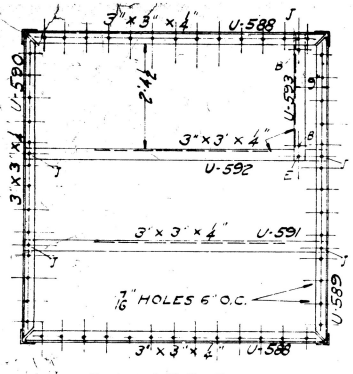
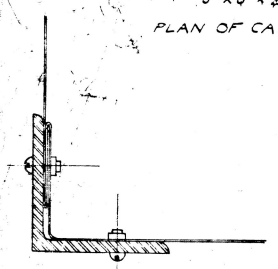
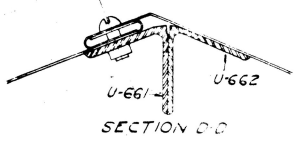


PLAN OF CAB



SECTION C-C



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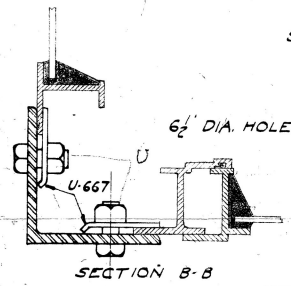

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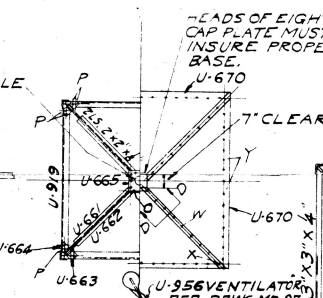
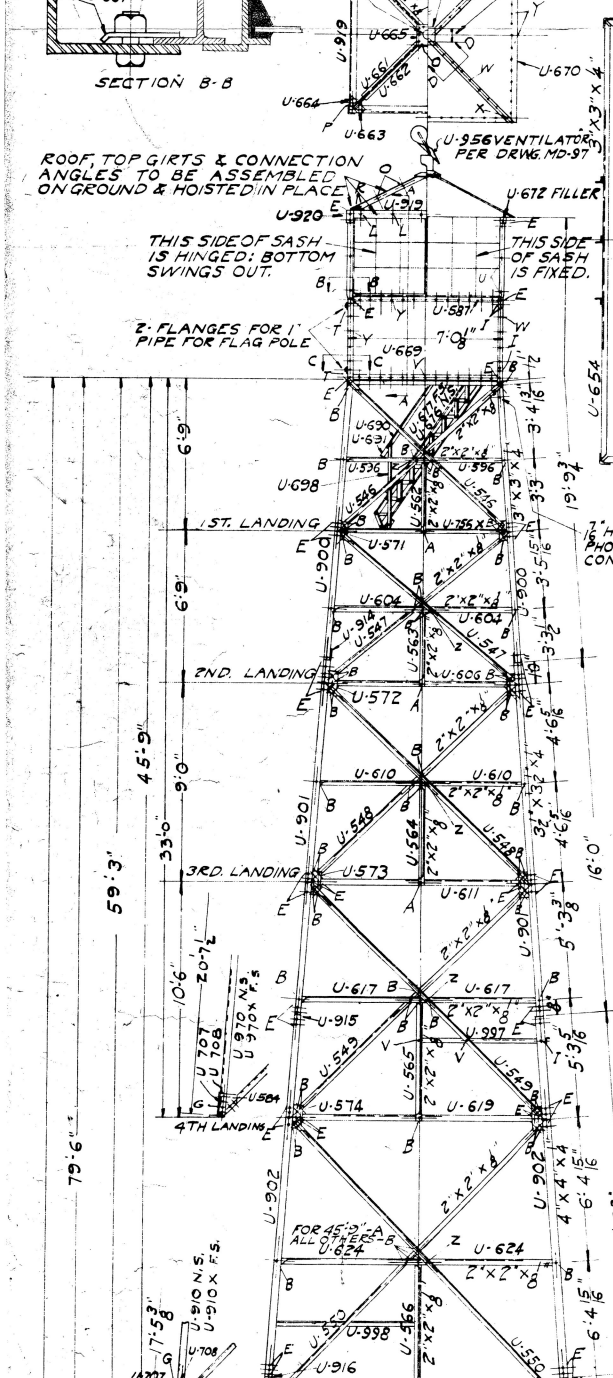
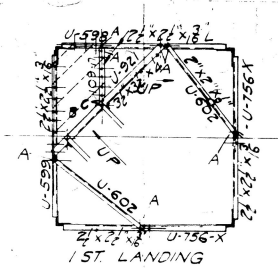
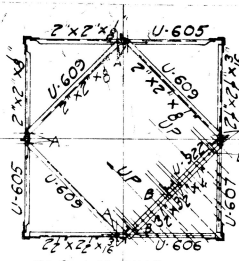






