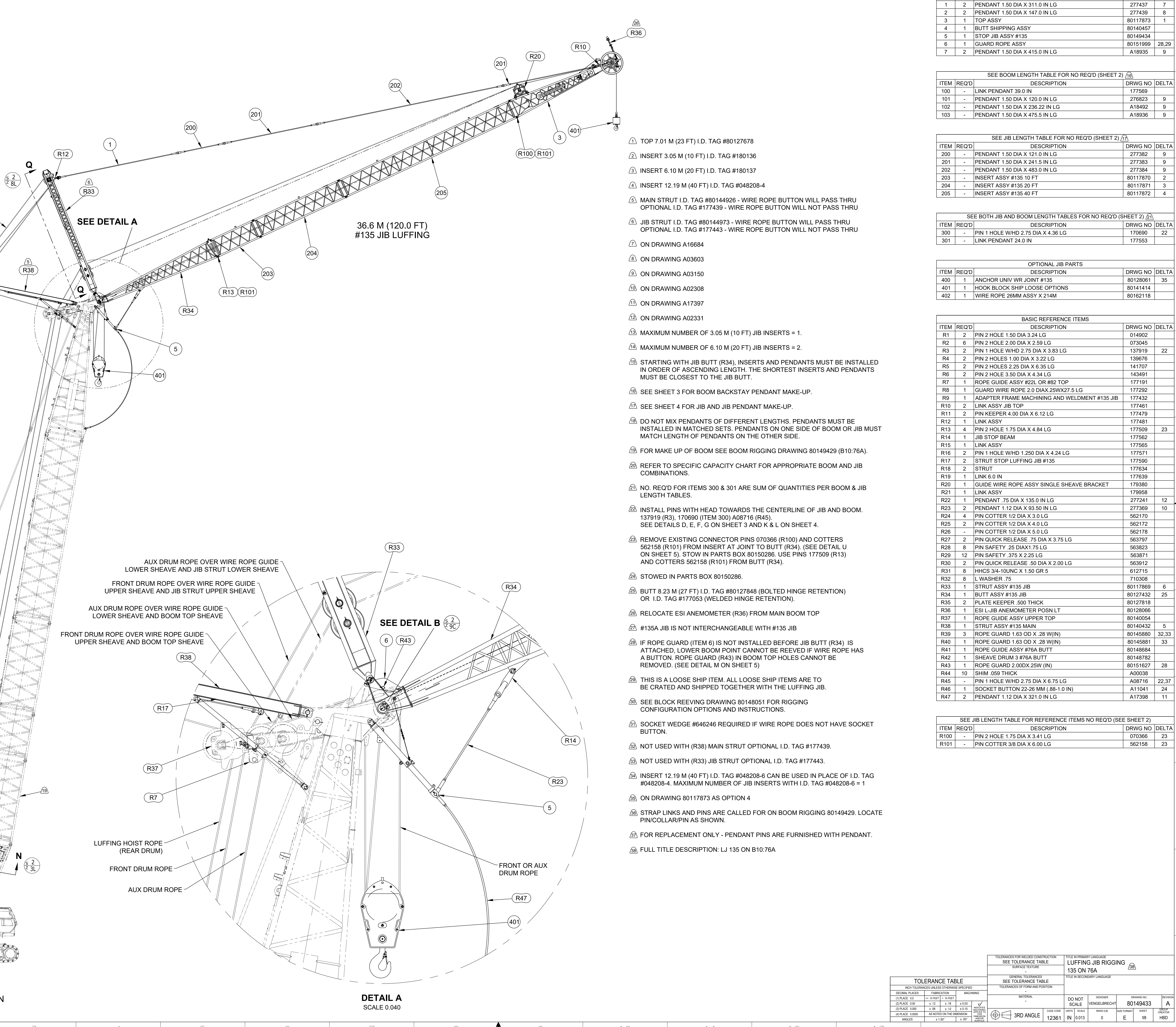
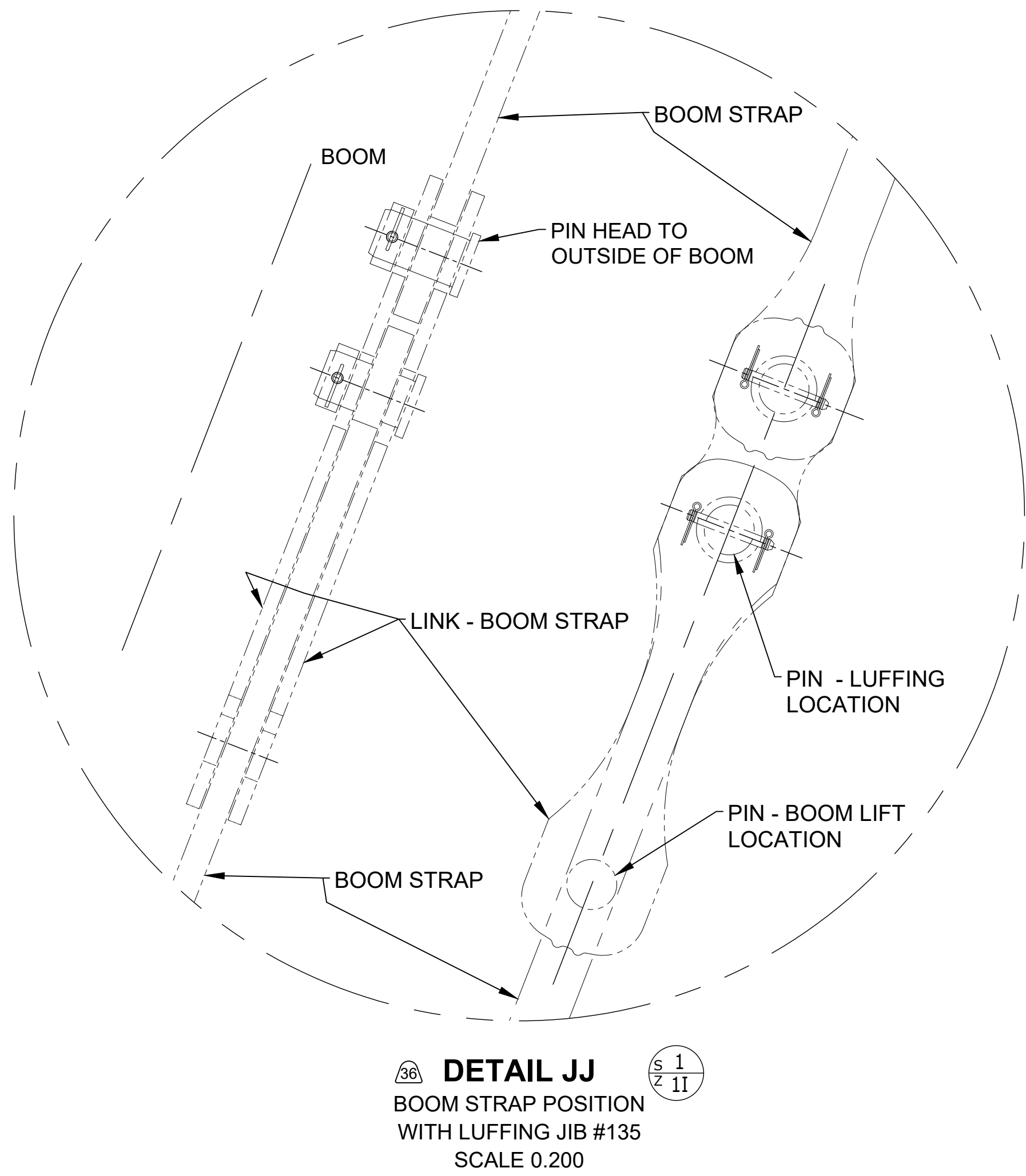
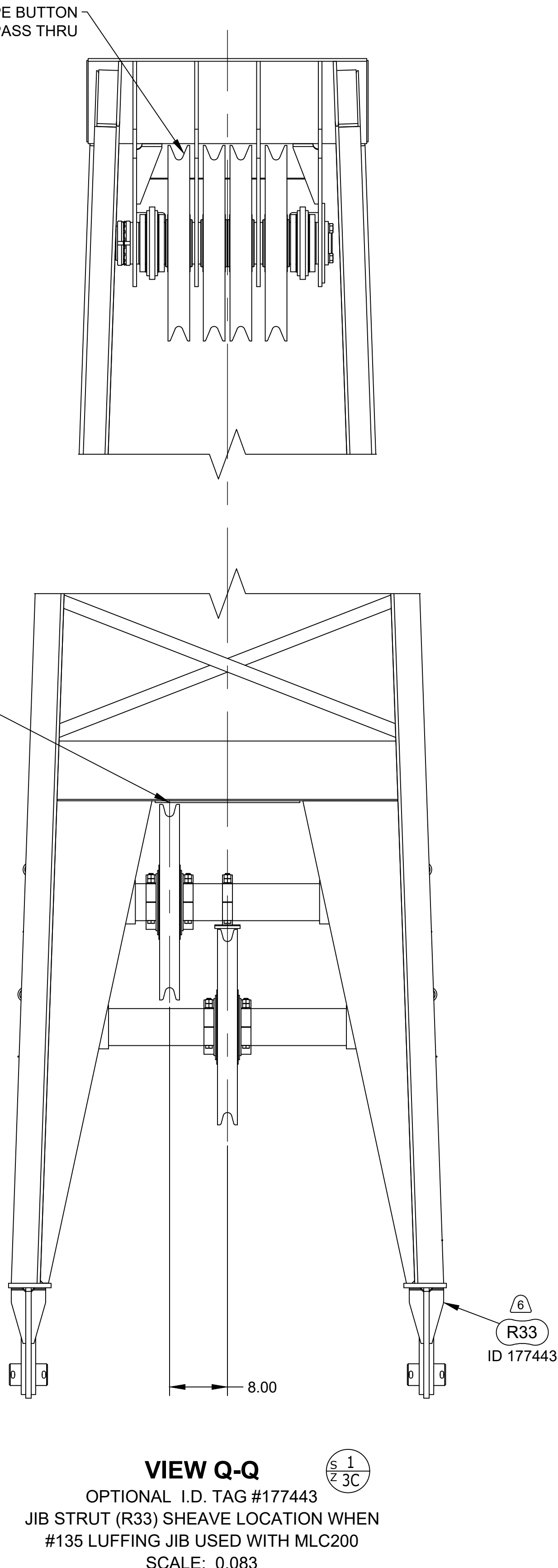
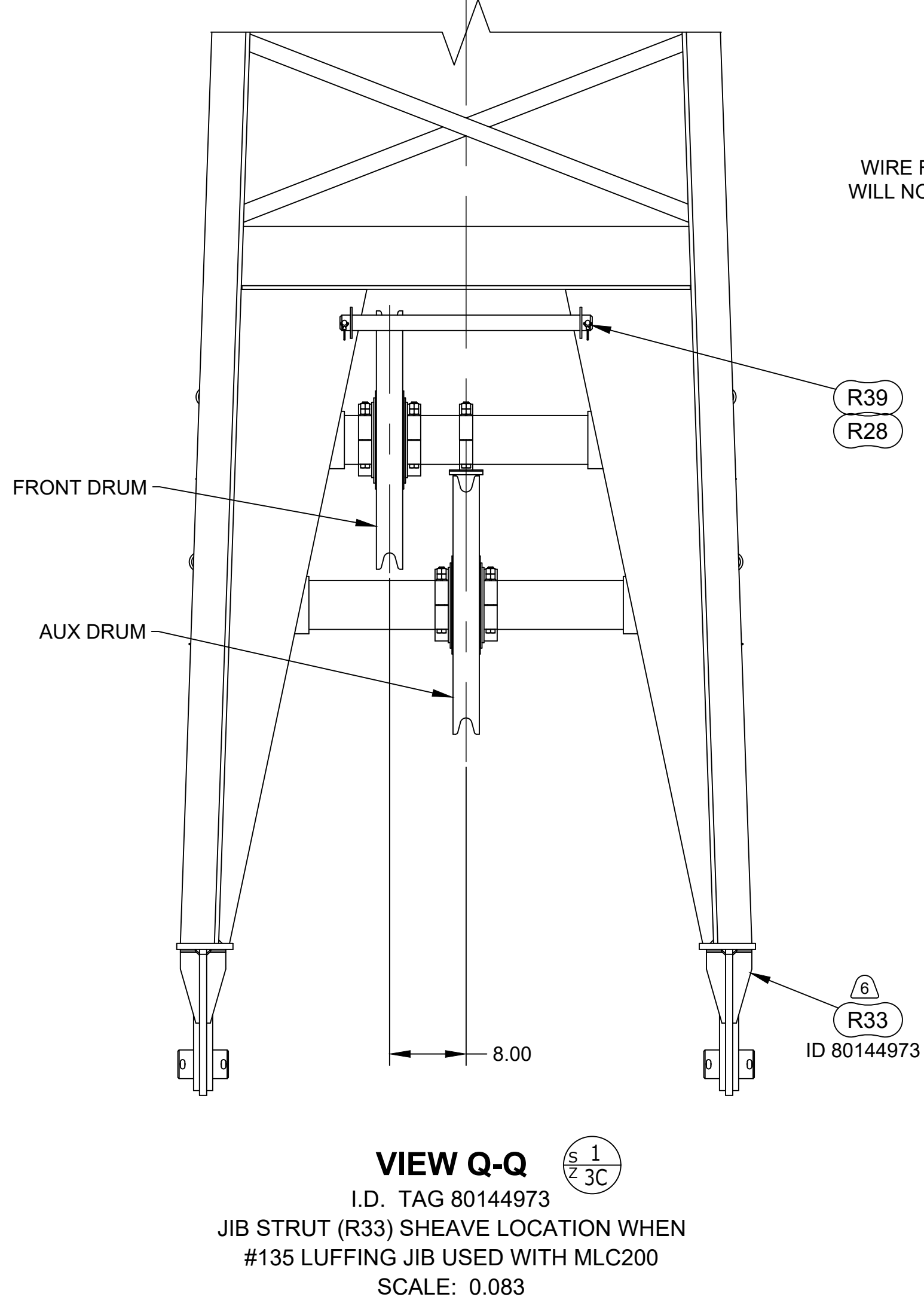
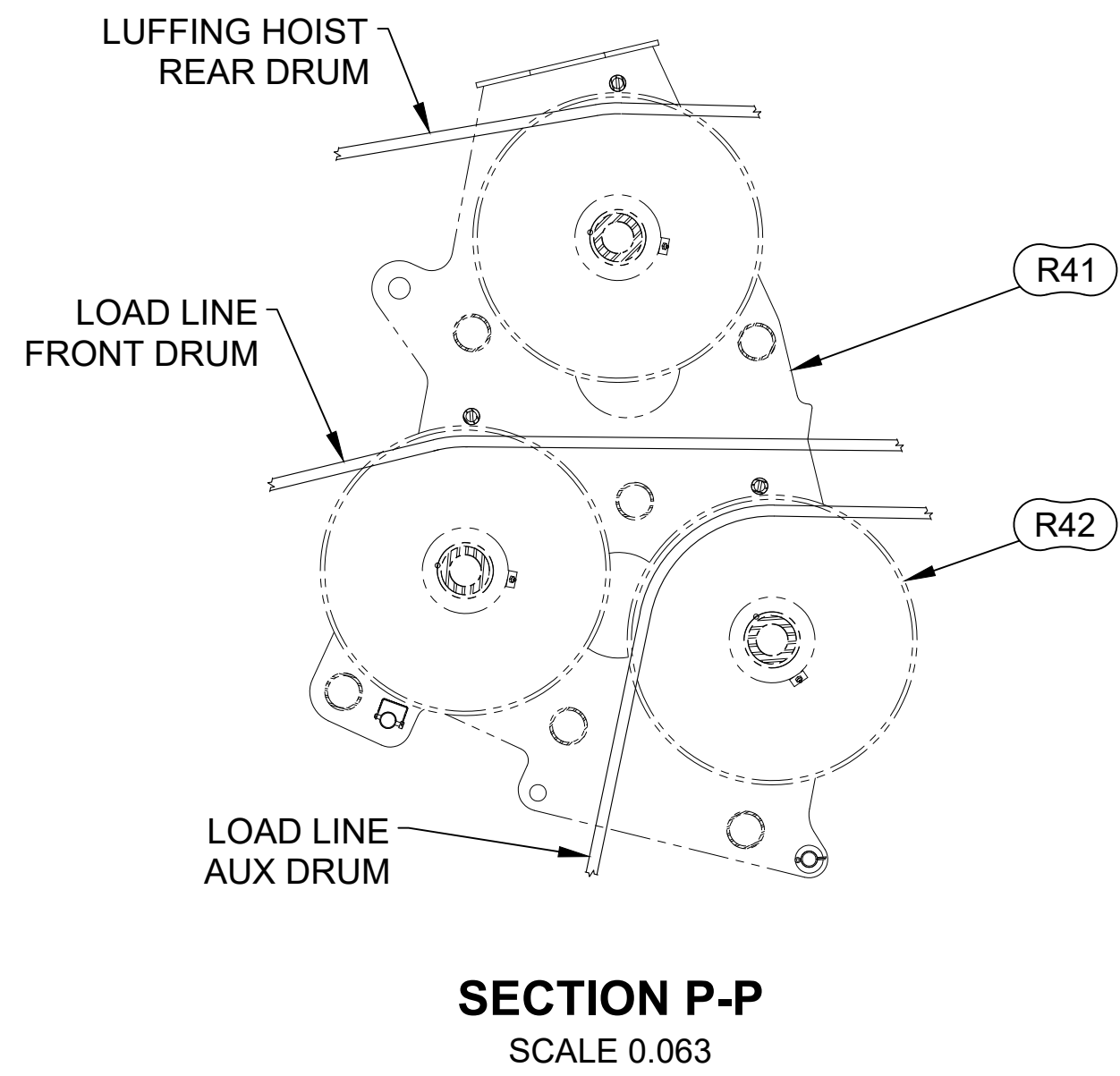
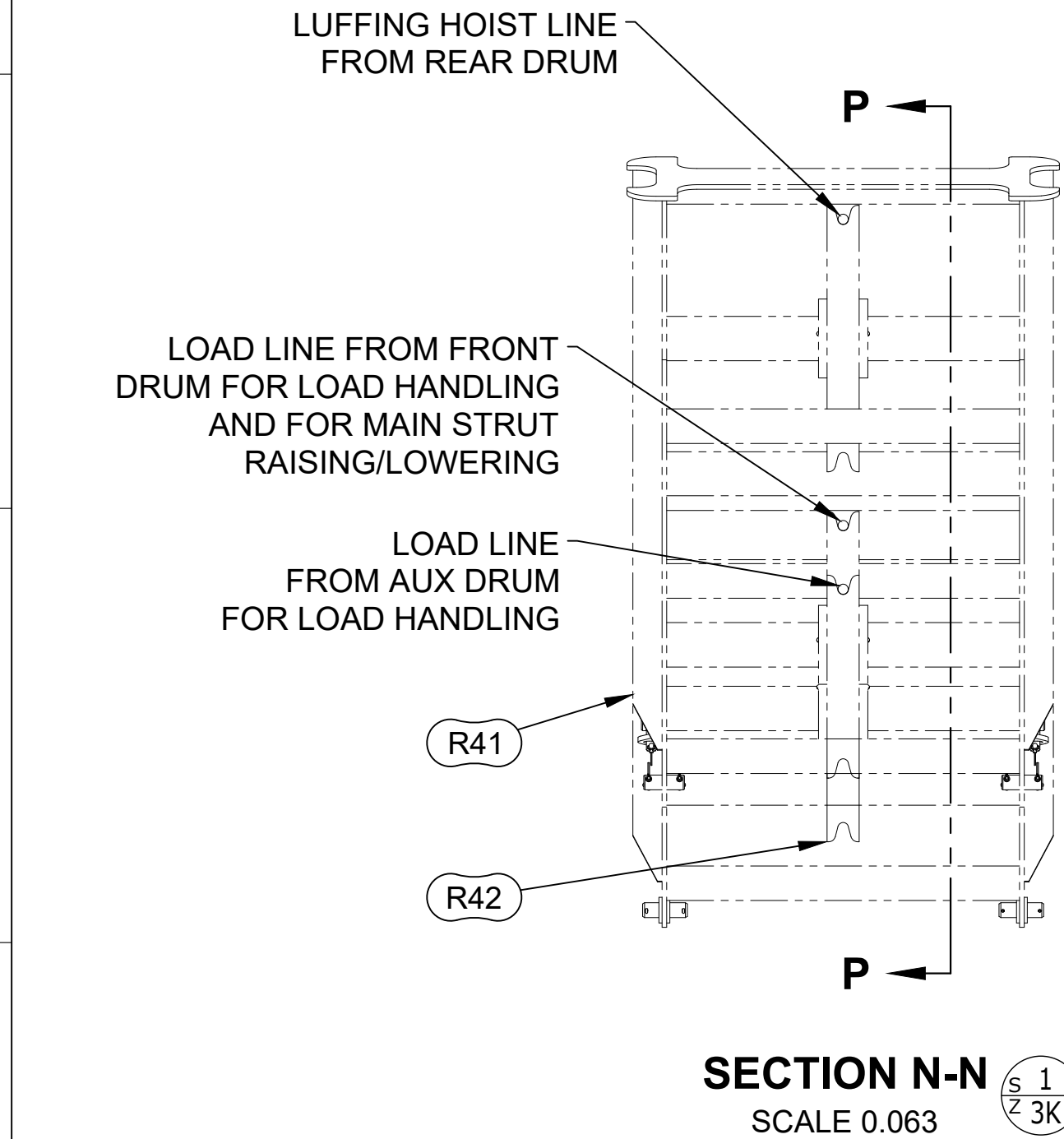


