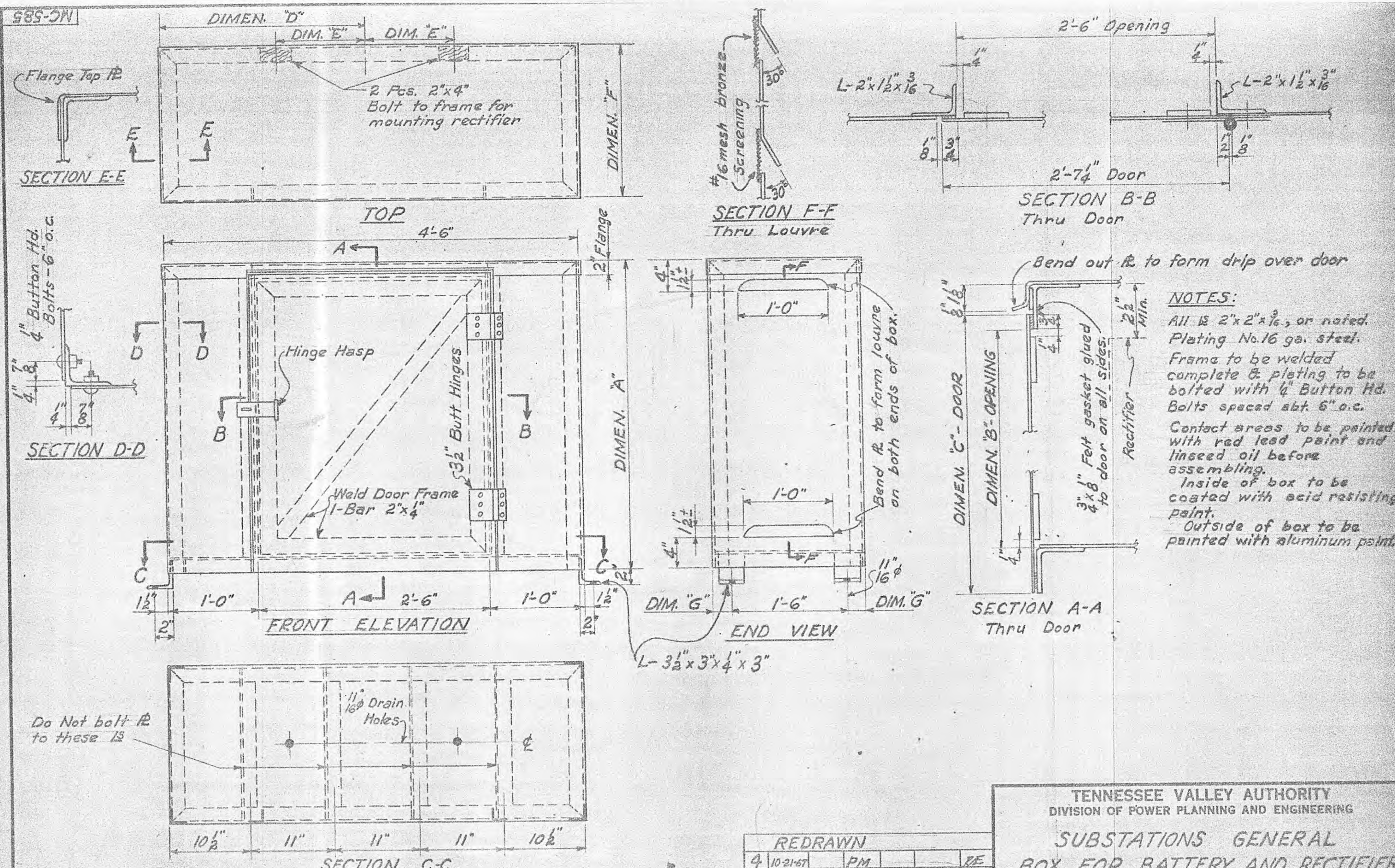


NOTES:

All Ls 2"x2"x3/16", or noted.
Plating No.16 ga. steel.
Frame to be welded complete & plating to be bolted with 1/4" Button Hd. Bolts spaced abt. 6" o.c.
Contact areas to be painted with red lead paint and linseed oil before assembling.
Inside of box to be coated with acid resisting paint.
Outside of box to be painted with aluminum paint.

FIG. NO.	A	B	C	D	E	F	G			
3	4' 4"	4'-0"	4'-2 3/4"	2'-3"	1'-2 1/4"	2'-3"	0'-4 1/2"			
2	4'-4"	4'-0"	4'-2 3/4"	2'-3"	1'2 1/4"	1'-11"	0'-2 1/2"			
1	3'-4"	3'-0"	3'-2 3/4"	1'-1"	0'-4	1'-11"	0'-2 1/2"			

REDRAWN

REV. NO.	DATE	DSGN.	DRWN.	CHKD.	SUPV.	APPD.
4	10-21-67		PM			RE

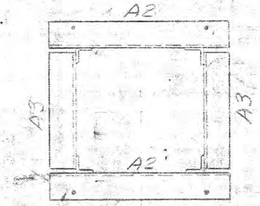
DSGN. ______ SUPV. ______
DRWN. JHS W.O. ______
CHKD. ______ PROJ. ENGR. ______

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING

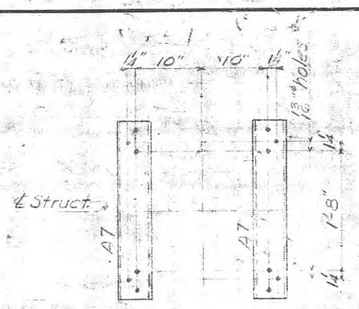
SUBSTATIONS GENERAL
BOX FOR BATTERY AND RECTIFIER

DATE 8-5-35 SUBMITTED [signature] APPROVED [signature]
SCALE NONE CLASS. CODE
SHEET OF SHEETS
MC-585

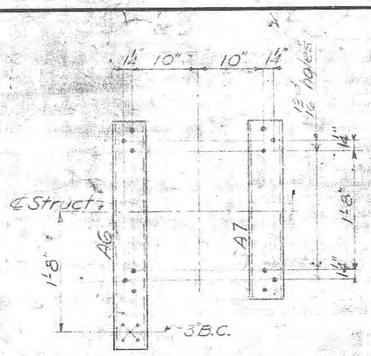
Copy 3 of 3
R4



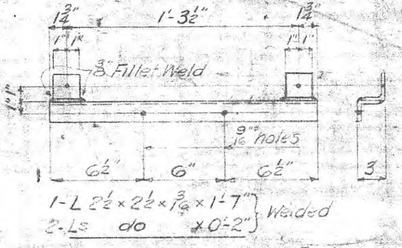
PLAN



PLAN-DETAIL-"A"



PLAN-DETAIL-"B"



A9

BILL OF MATERIAL FOR ONE STRUCT

MARK	NO. REQD.	DESCRIPTION	LENGTH FT.	LENGTH IN.	WT. EACH
A1	24	L 1 1/2 x 1 1/2 x 7/16	1	8 7/8	5
A2	2	L 4 x 4 x 1/4	2	3	15
A3	2	do	1	6	10
A4	4	L 3 x 3 x 3/8	1	6	11
A5	4	L 2 1/2 x 2 1/2 x 7/16	6	11	28
A8	4	3/4" Anchor bolts, 2 hex nuts	2	3	4
	49	5/8" bolts Sq hd. hex nut	0	1 3/4	.27
	14	do	0	1 1/2	.29

Weight = 287#

BILL OF MATERIALS FOR ONE DETAIL "A"

A7	2	5" [@ 6.7#	2	3	16
	5	5/8" bolts, Sq hd. hex nut	0	2 3/4	.39

Weight = 84#

BILL OF MATERIAL FOR ONE DETAIL "B"

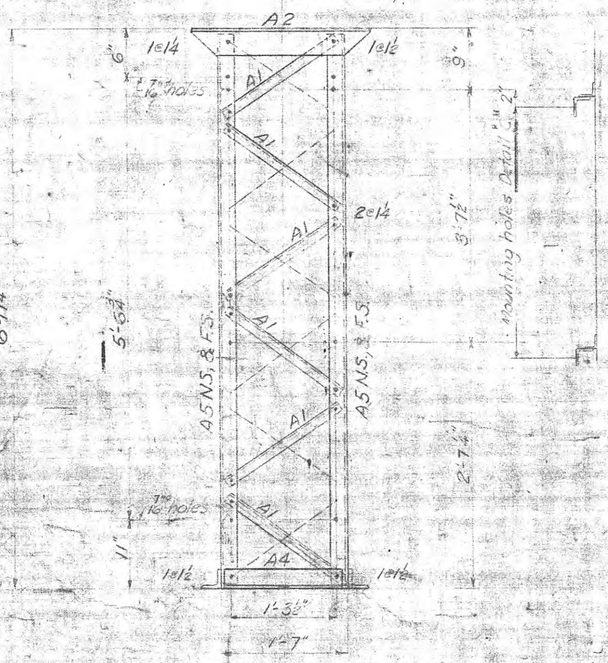
A6	1	5" [@ 6.7#	3	1 2	24
A9	1	do	2	3	16
	5	5/8" bolts, Sq hd. hex nut	0	2 3/4	.39

Weight = 40#

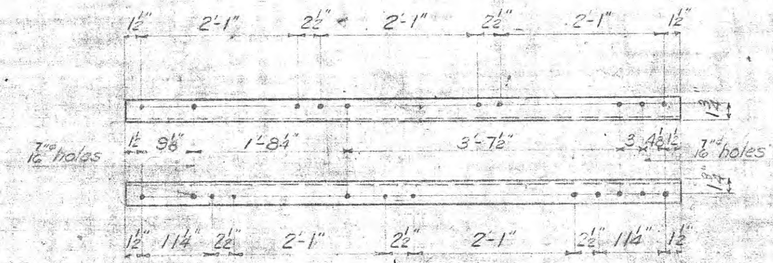
BILL OF MATERIAL FOR ONE DETAIL "C"

