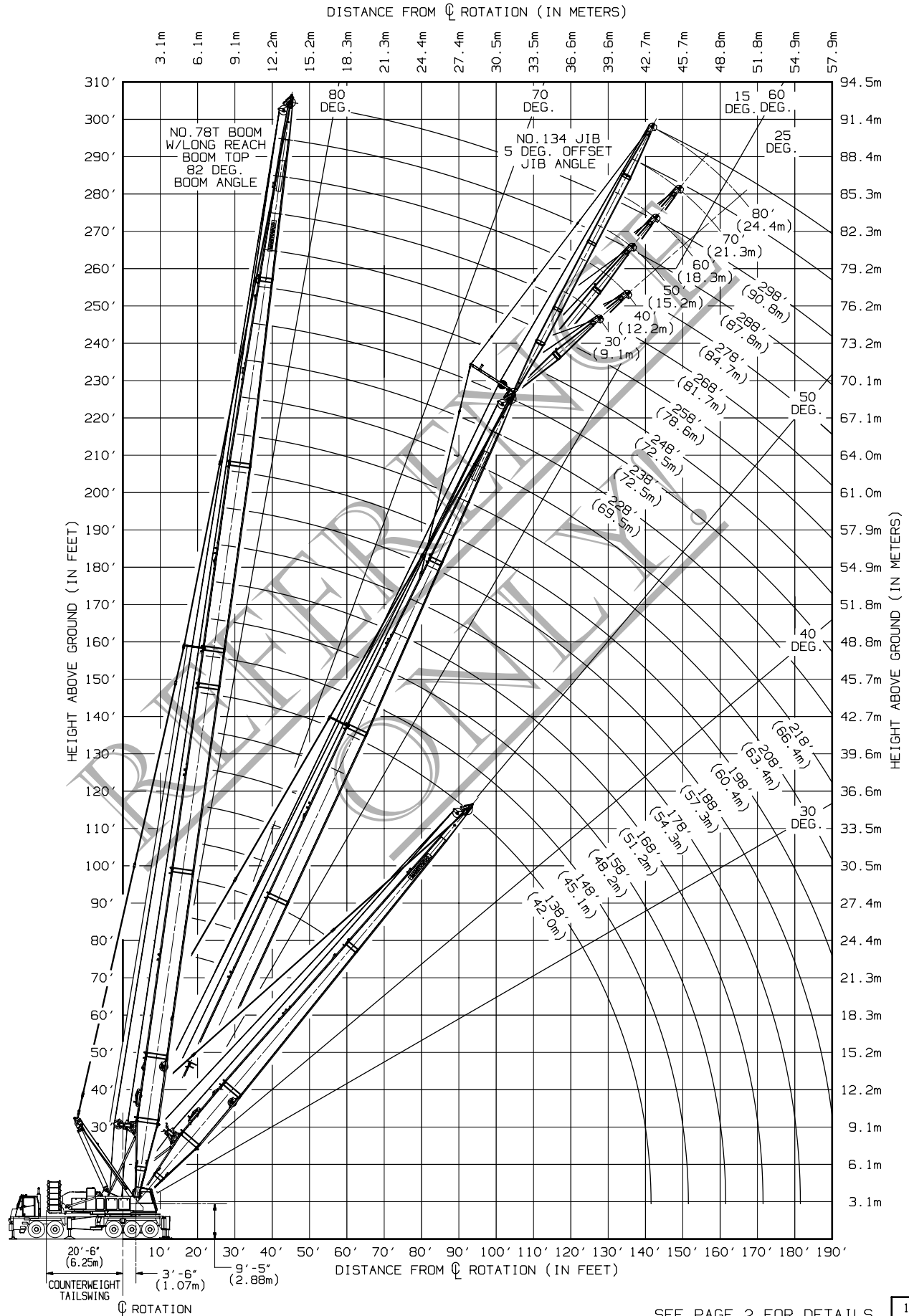
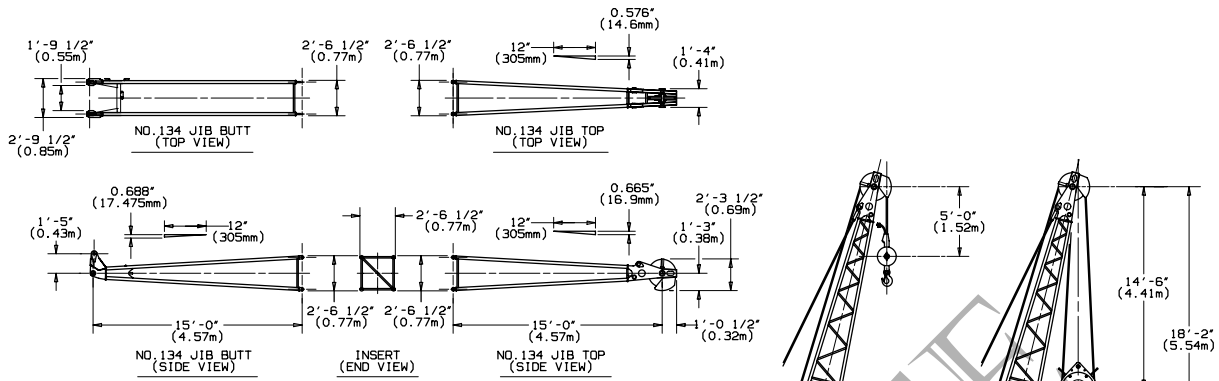




SEE PAGE 2 FOR DETAILS

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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, WIRE ROPE SPECIFICATIONS, RIGGING DRAWING, AND OUTLINE DIMENSIONS.

