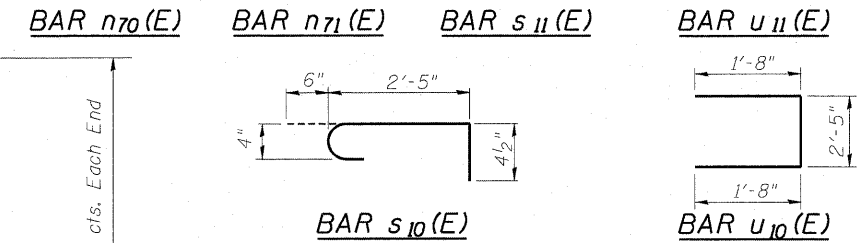
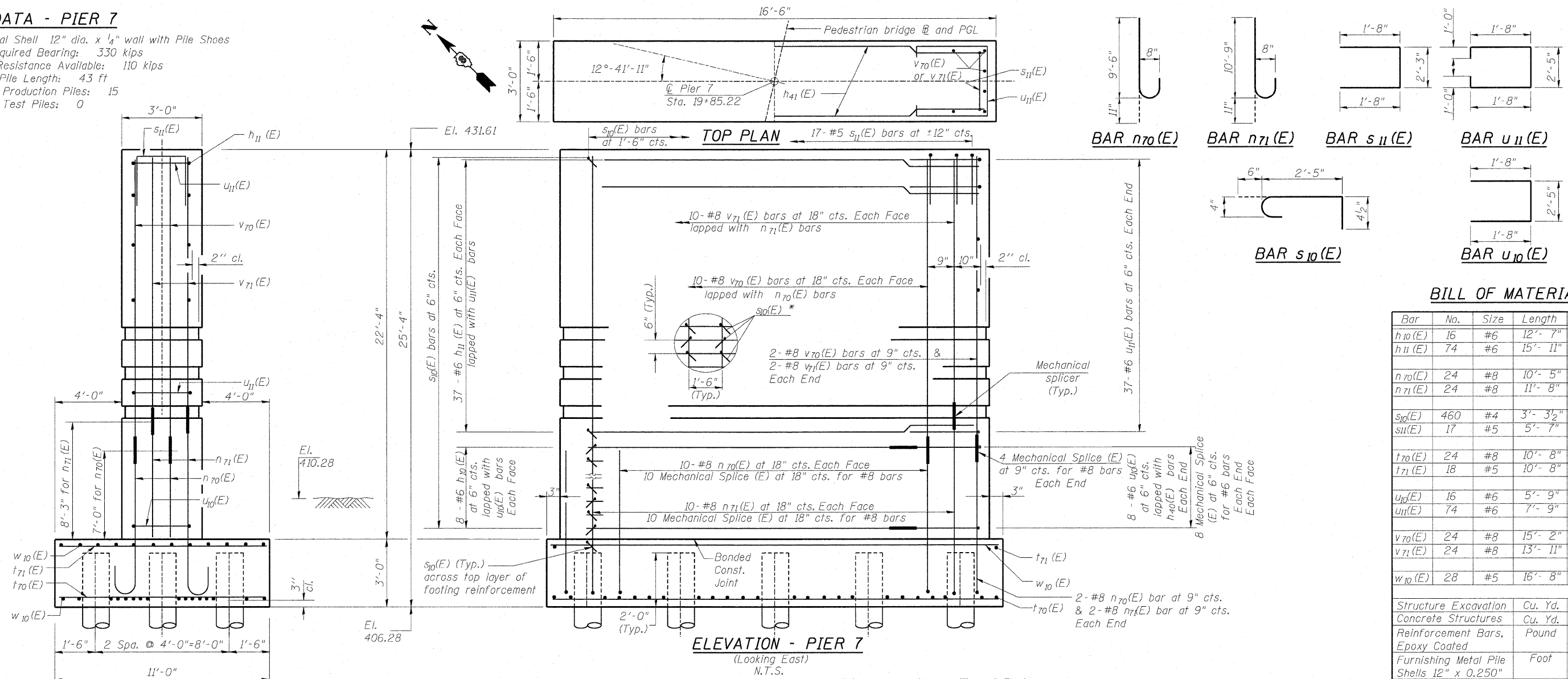


PILE DATA - PIER 7

Type: Metal Shell 12" dia. x 1/4" wall with Pile Shoes
 Nominal Required Bearing: 330 kips
 Allowable Resistance Available: 110 kips
 Estimated Pile Length: 43 ft
 Number of Production Piles: 15
 Number of Test Piles: 0



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h10(E)	16	#6	12'-7"	—
h11(E)	74	#6	15'-11"	—
n70(E)	24	#8	10'-5"	U
n71(E)	24	#8	11'-8"	U
s10(E)	460	#4	3'-3 1/2"	L
s11(E)	17	#5	5'-7"	L
t70(E)	24	#8	10'-8"	—
t71(E)	18	#5	10'-8"	—
u10(E)	16	#6	5'-9"	U
u11(E)	74	#6	7'-9"	U
v70(E)	24	#8	15'-2"	—
v71(E)	24	#8	13'-11"	—
w10(E)	28	#5	16'-8"	—
Structure Excavation		Cu. Yd.	46.7	
Concrete Structures		Cu. Yd.	62	
Reinforcement Bars, Epoxy Coated		Pound	8,840	
Furnishing Metal Pile Shells 12" x 0.250"		Foot	675	
Driving Piles		Foot	645	
Pile Shoes		Each	15	
Concrete Sealer		Sq. Ft.	50	
Mechanical Sandblast Finish		Sq. Ft.	688	
Concrete Surface Color Treatment		Sq. Ft.	66	
Mechanical Splice		Each	80	

* Arrange s10(E) bars in a grid pattern at intersection of n70(E) or n71(E) or v70(E) or v71(E) and h10(E) or h11(E) or u10(E) or u11(E). Orientation of 180° hook shall also be alternate.

- NOTES:**
- All edges shall have standard 3/4" chamfers except as noted.
 - Space reinforcement in cap to miss anchor bolts.
 - For Anchor bolt details see Sheet PB-5. Truss fabricator shall determine size & location of anchor bolts. Cost included with Pedestrian Truss Superstructure.
 - See Sheet PB-18 for urban design guideline.

