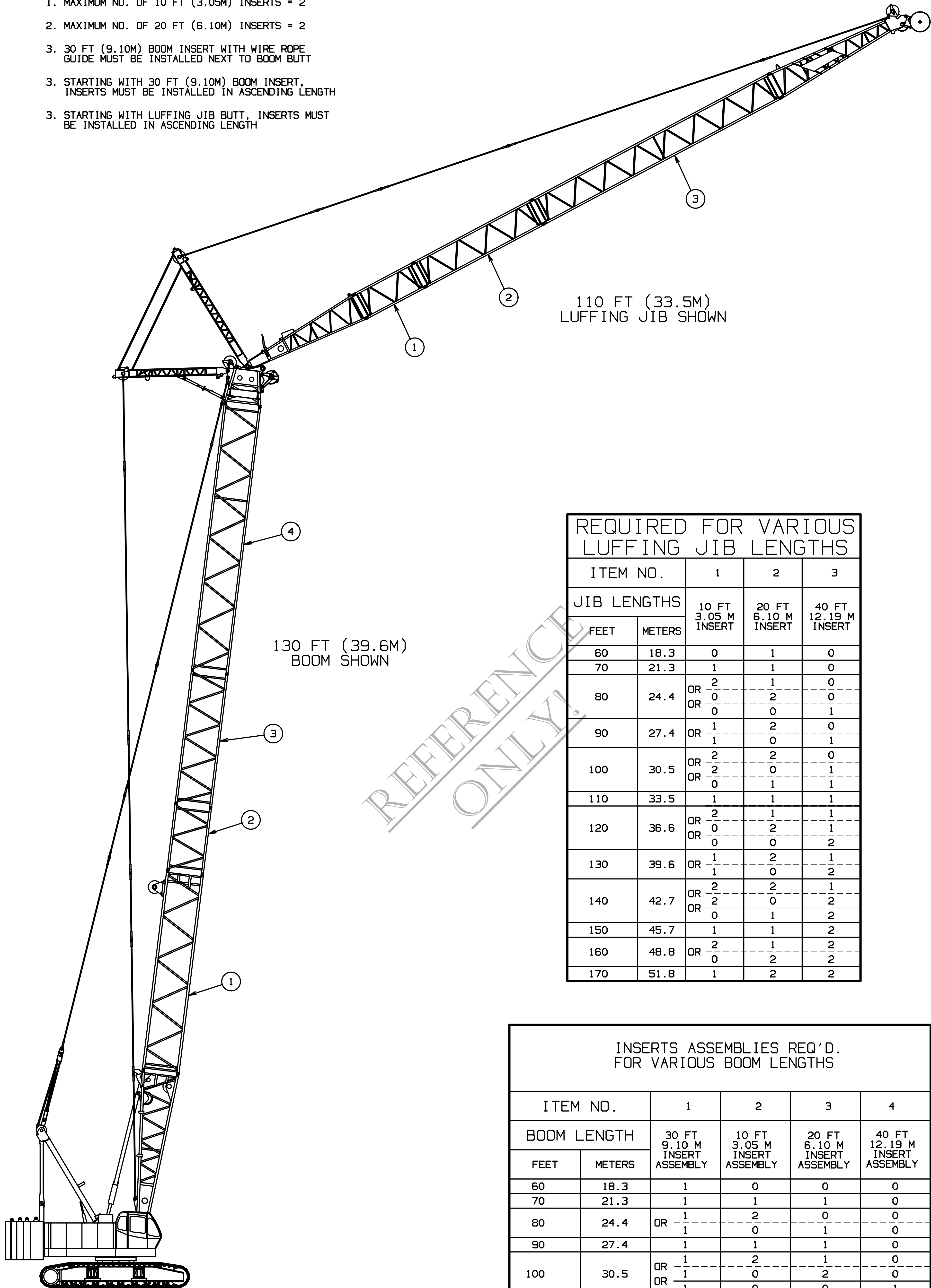


1. MAXIMUM NO. OF 10 FT (3.05M) INSERTS = 2
2. MAXIMUM NO. OF 20 FT (6.10M) INSERTS = 2
3. 30 FT (9.10M) BOOM INSERT WITH WIRE ROPE GUIDE MUST BE INSTALLED NEXT TO BOOM BUTT
3. STARTING WITH 30 FT (9.10M) BOOM INSERT, INSERTS MUST BE INSTALLED IN ASCENDING LENGTH
3. STARTING WITH LUFFING JIB BUTT, INSERTS MUST BE INSTALLED IN ASCENDING LENGTH



REQUIRED FOR VARIOUS
LUFFING JIB LENGTHS

ITEM NO.		1	2	3
JIB LENGTHS		10 FT 3.05 M INSERT	20 FT 6.10 M INSERT	40 FT 12.19 M INSERT
FEET	METERS			
60	18.3	0	1	0
70	21.3	1	1	0
80	24.4	2	1	0
		OR 0	2	0
		OR 0	0	1
90	27.4	1	2	0
		OR 1	0	1
100	30.5	2	2	0
		OR 2	0	1
		OR 0	1	1
110	33.5	1	1	1
120	36.6	2	1	1
		OR 0	2	1
		OR 0	0	2
130	39.6	1	2	1
		OR 1	0	2
140	42.7	2	2	1
		OR 2	0	2
		OR 0	1	2
150	45.7	1	1	2
160	48.8	OR 2	1	2
		OR 0	2	2
170	51.8	1	2	2

INSERTS ASSEMBLIES REQ'D.
FOR VARIOUS BOOM LENGTHS

ITEM NO.		1	2	3	4
BOOM LENGTH		30 FT 9.10 M INSERT ASSEMBLY	10 FT 3.05 M INSERT ASSEMBLY	20 FT 6.10 M INSERT ASSEMBLY	40 FT 12.19 M INSERT ASSEMBLY
FEET	METERS				
60	18.3	1	0	0	0
70	21.3	1	1	1	0
80	24.4	OR 1	2	0	0
		1	0	1	0
90	27.4	1	1	1	0
100	30.5	OR 1	2	1	0
		OR 1	0	2	0
		1	0	0	1
110	33.5	OR 1	1	2	0
		1	1	0	1
120	36.6	OR 1	2	2	0
		OR 1	2	0	1
		1	0	1	1
130	39.6	1	1	1	1
140	42.7	OR 1	2	1	1
		OR 1	0	2	1
		1	0	0	2
150	45.7	OR 1	1	2	1
		1	1	0	2

DATE	SCALE	Manitowoc Cranes, Inc. Manitowoc, Wisconsin	11000 LUFFING JIB RIGGING ASSEMBLY	REVISION
03-11-10	NONE			
DRAWING NO.	DR. RAH	MODEL 11000		
	CK. JLD			
	APP. JLD			

11000 RIG LUFFER