A9	2	1-L 2 1/2 x 2 1/2 x 7/16 x 1'-7"			
		2-Ls do	0	-	1
	5	5/8" bolts, Sq hd. hex nut	0	1 3/4	.39

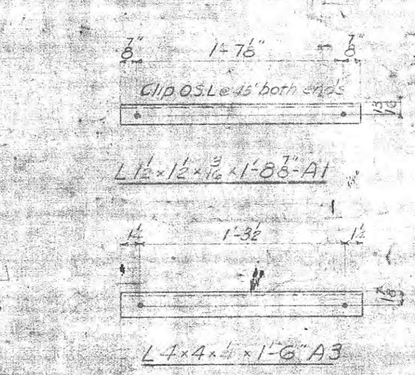
Weight = 16#

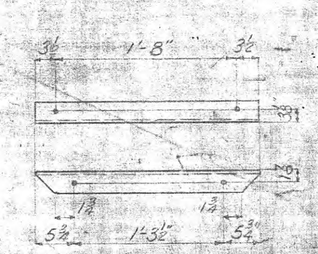


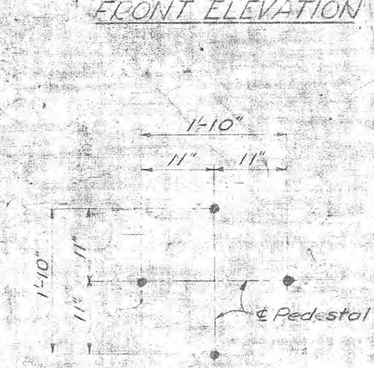
FRONT ELEVATION



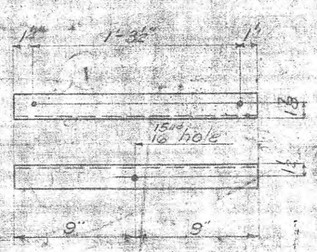
L 2 1/2 x 2 1/2 x 5/16 x 6'-11" A5

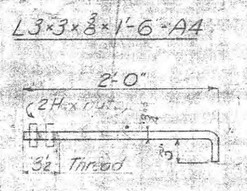


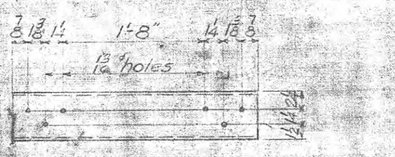


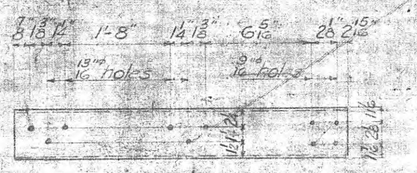


ANCHOR BOLT SETTING PLAN









NOTES:-

Material to be hot dip galvanized.
Piece marks to be die stamped.
11/16" holes unless otherwise noted.

REFERENCE:-

Foundation dwg. SC-7261

USED AT	DATE
Washington Terminal	

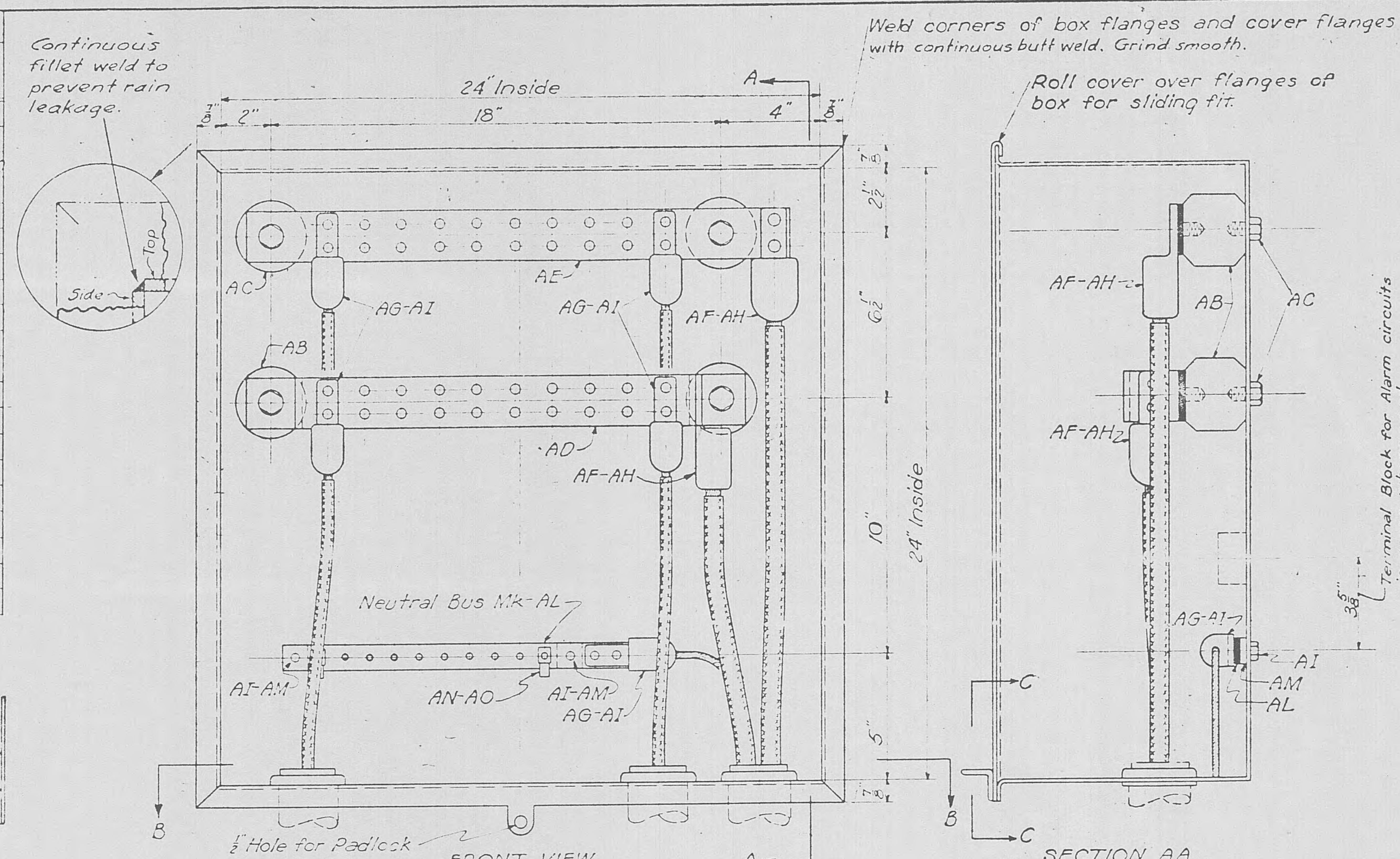
ISSUE	REVISION	DATE	SIG.

TENNESSEE VALLEY AUTHORITY
DEPARTMENT OF POWER ENGINEERING AND CONSTRUCTION

SUBSTATIONS GENERAL
CAPACITOR STRUCTURE & DETAILS A, B & C
ERECTION DIAGRAM & STRUCTURAL DETAILS

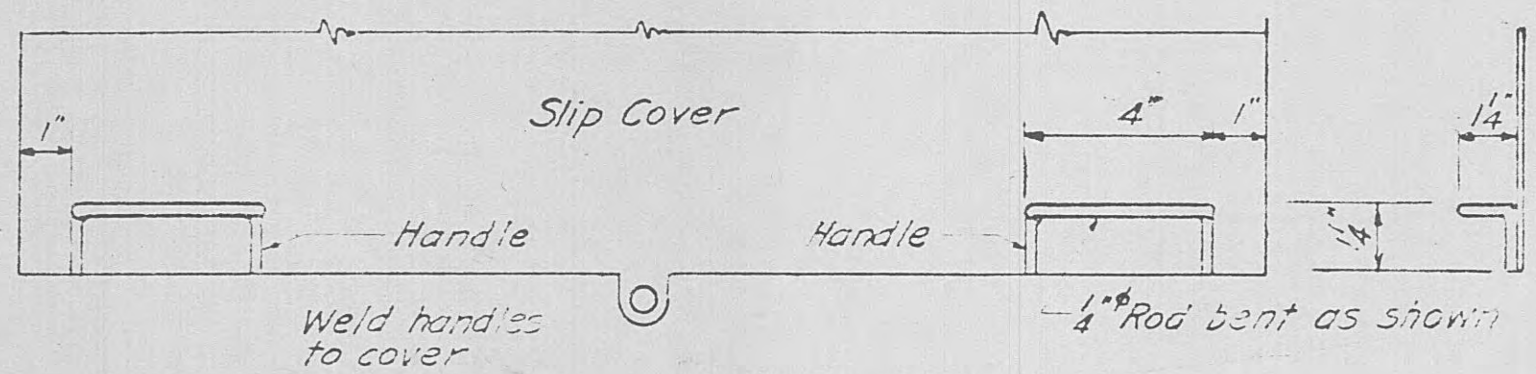
SCALE: 0	SUBMITTED	APPROVED	DATE 4-27-71
DRAWN:			SHEET 1 OF 1 SHEETS
TRACED:			
CHECKED:	5571		HC-1574.3
CORRECT:			

