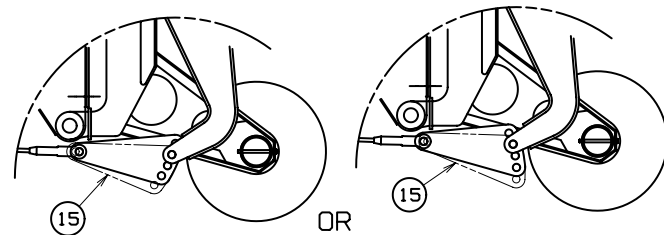
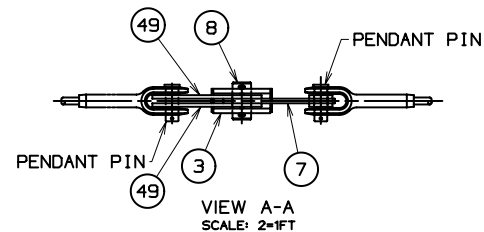
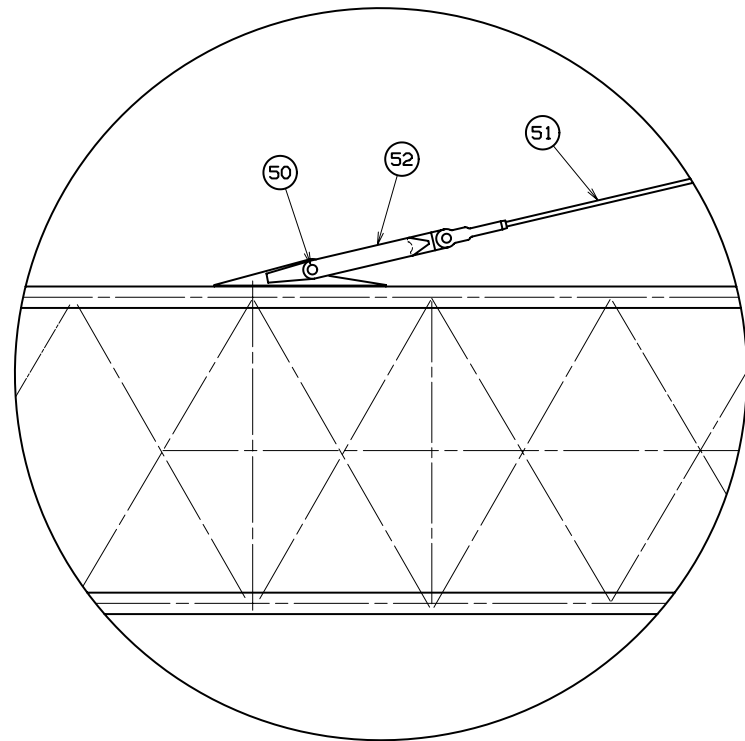
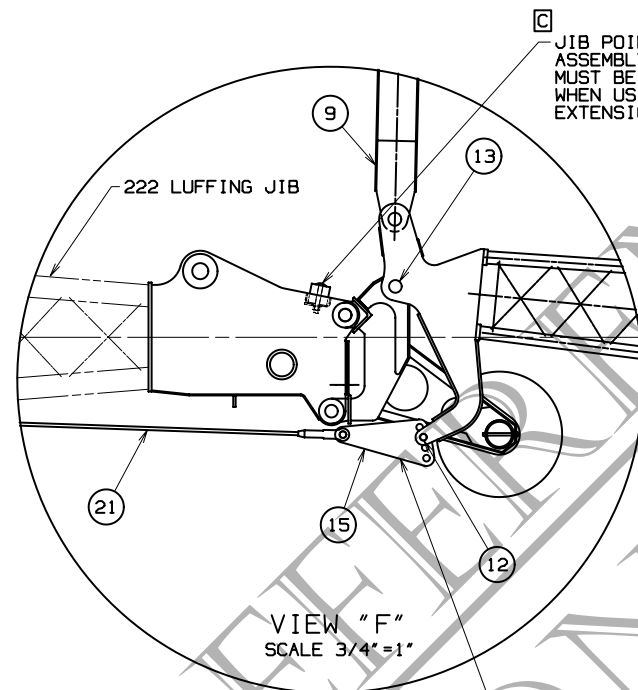


