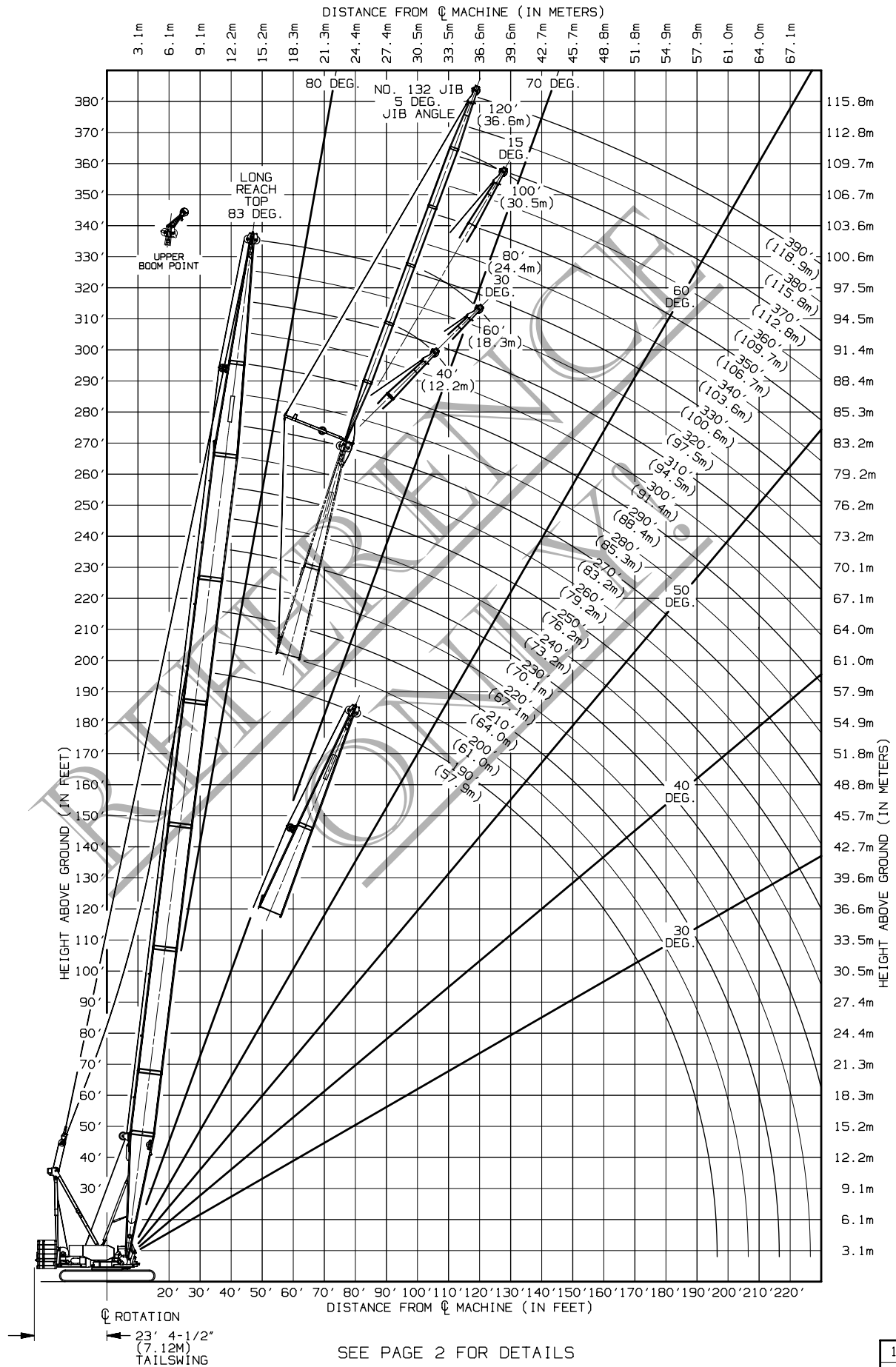
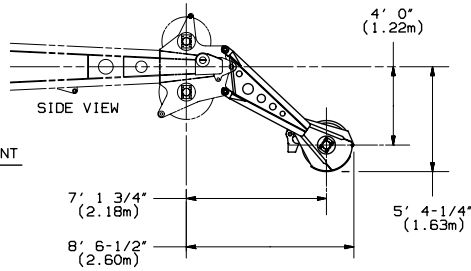
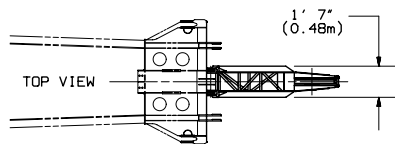
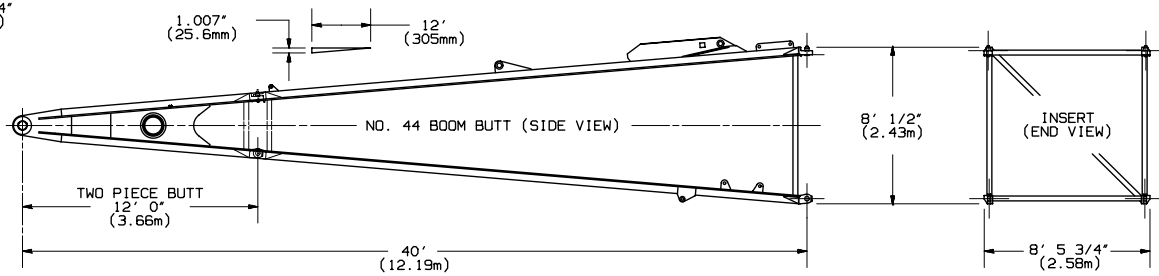
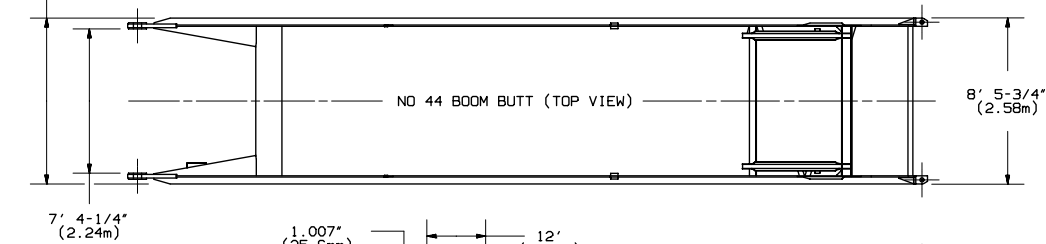
