

ITEM NO.		(18) (3)	(19) (3)	(20)	(22)	(23) (6)	(25)	(26) (10)
BOOM LENGTH		20 FT 6' 10" M INSERT ASSEMBLY #55 BOOM WITHOUT STRAPS	20 FT 6' 10" M INSERT ASSEMBLY #55 BOOM WITH STRAPS	40 FT 12' 19" M INSERT ASSEMBLY #55 BOOM WITH STRAPS	40 FT 12' 19" M INSERT ASSEMBLY #55 BOOM WITHOUT STRAPS	40 FT 12' 19" M INSERT ASSEMBLY #55 BOOM WITH SHEAVES	40 FT 12' 19" M INSERT ASSEMBLY #55 BOOM (MEDIUM)	40 FT 12' 19" M INSERT ASSEMBLY #55 BOOM (MEDIUM) W/BKSTY STRAP BRKTS
FEET	METERS							
120	42.7	1	0	0	1	0	0	0
140	42.7	0	0	0	1	OR 1	0	0
160	48.8	1	0	0	1	OR 1	0	0
180	54.9	1	1	0	1	OR 1	0	0
200	60.9	1	0	1	1	OR 1	0	0
220	67.1	1	1	1	1	OR 1	0	0
240	73.2	1	0	2	1	OR 1	0	0
260	79.2	1	1	2	1	OR 1	0	0
280	85.3	1	0	3	1	OR 1	0	0
300	91.4	1	1	3	1	OR 1	0	0
320	97.5	1	0	3	1	OR 1	1	OR 1



(13) INSERT 40 FT ASSY A1721 MAY BE USED IN PLACE OF A05387.

(14) BUTT 20 FT I.D. TAG #A05447 OR A13195.

(15) INSERT 10 FT I.D. TAG #A05448 OR 81010441.

(16) INSERT 20 FT I.D. TAG #A05449 OR 81010341.

(17) INSERT 40 FT I.D. TAG #A05450 OR 81010349.

(18) INSERT 40 FT W/SHEAVES I.D. TAG #A05451 OR A17124 OR 81010350.

(19) INSERT 40 FT W/EQUALIZER RAILS I.D. TAG #A05454 OR 81010351 OR 81019361.

(20) INSERT 40 FT (MEDIUM) I.D. TAG #A05452 OR 81010352.

(21) TOP 30 FT I.D. TAG #A05453.

(22) TOP 30 FT I.D. TAG #A08897 OR 81010649.

(23) INSERT 40 FT (MEDIUM) W/BACKSTAY STRAP BRACKETS I.D. TAG #A10034.

(24) REFERENCE ITEMS SHOWN FOR PINNING BOOM STRAPS. SEE SHEET 3 FOR REF B/M AND PINNING SEQUENCE.

(25) OPTIONAL CAT WALK ASSY
QTY 1 CAT WALK ASSY PER BOOM SECTION ASSY
REFERENCE BOOM SECTION ASSY FOR TIMBER REQUIREMENTS

BOOM SECTION ASSY	OPTIONAL CAT WALK ASSY
A05403	81016912
A05391	81016914
A05393, A08899	81016913
A05383, A07118	81016906
A07119, A05385	81016907
A05387, A05389	
A10051	

(26) OPTIONAL CAT WALK ASSY 81018755 IS REQUIRED FOR BOOM BUTT ASSY A05403 FOR MACHINES WITHOUT AUX DRUM.

(27) 81019338 CAN BE USED IN THE PLACE OF A05616.

(28) 84026888 CAN BE USED IN PLACE OF A05391.

