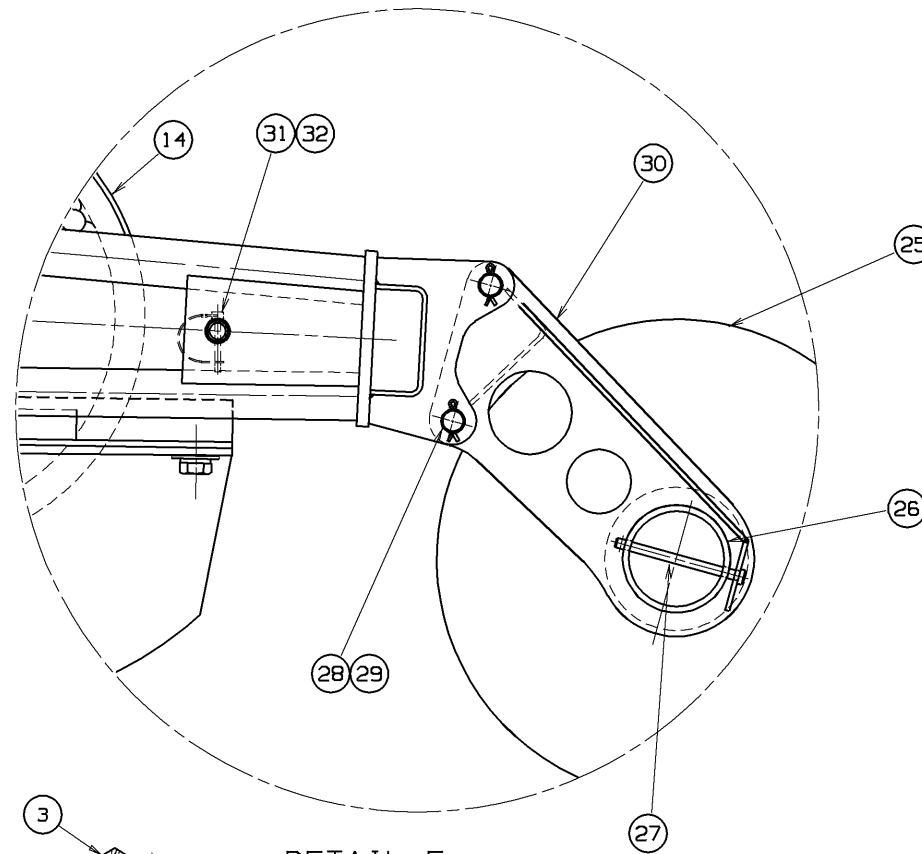
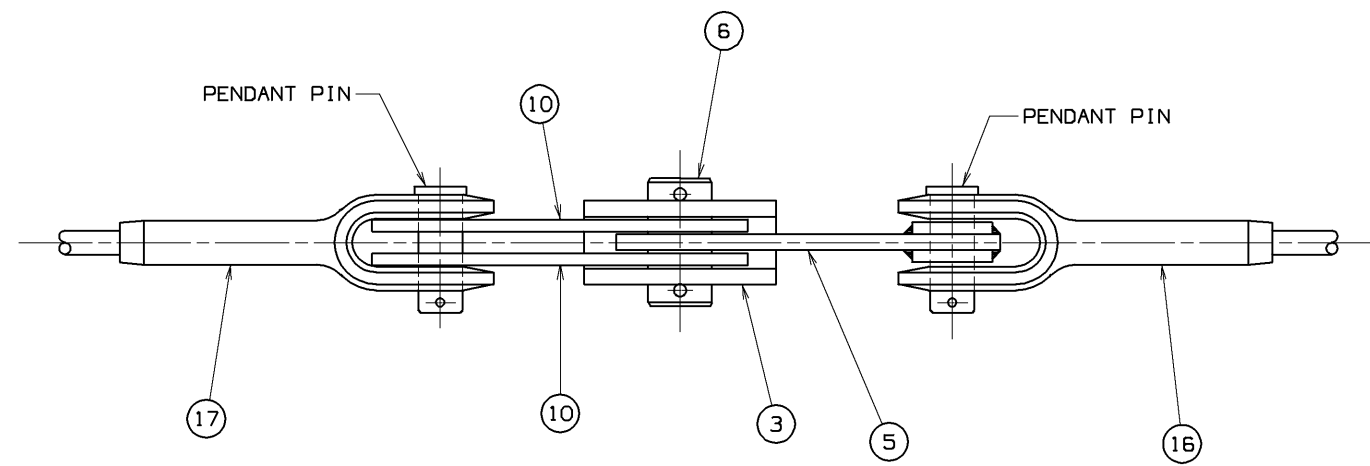
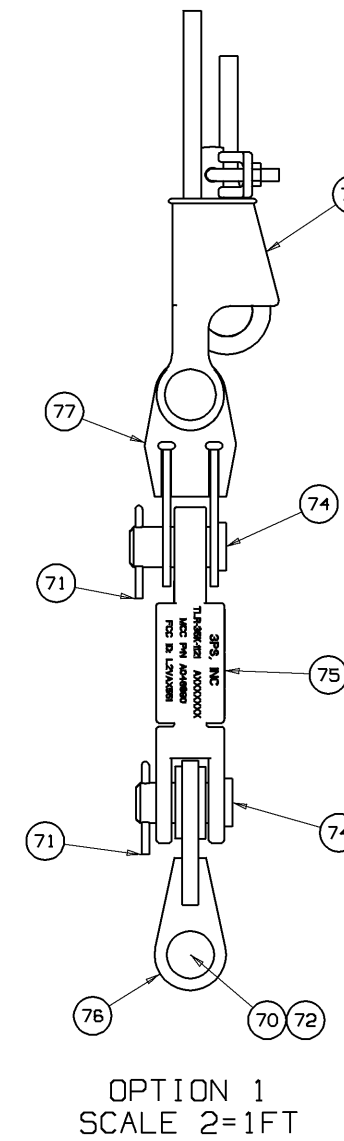
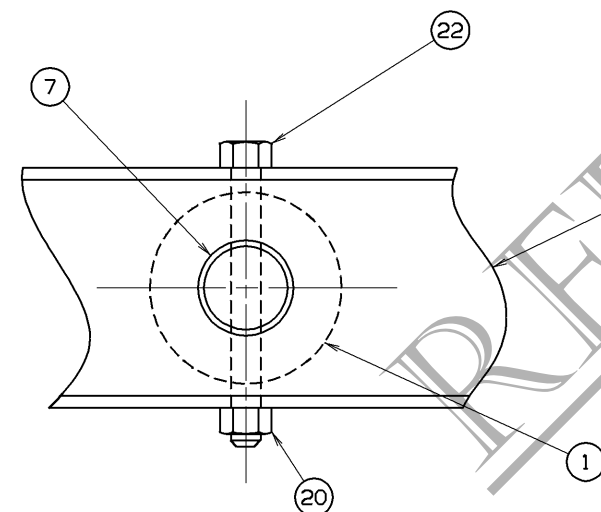