3	4	5	6	7	8	9	10	11	12	13	14	15	16			
											BILL OF MATERIAL - BASIC JIB					
											ITEM	REQ'D	DESCRIPTION		DRWG NO	DELTA

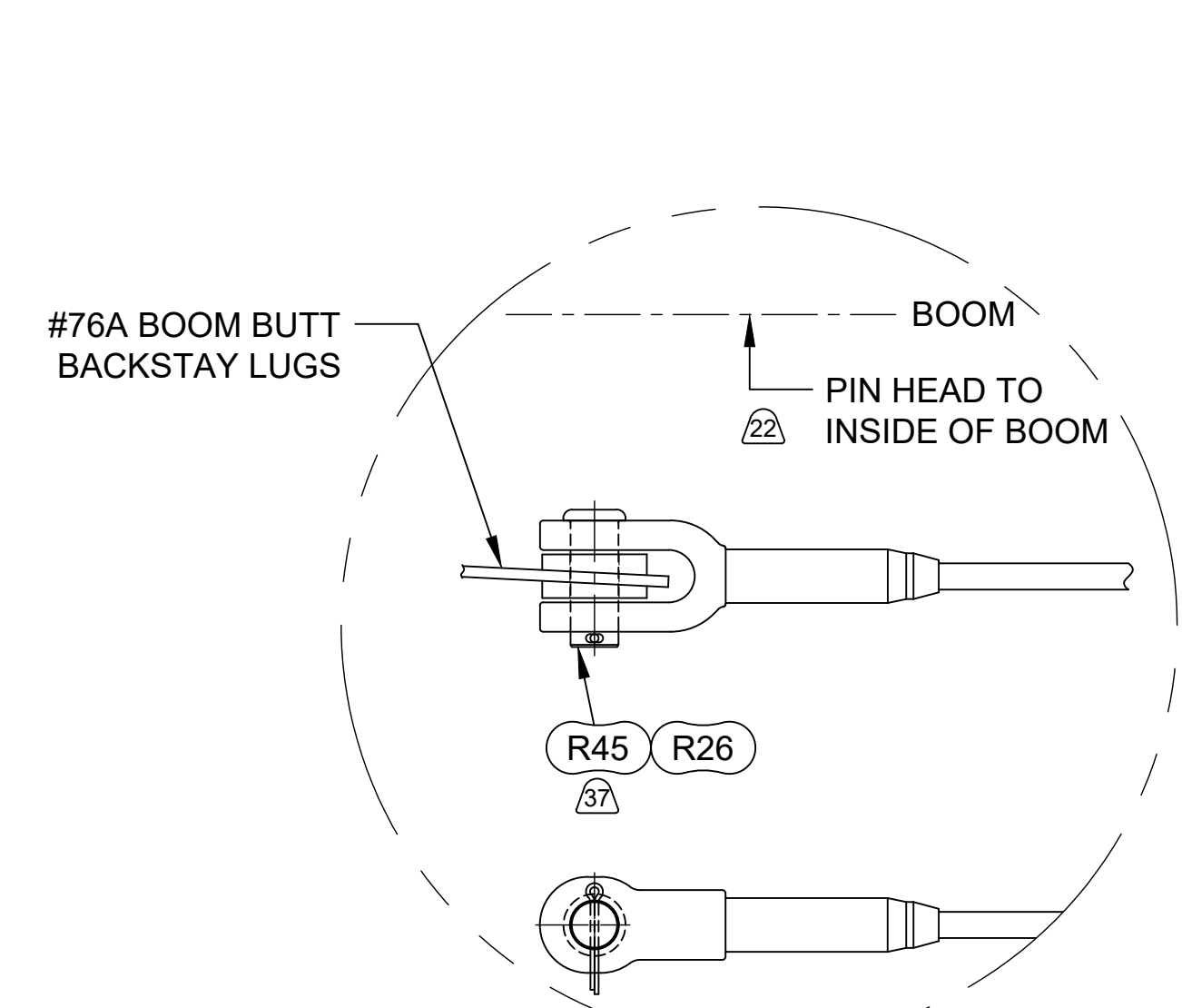
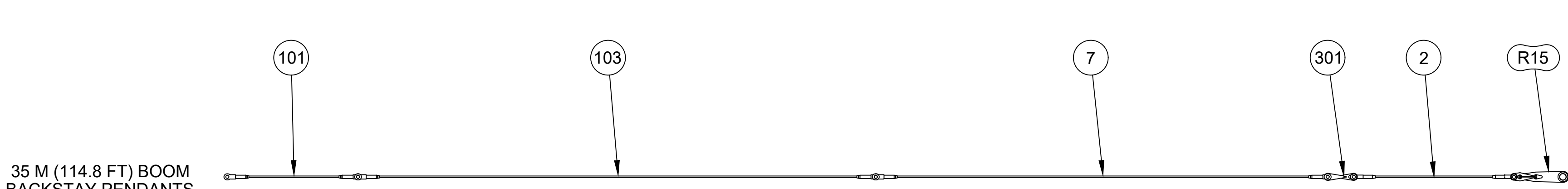
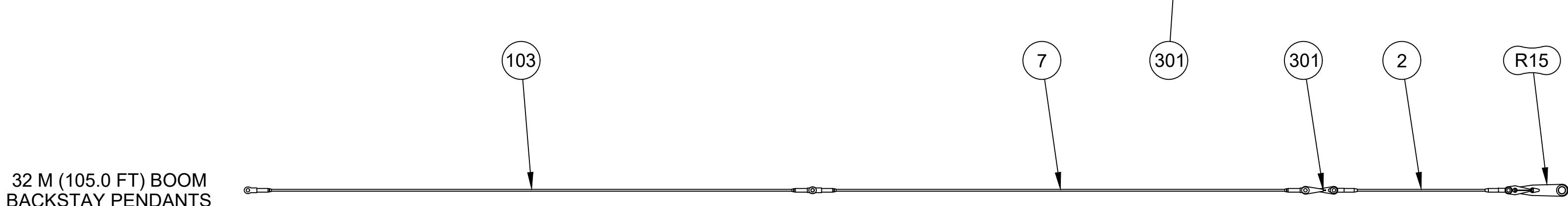
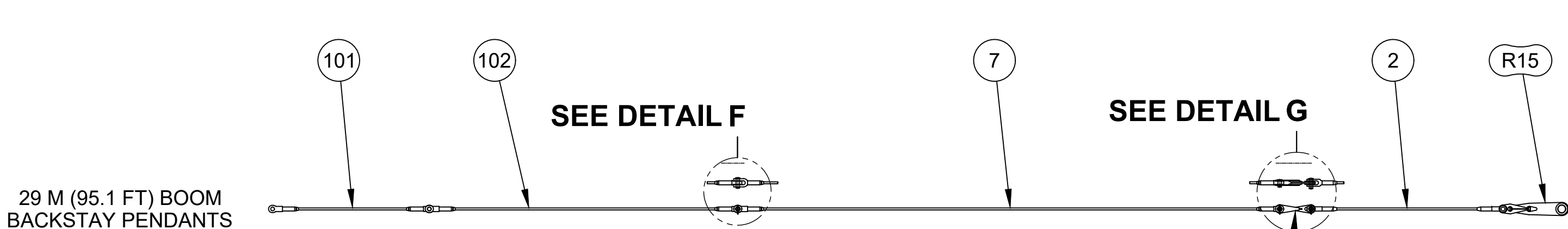
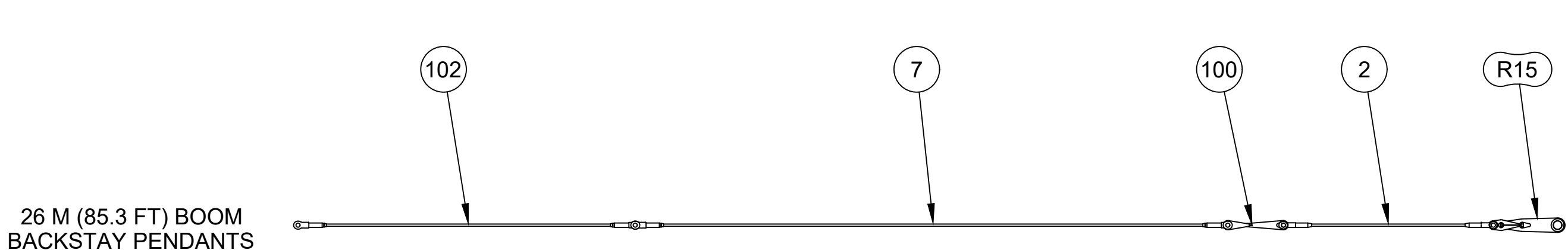
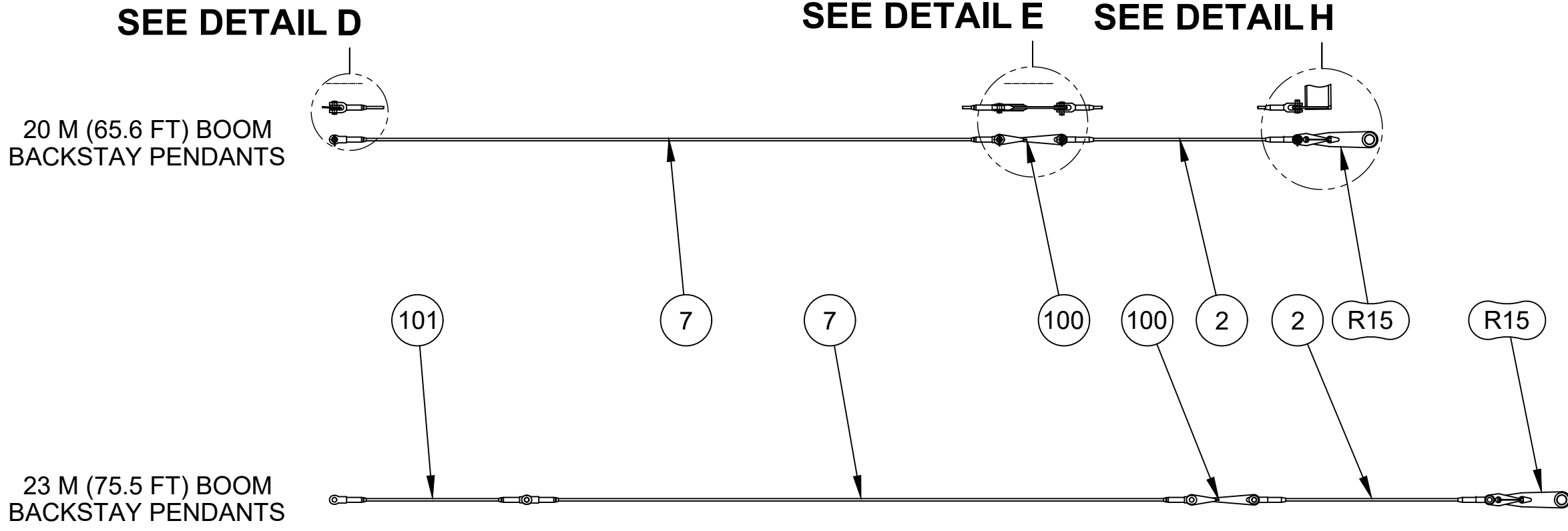
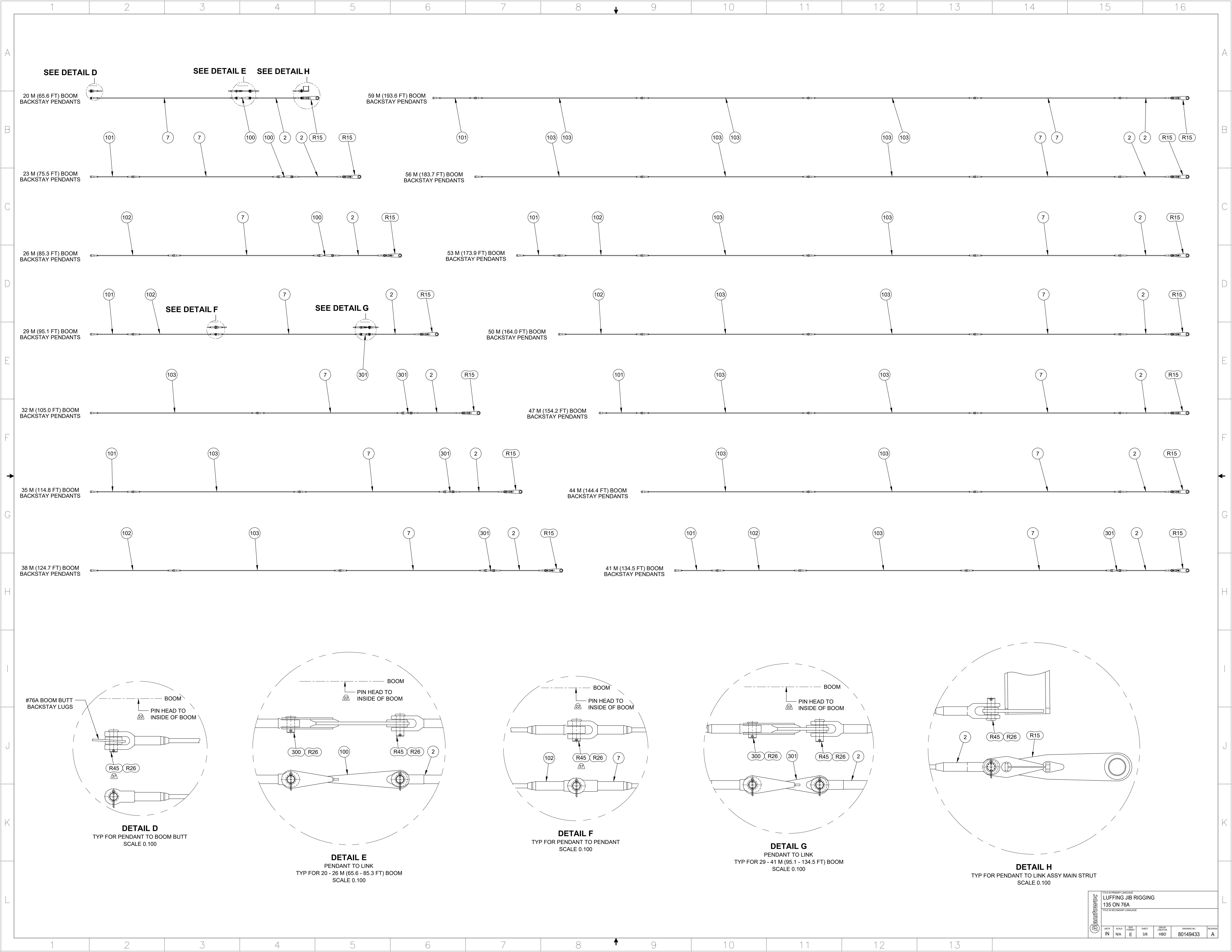


INSERTS, PENDANTS, LINKS AND PINS REQUIRED FOR VARIOUS JIB LENGTHS   											
#135 INSERTS				PENDANTS			LINK	PINS		COTTER PINS	
ITEM NO.	203	204	205	200	201	202	301	R100	300	R101	R26
DRWG NO.	80117870	80117871	80117872	277382	277383	277384	177553	070366	170690	562158	562178
JIB LENGTHS	INSERT 3.05 M (10 FT)	INSERT 6.10 M (20 FT)	INSERT 12.19 M (40 FT)	PENDANT 3.07 M (10 FT-1.0 IN)	PENDANT 6.13 M (20 FT-1.5 IN)	PENDANT 12.27 M (40 FT-3.0 IN)	LINK 610.0 MM (24.0 IN)	PIN 2 HOLE	PIN 1 HOLE W/HD	COTTER .375 X 6.0	COTTER .50 X 5.0
METERS	FEET										
21.3	70	0	1	0	0	4	0	4	2	8	2
24.4	80	1	1	0	2	4	0	2	8	2	2
27.4	90	0	2	0	0	6	0	2	8	2	2
		0	0	1	0	2	2	4	2	8	2
30.5	100	1	2	0	2	6	0	2	12	2	2
		1	0	1	2	2	2	8	2	16	2
33.5	110	0	1	1	0	4	2	0	8	0	0
36.6	120	1	1	1	2	4	2	0	12	0	0
39.6	130	0	2	1	0	6	2	0	12	0	0
		0	0	2	0	2	4	0	8	0	0
42.7	140	1	2	1	2	6	2	0	16	0	0
		1	0	2	2	2	4	0	12	0	0
45.7	150	0	1	2	0	4	4	0	12	0	0
48.8	160	1	1	2	2	4	4	0	16	0	0
51.8	170	0	2	2	0	6	4	0	16	0	0
		0	0	3	0	2	6	0	12	0	0

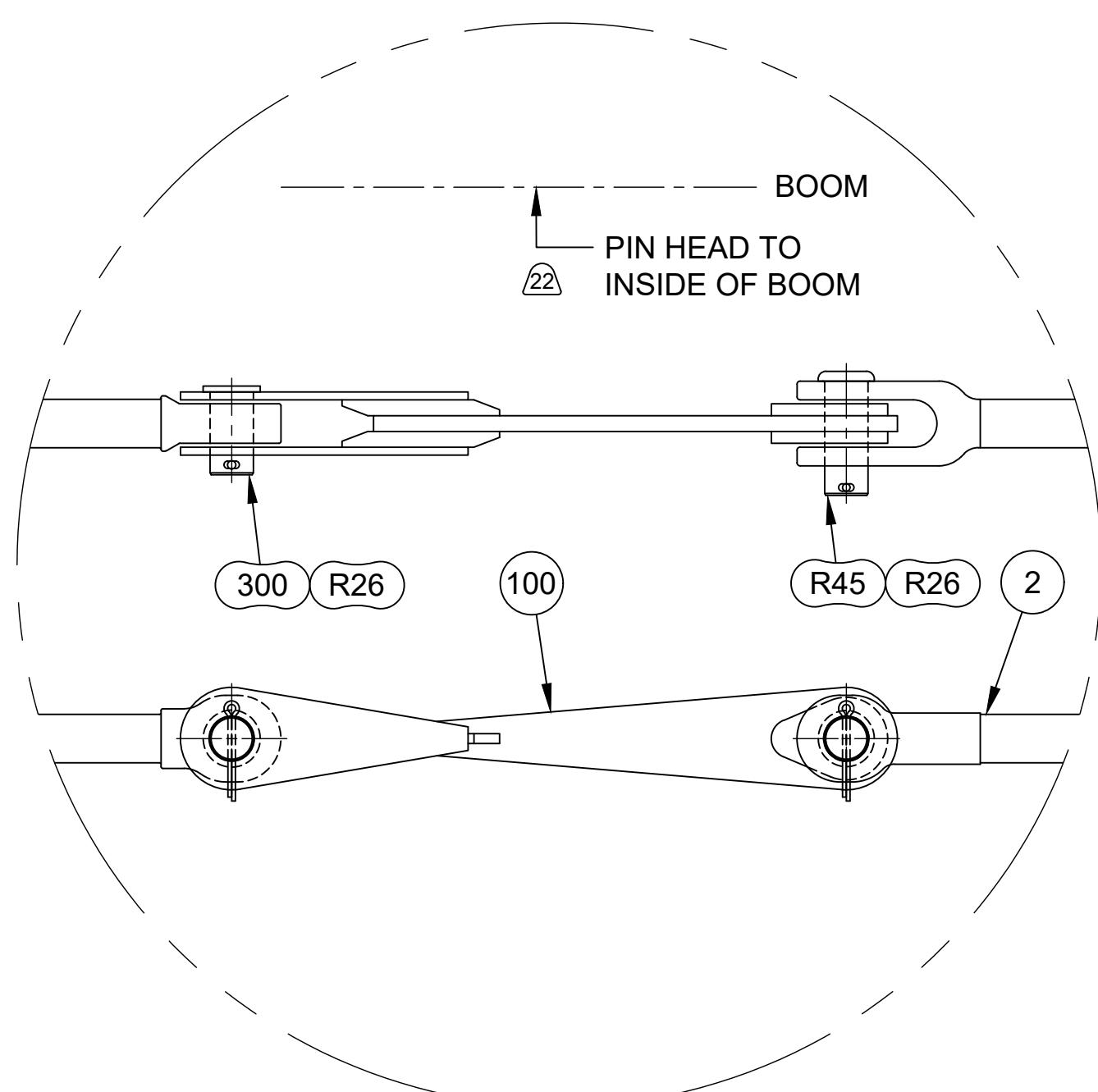
BACKSTAY PENDANTS, LINKS AND PINS REQ'D FOR VARIOUS BOOM LENGTHS   							
PENDANTS				LINKS		PIN	COTTER
ITEM NO.	101	102	103	100	301	300	R26
DRWG NO.	276823	A18492	A18936	177569	177553	170690	562178
BOOM LENGTHS	PENDANT 3.07 M (10 FT)	PENDANT 6.0 M (19 FT-8.2 IN)	PENDANT 12.08 M (39 FT-7.5 IN)	LINK 991.0 MM (39.0 IN)	LINK 610.0 MM (24.0 IN)	PIN 1 HOLE WITH HEAD	COTTER Ø.50 X 5.0 IN
METERS	FEET						
20	65.6	0	0	2	0	2	2
23	75.5	2	0	0	2	2	2
26	85.3	0	2	0	2	2	2
29	95.1	2	2	0	0	2	2
32	105.0	0	0	2	0	2	2
35	114.8	2	0	2	0	2	2
38	124.7	0	2	2	0	2	2
41	134.5	2	2	2	0	2	2
44	144.4	0	0	4	0	0	0
47	154.2	2	0	4	0	0	0
50	164.0	0	2	4	0	0	0
53	173.9	2	2	4	0	0	0
56	183.7	0	0	6	0	0	0
59	193.6	2	0	6	0	0	0