1ST. LANDING



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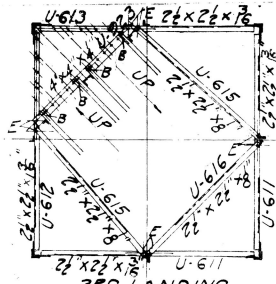

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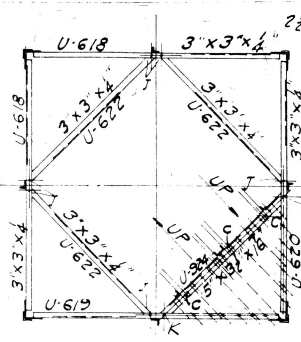

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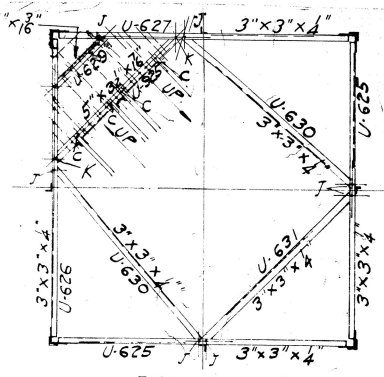

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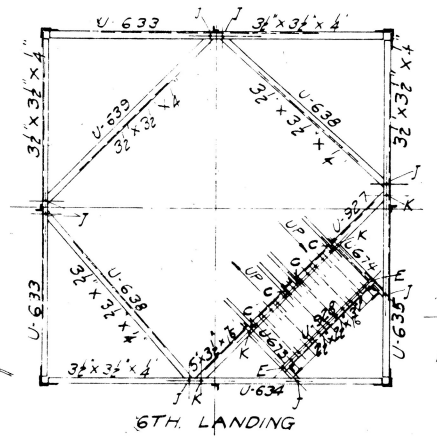
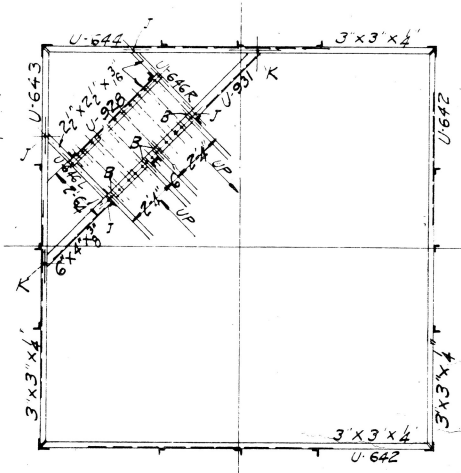


