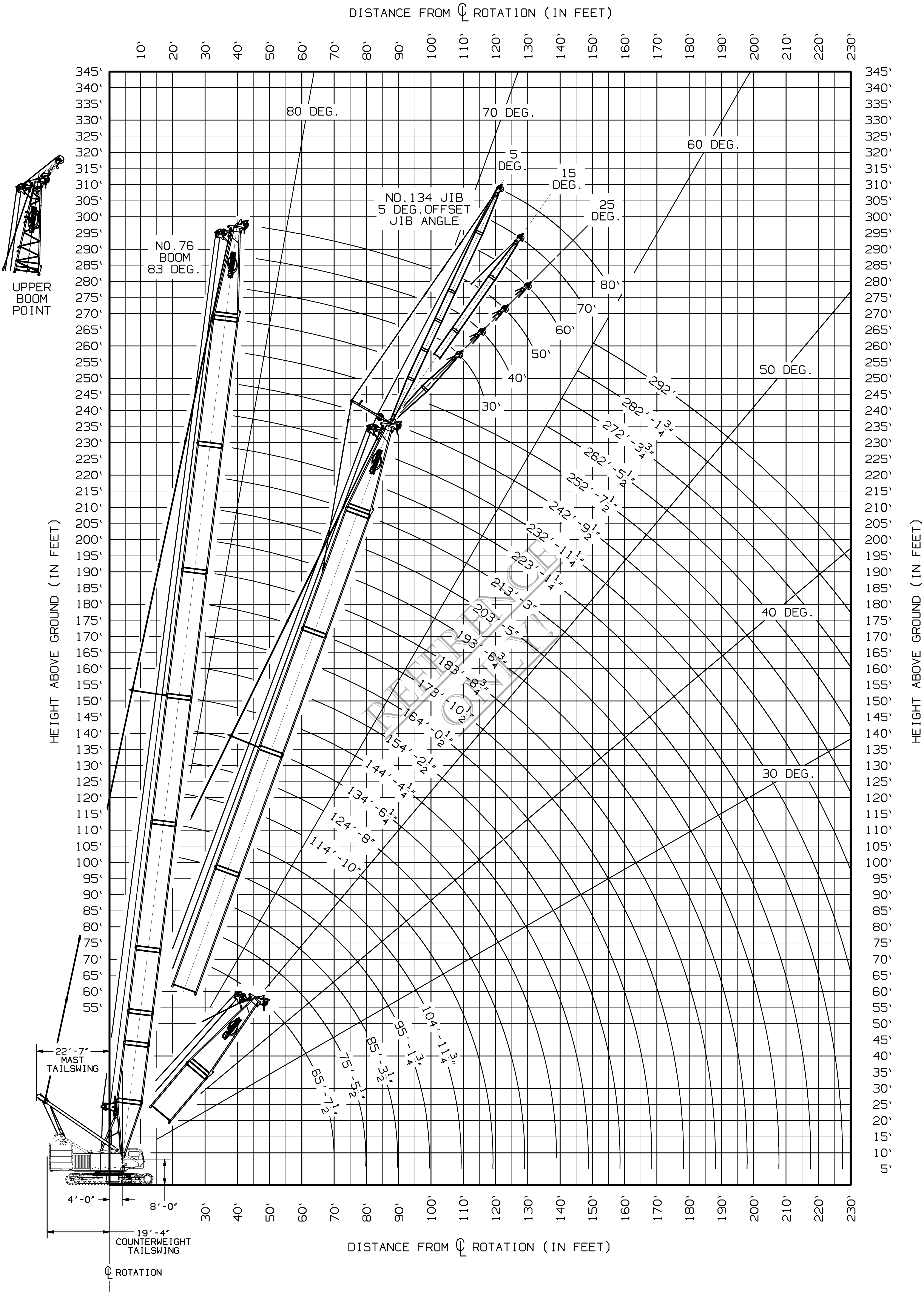
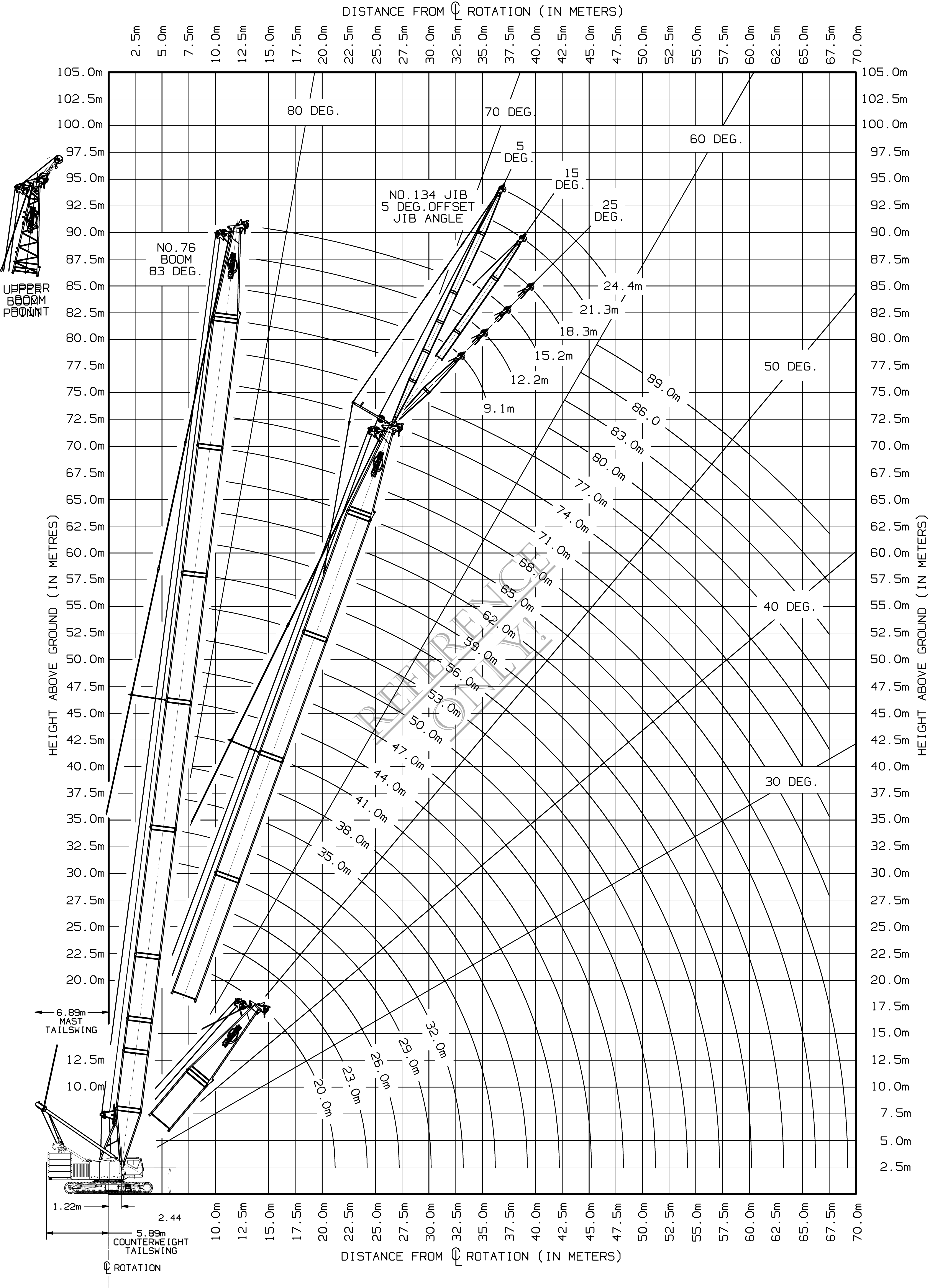
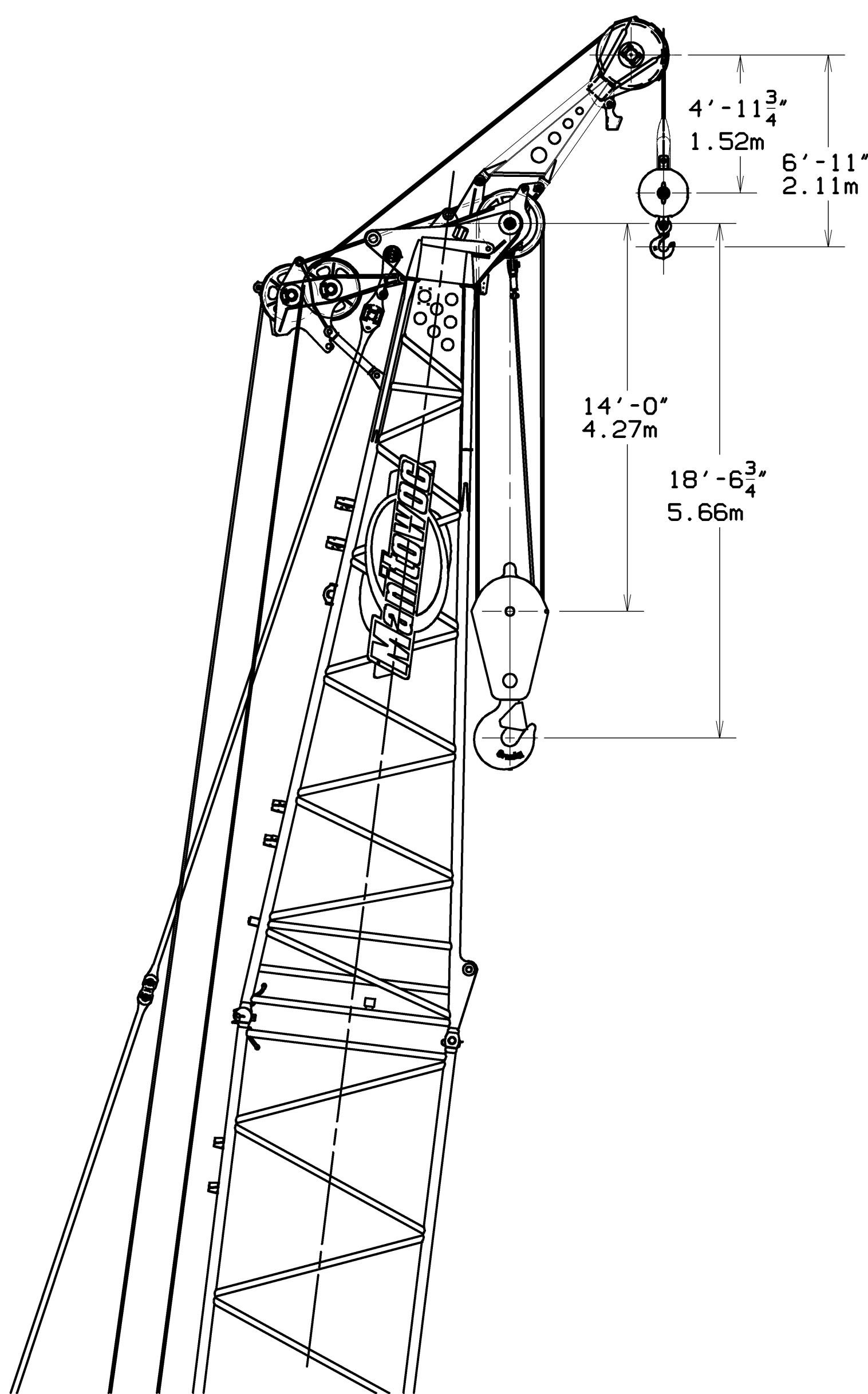