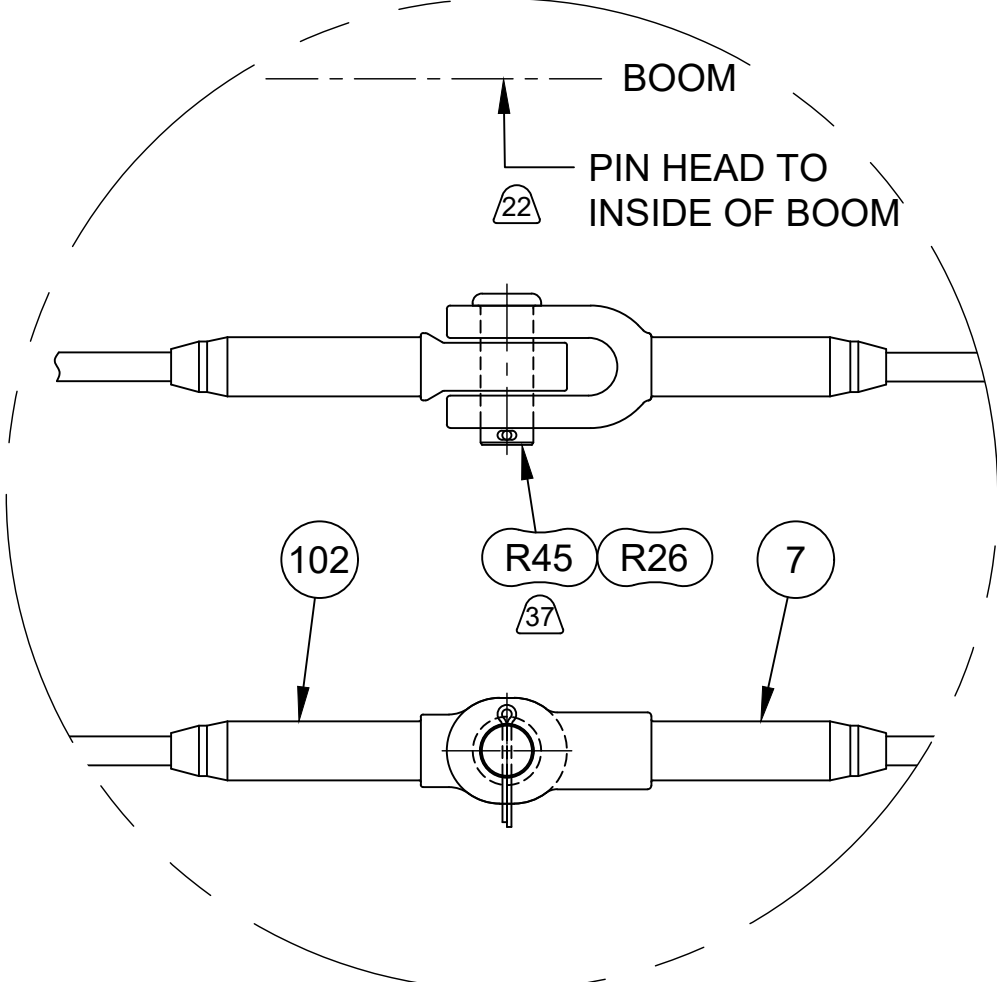
TITLE IN PRIMARY LANGUAGE									
LUFFING JIB RIGGING									
135 ON 76A									
TITLE IN SECONDARY LANGUAGE									
UNITS	SCALE	SIZE	SHEET	GROUP	DRAWING NO.		REVISION		
IN	N/A	E	2/8	HBD	80149433		A		



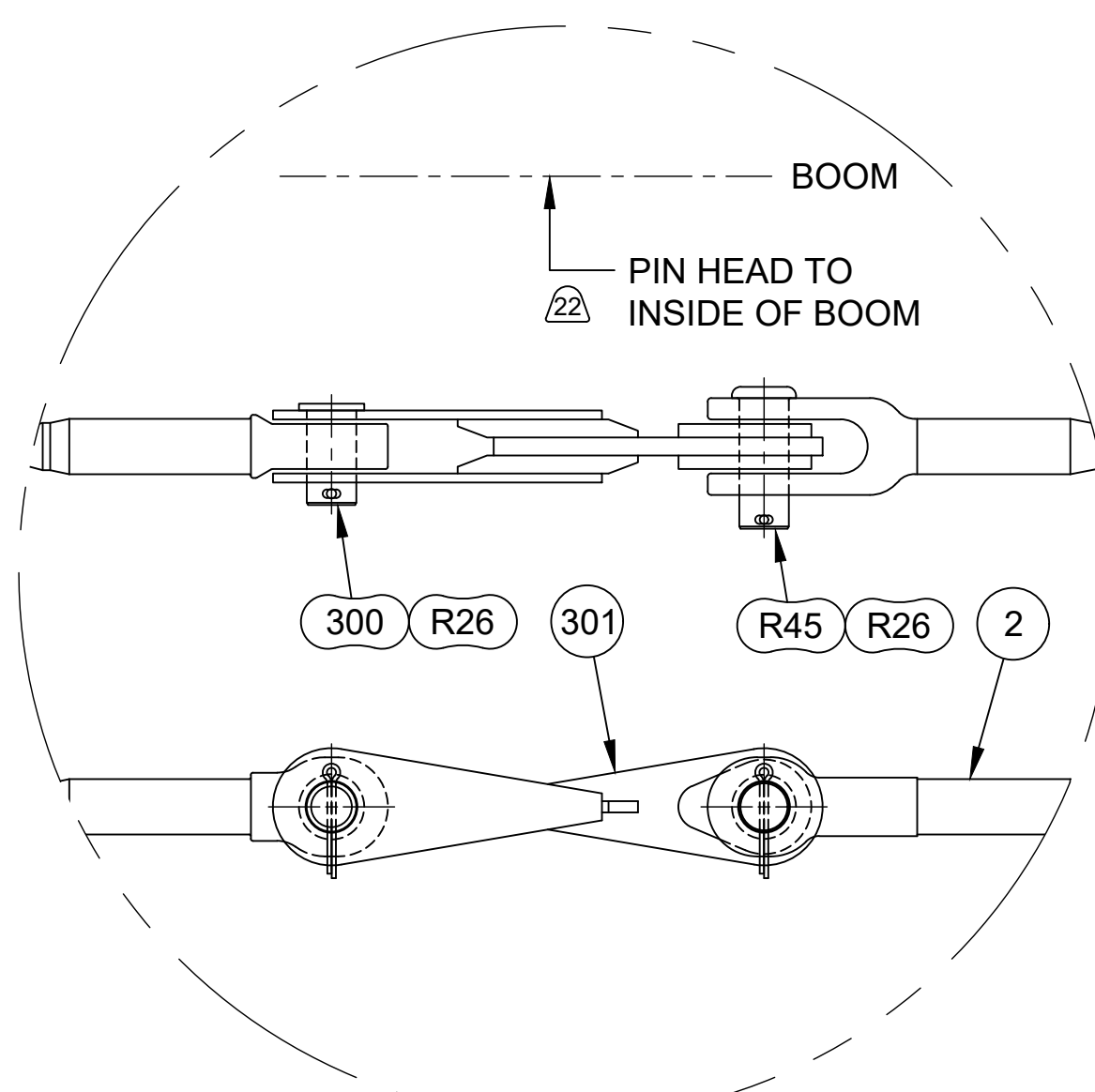
DETAIL D
TYP FOR PENDANT TO BOOM BUTT
SCALE 0.100



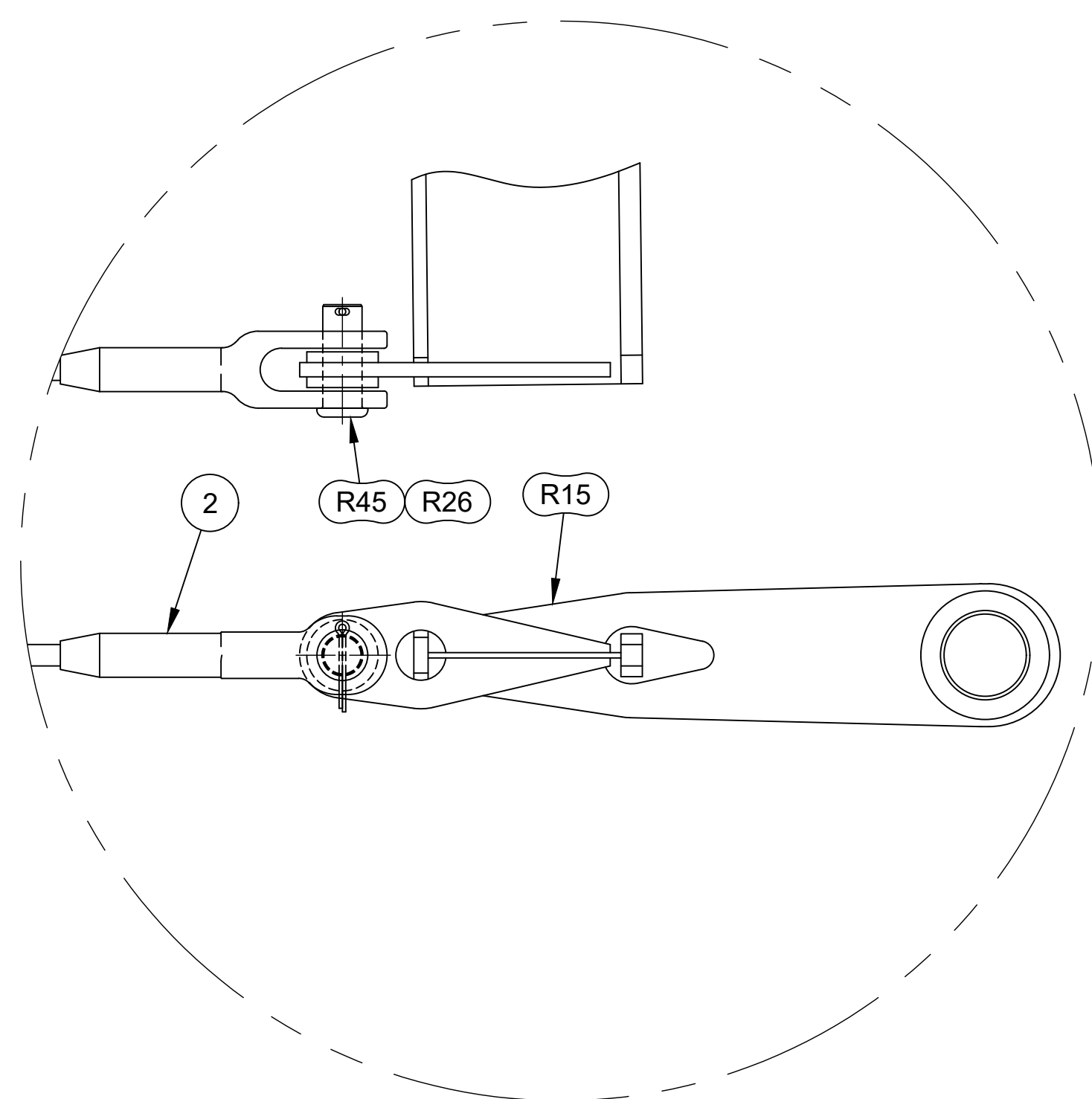
DETAIL E
PENDANT TO LINK
TYP FOR 20 - 26 M (65.6 - 85.3 FT) BOOM
SCALE 0.100



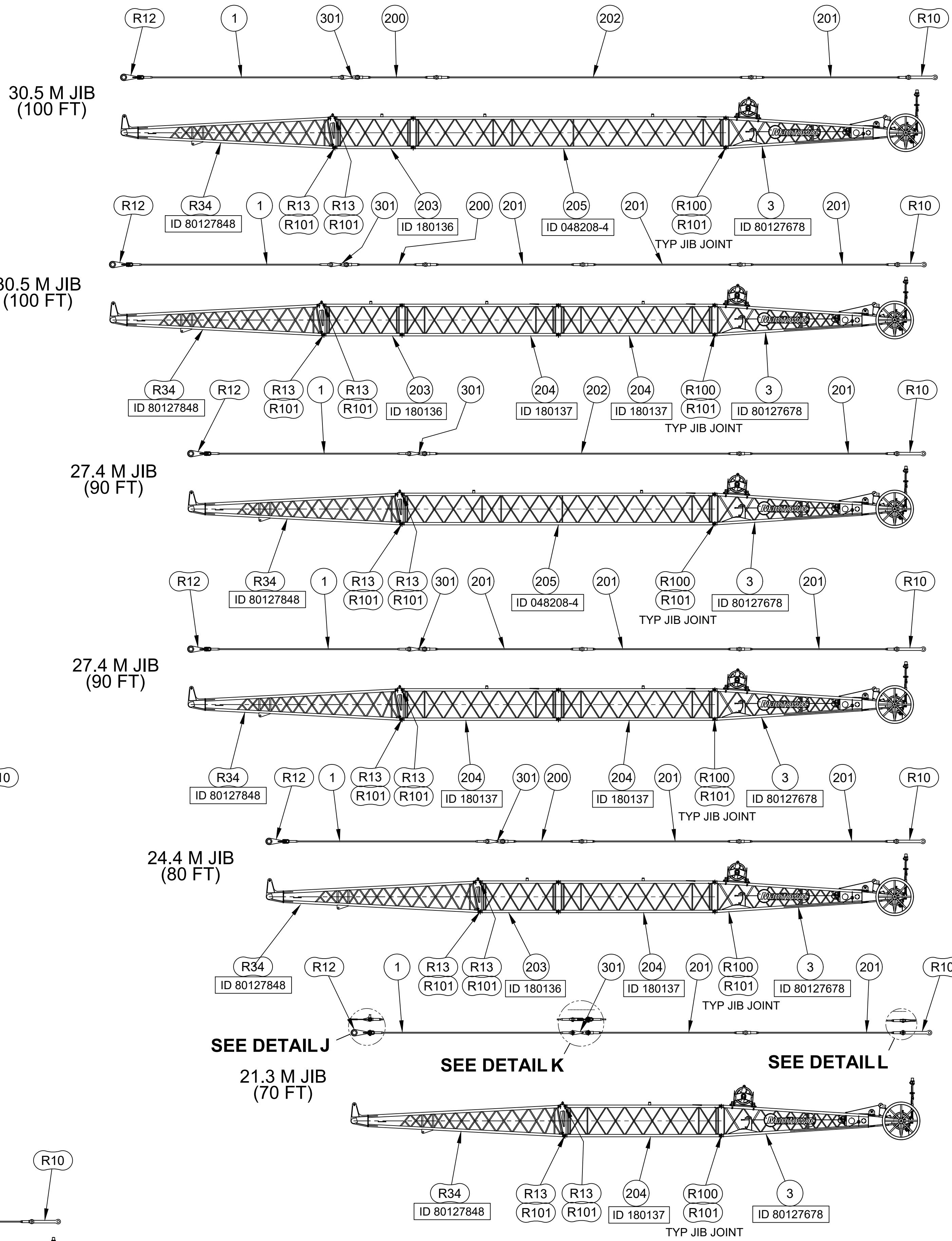
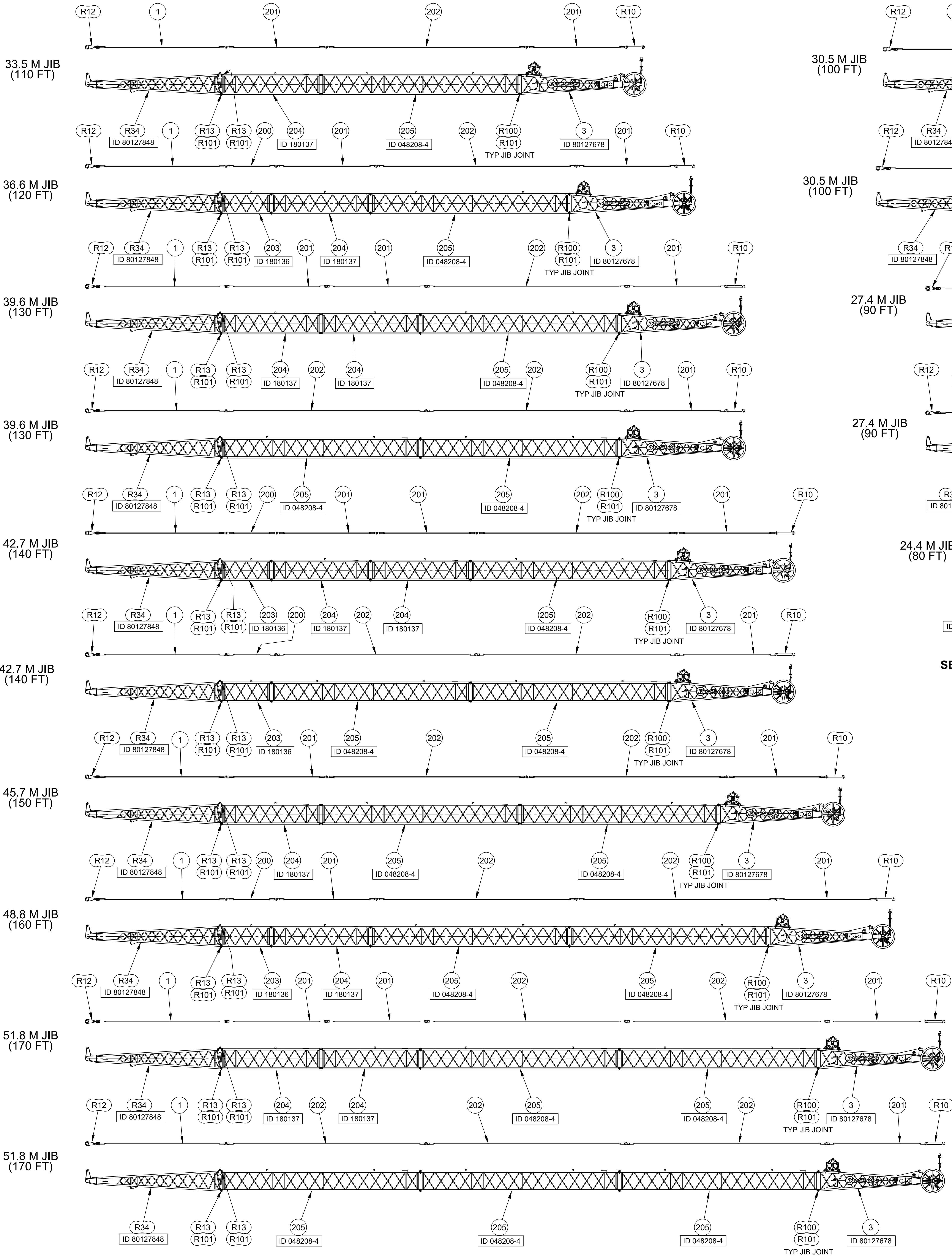
DETAIL F
TYP FOR PENDANT TO PENDANT
SCALE 0.100



