



MIN. BAR LAP
#5 = 1'-9"

PILE DATA

Type ----- Steel HP12x53
No. Req'd. (2 Piers) ----- *10
Factored Resistance Available ----- 197 Kips/Pile
Nominal Req'd Bearing ----- 359 Kips/Pile
Est. Length ----- 65 Ft/Pile

Notes: * Includes one test pile to be driven in a permanent location at Pier 2.
The test piles shall be driven to 110 percent of the Nominal Required Bearing Indicated in the pile data information.

BILL OF MATERIAL - 2 PIERS

BAR	NO.	SIZE	LENGTH	SHAPE
h2	60	#5	31'-0"	—
p	16	#7	34'-6"	—
p1	20	#4	34'-6"	—
s2	300	#4	2'-10"	U
s3	48	#5	12'-7"	□
s4	4	#5	13'-0"	□
u1	16	#6	12'-11"	U
u2	58	#5	7'-8"	U
v4	62	#5	16'-0"	—
v5	66	#5	15'-0"	—
Concrete Structures			Cu. Yd.	109.6
Reinforcement Bars			Pound	7,160
Steel Piles HP12x53			Foot	585
Test Pile Steel HP12x53			Each	1
Cofferdam (Type 2) (Location 1)			Each	1
Cofferdam (Type 2) (Location 2)			Each	1