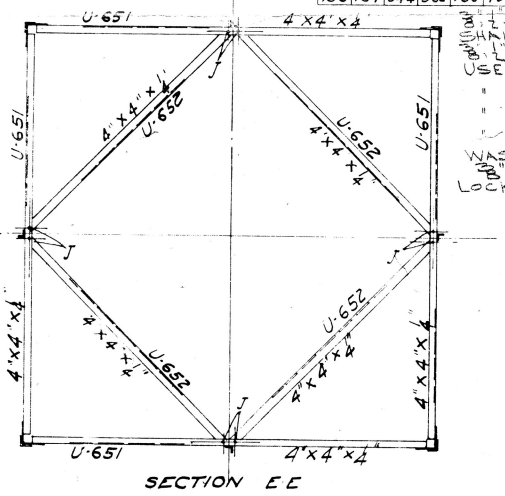
6TH. LANDING



7TH. LANDING FOR 79'-6" & 99'-9" TOWER

45'-9"		MD-92 20'-0"		59'-3"		72'-9"		79'-6"		MD-92X 120'-0"		99'-9"		DESCRIPTION	LOC.
NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%		
44	46	48	50	44	46	28	30	28	30	37	39	28	30	⅝ X 1½" WITH HEX. NUT	A
269	282	361	379	325	341	349	368	353	371	372	391	357	375	⅝ X 1¾" " " "	B & L
						12	13							¾ X 1½" " " "	D
260	273	682	716	364	382	426	447	460	483	710	746	588	617	¾ X 1¾" " " "	E & L
2	3	387	407	4	5	96	101	114	120	303	318	206	212	¾ X 2" " " "	F & L
32	34	57	60	32	34	8	9	8	9	84	88	52	55	¾ X 2¼" " " "	G & L
		32	34			32	34	32	34	56	59	32	34	¾ X 2½" " " "	H
16	17	16	17	16	17	16	17	16	17	16	17	16	17	½ X 1¼" " " "	O
16	17	16	17	16	17	16	17	16	17	16	17	16	17	½ X 1½" " " "	P
4	5	4	5	4	5	4	5	4	5	4	5	4	5	½ X 1¾" " " "	R
62	65	186	195	80	84	104	107	122	128	186	195	152	160	⅜ X 1" " " "	V
44	47	96	101	54	57	62	65	70	74	96	101	78	82	⅜ X 1¼" " " "	J & L
52	55	62	66	52	55	52	55	52	55	62	66	52	55	⅜ X 1½" " " "	L & T
48	50	48	50	48	50	48	50	48	50	48	50	48	50	¼ X ⅜" R.H. BRASS SQ. NUT	W
8	9	8	9	8	9	8	9	8	9	8	9	8	9	¼ X ⅜" " " " "	X
208	218	208	218	208	218	208	218	208	218	208	218	208	218	¼ X ½" " " " "	Y
4	5	4	5	4	5	4	5	4	5	4	5	4	5	¼ X ¼" " " " "	VENT.
385	404	900	945	482	506	578	605	638	670	900	945	770	809	¼ X 2½" CARR. BOLTS HEX. NUT	WOOD
313	330	409	429	369	385	377	397	381	401	409	430	385	405	1/16 X 1¼ X 3/16 GALV. WASHERS	
294	310	158	217	400	421	574	595	614	647	153	212	874	919	3/16 X 1⅛ X 3/16 " " "	
36	39	36	39	36	39	36	39	36	39	36	39	36	39	3/16 X 1⅜ X 3/16 " " "	
158	167	344	362	186	196	218	229	244	257	344	362	282	297	1/16 X ¾ X ⅛ " " "	
32	34	48	50	40	42	48	50	48	50	48	50	48	50	1/16 X 1½ X ¼" " FILLER	Z
313	330	409	429	369	385	377	397	381	401	409	430	385	405	PAL NUT LOCKNUT,	S-11, RR-5811-GAL
294	310	158	217	400	421	574	595	614	647	153	212	874	919	" " "	2-10, RF-3410, "
36	39	36	39	36	39	36	39	36	39	36	39	36	39	" " "	1-13, RR-1213, "
158	167	344	362	186	196	218	229	244	257	344	362	282	297	" " "	3-16, RR-3816, "

ALL BOLTS SHALL HAVE HEXAGON HEADS AND HEXAGON NUTS AND SHALL BE GALVANIZED AFTER THREADING.
ALL NUTS SHALL BE TAPPED AFTER GALVANIZING.
USE HEX X HIGH NUT ON BOLTS
" " " X " " " "
" " " X " " " "
" " " X " " " "
WASHERS NOT TO BE USED WITH ¼" BRASS BOLTS OR ⅜" CARRIAGE BOLTS.
LOCKNUTS NOT TO BE USED ON ⅜" CARRIAGE BOLTS.



