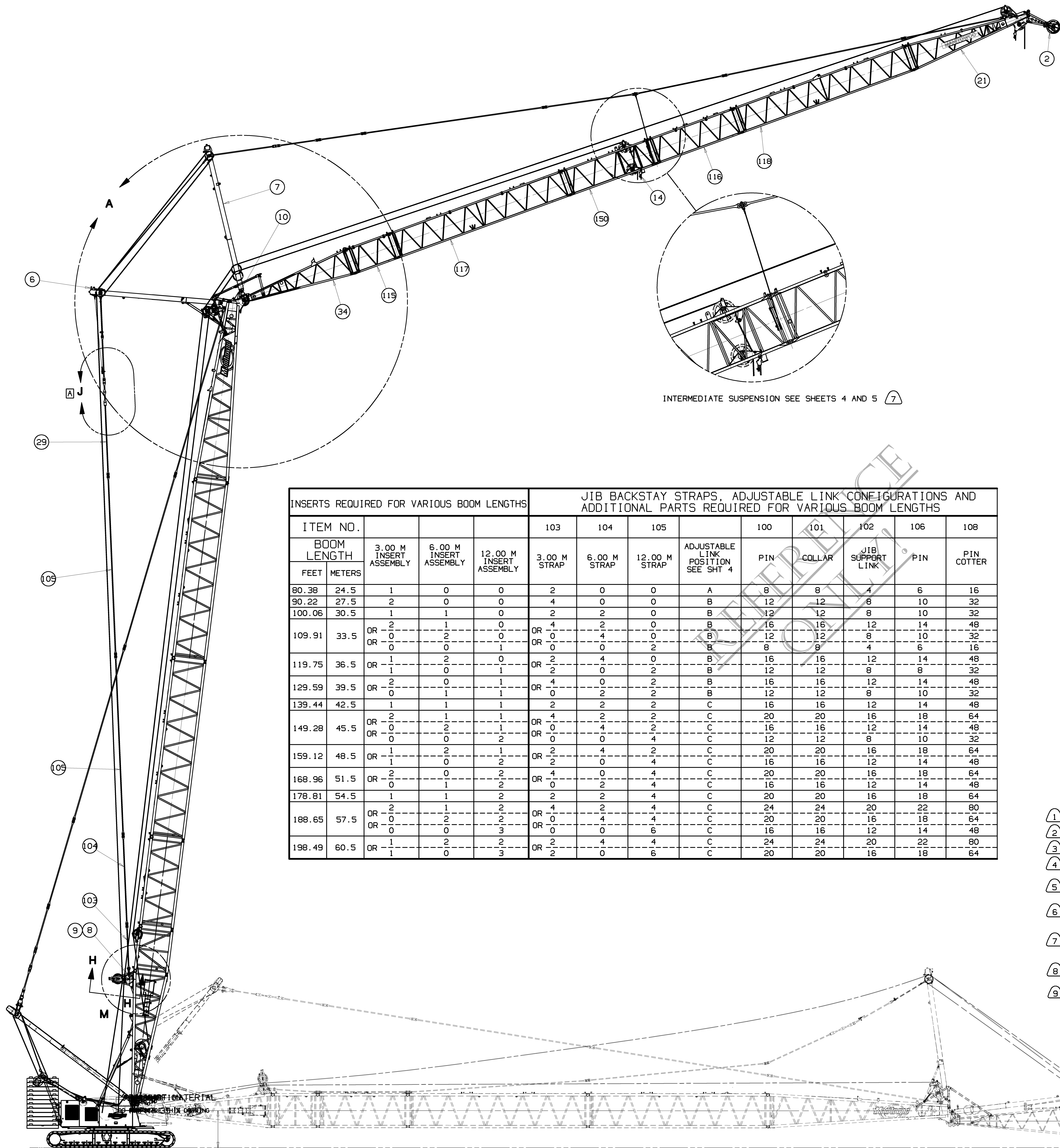




INTERMEDIATE SUSPENSION SEE SHEETS 4 AND 5 (7)

INSERTS REQUIRED FOR VARIOUS BOOM LENGTHS					JIB BACKSTAY STRAPS, ADJUSTABLE LINK CONFIGURATIONS AND ADDITIONAL PARTS REQUIRED FOR VARIOUS BOOM LENGTHS											
ITEM NO.		3.00 M INSERT ASSEMBLY	6.00 M INSERT ASSEMBLY	12.00 M INSERT ASSEMBLY	103	104	105	ADJUSTABLE LINK POSITION SEE SHT 4	100	101	102	106	108			
BOOM LENGTH																
FEET	METERS				3.00 M STRAP	6.00 M STRAP	12.00 M STRAP		PIN	COLLAR	JIB SUPPORT LINK	PIN	PIN COTTER			
80.38	24.5	1	0	0	2	0	0	A	8	8	4	6	16			
90.22	27.5	2	0	0	4	0	0	B	12	12	8	10	32			
100.06	30.5	1	1	0	2	2	0	B	12	12	8	10	32			
109.91	33.5	OR 2	1	0	OR 4	2	0	B	16	16	12	14	48			
		OR 0	0	0	OR 0	4	0	B	12	12	8	10	32			
		OR 0	0	1	OR 0	0	2	B	8	8	4	6	16			
119.75	36.5	OR 1	2	0	OR 2	4	0	B	16	16	12	14	48			
		OR 1	0	1	OR 2	0	2	B	12	12	8	8	32			
129.59	39.5	OR 2	0	1	OR 4	0	2	B	16	16	12	14	48			
		OR 0	1	1	OR 0	2	2	B	12	12	8	10	32			
139.44	42.5	1	1	1	2	2	2	C	16	16	12	14	48			
149.28	45.5	OR 2	1	1	OR 4	2	2	C	20	20	16	18	64			
		OR 0	2	1	OR 0	4	2	C	16	16	12	14	48			
		OR 0	0	2	OR 0	0	4	C	12	12	8	10	32			
159.12	48.5	OR 1	2	1	OR 2	4	2	C	20	20	16	18	64			
		OR 1	0	2	OR 2	0	4	C	16	16	12	14	48			
168.96	51.5	OR 2	0	2	OR 4	0	4	C	20	20	16	18	64			
		OR 0	1	2	OR 0	2	4	C	16	16	12	14	48			
178.81	54.5	1	1	2	2	2	4	C	20	20	16	18	64			
188.65	57.5	OR 2	1	2	OR 4	2	4	C	24	24	20	22	80			
		OR 0	2	2	OR 0	4	4	C	20	20	16	18	64			
		OR 0	0	3	OR 0	0	6	C	16	16	12	14	48			
198.49	60.5	OR 1	2	2	OR 2	4	4	C	24	24	20	22	80			
		OR 1	0	3	OR 2	0	6	C	20	20	16	18	64			

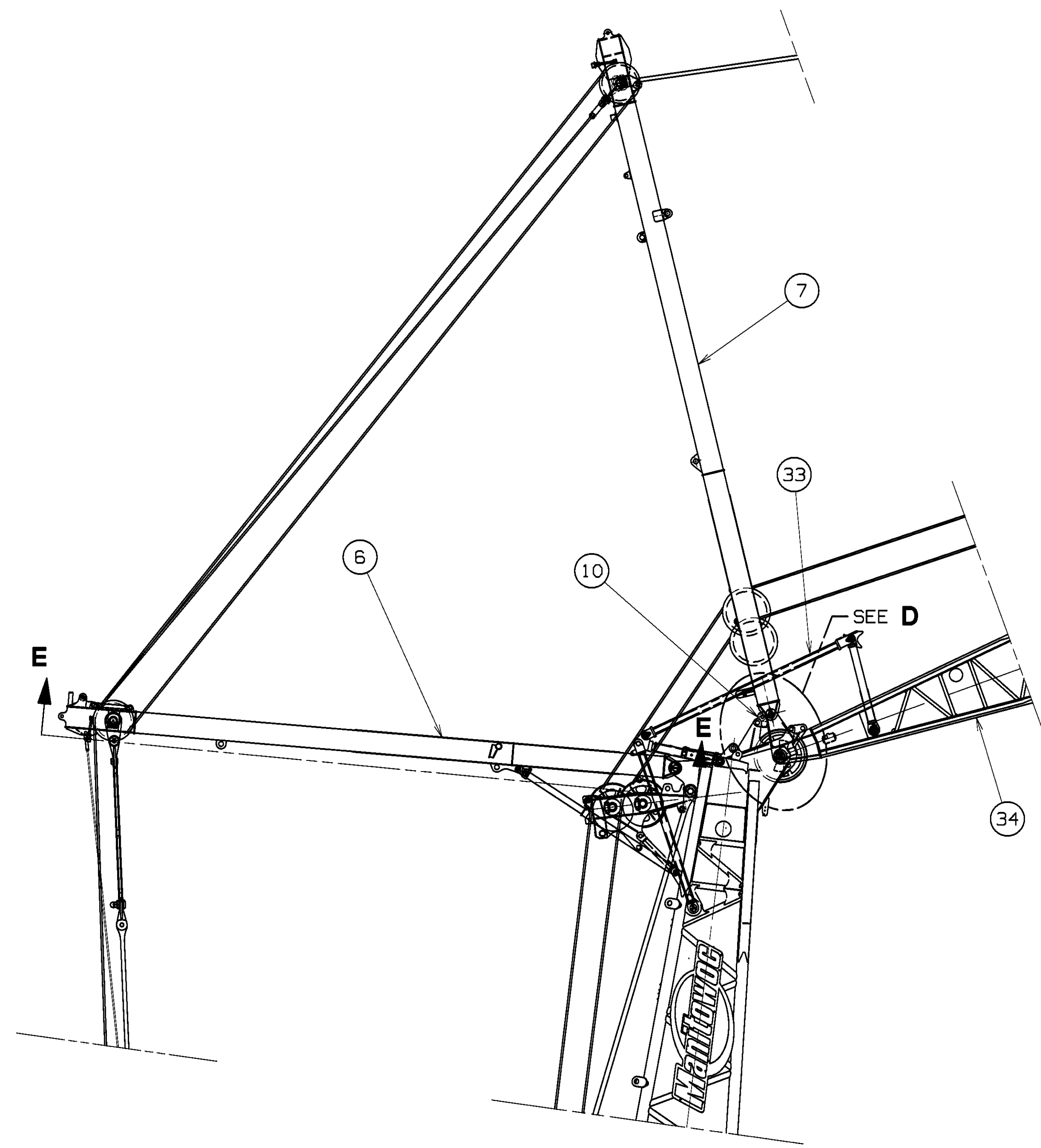
NUMBER REQUIRED FOR THE FOLLOWING ITEMS ARE IN TABLES AND DEPENDANT UPON BOOM LENGTH		
100	PIN 2 HOLE	A08089
101	COLLAR	A08102
102	LINK JIB SUPPORT	A08822
103	STRAP JIB SUPPORT	A08823
104	STRAP JIB SUPPORT	A08824
105	STRAP JIB SUPPORT	A08825
106	PIN 1 HOLE W/HD	A08952
107		
108	SPLIT COTTER PIN 4-25	769112500
109		
110		
111		
112		
113		
114		
115	10 FT INSERT ASSEMBLY	A00782
116	20 FT INSERT ASSEMBLY	A00784
117	40 FT INSERT ASSEMBLY	A00786
118	40 FT INSERT W/BACKSTAY LUG ASSEM.	A00788
119		
120		
121		
122		
123		
124		
125		
OPTIONAL PARTS		
150	120 FT INSERT W/INT. FALL ASSEMBLY	A00790
151	11.00 X 900 FT WIRE ROPE - CONSTRUCTEX	719394
152		
153		
154		

