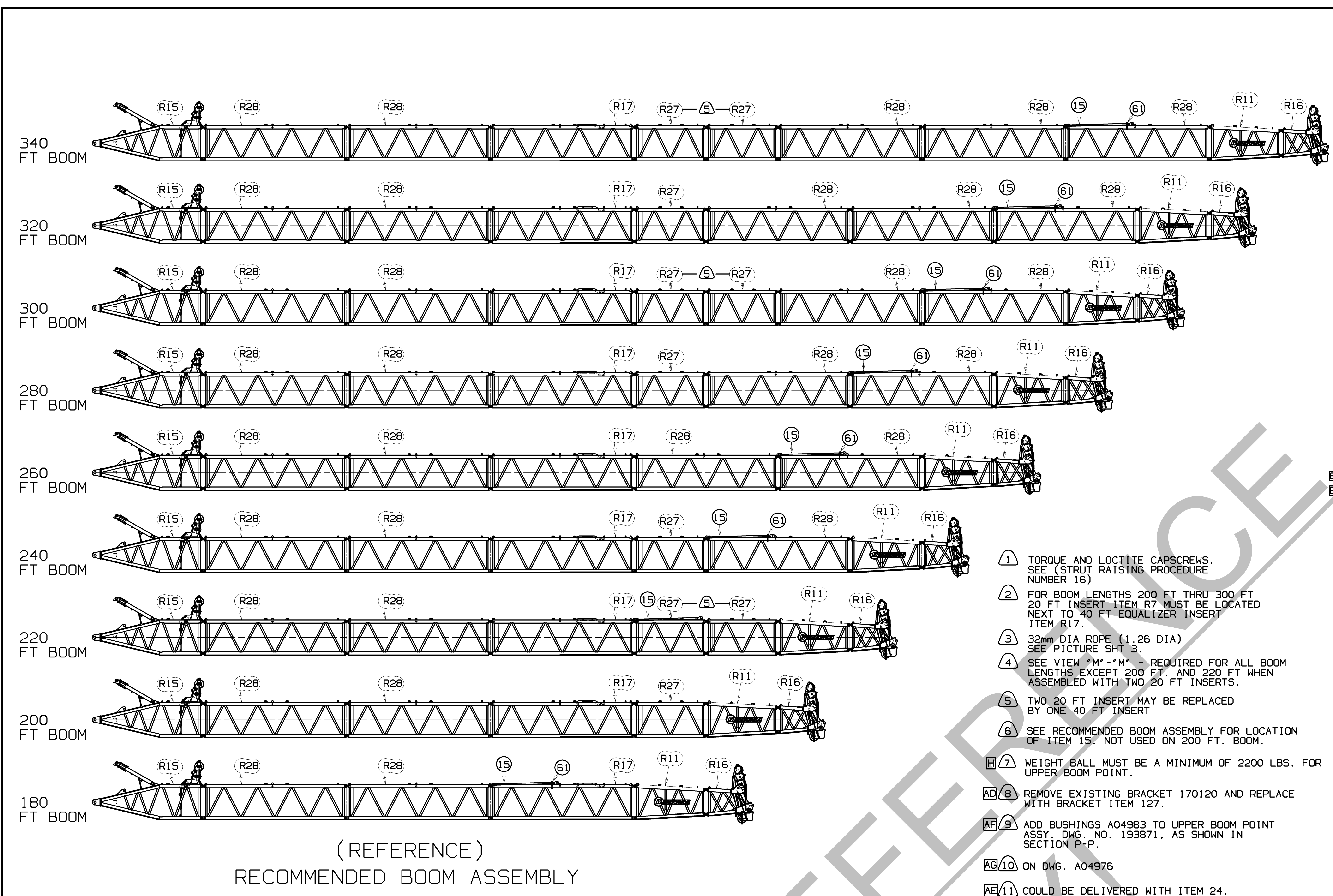




ADDITIONAL PARTS REQUIRED FOR VARIOUS JIB LENGTHS											ADJUSTMENT OF ITEM 57 SEE VIEW "D"		
ITEM NO.		72	85	76	89	68 OR 81	69 OR 82	75 OR 88	74 OR 87	78 OR 91	73 OR 86	POSITION	LENGTH
JIB LENGTH		20 FT 6.10 M INSERT	40 FT 12.19 M INSERT	20 FT (6.10M) STRAP	40 FT (12.19M) STRAP	PIN	TIMBER	BOOM SUPPORT STRAP	COLLAR	PIN	PIN		
FEET	METERS												
120 BASIC	36.6	0	0	0	0	0	0	0	0	0	0	"4"	89.25
140	42.7	1	0	2	0	4	1	4	4	4	4	"4"	89.25
160	48.8	0	1	0	2	4	2	4	4	4	4	"4"	89.25
180	54.9	1	1	2	2	8	3	8	8	8	8	"4"	89.25
200	61.0	0	2	0	4	8	4	8	8	8	8	"4"	89.25
220	67.1	1	2	2	4	12	5	12	12	12	12	"4"	89.25
240	73.2	0	3	0	6	12	6	12	12	12	12	"5"	18.00
260	79.2	1	3	2	6	16	7	16	16	16	16	"5"	18.00
280	85.3	0	4	0	8	16	8	16	16	16	16	"5"	18.00
300	91.4	1	4	2	8	20	9	20	20	20	20	"5"	18.00

