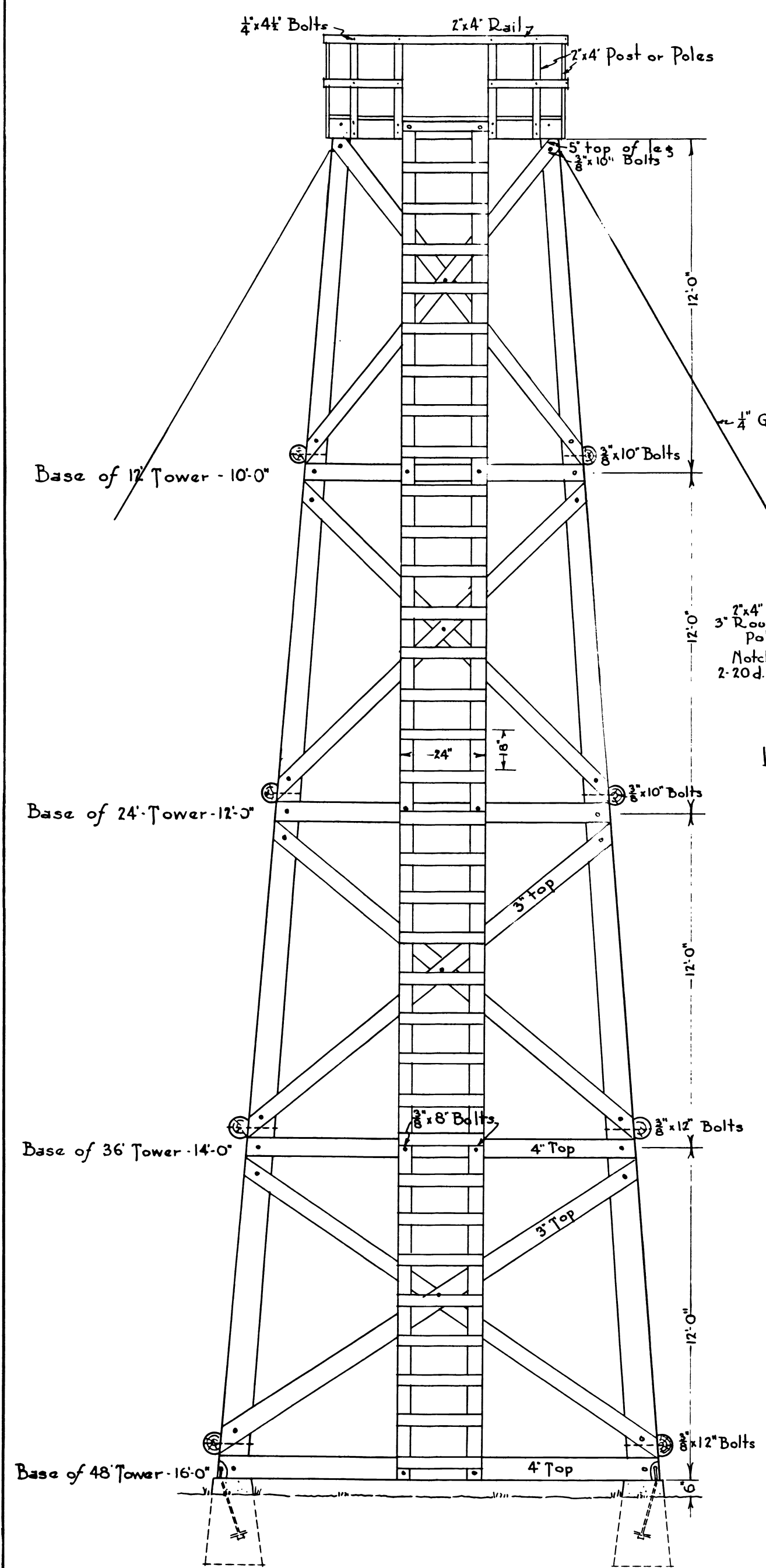
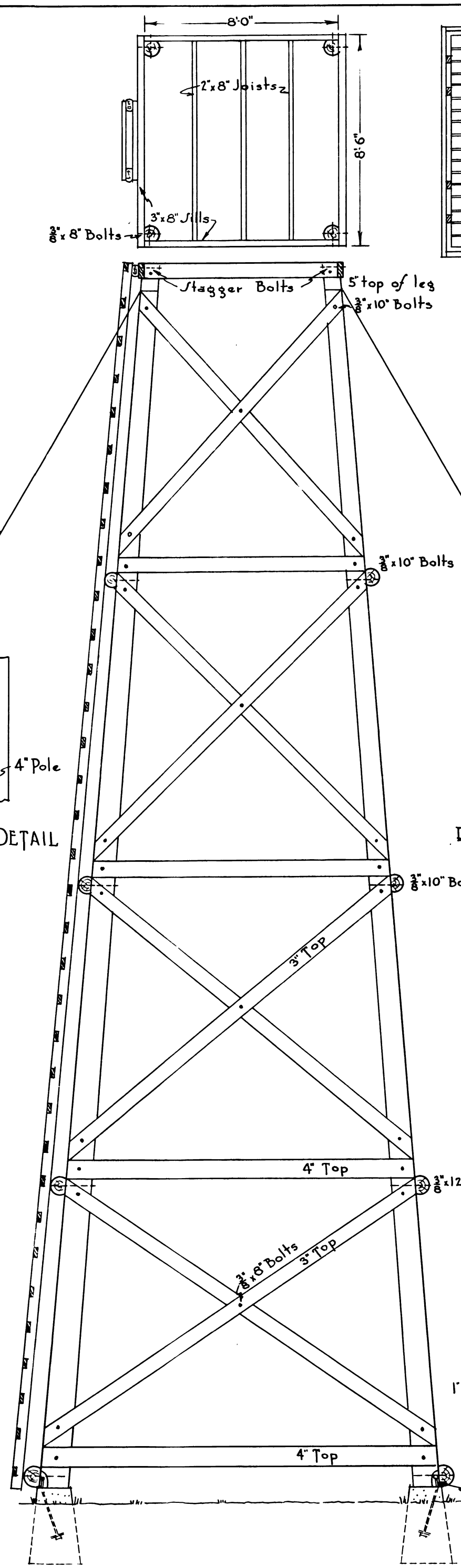


