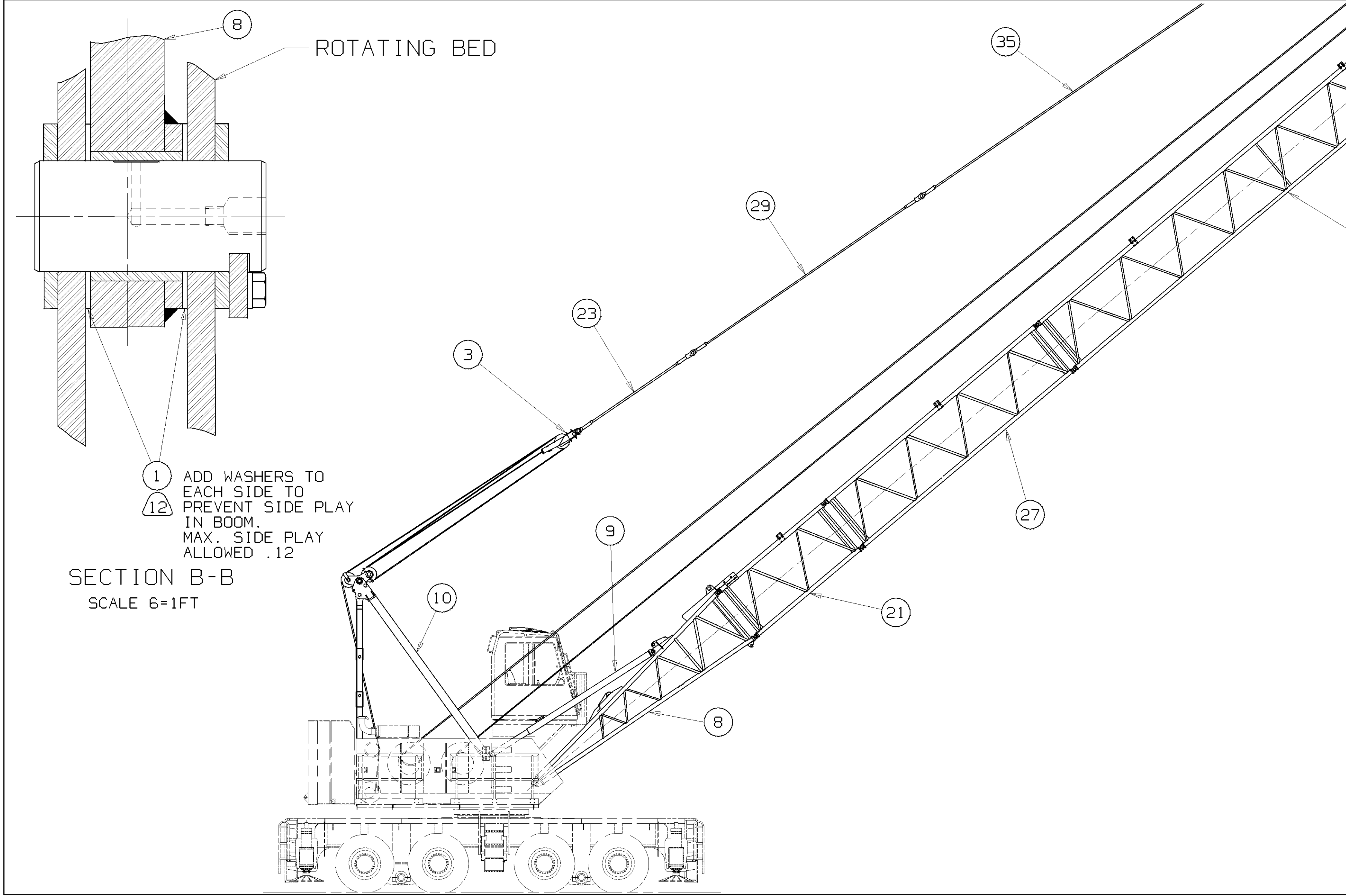
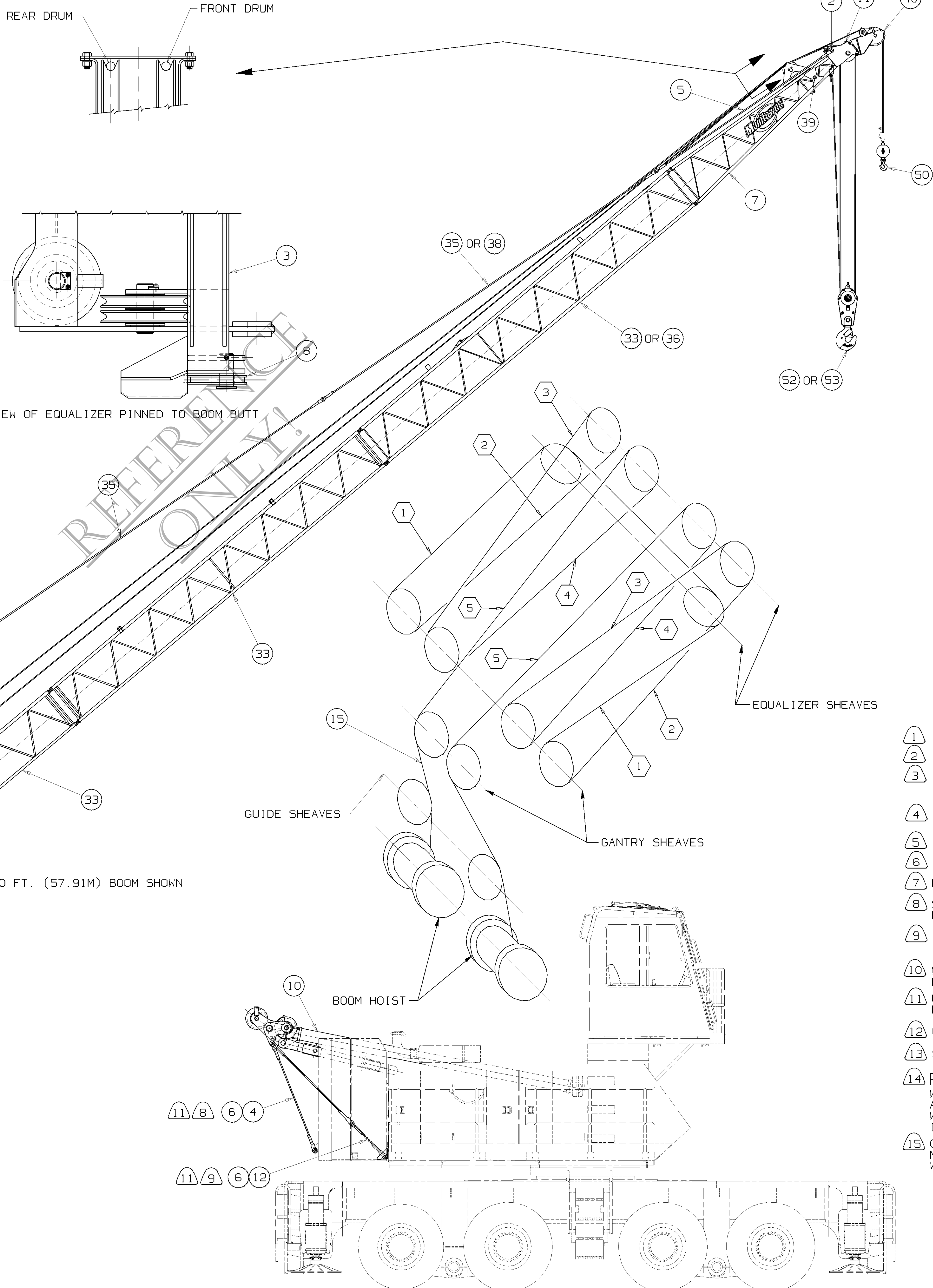


REQUIRED FOR VARIOUS BOOM LENGTHS											
ITEM NO.		(21)	(24)	(27)	(30)	(33)	(36)	(23) OR (26)	(29) OR (32)	(35) OR (38)	(43)
BOOM LENGTH 1 2 3 4 5 FEET METERS		10 FT (3.05 M) INSERT WITH JIB BACKSTAY	10 FT (3.05 M) INSERT WITH JIB BACKSTAY	20 FT (6.10 M) INSERT WITH JIB BACKSTAY	20 FT (6.10 M) INSERT WITH JIB BACKSTAY	40 FT (12.19 M) INSERT WITH JIB BACKSTAY	40 FT (12.19 M) INSERT WITH JIB BACKSTAY	PENDANT 10 FT. 3.05M	PENDANT 20 FT. 6.10M	PENDANT 40 FT. 12.19M	WIRE ROPE ROLLER GUIDE (OPT.)