BM

12

192988 CAN BE REPLACED WITH 8101326

BM

13

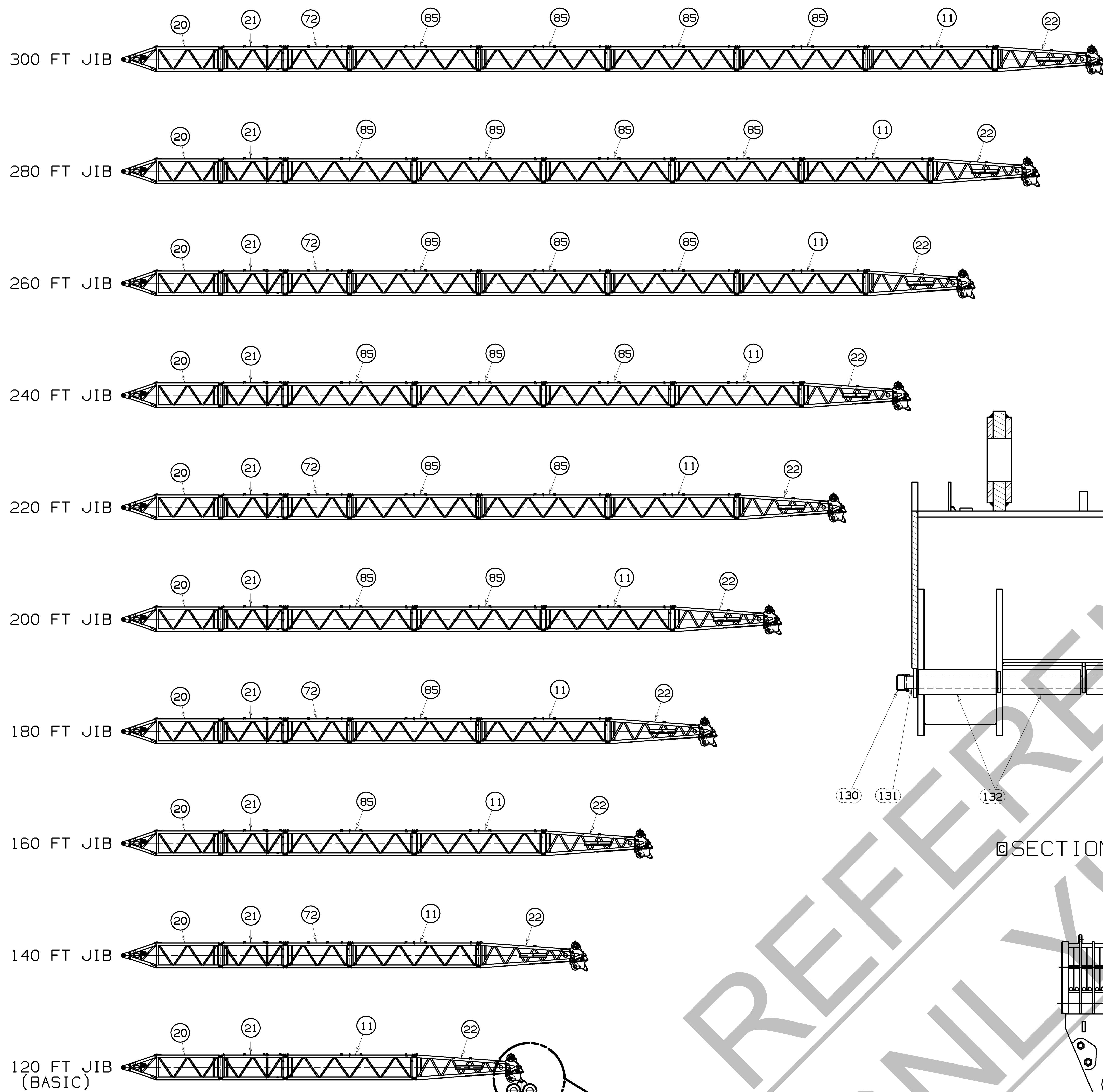
OPTIONAL CAT WALK ASSEMBLY
QTY 1 CAT WALK ASSY PER BOOM SECTION

BOOM SECTION	OPTIONAL CAT WALK ASSY
192578	81016932
194079	81016925
194080	81016927
194081	81016926
192577	81016931

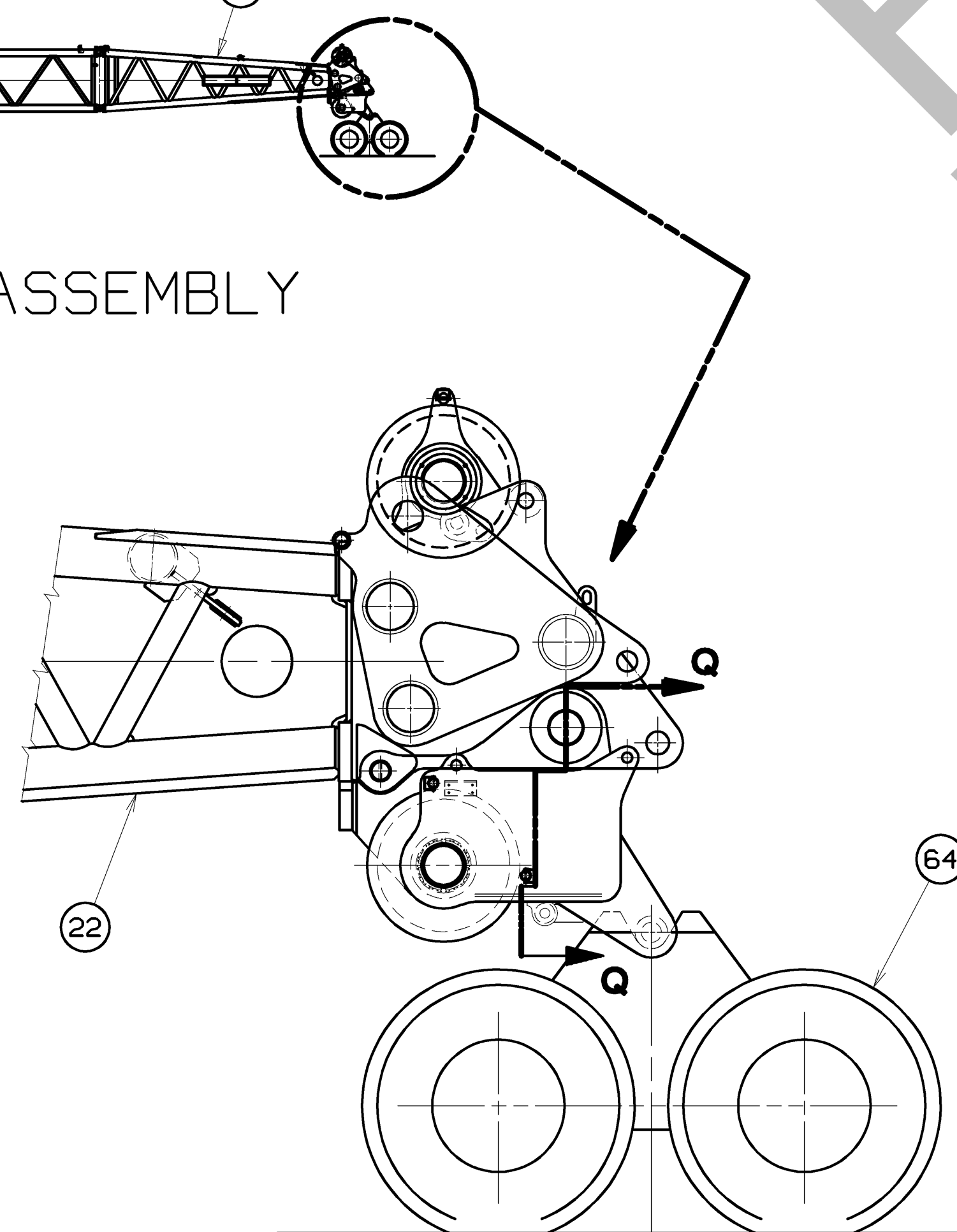
ADDITIONAL PARTS REQUIRED FOR VARIOUS BOOM LENGTHS (REFERENCE 140 FT BASIC BOOM WITH 140 FT MAST)												REQUIRED FOR VARIOUS JIB BACKSTAYS									
ITEM NO.		R27	R28	R9	R26	R3	R4	R8	R7	R10	R6	98	105	95 OR 102	97 OR 104	96 OR 103	100 OR 107	ADJUSTMENT OF ITEMS 47 SEE VIEW "A"			
BOOM LENGTH		20 FT 6.10 M INSERT	40 FT 12.19 M INSERT	20 FT (6.10M) STRAP	40 FT (12.19M) STRAP	PIN	TIMBER	BOOM SUPPORT STRAP	COLLAR	PIN	PIN	20 FT (6.10m) STRAP	40 FT (12.19m) STRAP	PIN	1FT-8.00 (0.51m) STRAP	COLLAR	PIN	POSITION	LENGTH		
FEET	METERS																				
180 BASIC	54.9	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	"1"	228.81		
200 	60.9	1	2	2	0	4	5	4	4	4	4	0	2	0	0	0	0	"1"	228.81		
220	67.1	OR 2 0	2 3	4 2	0 2	8 4	6 6	8 4	8 4	8 4	8 4	2 2	2 2	4 4	4 4	4 4	4 4	"2"	192.81		
240	73.2	1	3	2	2	8	7	8	8	8	8	4	2	8	8	8	8	"2"	192.81		
260	79.2	0	4	0	4	8	8	8	8	8	8	0	4	8	8	8	8	"2"	192.81		
280	85.3	1	4	2	4	12	9	12	12	12	12	2	4	12	12	12	12	"3"	156.81		
300	91.4	OR 2 0	4 5	4 0	4 6	16 12	10 10	16 12	16 12	16 12	16 12	4 0	4 6	16 12	16 12	16 12	16 12	"3"	156.81		
320	97.5	1	5	2	6	16	11	16	16	16	16	2	6	16	16	16	16	"3"	156.81		
340	103.6	OR 2 0	5 6	4 0	6 8	20 16	12 16	20 16	20 16	20 16	20 16	4 0	6 8	20 16	20 16	20 16	20 16	"3"	156.81		

BILL OF MATERIAL			REVISIONS	
ITEM NO.	DESCRIPTION	QUANTITY	DATE	BY
1710-0030 20 FT STRAP (6.10M)				
94				
954	PIN	192595		
964	COLLAR	192596		
974	BOOM SUPPORT STRAP - 1FT 8.00	192597		
982	BOOM SUPPORT STRAP - 20FT 0.00	192598		
99				
1004	PIN	192603		
1710-0040 40 FT STRAP (12.19M)				
101				
1024	PIN	192595		
1034	COLLAR	192596		
1044	BOOM SUPPORT STRAP - 1FT 8.00	192597		
1052	BOOM SUPPORT STRAP - 40FT 0.00	192599		
106				
1074	PIN	192603		
OPTIONAL PARTS				
1710-0050 600T BLOCK W/O HOOK				
1081	600T BLOCK ASSEMBLY W/O HOOK	236496	3	
109				
110				
1710-0060 600T HOOK ASSEMBLY				
1111	600T HOOK ASSEMBLY	236497	3	
112				
1710-0070 UPPER BOOM POINT ASSEM				
1141	UPPER BOOM POINT ASSEMBLY	193871		
1284	PIN	78184		
1294	WASHER	12151		
1212	PIN	177243		
1221	STRUT	A04969		
1232	STRUT	A04970		
1242	PENDANT	A04973	10	
1251	ADAPTER FRAME	A04975	11	
1262	BUSHING	A04983	9	
1272	BRACKET	A04984	8	
1710-0080 UPPER BOOM POINT SINGLE PART LINE				
1151	30T HOOK ASSEMBLY	A00816	7	
1710-0090 UPPER BOOM POINT TWO PART LINE				
1161	45T HOOK ASSEMBLY	236503	7	
RIGGING WINCH ASSEMBLY				
1171	RIGGING WINCH ASSEMBLY	A14234		
BOOM ASSEMBLY LADDER STORAGE				
1181	BOOM ASSEMBLY LADDER STORAGE	A14360		
WIRE ROPE GUIDE ROLLER				
1301	PIN WIRE LOCK .375 DIA X 2.25 LG	563803		
1311	GUARD WIRE ROPE	81013099		
1324	ROLLER 2.03 ID X 4.00 OD X 12.75 LG	81013100		
1331	ROLLER 2.03 ID X 4.00 OD X 12.38 LG	81013101		
1341	BOOM POINT LOWER MACHINING MOD FOR #81 BOOM	81013118		
CAT WALK ASSEMBLY				
135	CAT WALK ASSY 40FT #81 INSERT	81016932	13	
136	CAT WALK ASSY 30FT #81 LUFFING JIB BUTT	81016925	13	
137	CAT WALK ASSY 20FT #81 INSERT TRANSITION	81016927	13	
138	CAT WALK ASSY 30FT #81 TOP	81016926	13	
139	CAT WALK ASSY 20FT #81 INSERT	81016931	13	
140				
BLOCK OPTIONS				
1191	BLOCK 275 TON	81007019		
1201	BLOCK 60 TON	81007021		
REFERENCE BOOM PARTS LIST (SEE BOOM RIGGING ASSEMBLY 194413)				
R1	SIGN BOOM MANITOWOC	81008829		
R2	BOOM ANGLE INDICATOR ASSEMBLY	168779		
R3	PIN	175160		
R4	TIMBER	178905		
R5	MAST RIGGING ASSEM. 140 FT, #81 MAST	193778		
R6	PIN	192595		
R7	COLLAR	192596		
R8	BOOM SUPPORT STRAP - 1FT 8.00	192597		
R9	BOOM SUPPORT STRAP - 20FT 0.00	192598		
R10	PIN	192603		
R11	20 FT TAPERED INSERT	192882		
R12	BOOM POINT ASSEMBLY	192968		
R13	EQUALIZER ASSEMBLY	192970		
R14	WIRE ROPE GUIDE ASSEMBLY - BOOM BUTT	192971		
R15	30 FT BOOM BUTT	192987		
R16	10 FT BOOM TOP	192988	12	
R17	40 FT INSERT W/EQUALIZER RAILS	193259		
R18	PIN	193276		
R19	PIN	193277		
R20	BOOM SUPPORT STRAP - 7 FT 6.88	193278		
R21	BOOM STOP ASSEMBLY	193409		
R22	PIN PULLER ASSEMBLY	193481		
R23	BOOM SUPPORT STRAP - BASIC	193543		
R24	PIN	193551		
R25	SNAP PIN	563803		
R26	BOOM SUPPORT STRAP - 40FT 0.00	192599		
R27	20 FT INSERT	192575		
R28	40 FT INSERT	192576		