DETAIL G
PENDANT TO LINK
TYP FOR 29 - 41 M (95.1 - 134.5 FT) BOOM
SCALE 0.100



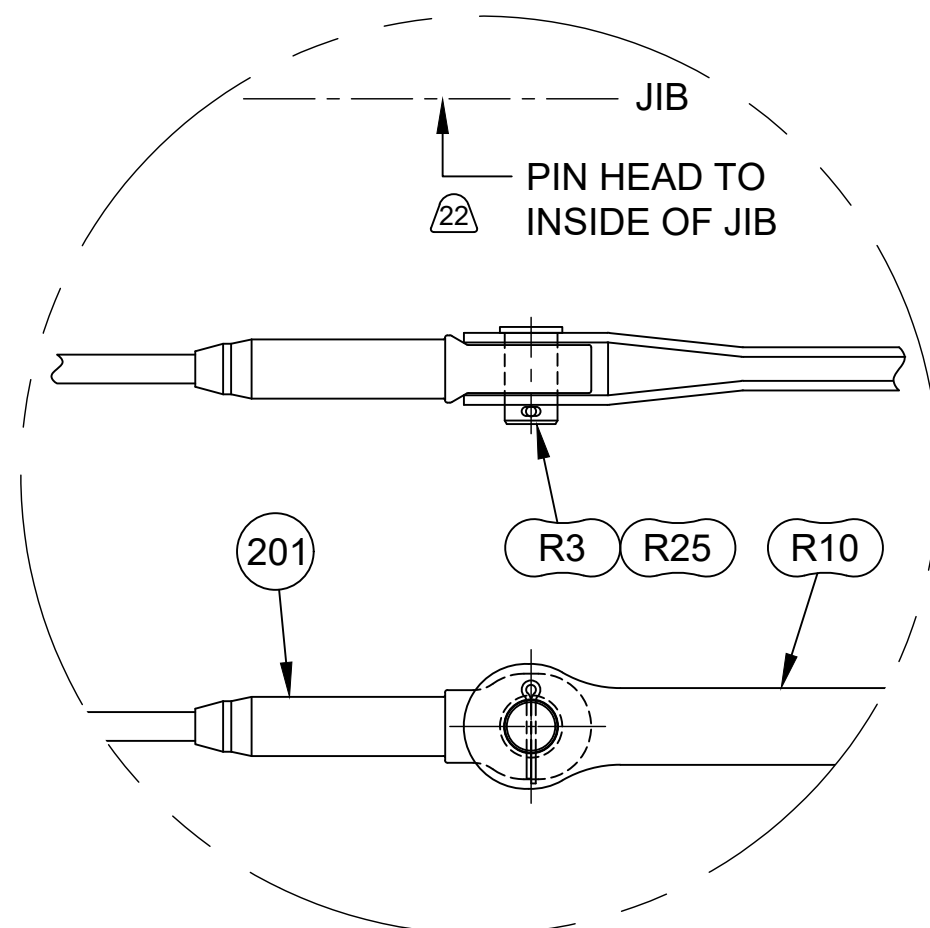
DETAIL H
TYP FOR PENDANT TO LINK ASSY MAIN STRUT
SCALE 0.100



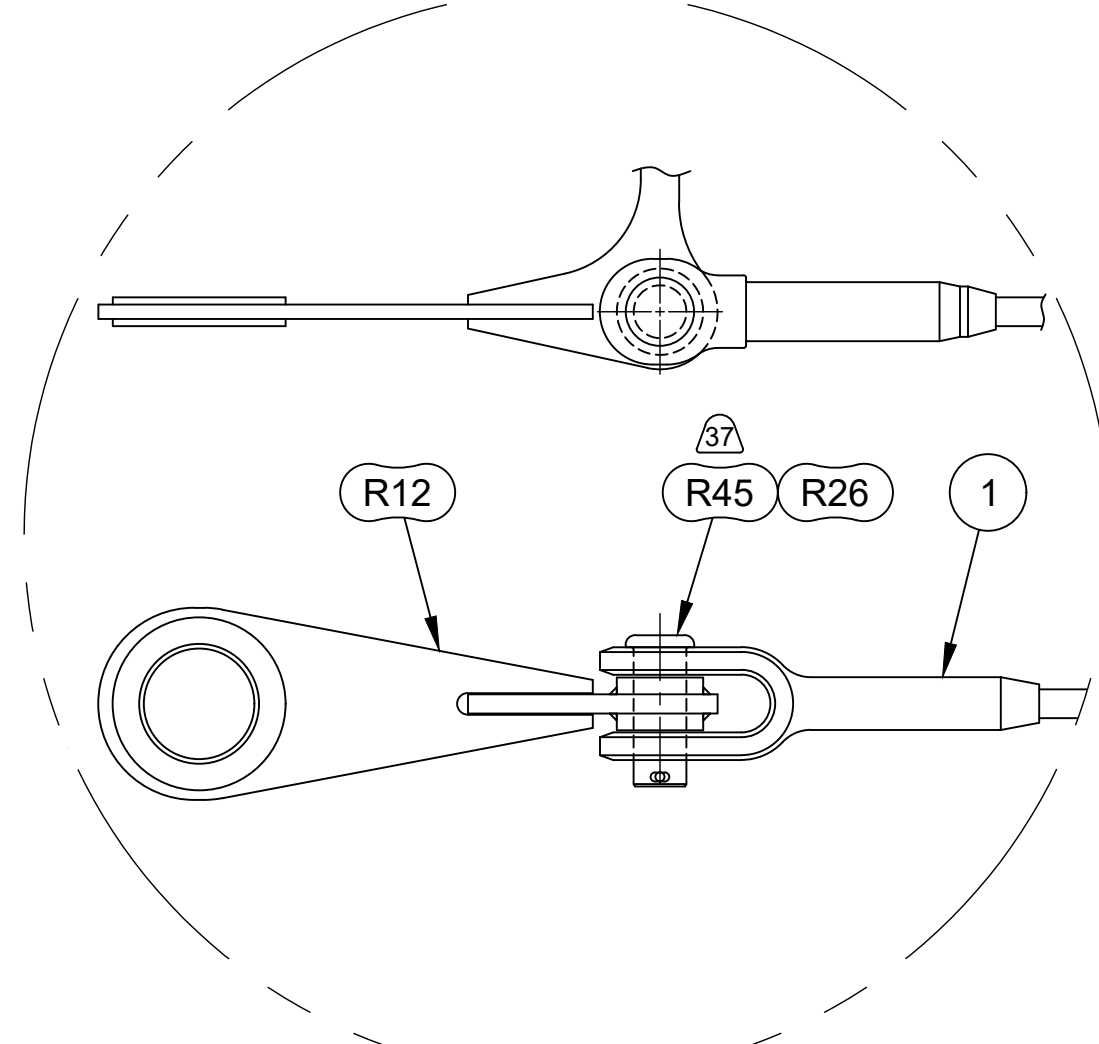
SEE DETAIL J
21.3 M JIB
(70 FT)

SEE DETAIL K

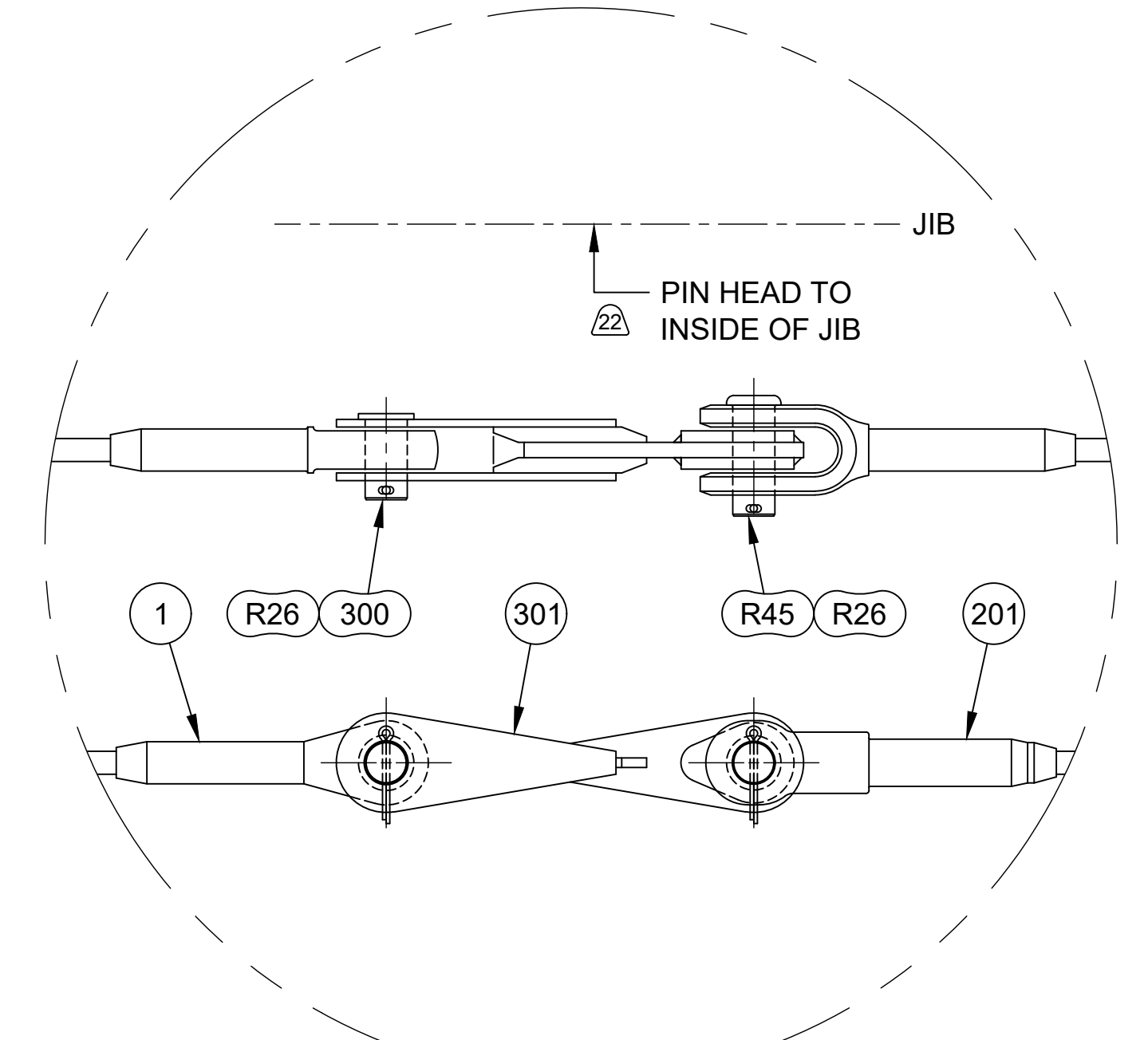
SEE DETAIL L



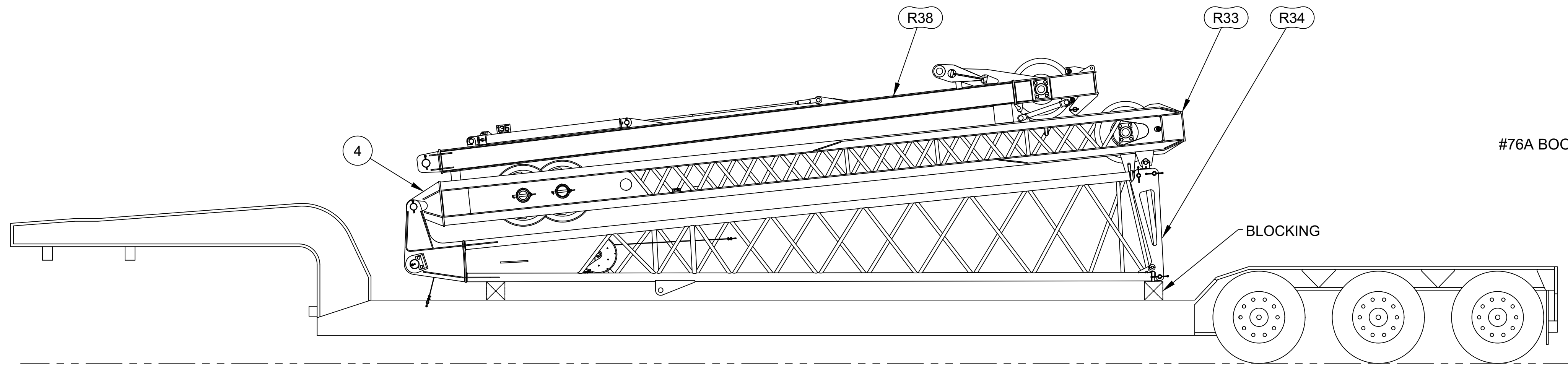
DETAIL L
TYP FOR PENDANT TO LINK ASSY - JIB TOP
SCALE 0.100



DETAIL J
TYP FOR PENDANT TO LINK ASSY - JIB STRUT
SCALE 0.100

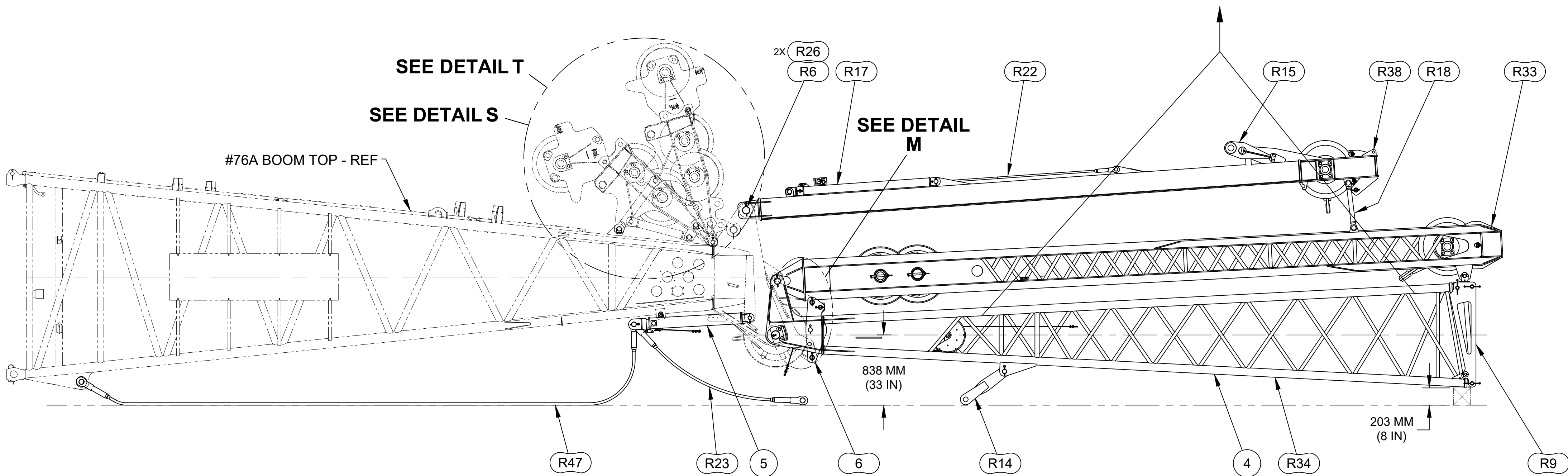


DETAIL K
PENDANT TO LINK
TYP FOR 21.3 - 30.5 M (70 - 100 FT) JIB LENGTH
SCALE 0.100



LUFFING JIB BUTT SHIPPING CONFIGURATION - ITEM 4
SCALE: 0.031

SHIPPING CONFIGURATION CONSISTS OF THE
JIB BUTT (R34), MAIN STRUT (R38), JIB STRUT (R33)



STEP 1
LUFFING JIB ASSEMBLY TO BOOM
SCALE: 0.031

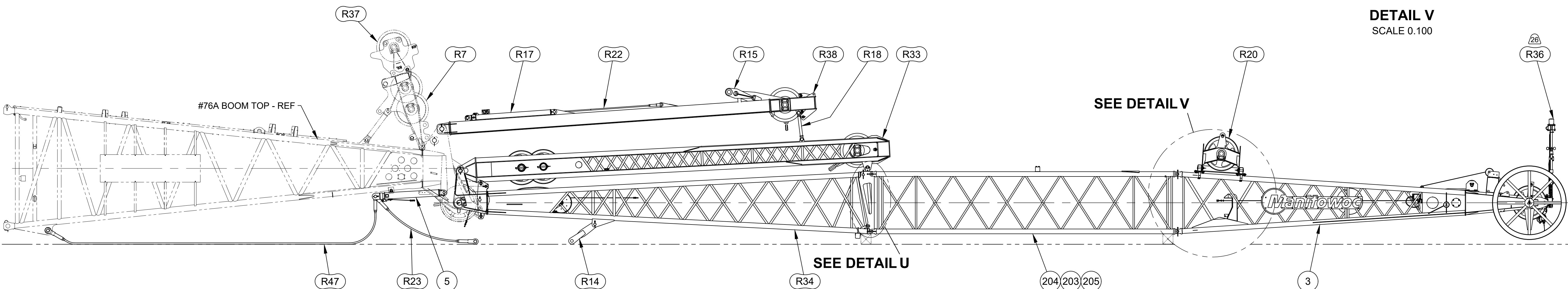
BOOM TOP PREP: REMOVE LOWER POINT ROPE GUARD (R43) FROM BOOM TOP AND SET ASIDE. USING UPPER AND LOWER TUBE PINS, INSTALL ROPE GUARD ASSY (ITEM 6) ONTO BOOM TOP AS SHOWN. INSTALL (R43) INTO (ITEM 6) USING COTTER PINS IN HOLES NEAREST BOOM CENTERLINE.
WHEN REEVING LOWER POINT, REMOVE UPPER PIN FROM GUARD (ITEM 6) AND SWING DOWN OUT OF THE WAY. WHEN REEVING IS COMPLETE SWING BACK AND RE-INSTALL PIN.
NOTE: IF ROPE GUARD (ITEM 6) IS NOT INSTALLED BEFORE JIB BUTT (R34) IS ATTACHED, LOWER BOOM POINT CANNOT BE REEVED IF WIRE ROPE HAS A BUTTON. ROPE GUARD (R43) IN BOOM TOP HOLES CANNOT BE REMOVED (SEE DETAIL MM).

ATTACH LIFTING SLINGS CHOKED AROUND JIB BUTT CHORDS AND LIFT SHIPPING CONFIGURATION (ITEM 4) INTO POSITION AT END OF BOOM TOP AS SHOWN. WITH BLOCKING IN PLACE TO SUPPORT (ITEM 4), LOWER AND ALIGN HOLES IN BOOM TOP LUGS. FASTEN WITH PINS AND KEEPER PLATES USING BOLTED HINGE RETENTION - ID TAG #80127848 (SHOWN) OR WELDED HINGE RETENTION - ID TAG #177053. ONE OF THESE METHODS MUST BE USED. AS PINS ARE INSTALLED USE AN EQUAL AMOUNT OF SHIMS (R44) ON OUTBOARD SIDE SO JIB IS CENTERED ON BOOM TOP (SEE DETAIL B AND SECTION C-C ON SHEET 2).

ATTACH LIFTING SLINGS TO MAIN STRUT ASSY (R38) AND LIFT INTO POSITION. ALIGN HOLES ON MAIN STRUT TO LUGS ON BOOM TOP. FASTEN WITH PINS (R6) AND COTTER PINS (R26).

IF JIB STOP ASSY (ITEM 5) IS NOT ALREADY ASSEMBLED TO BOOM TOP, USE A FORKLIFT TO RAISE INTO POSITION UNDER BOOM TOP. ALIGN HOLES AND PIN JIB STOP ASSY TO BOOM TOP IN THE SHIPPING OR RETRACTED POSITION. PIN PENDANT (R23) TO JIB STOP STRUT AND LAY ON GROUND TOWARDS JIB BUTT. PIN PENDANT (R47) TO JIB STOP STRUT AND JIB STOP PENDANT LUGS ON BOTTOM OF BOOM TOP. IF NOT ALREADY ASSEMBLED, PIN JIB STOP BEAM (R14) TO LUGS ON JIB BUTT.

USING AN ASSIST CRANE LIFT AND ROTATE WIRE ROPE GUIDE ASSY (R7) AND UPPER ROPE GUIDE ASSY (R37) TO WORKING POSITION (SEE DETAILS S AND T). ATTACH PINS AS SHOWN TO SECURE WIRE ROPE GUIDES.

