

INSERT ASSY'S REQ'D. FOR VARIOUS BOOM LENGTHS							
ITEM NO.		(15)	(19)	(1)	(20)	(2)	(23)
BOOM LENGTH		20 FT 6.10 M INSERT ASSEMBLY #55 BOOM	40 FT 12.19 M INSERT ASSEMBLY #55 BOOM WITHOUT STRAPS	40 FT 12.19 M INSERT ASSEMBLY #55 BOOM WITH SHEAVES	20 FT 6.10 M INSERT ASSEMBLY #79 BOOM	40 FT 12.19 M INSERT ASSEMBLY #79 BOOM	INTERMEDIATE SUSPENSION (3)
FEET METERS							REQUIRED
120	36.6	1	0	0	0	0	N
140	42.7	0	1	OR 1	0	0	N
160	48.8	1	1	OR 1	0	0	N
180	54.9	1	1	OR 1	1	0	N
200	60.9	1	1	OR 1	0	1	N
220	67.1	1	1	OR 1	1	1	N
240	73.2	1	1	OR 1	0	2	N
260	79.2	1	1	OR 1	1	2	N
280	85.3	1	1	OR 1	0	3	N
300	91.4	1	1	OR 1	1	3	N
320	97.5	1	1	OR 1	0	4	N
340	103.6	1	1	OR 1	1	4	N
360	109.7	1	1	OR 1	0	5	Y
380	115.8	1	1	OR 1	1	5	Y
400	121.9	1	1	OR 1	0	6	Y

- (14) 81005706 CAN BE USED IN PLACE OF A05460.
81005693 CAN BE USED IN PLACE OF A16449.
- (15) 81007957 REQUIRED WITH INTERMEDIATE SUSPENSION. TO BE SHIPPED AS A LOOSE ITEM CONTAINING PARTS FOR THE INTERMEDIATE SUSPENSION.
- (16) 81007957 REQUIRED WITH EXTENDED UPPER POINT. TO BE SHIPPED AS A LOOSE ITEM CONTAINING PARTS FOR THE EXTENDED UPPER POINT.
- (17) BUTT 20 FT I.D. TAG #A05447 OR A13195.
- (18) INSERT 10 FT I.D. TAG #A05448 OR 81010441.
- (19) INSERT 40 FT TRANSITION I.D. TAG #A05459 OR 81019351.
- (20) TOP 30 FT I.D. TAG #A05460 OR A16449 (SEE DELTA 12) OR 81005706 (SEE DELTA 14) OR 81005693 (SEE DELTA 14).
- (21) INSERT 20 FT I.D. TAG #A05449 OR 81010341.
- (22) INSERT 40 FT I.D. TAG #A05450 OR 81010349.
- (23) INSERT 40 FT W/SHEAVES I.D. TAG #A05451 OR A17124 OR 81010350.
- (24) INSERT 20 FT I.D. TAG #193412 OR 81010353.
- (25) INSERT 40 FT I.D. TAG #193413 OR 81010396.
- (26) OPTIONAL CAT WALKS. QTY 1 CAT WALK ASSY PER BOOM SECTION ASSY REFERENCE BOOM SECTION ASSEMBLY FOR TIMBER REQUIREMENTS
- | BOOM SECTION ASSY | OPTIONAL CAT WALK ASSY |
|-------------------|------------------------|
| A05403 | 81016912 |
| A05400 | 81016918 |
| A05401 | 81016917 |
| A05383 | 81016906 |
| A05385, A05387 | 81016907 |
| 194086 | 81016910 |
| 194087 | 81016911 |
- (27) OPTIONAL CAT WALK ASSEMBLY 81018755 REQUIRED FOR BOOM BUTT ASSY A05403 FOR MACHINES WITHOUT AUX DRUM.
- FB3 (28) 81007957 REQUIRED WITH EXTENDED UPPER POINT #58WA TO BE SHIPPED AS A LOOSE ITEM CONTAINING PARTS FOR THE EXTENDED UPPER POINT.

