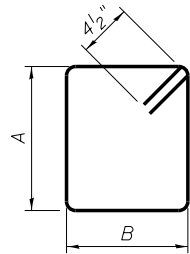


PIER 7 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d530(E)	6	#7	6'-2"	—
n530(E)	20	#8	13'-11"	—
p530(E)	4	#8	16'-3"	—
p531(E)	4	#8	6'-0"	—
p532(E)	6	#8	7'-4"	—
p533(E)	22	#5	2'-3"	—
s530(E)	12	#5	15'-3"	—
s532(E)	9	#4	12'-5"	—
t530(E)	15	#6	7'-8"	—
u530(E)	5	#5	13'-3"	—
w530(E)	15	#8	8'-10"	—
Structure Excavation	Cu. Yd.		28	
Concrete Structures	Cu. Yd.		10.8	
Reinforcement Bars, Epoxy Coated	Pound		2,090	
Furnishing Steel Piles HP12x53	Foot		135	
Driving Piles	Foot		135	
Test Pile Steel HP12x53	Each		1	
Pile Shoes	Each		4	
Concrete Sealer	Sq. Ft.		229	

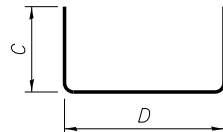


BARS s530(E), s531(E), s532(E), s540(E) & s550(E)

Bar	A	B
s530(E)	4'-3"	3'-0"
s531(E)	1'-11"	1'-11"
s532(E)	3'-2"	2'-8"
s540(E)	2'-9"	1'-6"
s550(E)	2'-10"	1'-6"

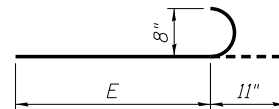
PIER 8 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d540(E)	6	#7	5'-2"	—
d541(E)	10	#5	4'-0"	—
h541(E)	4	#8	10'-6"	—
h542(E)	4	#5	10'-6"	—
n540(E)	14	#8	18'-11"	—
n541(E)	11	#6	9'-10"	—
p540(E)	6	#8	17'-10"	—
p541(E)	4	#8	6'-4"	—
p542(E)	26	#5	2'-11"	—
s531(E)	17	#4	8'-5"	—
s540(E)	10	#5	9'-3"	—
s542(E)	12	#5	7'-6"	—
t540(E)	26	#6	5'-8"	—
u540(E)	10	#5	9'-9"	—
w540(E)	14	#8	10'-6"	—
Structure Excavation	Cu. Yd.		64	
Concrete Structures	Cu. Yd.		13.4	
Reinforcement Bars, Epoxy Coated	Pound		2,570	
Furnishing Steel Piles HP12x53	Foot		120	
Driving Piles	Foot		120	
Test Pile Steel HP12x53	Each		1	
Pile Shoes	Each		4	



BARS n541(E), p541(E), s542(E), u540(E), p551(E), u550(E), p532(E), u530(E), t530(E) & w530(E)

Bar	C	D
n541(E)	3'-10"	2'-2"
p541(E)	1'-4"	3'-8"
s542(E)	2'-8"	2'-2"
u540(E)	3'-10"	2'-1"
p551(E)	1'-4"	2'-2"
u550(E)	2'-4"	2'-1"
p532(E)	1'-4"	4'-8"
u530(E)	4'-10"	3'-7"
t530(E)	1'-0"	5'-8"
w530(E)	1'-4"	6'-2"

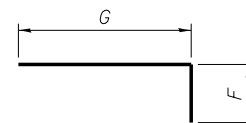


BARS n530(E) & n540(E)

Bar	E
n530(E)	13'-0"
n540(E)	18'-0"

PIER 9 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d541(E)	10	#5	4'-0"	—
d550(E)	6	#7	3'-8"	—
h551(E)	4	#8	9'-9"	—
h552(E)	4	#5	9'-9"	—
n540(E)	14	#8	18'-11"	—
n541(E)	11	#6	9'-10"	—
p540(E)	6	#8	17'-10"	—
p542(E)	28	#5	2'-11"	—
p551(E)	4	#8	4'-10"	—
s531(E)	16	#4	8'-5"	—
s542(E)	12	#5	7'-6"	—
s550(E)	8	#5	9'-5"	—
t540(E)	24	#6	5'-8"	—
u540(E)	6	#5	9'-9"	—
u550(E)	4	#5	6'-9"	—
w550(E)	14	#8	9'-9"	—
Structure Excavation	Cu. Yd.		41	
Concrete Structures	Cu. Yd.		12.6	
Reinforcement Bars, Epoxy Coated	Pound		2,450	
Furnishing Steel Piles HP12x53	Foot		135	
Driving Piles	Foot		135	
Test Pile Steel HP12x53	Each		1	
Pile Shoes	Each		4	



BARS d540(E), p540(E), p542(E), d550(E), p530(E), p531(E), p533(E) & d530(E)

Bar	F	G
d540(E)	1'-2"	4'-0"
p540(E)	1'-4"	16'-6"
p542(E)	11"	1'-10"
d550(E)	1'-2"	2'-6"
p530(E)	1'-4"	14'-11"
p531(E)	1'-4"	4'-8"
p533(E)	11"	1'-4"
d530(E)	1'-2"	5'-0"