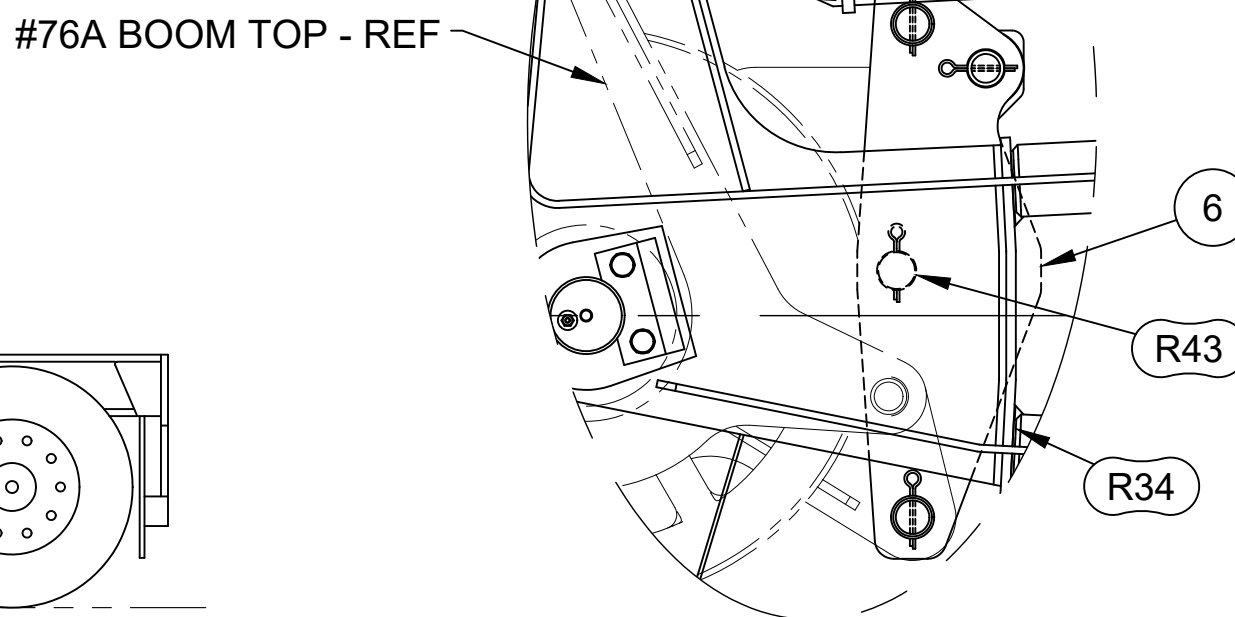


STEP 2
JIB BOOM TO JIB BUTT ASSEMBLY
SCALE: 0.025

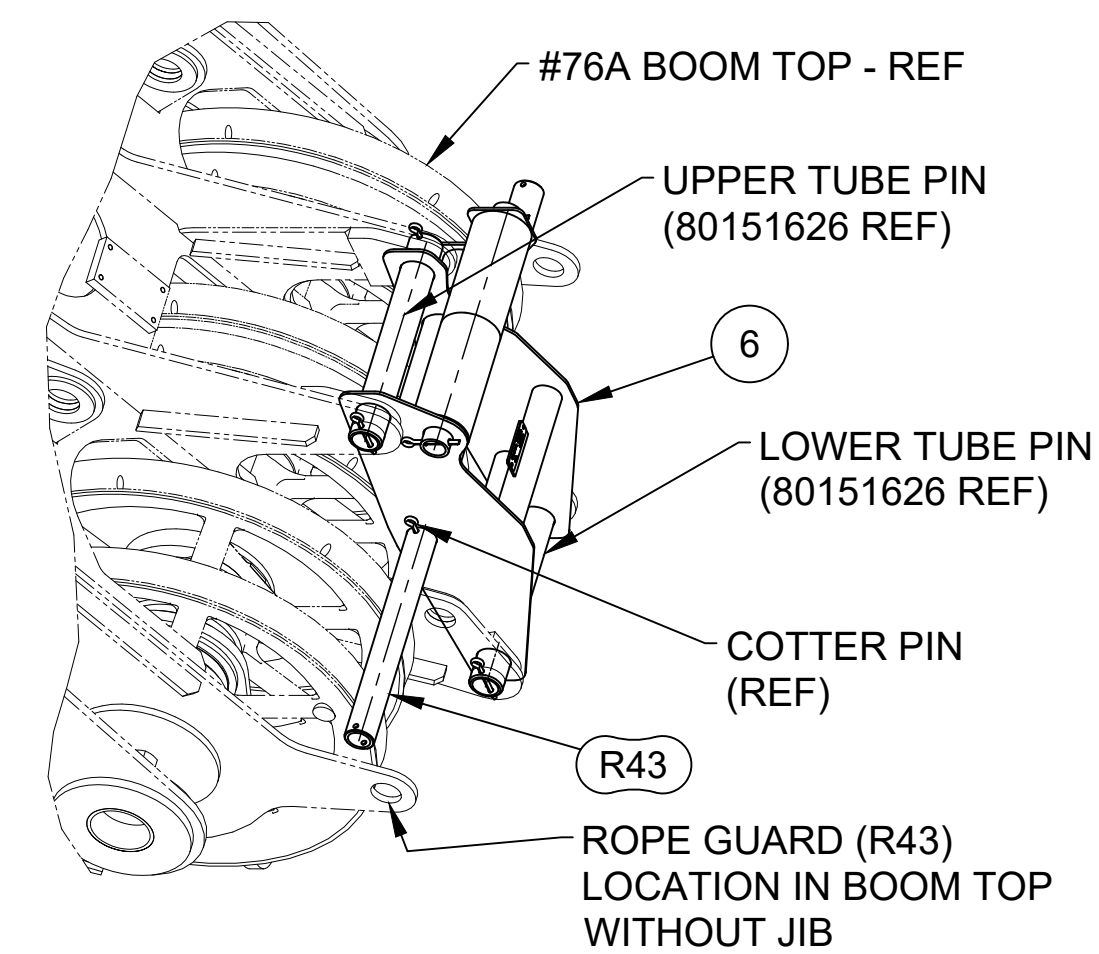
WITH BLOCKING IN PLACE, PIN INSERTS (ITEMS 203, 204 AND 205) AND JIB TOP (ITEM 3) TO JIB BUTT (R34) IN PROPER SEQUENCE (SEE SHEET 4).

FOR JIB INSERT TO INSERT AND INSERT TO JIB TOP JOINTS REFER TO DETAIL V ON SHEET 5 (LONG TAPERED END OF CONNECTING PINS (R100) MUST POINT TOWARDS CENTER OF BOOM).

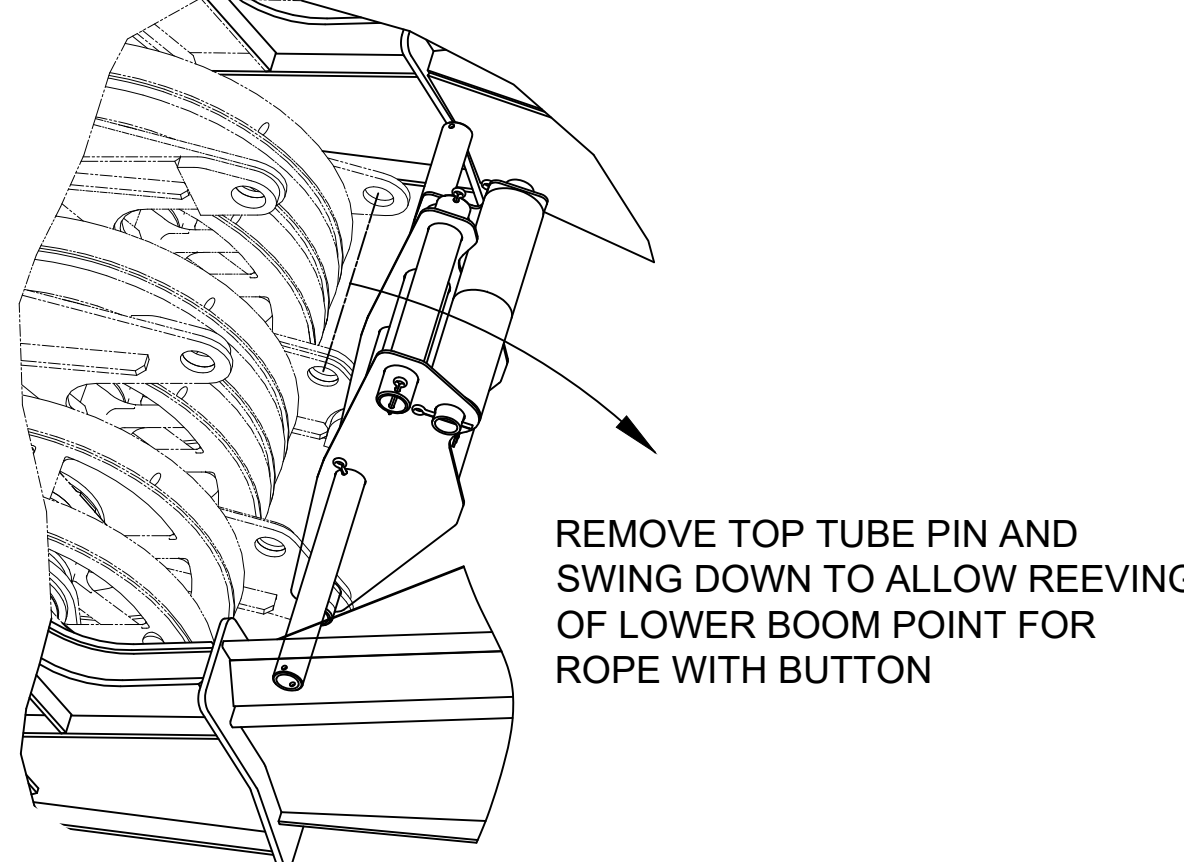
FOR JIB INSERT TO JIB BUTT JOINT REFER TO DETAIL U. REMOVE EXISTING INSERT PINS (R100) AND COTTERS (R101) FROM INSERT NEAREST BUTT. STOW IN PARTS BOX 80150286. CONNECT INSERT TO BUTT USING BUTT JOINT PINS (R13) AND COTTERS (R101) - (LONG TAPERED END OF CONNECTING PINS (R13) MUST POINT TOWARDS CENTER OF BOOM).



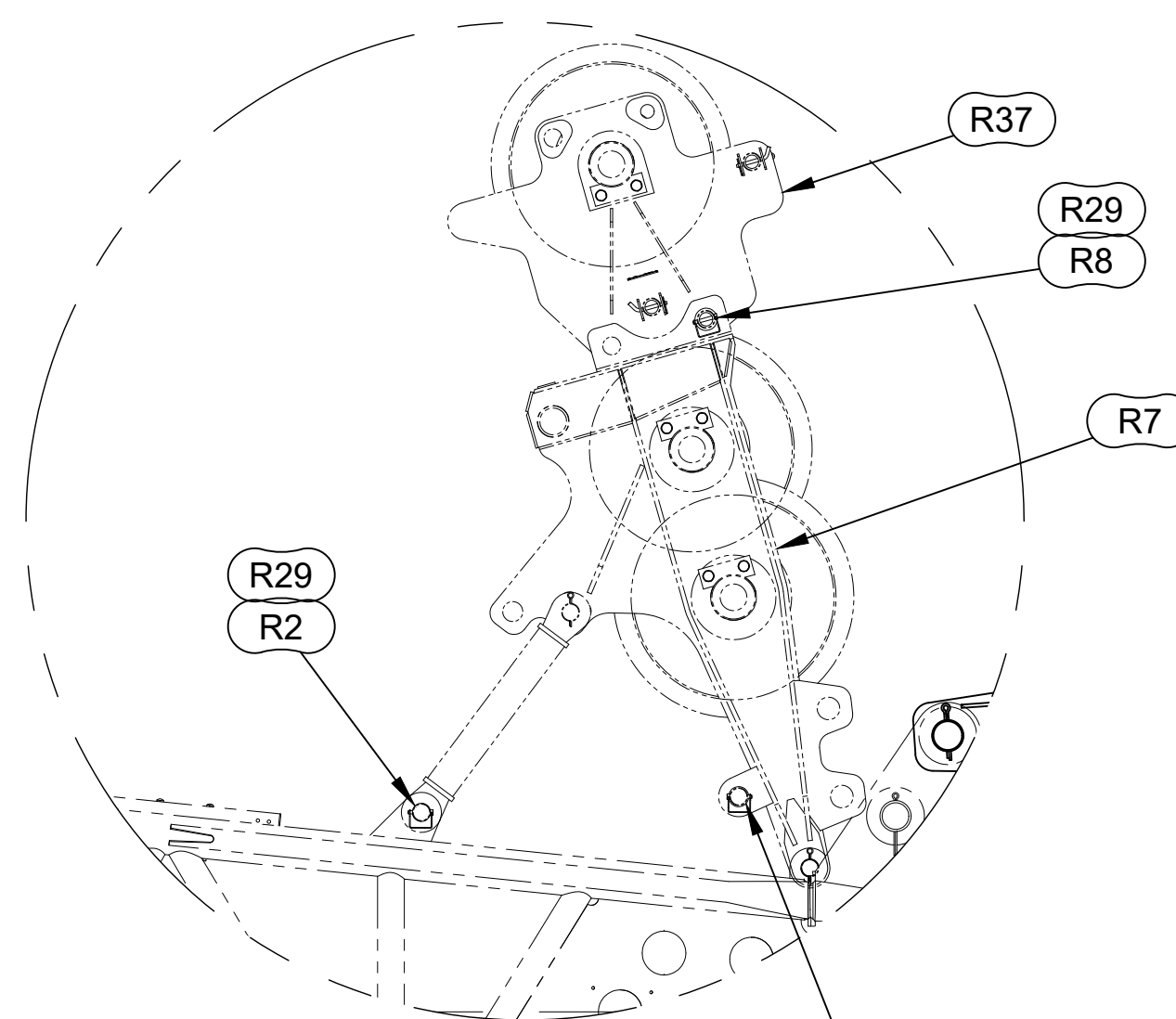
DETAIL M
SCALE 0.100



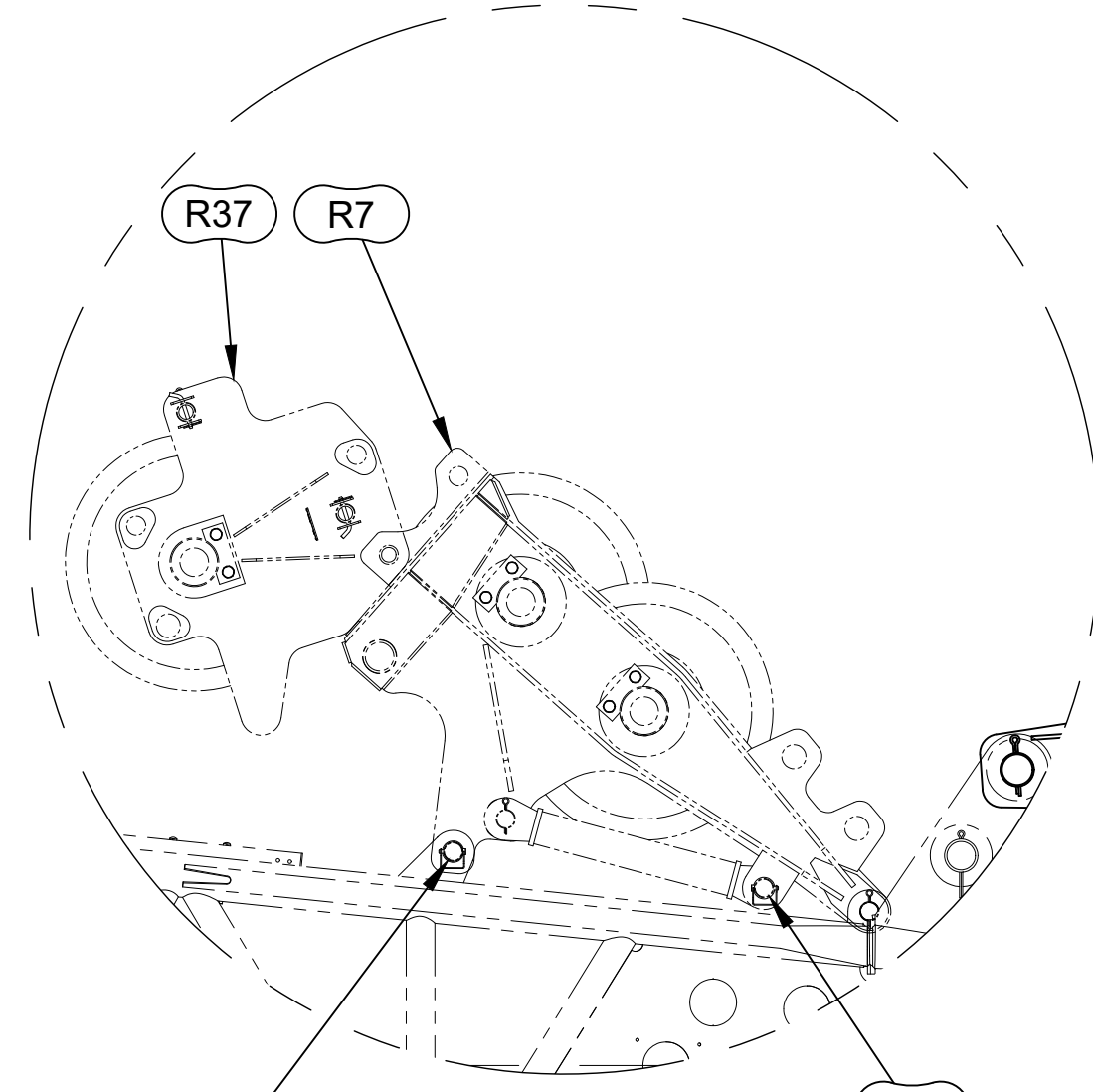
DETAIL M - ISO VIEW
WORKING POSITION (ITEM 6)
(JIB BUTT NOT SHOWN)



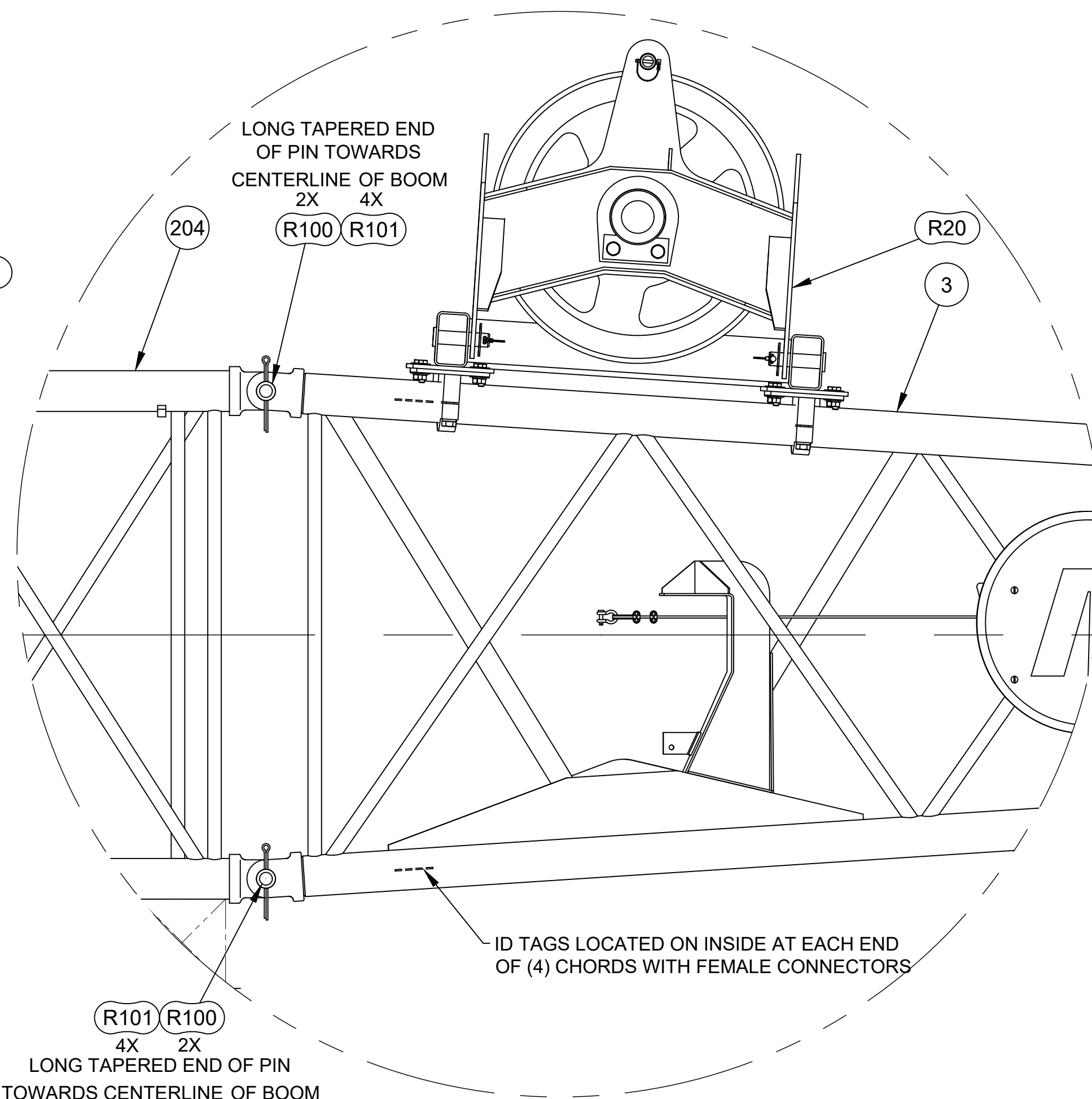
DETAIL M - ISO VIEW
ROTATION OF ROPE GUARD ASSY (ITEM 6)
FOR REEVING OF LOWER BOOM POINT
WITH #135 JIB BUTT (R34) ATTACHED



