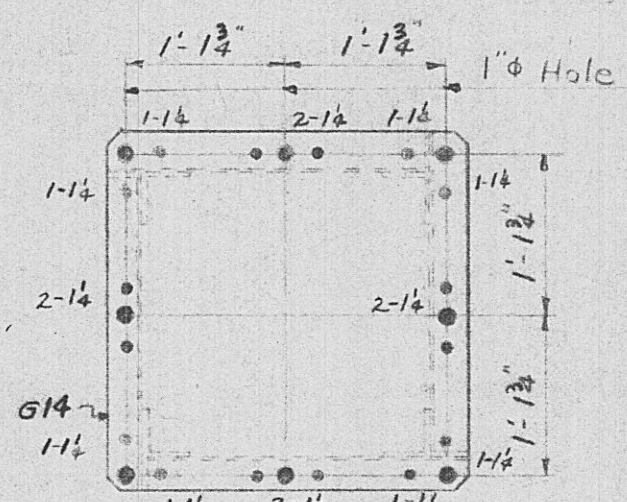
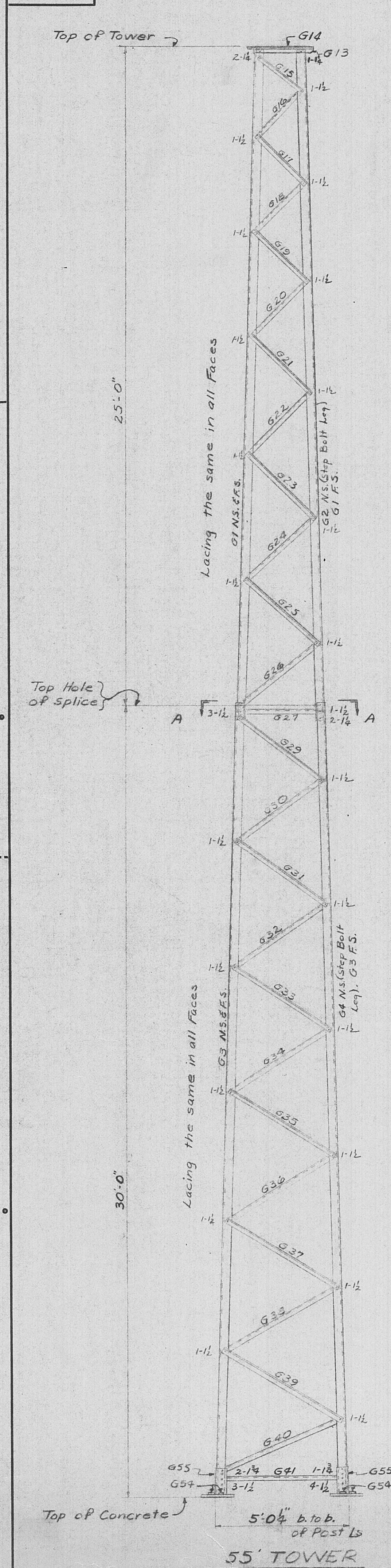
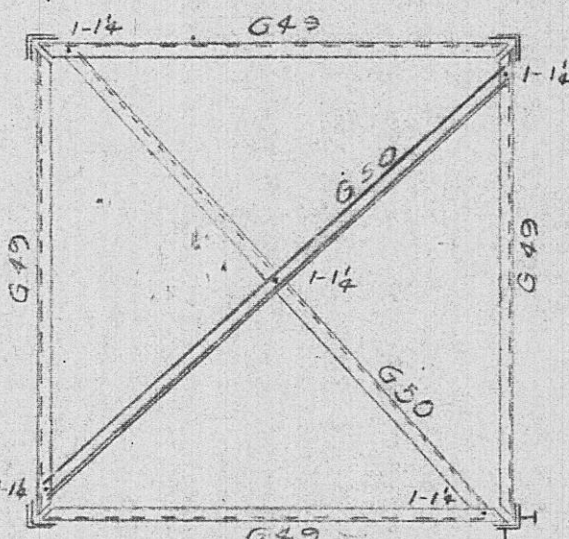
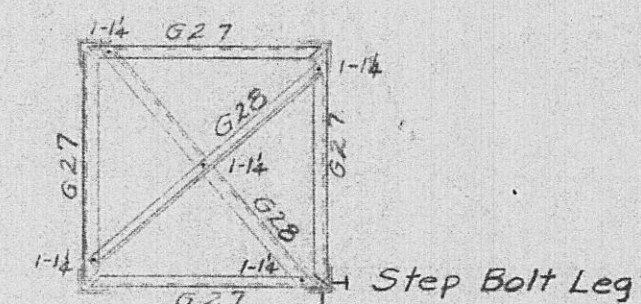




