

# MANITOWOC CRANES, INC.

NOTE 1: THIS DRAWING IS INTENDED ONLY AS A GUIDE TO ASSIST IN JOB PLANNING.

NOTE 2: FOR PLANNING A LIFT, THIS DRAWING IS TO BE USED IN CONJUNCTION WITH APPROPRIATE CAPACITY CHARTS, RANGE CHART, LOAD LINE SPECIFICATIONS, RIGGING DRAWING, AND OUTLINE DIMENSIONS.

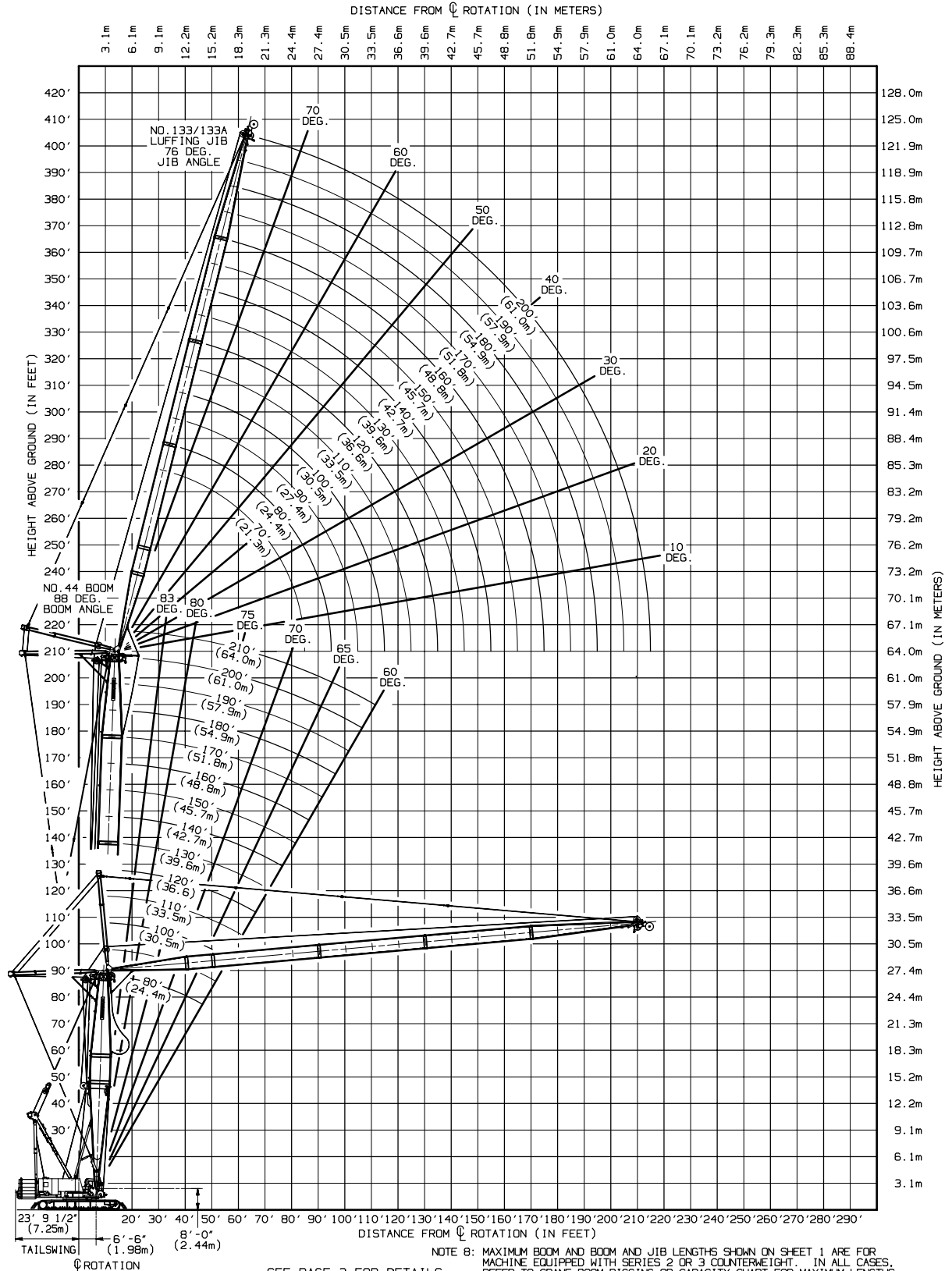
NOTE 4: FOR PLANNING A LIFT WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED, A DETAILED LAYOUT SHOULD BE PREPARED.

