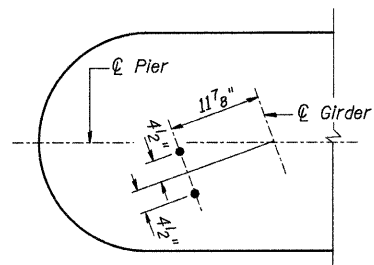
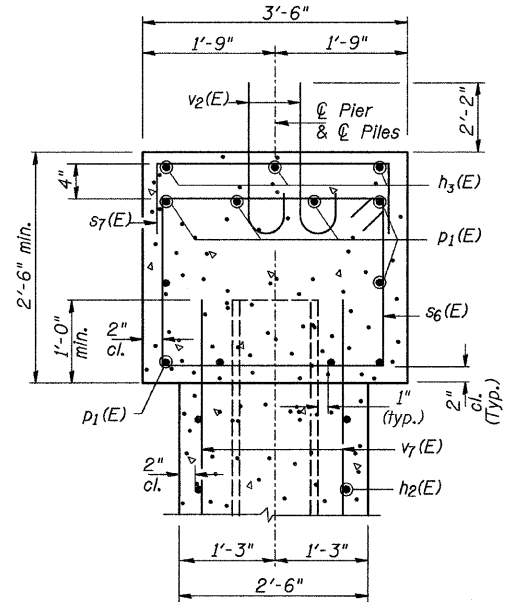
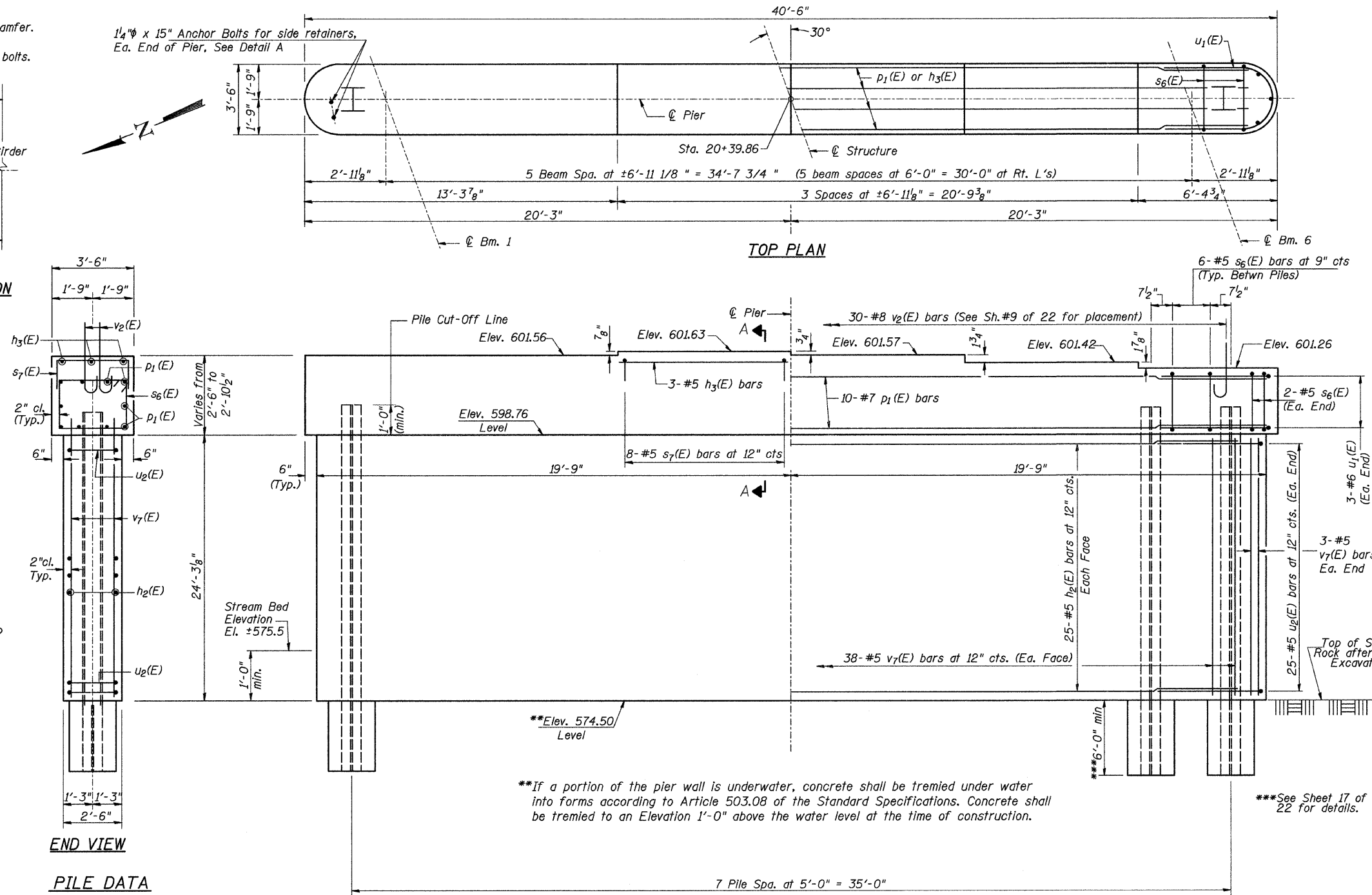