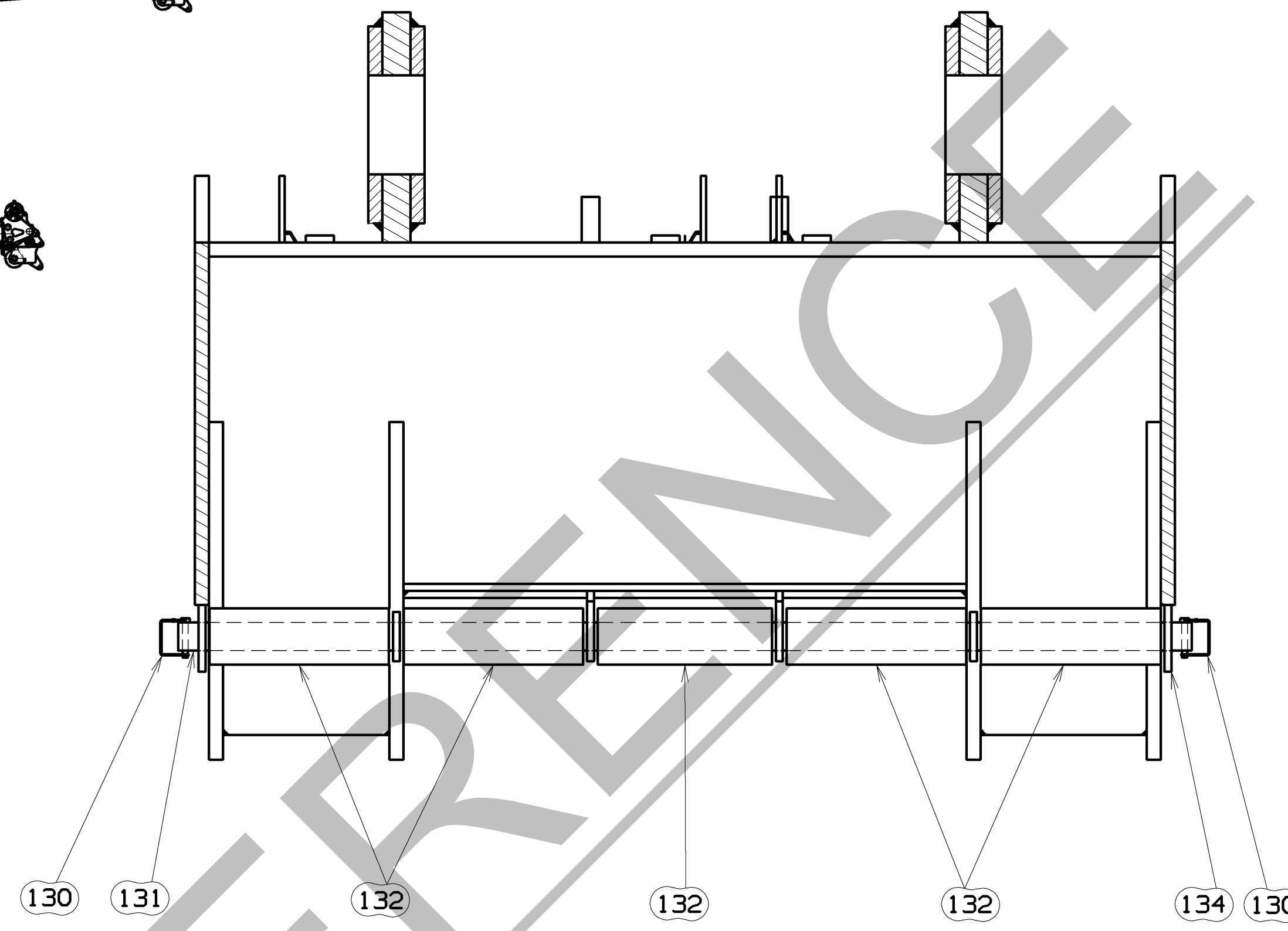
BILL OF MATERIAL					ASSIGNED / ISSUED ON	
ITEM NO. REV. NO.	SECTION	DESCRIPTION	QUANTITY	MATERIAL	DATE OR TIME	
1710-0000 BASIC JIB - 120 FT (36.6M)						
1	2	SIGN BOOM MANITOWOC		81008829		
2	4	PIN		78184		
3	2	PIN		144401		
4	4	WASHER		12151		
5	2	PIN		161220		
6	2	PIN		177243		
7	6	PIN		175160		
8	3	TIMBER		178905		
9	1	STRUT		A04969		
102		SHIM		196105		
111		40 FT INSERT FOR #81 BOOM		192578	13	
1242		PIN		192595		
1358		COLLAR		192596		
1424		BOOM SUPPORT STRAP (1FT-8.00)		192597		
152		BOOM SUPPORT STRAP (20FT)		192598	6	
166		BOOM SUPPORT STRAP (40FT)		192599		
1758		PIN		192603		
182		STRUT		A04970		
194		TIMBER		193273		
201		30 FT BOOM BUTT FOR #81 BOOM		194079	13	
211		20 FT TRANSITION INSERT FOR #81 BOOM		194080	13	
221		30 FT BOOM TOP FOR #81 BOOM		194081	13	
232		PENDANT		A04973	10	
241		ADAPTER FRAME		A04975	11	
254		BOOM SUPPORT STRAP (1FT-8.00)		194170		
262		BOOM SUPPORT STRAP (27FT-8.19)		194171		
271		#81 LOWER BOOM POINT ASSEMBLY		194177	13	
282		PIN		194178		
292		PIN		194179		
302		COLLAR		194180		
325		BUSHING		A04983	9	
326		BRACKET		A04984	8	
332		PIN		194403		
342		BOOM SUPPORT STRAP (12FT-4.00)		194491		
354		BOOM SUPPORT STRAP (8FT-3.60)		194492		
362		PIN		194510		
372		LOCKING PLATE		194511		
382		END PLATE		194512		
392		END PLATE		194513		
40						
41						
421		JIB STOP ASSEMBLY - #81 JIB		194671		
431		STRUT ASSEMBLY - #481 MAIN STRUT		194780		
444		STRUT SUPPORT STRAP (20FT-2.50)		194794		
452		STRUT SUPPORT STRAP (15FT-1.00)		194795		
462		STRUT SUPPORT STRAP (10FT-10.81)		194796		
478		STRUT SUPPORT STRAP (5FT-2.00)		194797		
484		LINK		194798		
498		STRUT SUPPORT LINK		194799		
501		STRUT STRAP SPREADER		194800		
511		STRUT STRAP SPREADER		194801		
524		SPACER		194802		
538		PIN		194803		
54						
551		STRUT ASSEMBLY - #481 JIB STRUT		194834		
562		STRUT SUPPORT STRAP (16FT-11.44)		194844		
574		STRUT SUPPORT STRAP (8FT-11.25)		194845		
5832		SCR M8 X 30, 4.8 ZINC PLT		7121171301		
598		PIN		195066		
601		ROLLER GUIDE ASSEMBLY		195079		
612		STRAP SUPPORT BRACKET ASSEMBLY		195115	4	
6232		NUT HEX M8-1.25 10 PLN		7661170004		
6332		WASHER LOCK M8		7951170210		
641		BOOM DOLLY		394502		
651		JIB HOIST ROPE		719419		
664		.75-10UNC-2B ELASTIC STOP NUT		548346		
674		.75-10UNC-2A X 6.75 LG. HEX HD SCR		612746		
1710-0010 20 FT INSERT #81 BM (6.10M)						
684		PIN		175160		
691		TIMBER		193273		
70						
71						
721		20 FT INSERT		192577	13	
734		PIN		192595		
744		COLLAR		192596		
754		BOOM SUPPORT STRAP - 1FT 8.00		192597		
762		BOOM SUPPORT STRAP - 20FT 0.00		192598		
77						
784		PIN		192603		
79						
80						
1710-0020 40 FT INSERT #81 BM (6.10M)						
814		PIN		175160		
822		TIMBER		193273		
83						
84						
851		40 FT INSERT		192578	13	
864		PIN		192595		
874		COLLAR		192596		
884		BOOM SUPPORT STRAP - 1FT 8.00		192597		
892		BOOM SUPPORT STRAP - 40FT 0.00		192599		
90						
914		PIN		192603		
92						
93						
PRIVATE LABELING REQUIREMENT TO CONFORM TO ENGINEERING SPECIFICATION 6829103794 FOR COMPONENTS LISTED IN 605500-05-035 DATE 12-20-99 PATTERN NO.						
SOURCING		SOURCING		SOURCING		
0089-1FT		Manitowoc Cranes, Inc.		SOURCING		



