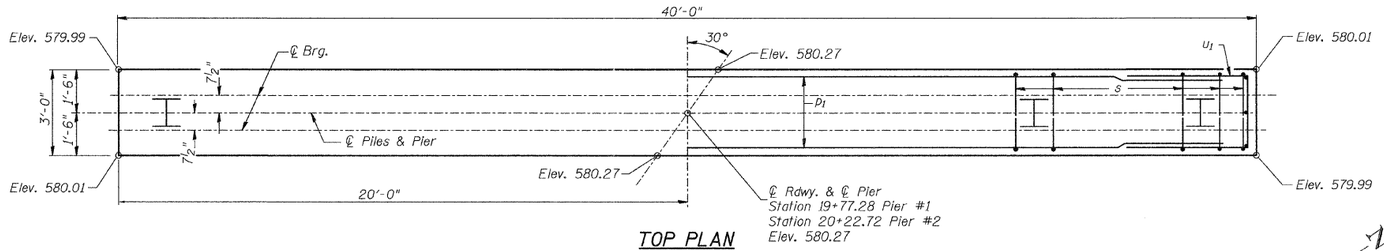
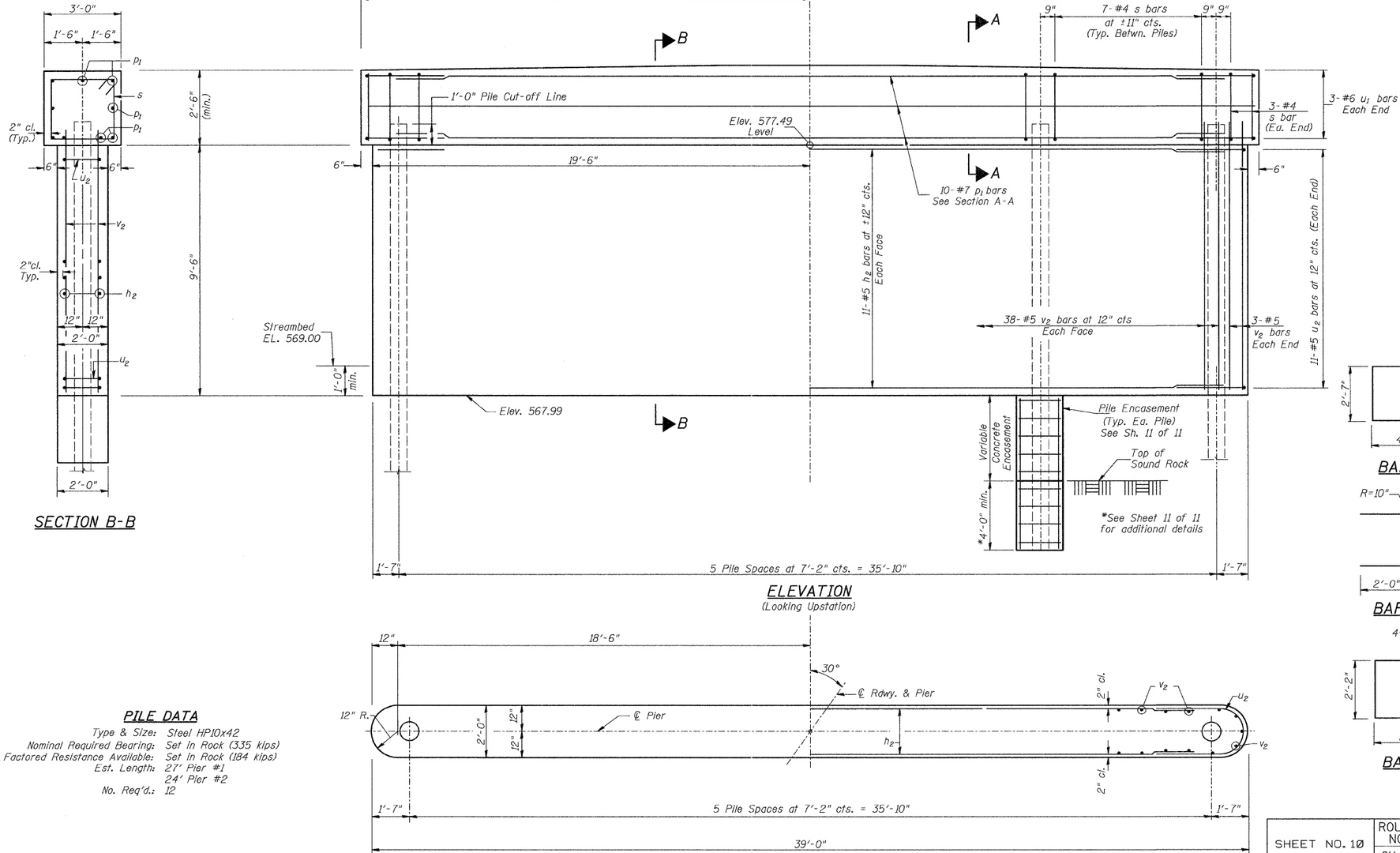
NOTES:
All edges shall have standard $\frac{3}{4}$" chamfer.

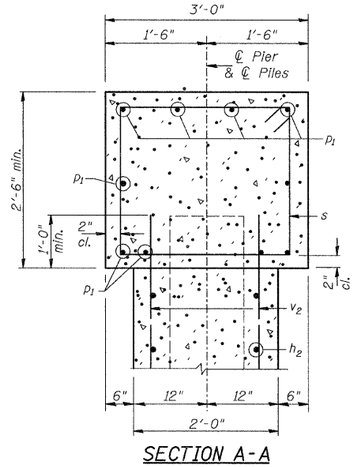


TOP PLAN



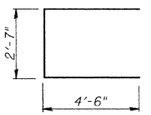
ELEVATION
(Looking Upstation)

SECTION B-B

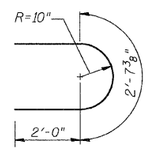


SECTION A-A

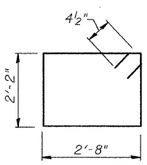
FOOTING PLAN



BAR u_1



BAR u_2



BAR s

PILE DATA

Type & Size: Steel HP10x42
Nominal Required Bearing: Set in Rock (335 kips)
Factored Resistance Available: Set in Rock (184 kips)
Est. Length: 21' Pier #1
24' Pier #2
No. Req'd.: 12

TWO PIERS
BILL OF MATERIAL

BAR	NO.	SIZE	LENGTH	SHAPE
h_2	44	#5	36'-8"	——
p_1	20	#7	39'-9"	——
s	82	#4	10'-5"	□
u_1	12	#6	11'-7"	⊏
u_2	44	#5	6'-8"	⊂
v_2	164	#5	10'-4"	——
Concrete Structures			CU YD	77.8
Reinforcement Bars			POUND	6,160
Cofferdam Excavation			CU YD	55
① Furnishing Steel Piles HP10x42			FOOT	306
① Setting Piles in Rock			EACH	12
Concrete Encasement			CU YD	15.4
① Cofferdam (Type 1) (Location-1)			EACH	1
① Cofferdam (Type 1) (Location-2)			EACH	1

① See Special Provisions

PIERS
PIKE COUNTY
SECTION 11-00089-00-BR
C.H. 4 OVER NORTH FORK HADLEY CREEK

SHEET NO. 10	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
17 SHEETS	CH 4	11-00089-00-BR	PIKE	28	17
		S.N. 075-3324	CONTRACT NO. 93564		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0596(105)		

3063b010