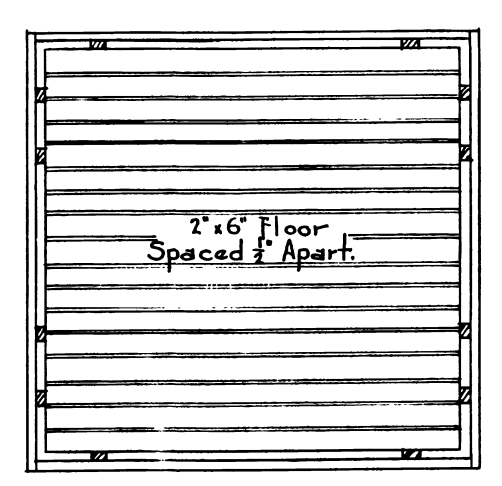
SP-07-03-01



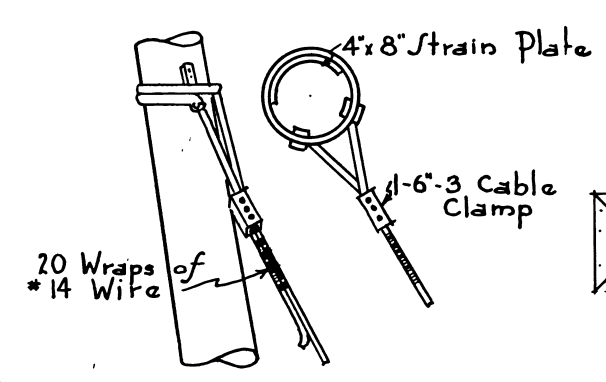
FRONT ELEVATION
Scale 1/4" = 1'-0"



