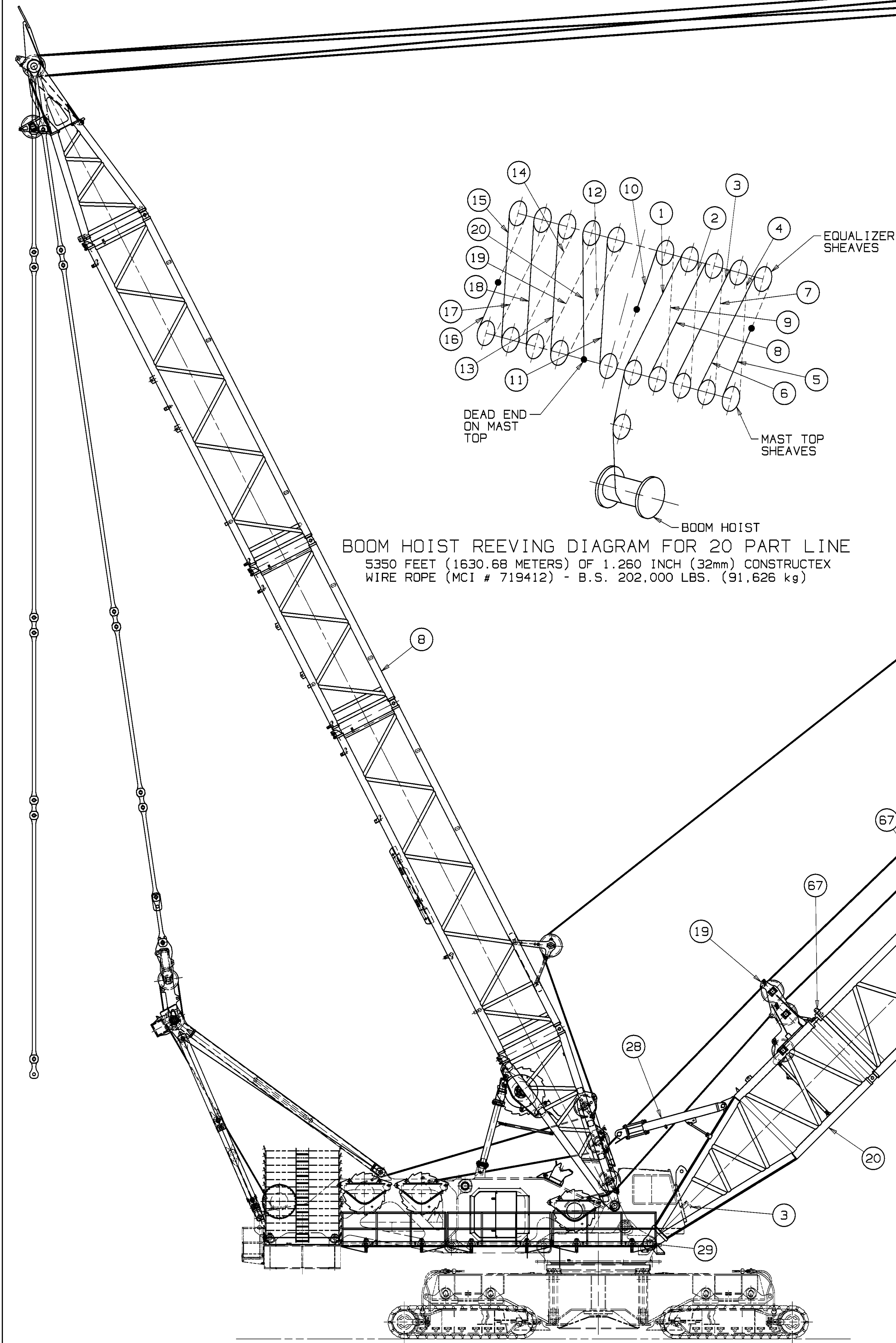
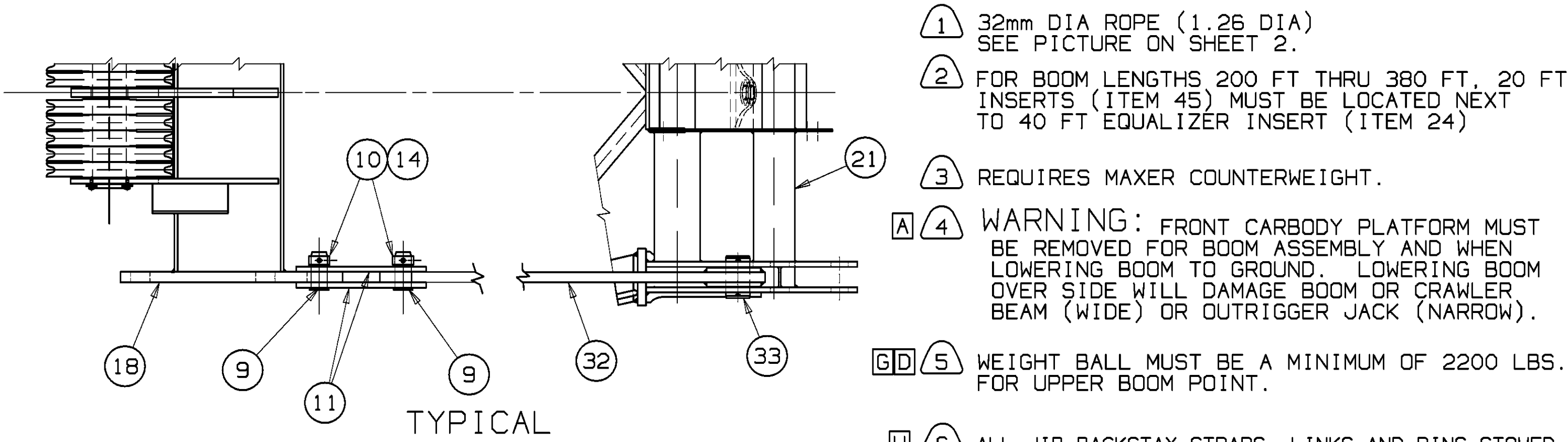


