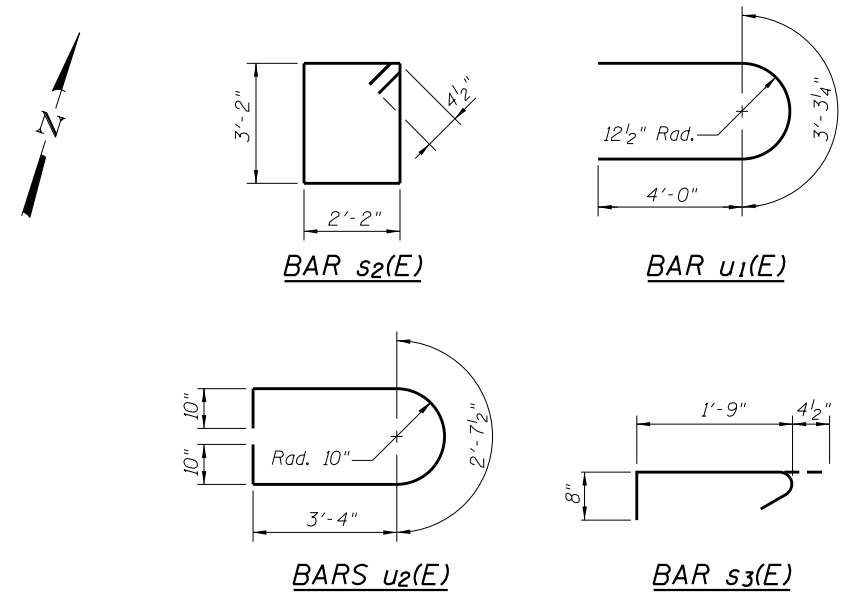
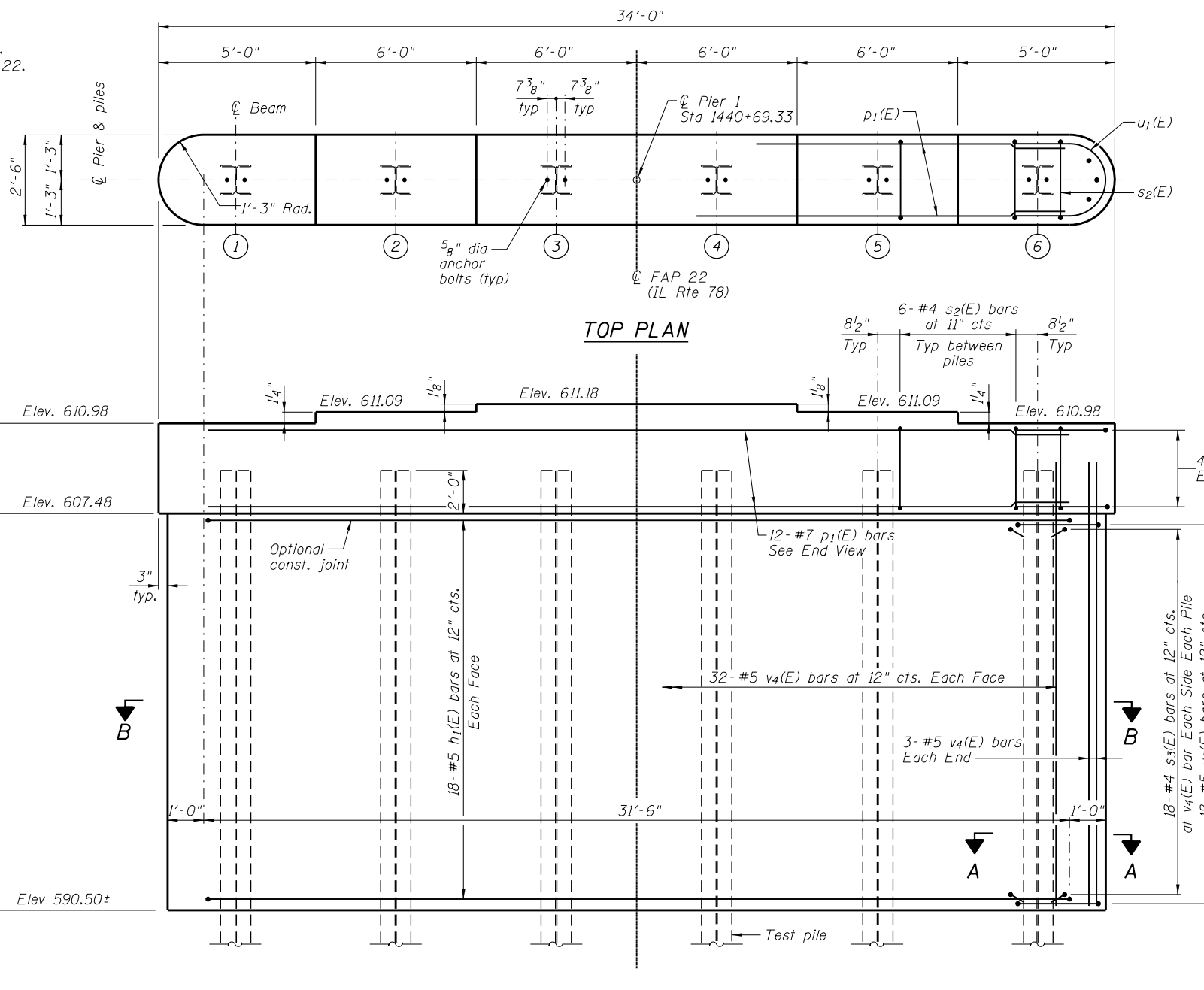
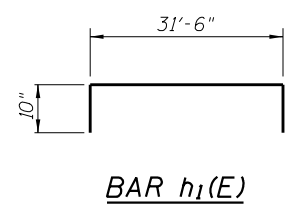