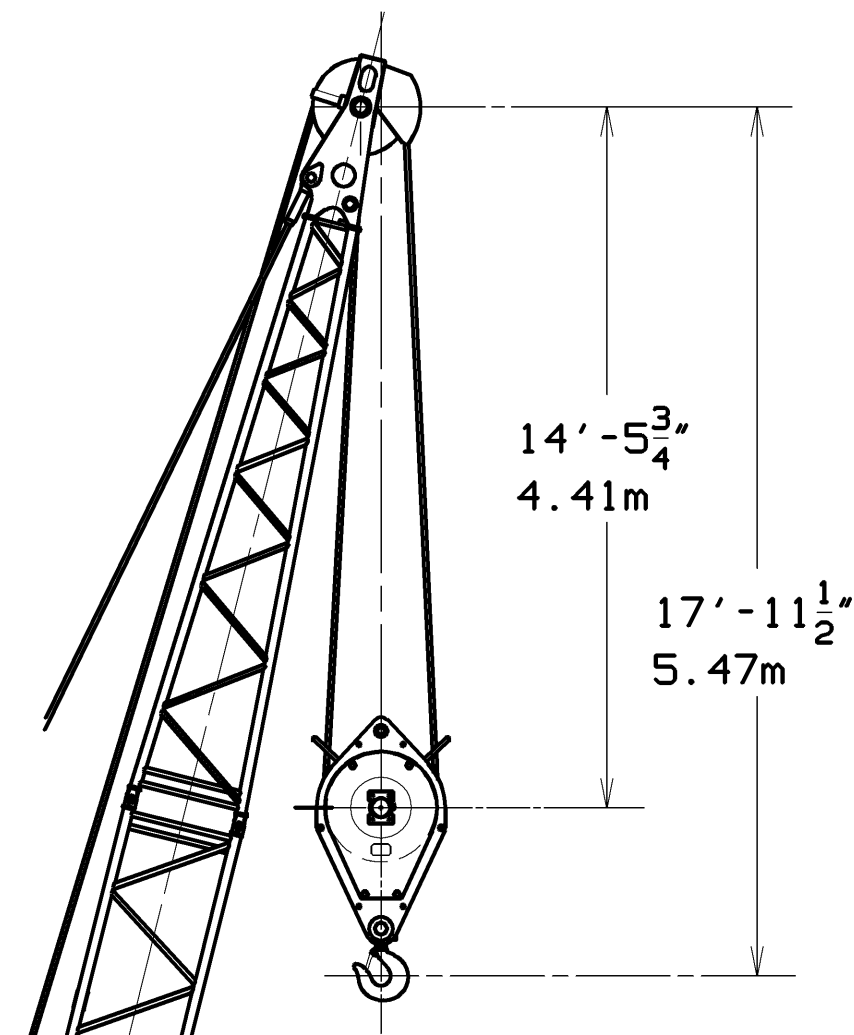
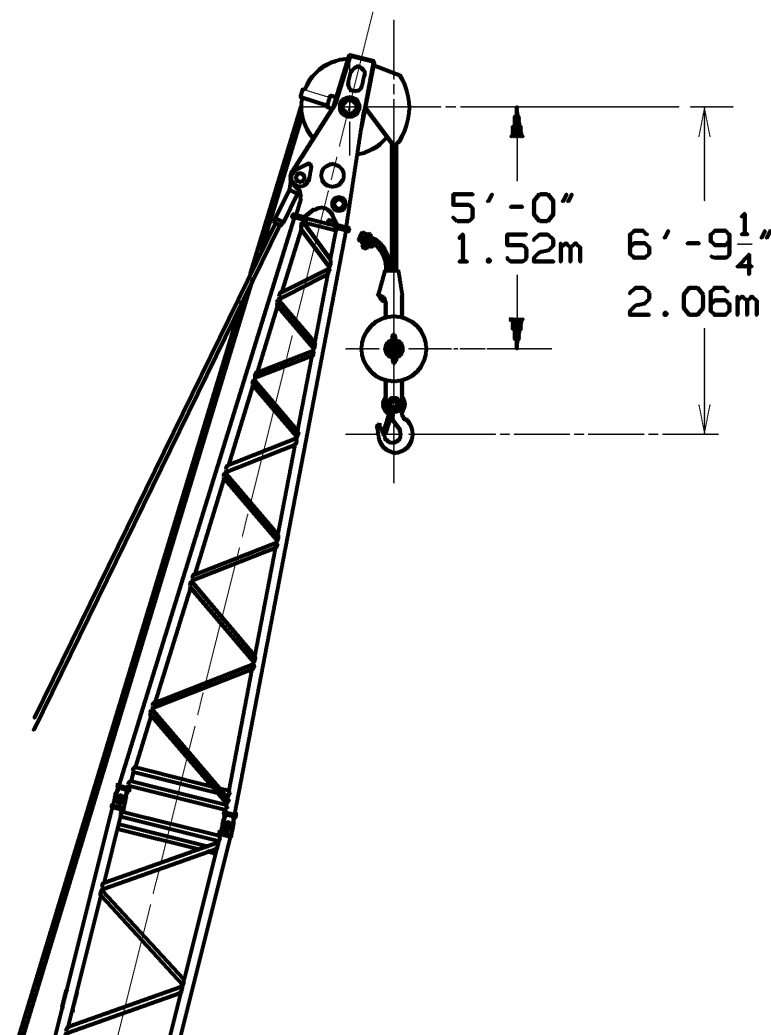
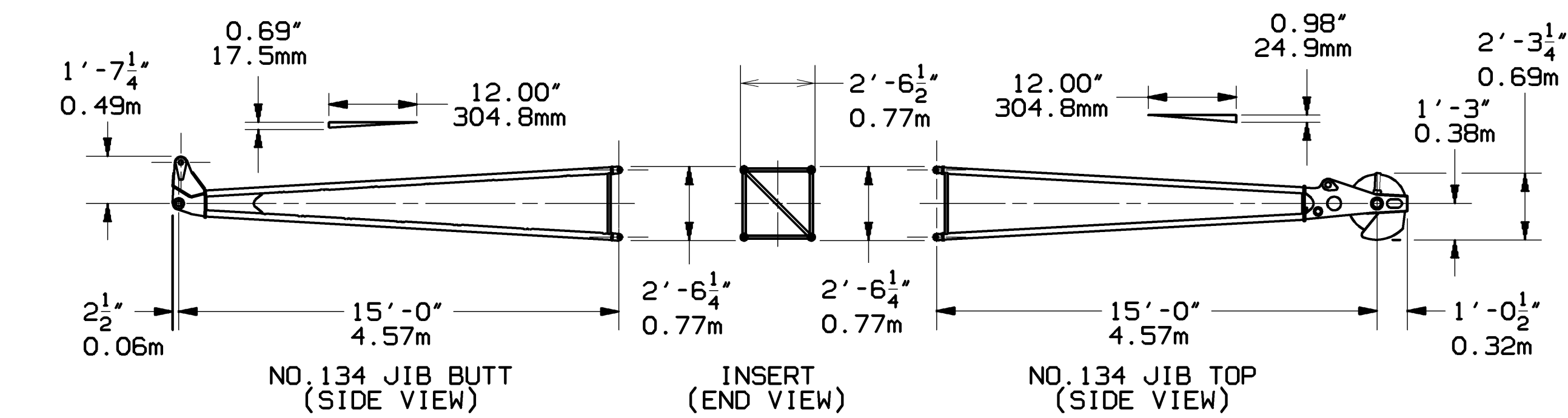
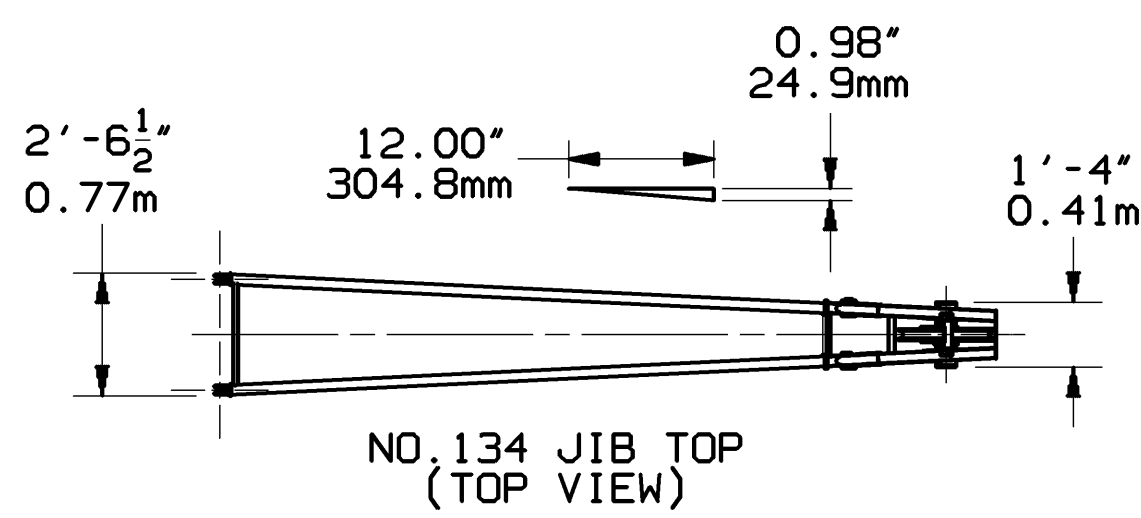