INSERTS REQ'D. FOR VARIOUS JIB LENGTHS SEE SHEET 5 FOR LUFFING JIB MAKE-UP ORDER WITH INTERMEDIATE FALL					
ITEM NO.	115	116	150	117 OR 118	
JIB LENGTHS	10 FT 3.05 M INSERT	20 FT 6.10 M INSERT	20 FT 6.10 M INSERT (W/INT. FALL)	40 FT 12.19 M INSERT	
FEET METERS					
70	21.3	0	0	1	0
80	24.4	1	0	1	0
90	27.4	0	1	1	0
100	30.5	1	1	1	0
110	33.5	0	0	1	1
120	36.6	1	0	1	1
130	39.6	0	1	1	1
140	42.7	1	1	1	1
150	45.7	0	0	1	2
160	48.8	1	0	1	2
170	51.8	0	1	1	2
180	54.9	1	1	1	2
190	57.9	0	0	1	3
200	61.0	1	0	1	3
210	64.0	0	1	1	3
220	67.1	1	1	1	3
230	70.1	0	0	1	4
240	73.2	1	0	1	4

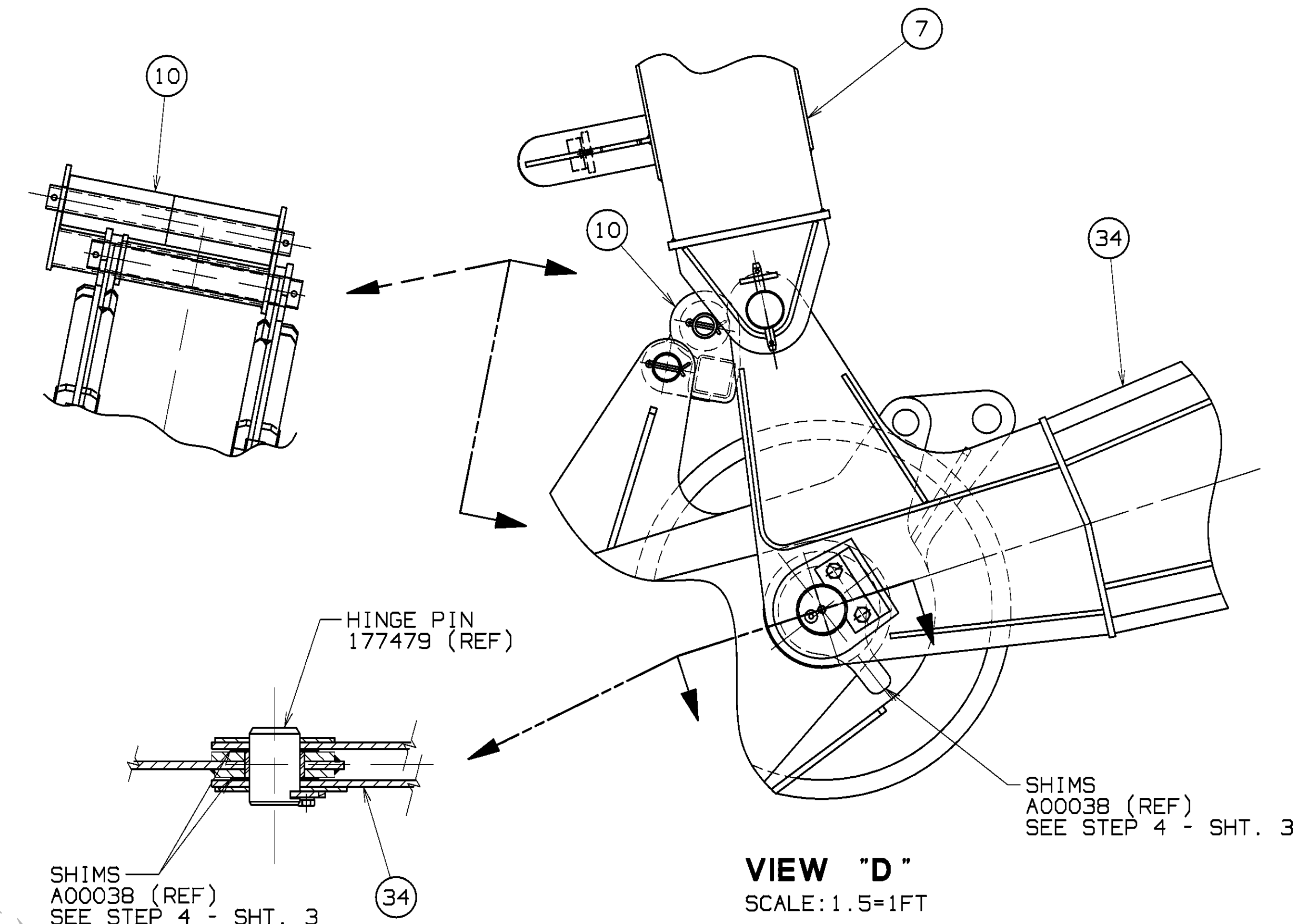
- ON DRAWING (196289).
- ON DRAWING (197015)
- SEE SHEET 5 FOR LUFFING JIB MAKE-UP ORDER.
- REFER TO SPECIFIC CAPACITY CHART FOR APPROPRIATE BOOM AND JIB COMBINATIONS.
- REFER TO LUFFING JIB RAISING PROCEDURE FOR RAISING AND LOWERING BOOM AND JIB.
- TIGHTEN EACH SIDE EQUALLY TO PROVIDE AN EQUAL GAP. TORQUE (ITEMS 11) TO 120 FT. LBS. AND ADD SECOND (ITEM 11) AS A LOCKNUT. SEE VIEW H-H.
- FOR INTERMEDIATE SUSPENSION FOR 230-240 FT. JIB WITHOUT INTERMEDIATE FALL INSERT (ITEM 150), SEE SHEET 3.
- WIRE ROPE 1.00 INCH X 900 FT. CONSTRUCTEX BREAKING STRENGTH OF 125,000 LBS. FOR USE ON REAR DRUM.
- WIRE ROPE GUIDE ASSEMBLY A09575 (SHOWN ON BOOM ASSEMBLY A07850) MUST BE REMOVED FOR LUFFING JIB OPERATION.

BILL OF MATERIAL				QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	ASSEMBLY	DESCRIPTION	QTY REQ'D	UNIT	AS
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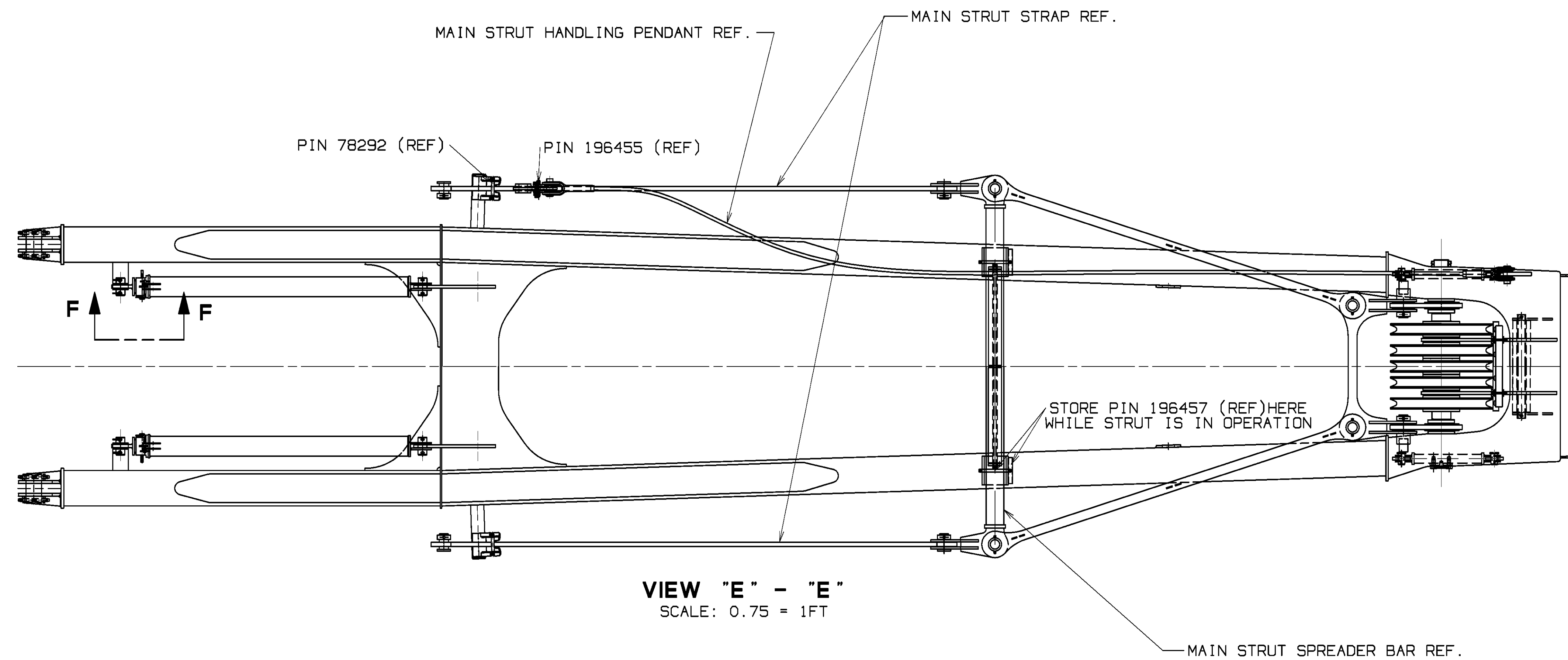
INSERTS REQ'D. FOR VARIOUS JIB LENGTHS SEE SHEET 5 FOR LUFFING JIB MAKE-UP ORDER WITHOUT INTERMEDIATE FALL				
ITEM NO.	115	116	117 OR 118	
JIB LENGTHS	10 FT 3.05 M INSERT	20 FT 6.10 M INSERT	40 FT 12.19 M INSERT	
FEET METERS				
70	21.3	0	1	0
80	24.4	1	1	0
90	27.4	OR 0 OR 0	2 0	0 1
100	30.5	OR 1 OR 1	2 0	0 1
110	33.5	0	1	1
120	36.6	1	1	1
130	39.6	OR 0 OR 0	2 0	1 2
140	42.7	OR 1 OR 1	2 0	1 2
150	45.7	0	1	2
160	48.8	1	1	2
170	51.8	0	0	3
180	54.9	1	0	3
190	57.9	0	1	3
200	61.0	1	1	3
210	64.0	0	0	4
220	67.1	1	0	4
230	70.1	0	1	4
240	73.2	1	1	4