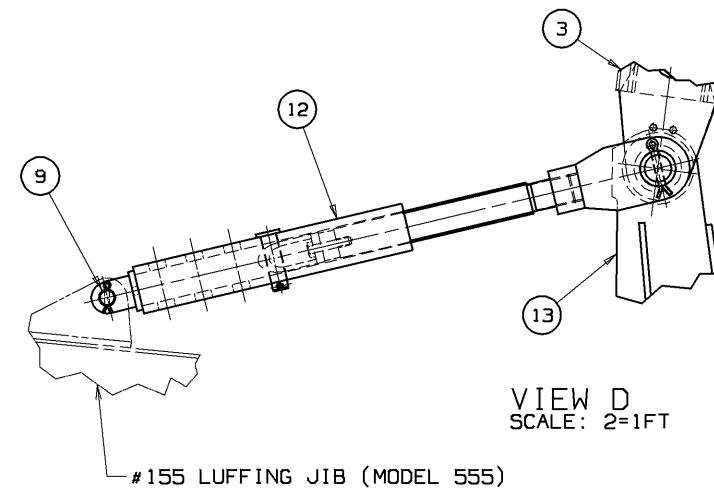
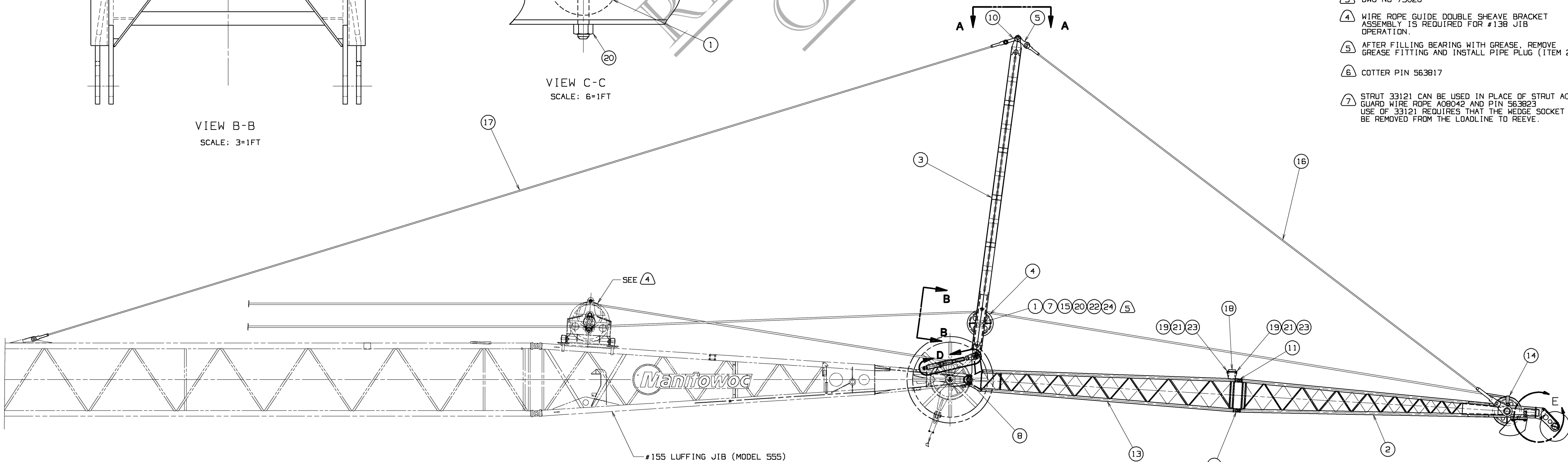
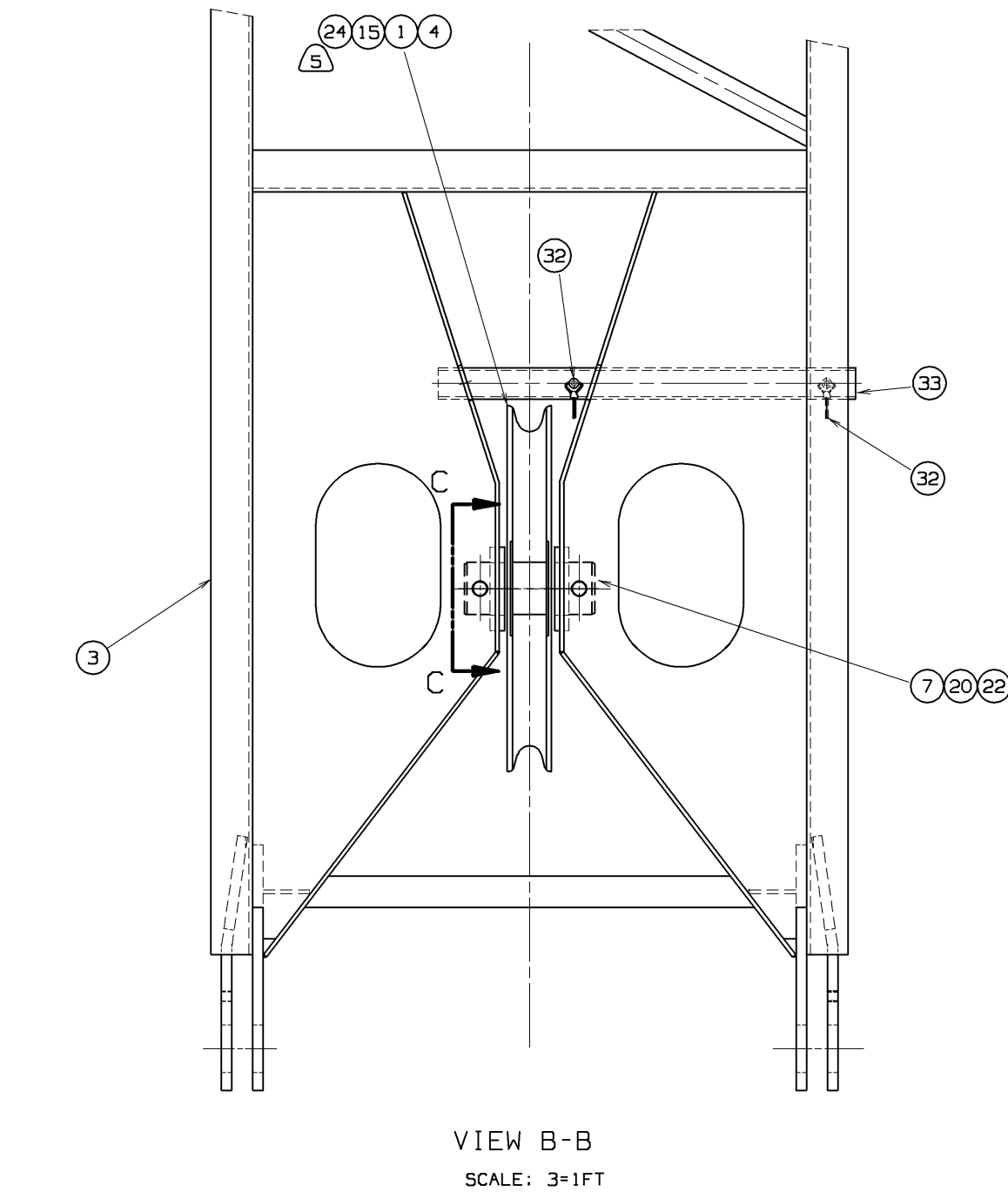




INSERTS, PENDANTS, AND PINS FOR VARIOUS JIB LENGTHS				
ITEM NO.		40	41	42
JIB LENGTH		10 FT. (3.1 M) INSERT	9 FT. (2.7 M) PENDANT	PIN
FEET	METERS			
40	12.2	1	2	4
50	15.2	2	4	8
60	18.3	3	6	12



BILL OF MATERIAL					ASSEMBLIES USED IN	
ITEM NO. NO. REQ'D	REC- TION	DESCRIPTION	LENGTH IN	MATERIAL	CASE NO. OR DES. NO.	