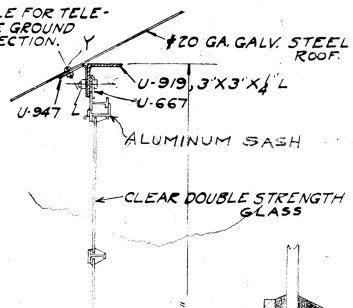
8TH. LANDING

SECTION E E

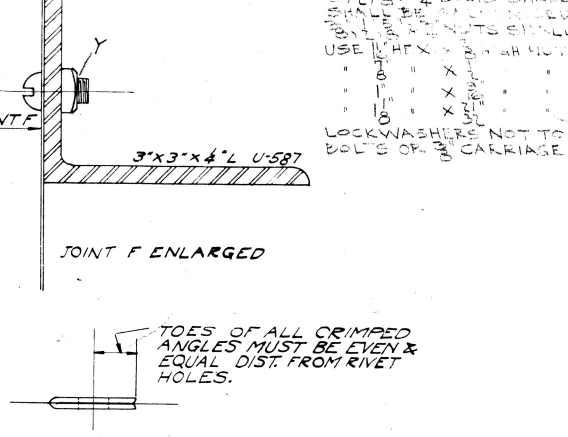
LIST OF BOLTS FOR MC-39 WITH LOCKWASHERS

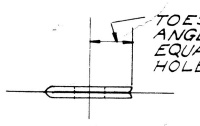
33'-0"		MD-92X 120'-0"		45'-9"		59'-3"		72'-9"		79'-6"		MD-92 120'-0"		99'-9"		DESCRIPTION	LOC.
NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%	NET	+5%		
33	35	37	39	33	35	33	35	17	18	17	18	37	39	17	18	⅝" X 1¼" HEX. NUT AND LOCKWASHER	A
216	227	350	368	274	288	326	342	346	363	360	378	350	368	350	368	⅝" X 1½" " "	B
		22	23	6	7	10	11	14	15	14	15	22	23	18	19	⅝" X 1¾" " "	C
								12	13							¾" X 1¼" " "	D
169	177	671	705	249	261	345	362	399	419	437	459	651	684	555	581	¾" X 1½" " "	E
		276	290					88	92	96	101	345	362	180	189	¾" X 1¾" " "	F
32	34	84	88	32	34	32	34	8	9	8	9	52	55	52	55	¾" X 2" " "	G
		24	25					32	34	32	34	32	34	32	34	¾" X 2¼" " "	H
5	6	53	56	11	12	19	20	29	30	33	35	45	47	43	45	¾" X 2" HEX. NUTS AND LOCKWASHER	J
		14	15	2	3	4	5	6	7	8	9	28	30	12	13	¾" X 2¼" " "	K
16	17	16	17	16	17	16	17	16	17	16	17	16	17	16	17	½" X 1¼" T HEX. NUT AND LOCKWASHER	O
16	17	16	17	16	17	16	17	16	17	16	17	16	17	16	17	½" X 1½" " "	P
4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	½" X 1¾" " "	R
78	82	230	241	98	103	118	124	142	149	163	168	230	241	190	200	⅜" X 1" " "	V & I
48	50	110	116	56	59	64	67	72	75	30	64	110	116	38	32	⅜" X 1¼" " "	U & L
4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	⅜" X 1½" " "	T
48	50	48	50	48	50	48	50	48	50	48	50	48	50	48	50	¼" X ⅜" R.H. BRASS SQ. NUT	W
8	9	8	9	8	9	8	9	8	9	8	9	8	9	8	9	¼" X ⅜" " " " "	X
208	218	208	218	208	218	208	218	208	218	208	218	208	218	208	218	¼" X ½" " " " "	Y
4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	¼" X ¼" " " " "	VENT.
290	305	900	945	385	404	482	506	578	605	638	670	900	945	770	809	¼" X 2½" CARR. BOLTS HEX. NUT	WOOD
		32	34													¼" X 2" HEX. NUT AND LOCKWASHER	M
249	262	409	430	313	330	369	389	377	397	381	401	409	430	385	405	⅛" X 2½" GALV. LOCKWASHER	
206	217	1154	213	294	310	400	421	574	595	614	647	158	216	874	919	¼" X 1⅝" "	
36	39	36	39	36	39	36	39	36	39	36	39	36	39	36	39	¼" X 1⅞" "	
130	137	344	362	158	167	186	196	218	229	244	257	344	362	282	297	¼" X 2" "	
24	25	48	50	32	34	40	42	48	50	48	50	48	50	48	50	¼" X 4" WASHERS.	Z
												5	6			¼" X 2½" T HEX. NUTS AND LOCKWASHER	N