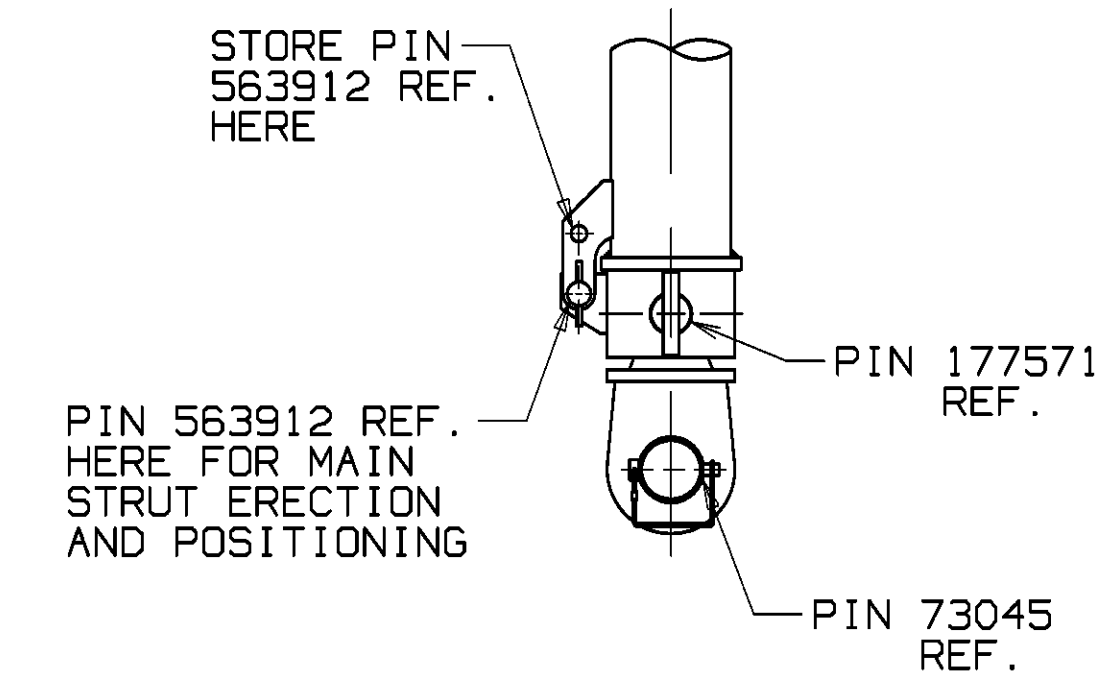
VIEW "A"
SCALE: .25=1FT



VIEW "D"
SCALE: 1.5=1FT

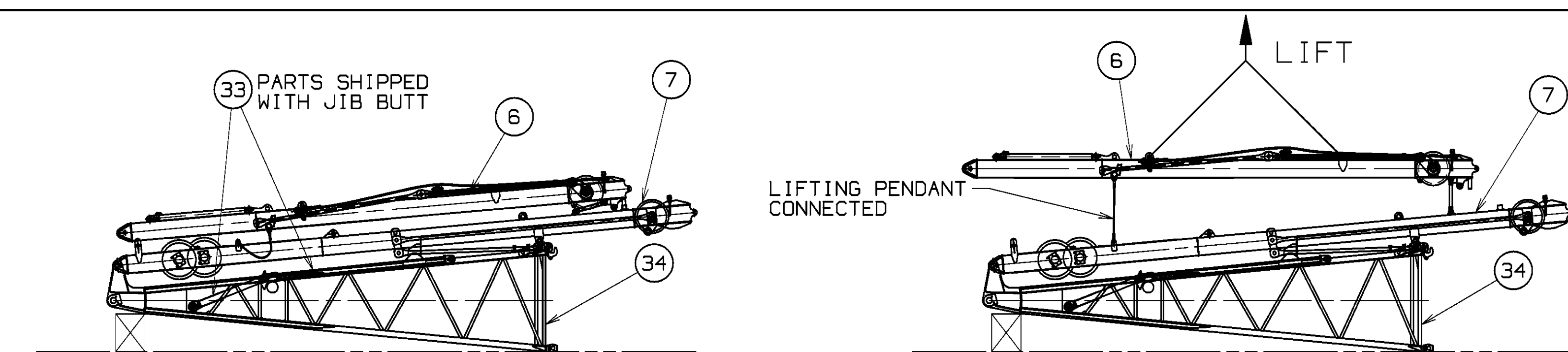


VIEW "E" - "E"
SCALE: 0.75 = 1FT

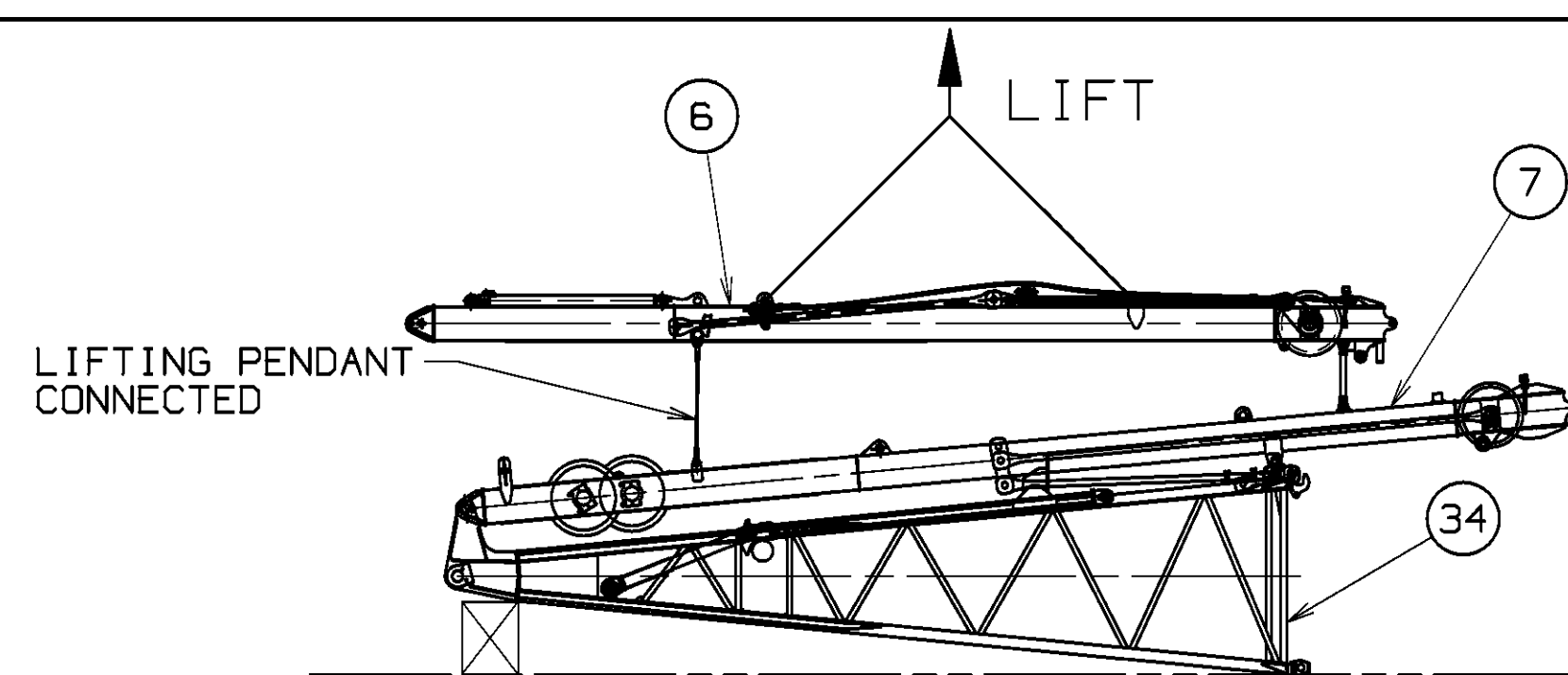


VIEW "F" - "F"
SCALE: 2.00 = 1FT

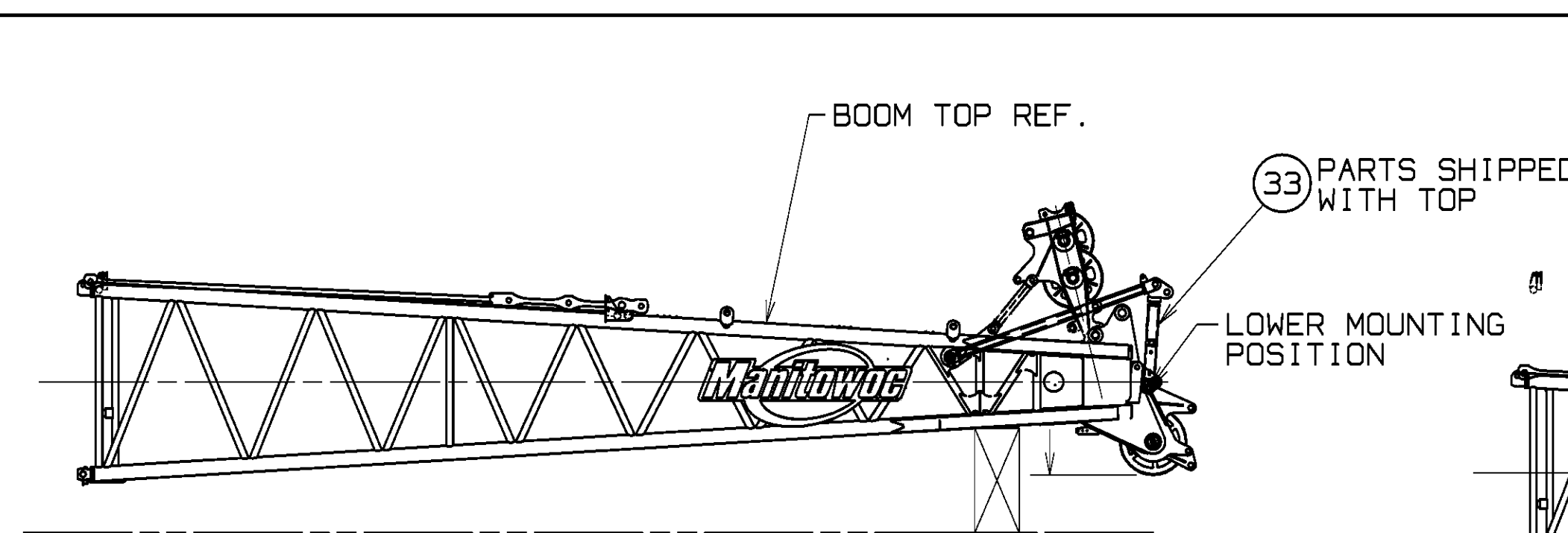
REFERENCE ONLY!