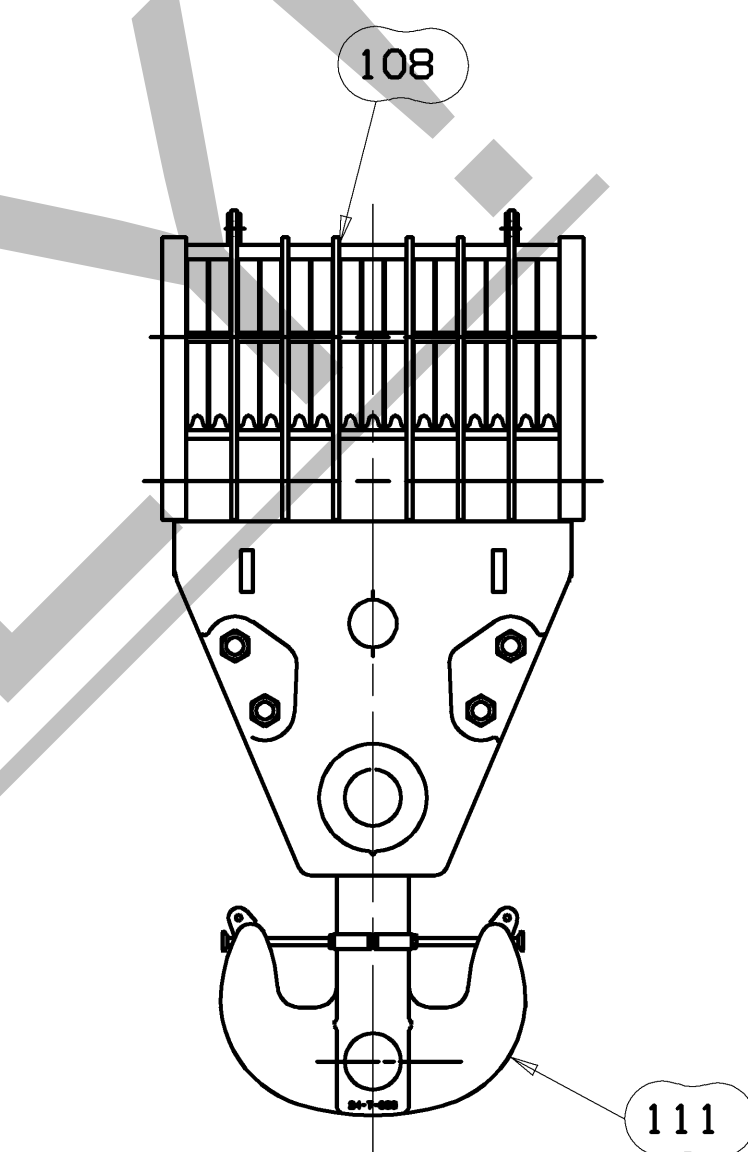
LUFFING JIB ASSEMBLY



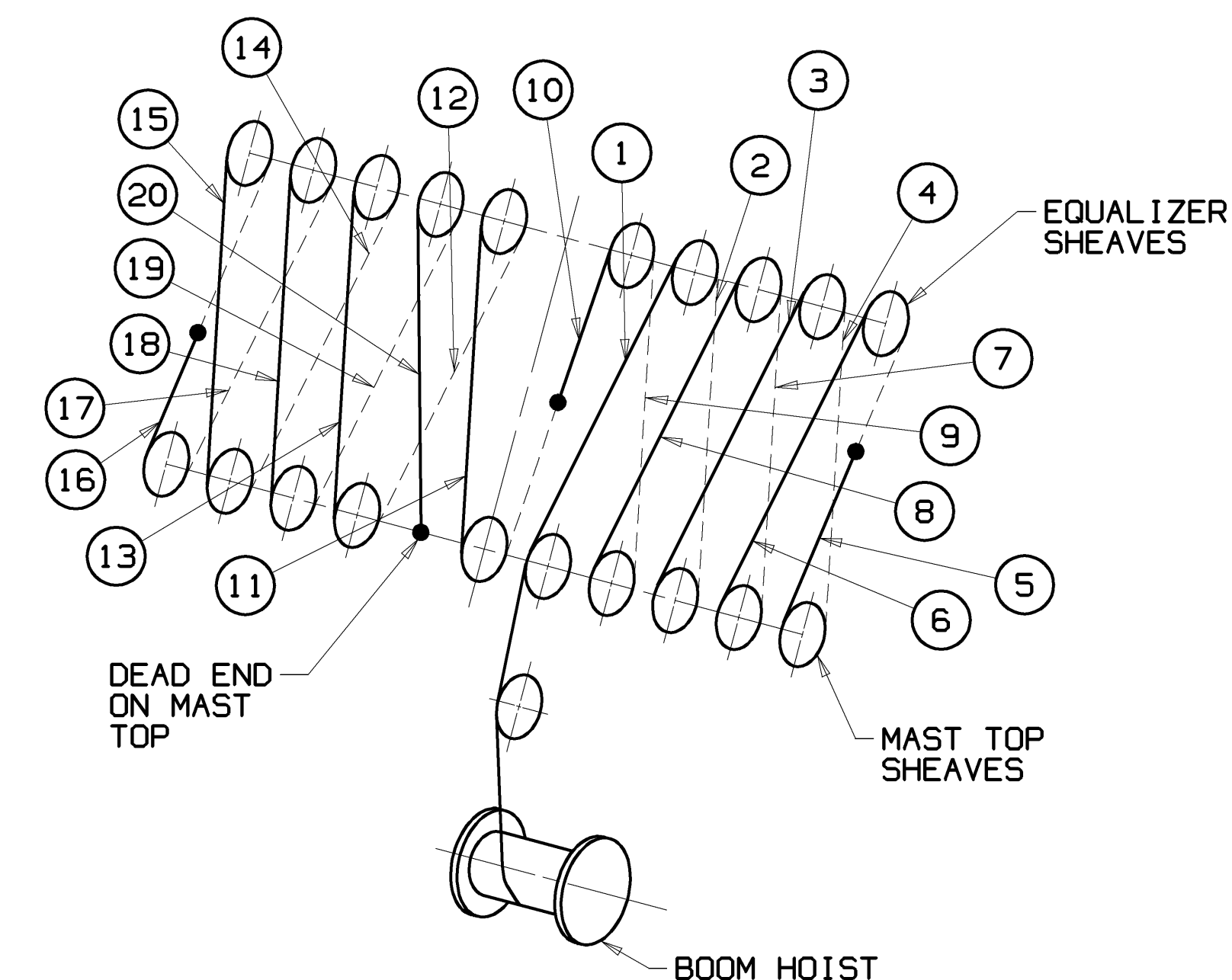
□ SHOWN WITH WIRE ROPE GUIDE ROLLER OPTION



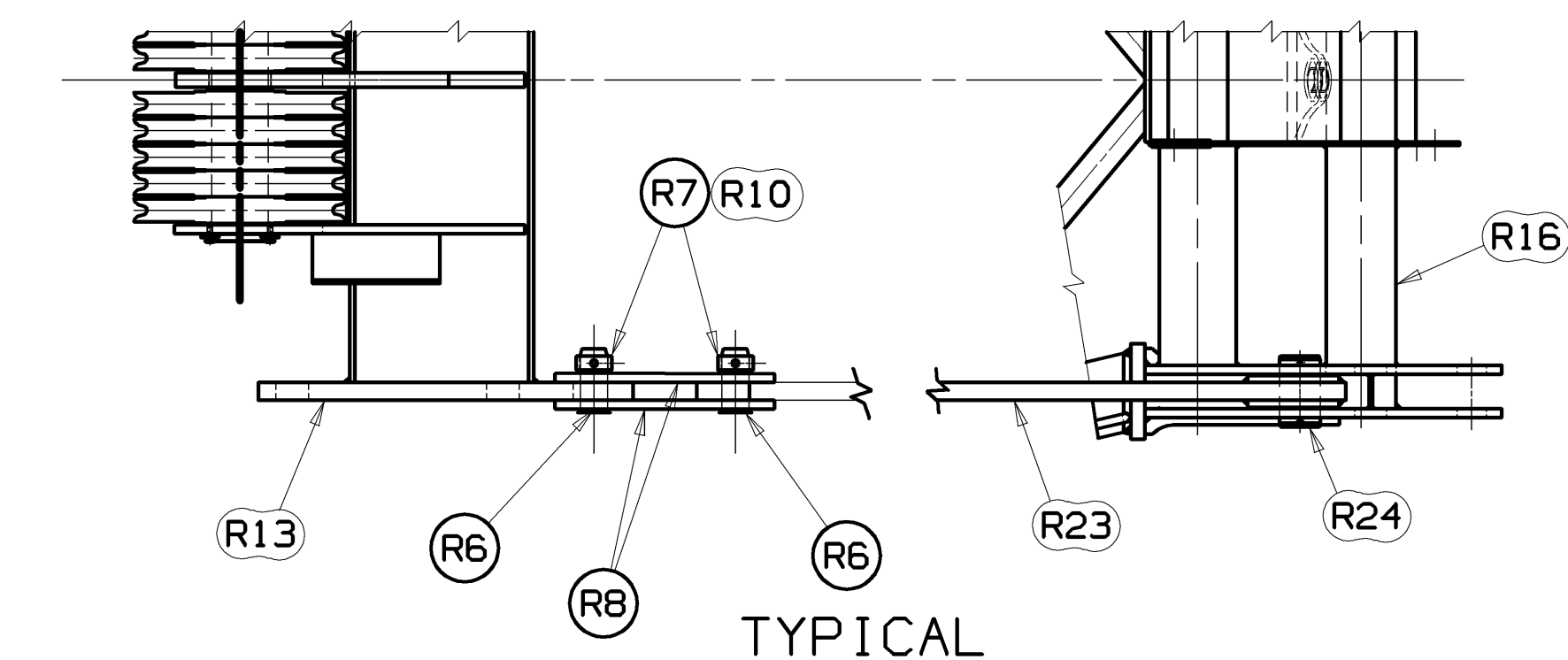
SECTION "Q" - "Q"



