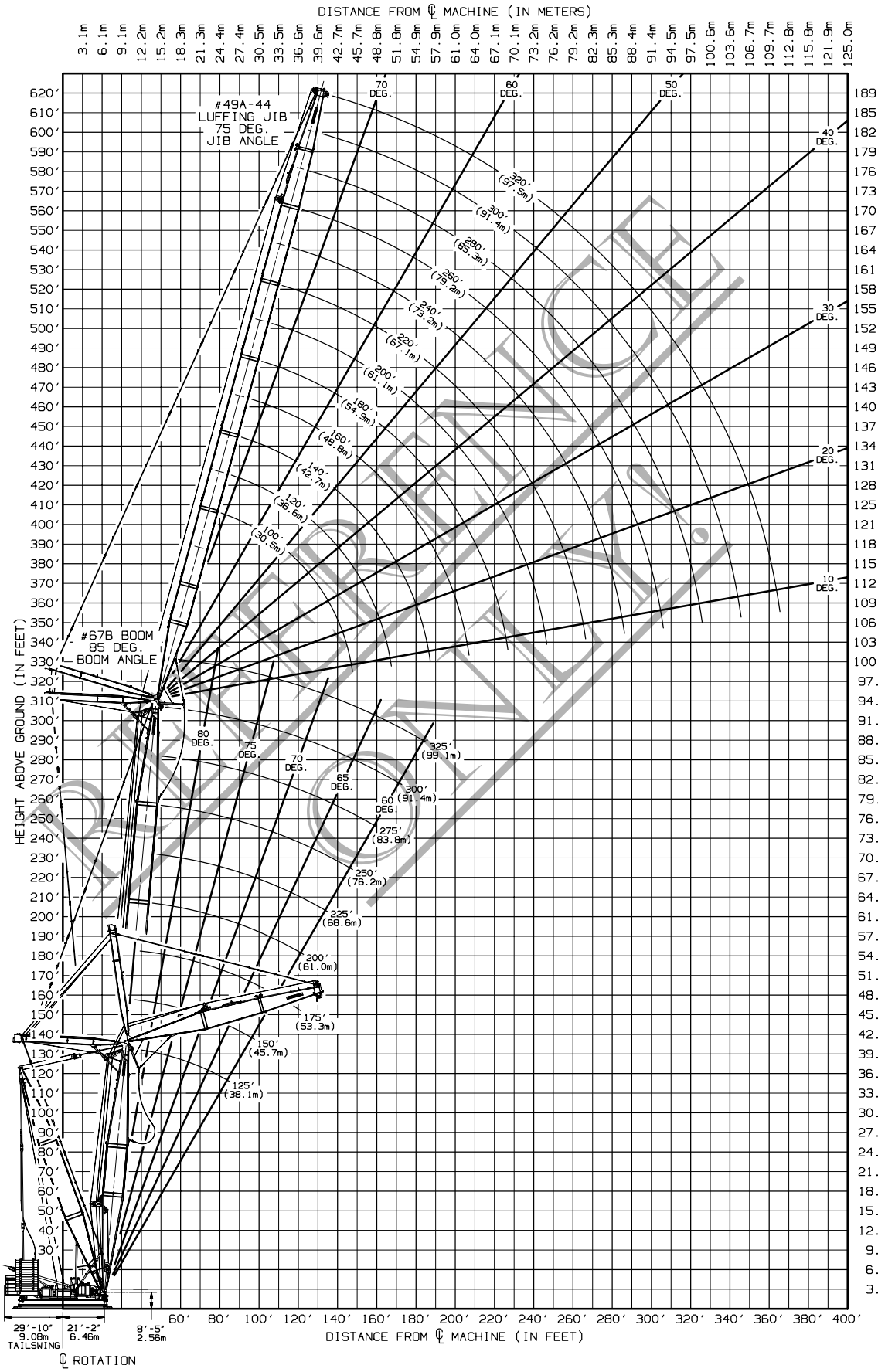
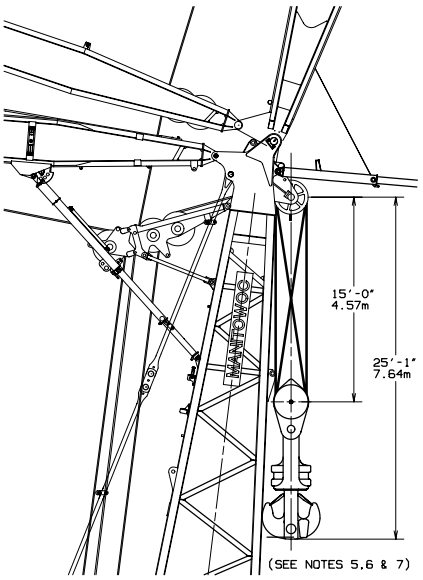
MANITOWOC CRANES, INC.