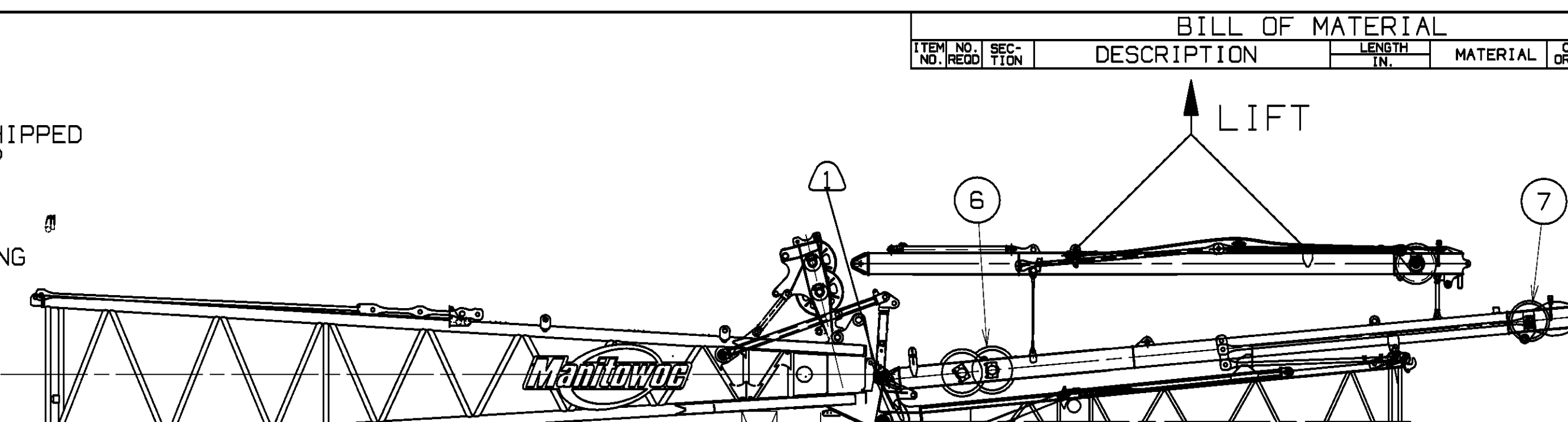
STEP 1 - JIB BUTT SHIPPING ARRANGEMENT



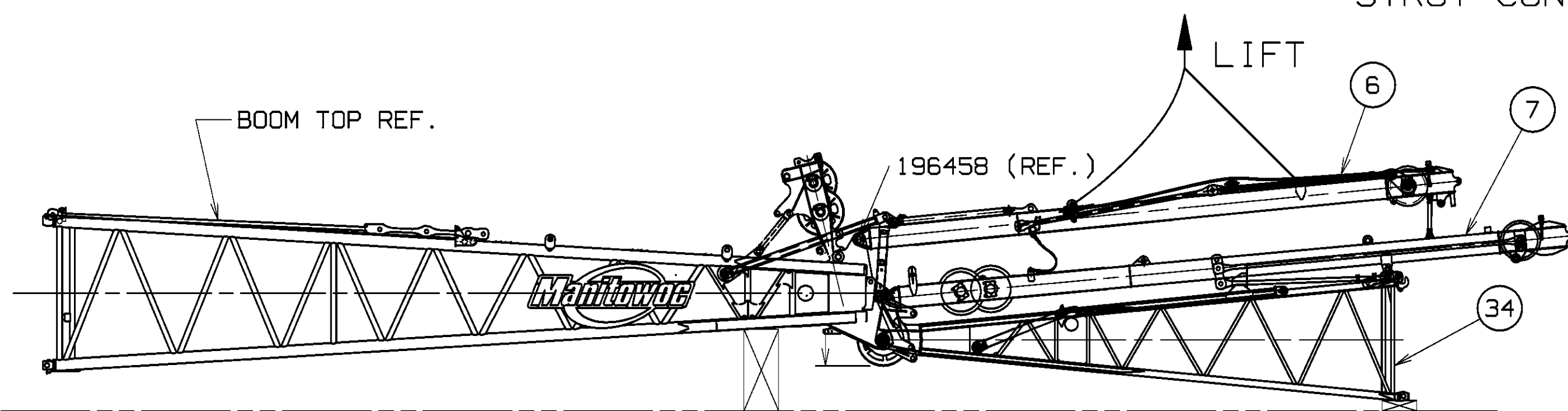
STEP 2 - HANDLING JIB BUTT - JIB STRUT AND MAIN STRUT CONFIGURATION



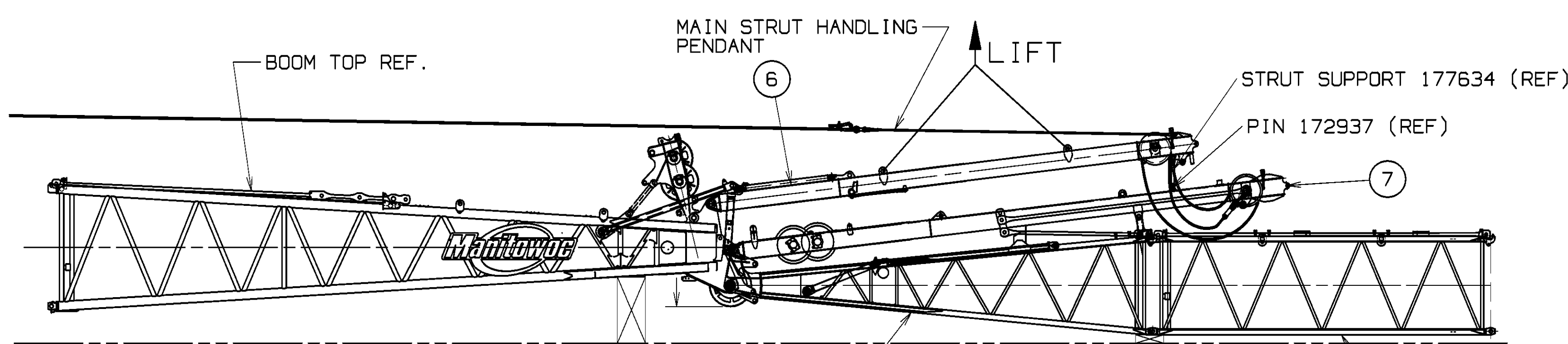
STEP 3 - JIB STOP POSITION BUTT - STRUT MOUNTING