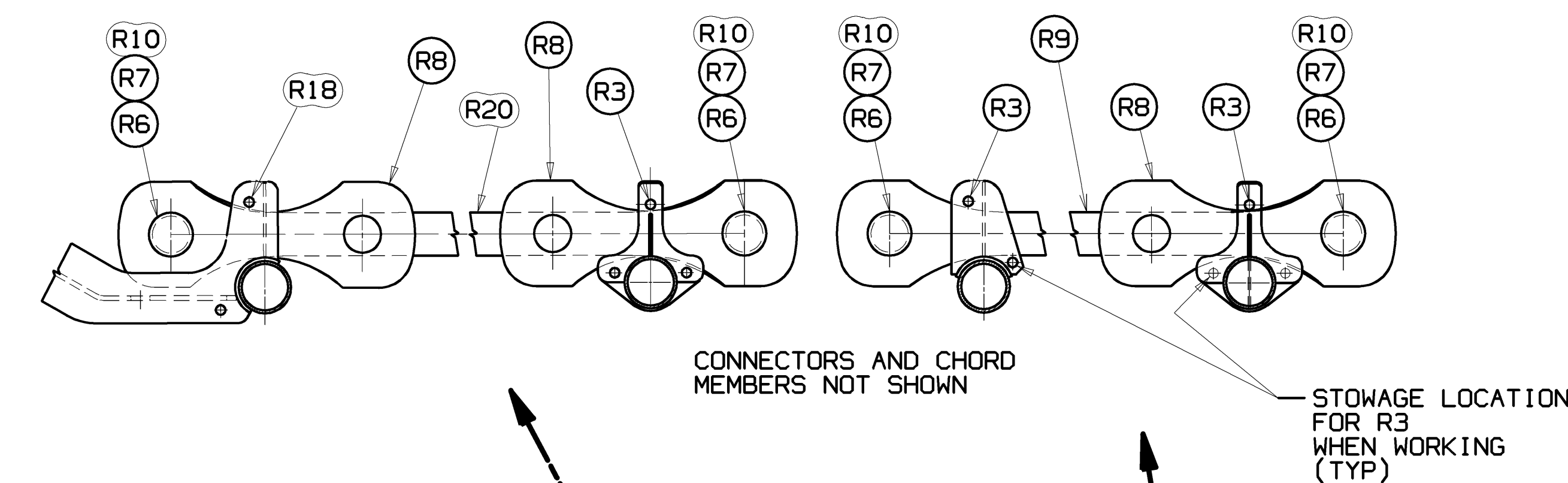
600 TON MAXIMUM



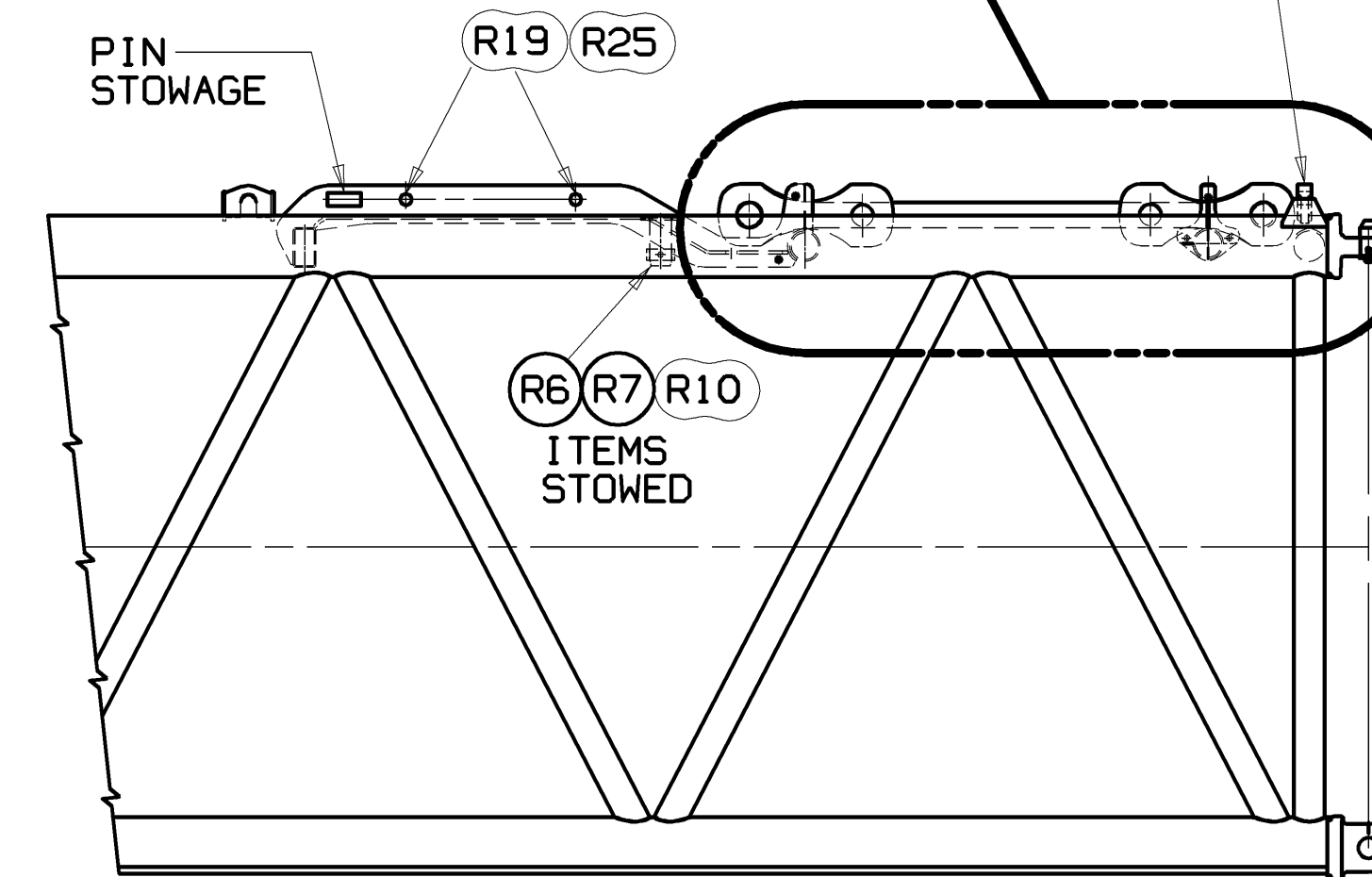
BOOM HOIST REEVEING DIAGRAM FOR 20 PART LINE
5350 FEET (1630.68 METERS) OF 1.260 INCH (32mm) CONSTRUCTEX
WIRE ROPE (MCI # 719412) - B.S. 202,000 LBS. (91,626 kg)