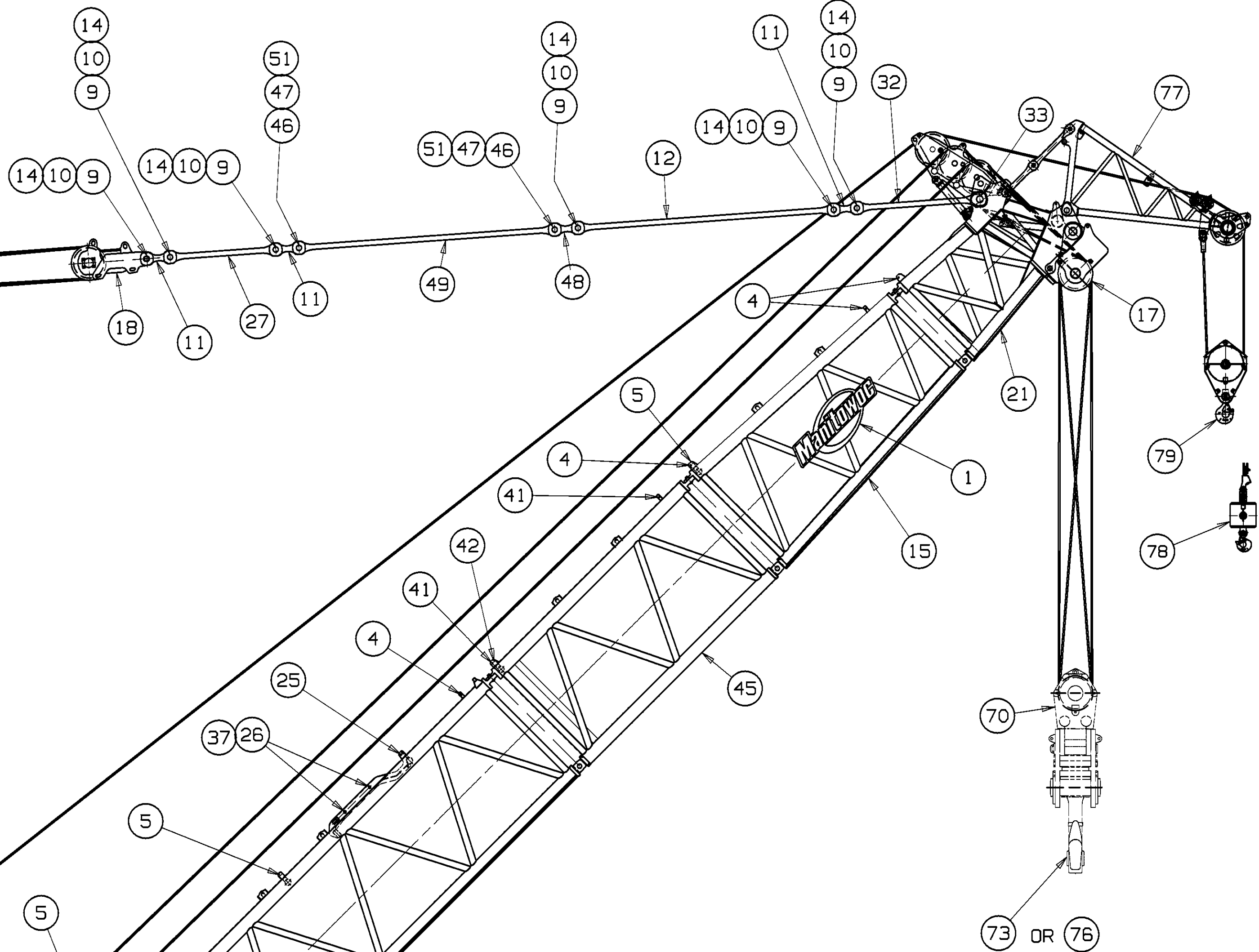
ADDITIONAL PARTS REQUIRED FOR VARIOUS BOOM LENGTHS												
ITEM NO.		45	58	68	49	62	41 OR 54	42.55 OR 67	48 OR 62	47 OR 60	51 OR 64	46 OR 59
BOOM LENGTH		20 FT 6.10 M INSERT	40 FT 12.19 M INSERT	40 FT 12.19 M INSERT	20 FT (6.10M) STRAP	40 FT (12.19M) STRAP	PIN	TIMBER	BOOM SUPPORT STRAP	COLLAR	PIN	PIN
FEET	METERS											
140 BASIC	42.7	0	0	1	0	0	0	2	0	0	0	0
160	48.8	1	0	1	0	0	0	3	0	0	0	0
180	54.9	0	0	2	0	0	0	4	0	0	0	0
200 (2)	60.9	1	0	2	2	0	4	5	4	4	4	4
220	67.1	OR 2 0	0 1	2 2	4 2	0 2	8 4	6 6	8 4	8 4	8 4	8 4
240	73.2	1	1	2	2	2	8	7	8	8	8	8
260	79.2	OR 2 0	1 2	2 2	4 0	2 4	12 8	8 8	12 8	12 8	12 8	12 8
280	85.3	1	2	2	2	4	12	9	12	12	12	12
300	91.4	OR 2 0	2 3	2 2	4 0	4 6	16 12	10 10	16 12	16 12	16 12	16 12
320	97.5	1	3	2	2	6	16	11	16	16	16	16
340	103.6	OR 2 0	3 4	2 2	4 0	6 8	20 16	12 12	20 16	20 16	20 16	20 16
360	109.7	1	4	2	2	8	20	13	20	20	20	20
380 (3)	115.8	OR 2 0	4 5	2 2	4 0	8 10	24 20	14 14	24 20	24 20	24 20	24 20