Notes:
All edges shall have standard $\frac{3}{4}$ " chamfer.
Pour steps monolithically with cap.
Space reinforcement to miss anchor bolts.
See Sh 17 of 22 for pile details.



DETAIL A
ANCHOR BOLT LOCATION



SECTION A-A

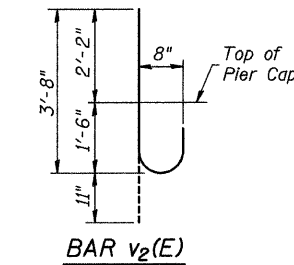
PIER #2 - BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h2(E)	50	#5	37'-0"	—
h3(E)	3	#5	6'-7"	—
p1(E)	10	#7	37'-0"	—
s6(E)	46	#5	11'-5"	□
s7(E)	8	#5	7'-6"	□
u1(E)	6	#6	12'-0"	U
u2(E)	50	#5	10'-5"	U
v2(E)	30	#8	4'-7"	—
v7(E)	82	#5	25'-3"	—
Concrete Structures			CU YD	101.8
Reinforcement Bars, Epoxy Coated			POUND	6,500
Rock Excavation			CU YD	10
Structure Excavation			CU YD	20
Furnishing Steel Piles HP12x63			FOOT	256
Setting Piles in Rock			EACH	8
Underwater Structure Excavation Protection, Location 2			EACH	1

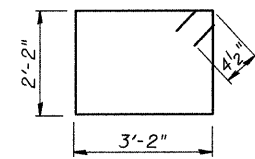
① See Special Provisions

Note:
The Pier Stem at each location shall rest on sound rock, but at an elevation no higher than 1' below the proposed streambed elevation. Should rock be encountered above this elevation, the rock shall be excavated to this minimum elevation to provide a level bearing for the stem. Should sound rock be encountered below this elevation the stem shall be extended to sound rock which has been excavated to provide a level bearing. Bottom of stem elevations shown on the plan sheets represent conditions anticipated based on the available subsurface information. Should either stem need to be adjusted from the elevations shown, the stem height and effected reinforcement lengths and/or number of bars required shall be adjusted accordingly.

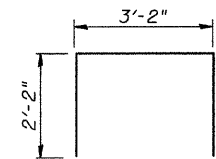
PIER #2



BAR v2(E)



BAR s6(E)

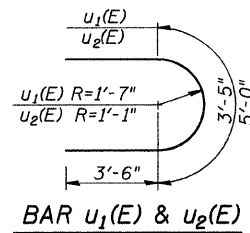


BAR s7(E)

END VIEW

PILE DATA

Type & Size: Steel HP12x63
Nominal Required Bearing: Set in Rock (497 kips)
Factored Resistance Available: (249 kips)
Est. Length: 32'
No. Required: 8



BAR u1(E) & u2(E)

ELEVATION
(Looking East)

FOOTING PLAN