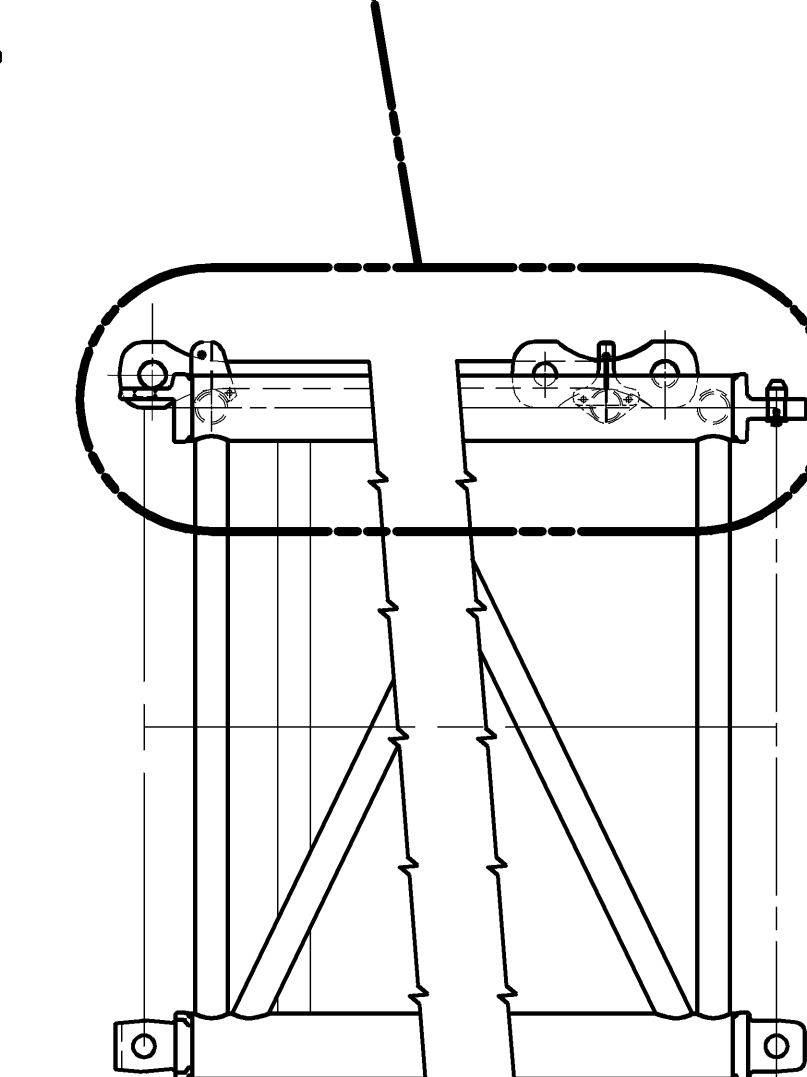
TYPICAL



BOOM HANDLING NOT ALLOWED WITH EQUALIZER PINNED TO RAILS



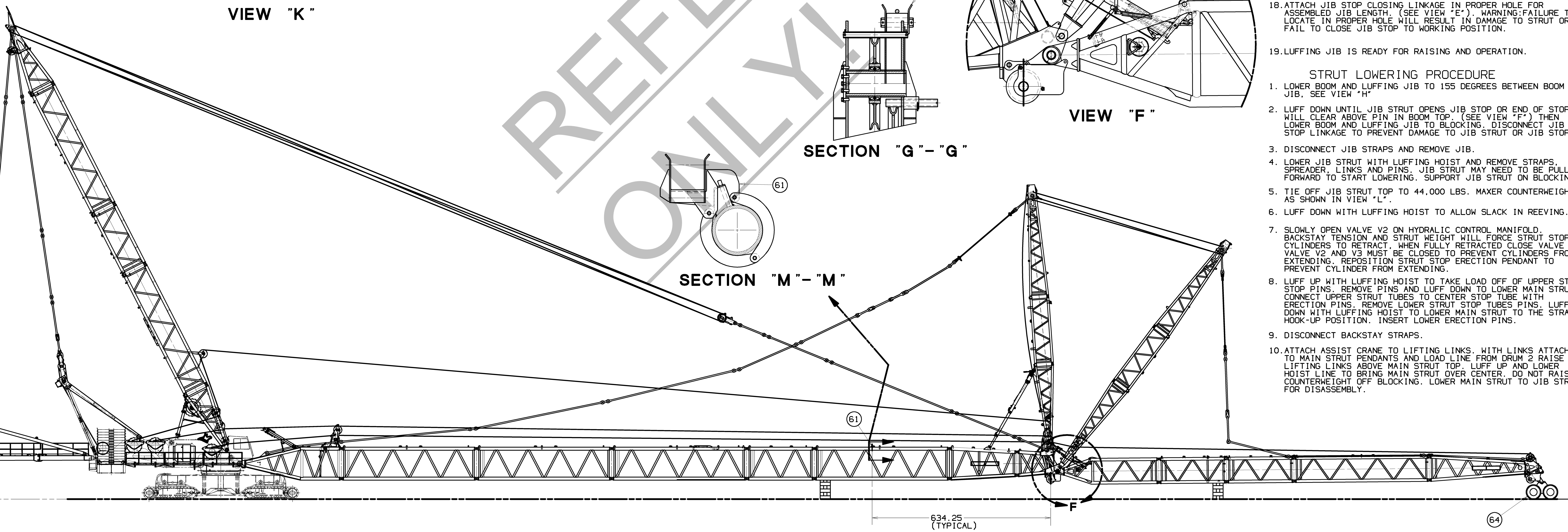
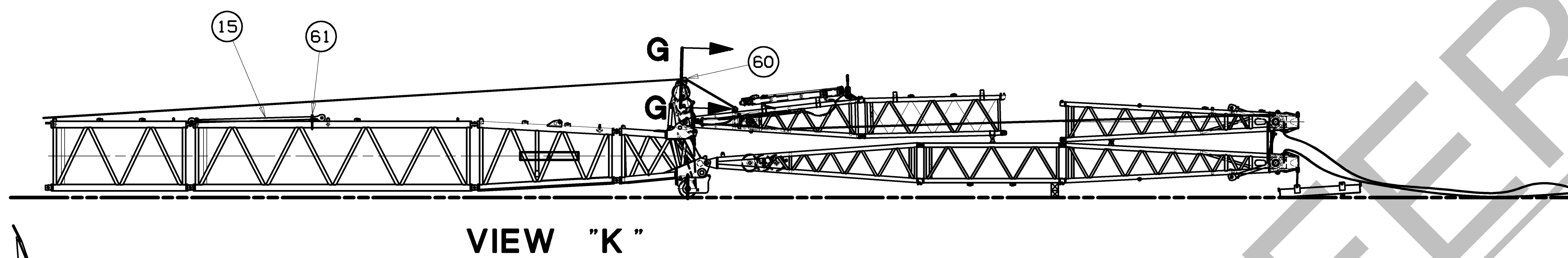
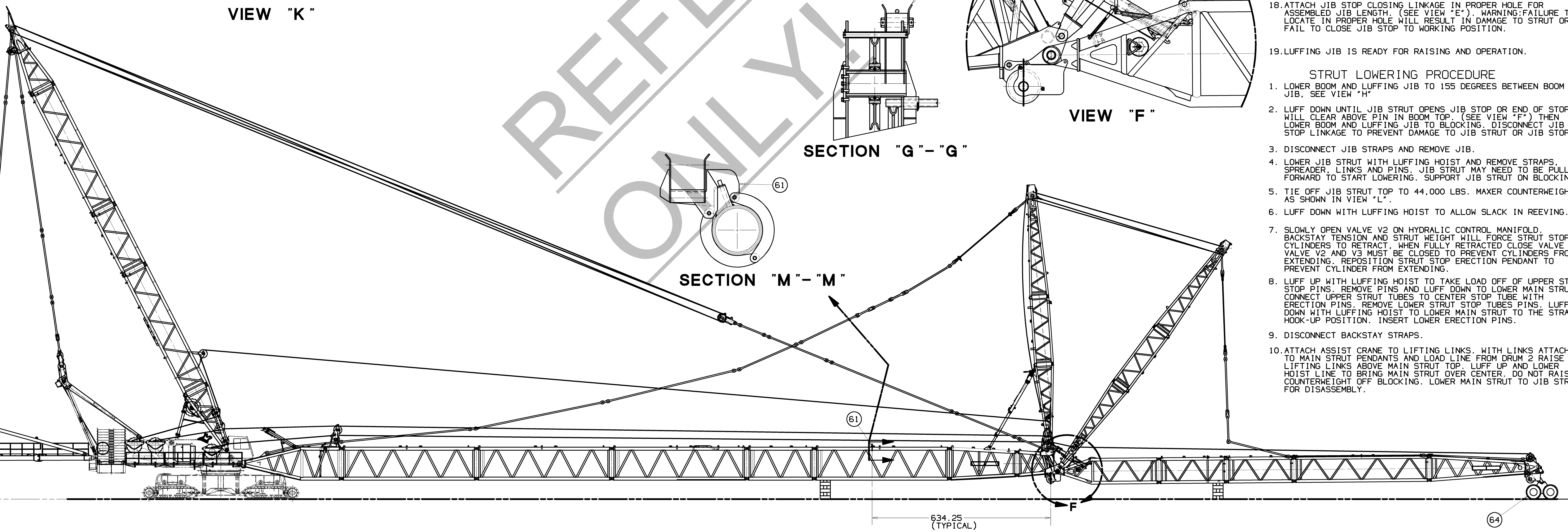
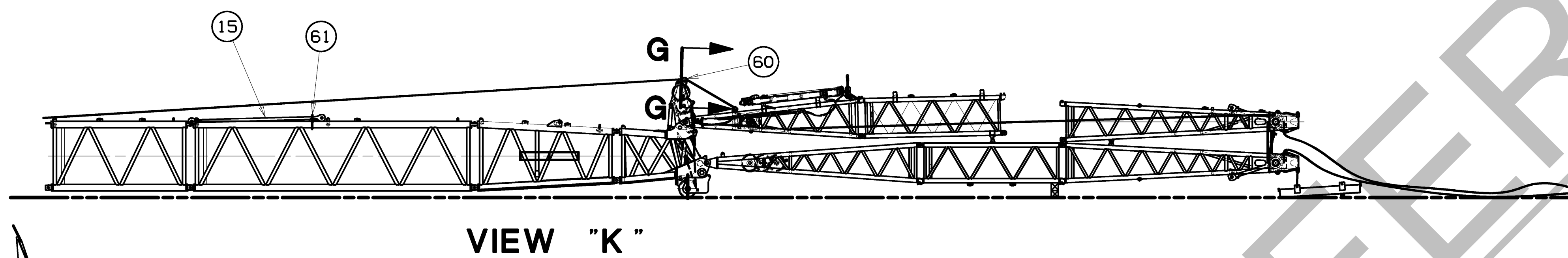
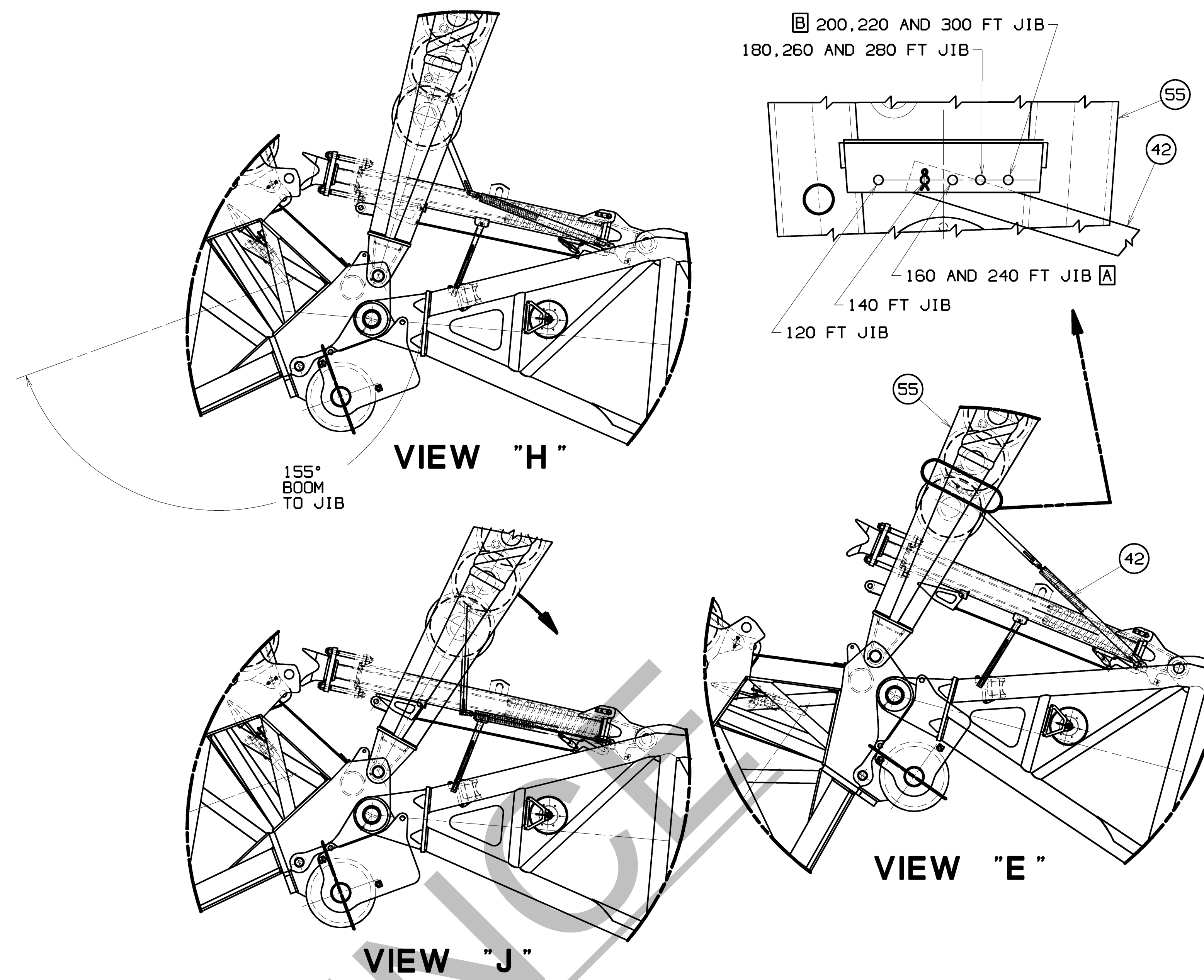
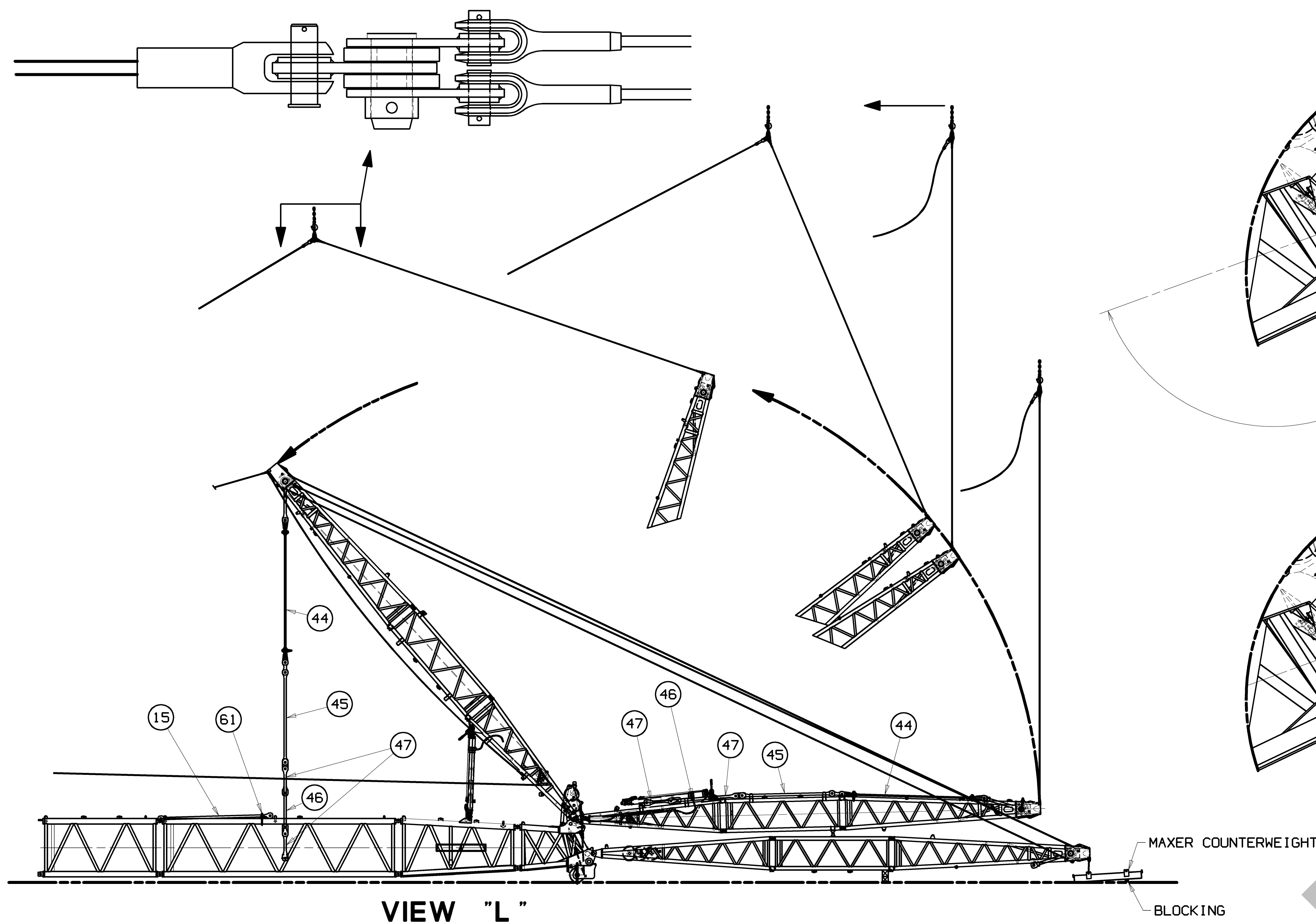
BOOM SUPPORT STRAP STOWAGE ON 40 FT INSERT WITH EQUALIZER RAILS.