- FB3 (27) OPTIONAL CAT WALK ASSEMBLY 81018755 REQUIRED FOR BOOM BUTT ASSY A05403 FOR MACHINES WITHOUT AUX DRUM.
- FB3 (28) 81007957 REQUIRED WITH EXTENDED UPPER POINT #58WA TO BE SHIPPED AS A LOOSE ITEM CONTAINING PARTS FOR THE EXTENDED UPPER POINT.

BILL OF MATERIAL						ASSEMBLIES USED IN
QTY REQD	REV	DESCRIPTION	UOM	MATERIAL	DATE OR ELEM. NO.	
BOOM RIGGING ASSEMBLY						
1	1	MAST ASSEMBLY		A04342		
2	1	EQUALIZER ASSEMBLY		A06258		
3	1	20 FT BUTT ASSEMBLY - #55 BOOM		A05403	10,17,26	
4	1	10 FT INSERT ASSEMBLY #55 BOOM		A05381	18	
5	1	40 FT TRANSITION INSERT ASSEMBLY		A05400	19,26	
6	1	#79A BOOM TOP ASSEMBLY		A05401	12,14,20,26	
7						
8						
9						
10						
11						
12						
13						
14						

NO. REQ'D FOR THE FOLLOWING ARE IN THE TABLE			
15	20 FT INSERT ASSEMBLY #55 BOOM	A05383	21,26
16			
17			
18			
19	40 FT INSERT ASSEMBLY #55 BOOM	A05385	1,22,26
20	40 FT INSERT ASSEMBLY #55 BOOM	A05387	2,23,26
21			
22			
23	20 FT INSERT ASSEMBLY #79 BOOM	194086	24,26
24	40 FT INSERT ASSEMBLY #79 BOOM	194087	25,26
25			

OPTIONAL PARTS			
26	1	UPPER BOOM POINT ASSEMBLY	170419
27	1	UPPER BOOM POINT ASSEMBLY	A08516
28	1	BOOM ASSEMBLY LADDER STORAGE	81011123
29	1	BOOM POINT UPPER ASSY EXTENDED #55/79A BM	A15946
30	1	PARTS BOX FOR PART STORAGE	81007957
31	1	CAT WALK ASSY 20 FT #55 BOOM BUTT	81016912
32	1	CAT WALK ASSY 40 FT #55/79A INSERT TRANSITION	81016918
33	1	INTERMEDIATE SUSPENSION BOOM ASSY	A07390
34	1	PARTS BOX FOR PART STORAGE	81007957
35	1	CAT WALK ASSY 30 FT #79A TOP	81016917
36	1	CAT WALK ASSY 20 FT #55 INSERT	81016906
51	1	CAT WALK ASSY 40 FT #55 INSERT	81016907
52	1	CAT WALK ASSY 20 FT #79 INSERT	81016910
53	1	CAT WALK ASSY 40 FT #79 INSERT	81016911
54	1	CAT WALK ASSY 20 FT #55 BUTT W/D DRUM	81018755
55	1	PARTS BOX FOR PART STORAGE	81007957
56	1	POINT ASSY EXT UPPER #58WA	81009978

BLOCK AND WEIGHT BALL OPTIONS			
37	1	500T HOOK ASSEMBLY	A07773
38	1	450T HOOK ASSEMBLY	A07752
39	1	350T HOOK ASSEMBLY	A08833
40	1	100T HOOK ASSEMBLY	236505
41	1	HOOK 30T SWIVEL ASSEMBLY	A00816
42	1	WEIGHT BALL SWIVEL 30T	A00036
43	1	250MT HOOK ASSEMBLY	A14753
44	1	450MT HOOK ASSEMBLY	A14754
45	1	BLOCK HOOK 45 TON	236503
46			
47			
48	1	BLOCK 100MT 3 SHEAVE	A17748
49	1	BLOCK 200 TON DUPLEX HOOK	81015924
50			

