

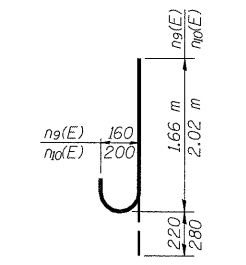
SECTION A-A

SECTION B-B

PIER #2 BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
n6(E)	56	#20	11.18	—
n7(E)	6	#25	11.55	—
n9(E)	6	#20	1.88	—
n10(E)	84	#25	2.30	—
p24(E)	12	#25	8.11	—
p25(E)	6	#25	9.65	—
p26(E)	12	#30	12.90	—
p27(E)	8	#20	11.65	—
p28(E)	28	#15	3.40	—
p29(E)	4	#15	1.54	—
s22(E)	72	#20	4.57	—
s23(E)	72	#20	9.35	—
s24(E)	74	#15	2.85	—
s25(E)	71	#15	4.74	—
* sp6(E)	1	#15	4.74	—
* sp7(E)	1	#15	4.53	—
* sp8(E)	1	#15	4.32	—
* sp9(E)	1	#15	4.11	—
* sp10(E)	1	#15	3.90	—
* sp11(E)	1	#15	3.69	—
t(E)	106	#20	3.12	—
u3(E)	38	#20	4.09	—
v22(E)	6	#20	4.12	—
v23(E)	14	#25	5.40	—
v24(E)	14	#25	5.20	—
v25(E)	14	#25	5.00	—
v26(E)	14	#25	4.80	—
v27(E)	14	#25	4.60	—
v28(E)	14	#25	4.40	—
w(E)	22	#15	12.06	—
Concrete Structures		m ³	235.3	
Reinforcement Bars (Epoxy Coated)		kg	12,060	
Structure Excavation		m ³	303	
Furnishing Metal Pile Shell 356mmX6.35mm		m	377.0	
Driving Piles		m	377.0	
Test Pile Metal Shells		Each	1	

*Length is height of spiral

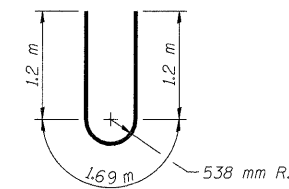


BAR n9(E) & n10(E)

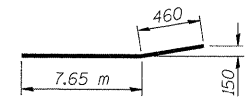
BARS s22(E), s23(E), s24(E)

A & B DIMENSIONS

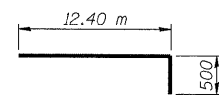
Bar	A	B
s22(E)	1.11 m	1.73 m
s23(E)	1.11 m	4.12 m
s24(E)	1.11 m	870



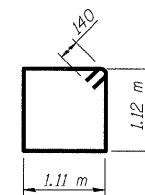
BAR u3(E)



BAR p24(E)



BAR p26(E)



BARS s25(E)

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DESIGNED	ADL
CHECKED	WLW
DRAWN	RLW/ADL
CHECKED	WLW

PIER #2 DETAILS
FAP RTE. 310 (IL RTE. 255) NB & RAMP C OVER
UNION PACIFIC & KANSAS CITY SOUTHERN R.R.
SECTION 60-15VB-1 & 2
MADISON COUNTY
STATION 39+160.297
STRUCTURE NUMBER 060-0310