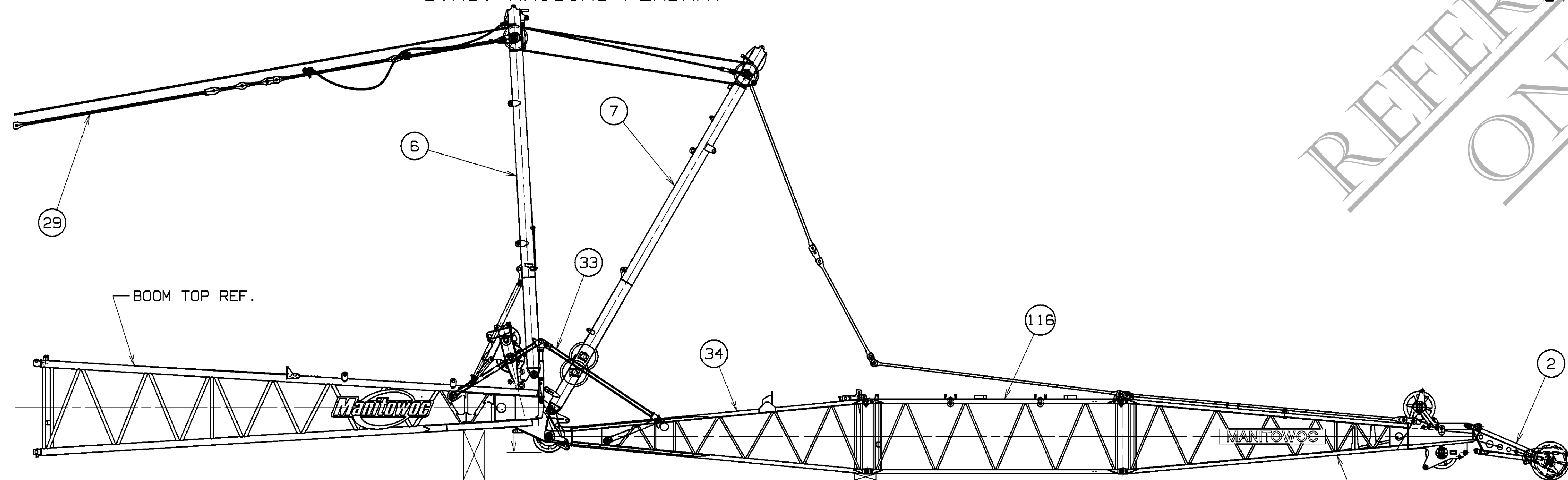
STEP 4 - ATTACH JIB BUTT - STRUT CONFIGURATION TO BOOM TOP



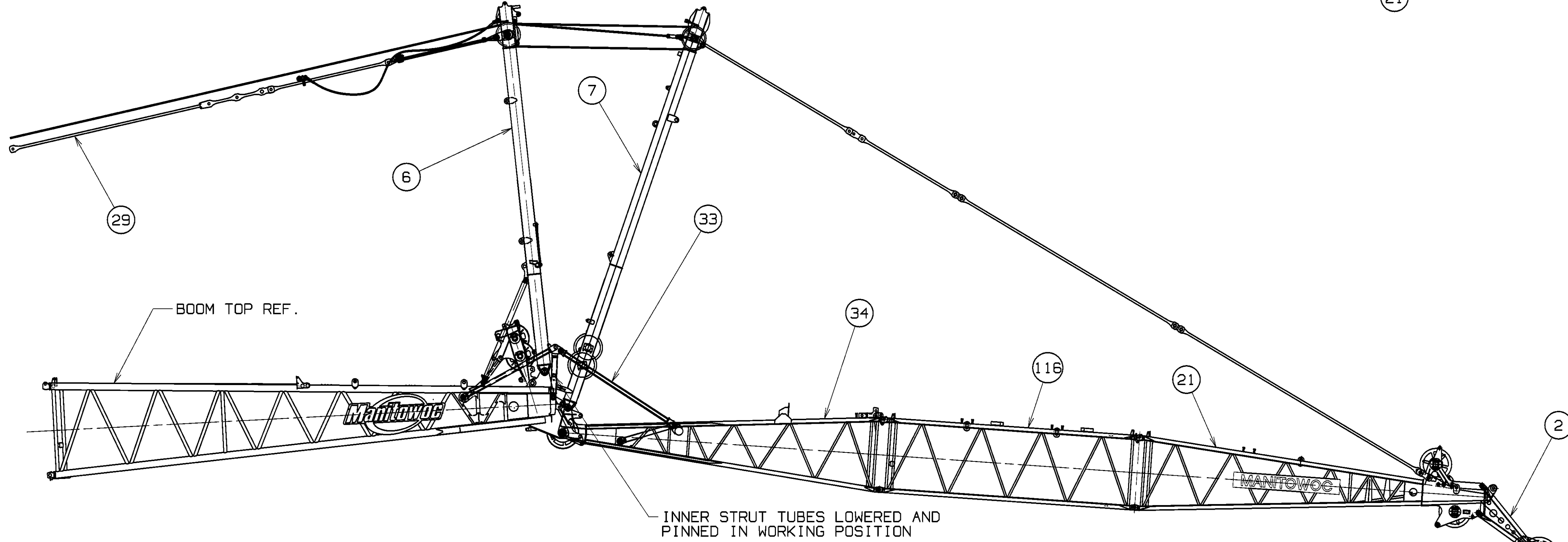
STEP 5 - ATTACH MAIN STRUT TO BOOM TOP



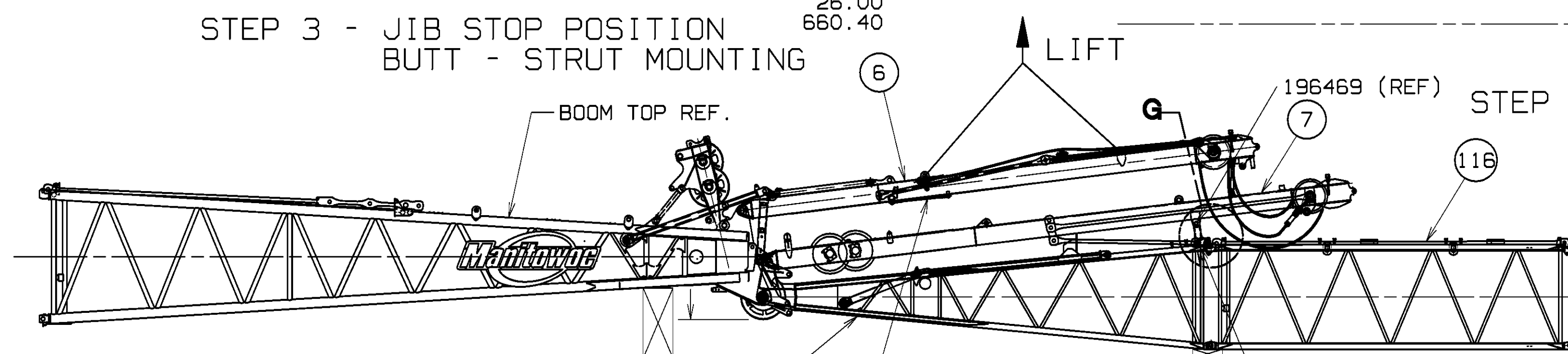
STEP 7 - ATTACHING ROPE FROM FRONT DRUM TO STRUT RAISING PENDANT



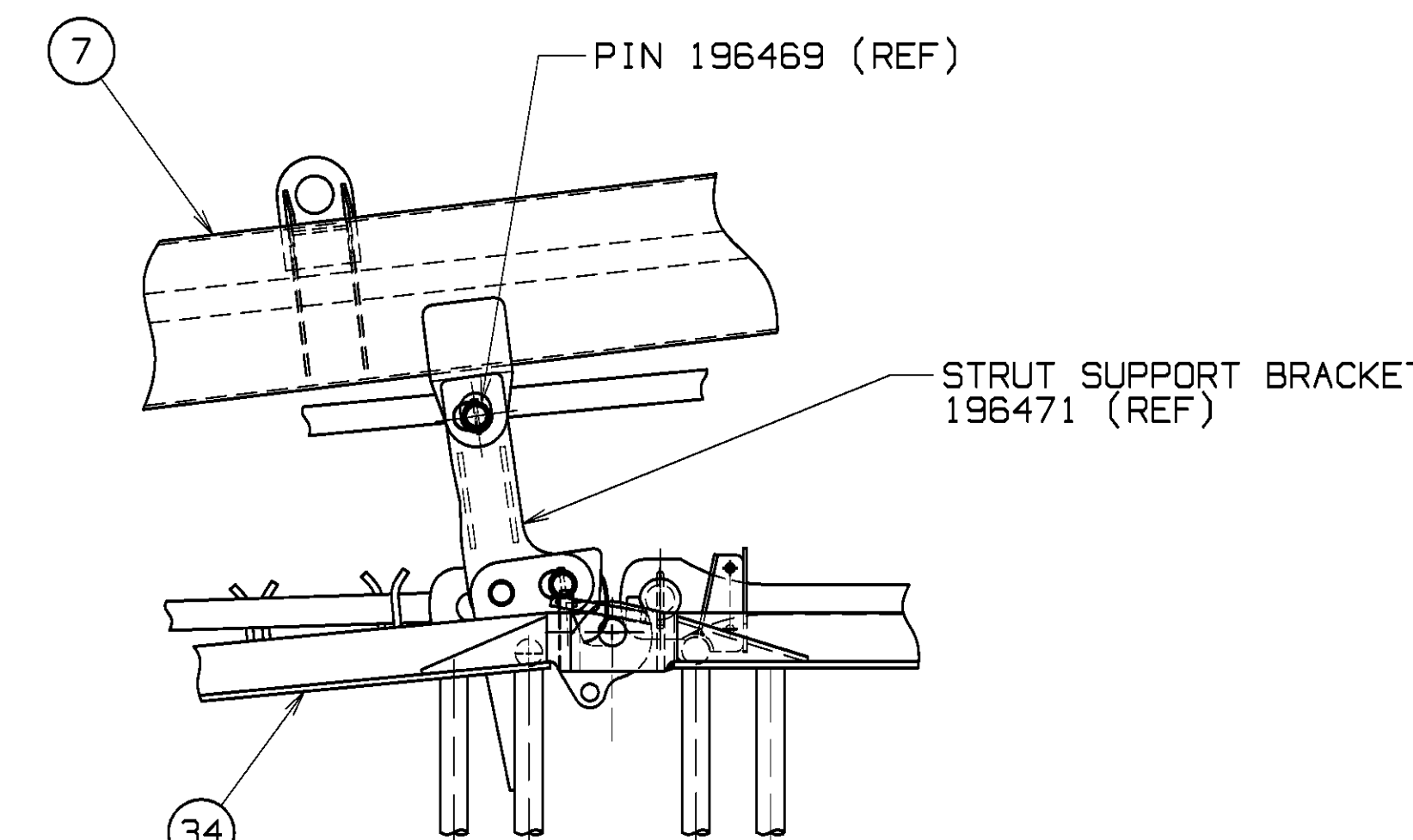
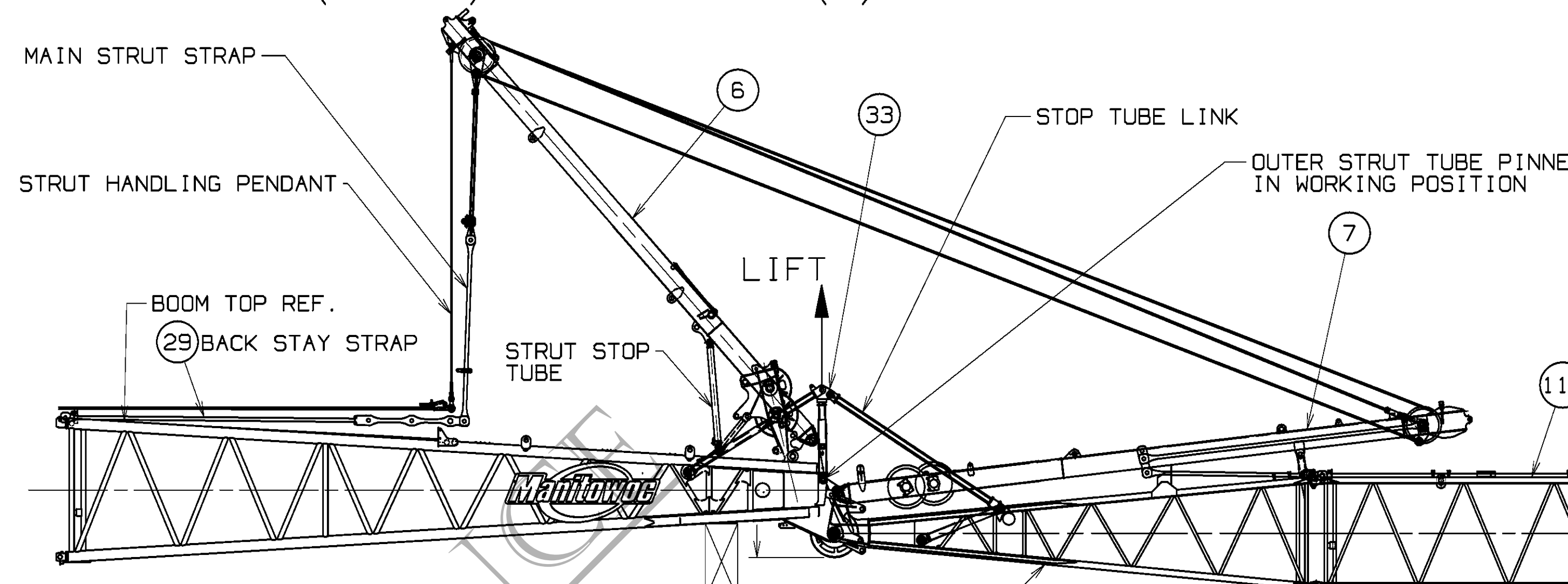
STEP 9 - CONNECT MAIN STRUT STOP IN WORKING POSITION AND RAISE JIB STRUT



STEP 10 - STARTING TO RAISE BOOM - PIN JIB STOP IN WORKING POSITION



STEP 6 - LIFT MAIN STRUT AND JIB STRUT TO REPOSITION JIB STRUT SUPPORT BRACKET (196471) IN THE UP POSITION (SEE VIEW "G") AND INSERT PIN (196469). ADD AT LEAST (1)20 FT. INSERT AS COUNTER WEIGHT.



VIEW "G"
SCALE: 1=1FT

STEP 8 - RAISE MAIN STRUT AND REPIN JIB STOP OUTER TUBE TO THE WORKING POSITION AND LIFT INNER JIB STOP TUBE UNTIL FULLY EXTENDED AND SWING UP AND ATTACH STOP TUBE LINK (A09881).

