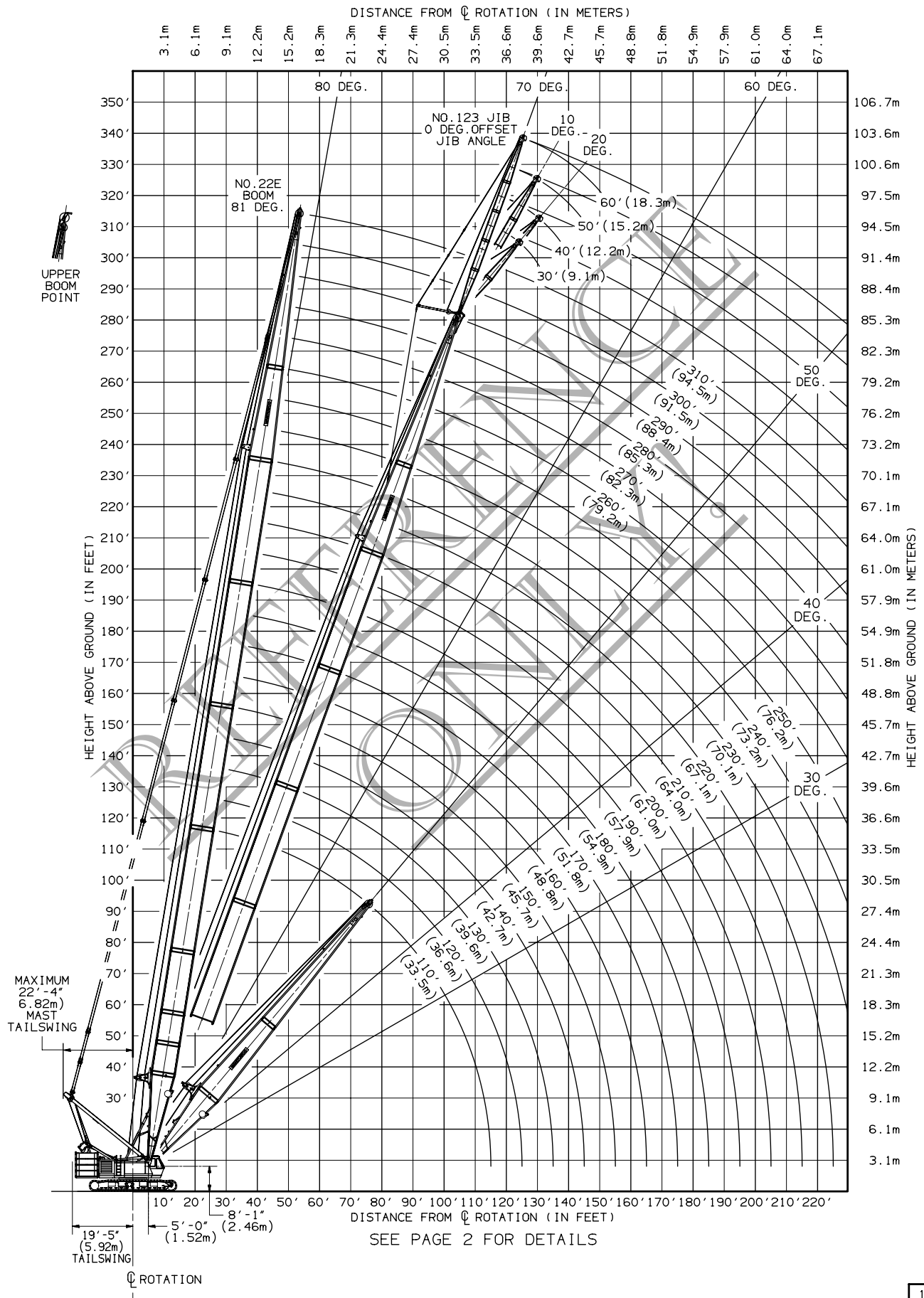
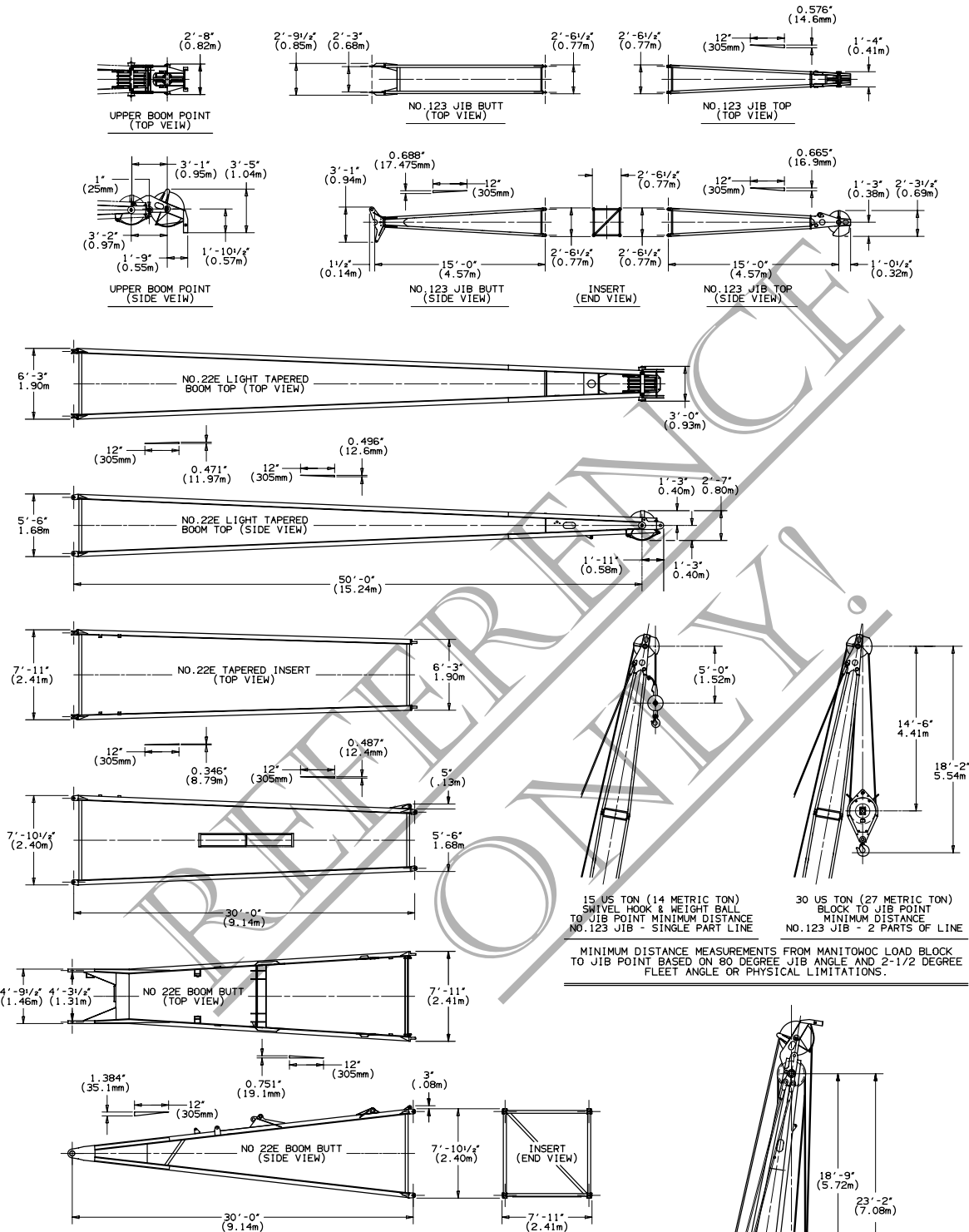


MANITOWOC CRANES, INC.





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 81 DEGREES FOR NO.22E BOOM WITH LIGHT TAPERED TOP.

NOTE 6: MAXIMUM BOOM AND BOOM JIB LENGTHS SHOWN ON SHEET 1 OF 2 ARE FOR MACHINES PROVIDED WITH SERIES 2 COUNTERWEIGHTS. REFER TO CRANE BOOM RIGGING OR CAPACITY CHARTS FOR SERIES 1 MAXIMUM LENGTHS.