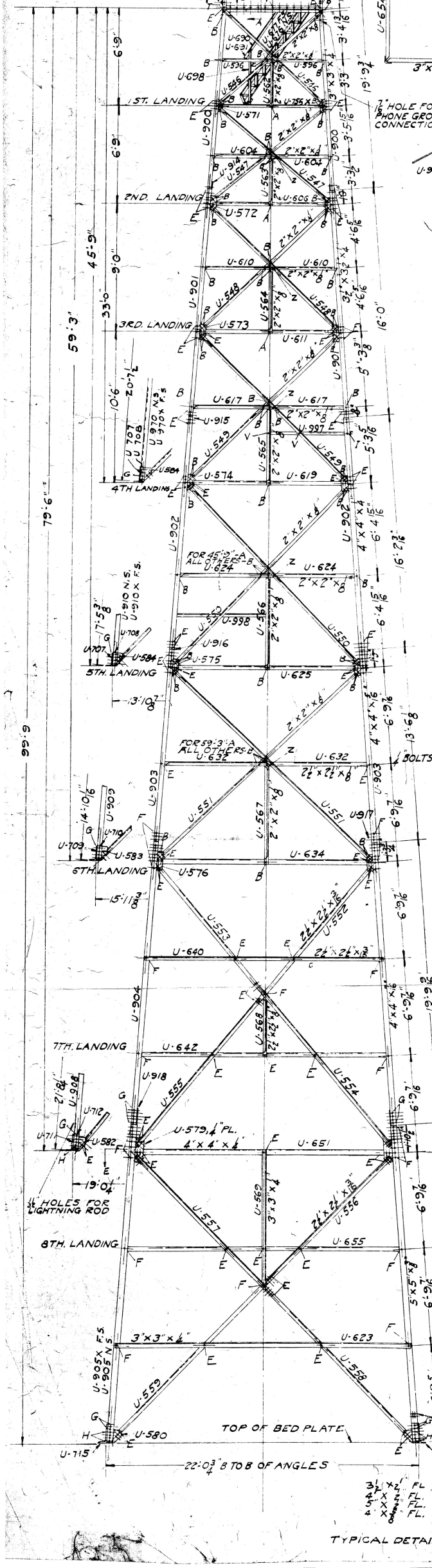
ALL BOLTS SHALL HAVE HEXAGON HEADS AND HEXAGON NUTS AND SHALL BE GALVANIZED AFTER THREADING.
ALL NUTS SHALL BE TAPPED AFTER GALVANIZING.
USE HEX X HIGH NUT ON BOLTS
" " " X " " " "
" " " X " " " "
" " " X " " " "
LOCKWASHERS NOT TO BE USED WITH ¼" BRASS BOLTS OR ⅜" CARRIAGE BOLTS.