BILL OF MATERIAL				
M.K.	FIG. 2 REQ'D	FIG. 1 REQ'D	DESCRIPTION	CAT. OR DWG. NO.
AA	1	1	Box, No. 12 Gage Sheet Steel, 24"x24"x10" with slip cover - Galv. after fabrication	[illegible]
AB	4	4	Insulator, Indoor, Type "ZS", 1500 V	Delta Star 36000
AC	8	8	Capscrew, $\frac{1}{2}$"-13 thread $\frac{3}{4}$" long, Galv	
AD	1	1	Busbar, Copper, $\frac{1}{4}$"x2"x24$\frac{3}{4}$" long	
AE	1	1	Busbar, Copper, $\frac{1}{4}$"x2"x21$\frac{3}{4}$" long	
AF	2	2	Connector, Clamp, for conductor varying from No. 1/0 to 300MCM Str. Copper	Burndy VAA30
AG	21	20	Connector, Clamp, for conductor varying from No. 6 to 1/0 Stranded Copper	Burndy VAA25
AH	4	4	Bolt, Machine, $\frac{3}{8}$"x1" Everdur	Burndy
AI	44	40	Bolt, Machine, $\frac{5}{16}$"x1 Everdur	Burndy
AJ				
AK				
AL	1		Busbar, Copper, $\frac{1}{4}$"x1"x14" long	For Neutral
AM	2		Busbar, Copper, $\frac{1}{4}$"x1"x1"	For Spacer
AN	10		Connector, Clamp, for conductor varying from No. 8 to No. 4 Stranded copper	Burndy VAA4C
AO	10		Screw, Machine R.H. $\frac{1}{4}$"-20 thread x $\frac{3}{4}$" long, Everdur	Burndy

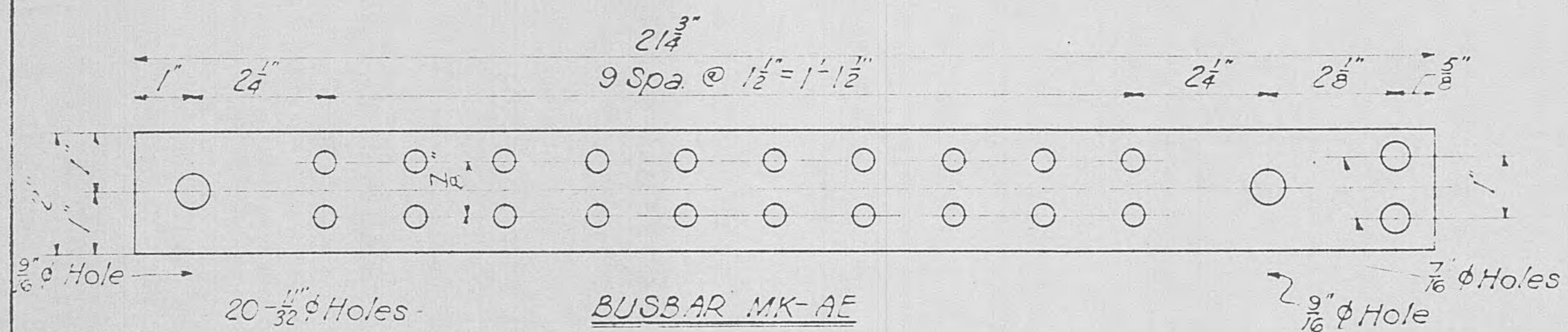


FRONT VIEW
Cover Removed

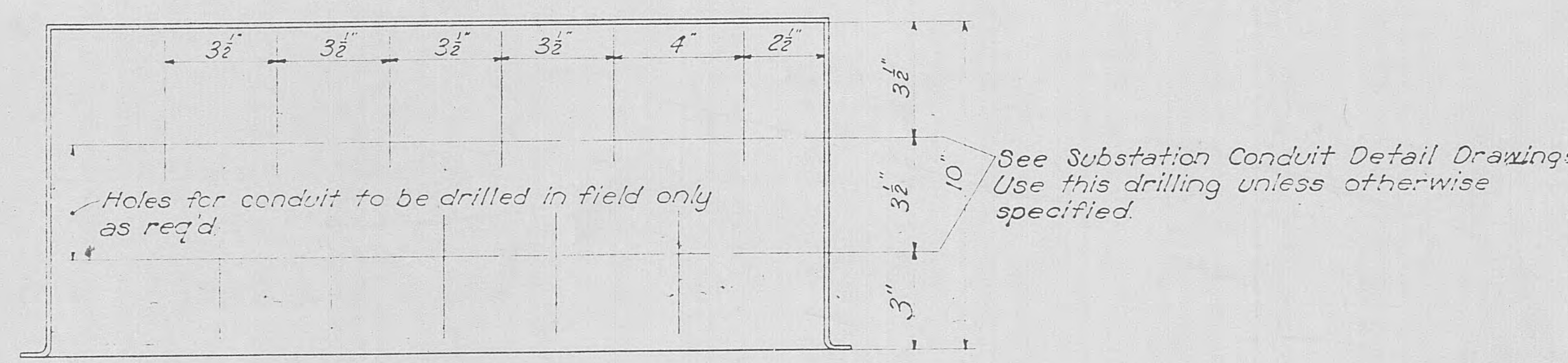
SECTION AA
Cover in Place



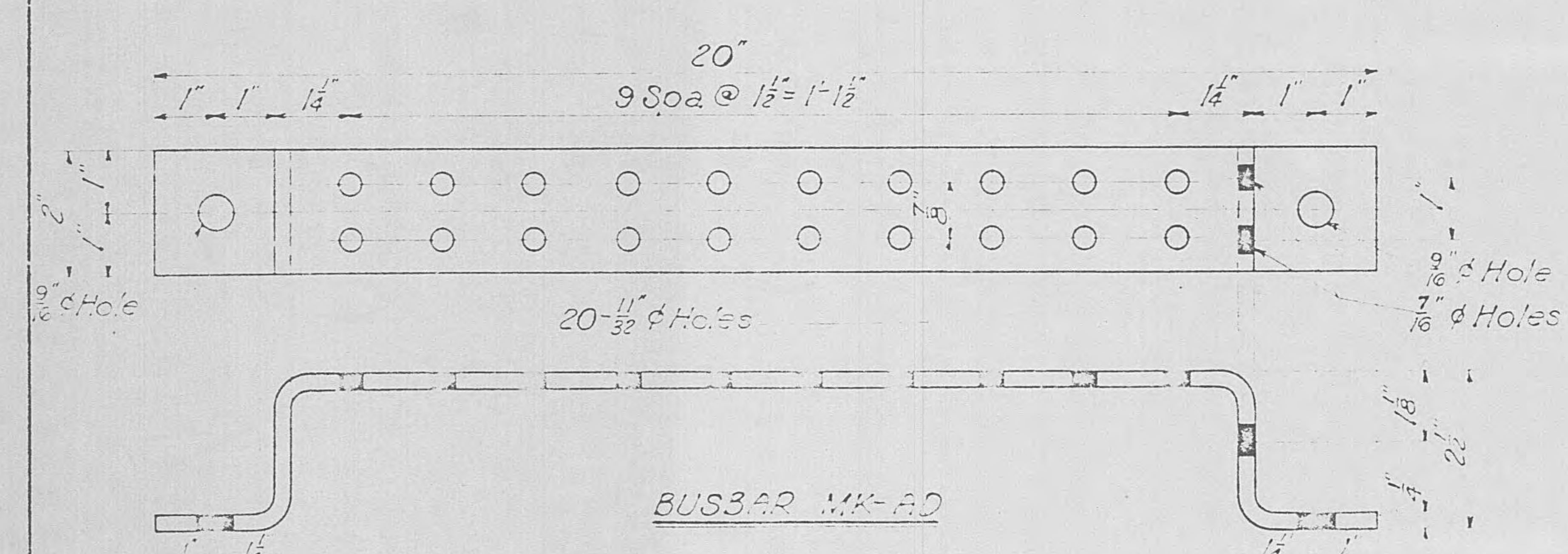
SECTION CC



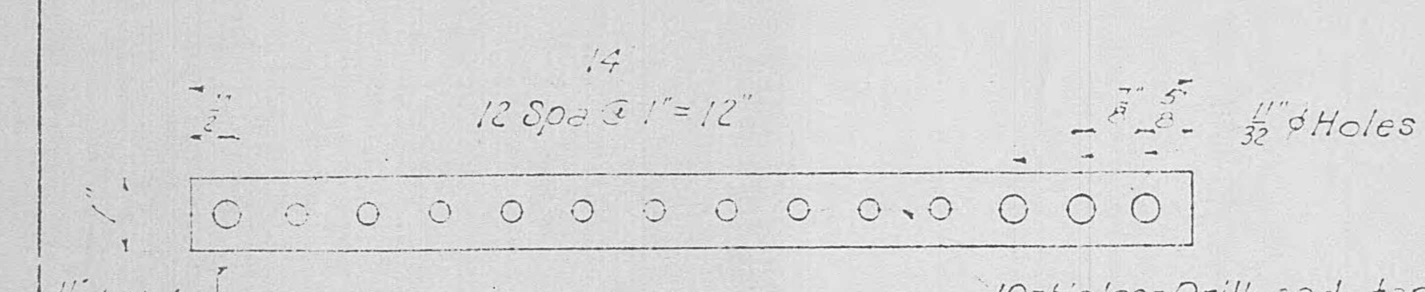
BUSBAR MK-AE



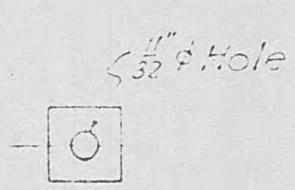
SECTION BB



BUSBAR MK-AD



BUSBAR MK-AL



BUSBAR MK-AM

NOTES:-
FIG. 1-Used For
Standard D.C. Dist. Box Assembly or
Blower Dist. Box Assembly. (230 Volt feed, for 230V. blowers)

FIG. 2-Used For
Blower Dist. Box Assembly. (115/230 V. feed for 115 V. blowers)

ISSUE	REVISION	DATE	SIG.
11	Added Ref. Dwg. for MK AA		
10	[illegible]	[illegible]	[illegible]
9	Added handles to cover	[illegible]	[illegible]
8	Changed Cat. No. of Lugs	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]
6	Redrawn improved location of busses, omitted Fig. 3	10-22-42	A.C.K.