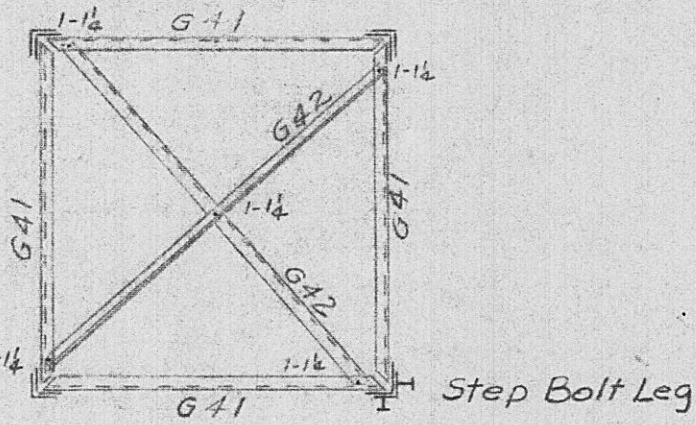
TOP PLAN



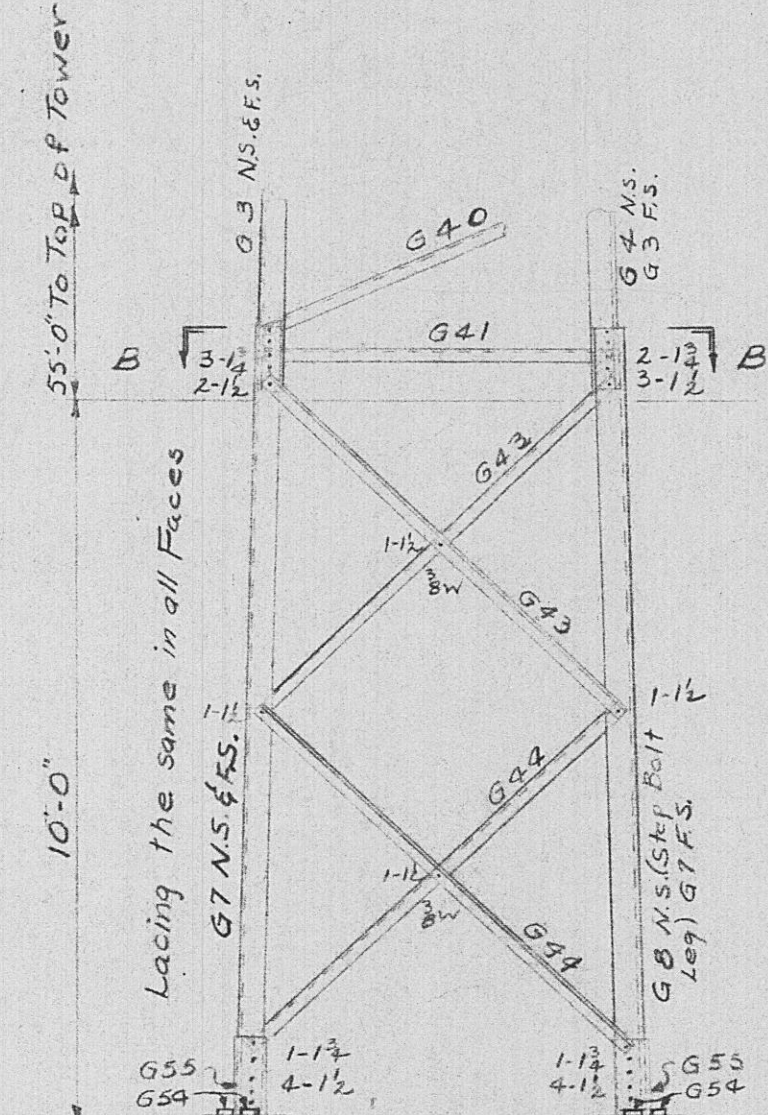
SECTION C-C



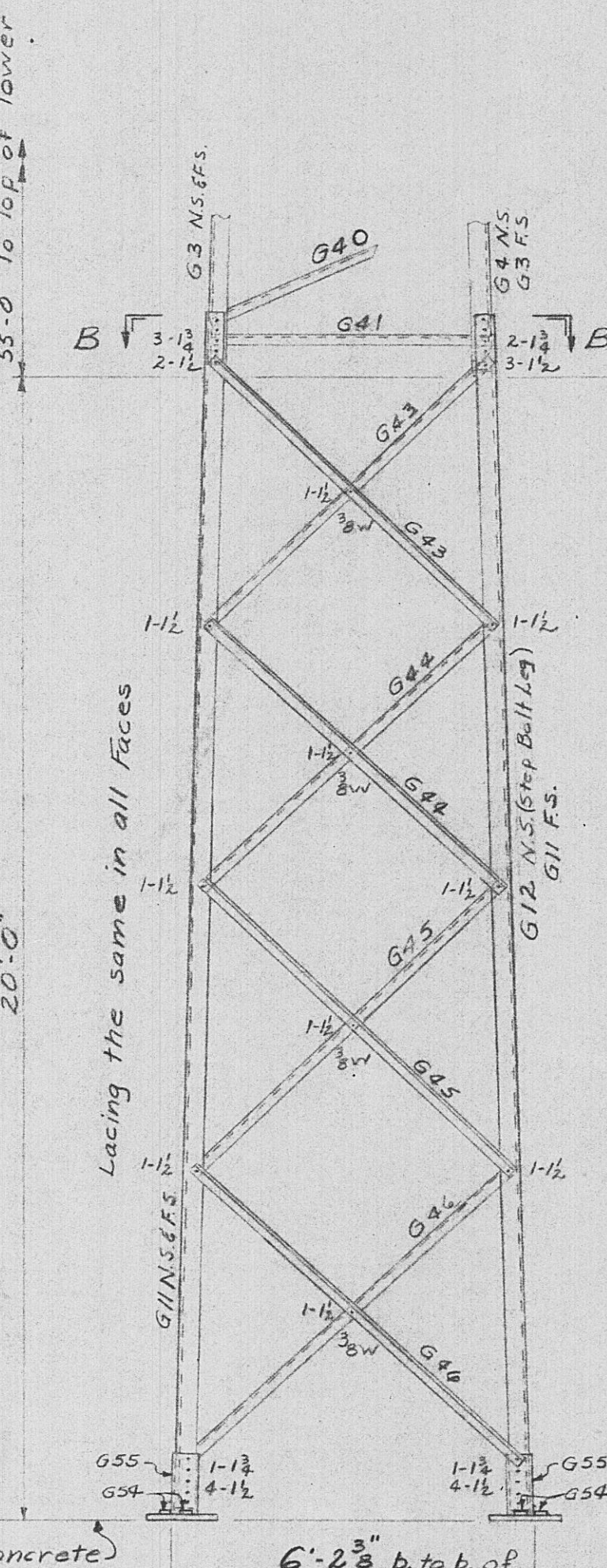
SECTION A-A



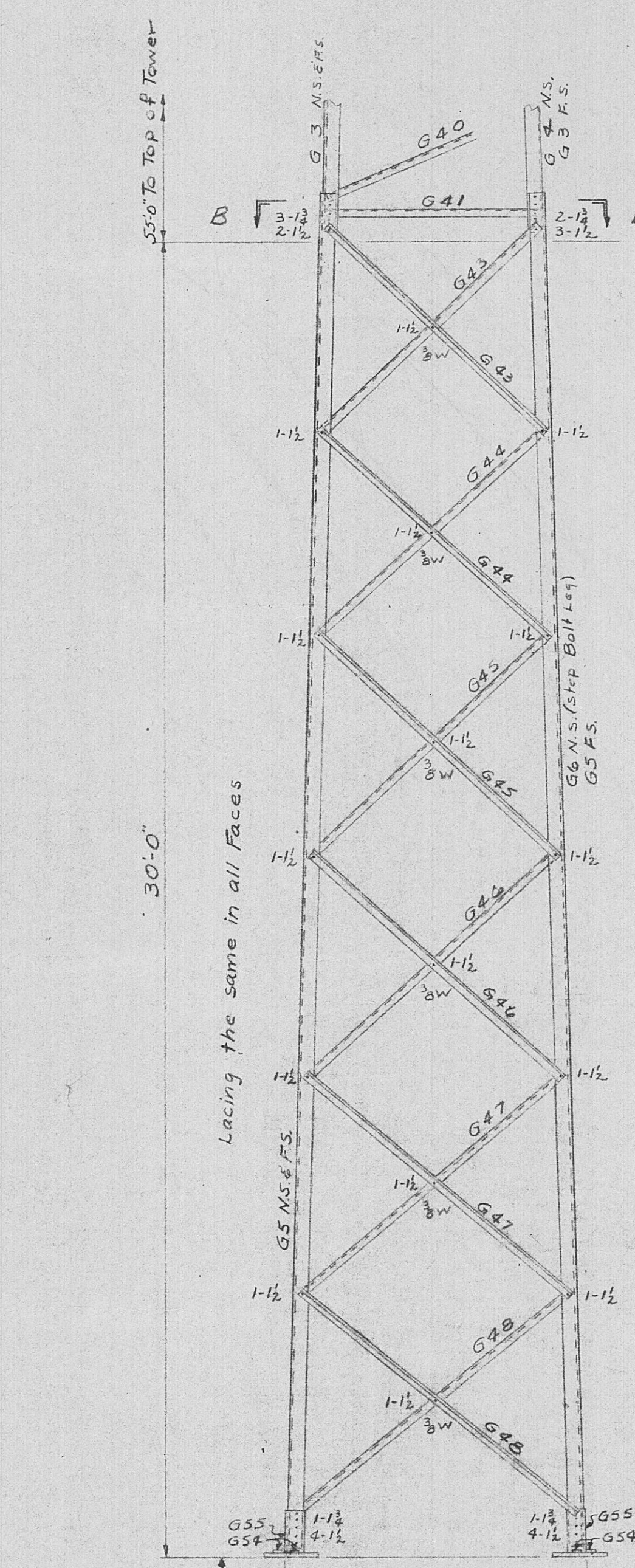