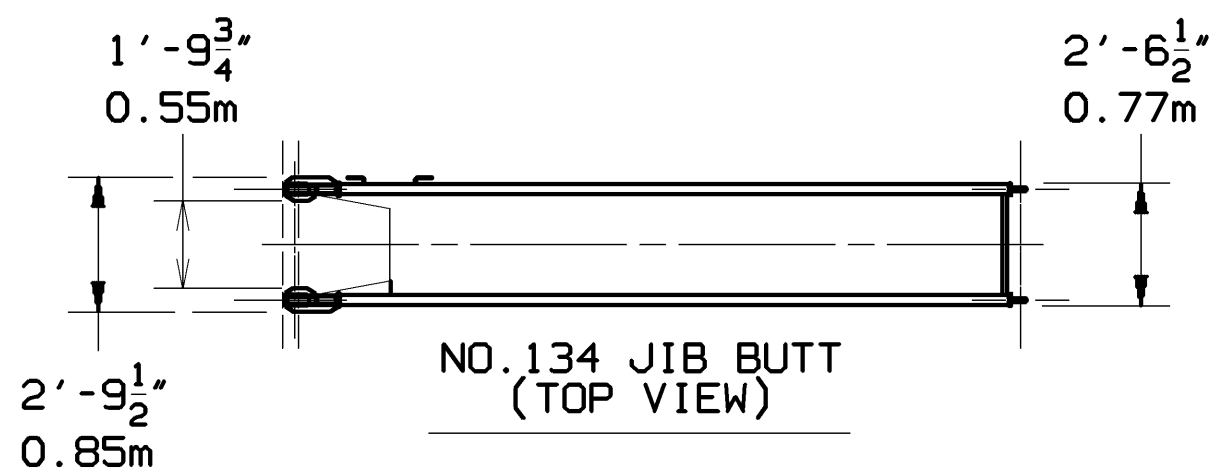


DATE	SCALE	MANITOWOC ENGINEERING CO.	REVISION
09-14-07	1/16"=1'	MANITOWOC WISCONSIN	DIAGRAM - RANGE ASSEMBLY -