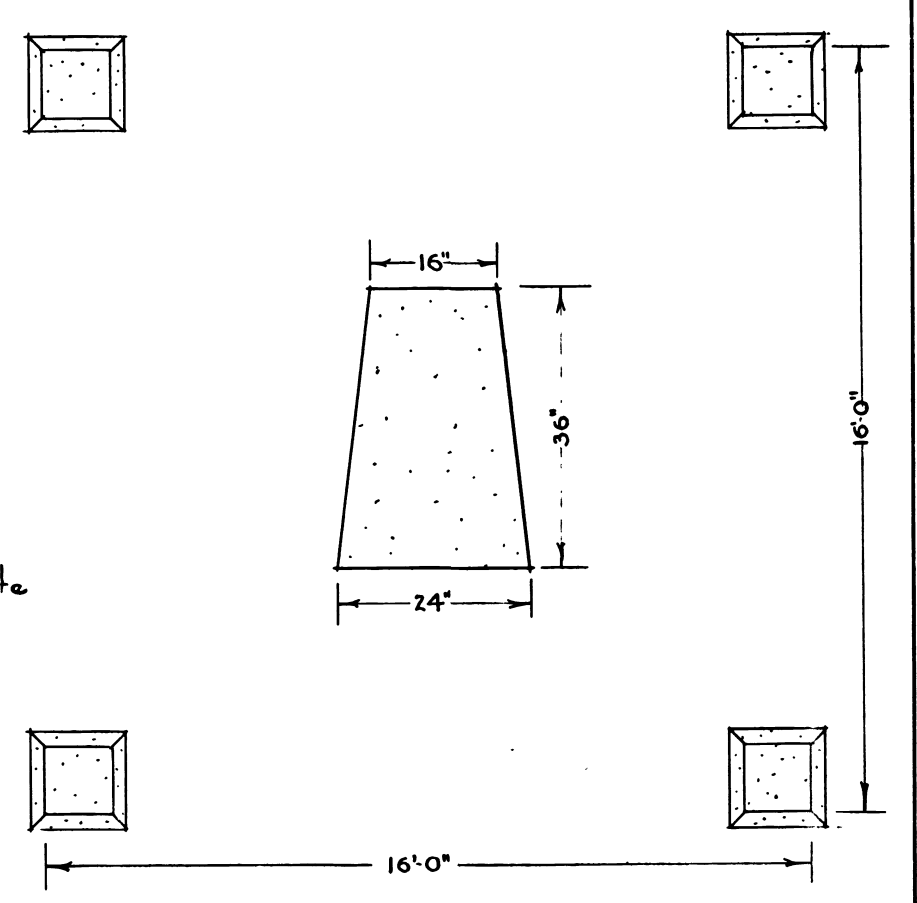
SIDE ELEVATION
Scale 1/4" = 1'-0"