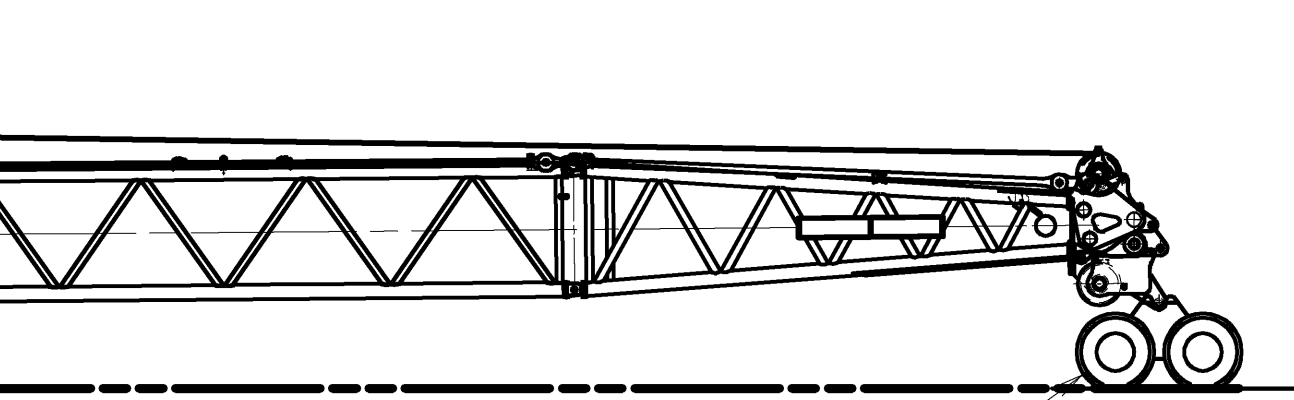


BOOM SUPPORT STRAP STOWAGE (TYPICAL) ON INSERTS

REFERENCE SEE #80 BOOM RIGGING ASSEMBLY.
NOTE: BACKSTAY STRAP LENGTHS MATCH INSERT LENGTH UNLESS NOTED.

THIS PRINT REMAINS THE PROPERTY OF MANITOWOC CRANES, INC. IT IS LOANED, SUBJECT TO RETURN UPON DEMAND, AND ON EXPRESS CONDITION THAT IT IS NOT TO BE COPIED OR USED DIRECTLY OR INDIRECTLY IN ANY MANNER DETRIMENTAL TO OUR INTERESTS.		TOLERANCE UNLESS OTHERWISE SPECIFIED: DECIMAL PLACES (1) PLACE 0.0 ±.12 ±.18 ±.05 (2) PLACE 0.00 ±.06 ±.12 ±.015 (3) PLACE 0.000 ±.006 ±.005 ±.002		MATERIAL MANITOWOC CRANES, INC. #81 LUFFING JIB RIGGING ASSEMBLY FOR MAXER	
DATE 12-20-99		PATTERN NO.		PRIVATE LABELING REQUIREMENT TO CONFORM TO ENGINEERING SPECIFICATION 6829103794 FOR COMPONENTS LISTED IN 68290-06-026	



