

TREATED MATERIAL						
Item	No.	Mark	Size	Length	DESCRIPTION	FBM
1	2	PIA	8"x8"	12'-0"	Top Posts	128
2	2	PIB	"	"	" "	128
3	2	P2A	"	14'-9"	Intermediate Posts	171
4	2	P2B	"	"	" "	171
5	2	P3A	"	"	" "	171
6	2	P3B	"	"	" "	171
7	2	P4A	"	19'-10"	Bottom Posts	213
8	2	P4B	8"x8"	"	" "	213
9	24	SP1	3"x8"	3'-0"	Splice Plates	144
10	4	H1	2"x6"	13'-5"	Horizontals	56
11	4	H1A	3"x10"	20'-0"	"	200
12	14	H2	3"x6"	13'-5"	"	294
13	2	H2A	"	14'-2"	"	48
14	8	H3	"	13'-5"	"	168
15	8	H4	"	13'-5"	"	168
16	4	D1 ^{1/2}	3"x6"	17'-9 ^{1/4} "	Diagonal	108
17	28	D2 ^{1/2}	2"x6"	17'-9 ^{1/4} "	"	504
18	16	D3 ^{1/2}	2"x6"	8'-8"	"	144
19	20	FB1	6"x8"	1'-0"	Fill Block	80
20	20	FB2	"	1'-0"	" "	80
21	4	FB3	6"x8"	2'-6"	" "	40
22	2	S1 ^{1/2}	3"x8"	16'-0"	Stair Stringer	64
23	2	S2 ^{1/2}	"	15'-3 ^{1/2} "	" "	64
24	4	S3 ^{1/2}	"	15'-5"	" "	128
25	3	LS1	"	13'-11"	Landing Stringer (Rgh.)	84
26	2	LS2	3"x8"	17'-0"	" (Rgh.)	72
27	6	N1	2"x10"	12'-0"	Cab Girders	120
28	9	N2	"	7'-8 ^{3/4} "	" "	120
29	6	N3	"	6'-0"	" "	60
30	2	N4	"	3'-2 ^{1/2} "	" "	12
31	4	N5	"	4'-0"	" "	27
32	2	N6	"	12'-0"	" "	40
33	2	N7	"	7'-8 ^{3/4} "	" "	27
34	2	N8	"	5'-8 ^{3/4} "	" "	20
35	3	N9	"	2'-8 ^{3/4} "	" "	15
36	2	N10	"	6'-0"	" "	20
37	2	N11	2"x10"	14'-0"	" "	47
38	48	ST1	2"x8"	1'-11 ^{1/2} "	Stair Treads	128
39	17	ST2	2"x8"	2'-5"	" "	57
40	10	PT	4"x8"	1'-0"	Platform Ties	27
41	6	FP1	2"x6"	3'-4 ^{1/2} "	Floor Plank	21
42	4	FP2	"	3'-4 ^{1/2} "	" "	14
43	4	FP3	"	2'-6"	" "	10
44	2	FP4	"	3'-1 ^{1/8} "	" "	7
45	9	FP5	"	3'-1 ^{1/8} "	" "	30
46	5	FP6	"	2'-3"	" "	12
47	3	FP7	"	2'-6"	" "	8
48	1	FP8	2"x6"	2'-3"	" "	3
49	3	FP9	2"x4"	2'-3 ^{1/4} "	" "	5
50	1	FP10	"	2'-8 ^{3/4} "	" "	2
51	10	RP1	3"x4"	3'-10"	Hand Rail Posts	40
52	4	RP2	"	4'-4"	" "	20
53	2	RP3	"	4'-4 ^{1/2} "	" "	10
54	2	RP4	3"x4"	4'-5 ^{1/8} "	" "	10
55	4	RP5	2"x4"	1'-10 ^{3/4} "	" "	5
56	2	RP6	"	7'-11"	" "	11
57	2	SB1	"	7'-3 ^{1/8} "	Stair Braces	11
58	6	SB2	2"x4"	6'-10 ^{1/4} "	" "	28
59	2	RP1A	2"x4"	3'-10"	Hand Rail Posts	5
60	8	RP7	2"x4"	1'-11 ^{3/8} "	" "	11
TOTAL FBM.						4795