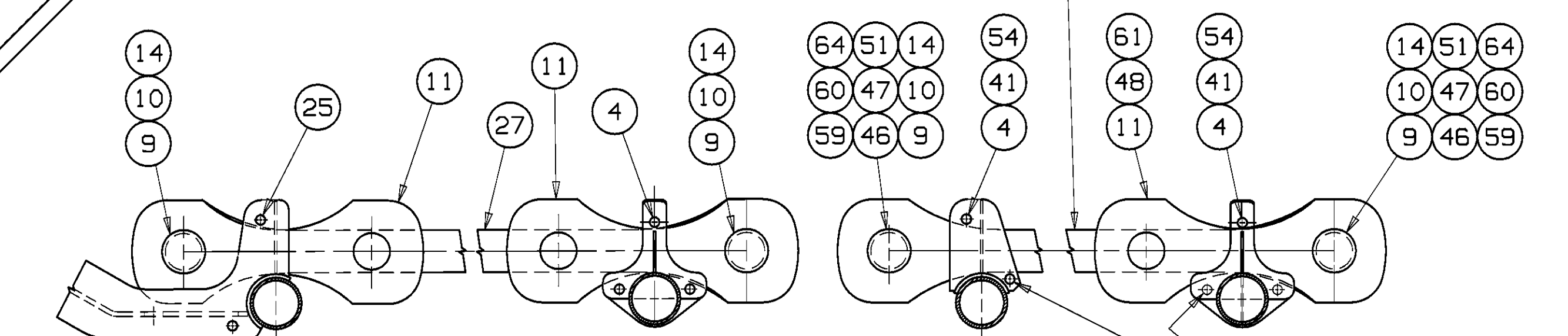
BOOM HOIST REEVING DIAGRAM FOR 20 PART LINE
5350 FEET (1630.68 METERS) OF 1.260 INCH (32mm) CONSTRUCTEX WIRE ROPE (MCI # 719412) - B.S. 202,000 LBS. (91,626 kg)