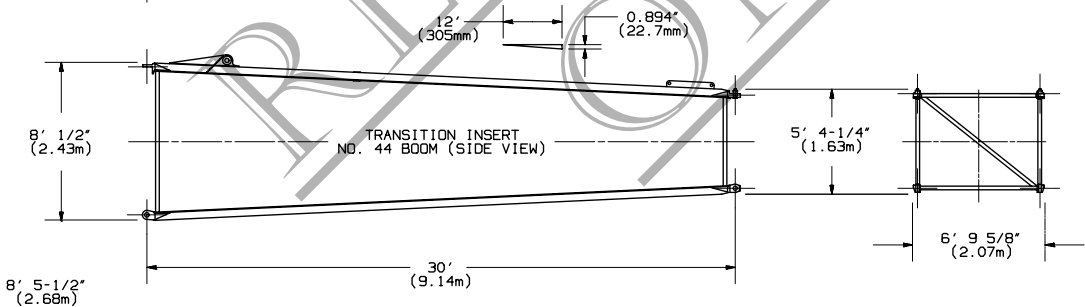
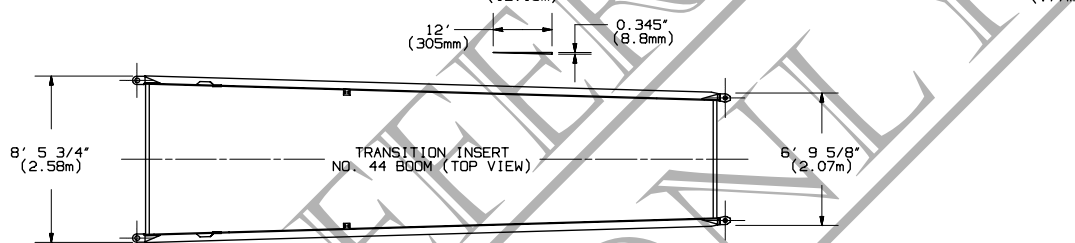
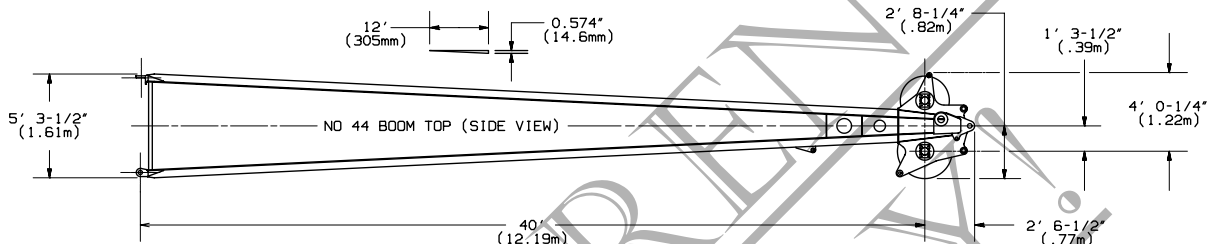
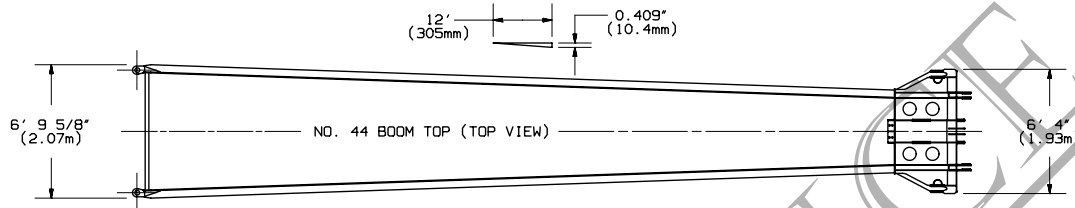