UNTREATED MATERIAL						
Item	No.	Mark	Size	Length	DESCRIPTION	FBM
1	1		2"x4"	8'-0"	Hand Rails.	6
2	2		"	9'-0"	" "	12
3	4		"	11'-0"	" "	30
4	2		"	12'-0"	" "	16
5	1		"	14'-0"	" "	10
6	6		"	16'-0"	" "	64
Total F.B.M.						138

All material shall be furnished S4S with the exception of items 25 and 26 (LS1 and LS2) which shall be furnished Rough.

As required by specifications, material for Posts is listed 2'-0" greater than shop detail length to eliminate seasoning end checks.

Revised February 1941 by W.D.S.

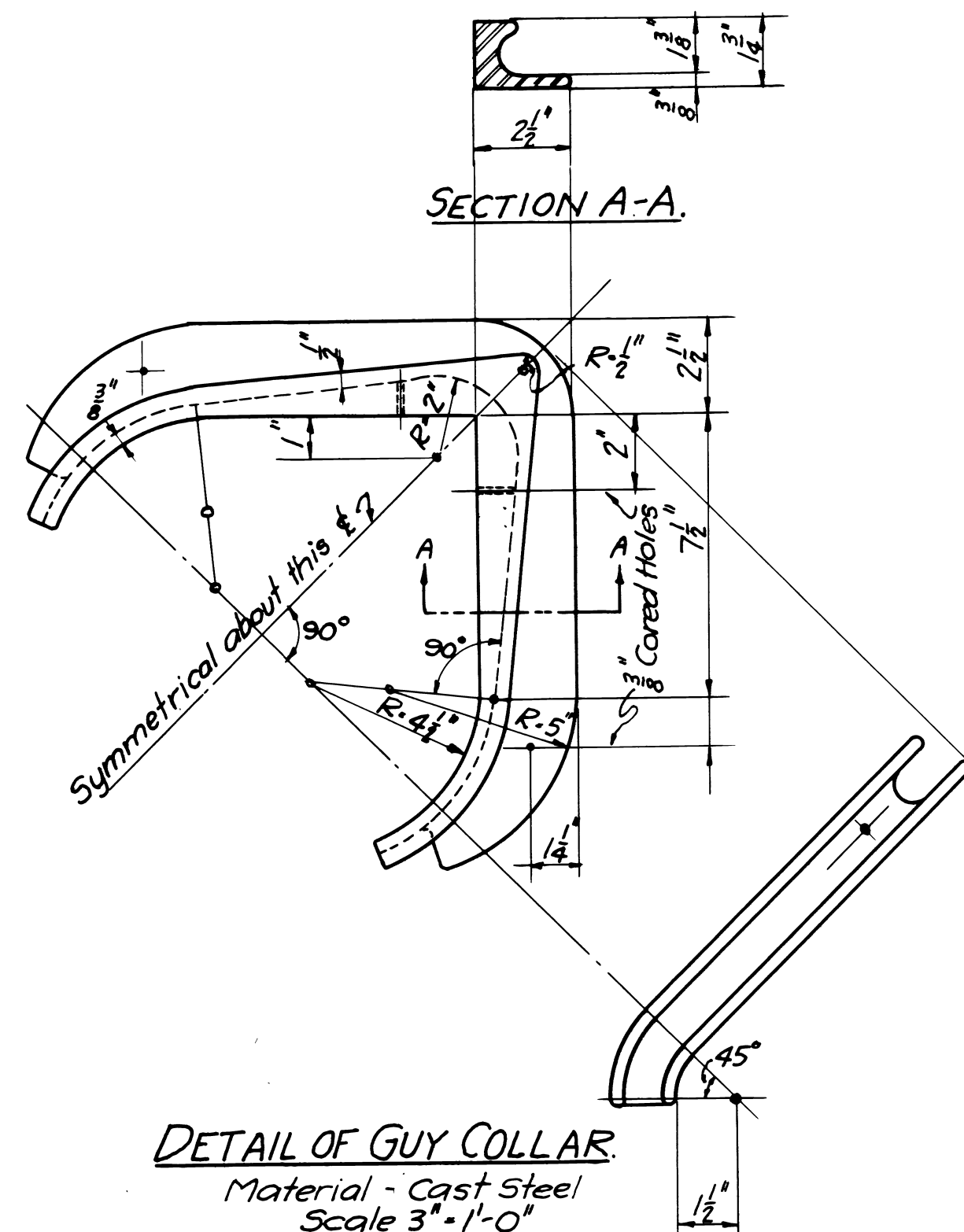
U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