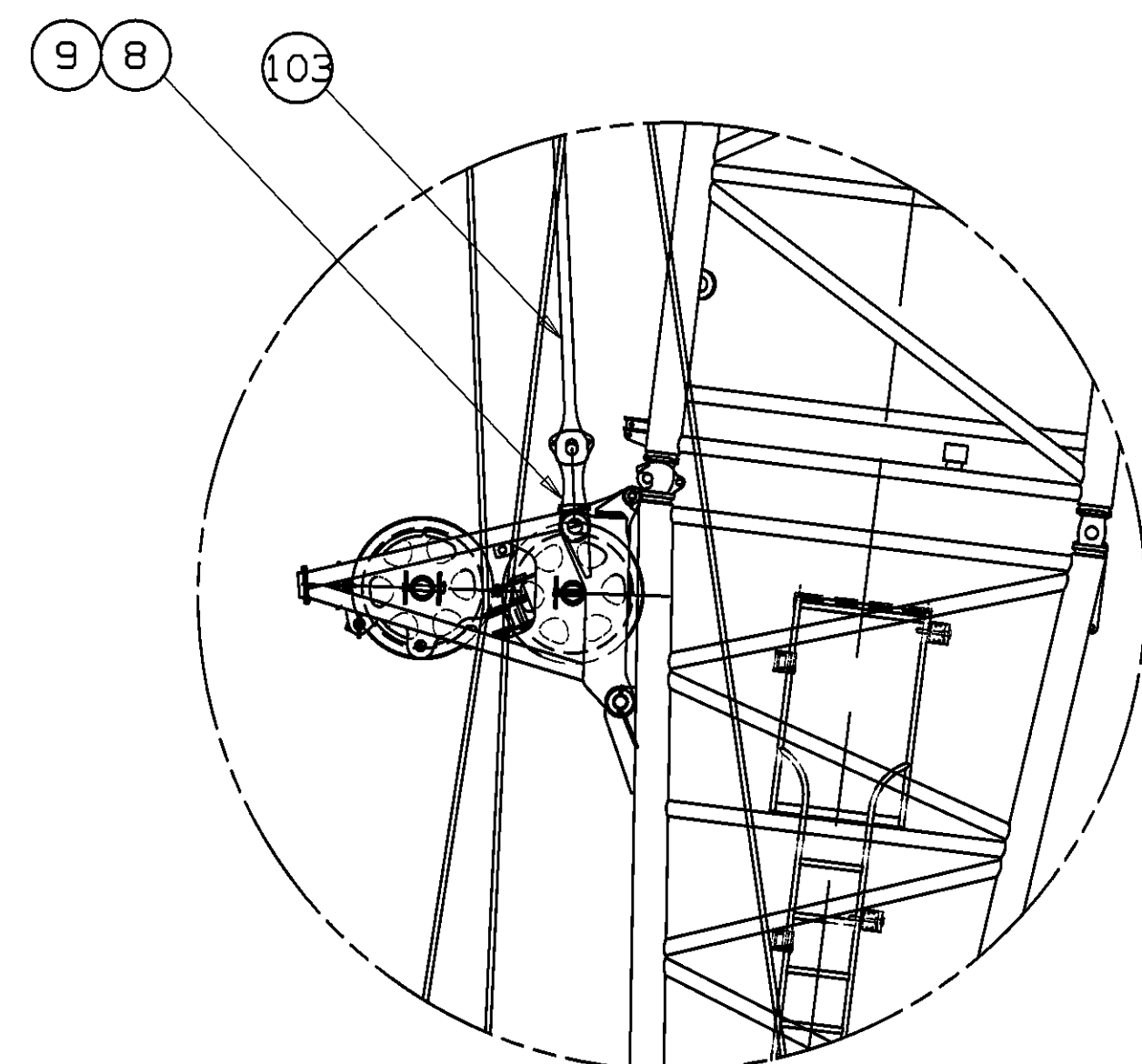
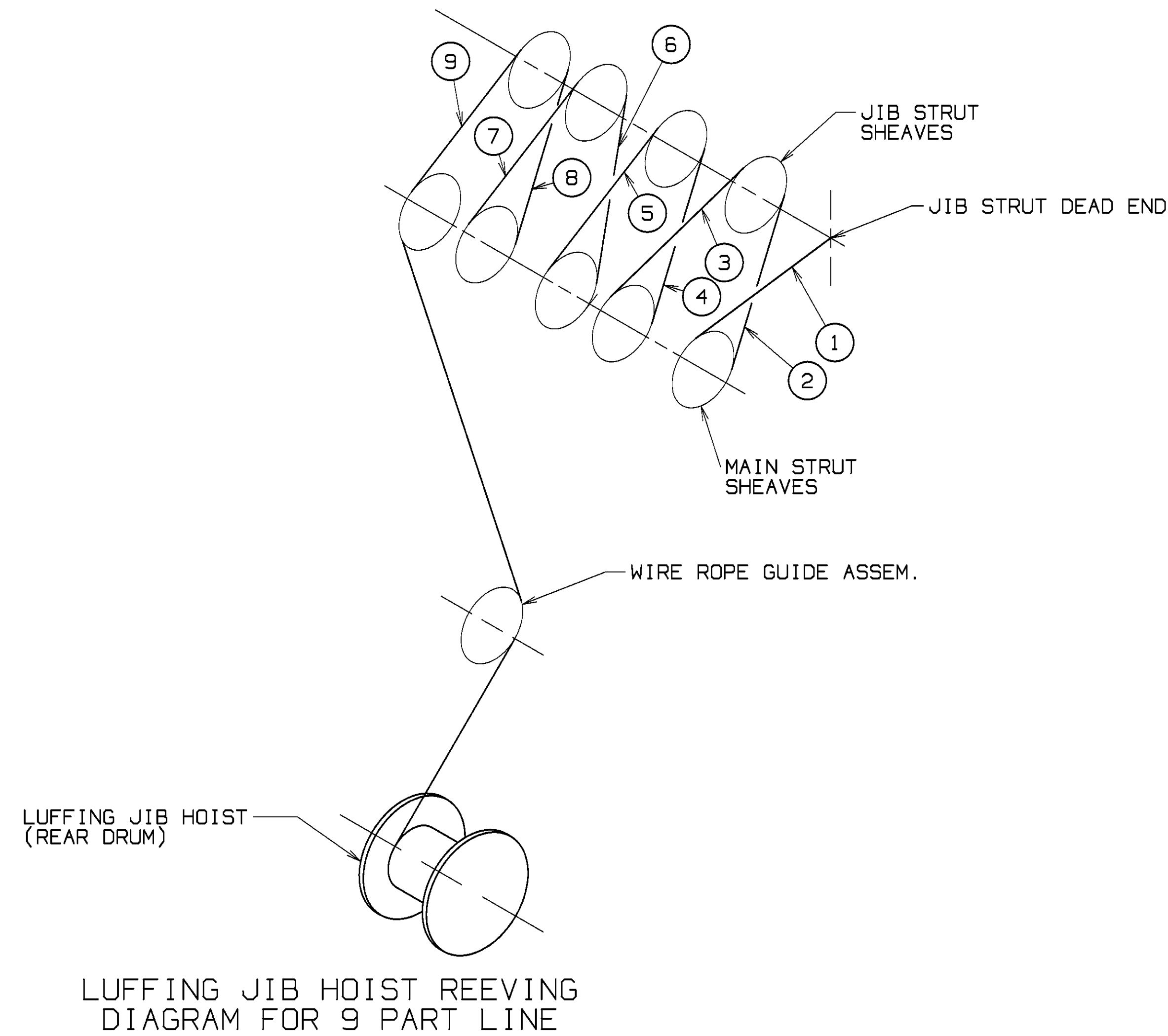
JIB MOUNTING AND STRUT RAISING PROCEDURE

DANGER: DO NOT STAND UNDER STRUTS DURING ERECTION. MAKE SURE JIB STRUT IS PINNED TO THE JIB BUTT BEFORE ATTEMPTING MAIN STRUT ERECTION.

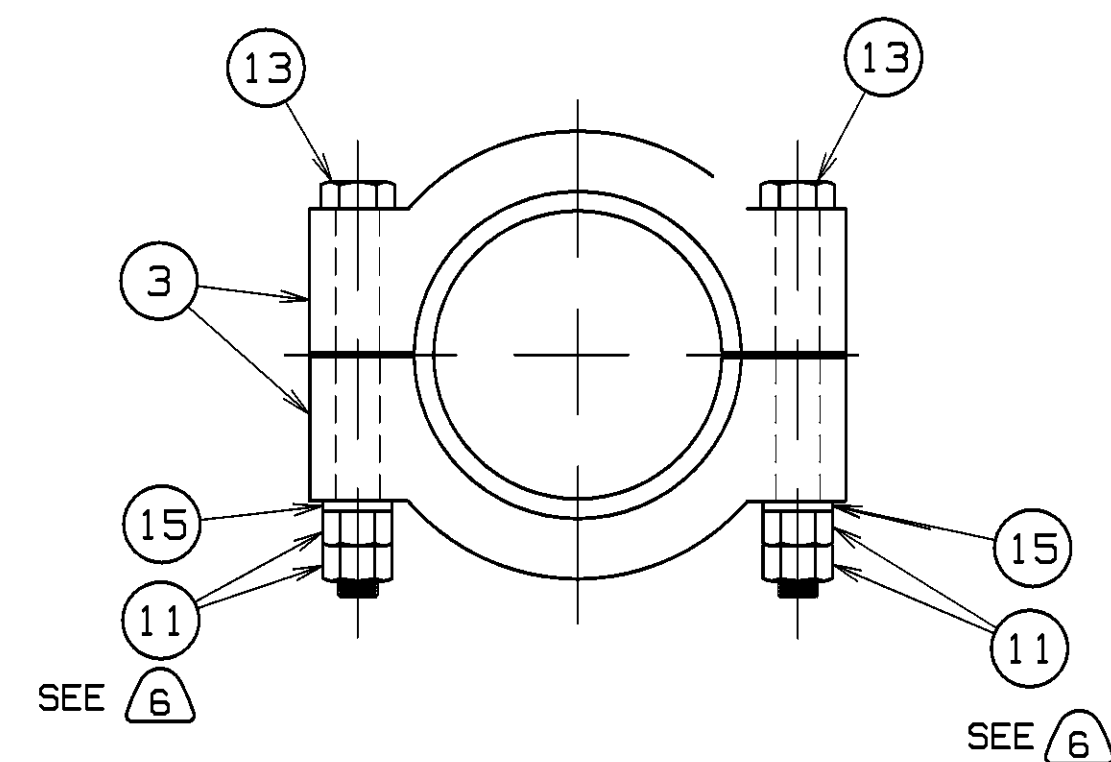
- BEFORE MOUNTING JIB BUTT TO BOOM TOP, MAKE SURE THAT THE JIB STOP TUBES ARE MOUNTED TO THE BOOM TOP AS SHOWN IN STEP 3. THE OUTER STRUT TUBE (A09884 REF.) MUST BE PINNED IN THE LOWER ASSEMBLY PIN POSITION FOR THE BUTT. STRUT MOUNTING.
- THE BOOM MUST BE BLOCKED SO THAT THE DISTANCE BETWEEN BOOM POINT SHEAVES AND GROUND IS APPROXIMATELY 26 IN. (0.07M). - SEE STEP 3
- BEFORE LIFTING JIB BUTT, JIB STRUT AND MAIN STRUT ASSEMBLY, MAKE SURE THAT THE JIB STRUT IS PINNED TO THE TOP AND BOTTOM OF THE JIB BUTT AND THAT REEVING STRUT (177634 REF.) AND PENDANTS (A09240 REF.) ATTACH THE MAIN STRUT TO THE JIB STRUT. - SEE STEP 2
- ATTACH JIB BUTT TO BOOM TOP. INSTALL PINS AND KEEPER PLATES AS PINS ARE INSTALLED, INSERT SHIMS SO THAT JIB BUTT IS CENTERED ON BOOM TOP (SEE VIEW D - SHT. 2) SEE STEP 4.
- ATTACH MAIN STRUT TO BOOM TOP. - SEE STEP 5
- RAISE THE JIB STRUT TO THE ASSEMBLY POSITION BY DISCONNECTING THE STRUT FROM THE STRUT SUPPORT BRACKET (196471 REF.) IN STOWED POSITION AND RAISING THE STRUT SUPPORT BRACKET TO THE ASSEMBLY POSITION. - SEE STEP 6 AND VIEW "G".
- ATTACH AT LEAST ONE 20 FT. INSERT TO THE JIB BUTT TO ACT AS A COUNTERWEIGHT BEFORE RAISING STRUT.
- INSTALL REMAINING INSERTS AND JIB TOP. INSTALL THE JIB STOP CONTROL CABLE FROM THE HAND WINCH TO THE STRUT LOCKING PINS (A09887 REF.). SEE JIB STOP ASSEMBLY.
- INSTALL LUFFING HOIST WIRE ROPE FROM THE REAR DRUM. SEE REEVING DIAGRAM ON SHEET 3.
- UNPIN MAIN STRUT SPREADER BAR AND MAIN STRUT STRAPS FROM STOWAGE POSITION. UNPIN THE MAIN STRUT HANDLING PENDANT. ROUTE THE LOAD LINE FROM THE FRONT DRUM OVER THE LEFT UPPER SHEAVE IN THE BOOM BUTT WIRE ROPE GUIDE. CONNECT THIS ROPE TO THE MAIN STRUT HANDLING PENDANT. SEE STEP 7 SLOWLY START TO RAISE THE MAIN STRUT AND UNPIN THE STRUT SUPPORT (177634 REF.) AND PIN THEM IN THE STOWED POSITION. CONTINUE TO RAISE THE MAIN STRUT UNTIL THE STRUT STOP TUBE CAN BE PINNED TO THE BOOM TOP. - SEE STEP 8
- UNPIN STRUT HANDLING PENDANT FROM FRONT DRUM ROPE AND PIN TO MAIN STRUT STRAP IN THE STOWAGE POSITION. CONNECT THE BACKSTAY STRAPS TO THE MAIN STRUT STRAPS. - SEE STEP 8
- UNPIN JIB STOP OUTER STRUT TUBE (A09884 REF.) AND REPIN IT IN THE WORKING POSITION. USING THE HAND WINCH, REMOVE STRUT TUBE LOCKING PIN (A09887) AND LIFT INNER STRUT TUBE (A09883 REF.) UNTIL PIN (142934 REF.) CAN BE INSERTED INTO THE UPPER HOLE TO SUPPORT IT. ROTATE STOP TUBE LINK (A09881 REF.) FROM ITS STOWAGE POSITION AND CONNECT TO INNER STRUT TUBE (A09883 REF.). SEE STEP 8.
- SLOWLY PULL IN LUFFING ROPE TO RAISE THE MAIN STRUT TO ITS WORKING POSITION. PIN MAIN STRUT STOP IN THE WORKING POSITION. SEE STEP 9.
- DISCONNECT THE JIB STRUT FROM THE JIB SUPPORT BRACKET (196471 REF.) AND RAISE THE JIB STRUT. - SEE STEP 8 AND 9
- RAISE THE BOOM UNTIL THE ANGLE BETWEEN THE BOOM AND JIB IS APPROXIMATELY 172°. CREATE SLACK IN THE JIB STOP LOCKING PIN CONTROL CABLE. RAISE INNER STRUT TUBE (A09883 REF.) ENOUGH TO REMOVE TUBE SUPPORT PIN (142934 REF.) AND REPOSITION IT TO THE LOWER HOLE (SEE JIB STOP ASSEMBLY). LOWER INSIDE STRUT TUBE UNTIL IT RESTS ON INNER TUBE SUPPORT PIN (142934 REF.) AND STRUT TUBE LOCKING PINS (A09887 REF.) ARE FULLY ENGAGED ON BOTH SIDES. PAY OUT CABLE UNTIL IT RESTS ON THE LACINGS IN THE JIB. - SEE STEP 10.

