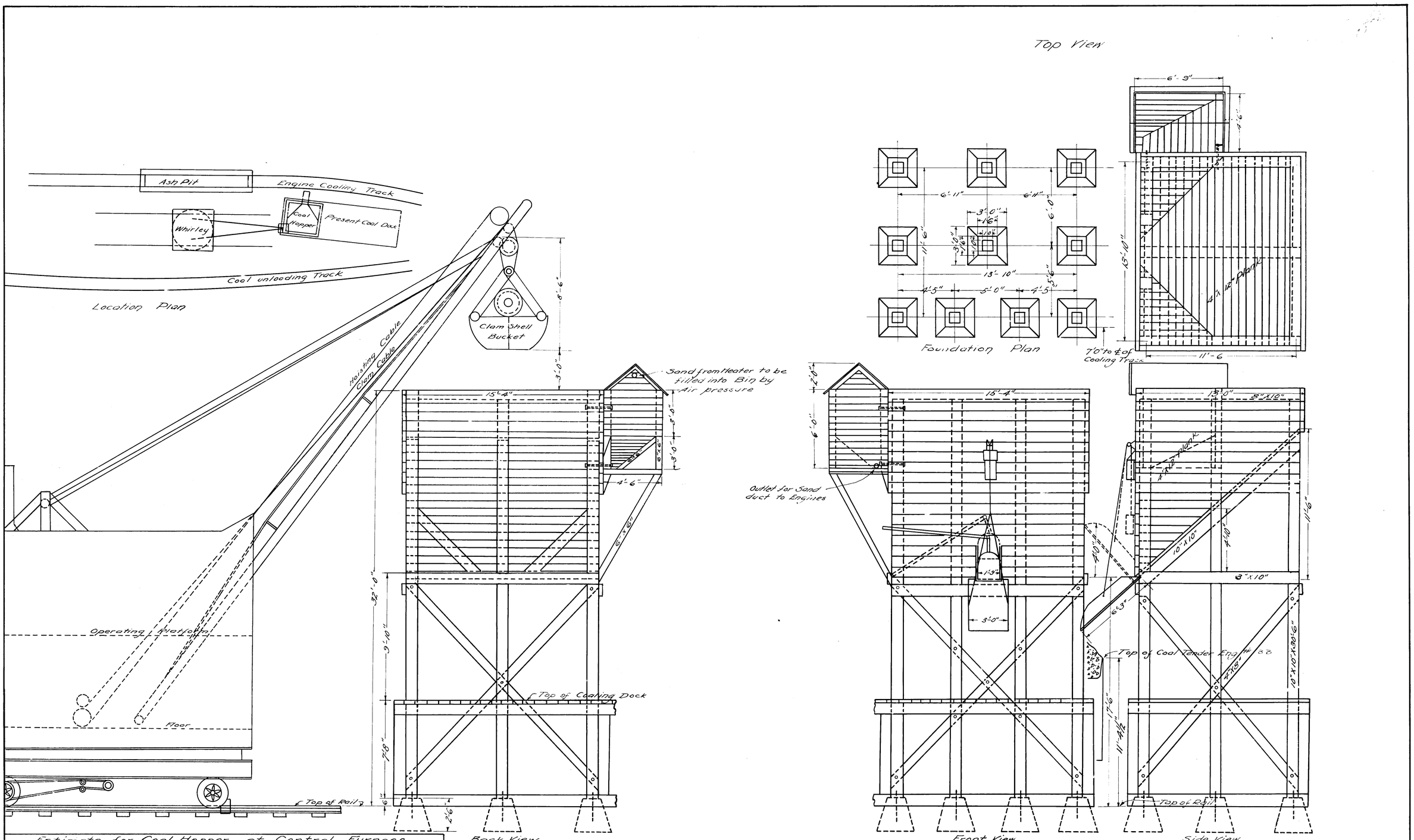

Estimate for Coal Hopper at Central Furnace

Foundations	10 Concrete Piers 1.04 Cu. Yds. each @ $16.00	1.04 Cu. Yds.	166.40
Lumber	500' of 10"x10" = 4166 B.M.		
	168' " 4"x8" = 448 " "		
	1082' " 4"x10" = 3606 " " = 8220 B.M. @ $40.00	=	328.60
Hardware	Bolts - 12 - 3/4"x17 - 40 - 3/4"x21" = 120" @ 10¢	=	12.00
	Dowel Pins - 8 - 3/4"x20" - 9 - 3/4"x15" = 40" @ 10¢	=	4.00
	Boat Spikes - 420 - 1/2"x12"x10" = 10" @ 10¢	=	21.00
	Hopper Gate, Coaling Gate & Lever	=	100.00
	Pulleys, Counter Weight Chains &c.	=	25.00
Steel Plates	225 1/4" 1/4" plate for Floor = 2700# @ 10¢	=	270.00
	Hinged Steel Plate Coal Chute 300# @ 10¢	=	30.00
Labor		=	545.00
	Total		1500.00

Bill of Timber

9 Posts - 10"x10"x30'0"	4 Sway Braces 4"x8"x22'0"	4 Posts 6"x6"x6'
1 " " " x21'6"	4 " " " x20'0"	2 Braces 6"x6"x10'
1 Floor Beam " " x18'0"	42 - Plank 4"x12"x16'0"	3 Sills 6"x6"x6'
2 " " " x16'0"	16 - " " x14'0"	20 Plank 2"x6"x16'
4 " " " x8'0"		2 Rafters 2"x4"x12'
2 Girts " " x6'6"		7 Sheeting 1"x12"x8'
2 " " " x5'6"		54 ft. Tar Paper
2 " " " x5'0"		
2 " " " x4'0"		4 - 1" x 24" Bolts
1 " " " x4'-6"		20# Spikes
2 Caps 8"x10"x16'0"		
2 " " " x14'0"		

Eng. M. of W. Office	N. & S.S. Ry.	Cleveland, O.

COALING HOPPER AT CENTRAL FURNACE

Scale 1/4" = 1'	June 1, 1917	6-59-6