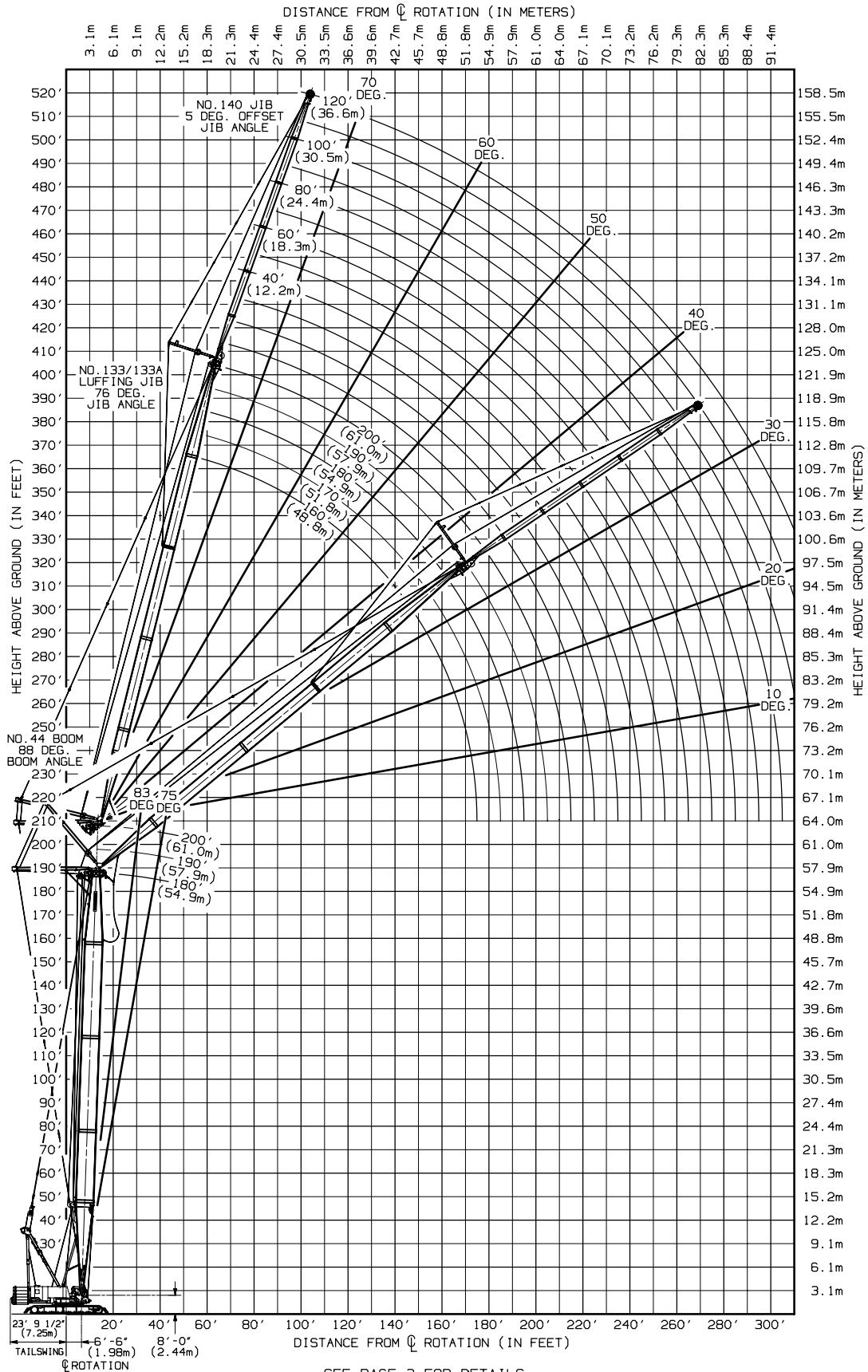
NOTE 4: DISTANCE OF MANITOWOC LOAD BLOCK TO BOOM POINT BASED ON 2 1/2 DEGREE FLEET ANGLE OR PHYSICAL LIMITATIONS.

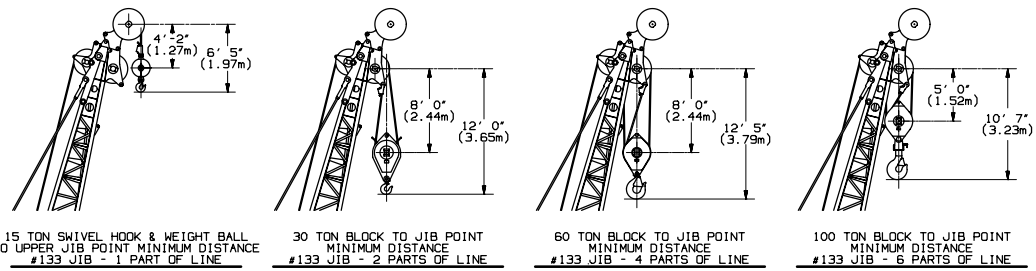
NOTE 5: WHEN EQUIPPED WITH HOIST LIMIT CONTROL, LOAD BLOCK TO BOOM POINT MINIMUM DISTANCE MAY BE MORE THAN INDICATED. SEE OPERATOR'S MANUAL FOR "HOIST LIMIT CONTROL".