888 RINGER RANGE DIAGRAM (#67B BOOM & #49A-44 LUFFING JIB)

179394-1
03-18-99



660 TON (600 m TON)
BLOCK TO BOOM POINT MINIMUM DISTANCE
NO.67B BOOM 83 DEGREE BOOM ANGLE
34 PARTS OF LINE

NOTE 1: MAXIMUM LENGTH SHOWN FOR BOOM AND BOOM-JIB COMBINATIONS ARE FOR 888 RINGER WITH MAXIMUM AUXILIARY COUNTERWEIGHT ARRANGEMENT. SEE CAPACITY CHARTS FOR MAXIMUM LENGTH OF OTHER COUNTERWEIGHT ARRANGEMENTS.

NOTE 2: THIS DRAWING IS INTENDED ONLY AS A GUIDE TO ASSIST IN JOB PLANNING.

NOTE 3: FOR PLANNING A LIFT, THIS DRAWING IS TO BE USED IN CONJUNCTION WITH APPROPRIATE CAPACTIY CHARTS, RANGE CHART, LOAD LINE SPECIFICATIONS, RIGGING DRAWING, AND OUTLINE DIMENSIONS.

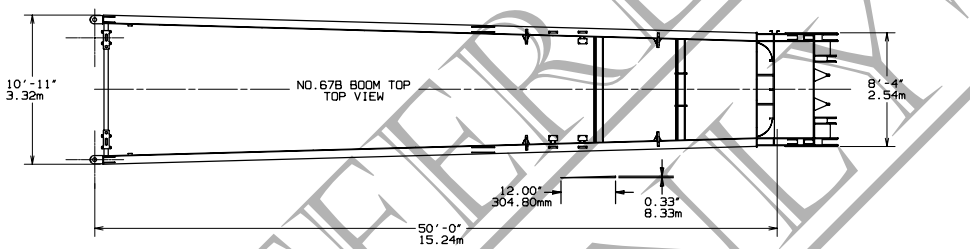
NOTE 4: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED, A DETAILED LAYOUT SHOULD BE PREPARED.

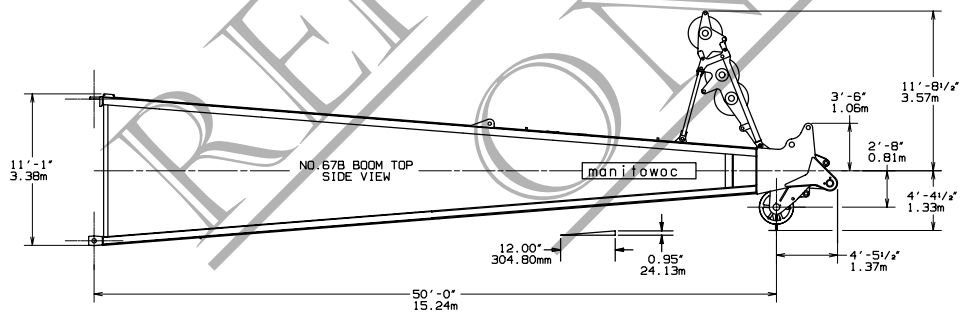
NOTE 5: DISTANCE OF MANITOWOC LOAD BLOCK TO BOOM OR JIB POINT BASED ON 2-1/2 DEGREE FLEET ANGLE OR PHYSICAL LIMITATIONS.

