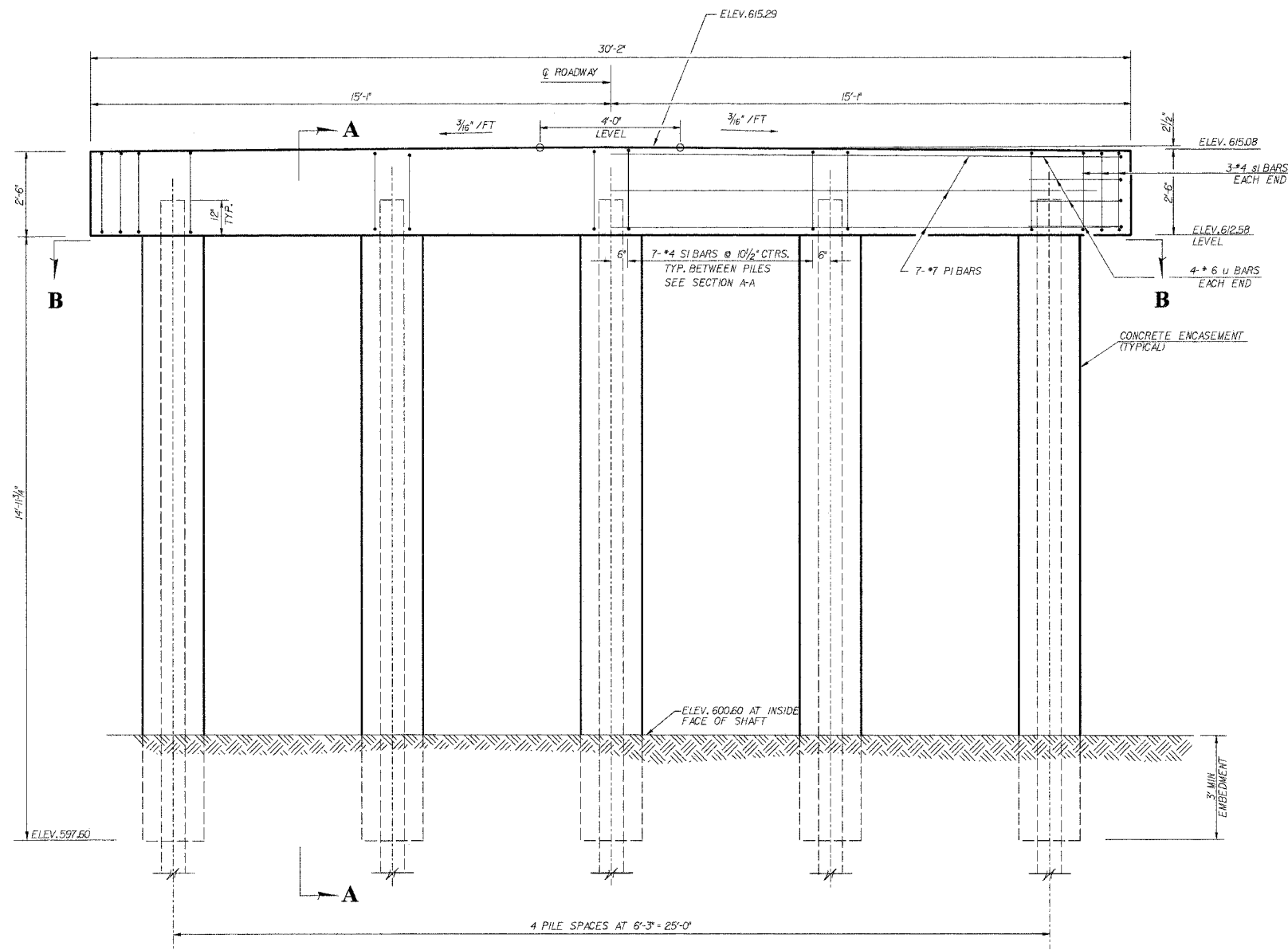
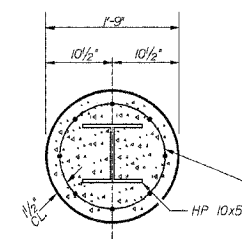