NOTE 6: MAXIMUM BOOM ANGLE 88 DEGREES FOR NO.44 BOOM WITH NO.133/133A LUFFING JIB.  
MAXIMUM JIB ANGLE 76 DEGREES FOR NO.133/133A LUFFING JIB WITH NO.44 BOOM AT AN 88 DEGREE BOOM ANGLE.

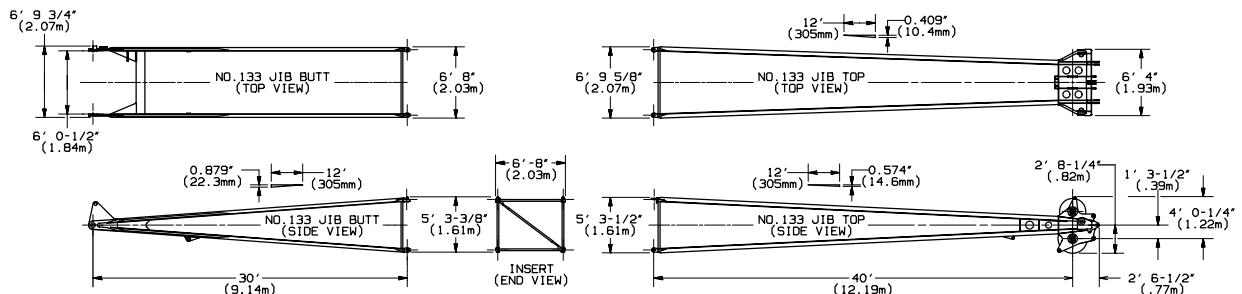
NOTE 7: JIB NO.133 (SHOWN) IS IDENTICAL TO JIB NO.133A EXCEPT FOR THE JIB CONNECTORS. JIB NO.133 HAS FACT CONNECTORS, JIB NO.133A HAS STANDARD CONNECTORS.



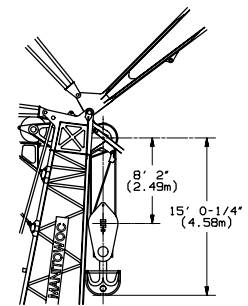
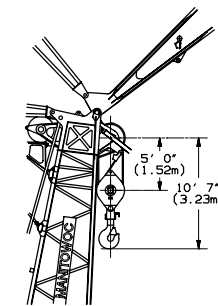
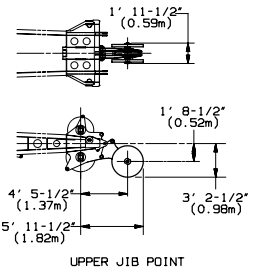
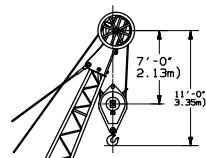
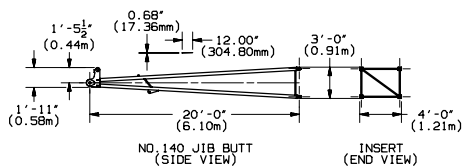
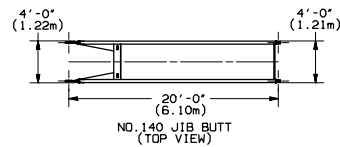
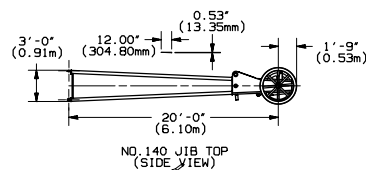
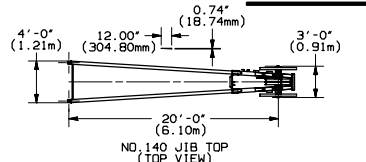




MINIMUM DISTANCE MEASUREMENTS  
BASED ON 76° JIB ANGLE.



NOTE: JIB NO. 133 (SHOWN) IS IDENTICAL TO JIB NO. 133A EXCEPT FOR THE JIB CONNECTORS. JIB NO. 133 HAS FACT CONNECTORS. JIB NO. 133A HAS STANDARD CONNECTORS.



MINIMUM DISTANCE MEASUREMENTS BASED ON 83° BOOM ANGLE.  
BOOM ANGLES ABOVE 83° ARE NOT ALLOWED WITH A LOAD BLOCK HANGING FROM THE LOWER BOOM POINT.