REGION SIX JAMES FRANKLAND, REGIONAL ENGINEER

STANDARD LOOKOUT TOWER
53-FOOT TYPE CT-2
BILL OF LUMBER

DESIGNED B.C.O. DRAWN B.C.O. TRACED B.C.O.
SCALE _____ CHECKED _____
APPROVED _____ DATE APRIL 20 1938
ASSISTANT REGIONAL FORESTER

BILL OF IRON					
No.	SIZE	LENGTH	DESCRIPTION	LOCATION	WEIGHT
44	$\frac{3}{4}$ "	11"	Machine Bolts	Diagonal ends D2	78
53	"	11 $\frac{1}{2}$ "	" "	Post Splices	97
48	"	12 $\frac{1}{2}$ "	" "	Diagonals D2 & D3. H1	93
90	"	14 $\frac{1}{2}$ "	" "	D1; H-1A, 2, 2A, 3 & 4; N to P	197
458	$\frac{3}{4}$ "		Malleable C.I. Washers		151
211	2 $\frac{1}{2}$ "		"Teco" or similar Split Rings		58
132	4"		" " " " "		88
3	$\frac{1}{2}$ "	2'-4 $\frac{1}{2}$ "	Machine Bolts.	Stairs - bottom & interm. panels	5
6	"	2'-8"	" "	" " " "	11
1	"	2'-10"	" "	Stairs - top panel	2
1	"	3'-1 $\frac{1}{2}$ "	" "	" " "	2
150	$\frac{1}{2}$ "		Cut Washers.		6
	$\frac{3}{4}$ "	6x19	Plow Steel Wire Rope.	Length to suit topography	"
16	$\frac{3}{4}$ "		Standard Wire Rope Clips.		15
4	$\frac{3}{4}$ "		Bridge Bowls.		40
4			Cast Steel Guy Collars.	See detail.	80
	10 ^d		Common Nails		7
	20 ^d		" "		25
	40 ^d		" "		20
30	$\frac{1}{2}$ "	7"	Machine Bolts	Hand Rail to Stringers	15
26	"	8"	" "	" " " "	14
22	"	8 $\frac{1}{2}$ "	" "	Platform Stringer Ties	12
5	"	10	" "	Hand Rail Posts to Strgrs.	3
11	"	15"	" "	Platform Stringer Ties	10
33	$\frac{3}{8}$ "	5"	Carriage Bolts	Hand Rail	7
22	"	6"	" "	" "	5
6	"	8"	" "	" "	2
65	"		Cut Washers for $\frac{3}{8}$ " Bolts		1
					1044



NOTE
This list includes an approximate 10% overage of bolts, washers, split rings and nails.

U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE		
REGION SIX	JAMES FRANKLAND,	REGIONAL ENGINEER
STANDARD LOOKOUT TOWER 53-FOOT TYPE CT-2 BILL OF HARDWARE		
DESIGNED B.C.O.	DRAWN B.C.O.	TRACED B.C.O.
SCALE	CHECKED	DATE APRIL 25, 1938
APPROVED <i>[Signature]</i> ASSISTANT REGIONAL FORESTER		

Quantity of 14 $\frac{1}{2}$ " bolts
changed 12-6-39 by A.S.