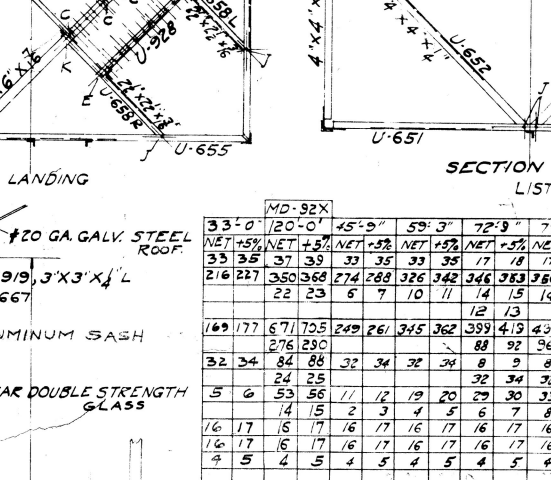
JOINT F ENLARGED

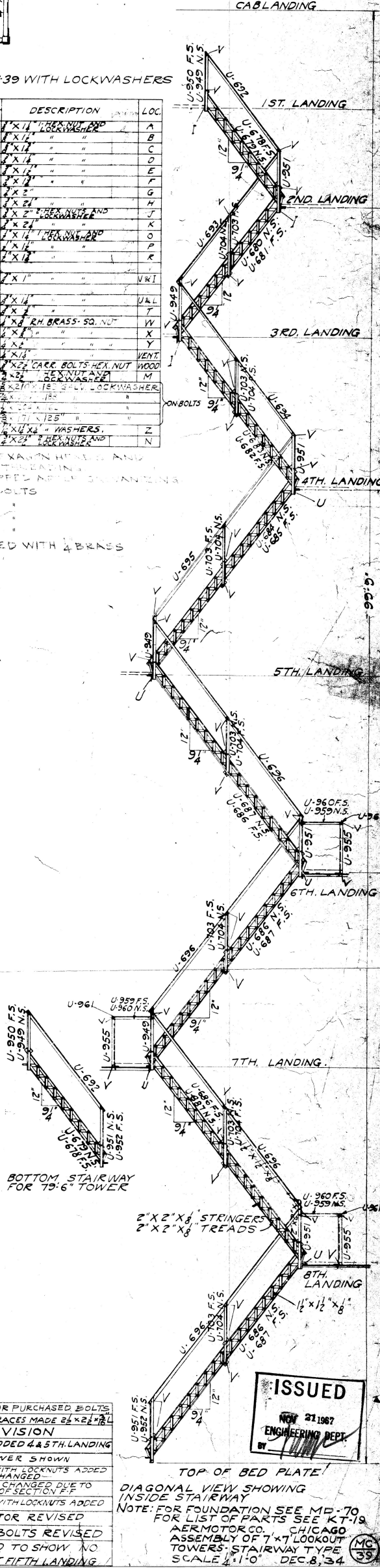






SECTION A-A.





BOTTOM STAIRWAY FOR 79'-6" TOWER

TOP OF BED PLATE

DIAGONAL VIEW SHOWING INSIDE STAIRWAY

NOTE: FOR FOUNDATION SEE MD-70
FOR LIST OF PARTS SEE KT-19

DATE	REVISION
JAN. 2, '64	REVISED FOR PURCHASED BOLTS
APR. 18, '57	2½"x2½"x⅜"L BRACES MADE 2½"x2½"x7/16"L
JULY 21, '54	RAILING ADDED 4 & 5TH. LANDING
AUG. 9, 39	33'-0" TOWER SHOWN
JULY 9, '36	45'-9" LIST WITH LOCKNUTS ADDED 59'-3" " CHANGED
APRIL 15, '36	BOLT LIST CHANGED DUE TO REVISION OF SECTION F-F
MAR. 20, '36	BOLT LIST WITH LOCKNUTS ADDED
FEB. 25, '36	VENTILATOR REVISED
DEC. 26, 35	LIST OF BOLTS REVISED
DEC. 19, '34	REVISED TO SHOW NO RAILING AT FIFTH LANDING

ISSUED NOV 21 1967 ENGINEERING DEPT. BY

AERMOTOR CO. CHICAGO
ASSEMBLY OF 7'x7' LOOKOUT TOWERS: STAIRWAY TYPE
SCALE 1"=1'-0" DEC. 8, '34

MC 39