40 BASIC 12.2		0	0	0	0	0	0	0	0	0	0
50 15.4		1	0	0	0	0	0	2	0	0	1
60 18.3	OR	2 0	0 0	0 1	0 0	0 0	0 0	4 0	0 2	0 0	2 1
70 21.3	OR	1 0	1 0	1 0	0 0	0 0	0 0	2 2	2 2	0 0	2 2
80 24.4	OR	2 2 0 0 0 0	0 0 0 0 0 0	1 0 1 0 0 2	0 1 0 0 0 0	0 0 0 1 0 0	0 0 0 0 1 0	4 4 0 0 0 0	2 2 0 4 0 4	0 0 0 2 0 2	3 3 2 2 2 2
90 27.4	OR	1 1 1 1 0	0 0 0 0 0	2 1 0 0 0	0 1 0 0 0	0 0 1 0 1	0 0 1 0 1	2 2 0 2 0	4 4 0 4 0	0 0 2 2 3	3 3 3 3 3
100 30.5	OR	2 2 0 0 0	0 0 0 0 0	0 0 1 0 1	0 0 0 1 0	0 1 0 0 0	0 1 0 1 0	4 4 0 2 0	0 0 2 2 2	2 2 3 3 3	4 4 3 3 3
110 33.5	OR	1 1 0 0 0	0 0 0 0 0	1 1 0 0 0	0 0 0 0 0	1 0 0 0 0	0 1 0 0 0	2 2 0 2 0	2 2 2 2 2	2 2 4 4 4	4 4 4 4 4
120 36.6	OR	2 2 0 0 0	0 0 0 0 0	1 0 0 0 0	0 0 0 0 0	1 0 0 0 0	0 0 0 0 0	4 4 0 0 0	2 2 0 4 0	2 2 4 4 4	5 4 4 4 4
130 39.6	OR	1 1 1 0	0 0 0 0	0 2 0 0	0 0 0 0	1 0 0 0	0 1 1 0	2 2 0 2	4 4 0 4	2 2 4 4	5 5 5 5
140 42.7	OR	2 2 0 0 0	0 0 0 0 0	0 0 1 0 1	0 0 0 0 0	2 1 0 1 1	0 1 0 1 1	4 4 0 2 0	0 0 2 2 2	4 4 4 4 5	6 6 5 5 5
150 45.7	OR	1 1 0 0 0	0 0 0 0 0	1 1 0 0 0	0 0 0 0 0	2 1 0 0 0	0 1 0 0 0	2 2 4 2 0	2 2 4 4 4	4 4 6 6 6	6 6 7 6 6
160 48.8	OR	2 2 0 0 0	0 0 0 0 0	0 2 0 0 0	0 0 0 0 0	2 0 0 0 0	0 0 0 0 0	4 4 0 0 0	2 4 4 4 4	4 4 6 6 6	7 6 6 6 6
170 51.8	OR	1 1 1 0	0 0 0 0	2 2 0 0	0 0 0 0	2 0 0 0	0 1 0 0	2 2 0 2	4 4 0 4	4 4 6 6	7 7 7 7
180 54.9	OR	2 2 0 0 0	0 0 0 0 0	0 0 1 0 0	0 0 0 0 0	3 2 0 0 0	0 1 0 0 0	4 4 0 2 0	0 0 6 6 6	6 6 7 7	8 8 7 7
190 57.9	OR	1 1 0 0 0	0 0 0 0 0	1 0 0 0 0	0 0 0 0 0	3 2 0 0 0	0 1 0 0 0	2 2 0 2 0	2 2 6 6 6	6 6 8 8	9 9 8 8
200 61.0	OR	2 2 0 0 0	0 0 0 0 0	1 0 0 0 0	0 0 0 0 0	2 0 0 0 0	0 1 0 0 0	4 4 0 0 0	2 4 4 4 4	6 6 8 8	9 8 8 8



BOOM HANDLING INSTRUCTIONS					SWING ALLOWED	
TRAVEL SPEED ON RUBBER NOT TO EXCEED 1/2 MPH (.223 M/s) WITH BOOM ANGLE AT 10° OR LESS					OUTRIGGERS RETRACTED ON RUBBER CTWTS INSTALLED	OUTRIGGERS EXTENDED AND SET - NO TRAVEL CTWTS INSTALLED
ATTACHMENT ARRANGEMENT	GANTRY POSITION	MAX. LENGTH OF BOOM HANDLED	BOOM MAKE UP	BOOM CONDITIONS OR LIMITATIONS		
EQUALIZER PINNED TO LUGS ON BOOM BUTT	UP	59 FT. (17.98M)	BUTT & INSERTS ONLY	CAN CANTILEVER 40 FT. OF INSERTS.	NO*	YES
	DOWN	59 FT. (17.98M)	BUTT & INSERTS ONLY	CAN CANTILEVER 40 FT. OF INSERTS.	NO*	YES
PENDANTS ATTACHED TO BOOM TOP	DOWN	80 FT. (24.38M) WITHOUT JIB	BUTT, INSERTS & TOP	LOAD BLOCK, HOOK AND WEIGHT BALL MAY BE SUSPENDED BELOW POINTS	YES*	YES
		70 FT. (21.34M) WITH JIB			YES*	YES
* MACHINE MUST BE FACING OVER END - TRAVEL ONLY (SWING NOT ALLOWED)						



BILL OF MATERIAL				
ITEM NO.	SEC. ITEM	DESCRIPTION	LENGTH IN	MATERIAL
CROSS NO. OF SEC. NO.				