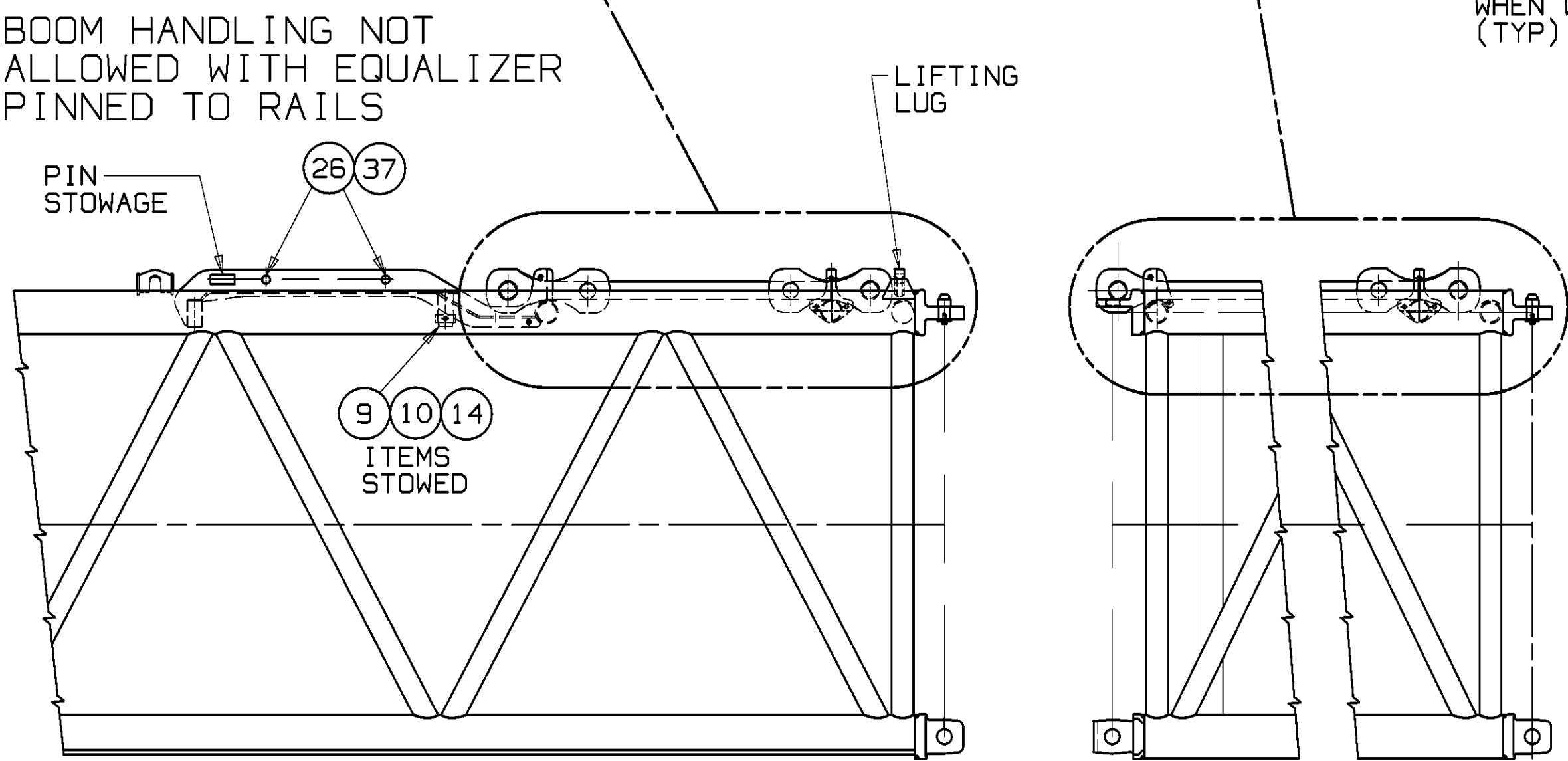
TYPICAL



200 FT BOOM SHOWN



CONNECTORS AND CHORD MEMBERS NOT SHOWN
STOWAGE LOCATION FOR 4, 41 OR 54 WHEN WORKING (TYP)



