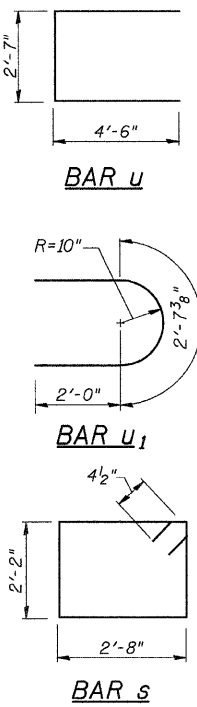
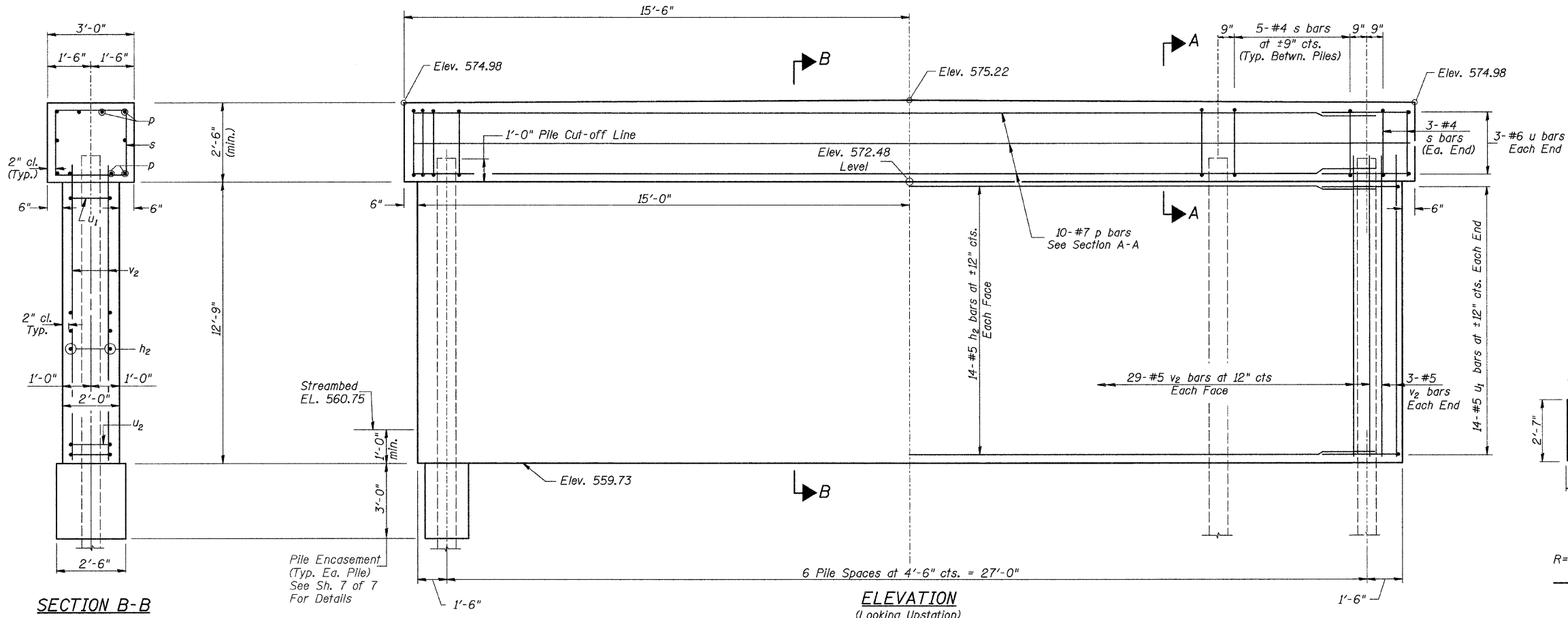
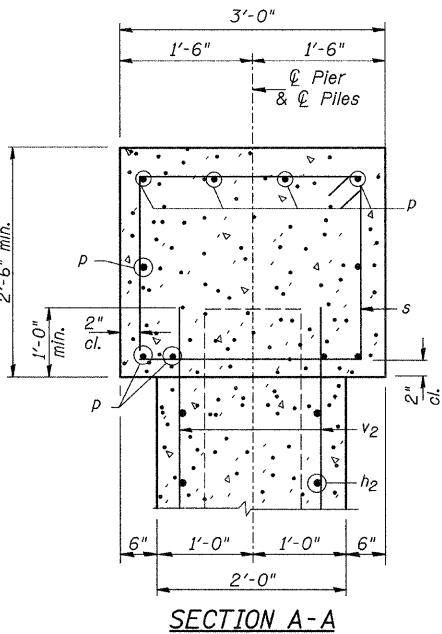
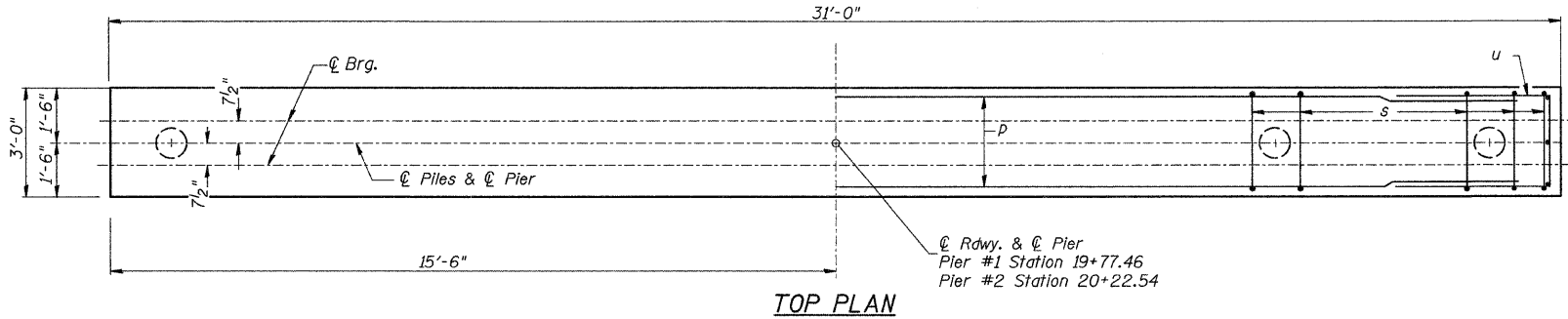