TOLERANCE UNLESS OTHERWISE SPECIFIED				MACHINING		FABRICATION	
DECIMAL PLACES	FRACTIONS	INCHES	FEET	INCHES	FEET	INCHES	FEET
(1) PLACE 0.00	1/16	1/16	1/16	±.015	±.015	±.015	±.015
(2) PLACE 0.00	1/32	1/32	1/32	±.010	±.010	±.010	±.010
(3) PLACE 0.000	1/64	1/64	1/64	±.005	±.005	±.005	±.005
ANGLES	1°	1°	1°	±.01°	±.01°	±.01°	±.01°

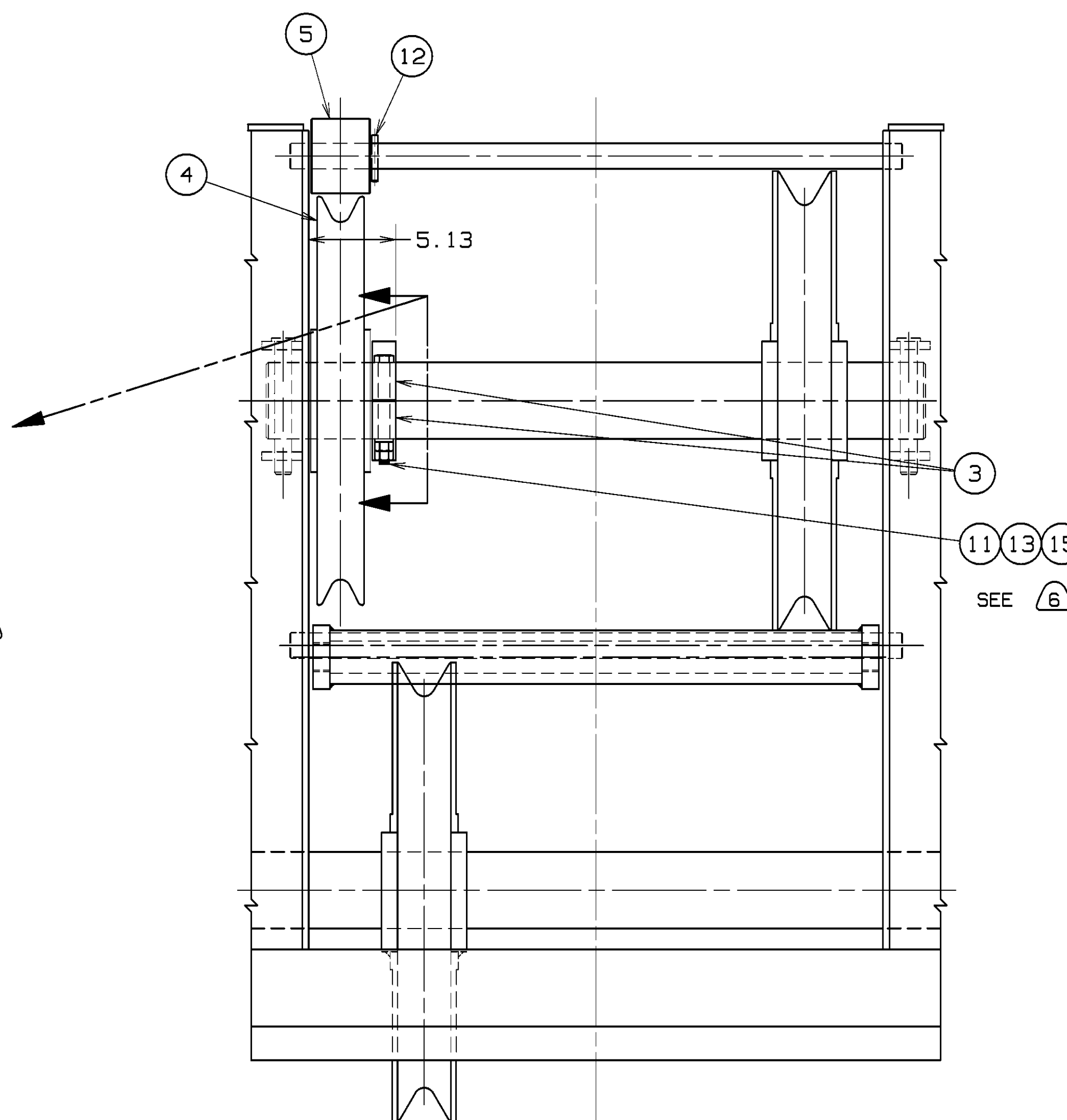
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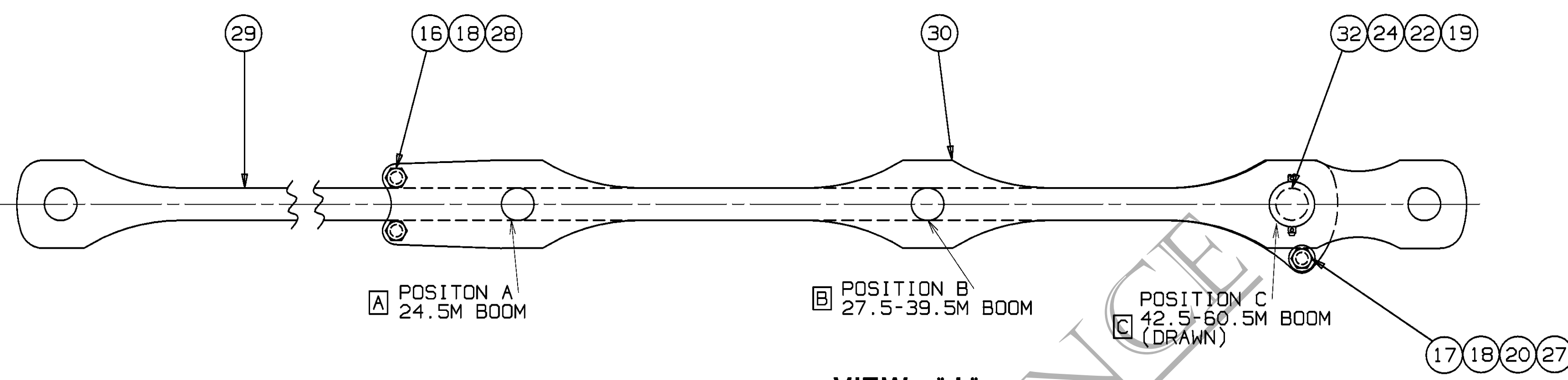
DETAIL M
SCALE: 0.38=1FT