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

BILL OF MATERIAL				ASSEMBLIES USED ON	
ITEM NO.	DESCRIPTION	QUANTITY	MATERIAL	DATE	BY
1950-8000 BASIC BOOM 140 FT (42.7M)					
1	BOOM SIGN		A02735		
2					
3	BOOM ANGLE INDICATOR ASSEMBLY		168779		
4	PIN		175160		
5	TIMBER		178905		
6					
7					
8	MAST RIGGING ASSEM. 140 FT. #81 MAST		193778		
9	PIN		192595		
10	COLLAR		192596		
11	BOOM SUPPORT STRAP - 1FT 8.00		192597		
12	BOOM SUPPORT STRAP - 20FT 0.00		192598		
13					
14	PIN		192603		
15	20 FT TAPERED INSERT		192882		
16					
17	BOOM POINT ASSEMBLY		192968		
18	EQUALIZER ASSEMBLY		192970		
19	WIRE ROPE GUIDE ASSEMBLY - BOOM BUTT		192971		
20	30 FT BOOM BUTT		192987		
21	10 FT BOOM TOP		192988		
22					
23					
24	40 FT INSERT W/EQUALIZER RAILS		193259		
25	PIN		193276		
26	PIN		193277		
27	BOOM SUPPORT STRAP - 7 FT 6.88		193278		
28	BOOM STOP ASSEMBLY		193409		
29	PIN PULLER ASSEMBLY		193481		
30					
31					
32	BOOM SUPPORT STRAP - BASIC		193543		
33	PIN		193551		
34					
35					
36					
37	SNAP PIN		563803		
38					
39					
40					
1950-8010 20 FT INSERT (6.10M)					
41	PIN		175160		
42	TIMBER		178905		
43					
44					
45	20 FT INSERT		192575		
46	PIN		192595		
47	COLLAR		192596		
48	BOOM SUPPORT STRAP - 1FT 8.00		192597		
49	BOOM SUPPORT STRAP - 20FT 0.00		192598		
50					
51	PIN		192603		
52					
53					
1950-8020 40 FT INSERT (12.19M)					
54	PIN		175160		
55	TIMBER		178905		
56					
57					
58	40 FT INSERT		192576		
59	PIN		192595		
60	COLLAR		192596		
61	BOOM SUPPORT STRAP - 1FT 8.00		192597		
62	BOOM SUPPORT STRAP - 40FT 0.00		192599		
63					
64	PIN		192603		
65					
66					
1950-8030 40 FT INSERT (12.19M)					
67	TIMBER		178905		
68	40 FT INSERT		192576		
69					
OPTIONAL PARTS					
1950-8040 600T BLOCK W/O HOOK					
70	600T BLOCK ASSEMBLY W/O HOOK		236496	1	
71					
72					
1950-8050 600T HOOK ASSEMBLY					
73	600T HOOK ASSEMBLY		236497	1	
74					
75					
1950-8060 1000T HOOK ASSEMBLY					
76	1000T HOOK ASSEMBLY		236498	1	
1950-8070 UPPER BOOM POINT ASSEM					
77	UPPER BOOM POINT ASSEMBLY		193871		
9980-0070 UPPER BOOM POINT SINGLE PART LINE					
78	30T HOOK ASSEMBLY		A00816	5	
9990-0080 UPPER BOOM POINT TWO PART LINE					
79	45T HOOK ASSEMBLY		236503	5	

11-5-99

PATTERN NO.

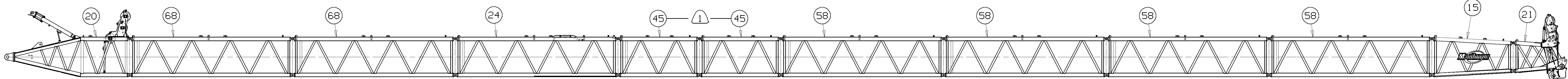
DATE

194413

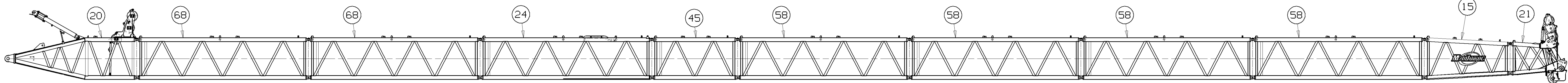
SHT 1 OF 2

BILL OF MATERIAL					ASSEMBLIES USED BY	
ITEM NO.	REV.	DESCRIPTION	LENGTH	MATERIAL	CODE NO.	OR DISC. NO.