- (1) PLAIN INSERT
- (2) WIRE ROPE GUIDE PARTS IN THIS INSERT ARE REQ'D FOR LUFFING JIB ONLY BUT MAY REMAIN IN PLACE WHEN USING INSERT WITH THIS ASSEMBLY.
- (3) SEE SHEET 2 AND 3
- (4) INTERMEDIATE SUSPENSION 360 FT BOOM
- (5) INTERMEDIATE SUSPENSION 380 FT BOOM
- (6) INTERMEDIATE SUSPENSION 400 FT BOOM
- (7) PIN R4 (179863) ON ITEM 6, ITEM 23 OR ITEM 24 STOWS IN PLACE OF R20 (A06944) ON ITEM 5 IN THE WORKING CONDITION
- (8) JIB ADAPTER AND ALL JIB BACKSTAY STRAPS, LINKS AND PINS STOWED WITH INSERTS AND BOOM TOP MUST BE REMOVED FOR USE WITH THIS ASSEMBLY
- (9) USE FOR 2 PART LINE ON UPPER BOOM POINT. ALSO USED FOR MACHINE ASSEMBLY WITH 30 FT LIVE MAST. FOR 28 mm ROPE ONLY
- (10) A13195 CAN BE USED IN PLACE OF A05447.
- (11) WEIGHT BALL A00036 PART OF ITEM 41 (A00816). LINKS ARE SHOWN ON DRAWING A15946.
- (12) A16449 REPLACES A05460 WHEN THE EXTENDED UPPER BOOM POINT IS USED.
- (13) BOOM POINT ASSEMBLY MUST BE REMOVED FROM BOOM TOP WHEN EXTENDED UPPER BOOM POINT IS USED. REFER TO EXTENDED UPPER BOOM POINT CAPACITY CHART FOR SPECIFIC BOOM COMBINATIONS AND CONDITIONS.