TENNESSEE VALLEY AUTHORITY
DEPARTMENT OF POWER ENGINEERING AND CONSTRUCTION

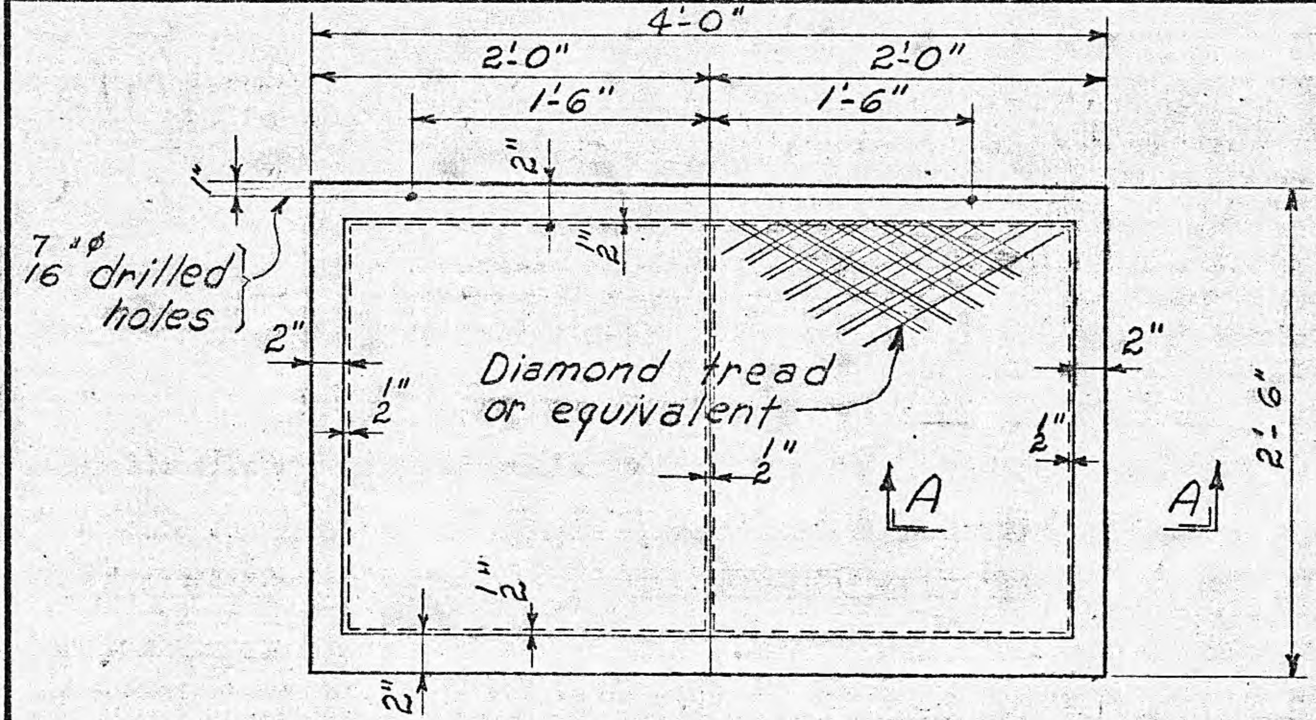
SUBSTATIONS GENERAL
D.C. OR A.C. DISTRIBUTION BOX ASSEMBLY

SCALE: $\frac{3}{4}$"=1" | DRAWN: E.M.S. | TRACED: H.A.I. | CHECKED: | CORRECT:
SUBMITTED: ENGINEER | ENGINEER OF DESIGN AND CONSTRUCTION
APPROVED: ASST. CHIEF ELECTRICAL ENGINEER | CHIEF ELECTRICAL ENGINEER

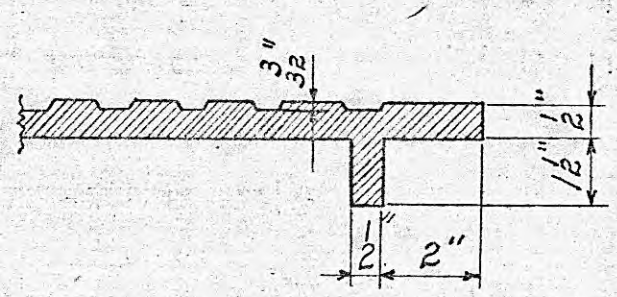
DATE 6-5-1936
SHEET 1 OF 1 SHEETS
HC-1353

C09R
R11

SC-3956



PLAN



SECTION A-A

NOTE:-

Plate shall be set on the graded ground.
Paint one shop coat of oil alkyd rust inhibitive primer.
Material shall be grey cast iron per ASTM A-48 class 30.

Approx. weight, 210#

Rev. No.						
9	Removed red lead and linseed oil.					
	9-16-81		WHF	WSC	WSC	HHH
8	TRACED					
	1-3-66		R.M.	RWR	RWR	WGT
Rev. No.	DATE	DSGN	DRWN	CHKD	SUPV	APPD

DSGN. D.F. SUPV.
DRWN. D.F. W. O.
CHKD. W.W.P. PROJ. ENGR.

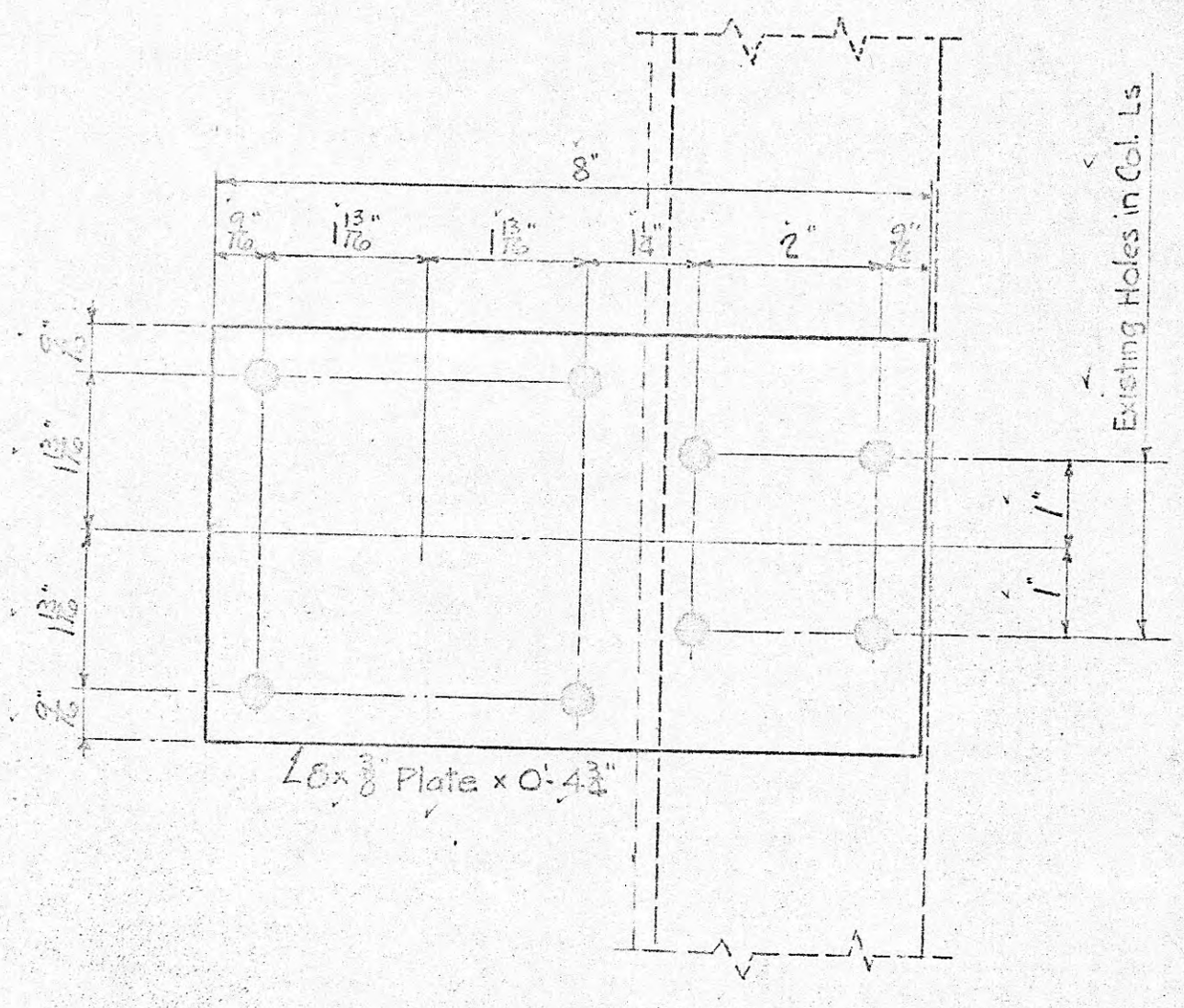
TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING

SUBSTATIONS GENERAL
GROUNDED PLATFORM PLATE
DETAIL FOR AIR BREAK SWITCH CONTROL

DATE 4-6-37 SUBMITTED 1-7-66 R.H. Connelly APPROVED A. J. Reeves SHEET 1 OF 1 SHEETS
SCALE 1"=3" CLASS. CODE S 90G

SC-3956

5 MICROFILMED 7 R9



NOTE :-

All holes 7/16" ϕ
Plate to be hot-dip galvanized after fabrication.
Approximate weight - 4 1/2 lbs

Note: This Plate for old Bracket 0871, having 3 5/8" between bolts.