BASIC 30 FT (9.1M) JIB ASSEMBLY						
1	2	WASHER			11089	
2	1	JIB TOP-15 FT-0 (4.6M)			A07997	
3	1	STRUT WELDMENT			A08016	
4	1	SHEAVE			72172	5
5	2	STRAP			73028	
6	2	PIN			73045	
7	1	PIN			75694	
8	2	PIN			139193	
9	2	PIN			139812	
10	4	STRAP			161692	
11	4	JIB JOINT PIN			163653	2
12	2	JIB STOP ASSEMBLY			178518	
13	1	JIB BUTT			179359	
14	1	JIB POINT ASSEMBLY			A07998	
15	1	ROLLER BEARING			225070	
16	2	PENDANT 32 - 9 IN			A05817	1
17	2	PENDANT-56FT-6.50			277461	1
18	2	BUMPER RUBBER			285220	
19	4	NUT HEX .375-16UNC-2B			546054	
20	2	NUT ELASTIC STOP .625-11UNC-2B			548345	
21	4	SCREW HEX HD .375-16UNC-2A X 1.25 LG			612456	
22	2	SCREW HEX HD .625-11UNC-2A X 5.50 LG			612687	
23	4	WASHER LOCK .375			710304	
24	1	PLUG, PIPE .25			571721	5
25						
26	1	ROLLER			602178	
27	1	ROLLER SHAFT			194614	
28	2	SHAFT END PIN			194615	6
29	2	PIN			195330	
30	4	COTTER PIN			562110	
31	1	ROLLER FRAME			194613	
32	1	GUARD WIRE ROPE			A08320	
33	3	PIN SNAP .25 X 1.75			563823	
34	1	GUARD WIRE ROPE			A08042	
10 FT (3.05M) INSERT						
40	1	INSERT 10 FT (3.10M)			33120	3
41	2	PENDANT 9 FT (2.7M)			276691	3
42	4	JIB JOINT PIN			163653	2
43						
OPTION 1: WIRELESS LOAD SENSING						
A	70	2 PIN COTTER 1 HOLE W/HD 2.25 X 4.25			075052	
B	71	1 COTTER PIN .50 X 4.50			562174	
C	72	1 COTTER PIN .38 X 3.5			562151	
D	73	2 WEDGE SOCKET FOR 28mm			646247	
E	74	1 PIN COTTER 1 HOLE W/HD 2.50 DIA X 5.50			A01574	
F	75	1 LOAD CELL LINK 35K WIRELESS			A04689	
G	76	1 LINK			A05433	
H	77	1 LINK			A05434	



- ① DWG A02331
- ② ITEM 11 AND 42 ARE THE SAME 163653.
- ③ DWG NO 73026
- ④ WIRE ROPE GUIDE DOUBLE SHEAVE BRACKET ASSEMBLY IS REQUIRED FOR #138 JIB OPERATION.
- ⑤ AFTER FILLING BEARING WITH GREASE, REMOVE GREASE FITTING AND INSTALL PIPE PLUG (ITEM 24).
- ⑥ COTTER PIN 563817
- ⑦ STRUT 33121 CAN BE USED IN PLACE OF STRUT A08042 AND PIN 563823. USE OF 33121 REQUIRES THAT THE WEDGE SOCKET BE REMOVED FROM THE LOADLINE TO REEVE.

THIS PRINT REMAINS THE PROPERTY OF MANITOWOC CRANES, INC. IT IS LOANED, SUBJECT TO RETURN UPON DEMAND, AND ON EXPRESS CONDITION THAT IT IS NOT TO BE COPIED OR USED DIRECTLY OR INDIRECTLY IN ANY MANNER DETRIMENTAL TO OUR INTERESTS.		TOLERANCE UNLESS OTHERWISE SPECIFIED		FABRICATION		MACHINING		MANITOWOC CRANES, INC.		JIB FIXED ASSEMBLY	
DECIMAL PLACES		1/16		1/32		1/64		1/128		1/256	
(1) PLACE 0.0		±.12		±.18		±.015		±.005		±.002	
(2) PLACE 0.00		±.06		±.12		±.015		±.005		±.002	
(3) PLACE 0.000		±.03		±.06		±.015		±.005		±.002	
ANGLES		1/4°		1/2°		1/4°		1/8°		1/16°	
SCALE		1/4"=1'-0"		1/8"=1'-0"		1/16"=1'-0"		1/32"=1'-0"		1/64"=1'-0"	
DATE		07-28-03		07-28-03		07-28-03		07-28-03		07-28-03	
DRAWN BY		CDC		CDC		CDC		CDC		CDC	
CHECKED BY		TC		TC		TC		TC		TC	
APPROVED BY		TC		TC		TC		TC		TC	
MANITOWOC CRANES, INC.		Manitowoc, Wisconsin		JIB FIXED ASSEMBLY		#138A RIGGING		A07996		A07996	