NOTE 3: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED, A DETAILED LAYOUT SHOULD BE PREPARED.

NOTE 4: WHEN EQUIPPED WITH BLOCK-UP LIMIT CONTROL, LOAD BLOCK TO BOOM POINT/JIB POINT MINIMUM DISTANCE MAY BE MORE THAN INDICATED. SEE OPERATOR'S MANUAL FOR "BLOCK-UP LIMIT CONTROL".

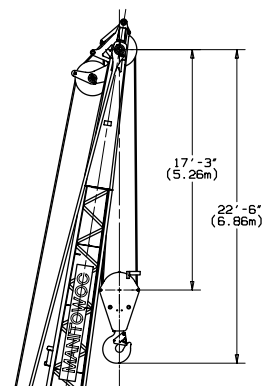
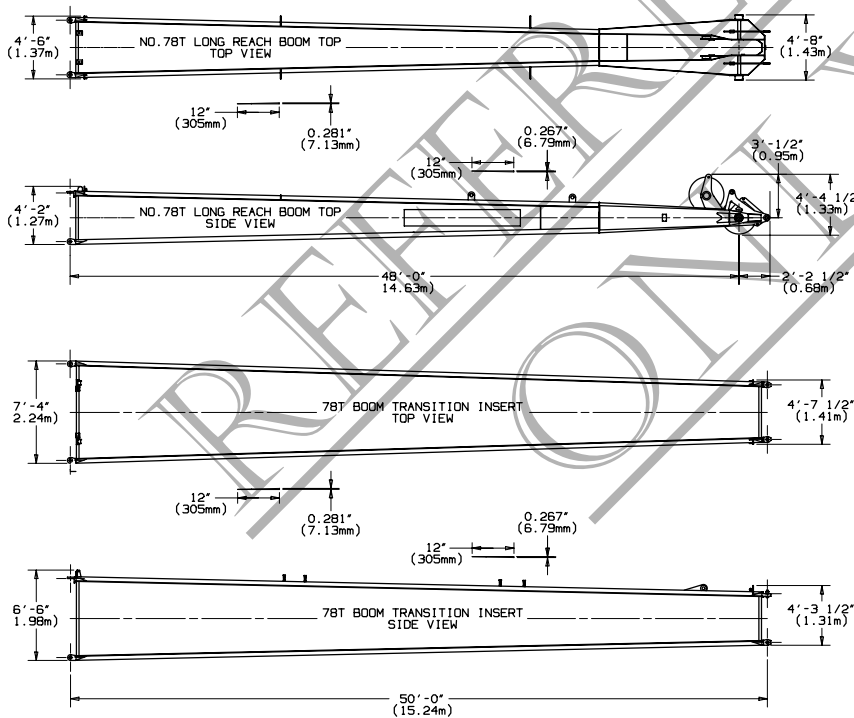
NOTE 5: MAXIMUM BOOM ANGLE 82 DEGREES FOR NO.78T BOOM.

NOTE 6: MAXIMUM BOOM AND JIB COMBINATIONS SHOWN ON SHEET 1 ARE FOR MACHINES EQUIPPED WITH MAXIMUM COUNTERWEIGHT INCLUDING FRONT BUMPER COUNTERWEIGHT AND OUTRIGGERS. IN ALL INSTANCES REFER TO CAPACITY CHARTS AND THE APPROPRIATE BOOM RIGGING DRAWING FOR MAXIMUM BOOM CONFIGURATIONS.

15 US TON (14 METRIC TON) SWIVEL HOOK & WEIGHT BALL TO JIB POINT MINIMUM DISTANCE NO.134 JIB - SINGLE PART LINE

30 US TON (27 METRIC TON) BLOCK TO JIB POINT MINIMUM DISTANCE NO.134 JIB - 2 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.



100 US TON (91 METRIC TON) BLOCK TO BOOM POINT MINIMUM DISTANCE NO.78T LONG REACH BOOM TOP - 6 PARTS OF LINE -

MINIMUM DISTANCE MEASUREMENTS FROM MANITOWOC LOAD BLOCK TO BOOM POINT SHOWN ABOVE FOR NO.78T LONG REACH BOOM TOP BASED ON 82 DEGREE BOOM ANGLE AND 2-1/2 DEGREE FLEET ANGLE OR PHYSICAL LIMITATIONS.