C

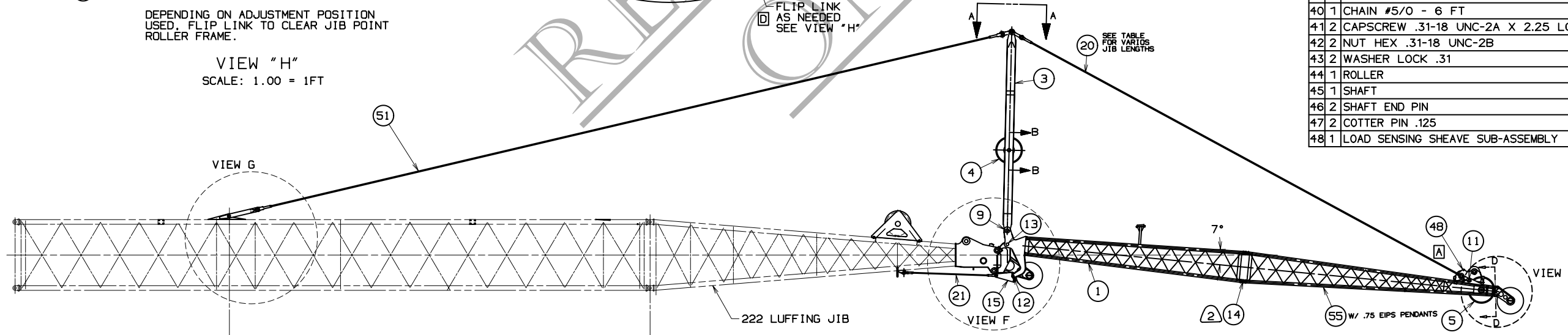
VIEW "G"
6"=1'DEPENDING ON ADJUSTMENT POSITION
USED, FLIP LINK TO CLEAR JIB POINT
ROLLER FRAME.VIEW "H"
SCALE: 1.00 = 1 FTFLIP LINK
AS NEEDED
SEE VIEW "H"

49	4	JIB EXTENSION BACKSTAY STRAP	161692
50	2	PIN	195938
51	2	JIB EXTENSION BACKSTAY PENDANT	277212
52	2	PENDANT LINK	163858
1210-5010 INSERT 10 FT. (3.05M)			
53	1	INSERT	911089
54	1	PENDANT	277208
1210-5020 JIB EXTENSION TOP			
55	1	JIB EXTENSION TOP - 15 FT	417342
1210-5030 JIB EXTENSION TOP			
56	1	JIB EXTENSION TOP - 15 FT	911090

- 1 32 FT.-2.50 (DWG. NO. 73026)
2 48 FT.-4.00 (DWG. NO. 73025)
3 5 FT.-9.75 IN. (DWG. NO. 76140)
4 ASSEMBLE PIN 163653 WITH HEAD ON OUTSIDE OF JIB.
5 FOR .875 WIRE ROPE.
6 GREASE LUBRICATION:
BEFORE ASSEMBLING MAKE SURE ALL GREASE HOLES ARE OPEN. GREASE FITTING LOCATIONS ARE MARKED WITH THIS SYMBOL Δ .
USE MOBILUX E.P. #2 GREASE (MCC CODE NO. 471197) OR EQUIVALENT.
7 WEIGHT IS AS FOLLOWS:
40' JIB ... 1640 LBS.
50' JIB ... 1864 LBS.
60' JIB ... 2088 LBS.

REQ'D FOR VARIOUS JIB LENGTHS			
DWG. NO.	911089	277208	DWG. 73026
JIB LENGTH	10 FT. INSERT (181 LBS EA)	9 FT.-9.00 PENDANT (21.4 LBS EA)	
40 FT.	1	2	
50 FT.	2	4	
60 FT.	3	6	

BILL OF MATERIAL						
ITEM NO. OR DWG. NO.	SEC- TION	DESCRIPTION	LENGTH IN.	MATERIAL	CODE NO. OR DWG. NO.	QTY
2		1210-5000 JIB EXTENSION ASSEMBLY				
1	1	JIB BUTT - 15 FT			911088	
2						
3	1	STRUT - 12 FT 6 IN			911091	
4	1	SHEAVE ASSEMBLY			911093	5
5	1	JIB POINT SHAFT ASSEMBLY			911097	5
6	2	PIN			195330	
7	2	STRAP			73028	
8	2	PIN			73045	
9	2	PIN			75566	
10	5	CABLE TIE RETAINER			911075	
11	2	PIN			139133	
12	2	PIN			139812	
13	2	PIN			141621	
14	4	JIB JOINT PIN			163653	4
15	2	ADJUSTING LINK			194602	
16	4	COTTER PIN .25			562110	
17	1	SLEEVE			913061	
18	1	JIB STRUT SHAFT			912899	
19	1	NUT NYLON LOCK .25-20 UNC-2B			548341	
20	2	BASIC PENDANT			277207	
21	2	JIB STOP PENDANT			277210	3
22						
23	2	NUT ELASTIC STOP .62-11 UNC-2B			548345	
24	1	ANTI-TWO BLOCK SWITCH MOD & ASSEMBLY			911382	
25	1	ANTI-TWO BLOCK SWITCH MOUNTING PLATE			911033	
26	1	CAPSCREW HEX HD .62-18 UNF-2A X 2.00 LG			613415	
27	1	NUT HEX .62-18 UNF-2B			547138	
28	2	WASHER FLAT .62			709480	
29						
30	2	MOUNTING BRACKET			911052	
31	4	ANCHOR SHACKLE			624633	
32	1	CHAIN #5/0 - 7FT			334101	
33	8	CAPSCREW HEX HD .37-16 UNC-2A X .62 LG			612451	
34	8	WASHER LOCK .37			710304	
35	2	CAPSCREW HEX HD .25-20 UNC-2A X .75 LG			612353	
36	1	LIFT BLOCK .88 ROPE			93705	
37	1	WEIGHT UPPER POINT OR JIB			169744	
38	2	SCREW HEX HD .62-11 UNC-2A X 5.50 LG			612687	
39	1	ROLLER FRAME			194613	
40	1	CHAIN #5/0 - 6 FT			334101	
41	2	CAPSCREW .31-18 UNC-2A X 2.25 LG			612415	
42	2	NUT HEX .31-18 UNC-2B			547112	
43	2	WASHER LOCK .31			710303	
44	1	ROLLER			602178	
45	1	SHAFT			194614	
46	2	SHAFT END PIN			194615	
47	2	COTTER PIN .125			562045	
48	1	LOAD SENSING SHEAVE SUB-ASSEMBLY			195122	