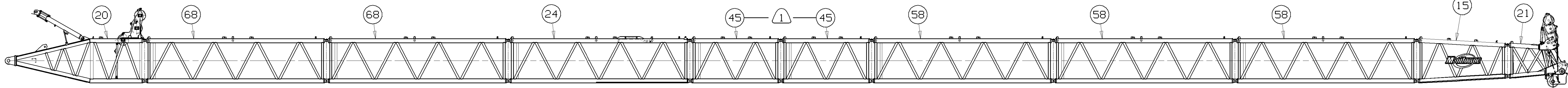
380 FT BOOM



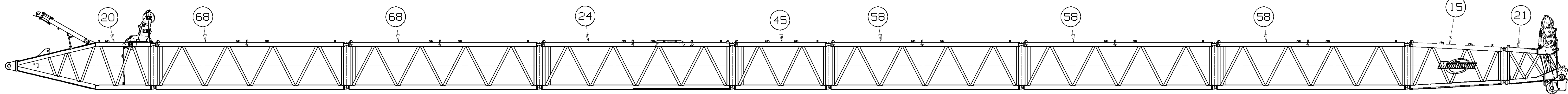
360 FT BOOM



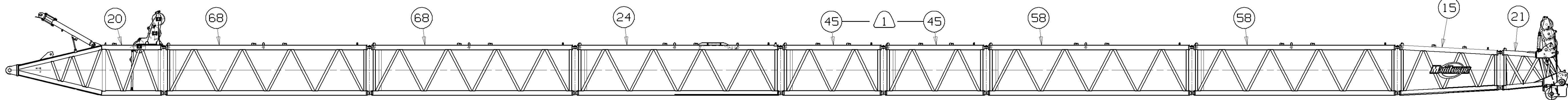
340 FT BOOM



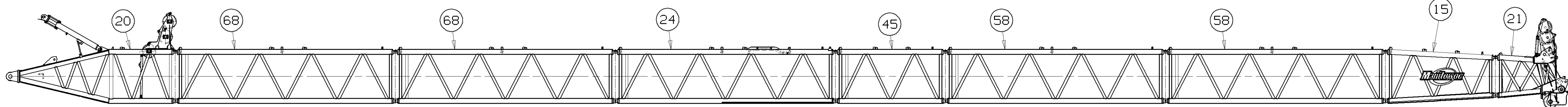
320 FT BOOM



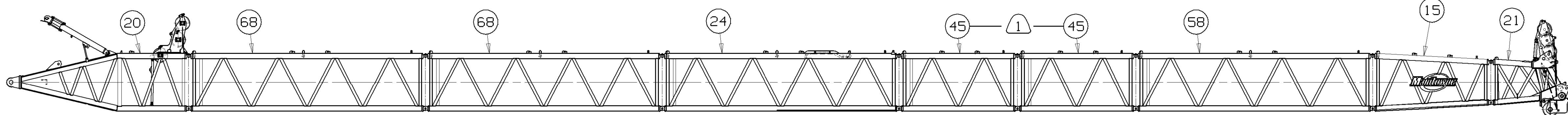
300 FT BOOM



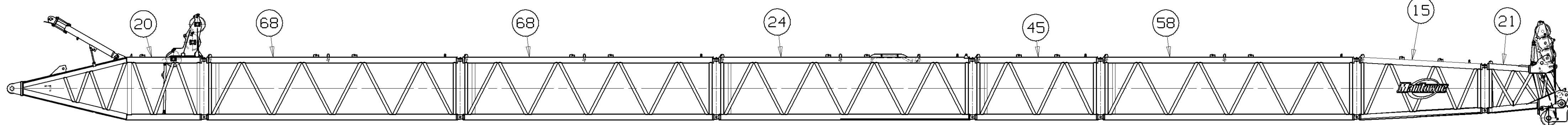
280 FT BOOM



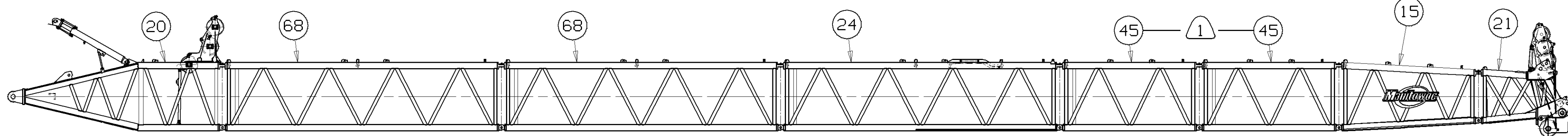
260 FT BOOM



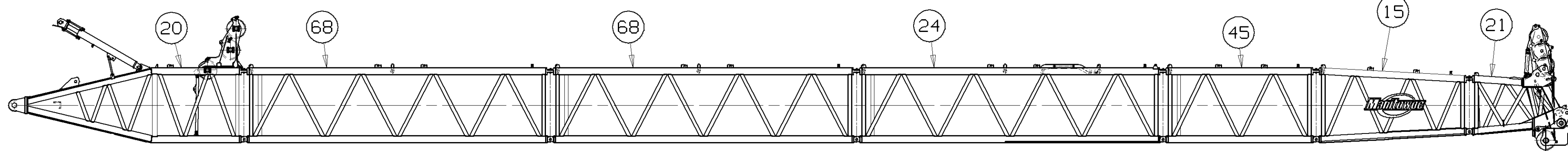