TENNESSEE VALLEY AUTHORITY
DEPARTMENT OF OPERATIONS

SUBSTATIONS GENERAL
SPECIAL PLATE FOR MOUNTING
NEW TYPE HOLOPHANE LIGHT BRACKET

6-6-40

SC-8618

SC-16818

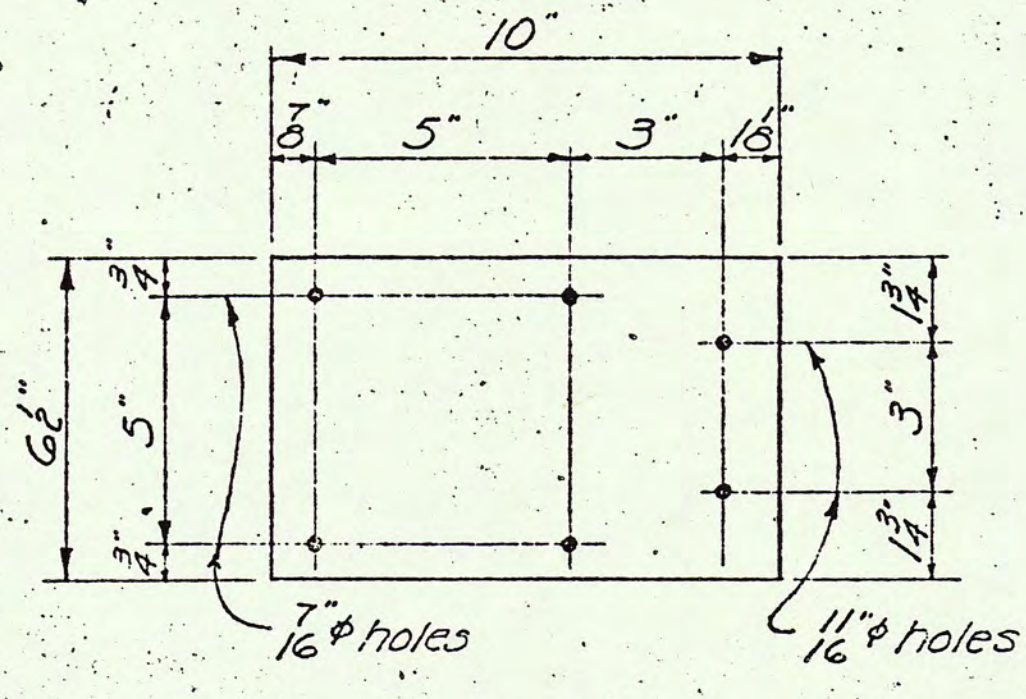


PLATE: $6\frac{1}{2}" \times 4' \times 0'\text{-}10" - P1$

Weight = 5#

NOTE:

Holes as noted.
Material to be hot dip galvanized.
Piece mark to be die stamped.

Note:

This plate used for latest type Holophane Bracket 0871 having 5" between mtg. holes.

COPY 5 OF 5

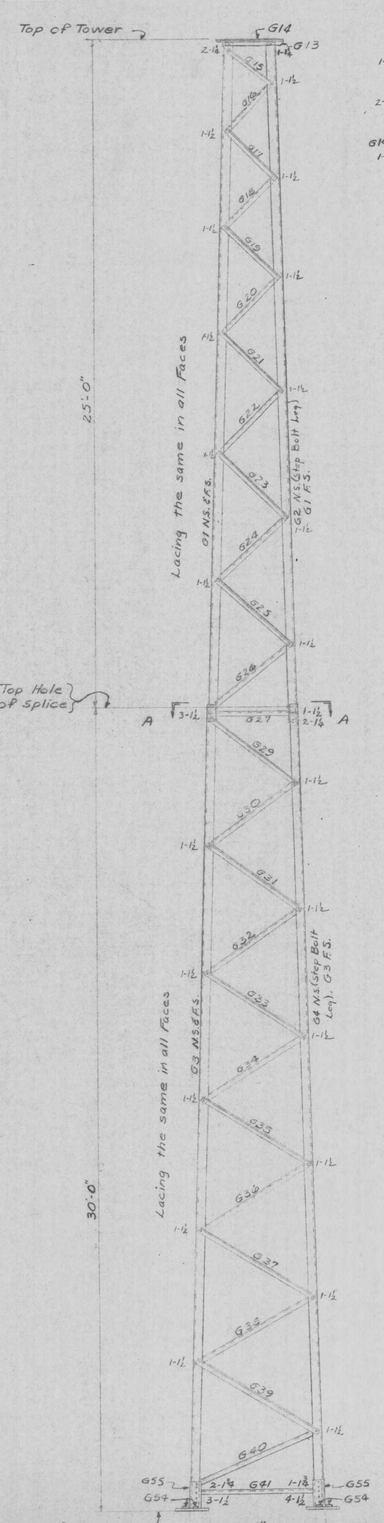
USED AT	DATE

TENNESSEE VALLEY AUTHORITY
DEPARTMENT OF POWER ENGINEERING AND CONSTRUCTION

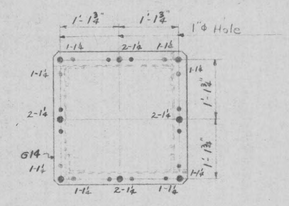
SUBSTATIONS GENERAL
STEEL PLATE FOR MOUNTING LIGHT BRACKET

SCALE	SUBMITTED	APPROVED	DATE
DRAWN			SHEET 1 OF 1 SHEETS
TRACED			SC-16818
CHECKED			

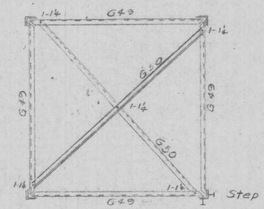
LC-48704



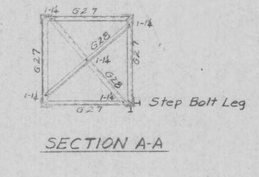
55' TOWER



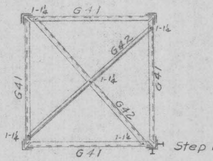
TOP PLAN



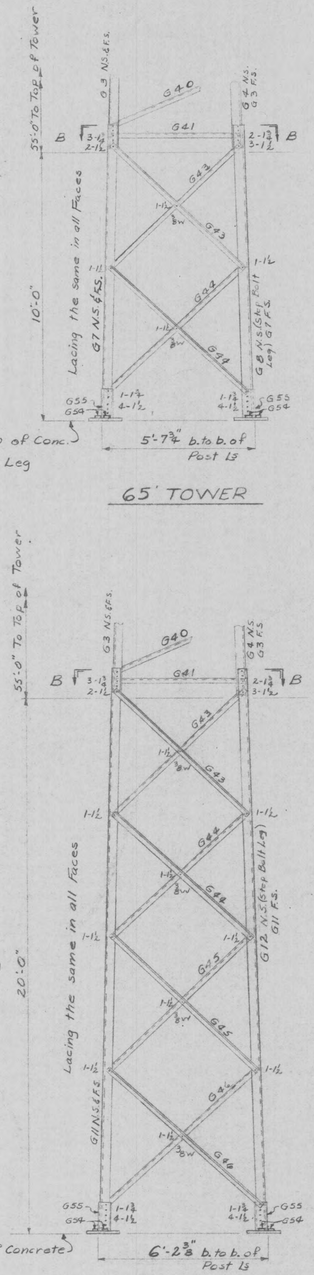
SECTION C-C



SECTION A-A

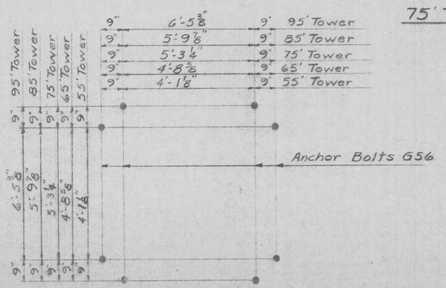


SECTION B-B

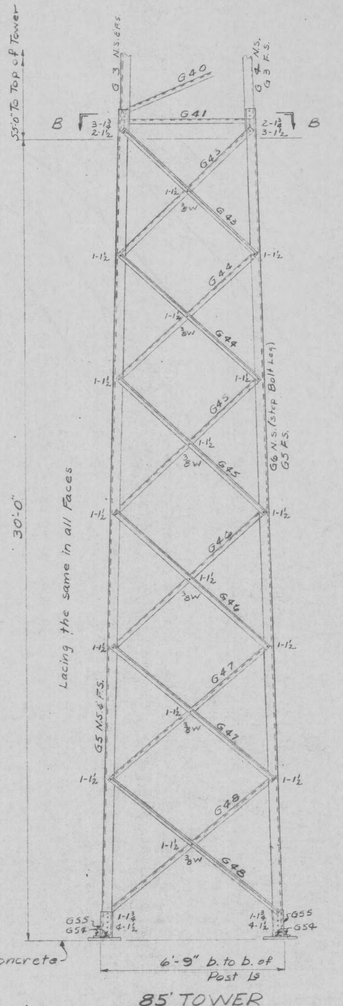


65' TOWER

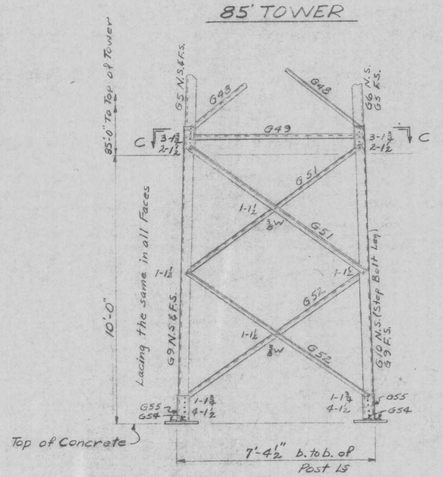
75' TOWER



ANCHOR BOLT PLAN



85' TOWER



95' TOWER

DESIGN CONDITIONS

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

NOTES:

Holes 11/16¢ 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-48705
- 65' Tower -- MC-48706
- 75' Tower -- MC-48707
- 85' Tower -- MC-48708
- 95' Tower -- MC-48709

BILL OF MATERIAL

NO. REQUIRED 55'	65'	75'	85'	95'	MARK	DESCRIPTION	LENGTH FT.	IN.	WT. EACH
3	3	3	3	3	G1	L 3½ x 3½ x ¼	25	6¼	133
1	1	1	1	1	G2	Do.	25	6¼	133
3	3	3	3	3	G3	L 4 x 4 x 5/16	29	11¼	254
1	1	1	1	1	G4	Do.	29	11¼	254
			3	3	G5	L 4 x 4 x ⅜	30	10¼	313
			1	1	G6	Do.	30	10¼	313
	3				G7	Do.	10	10½	110
	1				G8	Do.	10	10½	110
				3	G9	Do.	10	10½	110
				1	G10	Do.	10	10½	110
		3			G11	Do.	20	10¼	211
		1			G12	Do.	20	10¼	211
4	4	4	4	4	G13	L 3½ x 3 x ¼	2	2	12
1	1	1	1	1	G14	PL 30" x ¼	2	6	66
4	4	4	4	4	G15	L 1⅞ x 1¼ x 5/16	2	2½	4
4	4	4	4	4	G16	Do.	2	7¼	5
4	4	4	4	4	G17	Do.	2	8	5
4	4	4	4	4	G18	Do.	2	9⅞	5
4	4	4	4	4	G19	Do.	2	10 15/16	5
4	4	4	4	4	G20	Do.	3	1⅝	6
4	4	4	4	4	G21	Do.	3	2 15/16	6
4	4	4	4	4	G22	Do.	3	4¼	7
4	4	4	4	4	G23	Do.	3	7 5/16	7
4	4	4	4	4	G24	Do.	3	8½	7
4	4	4	4	4	G25	Do.	3	9¼	7
4	4	4	4	4	G26	Do.	3	10⅝	7
4	4	4	4	4	G27	L 2 x 2 x 3/16	3	2¼	8
2	2	2	2	2	G28	L 1⅞ x 1¼ x 5/16	4	2⅝	8
4	4	4	4	4	G29	L 1⅞ x 1¾ x 5/16	4	0⅜	9
4	4	4	4	4	G30	Do.	4	2¼	9
4	4	4	4	4	G31	Do.	4	3 5/16	9
4	4	4	4	4	G32	Do.	4	4⅝	10
4	4	4	4	4	G33	Do.	4	5 5/16	10
4	4	4	4	4	G34	Do.	4	7¼	10
4	4	4	4	4	G35	Do.	4	8⅝	10
4	4	4	4	4	G36	Do.	4	10⅜	11
4	4	4	4	4	G37	Do.	5	0¼	11
4	4	4	4	4	G38	Do.	5	1 5/16	11
4	4	4	4	4	G39	Do.	5	3 5/16	12
4	4	4	4	4	G40	Do.	5	11 5/16	11
4	4	4	4	4	G41	L 2 x 2 x 5/16	4	9⅝	12
	2	2	2	2	G42	L 1⅞ x 1¼ x 3/16	6	5¾	12
	8	8	8	8	G43	L 1⅞ x 1¾ x 3/16	6	10 5/16	15
	8	8	8	8	G44	Do.	7	1	16
		8	8	8	G45	Do.	7	6⅜	16
		8	8	8	G46	Do.	7	8½	17
			8	8	G47	Do.	7	11 5/16	17
			8	8	G48	Do.	8	1⅜	18
				4	G49	L 2 x 2 x 3/16	6	6⅜	17
				2	G50	L 1⅞ x 1¾ x 3/16	8	11	20
				8	G51	Do.	8	2½	18
				8	G52	Do.	8	5⅜	19
8	8	8	8	8	G54	PL Washer 3" x 4"	0	3	1
4	4	4	4	4	G55	Welded Base			
						1-L 5 x 5 x ⅜	0	11	18
						1-PL 15" x 1"	1	3	
8	8	8	8	8	G56	Bent Anchor Bolt 1⅜¢	5	0	42
						3-Heavy Hex. Nuts			
40	47	55	62	69		Step Bolt ⅝¢, 2 Hex. Nut	0	7	1.0
	9	18	27	35		Washer 1¼ x ⅝ - 11/16 Hole			0.1
45	51	51	51	56		⅝" ¢ Bolt		1½	0.
116	189	216	242	277		Do.		1½	0
13	31	31	31	57		Do.		1¾	0
Total Wt. 3368#	Total Wt. 4,108#	Total Wt. 4,793#	Total Wt. 5,497#	Total Wt. 6,370#					

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING

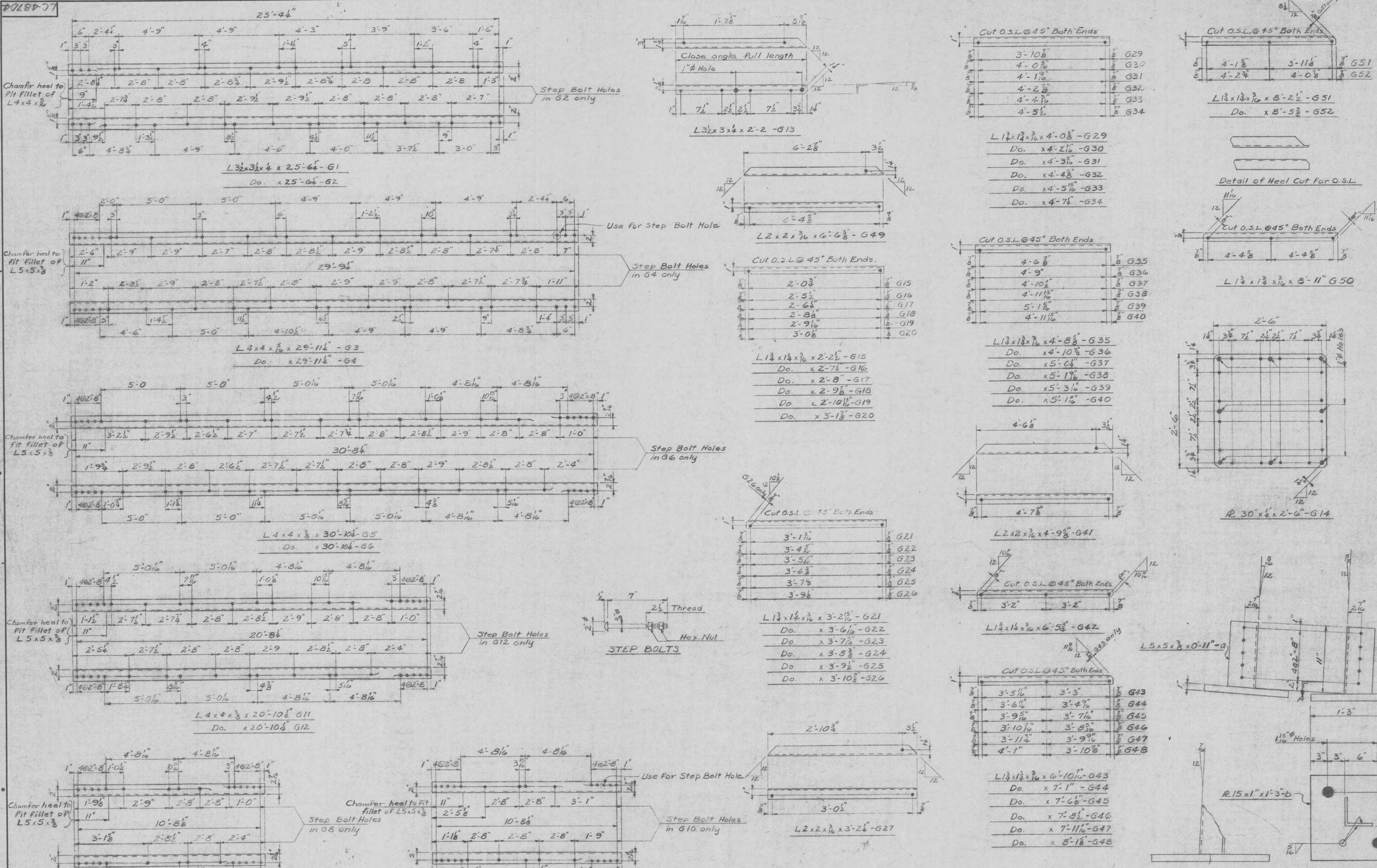
SUBSTATIONS GENERAL GROUND WIRE TOWERS ERECTION DIAGRAMS

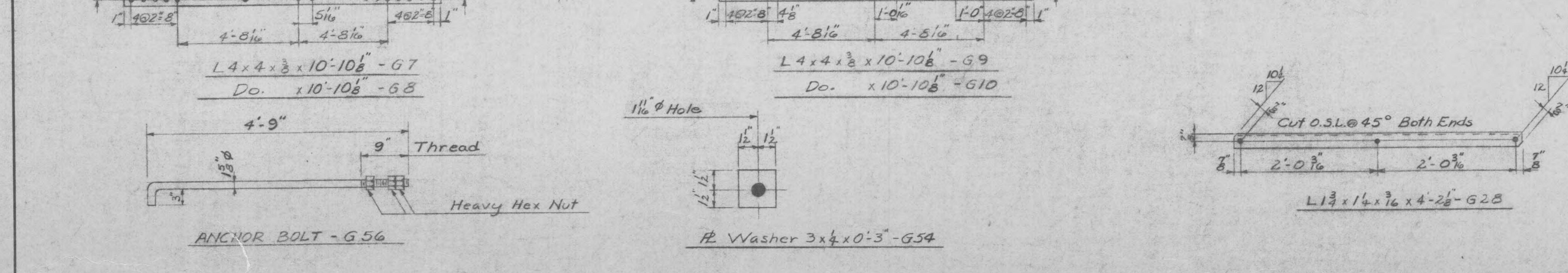
REV. NO.	DATE	WORK ORDER	DSGN.	DRWN.	CHK'D.	SUPV.	APP'D.