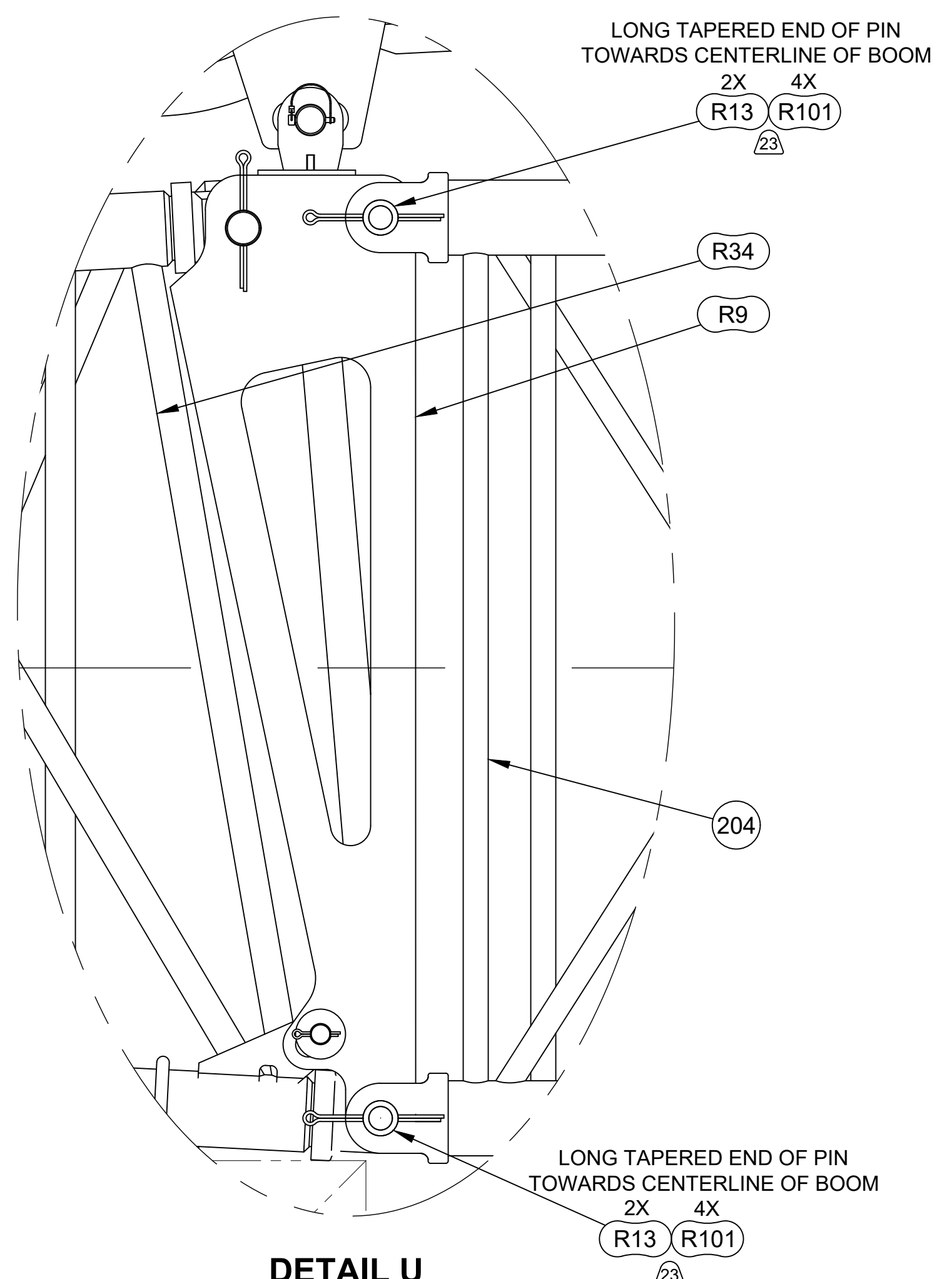
DETAIL S
WORKING POSITION
SCALE 0.050



DETAIL T
SHIPPING POSITION
SCALE 0.050

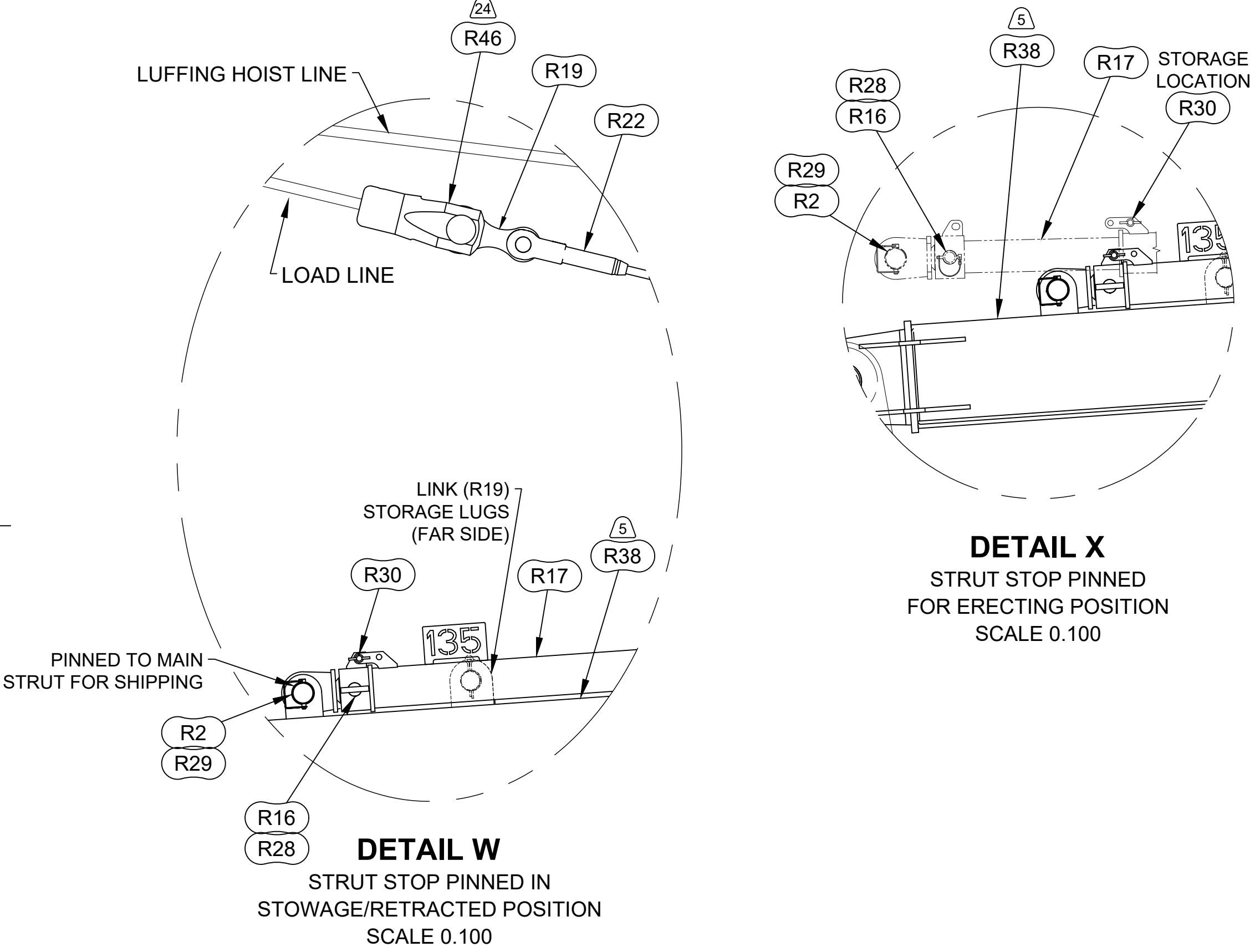


DETAIL V
SCALE 0.100



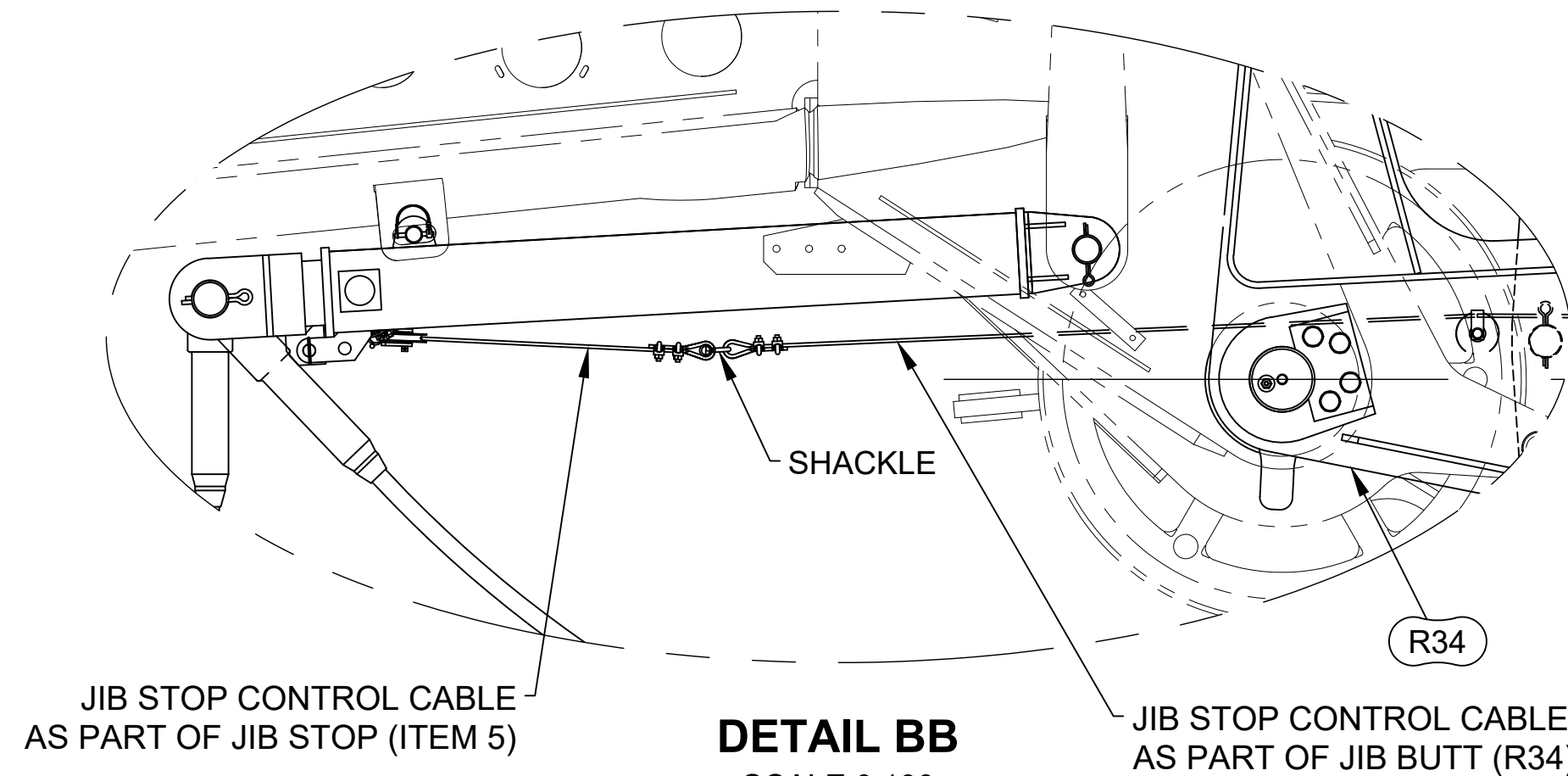
DETAIL U
SCALE 0.167

TITLE IN PRIMARY LANGUAGE									
LUFFING JIB RIGGING									
135 ON 76A									
TITLE IN SECONDARY LANGUAGE									
UNITS	SCALE	SIZE	SHEET	GROUP	DATE	NO.	REV.	REV.	REV.
IN	0.031	E	5/8	HBD	80149433	A			

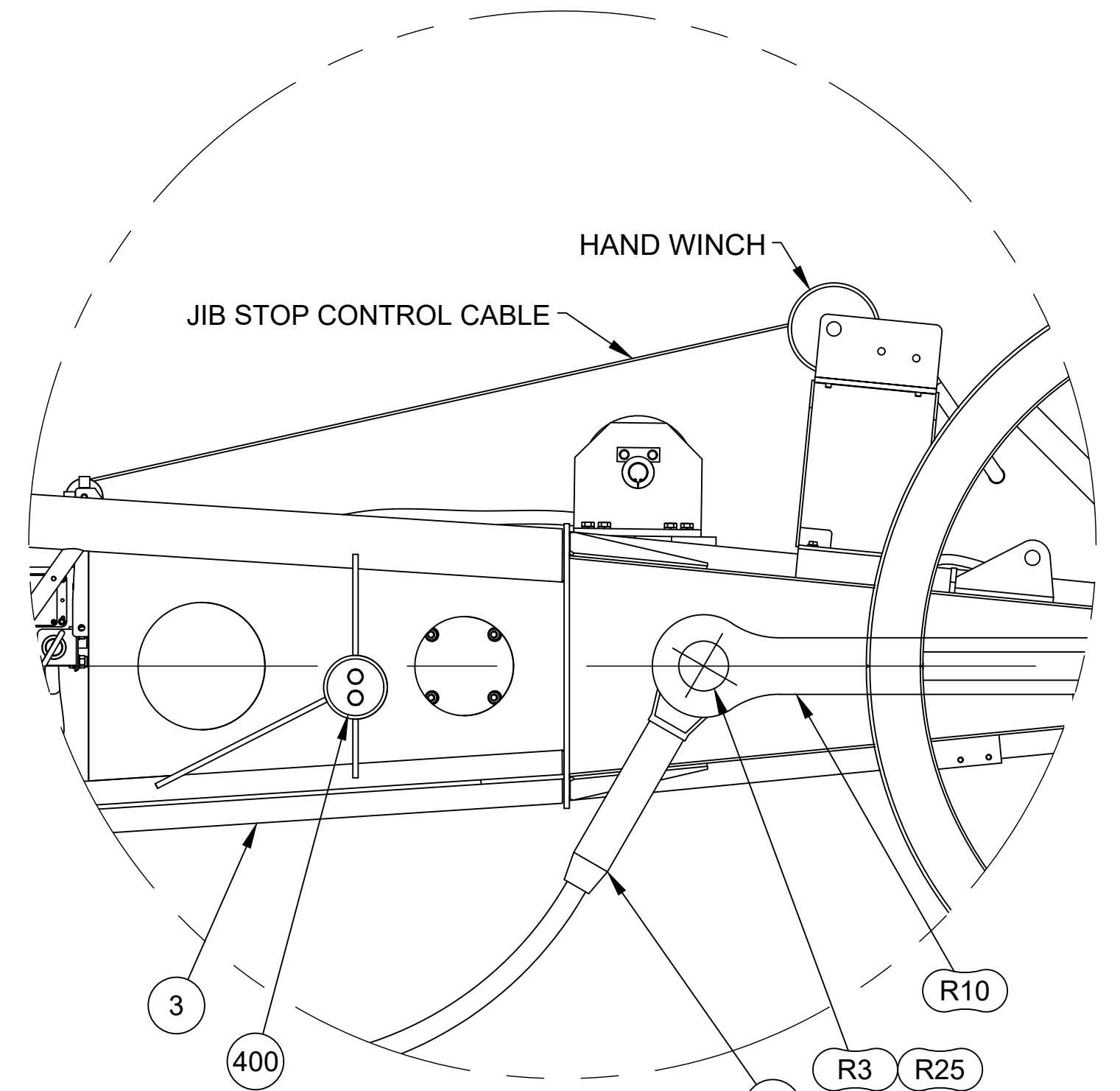


R28 **DETAIL W**
STRUT STOP PINNED IN
STOWAGE/RETRACTED POSITION
SCALE 0.100

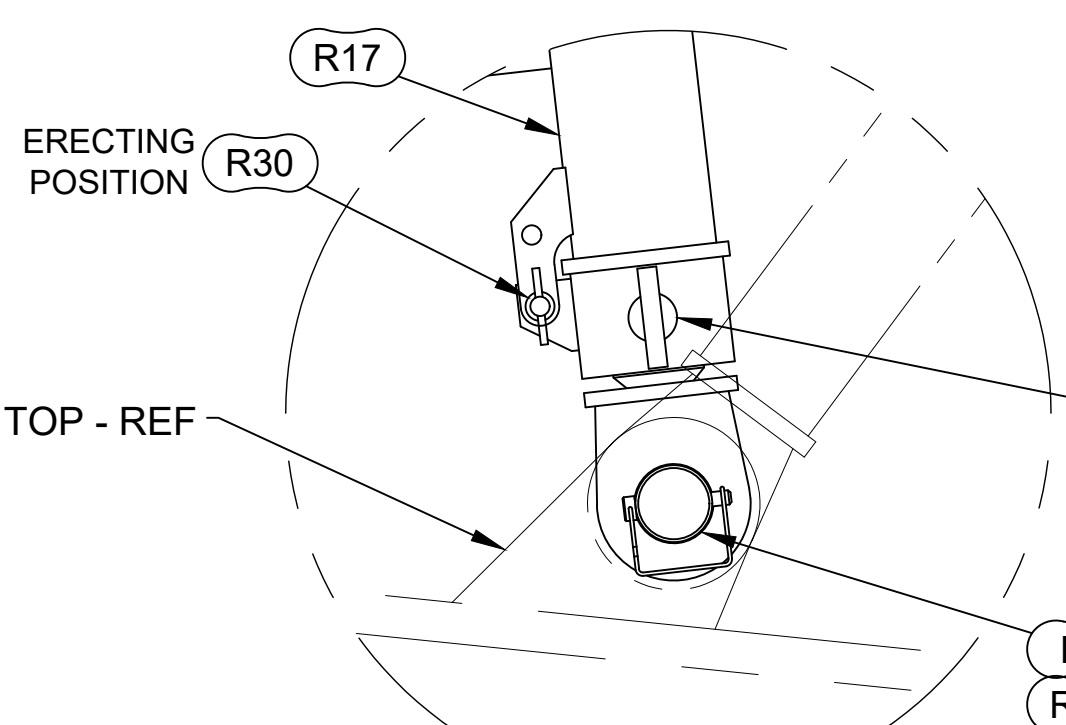
HAUL IN THE LOAD LINE JUST ENOUGH TO SUPPORT THE MAIN STRUT (R38). THEN, UNPIN STRUT SUPPORTS (R18) FROM THE JIB STRUT (R33) AND ROTATE STRUTS INTO STOWAGE POSITION ON THE MAIN STRUT (R38) - (SEE DETAIL Y)



DETAIL BB
SCALE 0.100

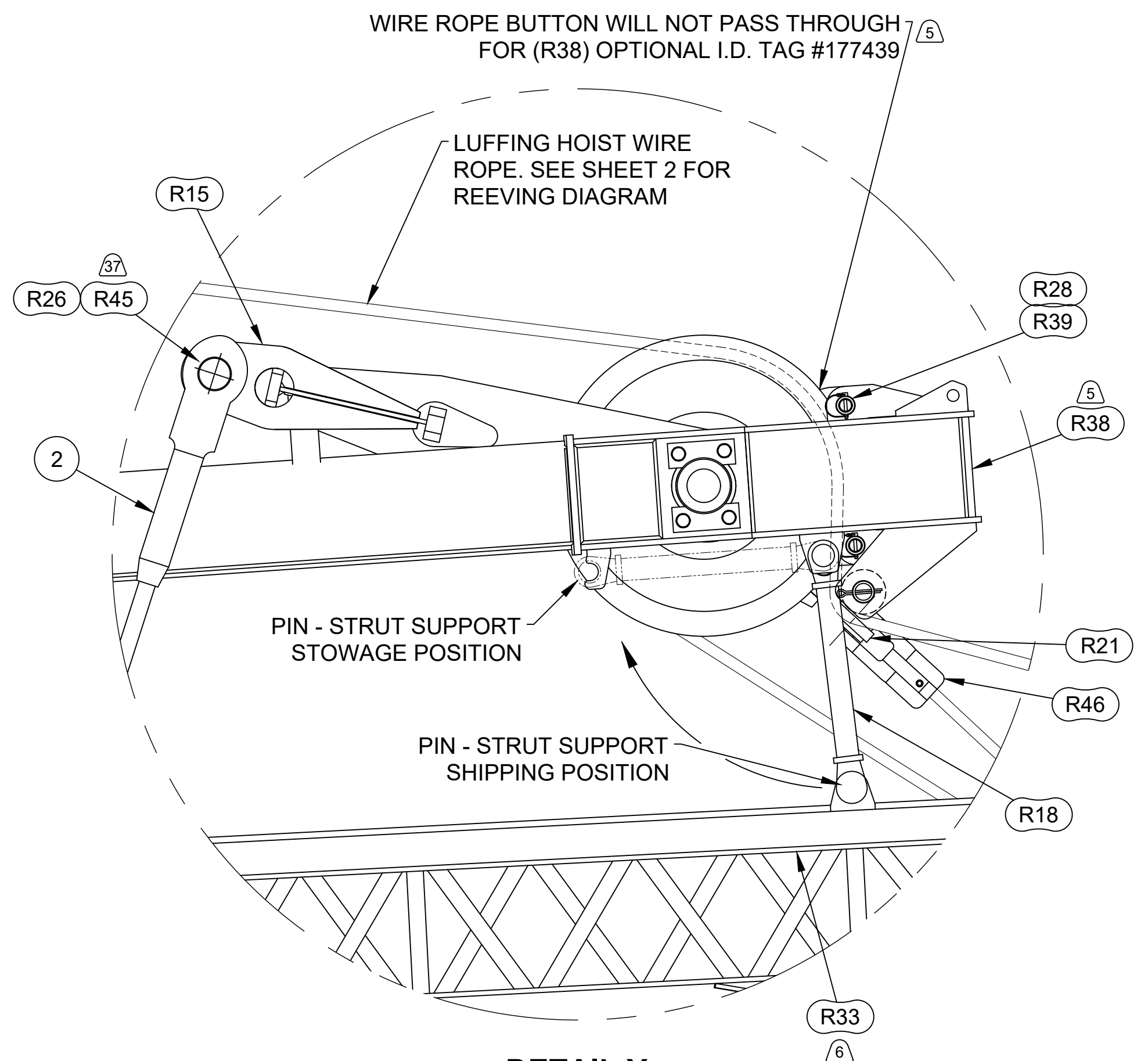


DETAIL Z
SCALE 0.100



DETAIL CC
SCALE 0.200

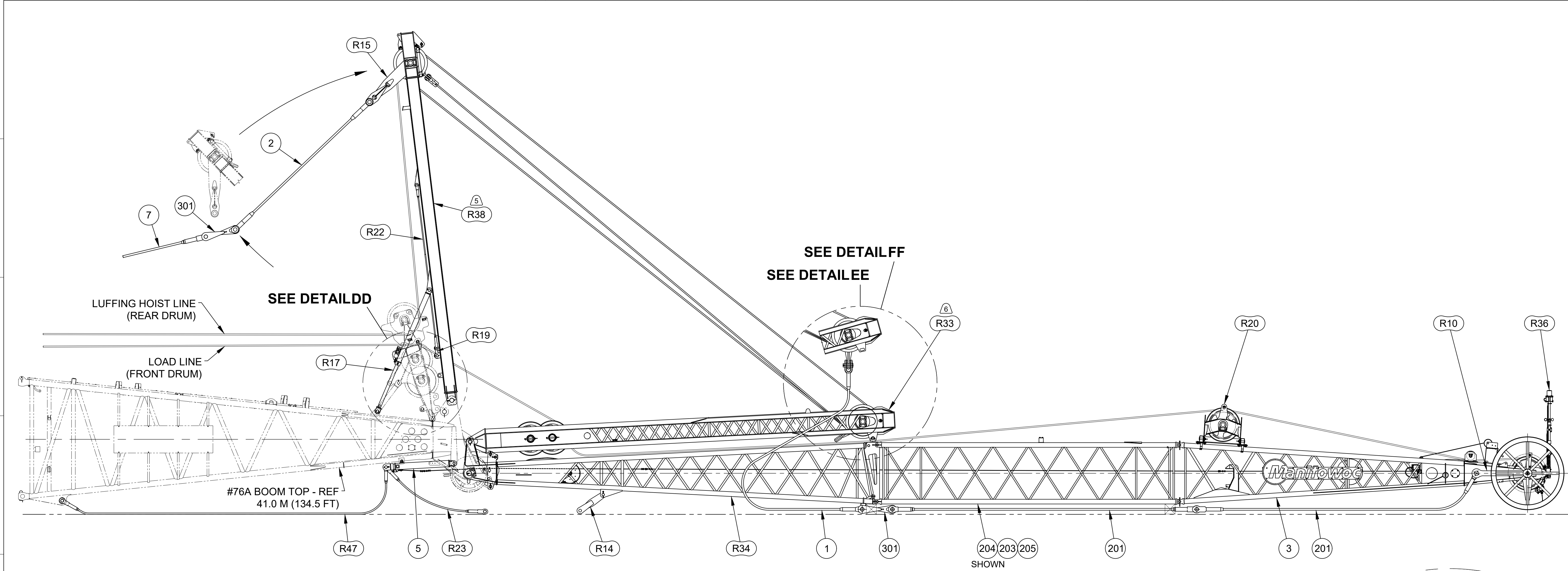
VIEW R-R
SCALE 0.100



DETAIL Y
SCALE 0.100

FROM MAIN STRUT (R38) ATTACH VERTICALLY HANGING BACKSTAY PENDANT (ITEM 2) TO PRE-ASSEMBLED BOOM BACKSTAY PENDANTS/LINKS (SEE SHEET 3).