PRIVATE LABELING
REQUIREMENT TO
CONFORM TO
ENGINEERING
SPECIFICATION
8629103794 FOR
COMPONENTS LISTED
IN 09-01-06-026

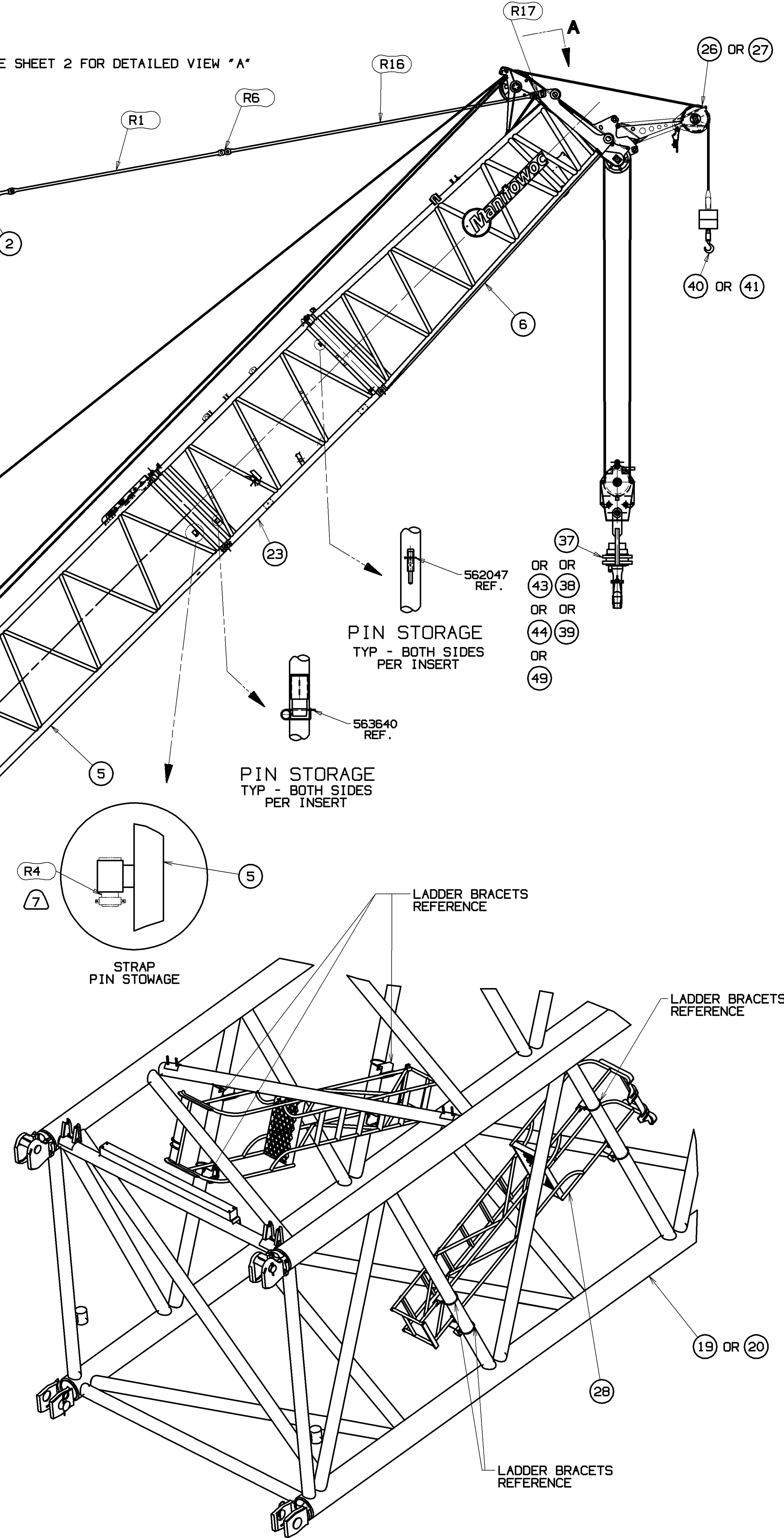
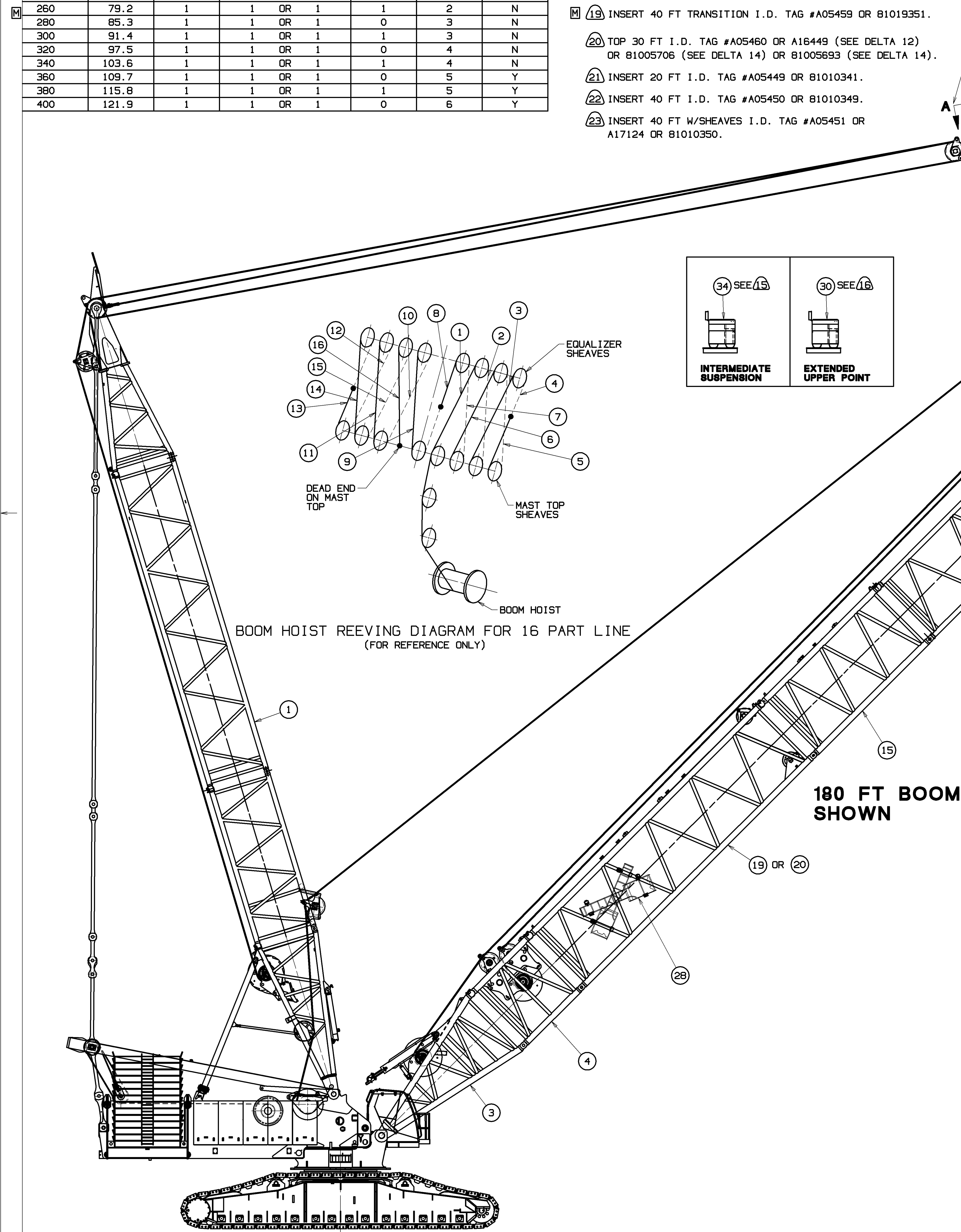
DATE
03-01-10