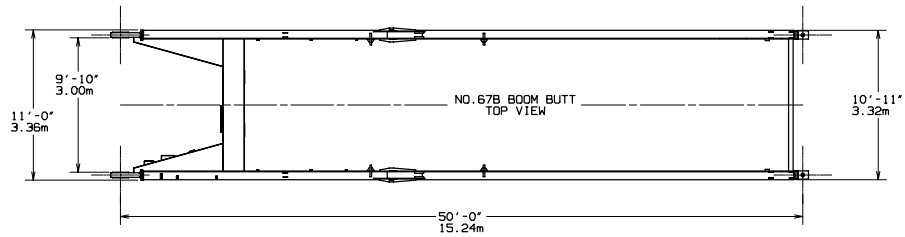
NOTE 6: WHEN EQUIPPED WITH BLOCK UP LIMIT CONTROL, LOAD BLOCK TO BOOM OR JIB POINT MINIMUM DISTANCE MAY BE MORE THAN INDICATED. SEE OPERATOR'S MANUAL FOR "BLOCK UP LIMIT CONTROL".

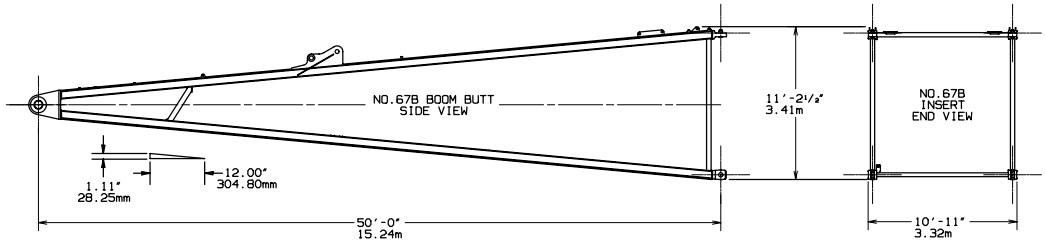
NOTE 7: MINIMUM DISTANCE FROM MANITOWOC SUPPLIED LOAD BLOCK TO BOOM OR JIB POINT SHOWN IS FOR WORST CASE. DISTANCE COULD BE LESS DEPENDING ON CONFIGURATION.

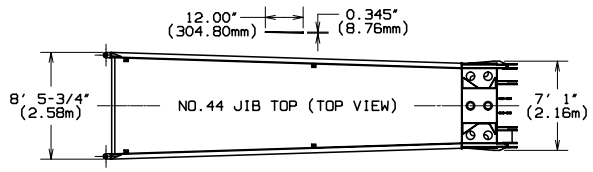
NOTE 8: MAXIMUM BOOM ANGLE = 85 DEGREES FOR NO.67B BOOM WITH 49A-44 LUFFING JIB.