BILL OF MATERIAL					ASSEMBLIES USED ON
QTY	ITEM NO.	DESCRIPTION	LOGS	MATERIAL	
STRUT RAISING PROCEDURE					
TO BE ASSEMBLED AND BLOCKED AS SHOWN IN VIEW "K". MAXER COUNTERWEIGHT TO JIB STRUT TOP AS SHOWN. TRUTS. PULLING AN ADDITIONAL 80 FT ON THE DEAD END AND PAYING OUT LUFFING HOIST WILL ALLOW MAIN STRUT TOP TO BE MOVED TO ERECTION POSITION VIEW "L". ASSEMBLE BACKSTAY STRAPS AND POSITION ITEMS 47 ACCORDING TO VIEW "A" SHEET 1 FOR ASSEMBLED BOOM LENGTH.					
MAIN STRUT HYDRAULIC ASSEMBLY TO BE FILLED AND PRESSURIZED WITH CYLINDERS RETRACTED AND ALL VALVES CLOSED. (CAUTION: IF VALVE V2 AND/OR VALVE V3 IS OPENED PREMATURELY, CYLINDERS WILL EXTEND CAUSING POSSIBLE DAMAGE TO STRUT STOPPAGE LUGS AND MAKING STRUT ERECTION DIFFICULT.)					
STRUT STOP TUBE ASSEMBLIES TO BE RETRACTED AND PINNED WITH PENDANT TO PREVENT TUBES FROM EXTENDING DURING ERECTION.					
ATTACH ASSIST CRANE TO LIFTING LINKS FROM MAIN STRUT ASSEMBLY WITH A 55T SCHACKLE. CONNECT PENDANTS TO MAIN STRUT TOP. RUN LOAD LINE DRUM 2 FROM SHEAVE. IN MAST OVER CENTER OF BOOM EQUALIZER TO LINK (SEE VIEW "L"). RAISE MAIN STRUT WHILE PAYING OUT LUFFING HOIST LINE. DO NOT RAISE MAXER COUNTERWEIGHT OFF BLOCKING. CONTROL HOIST SPEED BY WATCHING COUNTERWEIGHT ROCK ON BLOCKING. AFTER RAISING MAIN STRUT TO 35-45 DEGREES USE LOAD LINE TO PULL STRUT WHILE FOLLOWING WITH ASSIST CRANE.					
CONTINUE TO PAY OUT LUFFING HOIST LINE WHILE EASING MAIN STRUT OVER CENTER AND CONTINUE STRUT UNTIL STRUT STOP TUBE ASSEMBLIES CAN BE PINNED TO LUGS ON BOOM. BACKSTAY STRAPS MAY NEED TO BE GUIDED OUTSIDE OF BOOM.					
WITH LOWER STRUT STOP TUBE PINNED TO LUGS ON BOOM, REMOVE ERECTION PINS BETWEEN LOWER AND CENTER TUBES AND STOW IN HOLES PROVIDED. (CAUTION: DO NOT REMOVE ERECTION PINS BETWEEN CENTER TUBE AND UPPER TUBE AT THIS TIME.)					
REMOVE ASSIST CRANE FROM MAIN STRUT AND POSITION LOAD LINE BEHIND EQUALIZER. CARE MUST BE TAKEN DURING ERECTION TO PREVENT DAMAGE TO LOAD LINE.					
CONNECT BACKSTAY STRAPS AS REQUIRED. (NOTE: STRUT MAY HAVE TO BE RAISED SLIGHTLY TO EASE CONNECTION OF STRAPS.)					
LUFF UP TO RAISE MAIN STRUT UNTIL HOLES IN LOWER AND CENTER STRUT STOP TUBES ALIGN AND INSERT PINS.					
REMOVE PINS BETWEEN CENTER AND UPPER STRUT STOP TUBES AND STOW IN THE HOLES PROVIDED.					
LUFF UP WITH LUFFING HOIST LINE TO RAISE MAIN STRUT TO THE OPERATING POSITION (WHEN HOLES IN CENTER AND UPPER STRUT STOP TUBES ARE ALIGNED) AND INSERT PINS. REMOVE ERECTION PENDANT ON STRUT STOP AND STOW IN WORKING POSITION. (WARNING: FAILURE TO RELOCATE PENDANT WILL RESULT IN DAMAGE TO STRUT)					
DISCONNECT MAXER COUNTERWEIGHT FROM JIB STRUT TOP.					
LUFF UP ON LUFFING HOIST LINE TO BEGIN RAISE JIB STRUT.					
CONNECT JIB STRAPS, LINKS, SPREADER AND PINS AS REQUIRED WHILE RAISING JIB STRUT TO A MAXIMUM OF 70 DEGREES TO HORIZONTAL.					
ASSEMBLE JIB BUTT AND TWO INSERTS. USE A FOUR POINT HOOKUP WITH SLINGS AROUND CHORDS ATTACH TO BOOM TOP. APPLY TO THREADS LOCTITE #242 (MCC CODE NO. 822293) AND TORQUE CAPSCREWS ON KEEPER PLATES ITEMS 38 AND 39 TO 100 FT/LBS.					
PULL STRUT FORWARD AND CONNECT JIB STRAPS. FINISH ASSEMBLY OF JIB AND CONNECT STRAPS.					
SLOWLY OPEN VALVE V3 ON MAIN STRUT HYDRAULIC CONTROL MANIFOLD. (CAUTION: VALVE V1 AND V2 MUST REMAIN CLOSED FOR PROPER OPERATION.)					
ATTACH JIB STOP CLOSING LINKAGE IN PROPER HOLE FOR ASSEMBLED JIB LENGTH. (SEE VIEW "E"). WARNING: FAILURE TO LOCATE IN PROPER HOLE WILL RESULT IN DAMAGE TO STRUT OR FAIL TO CLOSE JIB STOP TO WORKING POSITION.					
LUFFING JIB IS READY FOR RAISING AND OPERATION.					
STRUT LOWERING PROCEDURE					
1. LOWER BOOM AND LUFFING JIB TO 155 DEGREES BETWEEN BOOM AND JIB. SEE VIEW "H".					
2. LUFF DOWN UNTIL JIB STRUT OPENS JIB STOP OR END OF STOP WILL CLEAR ABOVE PIN IN BOOM TOP. (SEE VIEW "F") THEN LOWER BOOM AND LUFFING JIB TO BLOCKING. DISCONNECT JIB STOP LINKAGE TO PREVENT DAMAGE TO JIB STRUT OR JIB STOP.					
3. DISCONNECT JIB STRAPS AND REMOVE JIB.					
4. LOWER JIB STRUT WITH LUFFING HOIST AND REMOVE STRAPS. SPREADER, LINKS AND PINS JIB STRUT MAY NEED TO BE PULLED FORWARD TO START LOWERING. SUPPORT JIB STRUT ON BLOCKING.					
5. TIE OFF JIB STRUT TOP TO 44,000 LBS. MAXER COUNTERWEIGHT AS SHOWN IN VIEW "L".					
6. LUFF DOWN WITH LUFFING HOIST TO ALLOW SLACK IN REEVING.					
7. SLOWLY OPEN VALVE V2 ON HYDRAULIC CONTROL MANIFOLD. BACKSTAY TENSION AND STRUT WEIGHT WILL FORCE STRUT STOP CYLINDERS TO RETRACT. WHEN FULLY RETRACTED CLOSE VALVE V2. VALVE V2 AND V3 MUST BE CLOSED TO PREVENT CYLINDERS FROM EXTENDING. REPOSITION STRUT STOP ERECTION PENDANT TO PREVENT CYLINDER FROM EXTENDING.					
8. LUFF UP WITH LUFFING HOIST TO TAKE LOAD OFF OF UPPER STRUT STOP PINS. REMOVE PINS AND LUFF DOWN TO LOWER MAIN STRUT. CONNECT UPPER STRUT TUBES TO CENTER STOP TUBE WITH ERECTION PINS. REMOVE LOWER STRUT STOP TUBES PINS. LUFF DOWN WITH LUFFING HOIST TO LOWER MAIN STRUT TO THE STRAP HOOK-UP POSITION. INSERT LOWER ERECTION PINS.					
9. DISCONNECT BACKSTAY STRAPS.					
10. ATTACH ASSIST CRANE TO LIFTING LINKS. WITH LINKS ATTACHED TO MAIN STRUT PENDANTS AND LOAD LINE FROM DRUM 2 RAISE LIFTING LINKS ABOVE MAIN STRUT TOP. LUFF UP AND LOWER HOIST LINE TO BRING MAIN STRUT OVER CENTER. DO NOT RAISE COUNTERWEIGHT OFF BLOCKING. LOWER MAIN STRUT TO JIB STRUT FOR DISASSEMBLY.					
SUPERSEDES 192589 OF 12-20-99					
					
PRIVATE LABELING REQUIREMENT TO CONFORM TO ENGINEERING SPECIFICATION 8829103794 FOR COMPONENTS LISTED IN 05500-05-035					

QTY		LOGS	ITEM NO.	DESCRIPTION	LOGS	MATERIAL
1		0001	1	Manitowoc Cranes, Inc.		
1		0002	2	Manitowoc, Wisconsin		
1		0003	3	MODEL 21000		
1		0004	4			
1		0005	5			
1		0006	6			
1		0007	7			
1		0008	8			
1		0009	9			
1		0010	10			
1		0011	11			
1		0012	12			
1		0013	13			
1		0014	14			
1		0015	15			
1		0016	16			
1		0017	17			
1		0018	18			
1		0019	19			
1		0020	20			
1		0021	21			
1		0022	22			
1		0023	23			
1		0024	24			
1		0025	25			
1		0026	26			
1		0027	27			
1		0028	28			
1		0029	29			
1		0030	30			
1		0031	31			
1		0032	32			
1		0033	33			
1		0034	34			
1		0035	35			
1		0036	36			
1		0037	37			
1		0038	38			
1		0039	39			
1		0040	40			
1		0041	41			
1		0042	42			
1		0043	43			
1		0044	44			
1		0045	45			
1		0046	46			
1		0047	47			
1		0048	48			
1		0049	49			
1		0050	50			
1		0051	51			
1		0052	52			
1		0053	53			
1		0054	54			
1		0055	55			
1		0056	56			
1		0057	57			
1		0058	58			
1		0059	59			
1		0060	60			
1		0061	61			
1		0062	62			
1		0063	63			
1		0064	64			
1		0065	65			
1		0066	66			
1		0067	67			
1		0068	68			
1		0069	69			
1		0070	70			
1		0071	71			
1		0072	72			
1		0073	73			
1		0074	74			
1		0075	75			
1		0076	76			
1		0077	77			
1		0078	78			
1		0079	79			
1		0080	80			
1		0081	81			
1		0082	82			
1		0083	83			
1		0084	84			
1		0085	85			
1		0086	86			
1		0087	87			
1		0088	88			
1		0089	89			
1		0090	90			
1		0091	91			
1		0092	92			
1		0093	93			
1		0094	94			
1		0095	95			
1		0096	96			
1		0097	97			
1		0098	98			
1		0099	99			
1		0100	100			
1		0101	101			
1		0102	102			
1		0103	103			
1		0104	104			
1		0105	105			
1		0106	106			
1		0107	107			
1		0108	108			
1		0109	109			
1		0110	110			
1		0111	111			
1		0112	112			
1		0113	113			
1		0114	114			
1		0115	115			
1		0116	116			
1		0117	117			
1		0118	118			
1		0119	119			
1		0120	120			
1		0121	121			
1		0122	122			
1		0123	123			
1		0124	124			
1		0125	125			
1		0126	126			
1		0127	127			
1		0128	128			
1		0129	129			
1		0130	130			
1		0131	131			
1		0132	132			
1		0133	133			
1		0134	134			
1		0135	135			
1		0136	136			
1		0137	137			
1		0138	138			
1		0139	139			
1		0140	140			
1		0141	141			
1		0142	142			
1		0143	143			
1		0144	144			
1		0145	145			
1		0146	146			
1		0147	147			
1		0148	148			
1		0149	149			
1		0150	150			
1		0151	151			
1		0152	152			
1		0153	153			
1		0154	154			
1		0155	155			
1		0156	156			
1		0157	157			
1		0158	158			
1		0159	159			
1		0160	160			
1		0161	161			
1		0162	162			
1		0163	163			
1		0164	164			
1		0165	165			
1		0166	166			
1		0167	167			
1		0168	168			
1		0169	169			
1		0170	170			
1		0171	171			
1		0172	172			
1		0173	173			
1		0174	174			
1		0175	175			
1		0176	176			
1		0177	177			
1		0178	178			
1		0179	179			
1		0180	180			
1		0181	181			
1		0182	182			
1		0183	183			
1		0184	184			
1		0185	185			
1		0186	186			
1		0187	187			
1		0188	188			
1		0189	189			
1		0190	190			
1		0191	191			
1		0192	192			
1		0193	193			
1		0194	194			
1		0195	195			
1		0196	196			
1		0197	197			
1		0198	198			
1		0199	199			
1		0200	200			
1		0201	201			
1		0202	202			
1		0203	203			
1		0204	204			
1		0205	205			
1		0206	206			
1		0207	207			
1		0208	208			
1		0209	209			
1		0210	210			
1		0211	211			
1		0212	212			
1		0213	213			
1		0214	214			
1		0215	215			
1		0216	216			
1		0217	217			
1		0218	218			
1		0219	219			
1		0220	220			
1		0221	221			
1		0222	222			
1		0223	223			
1		0224	224			
1		0225	225			
1		0226	226			
1		0227	227			
1		0228	228			
1		0229	229			
1		0230	230			
1		0231	231			
1		0232	232			
1		0233	233			
1		0234	234			
1		0235	235			
1		0236	236			
1		0237	237			
1		0238	238			
1		0239	239			
1		0240	240			
1		0241	241			
1		0242	242			
1		0243	243			
1		0244	244			
1		0245	245			
1		0246				