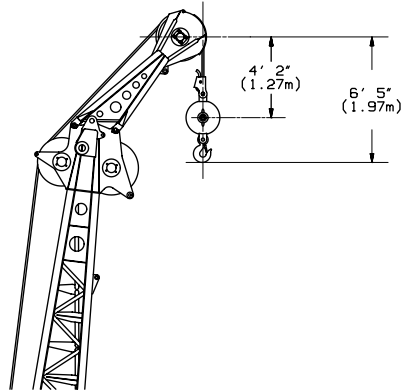
UPPER BOOM POINT



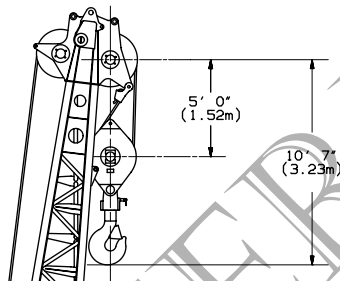
TWO PIECE BUTT

INSERT (END VIEW)

MINIMUM DISTANCE MEASUREMENTS
SHOWN BELOW
BASED ON 83° BOOM ANGLE.

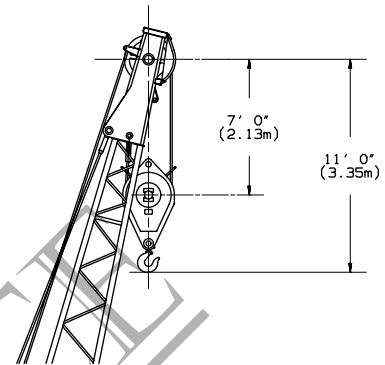


15 TON SWIVEL HOOK & WEIGHT BALL
TO UPPER BOOM POINT MINIMUM DISTANCE
#44 BOOM - 1 PART OF LINE

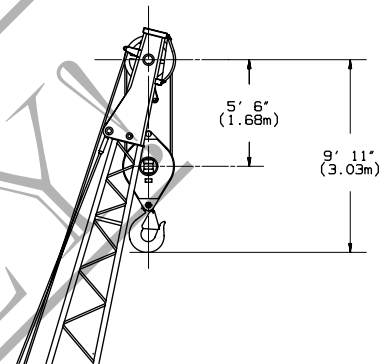


100 TON BLOCK TO BOOM POINT
MINIMUM DISTANCE
#44 BOOM - 6 PARTS OF LINE

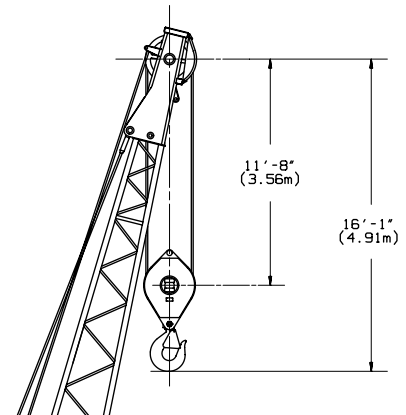
MINIMUM DISTANCE MEASUREMENTS
SHOWN BELOW
BASED ON 76° JIB ANGLE.



30 TON BLOCK TO JIB POINT
MINIMUM DISTANCE
#132 JIB - 2 PARTS OF LINE



60 TON BLOCK W/OUT CHEEK PLATES
TO JIB POINT MINIMUM DISTANCE
#132 JIB - 4 PARTS OF LINE



60 TON BLOCK WITH CHEEK PLATES
TO JIB POINT MINIMUM DISTANCE
#132 JIB - 4 PARTS OF LINE

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 3: FOR PLANNING LIFTS 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 83 DEGREES FOR NO.44 BOOM WITH HEAVY LIFT TOP