- (1) SEE CHART FOR NO. REQ'D.
- (2) USE FOR 2 PART LINE ON UPPER BOOM POINT.
ALSO USED FOR MACHINE ASSEMBLY WITH 30 FT
LIVE MAST. CAN BE USED WITH 28mm ROPE ONLY.
- (3) MAXIMUM NO. OF 20 FT (6.10 M) INSERT
ASSEMBLIES = 2.
- (4) SEE SHEET 3 FOR BOOM MAKEUP
- (5) SEE (1) AND (3)
- (6) REQD FOR LUFFING JIB PREP.
WIRE ROPE GUIDE PARTS IN THIS INSERT ARE
REQUIRED FOR LUFFING JIB ONLY, BUT MAY
REMAIN IN PLACE WHEN USING INSERT WITH
THIS ASSEMBLY.
- (7) SEE (1) AND (6)
- (8) ALL JIB BACKSTAY STRAPS, LINKS AND PINS
STOWED WITH INSERTS AND BOOM TOP MUST BE
REMOVED FOR USE WITH THIS ASSEMBLY.
- (9) 320 FT. BOOM LENGTH REQUIRES A 40 FT.
MEDIUM INSERT ADJACENT TO THE #55 OR
#55A BOOM TOP.
- (10) THIS INSERT IS NORMALLY REQUIRED FOR
MACHINES WITH 140 FT. MAST AND CERTAIN
BOOM/FIXED JIB OR LUFFING JIB COMBINATIONS.
SEE CHART FOR NO. REQUIRED.
- (11) TOP 30 FT WELDMENT #55A BOOM MOD A12934
REPLACES A08999 WHEN CCTV ASSY BOOM TOP
A13195 IS USED.
- (12) A13195 CAN BE USED IN PLACE OF A05447.

SHT 1 OF 3

BILL OF MATERIAL					ASSEMBLIES USED ON
QTY	UOM	DESCRIPTION	QTY	MATERIAL	

REVISIONS

DWG. NO.
A04341
SHT. 2 OF 3

LADDER BRACETS
REFERENCE

LADDER BRACETS
REFERENCE

LADDER BRACETS
REFERENCE

SECURE LADDER IN BRACKETS FOR STOWING AND SHIPPING

SUPERSEDES A04341 SHEET 2 OF 3 OF 10-29-09

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DECIMAL PLACES				FRACTIONS				MACHINING		BOOM RIGGING			
± 10 FEET				± 10 FEET				± 10 FEET		MODEL 18000		#55/55A W/100FT MAST	
(1) PLACE 0.0				± .12				± .18		± .03			
(2) PLACE 0.00				± .06				± .12		± .015			
(3) PLACE 0.000				± .006				± .012		± .005			
ANGLES				± 1°				± 30°		± 30°		A04341	