SECTION B-B



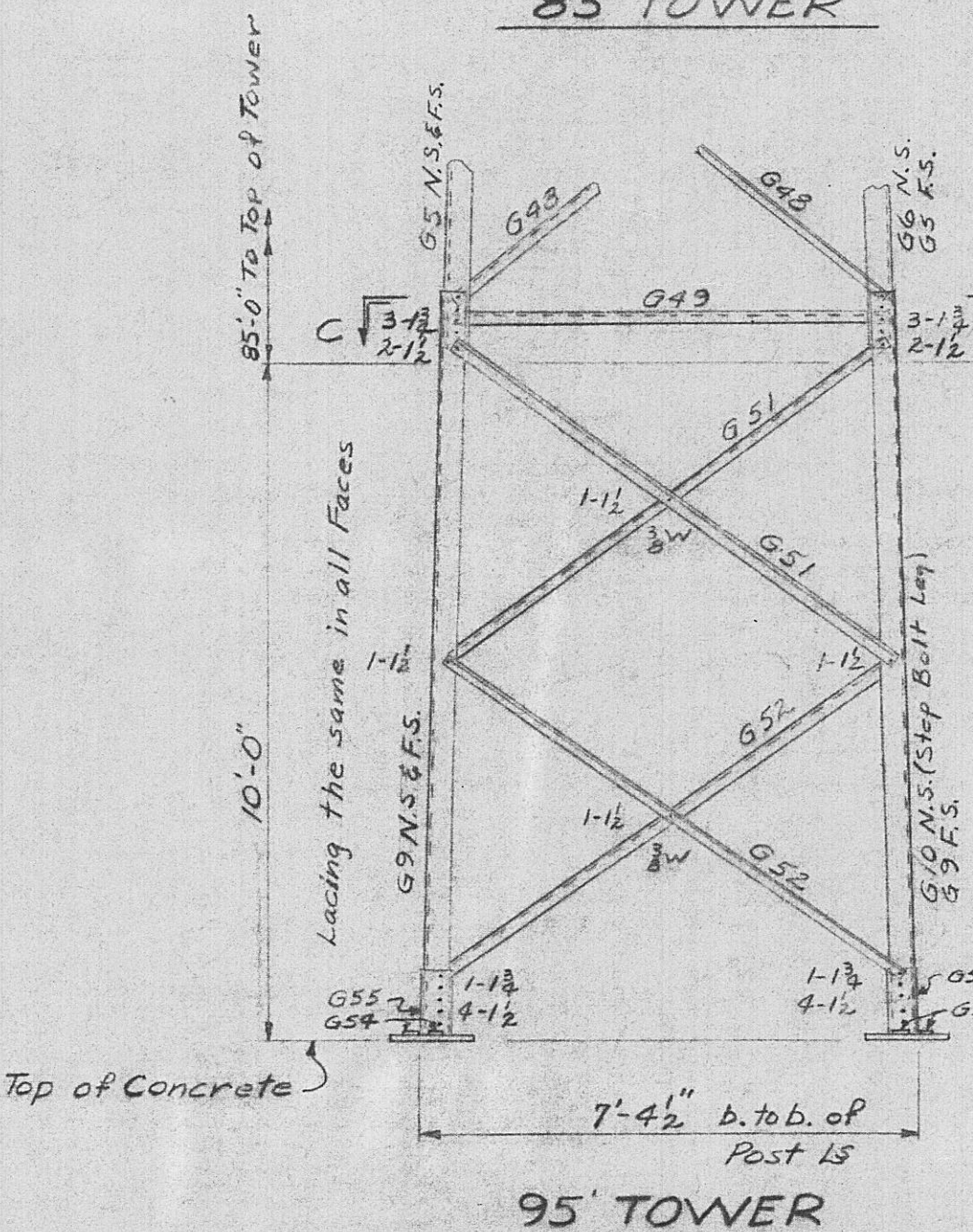
65' TOWER



75' TOWER



85' TOWER



95' TOWER

DESIGN CONDITIONS

Towers are designed for 5,000[#] pull plus 1.75 overload in any direction.

NOTES:
Holes $\frac{11}{16}$ " ϕ unless noted.
All material to be hot dip galvanized after fabrication.
Piece marks to be die stamped before galvanizing.

SPECIFICATIONS:

Material	A.S.T.M.-A36
Galvanizing	A.S.T.M.-A123
Bolts	A.S.T.M.-A394

REFERENCES:

Foundation Details { 55' Tower -- MC-4870
65' Tower -- MC-4870
75' Tower -- MC-4870
85' Tower -- MC-4870
95' Tower -- MC-4870