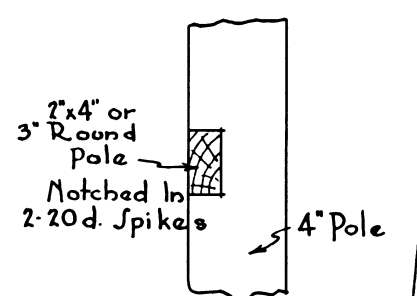
FLOOR PLAN



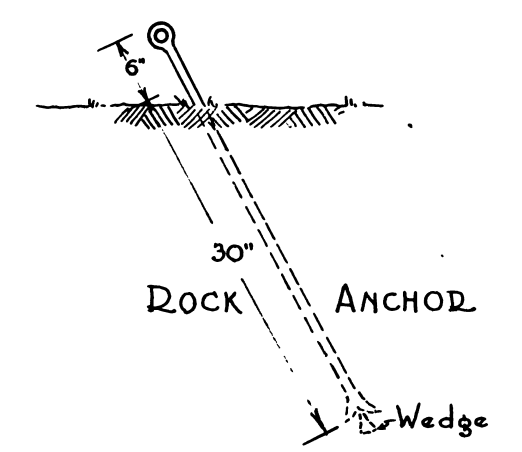
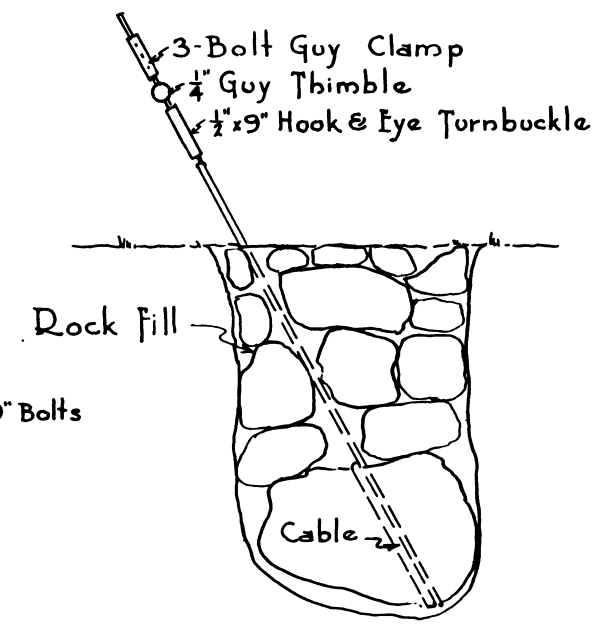
GUY CONNECTIONS



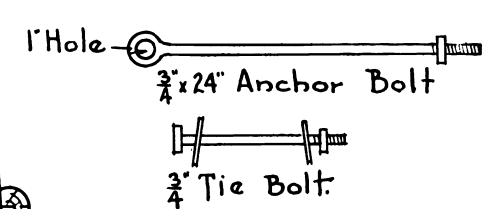
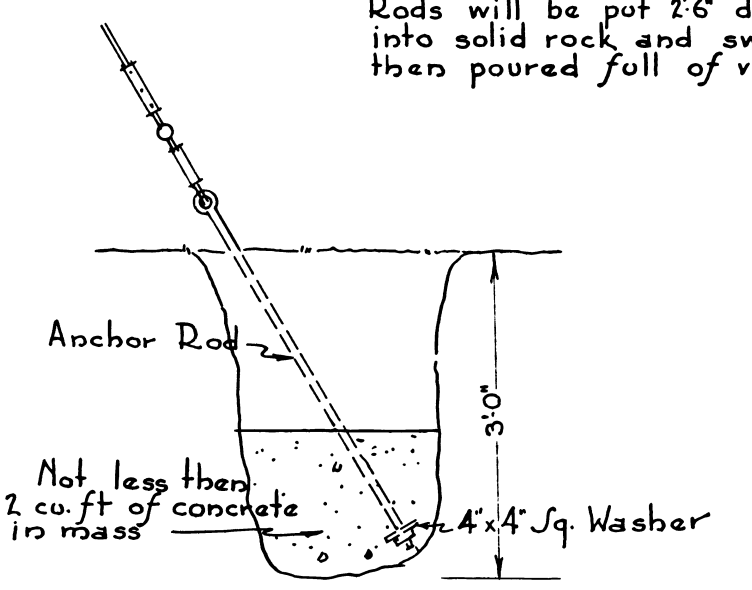
FOUNDATION PLAN
48' Tower



LADDER DETAIL



Where solid rock is encountered Anchor Rods will be put 2'-6" deep in holes drilled into solid rock and swaged. The hole is then poured full of very thin pure cement.



Anchor Bolt is set in concrete on slant. After tower is erected bolt is bent over against the leg and the hole is bored through leg and the bolt is inserted and drawn up snug.

Note: Assemble tower on the ground and erect in one piece using Bebee Hoist and Gin Pole.