120 FT BOOM

140 FT BOOM

160 FT BOOM

180 FT BOOM

200 FT BOOM

220 FT BOOM

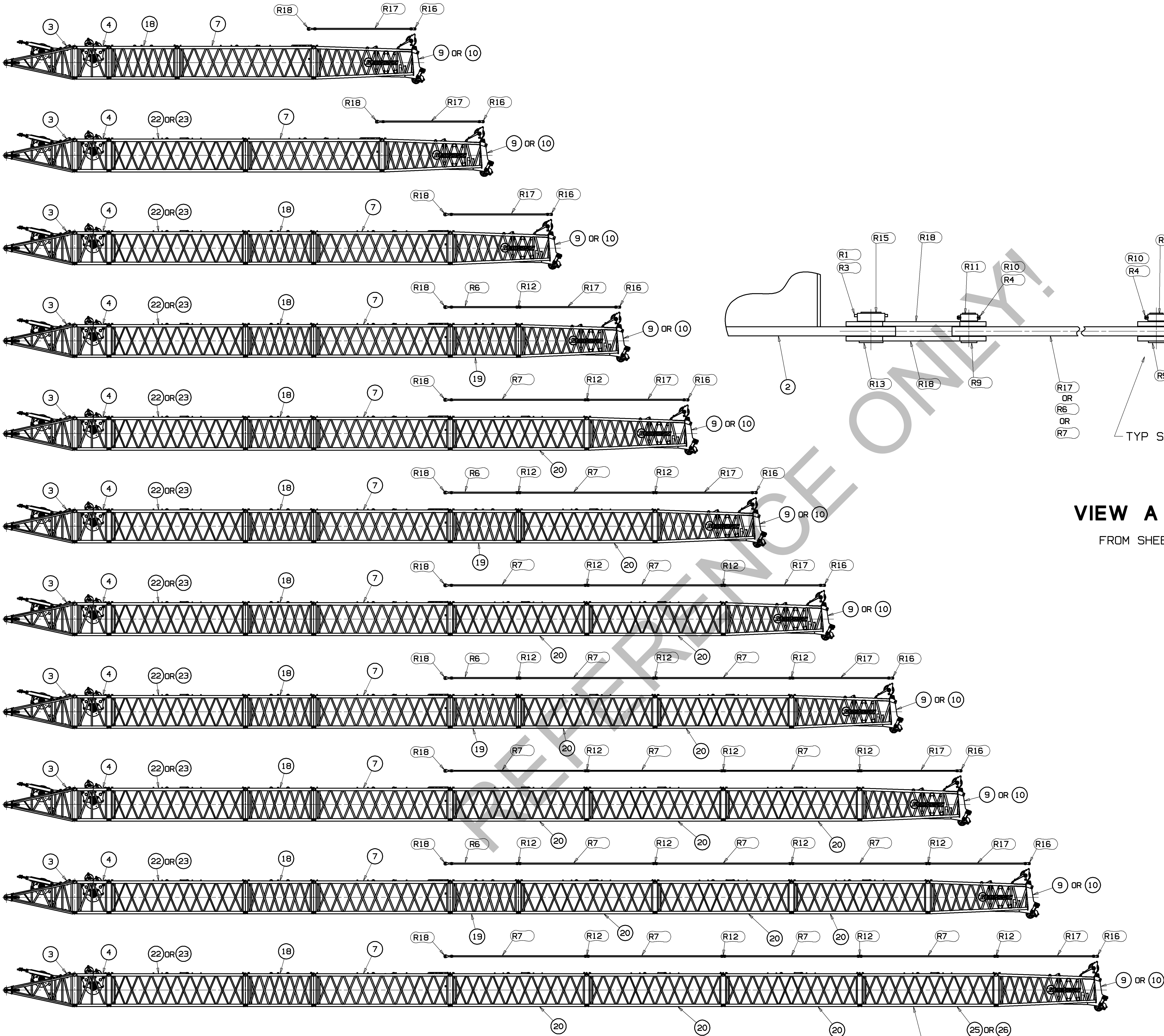
240 FT BOOM

260 FT BOOM

280 FT BOOM

300 FT BOOM

320 FT BOOM



VIEW A - A
FROM SHEET 1

RECOMENDED BOOM ASSEMBLY
SEE 1 3 6 AND 8

MEDIUM INSERT REQUIRED
SEE 13

BILL OF MATERIAL				ASSEMBLIES USED ON
ITEM NO.	QTY	DESCRIPTION	MATERIAL	QTY
REFERENCE NUMBERS FOR STRAP ASSEMBLY ONLY SEE INSERT ASSEMBLIES FOR QUANTITIES				
R1		PIN		170799
R2				
R3		PIN COTTER .12 X 1.00		562043
R4		PIN COTTER .250 X 1.50		562105
R5				
R6		STRAP 20 FT #55 BOOM		A05196
R7		STRAP 40 FT #55 BOOM		A05197
R8				
R9		PIN 1 HOLE W/ HD		A06149
R10		PIN COTTER 2 HOLE		A06150
R11		COLLAR		A06151
R12		LINK #55 BOOM		A06457
R13		PIN COTTER 1 HOLE W/HD 4.50 X 6.27		A06947
R14		PIN 2 HOLE		A07864
R15		COLLAR		A07161
R16		LINK #55 BOOM STRAP		A07867
R17		STRAP 28 FT 2.68IN #55 BOOM		A07868
R18		LINK EQ TO #55 BOOM STRAP		A07354
R19		PIN 2 HOLE		A07886

REVISIONS
02-02-04 M.J.W. ITEM 34 ADDED 01-15-10 J.A.S. DELETED PICTURE OF LUFFING DRUM IN BOOM BUTT A ADDED REF B/M

000. NO.
A04341
SHT 3 OF 3

PRIVATE LABELING
REQUIREMENT TO
CONFORM TO
ENGINEERING
SPECIFICATION
6829103794 FOR
COMPONENTS LISTED
IN 68290-06-026

DATE
11-21-03
REV. LVL.
FB
APP. BLS
BOOM RIGGING
#55/55A W/100FT MAST
A04341