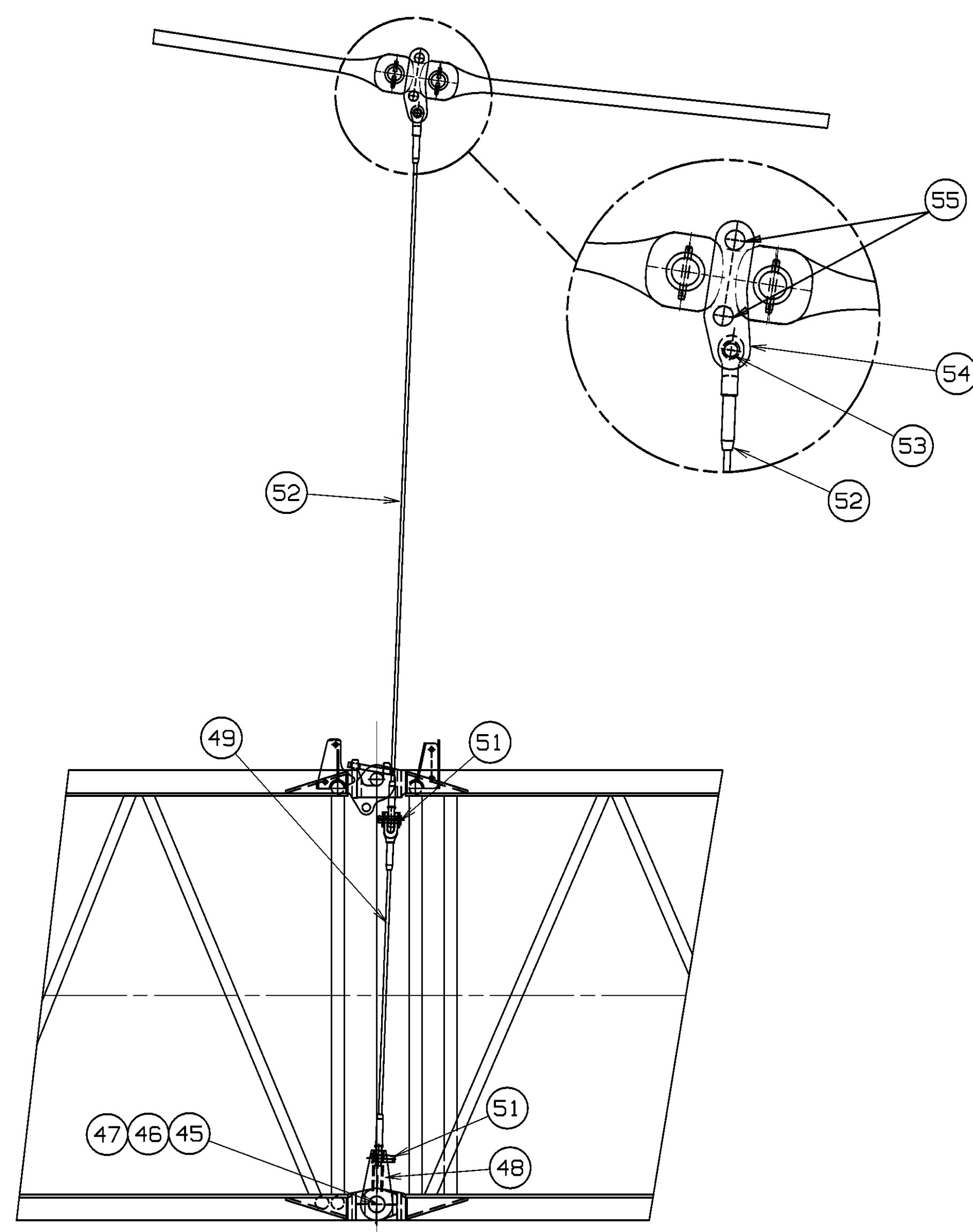
VIEW "J"
ADJUSTABLE BACKSTAY LINK CONFIGURATION
SCALE: 2=1FT



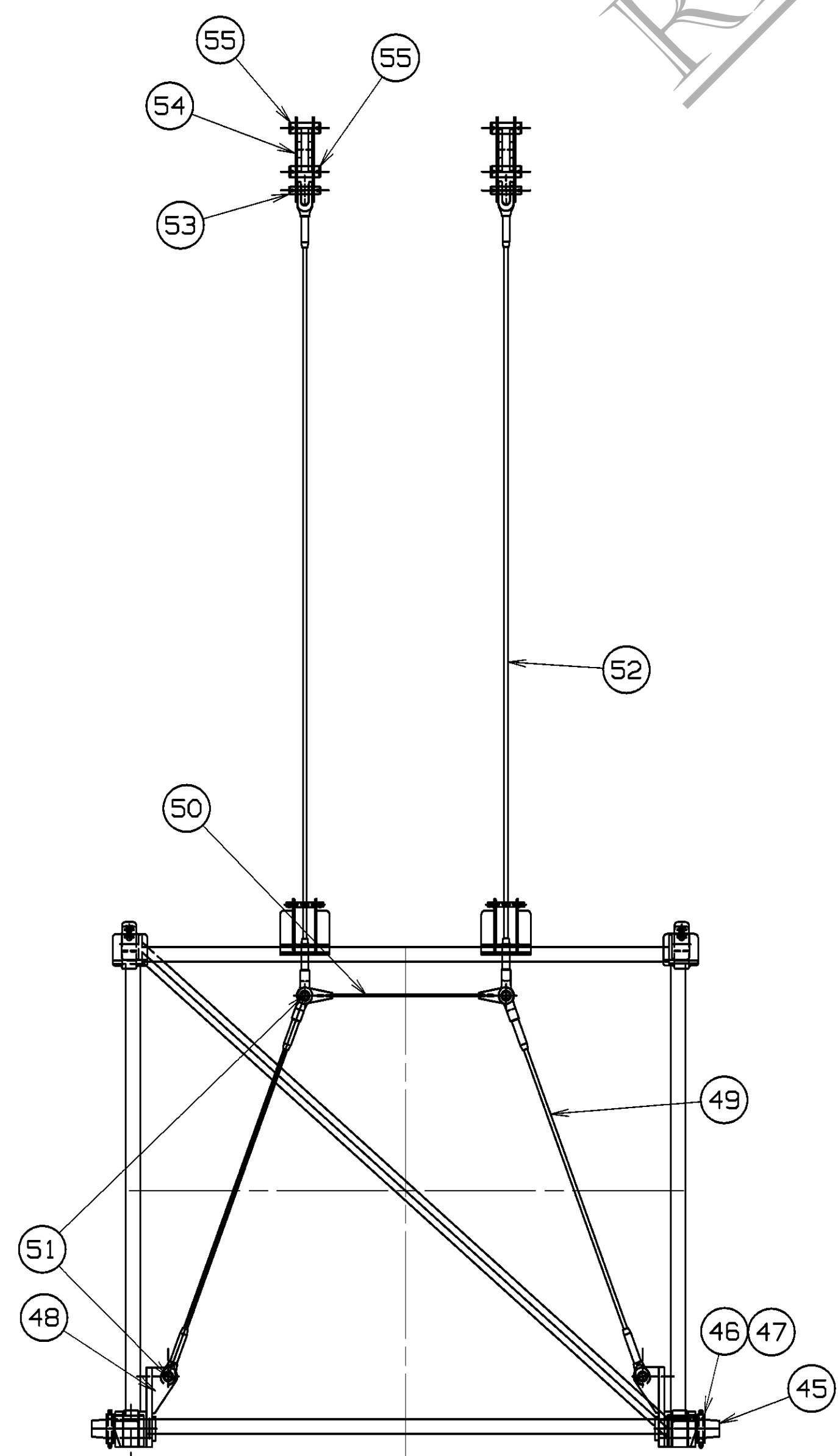
VIEW "H" - "H"
SCALE: 2.00 = 1FT



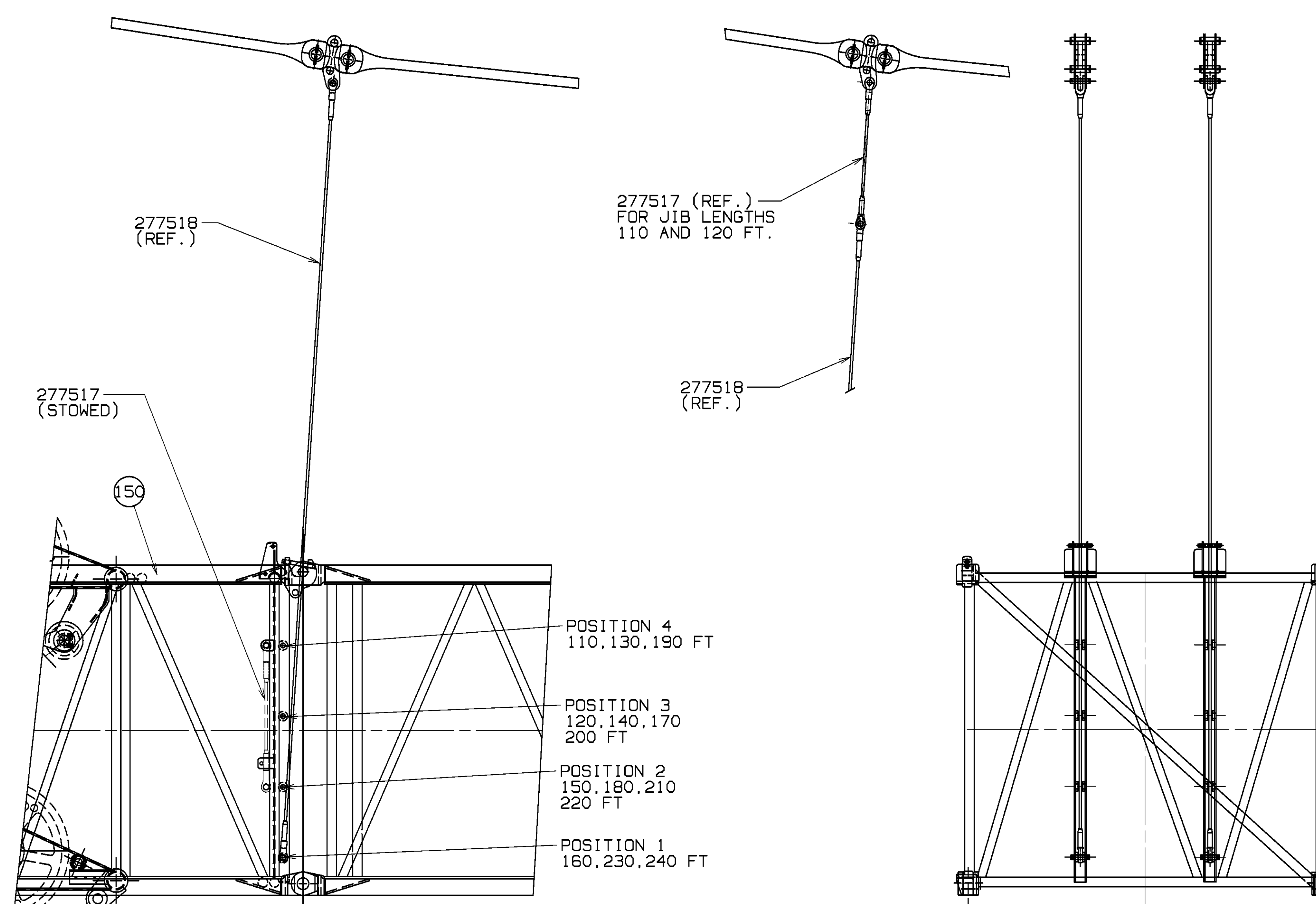
VIEW "J"
ADJUSTABLE BACKSTAY LINK CONFIGURATION
SCALE: 2=1FT



INTERMEDIATE SUSPENSION FOR 230-240 FT JIB WITHOUT INTERMEDIATE FALL INSERT
SCALE: .75=1FT



INTERMEDIATE SUSPENSION FOR 230-240 FT JIB WITHOUT INTERMEDIATE FALL INSERT
SCALE: .75=1FT



INTERMEDIATE SUSPENSION JIB WITH INTERMEDIATE FALL INSERT
SCALE: .75=1FT

TOLERANCE UNLESS OTHERWISE SPECIFIED				MACHINING				MANUFACTURING			
DECIMAL PLACES	FRACTIONS	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET	± 10 FEET
(1) PLACE 0.0	± .12	± .18	± .05	± .05	± .05	± .05	± .05	± .05	± .05	± .05	± .05
(2) PLACE 0.00	± .06	± .12	± .015	± .015	± .015	± .015	± .015	± .015	± .015	± .015	± .015
(3) PLACE 0.000	± .03	± .06	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005	± .005
ANGLES	± 1°	± 1°	± 1°	± 1°	± 1°	± 1°	± 1°	± 1°	± 1°	± 1°	± 1°

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