REV. LVL.
FB

BOOM ASSY

#55/79A W/100FT MAST

A05379



SECURE LADDER IN BRACKETS FOR STOWING AND SHIPPING

SUPERSEDES A05379 SHEET 1 OF 3 OF 09-14-09

TOLERANCE UNLESS OTHERWISE SPECIFIED			
DECIMAL PLACES	FRACTION	INCHES	MILLIMETERS
(1) PLACE 0.0	±.12	±.005	±.13
(2) PLACE 0.00	±.006	±.002	±.15
(3) PLACE 0.000	±.0005	±.0005	±.013
ANGLES	±1°	±30'	±90°

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DATE
12-11-10

REV. LVL.
FB

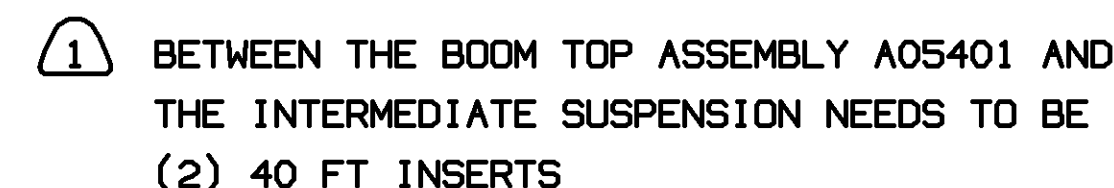
BOOM ASSY

#55/79A W/100FT MAST

A05379

DO NOT SCALE THIS DRAWING

SH 1 OF 3



DWG. NO.
A0537
SH 3 OF

	FB

Doc. No.
A0537

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	DECIMAL PLACES	FABRICATION	MACHINING	DR: CRJ		
	(1) PLACE 0.0	± .12 ± .10	± .03	CRP		
	(2) PLACE 0.00	± .06 ± .12	± .015	MODEL 18000		
	(3) PLACE 0.000	± .008 ± .008	± .005	APP BLS		