240 FT BOOM



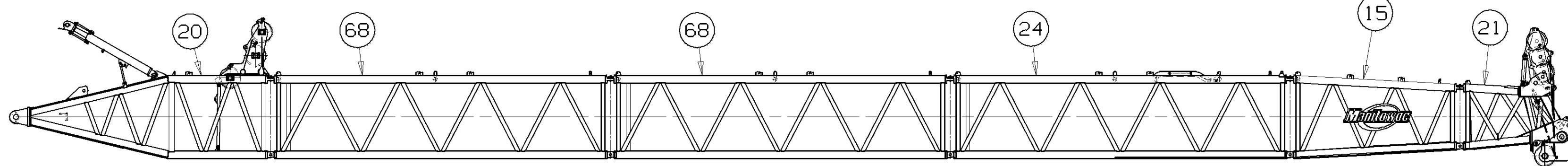
220 FT BOOM



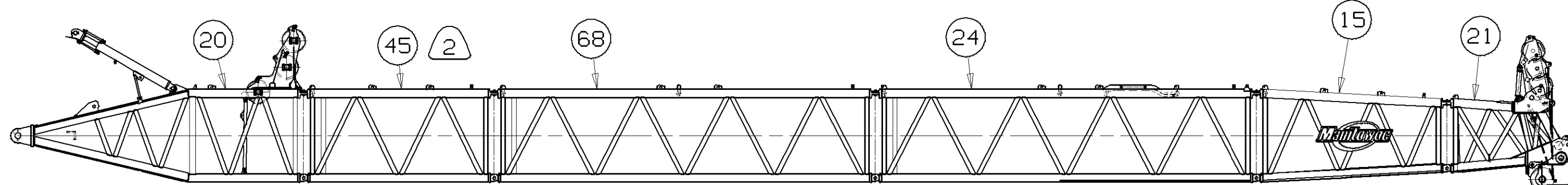
200 FT BOOM



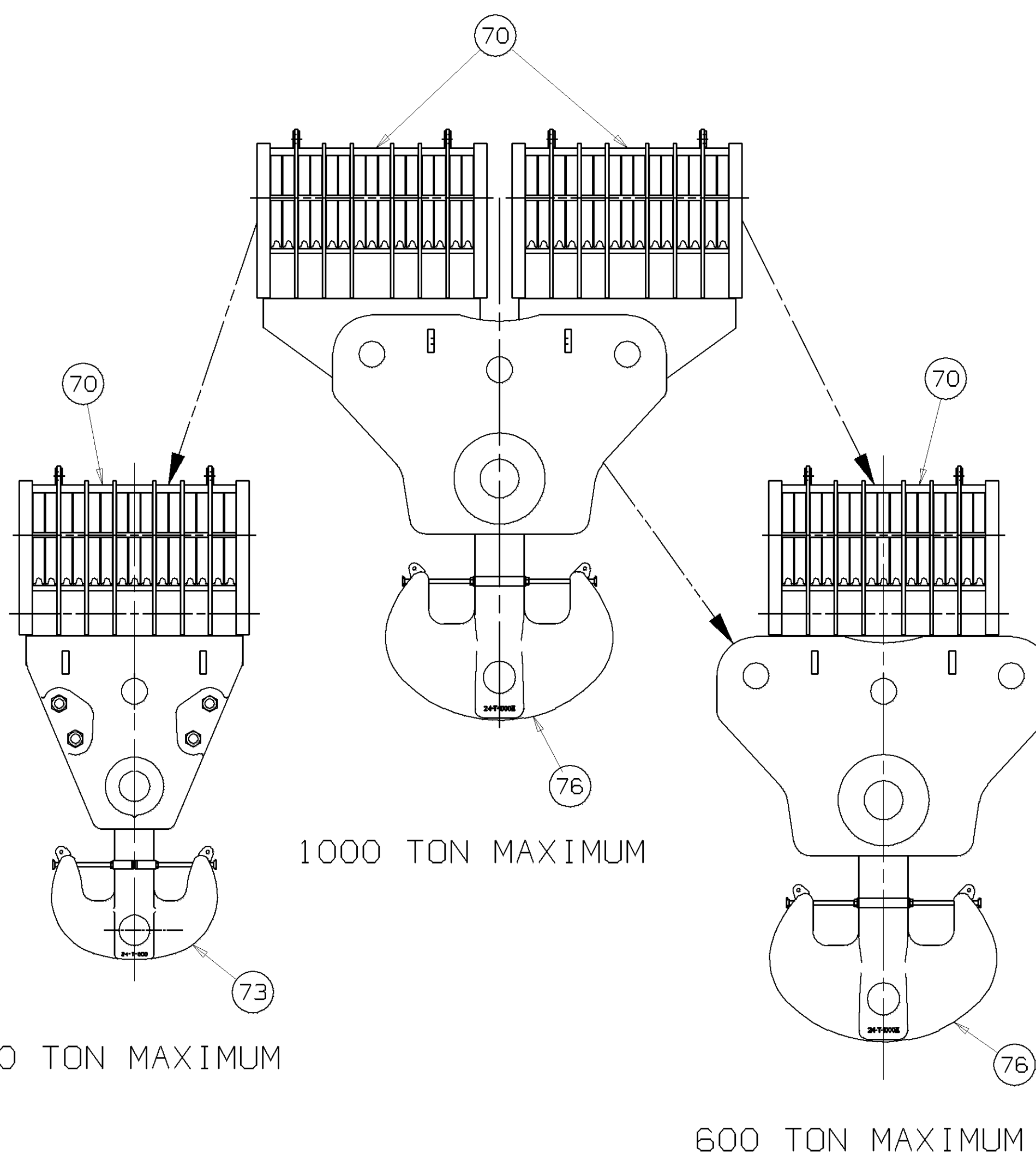
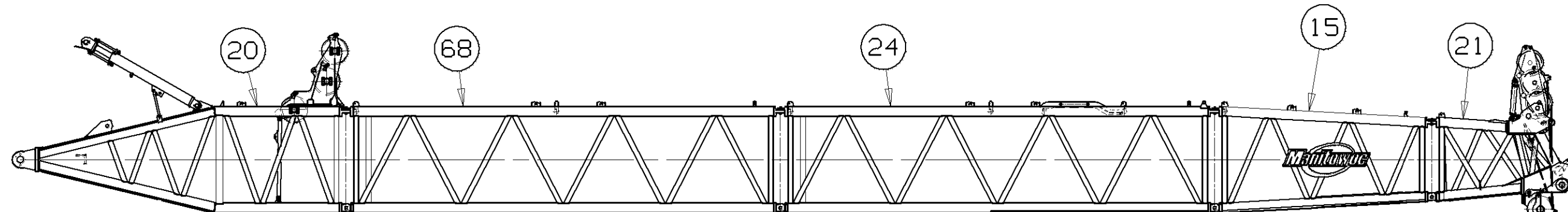
180 FT BOOM



160 FT BOOM



140 FT BOOM
(BASIC)



OPTIONAL BLOCK ASSEMBLY

RECOMMENDED BOOM ASSEMBLY

- 1 TWO 20 FT INSERTS MAY BE REPLACED BY ONE 40 FT INSERT (ITEM 58)
- 2 STRAPS IN STOWED POSITION

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DECIMAL PLACES	FABRICATION	MACHINING	WELDING	DR. CRP	MODEL 21000	DATE	11-5-99	ASSEMBLY	194413
(1) PLACE 0.0	± 1.50	± 1.00	± 0.05	OK. CRP	W/140 FT #81 MAST	DATE	11-5-99	ASSEMBLY	194413
(2) PLACE 0.00	± 0.00	± 1.20	± 0.05	APP. R.J.W.		DATE	11-5-99	ASSEMBLY	194413
(3) PLACE 0.000	± 0.000	± 1.000	± 0.005			DATE	11-5-99	ASSEMBLY	194413
ANGLES	± 1° 30'	± 1° 30'	± 1° 30'			DATE	11-5-99	ASSEMBLY	194413