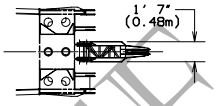


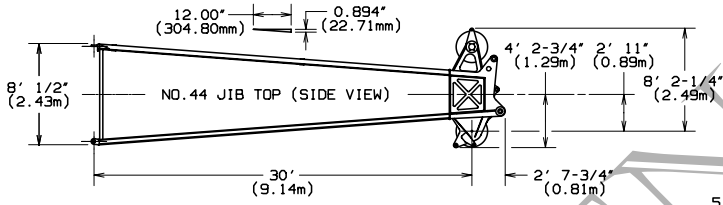


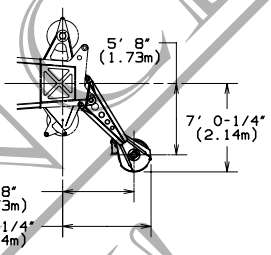




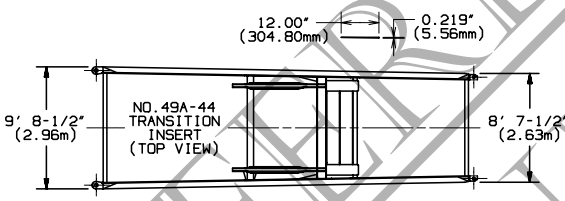


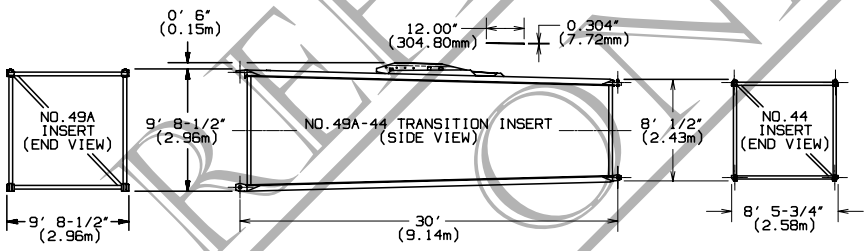


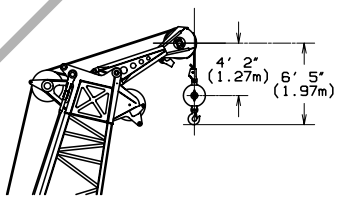




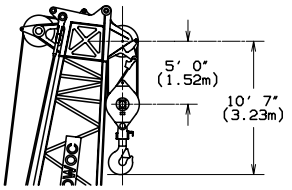
UPPER JIB POINT



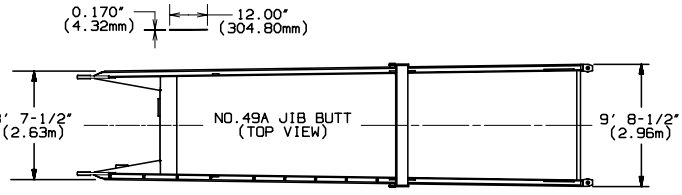


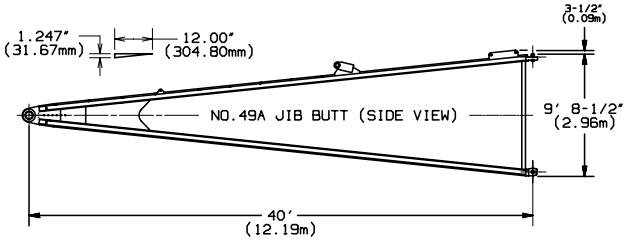


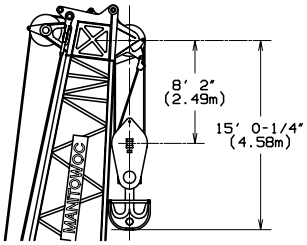
15 US TON (14 METRIC TON)
SWIVEL HOOK & WEIGHT BALL
TO UPPER JIB POINT MINIMUM DISTANCE
NO.49A-44 JIB - 1 PART OF LINE



100 US TON (91 METRIC TON)
BLOCK TO JIB POINT
MINIMUM DISTANCE
#49A-44 JIB - 6 PARTS OF LINE







300 US TON (272 METRIC TON)
BLOCK TO JIB POINT
MINIMUM DISTANCE
#49A-44 JIB - 18 PARTS OF LINE

MINIMUM DISTANCE MEASUREMENTS FROM MANITOWOC LOAD BLOCK TO JIB POINT BASED ON 76 DEGREE JIB ANGLE AND 2-1/2 DEGREE FLEET ANGLE OR PHYSICAL LIMITATIONS.