	TITLE IN PRIMARY LANGUAGE						
	LUFFING JIB RIGGING						
	135 ON 76A						
TITLE IN SECONDARY LANGUAGE							
UNITS	SCALE	SIZE FORMAT	SHEET	GROUP CREATOR	DRAWING NO.		REVISION
IN	0.025	E	6/8	HBD	80149433		A



STEP 5
STRUT STOP ENGAGEMENT AND JIB STRUT ASSEMBLY
SCALE: 0.025

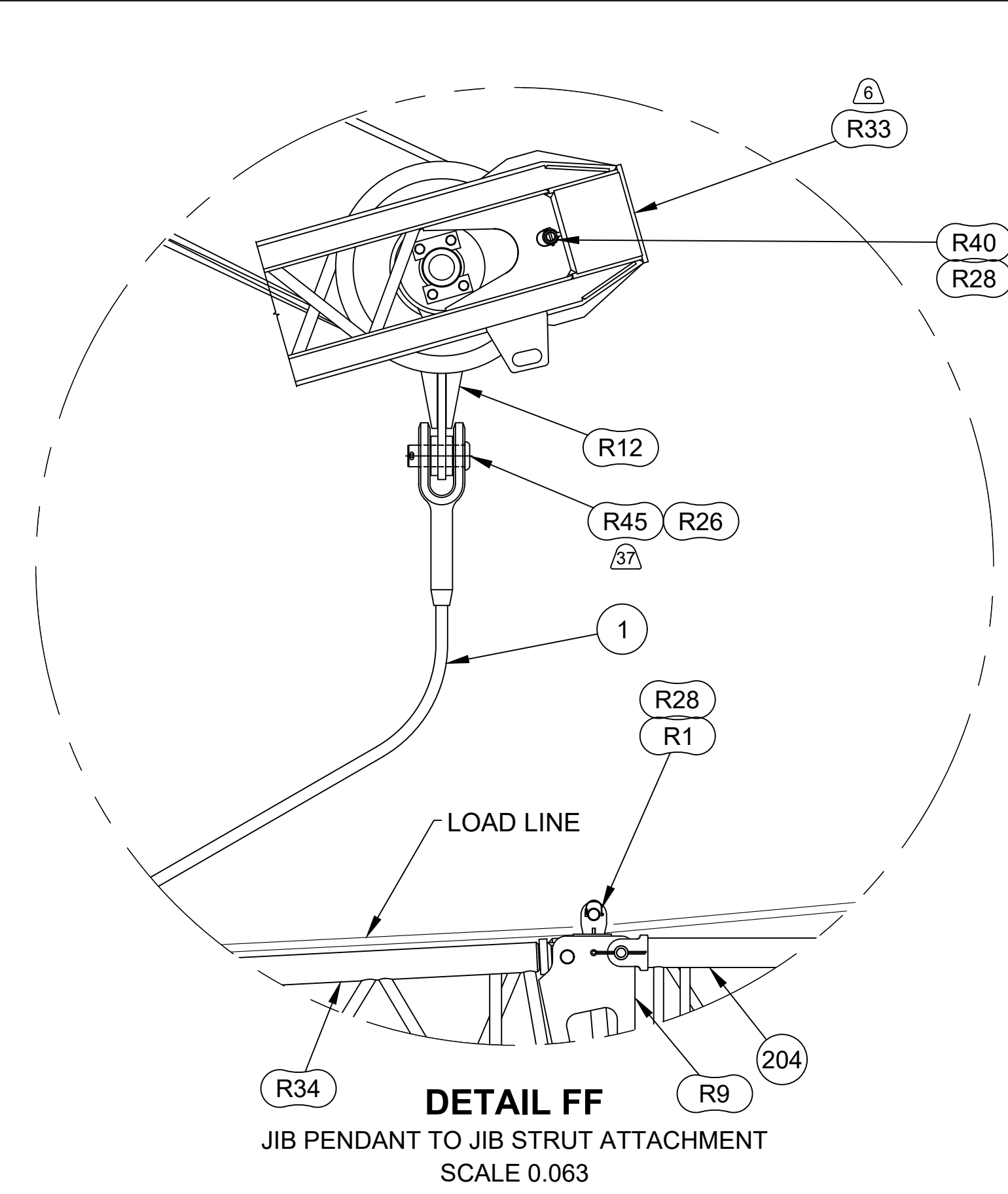
UNPIN THE LOAD LINE FROM THE STRUT HANDLING LINK (R19). PIN LINK (R19) AND PENDANT (R22) TO THE STORAGE LUGS ON THE MAIN STRUT (R38) - (SEE DETAIL W ON SHEET 6 AND DETAIL DD).

ENSURE QUICK-RELEASE PINS (R30) ARE STILL IN ERECTING HOLES (SEE DETAIL CC ON SHEET 6) TO RESTRICT MOVEMENT OF STOP TUBES. REMOVE STOP PINS (R16) FROM MIDDLE STOP TUBES. SLOWLY HAUL IN THE LUFFING HOIST WIRE ROPE UNTIL THE HOLE IN MIDDLE STOP TUBES LINE UP WITH THE UPPER HOLE IN LOWER STOP TUBES. INSTALL STOP PINS (R16) IN MIDDLE STOP TUBES. REMOVE QUICK-RELEASE PINS (R30) FROM ERECTING HOLES AND INSTALL THEM IN THE STOWAGE HOLES. (SEE DETAIL DD).

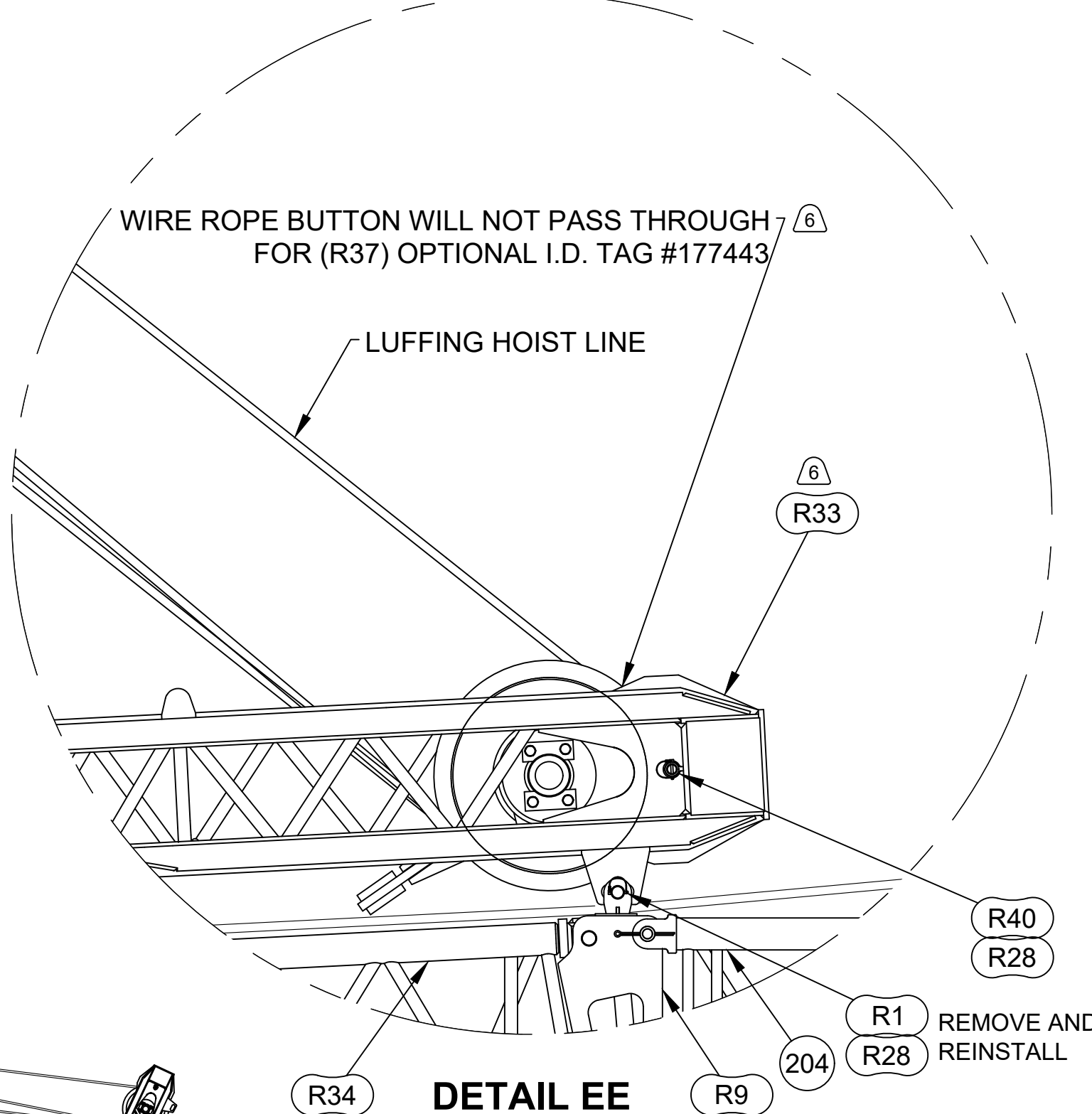
LUFF UP OR DOWN AS REQUIRED TO LOOSEN HOLD-DOWN PINS (R1) IN THE HOLD-DOWN LUGS ON JIB STRUT (R33) REMOVE HOLD DOWN PINS.
LUFF UP UNTIL JIB STRUT (R33) IS APPROXIMATELY 1 METER (3 FT) ABOVE THE JIB BUTT (R34).
STORE HOLD DOWN PINS (R1) IN THE HOLD-DOWN LUGS ON JIB BUTT ADAPTER (R9) - (SEE DETAIL VIEWS EE & FF).
CONNECT BASIC JIB PENDANTS (ITEM 1) TO PENDANT LINK ASSY (R12) ON THE JIB STRUT (R33) - (SEE DETAIL FF).

LUFF UP TO RAISE THE JIB STRUT (R33) UNTIL THE JIB PENDANTS ARE JUST SLIGHTLY ABOVE THE TOP OF THE JIB. (GUIDE THE PENDANTS WHILE LUFFING UP TO PREVENT THE PENDANTS AND CONNECTORS FROM STRIKING THE SIDE OF THE JIB).

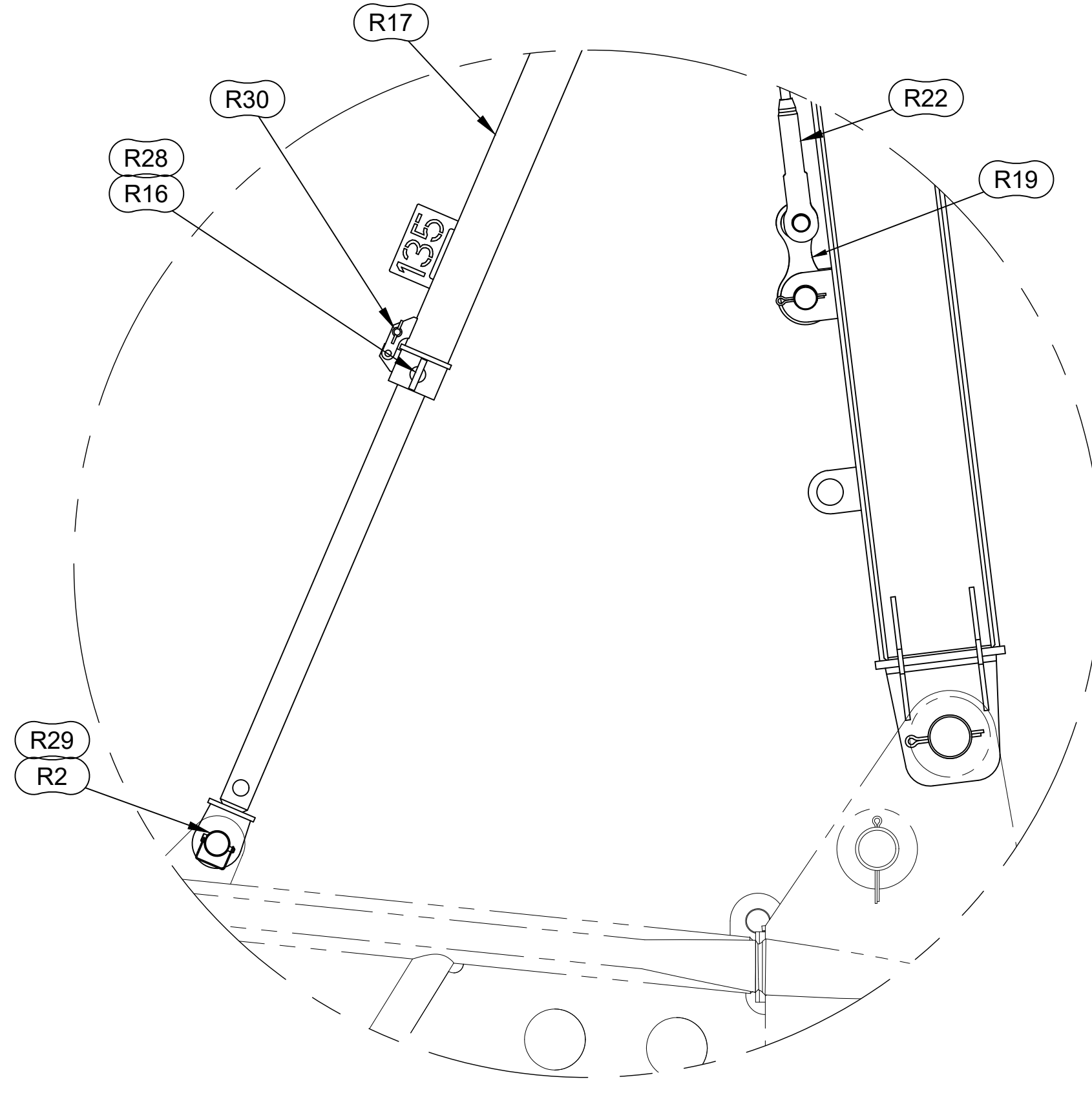
ROUTE LOAD LINE OVER REQUIRED BOOM WIRE ROPE GUIDE SHEAVES (R41 & R7) AND JIB STRUT SHEAVE (R33). (SEE SECTION VIEWS N-N, P-P & Q-Q ON SHEET 2 & VIEW R-R ON SHEET 6).



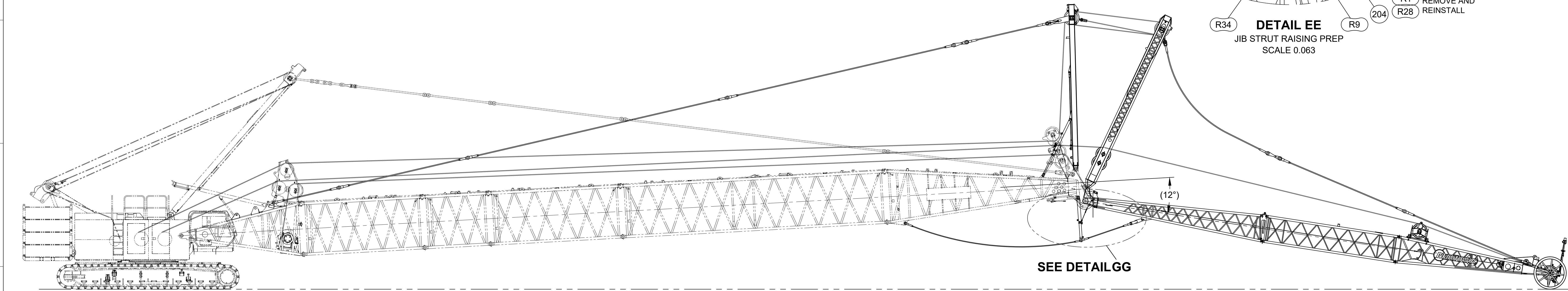
DETAIL FF
JIB PENDANT TO JIB STRUT ATTACHMENT
SCALE 0.063



DETAIL EE
JIB STRUT RAISING PREP
SCALE 0.063



DETAIL DD
MAIN STRUT STOP
(WIRE ROPE GUIDE (R7) & (R37)
NOT SHOWN FOR CLARITY)
SCALE 0.100



STEP 6
JIB STOP TO OPERATING POSITION
SCALE 0.013

SUPPORT JIB STOP STRUT (ITEM 5) SO IT WILL NOT FALL AND REMOVE PINS (R4) HOLDING THE STRUT STOP IN STORED POSITION ON BOOM TOP. LOWER THE JIB STOP STRUT TO THE OPERATING POSITION. STORE PINS (R4) IN LUGS ON BOOM TOP. (SEE DETAIL HH).

USING THE HAND WINCH ON THE JIB TOP (ITEM 3), SLACKEN THE JIB STOP (ITEM 5) CONTROL CABLE UNTIL IT RESTS ON THE BOTTOM LACINGS OF THE JIB (SEE DETAIL Z ON SHEET 6).

WARNING: JIB STOP INNER STRUT WILL NOT EXTEND PROPERLY AND PINS WILL NOT ENGAGE IF CONTROL CABLE IS TIGHT.

SLOWLY BOOM UP TO ALLOW 0.6 - 1.2 M (2 - 4 FT) CLEARANCE BETWEEN ENDS OF JIB STOP INNER STRUT AND GROUND. PIN JIB STOP BEAM PENDANTS (R23) TO JIB STOP BEAM (R14) - (SEE DETAIL GG). STAND TO SIDE OF JIB STOP (ITEM 5) AND REMOVE QUICK RELEASE PINS (R27) FROM BOTH SIDES OF THE JIB STOP STRUT (SEE DETAIL VIEWS GG & HH). NOTE: INNER STRUT WILL EXTEND SLIGHTLY WHEN THIS STEP IS PERFORMED.