SCALE: .31=1 FT

ESTIM. WEIGHT:
1468.0 LBS

TOLERANCE UNLESS OTHERWISE SPECIFIED			
DECIMAL PLACES	FABRICATION	MACHINING	FINISH
(1) PLACE 0.0	±.120	±.180	±.030
(2) PLACE 0.00	±.060	±.120	±.015
(3) PLACE 0.000	±.030	±.060	±.005
ANGLES	±1° 30'	±0° 30'	

Manitowoc Cranes, Inc. Manitowoc, Wisconsin		NO. 10 JIB EXTENSION ASSEMBLY	
MODEL 222			

195090

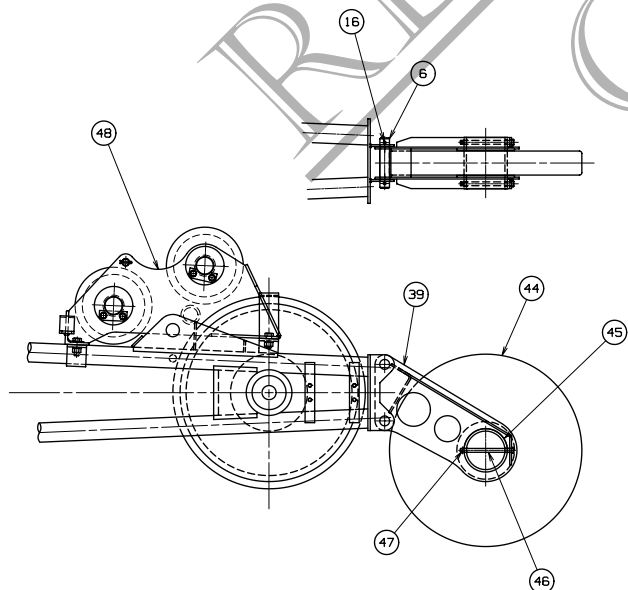
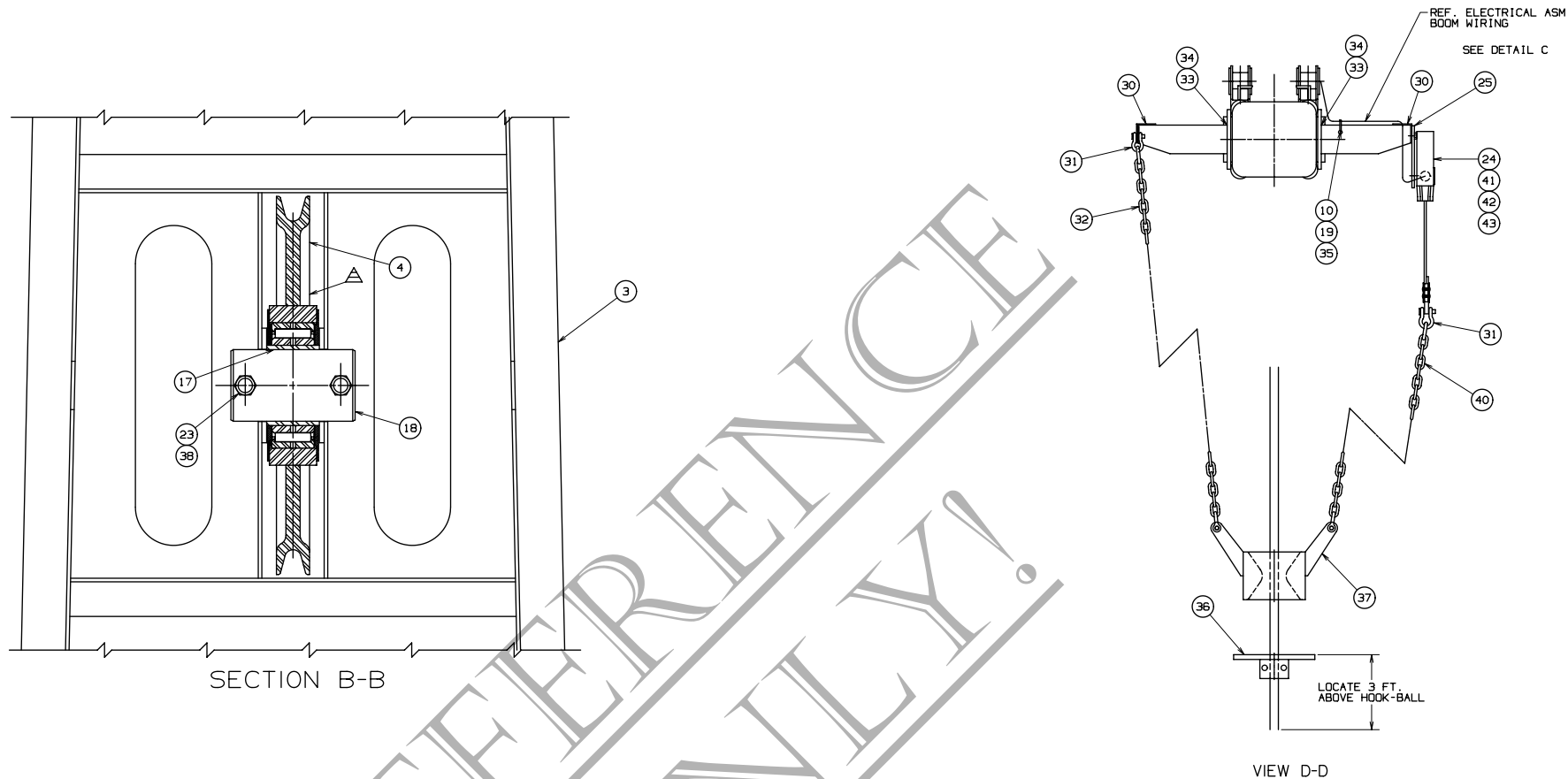
SHEET 1 OF 2