BILL OF MATERIAL									
NO. REQUIRED				MARK	DESCRIPTION	LENGTH		WT. EACH	
TOWER 55'	TOWER 65'	TOWER 75'	TOWER 85'			FT.	IN.		
3	3	3	3	G1	L 3 1/2 x 3 1/2 x 4	25	6 1/4	153	
1	1	1	1	G2	Do.	25	6 1/4	153	
3	3	3	3	G3	L 4 x 4 x 7/16	29	1 1/2	254	
1	1	1	1	G4	Do.	29	1 1/2	254	
			3	G5	L 4 x 4 x 3/8	30	10 1/4	313	
			1	G6	Do.	30	10 1/4	313	
	3			G7	Do.	10	10 1/2	110	
	1			G8	Do.	10	10 1/2	110	
			3	G9	Do.	10	10 1/2	110	
			1	G10	Do.	10	10 1/2	110	
		3		G11	Do.	20	10 1/2	211	
		1		G12	Do.	20	10 1/2	211	
4	4	4	4	G13	L 3 1/2 x 3 x 1/2	2	2	12	
1	1	1	1	G14	R 30" x 4"	2	6	66	
4	4	4	4	G15	L 1 3/4 x 1 1/4 x 7/16	2	2 1/2	4	
4	4	4	4	G16	Do.	2	7 1/2	5	
4	4	4	4	G17	Do.	2	8	5	
4	4	4	4	G18	Do.	2	9 3/8	5	
4	4	4	4	G19	Do.	2	10 1/8	5	
4	4	4	4	G20	Do.	3	1 3/8	6	
4	4	4	4	G21	Do.	3	2 1/8	6	
4	4	4	4	G22	Do.	3	4 1/4	7	
4	4	4	4	G23	Do.	3	7 1/8	7	
4	4	4	4	G24	Do.	3	8 1/2	7	
4	4	4	4	G25	Do.	3	9 1/2	7	
4	4	4	4	G26	Do.	3	10 3/8	7	
4	4	4	4	G27	L 2 x 2 x 7/16	3	2 1/4	8	
2	2	2	2	G28	L 1 3/4 x 1 1/4 x 7/16	4	2 1/8	8	
4	4	4	4	G29	L 1 1/2 x 1 1/2 x 7/16	4	0 3/8	9	
4	4	4	4	G30	Do.	4	2 1/8	9	
4	4	4	4	G31	Do.	4	3 1/8	9	
4	4	4	4	G32	Do.	4	4 3/8	10	
4	4	4	4	G33	Do.	4	5 1/8	10	
4	4	4	4	G34	Do.	4	7 1/4	10	
4	4	4	4	G35	Do.	4	8 3/8	10	
4	4	4	4	G36	Do.	4	10 3/8	11	
4	4	4	4	G37	Do.	5	0 4	11	
4	4	4	4	G38	Do.	5	1 3/8	11	
4	4	4	4	G39	Do.	5	3 1/8	12	
4	4	4	4	G40	Do.	5	1 1/8	11	
4	4	4	4	G41	Do.	4	9 3/8	12	
	2	2	2	G42	L 2 x 2 x 7/16	6	5 3/8	12	
	8	8	8	G43	L 1 3/4 x 1 3/4 x 7/16	6	10 1/8	15	
	8	8	8	G44	Do.	7	1	16	
		8	8	G45	Do.	7	6 3/8	16	
		8	8	G46	Do.	7	8 1/2	17	
			8	G47	Do.	7	11 1/8	17	
			8	G48	Do.	8	1 1/2	18	
				G49	L 2 x 2 x 7/16	6	6 3/8	17	
				G50	L 1 3/4 x 1 3/4 x 7/16	8	11	20	
				G51	Do.	8	2 1/2	18	
				G52	Do.	8	5 3/8	19	
8	8	8	8	G54	R Washer 3" x 4"	0	3	1	
4	4	4	4	G55	Welded Base	0	11	78	
					1-L 5 x 5 x 3/8	0	11		
					1-R 15" x 1"	1	3		
8	8	8	8	G56	Bent Anchor Bolt 1 1/2"	5	0	42	
					3-Heavy Hex. Nuts				
40	47	55	62	69	Step Bolt 3/4" Dia. x 2 1/2" Nut	0	7	1.0	
	9	18	27	35	Washer 1 1/2" x 2" - 11/16" Hole			0.1	
15	51	51	51	56	3/4" Bolt		1 1/2	0.	
14.6	189	216	242	277	Do.		1 1/2	0	
13	31	31	31	57	Do.		1 3/4	0	
Total Wt. 3,368 #	Total Wt. 4,109 #	Total Wt. 4,793 #	Total Wt. 5,497 #	Total Wt. 6,370 #					