DSGN. H.H.H. SUPV. G.B.L. W.O.
DRWN. H.H.H. PROJ. ENGR. W.G.T.
CHK'D. R.J.H.

DATE 3-15-65 | SUBMITTED 3-19-65 | APPROVED
SCALE N.T.S. | CLASS. CODE 3316

SHEET 1 OF 2 SHEETS | LC-48704 | R-





1-L 5x5x⅜x0'-11" - a
1-PL 15x1x1'-3" - b
} WELDED BASE - G55

LIST OF PIECES					
NO. REQ'D.					MARK
TOWER 55'	TOWER 65'	TOWER 75'	TOWER 85'	TOWER 95'	
3	3	3	3	3	G1
1	1	1	1	1	G2
3	3	3	3	3	G3
1	1	1	1	1	G4
			3	3	G5
			1	1	G6
	3				G7
	1				G8
				3	G9
				1	G10
		3			G11
		1			G12
4	4	4	4	4	G13
1	1	1	1	1	G14
4	4	4	4	4	G15
4	4	4	4	4	G16
4	4	4	4	4	G17
4	4	4	4	4	G18
4	4	4	4	4	G19
4	4	4	4	4	G20
4	4	4	4	4	G21
4	4	4	4	4	G22
4	4	4	4	4	G23
4	4	4	4	4	G24
4	4	4	4	4	G25
4	4	4	4	4	G26
4	4	4	4	4	G27
2	2	2	2	2	G28
4	4	4	4	4	G29
4	4	4	4	4	G30
4	4	4	4	4	G31
4	4	4	4	4	G32
4	4	4	4	4	G33
4	4	4	4	4	G34
4	4	4	4	4	G35
4	4	4	4	4	G36
4	4	4	4	4	G37
4	4	4	4	4	G38
4	4	4	4	4	G39
4	4	4	4	4	G40
4	4	4	4	4	G41
	2	2	2	2	G42
	8	8	8	8	G43
	8	8	8	8	G44
		8	8	8	G45
		8	8	8	G46
			8	8	G47
			8	8	G48
				4	G49
				2	G50
				8	G51
				8	G52
8	8	8	8	8	G54
4	4	4	4	4	G55
8	8	8	8	8	G56

NOTES:

Holes 11/16" ⌀ unless noted.
All material to be hot dip galvanized after fabrication.
Piece marks to be die stamped before galvanizing.

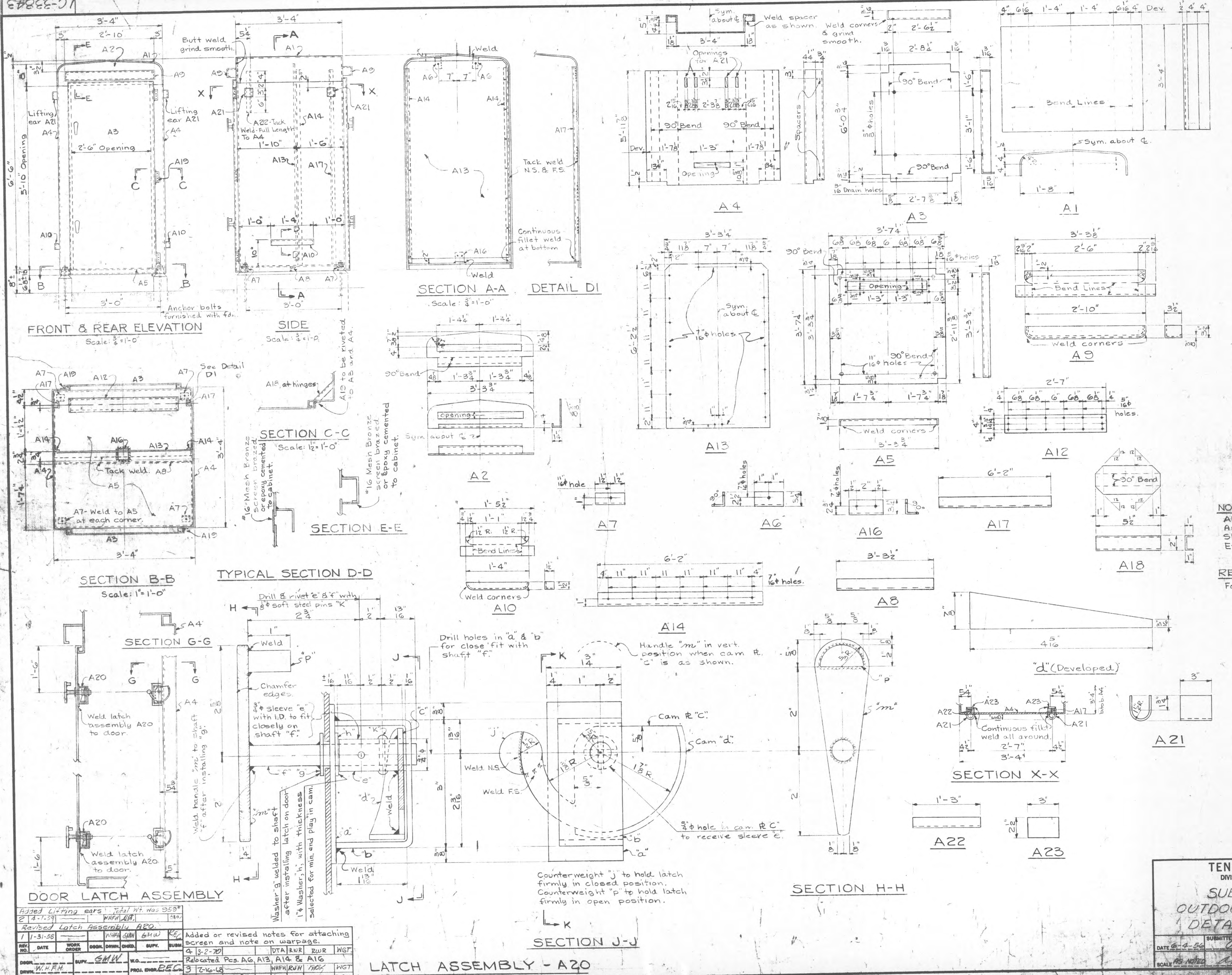
REV. NO.	DATE	WORK ORDER	DSGN.	DRWN.	CHKD.	SUPV.	APPD.

DSGN. HHH — SUPV. RBL — W.O.
DRWN. HHH — PROJ. ENGR. WGT
CHKD. RJH

TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER PLANNING AND ENGINEERING

SUBSTATIONS GENERAL GROUND WIRE TOWERS STRUCTURAL DETAILS

DATE	SUBMITTED 3-19-68	APPROVED	SHEET 2 O
3-18-68	R.P. Crannell	A. J. Reeves	LC-48
SCALE N.T.S.	CLASS. CODE 881G 8		



BILL OF MATERIAL

MARK	NO. REQD	DESCRIPTION	LENGTH FT.	LENGTH IN.	WT. EACH
A1	1	℞ - 40" x #10 ga.	4	4 1/8	22
A2	2	℞ - 10 1/8 x #10 ga.	3	3 3/4	16
A3	2	℞ 34 5/8 x #10 ga.	6	3 1/4	102
A4	2	℞ - 53 1/4 x #10 ga.	5	11 7/8	149
A5	1	℞ - 43 1/4 x #10 ga.	3	7 1/4	73
A6	2	Bent ℞ 2" x 3/16	0	4 1/2	1
A7	4	L - 1 3/4 x 1 3/4 x 3/16	0	3	1
A8	1	L - Do.	3	3 1/2	7
A9	2	℞ - 7 1/8 x #10 ga.	3	3 1/8	11
A10	2	℞ - 2 7/8 x #10 ga.	1	5 1/2	2
A21	4	Bent ℞ 3 x 1/4	0	8 1/4	2
A12	1	℞ - 4" x #10 ga.	2	7	5
A13	1	℞ - 39 1/4 x 3/16	6	2 1/2	156
A14	2	L - 1 3/4 x 1 3/4 x 3/16	6	2	13
A22	2	L - 1 1/2 x 1 1/2 x 3/16	1	3	2
A16	1	Bent ℞ - 6 x 3/16	0	3	1
A17	2	L - 1 1/2 x 1 1/2 x 3/16	6	7	11
A18	6	Bent ℞ 3 3/4 x #10 ga.	0	5 1/2	1
A19	6	4" Loose Brass Pin Type Steel Butt Hinge; 4 holes each leaf			1
	1	4" x 16 Mesh Bronze screen wire	6	0	1
A20	4	Latch Assembly Consisting of:			2
		1 - ℞ 1 3/4 x #10 ga. - (a) Welded	0	3 3/4	
		1 - ℞ 1 1/2" x #10 ga. (b)	0	6 3/4	
		1 - ℞ 2 1/2" x #10 ga. (c)	0	3 3/4	
		1 - ℞ 7/8 x #10 ga. (d) Welded	0	4 5/16	
		1 - Sleeve, 3/4" O.D. (e)	0	1 3/4	
		1 - Bar - 1/2" φ - (f)	0	4 1/16	
		1 - Wash. 1" O.D., 9/16 φ hole x 1/16 thk. (g) - See Note			
		1 - Wash. 1" O.D., 9/16" φ hole (h) - See Note			
		1 - Bar - 1" φ - (j)	0	1	
		2 - 1/8" φ soft steel pins (K)			
		1 - Bar 1" - half round (p)	0	1	
		1 - ℞ 1 1/4 x 1/4 (m)	0	4 5/8	
A23	4	℞ - 2 1/2 x 1/4	0	3	1
	14	1/4" φ Bolts, sq. hd., hex. nut	0	1	.027
	18	3/8" φ Bolts, sq. hd., hex. nut	0	1	.072

APPROXIMATE WEIGHT: ~ 975#

NOTES:~
All joints to be welded.
Anchor bolts supplied with foundation.
Shop paint one coat of red lead.
Exercise care in assembling box to prevent excessive warpage.