DRAWING NO.	CK-NVS	MODEL 14000	NO. 76 BOOM & NO. 134 JIB
A19298	APPJAS		



220 US TON (200 METRIC TON)
BLOCK TO BOOM POINT MINIMUM DISTANCE
NO. 76 BOOM
14 PARTS OF LINE

MINIMUM DISTANCE MEASUREMENTS FROM MANITOWOC
LOAD BLOCK TO BOOM POINT SHOWN ABOVE
BASED ON 83 DEGREE BOOM ANGLE AND 2 1/2 DEGREE
FLEET ANGLE OR PHYSICAL LIMITATIONS.



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

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.

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

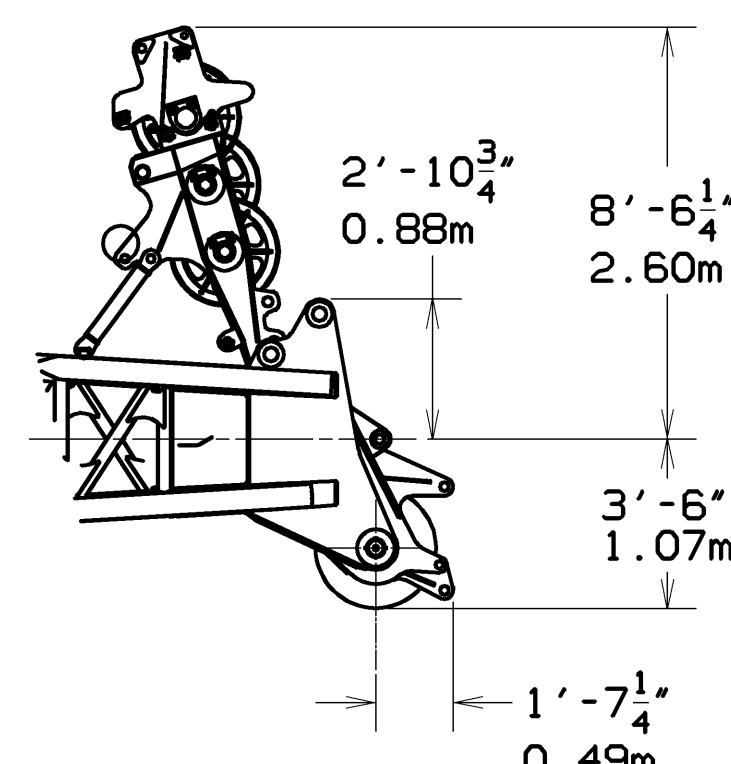