Notes:
 For details of piles, see sheet 20 of 22.
 For detail of cofferdam, see sheet 2 of 22.
 Pour steps monolithically with cap.
 Space reinforcement in pier cap to miss anchor bolts.



BILL OF MATERIAL

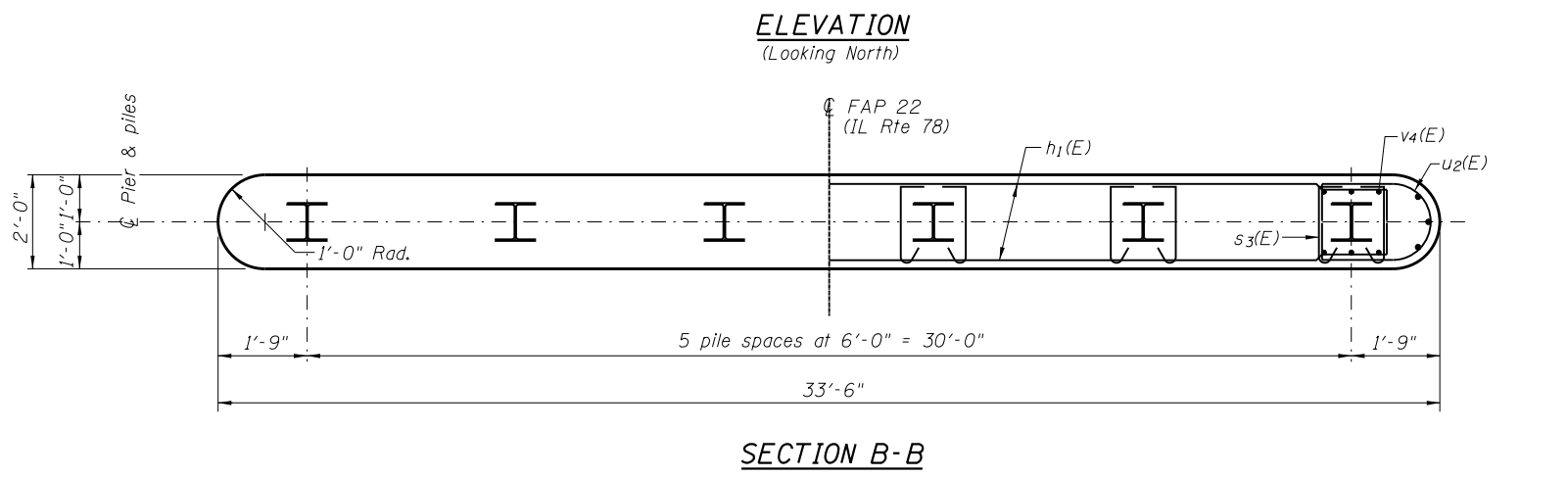
Bar	No.	Size	Length	Shape
h ₁ (E)	36	#5	33'-2"	U
p ₁ (E)	12	#7	31'-6"	—
s ₂ (E)	32	#4	11'-5"	□
s ₃ (E)	216	#4	2'-10"	U
u ₁ (E)	8	#6	11'-3"	U
u ₂ (E)	36	#5	11'-0"	U
v ₄ (E)	70	#5	19'-2"	—
Concrete Structures		Cu. Yd.	52.7	
Reinforcement Bars, Epoxy Coated		Pound	4620	
Furnishing Steel Piles HP12x63		Foot	160	
Driving Piles		Foot	160	
Test Pile Steel HP12x63		Each	1	
Cofferdam (Type 2) (Location-1)		Each	1	
Cofferdam Excavation		Cu. Yd.	223	
Seal Coat Concrete		Cu. Yd.	46.2	



END VIEW

PILE DATA

Type: HP12x63
 Nominal Required Bearing: 446k
 Factored Resistance Available: 241k
 Est. Length: 32' min
 No. Production Piles: 5
 No. Test Piles: 1



FILE NAME = p:\planning\commodor\11\mois.gov\p\DOT\Documents\DOT Offices\District 4\Projects\04_68758\CADDData\CADDsheets\IL78 Structural - IDOT Copies\p1er1.dgn