BILL OF MATERIAL				
ITEM NO.	REV.	DESCRIPTION	QTY.	UNIT

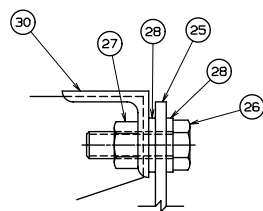
ASSEMBLIES USED ON

REVISIONS
03-30-00 JUM
VIEW CORRECTION

DATE	03-10-00
SHEET 2 OF 2	



VIEW E
SCALE 2.00=1FT



DETAIL "C"
ANTI-TWO-BLOCK PIVOT

1. ASSEMBLE AS SHOWN.
2. TIGHTEN CAPSCREW TILL CONTACT IS MADE WITH WASHERS, BRACKET AND PIVOT PLATE. PIVOT PLATE MUST MOVE FREELY.
3. TIGHTEN NUT AGAINST REAR OF BRACKET TO CAPSCREW WHILE RESTRAINING CAPSCREW.
4. TEST PIVOT PLATE FOR FREEDOM OF MOVEMENT. IF PLATE DOES NOT PIVOT FREELY, LOOSEN NUT AND CAPSCREW, RE-LOCK, AND REPEAT STEP 4.

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(1) PLACE	0.00	± 0.125	± 0.180	± 0.030	± 0.030	± 0.030	± 0.030	± 0.030	± 0.030	03-10-00	03-10-00
(2) PLACE	0.00	± 0.125	± 0.180	± 0.030	± 0.030	± 0.030	± 0.030	± 0.030	± 0.030	03-10-00	03-10-00
(3) PLACE	0.000	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	± 0.005	03-10-00	03-10-00
ANGLES		± 1° 30'	± 2° 30'	± 0° 30'	± 0° 30'	± 0° 30'	± 0° 30'	± 0° 30'	± 0° 30'	03-10-00	03-10-00
DRAWN BY JUM		CHECKED BY DBO		DATE 03-10-00		PROJECT 222		JOB EXTENSION		DATE 03-10-00	
BY DBO		DATE 03-10-00		PROJECT 222		JOB EXTENSION		DATE 03-10-00		03-10-00	
BY DBO		DATE 03-10-00		PROJECT 222		JOB EXTENSION		DATE 03-10-00		03-10-00	

DO NOT SCALE THIS DRAWING

SHEET 2 OF 2