Old Plan T-5
Changed 8/1/39
Drawn by R.T. Chapel

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE R-1
PATROL TOWER L-3
Designed by C.P. Pickes-et al.
Approved by *Howard R. Flint.*
February 1933 Sheet 1 of 2

R1_L3-1_1933

MATERIAL LIST

L-3 Tower

4	1/2" x 24" eye bolts	
4	4" x 4" x 3/16"-7/8" hole square washers, gal.	
4	1/2" x 10" machine bolts	
40	3/8" x 12" " "	
64	3/8" x 10" " "	
40	3/8" x 8" " "	
20	1/4" x 5-1/2" carriage bolts, platform railing	
20	1/4" x 4-1/2" " " " "	
260	ft. 1/4" gal. guy cable	
4	1/8" x 4" x 8" strain plates	
8	1-3/4" x 3/8" x 4" guy hooks	
16	1/2" x 4" lag screws	
8	6" 3-bolt guy clamps	
4	1/4" guy thimbles	
4	1/2" x 9" hook and eye turnbuckles	
4	1/2" x 6" anchor rods	(If not possible to use
4	4" x 4" x 3/16"-7/8" hole washers	a rock deadman)
10	9/16" iron washers	
300	7/16" " "	
50	5/16" " "	
2	3 x 8 - 8'6" platform frame	
2	3 x 8 - 8' " "	
3	2 x 8 - 8' " joist	
18	2 x 6 - 8'6" " floor	
10	2 x 4 - 4' " railing posts	
8	2 x 4 - 10' " railings	
2	gal. creosote	
1	3-in. brush	

(Material for ladder steps not included)

MATERIAL LIST

T-3-24' Tower

20	1/4" x 4-1/2" carriage bolts, platform railing	
4	1/2" x 24" eye bolts	
4	4" x 4" x 3/16"-7/8" hole square washers, galv.	
4	1/2" x 10" machine bolts	
56	3/8" x 10" " "	
28	3/8" x 8" " "	
20	1/4" x 5-1/2" carriage bolts, platform railing	
150	ft. 1/4" galv. guy cable	
4	1/8" x 4" x 8" strain plates	
8	1-3/4" x 3/8" x 4" guy hooks	
16	1/2" x 4" lag screws	
8	6" 3-bolt guy clamps	
4	1/4" guy thimbles	
4	1/2" x 9" hook and eye turnbuckles	
4	1/2" x 6" anchor rods	(If not possible to use
4	4" x 4" x 3/16"-7/8" hole washers	a rock deadman.)
10	9/16" iron washers	
200	7/16" " "	
50	5/16" " "	
2	3 x 8 - 8'6" platform frame	
2	3 x 8 - 8' " "	
3	2 x 8 - 8' " joist	
18	2 x 6 - 8'6" " floor	
10	2 x 4 - 4' " railing posts	
8	2 x 4 - 10' " railings	

(Material for ladder steps not included)

MATERIAL LIST

T-3-36' Tower

4	1/2" x 24" eye bolts	
4	4" x 4" x 3/16"-7/8" hole square washers, galv.	
4	1/2" x 10" machine bolts	
16	3/8" x 12" " "	
64	3/8" x 10" " "	
34	3/8" x 8" " "	
20	1/4" x 5-1/2" carriage bolts, platform railing	
20	1/4" x 4-1/2" " " " "	
200	ft. 1/4" galv. guy cable	
4	1/8" x 4" x 8" strain plates	
8	1-3/4" x 3/8" x 4" guy hooks	
16	1/2" x 4" lag screws	
8	6" 3-bolt guy clamps	
4	1/4" guy thimbles	
4	1/2" x 9" hook and eye turnbuckles	
4	1/2" x 6" anchor rods	(If not possible to use
4	4" x 4" x 3/16"-7/8" hole washers	use a rock deadman)
10	9/16" iron washers	
250	7/16" " "	
50	5/16" " "	
2	3 x 8 - 8'6" platform frame	
2	3 x 8 - 8' " "	
3	2 x 8 - 8' " joist	
18	2 x 6 - 8'6" " floor	
10	2 x 4 - 4' " railing posts	
8	2 x 4 - 10' " railings	

(Material for ladder steps not included)

Old Plan T-3
changed 8/1/33

PATROL TOWER L-3
February 1933 Sheet 2 of 2

SP-07-03-01

R1-L3-2-1933