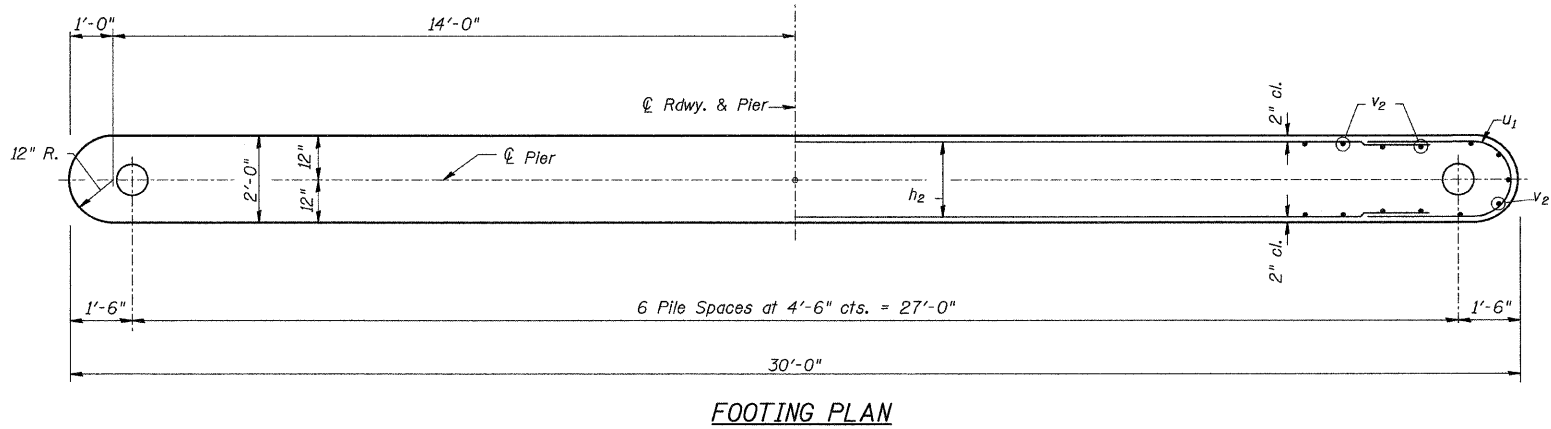
NOTES:
All edges shall have standard
3/4" chamfer.



TWO PIERS
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h ₂	56	#5	27'-8"	—
p	20	#7	30'-9"	—
s	72	#4	10'-5"	□
u	12	#6	11'-7"	⌋
u ₁	56	#5	6'-8"	⌋
v ₂	128	#5	13'-7"	—
Concrete Structures			CU YD	68.3
① Reinforcement Bars			POUND	5,790
Structure Excavation			CU YD	25
Furnishing Metal Shell Piles 12"			FOOT	834
Driving Piles			FOOT	834
Test Pile Metal Shells			EACH	2
Pile Shoes			EACH	14
Concrete Encasement			CU YD	6.4
① Underwater Structure Excavation Protection, Location 1			EACH	1
① Underwater Structure Excavation Protection, Location 2			EACH	1
① See Special Provisions				

PILE DATA
Type & Size: Metal Shell-12"φ x 0.25" walls w/ pile shoes
Nominal Required Bearing: 315 kips
Allowable Resistance Available: 105 kips
Est. Length: 82' Pier #1
57' Pier #2
No. Req'd.: 14 (Includes 1 Test Pile at Each Pier)



PIERS
COUNTY HIGHWAY 32
OVER NORTH FORK
MAUVAISE TERRE CREEK
SECTION 07-00098-00-BR
MORGAN COUNTY
STATION 20+00.00