BASIC BOOM 40 FT. (12.2M)				
1		WASHER		1253512
2		PIN		74079
3		EQUALIZER ASSEMBLY		912004
4		PENDANT		276938
5		PENDANT - BASIC (21.0 FT) (6.4M)		A083016
6		PIN, SNAP		56382311
7		BOOM TOP ASSEMBLY		911207
8		BOOM BUTT ASSEMBLY		195084
9		BOOM STOP ASSEMBLY		912307
10		GANTRY ASSEMBLY		195166
11		WIRE ROPE TIMBER GUARD ASSEMBLY		168494
12		PENDANT		2775129
13				
14				
15		WIRE ROPE .625 X 430' (131.06 M) LG		A0012115
16				
17				
18				
19				
20				
INSERT 10 FT (3.05M)				
21		INSERT 10 FT (3.05M)		910840
22				
23		PENDANT 10 FT (3.05M)		2768976
INSERT 10 FT (3.05M) W/JIB BACKSTAY				
24		INSERT 10 FT (3.05M)		910841
25				
26		PENDANT 10 FT (3.05M)		2768976
INSERT 20 FT (6.10M)				
27		INSERT 20 FT (6.10M)		910838
28				
29		PENDANT 20 FT (6.10M)		2768986
INSERT 20 FT (6.10M) W/JIB BACKSTAY				
30		INSERT 20 FT (6.10M)		910839
31				
32		PENDANT 20 FT (6.10M)		2768986
INSERT 40 FT (12.19M)				
33		INSERT 40 FT. (12.19M)		910836
34				
35		PENDANT 40 FT (12.19M)		2769356
INSERT 40 FT (12.19M) W/JIB BACKSTAY				
36		INSERT 40 FT (12.19M)		910837
37				
38		PENDANT 40 FT (12.19M)		2769356
OPTIONAL ASSEMBLY LIST				
39		UNIV. WIRE ROPE ANCHOR JOINT ASS.Y		16693610
40		UPPER BOOM POINT ASSEMBLY		9111037
41				
42				
43		WIRE ROPE ROLLER GUIDE ASSEMBLY		16476613
44				
45				
46				
47				
48				
49				
50		HOOK AND WEIGHT BALL 12 TON		970120
51				
52		BLOCK HOOK 60 TON 3 SHEAVE		A07594
53		BLOCK HOOK 100 TON 5 SHEAVE		A07890

- 1 MAXIMUM NUMBER OF 10 FT (3.05 M). INSERTS = 2.
- 2 MAXIMUM NUMBER OF 20 FT (6.10 M). INSERTS = 2.
- 3 COMBINATION OF 10 FT (3.05 M). AND 20 FT (6.10 M). INSERTS CANNOT EXCEED 2-10 FT (3.05 M). + 1-20 FT (6.10 M) OR 1-10 FT. (3.05 M) + 2-20 FT. (6.10 M).
- 4 STARTING WITH THE BOOM BUTT, INSERTS MUST BE INSTALLED IN ORDER OF ASCENDING LENGTH.
- 5 MINIMUM BOOM LENGTH REQUIRED FOR JIB = 70 FT. (21.34M)
- 6 ON DRAWING 77535.
- 7 FOR .875 WIRE ROPE.
- 8 SEE VIEW "C". REQUIRED FOR BOOM HANDLING.
- 9 SEE VIEW "C". REQUIRED FOR GANTRY TIE-DOWN W/O COUNTERWEIGHTS INSTALLED.
- 10 WIRE ROPE ANCHOR JOINT ASSEMBLY MUST BE REMOVED WHEN USING MULTIPLE PARTS OF LINE.
- 11 USED TO REPLACE PENDANT PIN COTTER PIN FOR PENDANT 276938 AND 277512.
- 12 QUANTITY AS REQUIRED.
- 13 SEE TABLE FOR QUANTITY REQUIRED.
- 14 RIGGING AND HANDLING NOTE!
WITH GANTRY DOWN AND BOOM BUTT ONLY ATTACHED TO MACHINE, BRAKE GUARD(S) (IF REQUIRED) WILL BE DAMAGED IF BUTT SECTION CENTERLINE IS NOT HORIZONTAL OR ABOVE.
- 15 0.625 CONSTRUCTEX RIGHT HAND REGULAR LAY MINIMUM BREAKING STRENGTH 51,000 LBS. WEIGHT - 0.86 LBS./FT

VIEW C

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