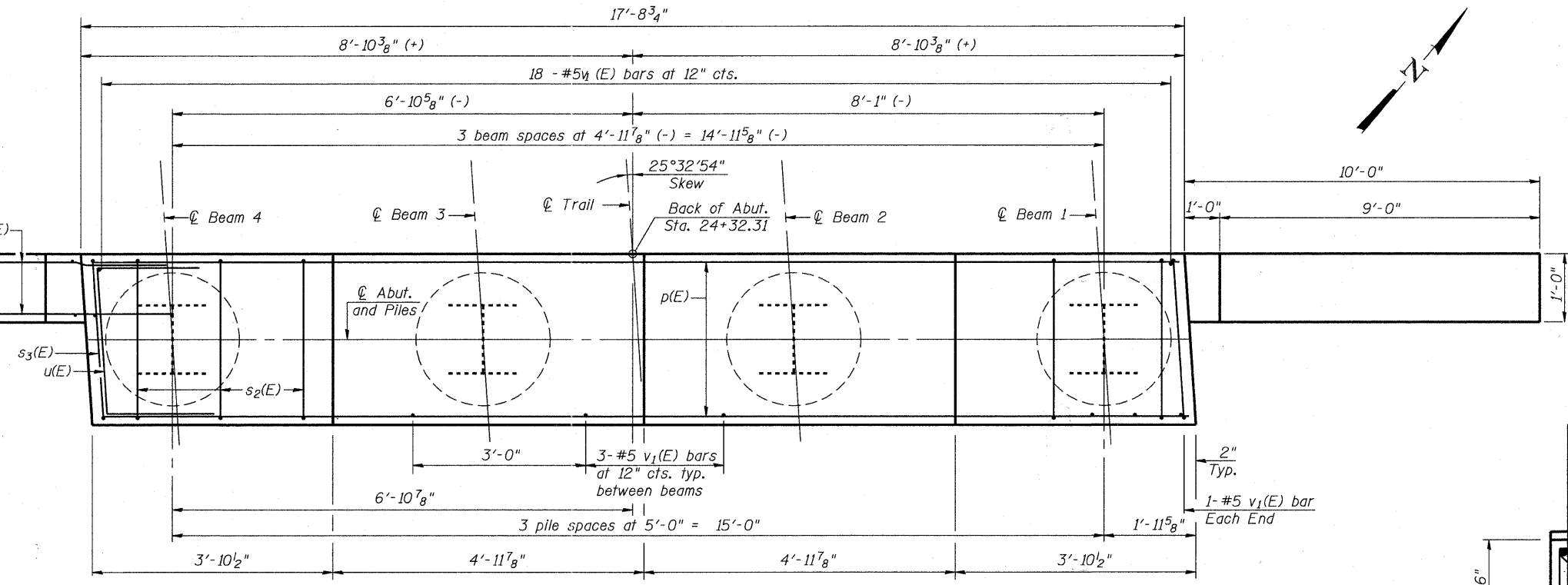


ELEVATION

BILL OF MATERIAL

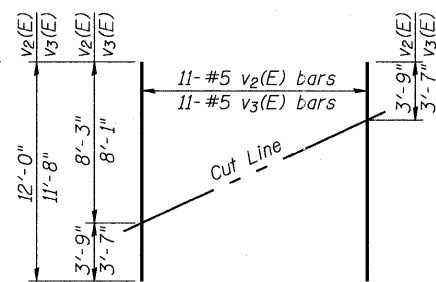
Bar	No.	Size	Length	Shape
h(E)	60	#6	13'-2"	—
p(E)	10	#7	17'-5"	—
s ₂ (E)	17	#4	11'-5"	□
s ₃ (E)	2	#4	11'-11"	□
u(E)	8	#6	9'-4"	└
v ₁ (E)	22	#5	4'-4"	—
v ₂ (E)	11	#5	12'-0"	—
v ₃ (E)	11	#5	11'-8"	—
Concrete Structures		Cu. Yd.	21.0	
Reinforcement Bars, Epoxy Coated		Pound	2,190	
Furnishing Steel Piles HP 12X63		Foot	255	
Driving Piles		Foot	255	
Test Pile Steel HP 12X63		Each	1	
Pile Shoes		Each	4	
Anti-Graffiti Protection System		Sq. Ft.	84	
Geocomposite Wall Drain		Sq. Yd.	15	
Porous Granular Embankment (Special)		Cu. Yd.	25	
Form Liner Textured Surface, Special		Sq. Ft.	60	



PLAN

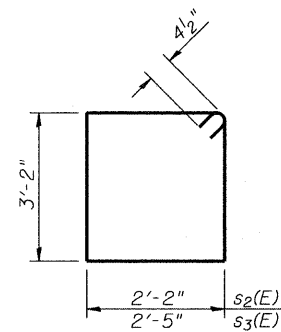
PILE DATA

Type: HP 12X63 with Pile Shoes
 Nominal Required Bearing: 450 kips
 Factored Resistance Available: 225 kips
 Est. Length: 85'
 No. Production Piles: 3
 No. Test Piles: 1

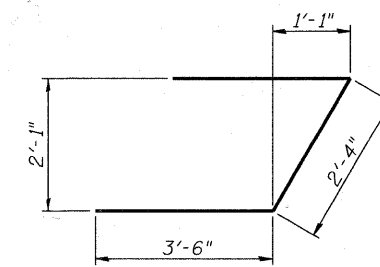


FIELD CUTTING DIAGRAM

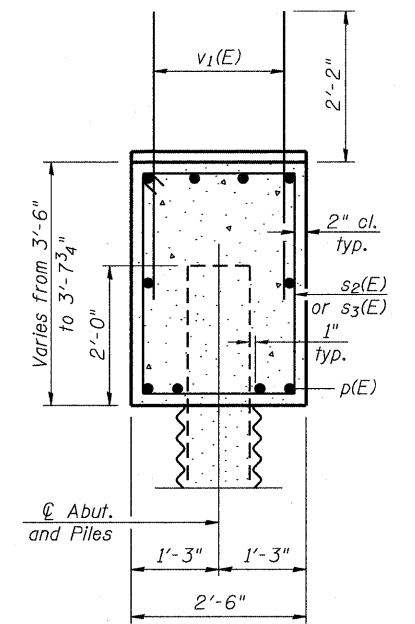
Order v₂(E), v₃(E) full length. Cut as shown and use remainder of bars in opposite face.



BARS s₂(E) & s₃(E)



BAR u(E)



SEC. THRU ABUT.

Notes:
 Contractor Shall coordinate abutment construction with construction of MSE retaining wall.
 Pour steps monolithically with cap.
 For details of Bar Splicers, see sheet 20 of 29.

FILE NAME = w:\756-2001_lombard - get bridges phase 1\load sheets\structure\ST CHARLES\0223121-016-WEST ABUTMENT.dgn