REFERENCE:~
Foundation Drawing - - - - - SC-23266

REV. NO.	DATE	WORK ORDER	DSGN.	DRWN.	CHKD.	SUPV.	SUBM.
2	4-1-59	—		WHFH	[illegible]		[illegible]
	Added Lifting ears Total Wt. was 959#						
1	1-31-58	—		WHFH	GMW	GMW	R.E.C.
	Revised Latch Assembly A20.						

REV. NO.	DATE	WORK ORDER	DSGN	DRWN	CHKD	SUPV.	SUBM.
4	3-2-70			DTA	RWR	RWR	WGT
	Added or revised notes for attaching screen and note on warpage.						
3	2-16-68	—		WHFH	RJH	[illegible]	WGT
	Relocated Pcs. A6, A13, A14 & A16						

DSGN. ——
DRWN. W.H.F.H.
CHKD. GMW
SUPV. GMW
W.O. ——
PROJ. ENGR. R.E.C.

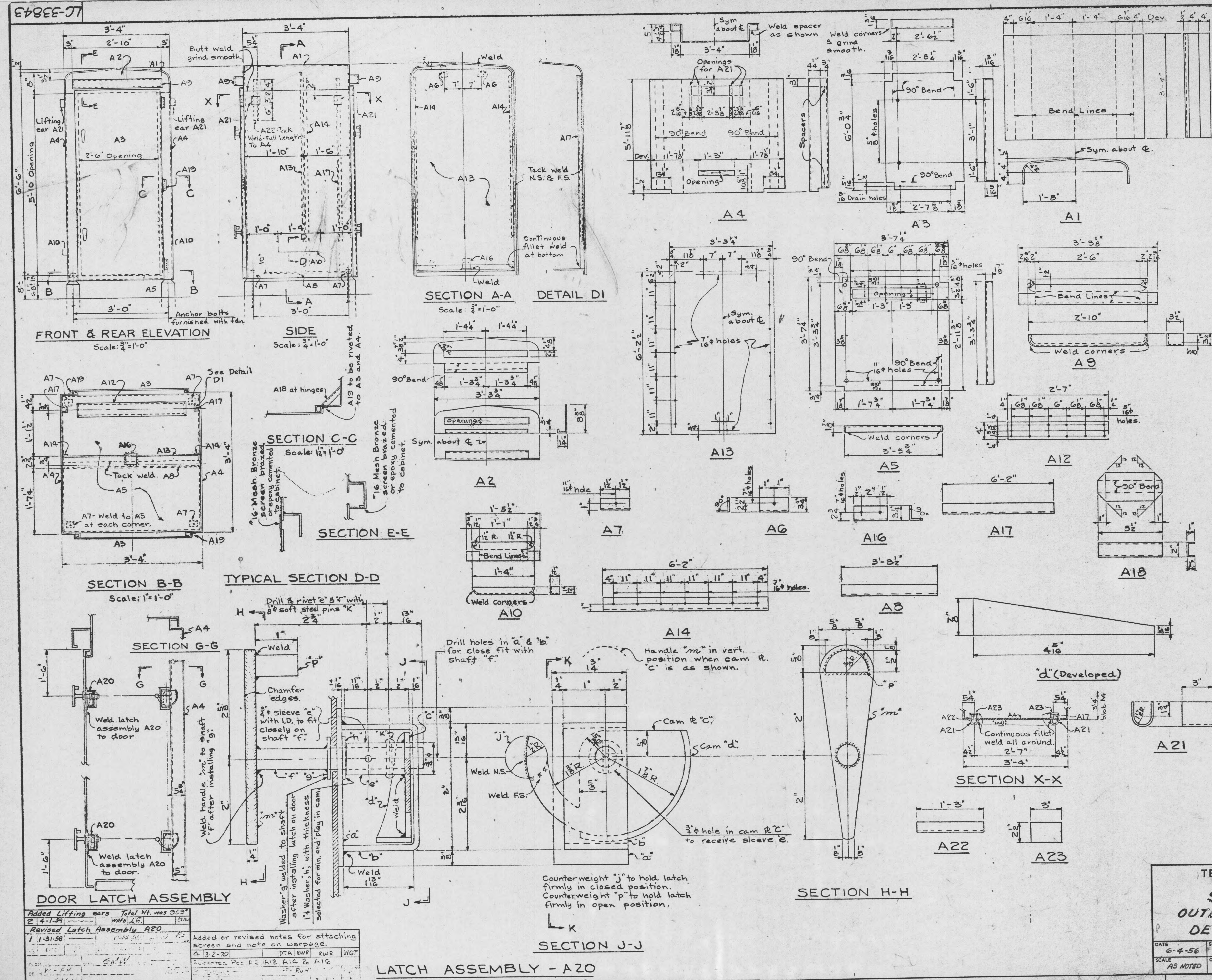
TENNESSEE VALLEY AUTHORITY
DIVISION OF POWER ENGINEERING AND CONSTRUCTION
SUBSTATIONS GENERAL
OUTDOOR METER CABINET "A"
DETAILS AND ASSEMBLY

DATE 6-4-56
SCALE AS NOTED
SUBMITTED [illegible]
APPROVED [illegible]
SHEET 1 OF 1 SHEETS
LC-33843

S 85A 2 of 2 R4

MICROFILMED

LC-33843



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A5	1	R- 43 1/4 x #10 ga	3	7 1/4	73
A6	2	Bent R 2" x 3/16	0	4 1/2	1
A7	4	L- 1 3/4 x 1 3/4 x 3/16	0	3	1
A8	1	L- Do.	3	3 1/2	7
A9	2	R- 7 1/8 x #10 ga.	3	3 1/8	11
A10	2	R- 2 7/8 x #10 ga.	1	5 1/2	2
A21	4	Bent R 3 x 1/4	0	8 1/4	2
A12	1	R - 4" x #10 ga.	2	7	5
A13	1	R - 39 1/4 x 3/16	6	2 1/2	156
A14	2	L- 1 3/4 x 1 3/4 x 3/16	6	2	13
A22	2	L- 1 1/2 x 1 1/2 x 3/16	1	3	2
A16	1	Bent R- 6 x 3/16	0	3	1
A17	2	L- 1 1/2 x 1 1/2 x 3/16	6	2	11
A18	6	Bent R 3 3/4 x #10 ga.	0	5 1/2	1
A19	6	4" Loose Brass Pin Type Steel Butt Hinge 4 holes each leaf			1
	1	4" x 16 Mesh Bronze Screen Wire	6	0	1
A20	4	Latch Assembly Consisting of:			2
		1-R 1 3/4 x #10 ga. (a) Welded	0	3 3/4	
		1-R 1 1/2" x #10 ga (b)	0	6 3/4	
		1-R 2 1/2" x #10 ga. (c)	0	3 3/4	
		1-R 7/8" x #10 ga. (d) Welded	0	4 5/16	
		1-Sleeve, 3/4" O.D. (e)	0	1 3/4	
		1-Bar- 1/2" ϕ - (f)	0	4 1/16	
		1-Wash. 1" O.D., 9/16" ϕ hole x 1/16 thk (g) - See Note			
		1-Wash. 1" O.D., 9/16" ϕ hole (h) - See Note			
		1- Bar - 1" ϕ - (j)	0	1	
		2- 1/8" ϕ soft steel pins (K)			
		1-Bar 1"-half round (p)	0	1	
		1-R 1 1/4 x 1/4 (m)	0	4 5/8	
A23	4	R- 2 1/2 x 1/4	0	3	1
	14	1/4" ϕ Bolts, sq. hd., hex. nut	0	1	.027
	18	3/8" ϕ Bolts, sq. hd., hex. nut	0	1	.072

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REFERENCE:~
Foundation Drawing - - - - - - SC-23266

Added Lifting ears - Total Wt. was 959#
2 4-1-59
Revised Latch Assembly A20
1 1-31-58
Added or revised notes for attaching screen and note on warpage.
G 3-2-70

TENNESSEE VALLEY AUTHORITY
DIVISION OF TRANSMISSION PLANNING AND ENGINEERING

SUBSTATIONS GENERAL
OUTDOOR METER CABINET "A"
DETAILS AND ASSEMBLY

DATE	SUBMITTED	APPROVED	SHEET 1 OF 1 SHEETS
6-4-56	O.T. Allen	Howeler	
SCALE: AS NOTED	CLASS CODE: S85A		LC-33843 R-4