PLAN

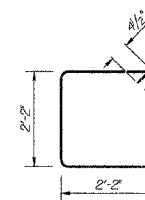


ELEVATION

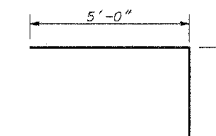


SECTION B-B

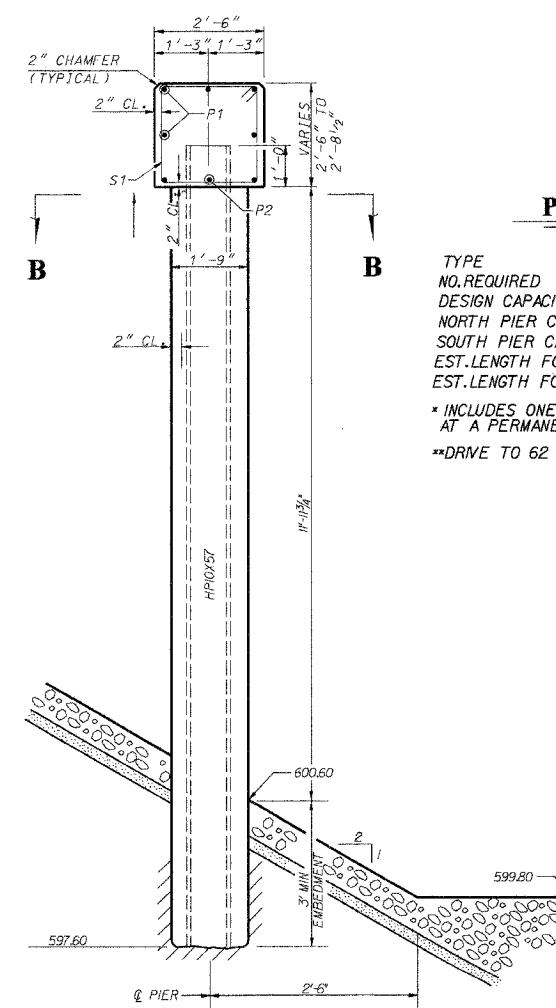
WELDED WIRE FABRIC 6X6-W40XW40 WEIGHING 58#/100 SQ.FT. THE COST OF EXCAVATION AND REINFORCEMENT IS INCIDENTAL TO THE COST OF CONCRETE ENCASEMENT IF A PORTION OF THE PILE ENCASEMENT IS UNDERWATER, CONCRETE SHALL BE TREMMIED UNDERWATER INTO FORMS AS NECESSARY. COFFERDAMS ARE NOT REQUIRED FOR THIS WORK.



BAR S1



BAR U



SECTION A-A

PILE DATA

TYPE: STEEL HP10x57
 NO. REQUIRED: 10*
 DESIGN CAPACITY: 41.3 TON/PILE**
 NORTH PIER CAPACITY: 41 TON/PILE DRIVEN TO 62 TON BEARING
 SOUTH PIER CAPACITY: 41 TON/PILE DRIVEN TO 62 TON BEARING
 EST. LENGTH FOR NORTH PIER: 44 FEET
 EST. LENGTH FOR SOUTH PIER: 34 FEET
 * INCLUDES ONE TEST PILE TO BE DRIVEN AT A PERMANENT LOCATION IN NORTH PIER
 ** DRIVE TO 62 TON/PILE

BILL OF MATERIALS

TWO PIERS				
BAR	NO.	SIZE	LENGTH	SHAPE
p1	14	#7	29'-10"	—
p2	8	#7	5'-11"	—
s1	68	#4	9'-5"	□
u	16	#6	12'-1"	□
CONCRETE STRUCTURES			CU. YD.	14.6
REINFORCEMENT BARS			POUND	1670
TEST PILE, ST. HP10x57			EACH	1
FUR STEEL PILES HP10x57			FOOT	346
DRIVE STEEL PILES			FOOT	346
CONCRETE ENCASEMENT			CU. YD.	13.3

NOTE: ALL EXPOSED EDGES SHALL HAVE STANDARD 2" CHAMFER

<p>PIER DETAILS</p> <p>SECTION 98-13116-00-BR STRATTON TOWNSHIP EDGAR COUNTY</p>	<p>McCLINTOCK CIVIL ENGINEERING SERVICE 404 SHAW AVENUE, PARIS, IL 61944 PHONE (217) 468-6110</p>	
	<p>DRN TLC DATE 4/21/03 REVISED: SDE 8/14/03 APPR.</p>	<p>SHEET 7 OF 11 JOB NO. 3137-500-00</p>