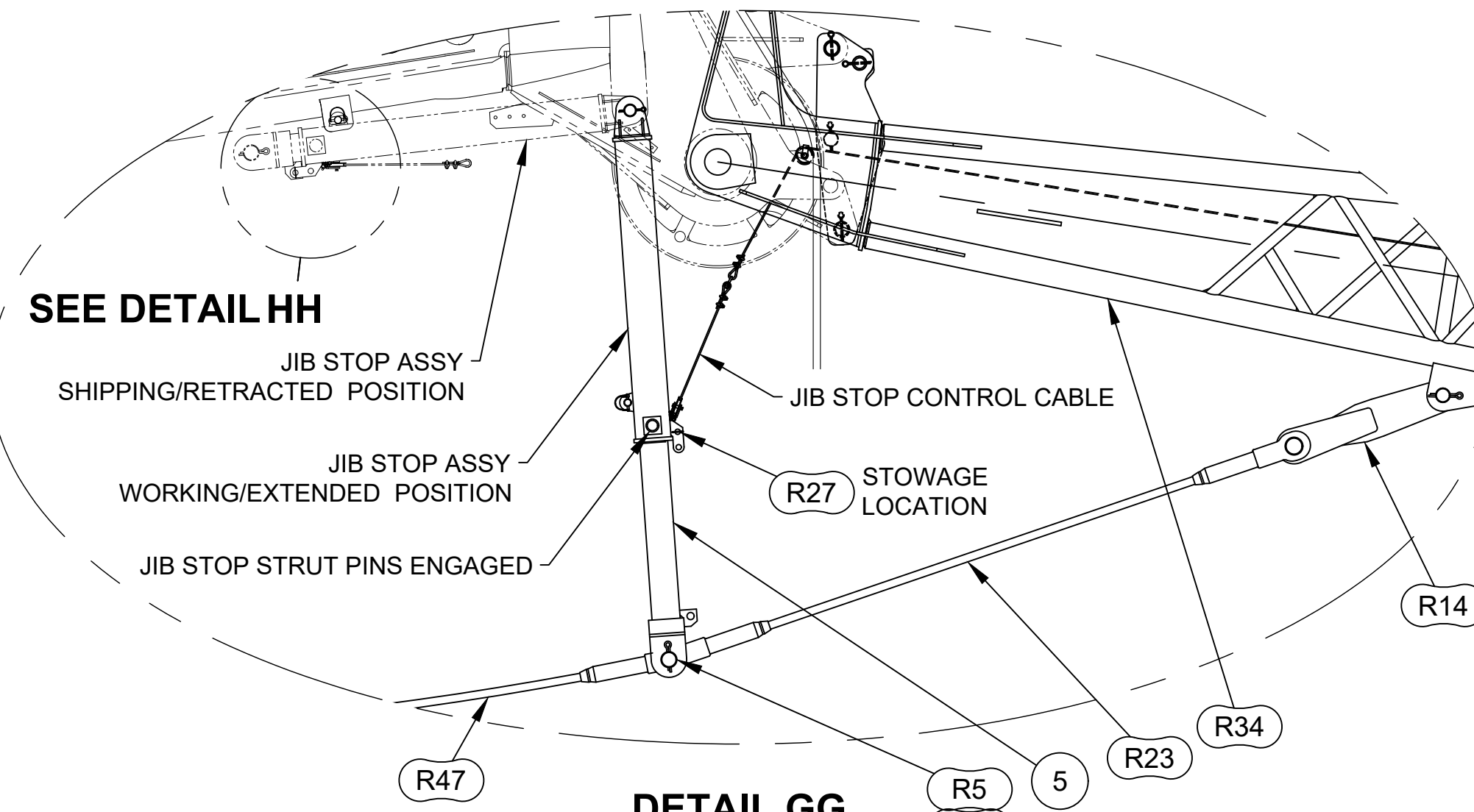
STORE QUICK RELEASE PINS (R27) IN THE STORAGE HOLES ON OUTER STRUT (SEE DETAIL GG).

NOTE: REFER TO OPERATOR MANUAL FOR ADDITIONAL PROCEDURE WHEN LOWER BOOM POINT IS REEVED.

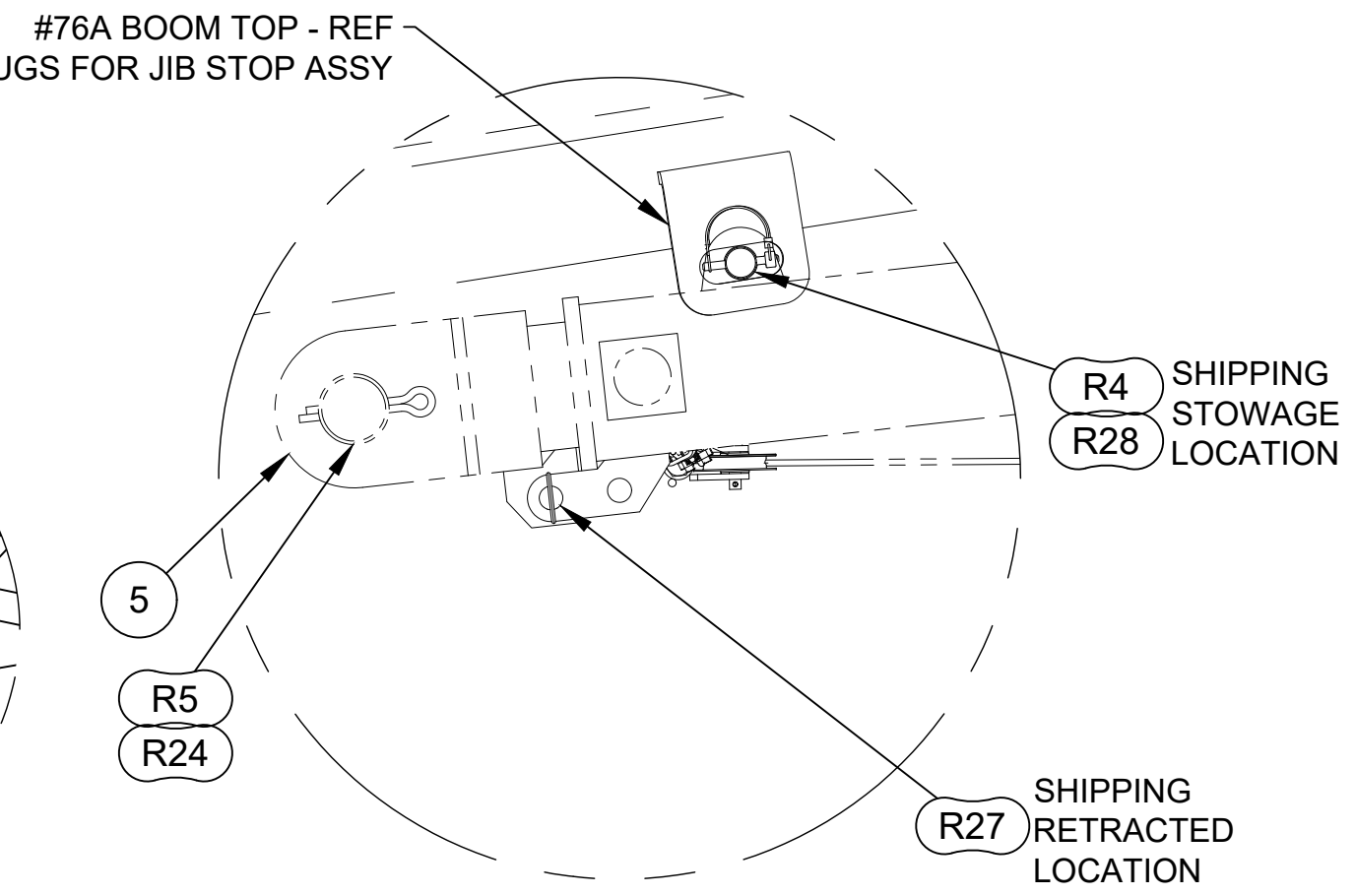
SLOWLY BOOM UP UNTIL THE JIB STOP INNER STRUT IS FULLY EXTENDED. THE BOOM TO LUFFING JIB ANGLE WILL BE APPROXIMATELY 168°. JIB STOP STRUT PINS WILL ENGAGE AUTOMATICALLY WHEN THE INNER STRUT IS FULLY EXTENDED. DO NOT RAISE THE BOOM ANY HIGHER UNTIL BOTH PINS ARE ENGAGED (SEE DETAIL GG).

USING THE HAND WINCH ON THE JIB TOP (ITEM 3) - (SEE DETAIL Z ON SHEET 6), VERIFY THAT THE JIB STOP (ITEM 5) CONTROL CABLE IS SLACK AND RESTS ON THE BOTTOM LACINGS OF THE JIB.

WARNING: JIB STOP CONTROL CABLE MUST BE SLACK AT ALL TIMES DURING LUFFING JIB OPERATION, OTHERWISE, PINS MAY DISENGAGE OR CABLE MAY BREAK.

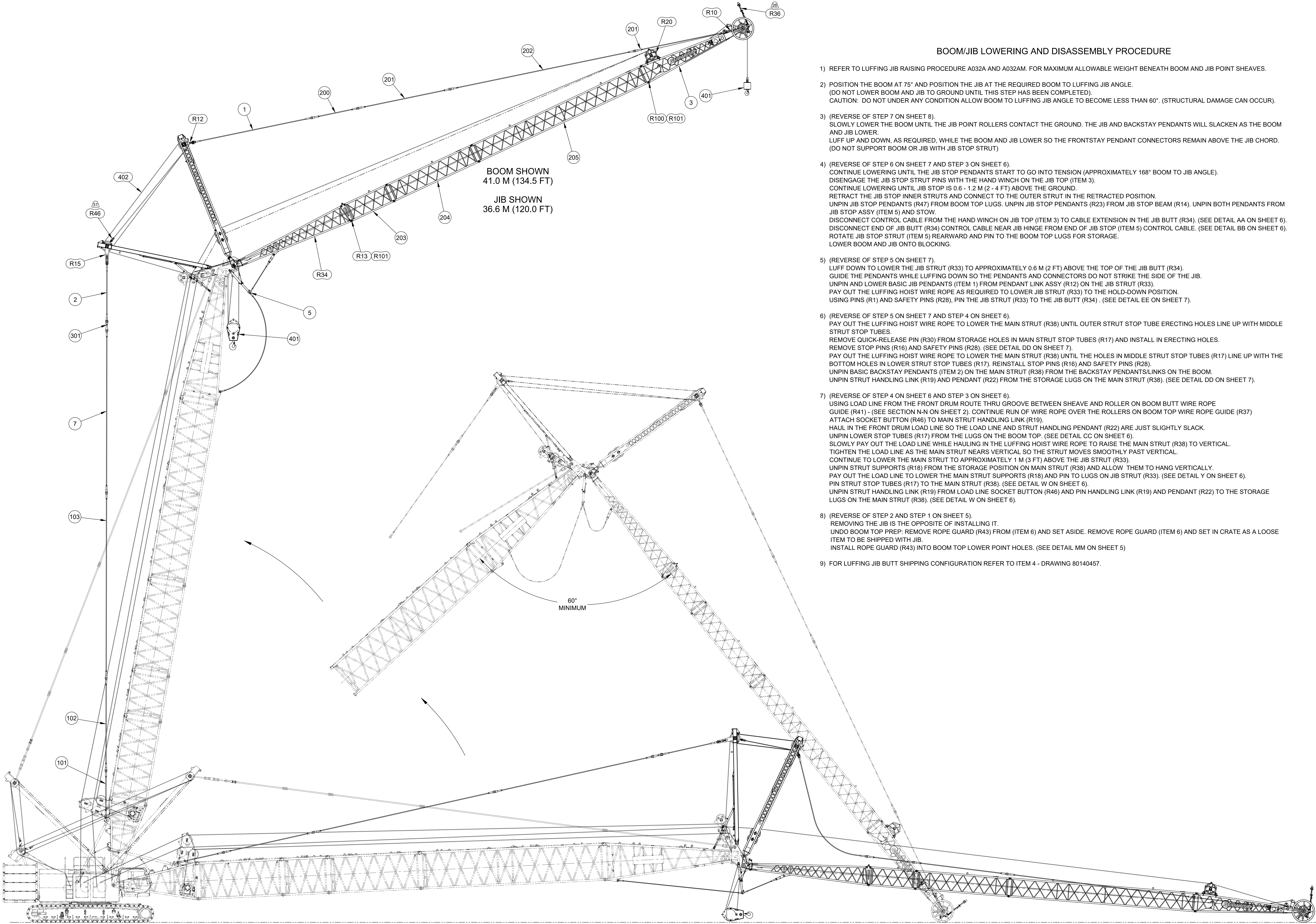


DETAIL GG
JIB STOP CONNECTION
SHIPPING AND WORKING POSITIONS
SCALE 0.050



DETAIL HH
SCALE 0.167

TITLE IN PRIMARY LANGUAGE LUFFING JIB RIGGING 135 ON 76A TITLE IN SECONDARY LANGUAGE									
UNITS	SCALE	SHEET	GROUP	DATE	DRAWING NO.	REVISION			
IN	0.013	E	7/8	HBD	80149433	A			



BOOM/JIB LOWERING AND DISASSEMBLY PROCEDURE

- 1) REFER TO LUFFING JIB RAISING PROCEDURE A032A AND A032AM. FOR MAXIMUM ALLOWABLE WEIGHT BENEATH BOOM AND JIB POINT SHEAVES.
- 2) POSITION THE BOOM AT 75° AND POSITION THE JIB AT THE REQUIRED BOOM TO LUFFING JIB ANGLE.
(DO NOT LOWER BOOM AND JIB TO GROUND UNTIL THIS STEP HAS BEEN COMPLETED).
CAUTION: DO NOT UNDER ANY CONDITION ALLOW BOOM TO LUFFING JIB ANGLE TO BECOME LESS THAN 60°. (STRUCTURAL DAMAGE CAN OCCUR).
- 3) (REVERSE OF STEP 7 ON SHEET 8).
SLOWLY LOWER THE BOOM UNTIL THE JIB POINT ROLLERS CONTACT THE GROUND. THE JIB AND BACKSTAY PENDANTS WILL SLACKEN AS THE BOOM AND JIB LOWER.
LUFF UP AND DOWN, AS REQUIRED, WHILE THE BOOM AND JIB LOWER SO THE FRONTSTAY PENDANT CONNECTORS REMAIN ABOVE THE JIB CHORD.
(DO NOT SUPPORT BOOM OR JIB WITH JIB STOP STRUT)
- 4) (REVERSE OF STEP 6 ON SHEET 7 AND STEP 3 ON SHEET 6).
CONTINUE LOWERING UNTIL THE JIB STOP PENDANTS START TO GO INTO TENSION (APPROXIMATELY 168° BOOM TO JIB ANGLE).
DISENGAGE THE JIB STOP STRUT PINS WITH THE HAND WINCH ON THE JIB TOP (ITEM 3).
CONTINUE LOWERING UNTIL JIB STOP IS 0.6 - 1.2 M (2 - 4 FT) ABOVE THE GROUND.
RETRACT THE JIB STOP INNER STRUTS AND CONNECT TO THE OUTER STRUT IN THE RETRACTED POSITION.
UNPIN JIB STOP PENDANTS (R47) FROM BOOM TOP LUGS. UNPIN JIB STOP PENDANTS (R23) FROM JIB STOP BEAM (R14). UNPIN BOTH PENDANTS FROM JIB STOP ASSY (ITEM 5) AND STOW.
DISCONNECT CONTROL CABLE FROM THE HAND WINCH ON JIB TOP (ITEM 3) TO CABLE EXTENSION IN THE JIB BUTT (R34). (SEE DETAIL AA ON SHEET 6).
DISCONNECT END OF JIB BUTT (R34) CONTROL CABLE NEAR JIB HINGE FROM END OF JIB STOP (ITEM 5) CONTROL CABLE. (SEE DETAIL BB ON SHEET 6).
ROTATE JIB STOP STRUT (ITEM 5) REARWARD AND PIN TO THE BOOM TOP LUGS FOR STORAGE.
LOWER BOOM AND JIB ONTO BLOCKING.
- 5) (REVERSE OF STEP 5 ON SHEET 7).
LUFF DOWN TO LOWER THE JIB STRUT (R33) TO APPROXIMATELY 0.6 M (2 FT) ABOVE THE TOP OF THE JIB BUTT (R34).
GUIDE THE PENDANTS WHILE LUFFING DOWN SO THE PENDANTS AND CONNECTORS DO NOT STRIKE THE SIDE OF THE JIB.
UNPIN AND LOWER BASIC JIB PENDANTS (ITEM 1) FROM PENDANT LINK ASSY (R12) ON THE JIB STRUT (R33).
PAY OUT THE LUFFING HOIST WIRE ROPE AS REQUIRED TO LOWER JIB STRUT (R33) TO THE HOLD-DOWN POSITION.
USING PINS (R1) AND SAFETY PINS (R28), PIN THE JIB STRUT (R33) TO THE JIB BUTT (R34) . (SEE DETAIL EE ON SHEET 7).
- 6) (REVERSE OF STEP 5 ON SHEET 7 AND STEP 4 ON SHEET 6).
PAY OUT THE LUFFING HOIST WIRE ROPE TO LOWER THE MAIN STRUT (R38) UNTIL OUTER STRUT STOP TUBE ERECTING HOLES LINE UP WITH MIDDLE STRUT STOP TUBES.
REMOVE QUICK-RELEASE PIN (R30) FROM STORAGE HOLES IN MAIN STRUT STOP TUBES (R17) AND INSTALL IN ERECTING HOLES.
REMOVE STOP PINS (R16) AND SAFETY PINS (R28). (SEE DETAIL DD ON SHEET 7).
PAY OUT THE LUFFING HOIST WIRE ROPE TO LOWER THE MAIN STRUT (R38) UNTIL THE HOLES IN MIDDLE STRUT STOP TUBES (R17) LINE UP WITH THE BOTTOM HOLES IN LOWER STRUT STOP TUBES (R17). REINSTALL STOP PINS (R16) AND SAFETY PINS (R28).
UNPIN BASIC BACKSTAY PENDANTS (ITEM 2) ON THE MAIN STRUT (R38) FROM THE BACKSTAY PENDANTS/LINKS ON THE BOOM.
UNPIN STRUT HANDLING LINK (R19) AND PENDANT (R22) FROM THE STORAGE LUGS ON THE MAIN STRUT (R38). (SEE DETAIL DD ON SHEET 7).
- 7) (REVERSE OF STEP 4 ON SHEET 6 AND STEP 3 ON SHEET 6).
USING LOAD LINE FROM THE FRONT DRUM ROUTE THRU GROOVE BETWEEN SHEAVE AND ROLLER ON BOOM BUTT WIRE ROPE
GUIDE (R41) - (SEE SECTION N-N ON SHEET 2). CONTINUE RUN OF WIRE ROPE OVER THE ROLLERS ON BOOM TOP WIRE ROPE GUIDE (R37)
ATTACH SOCKET BUTTON (R46) TO MAIN STRUT HANDLING LINK (R19).
HAUL IN THE FRONT DRUM LOAD LINE SO THE LOAD LINE AND STRUT HANDLING PENDANT (R22) ARE JUST SLIGHTLY SLACK.
UNPIN LOWER STOP TUBES (R17) FROM THE LUGS ON THE BOOM TOP. (SEE DETAIL CC ON SHEET 6).
SLOWLY PAY OUT THE LOAD LINE WHILE HAULING IN THE LUFFING HOIST WIRE ROPE TO RAISE THE MAIN STRUT (R38) TO VERTICAL.
TIGHTEN THE LOAD LINE AS THE MAIN STRUT NEARS VERTICAL SO THE STRUT MOVES SMOOTHLY PAST VERTICAL.
CONTINUE TO LOWER THE MAIN STRUT TO APPROXIMATELY 1 M (3 FT) ABOVE THE JIB STRUT (R33).
UNPIN STRUT SUPPORTS (R18) FROM THE STORAGE POSITION ON MAIN STRUT (R38) AND ALLOW THEM TO HANG VERTICALLY.
PAY OUT THE LOAD LINE TO LOWER THE MAIN STRUT SUPPORTS (R18) AND PIN TO LUGS ON JIB STRUT (R33). (SEE DETAIL Y ON SHEET 6).
PIN STRUT STOP TUBES (R17) TO THE MAIN STRUT (R38). (SEE DETAIL W ON SHEET 6).
UNPIN STRUT HANDLING LINK (R19) FROM LOAD LINE SOCKET BUTTON (R46) AND PIN HANDLING LINK (R19) AND PENDANT (R22) TO THE STORAGE LUGS ON THE MAIN STRUT (R38). (SEE DETAIL W ON SHEET 6).
- 8) (REVERSE OF STEP 2 AND STEP 1 ON SHEET 5).
REMOVING THE JIB IS THE OPPOSITE OF INSTALLING IT.
UNDO BOOM TOP PREP: REMOVE ROPE GUARD (R43) FROM (ITEM 6) AND SET ASIDE. REMOVE ROPE GUARD (ITEM 6) AND SET IN CRATE AS A LOOSE ITEM TO BE SHIPPED WITH JIB.
INSTALL ROPE GUARD (R43) INTO BOOM TOP LOWER POINT HOLES. (SEE DETAIL MM ON SHEET 5)
- 9) FOR LUFFING JIB BUTT SHIPPING CONFIGURATION REFER TO ITEM 4 - DRAWING 80140457.

STEP 7
JACK-KNIFE LUFFING JIB RAISING PROCEDURE

BOOM UP WHILE LUFFING JIB POINT WHEELS ROLL ON GROUND.
LUFF UP AND DOWN, AS REQUIRED, WHILE THE BOOM AND JIB RISE SO THE JIB PENDANT CONNECTORS REMAIN 150 - 300 MM (6 - 12 IN) ABOVE THE JIB CHORD.

WHEN REQUIRED BOOM TO JIB ANGLE IS REACHED, REMOVE EXCESS JIB PENDANT SLACK.
CAUTION: DO NOT UNDER ANY CONDITION ALLOW BOOM TO LUFFING JIB ANGLE TO BECOME LESS THAN 60°. (STRUCTURAL DAMAGE CAN OCCUR).

RAISE BOOM AND LUFFING JIB SIMULTANEOUSLY WITH ONLY BOOM HOIST UNTIL BOOM REACHES ANGLE LISTED IN THE LUFFING JIB RAISING PROCEDURE A032A AND A032AM.

TITLE IN PRIMARY LANGUAGE LUFFING JIB RIGGING 135 ON 76A TITLE IN SECONDARY LANGUAGE							
UNITS IN	SCALE 0.013	CODE E	SHEET 8/8	GROUP HBD	DRAWING NO. 80149433	REVISION A	