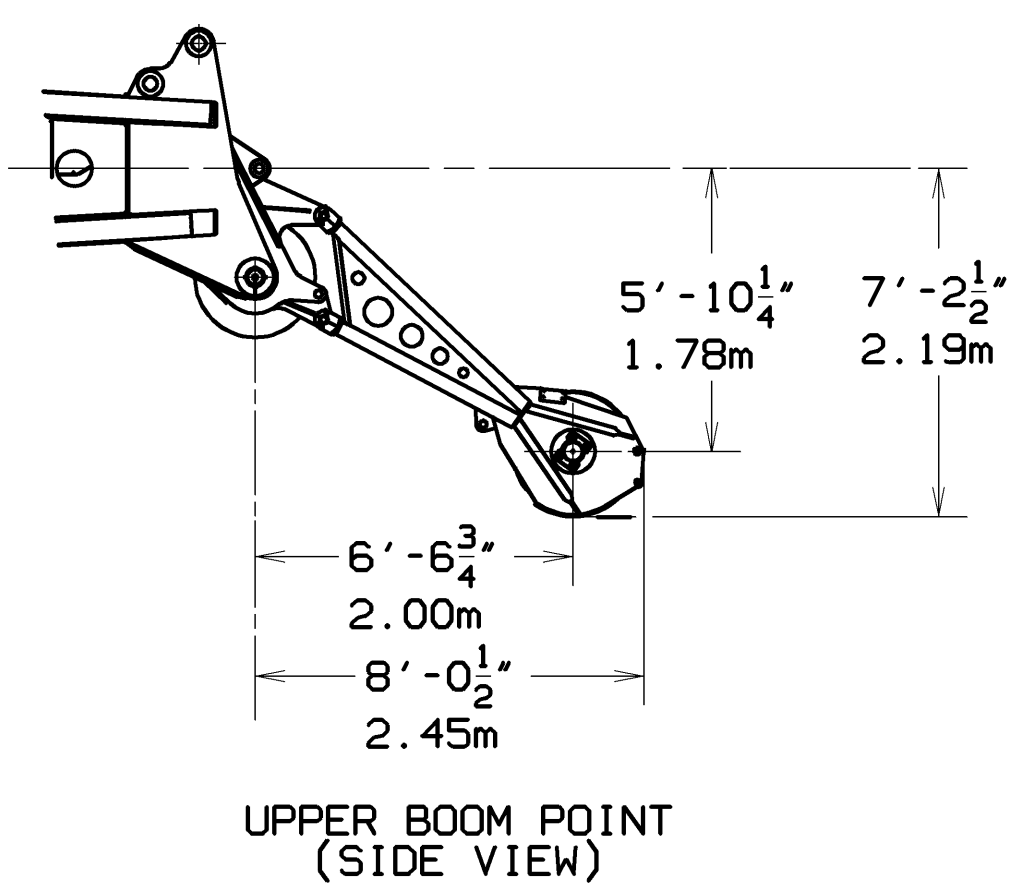
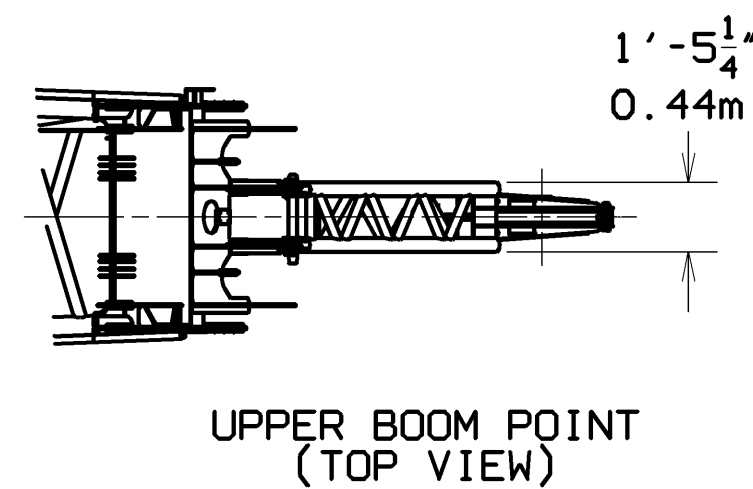
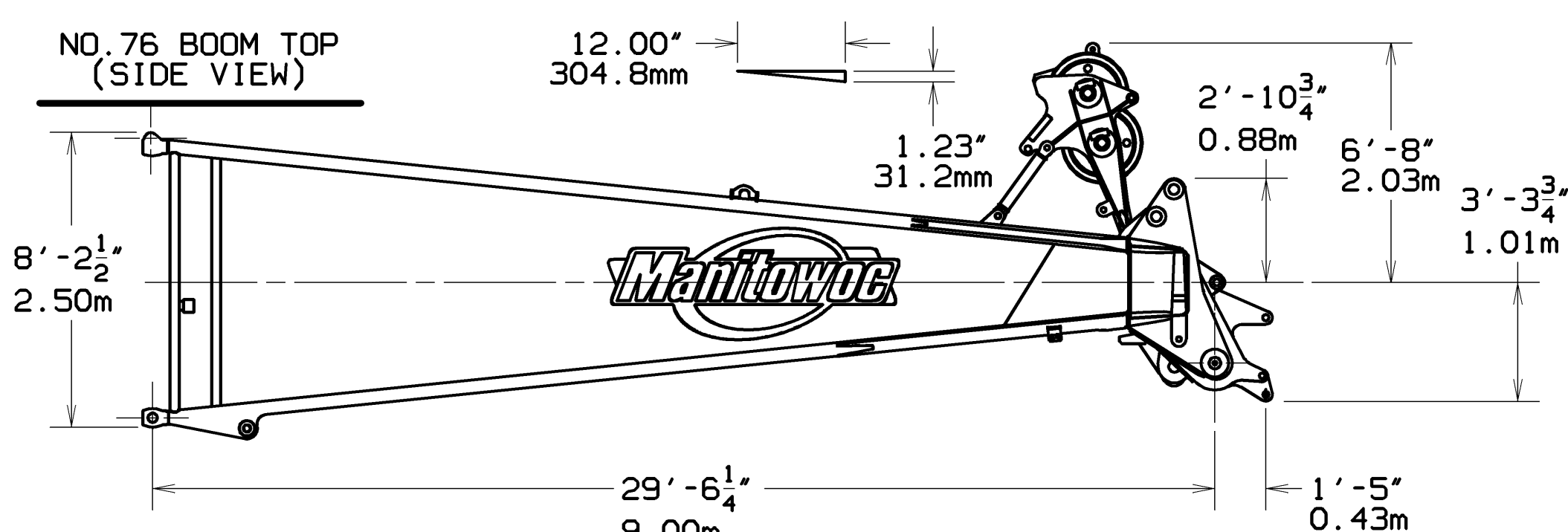
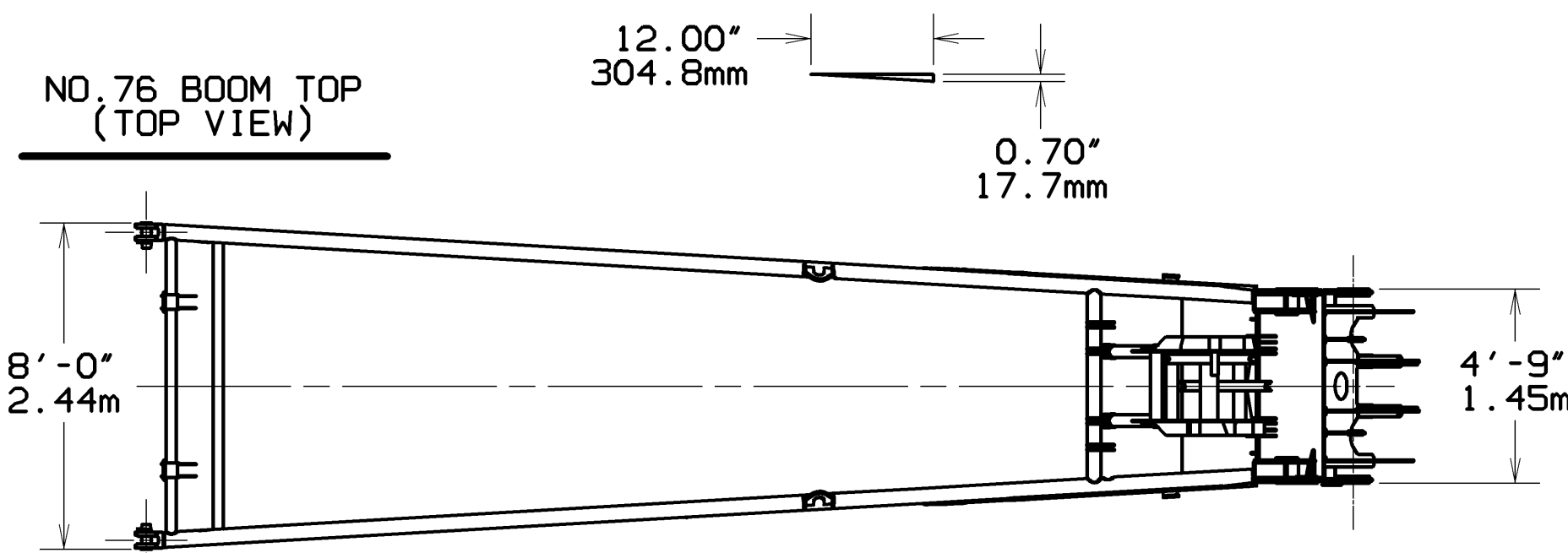
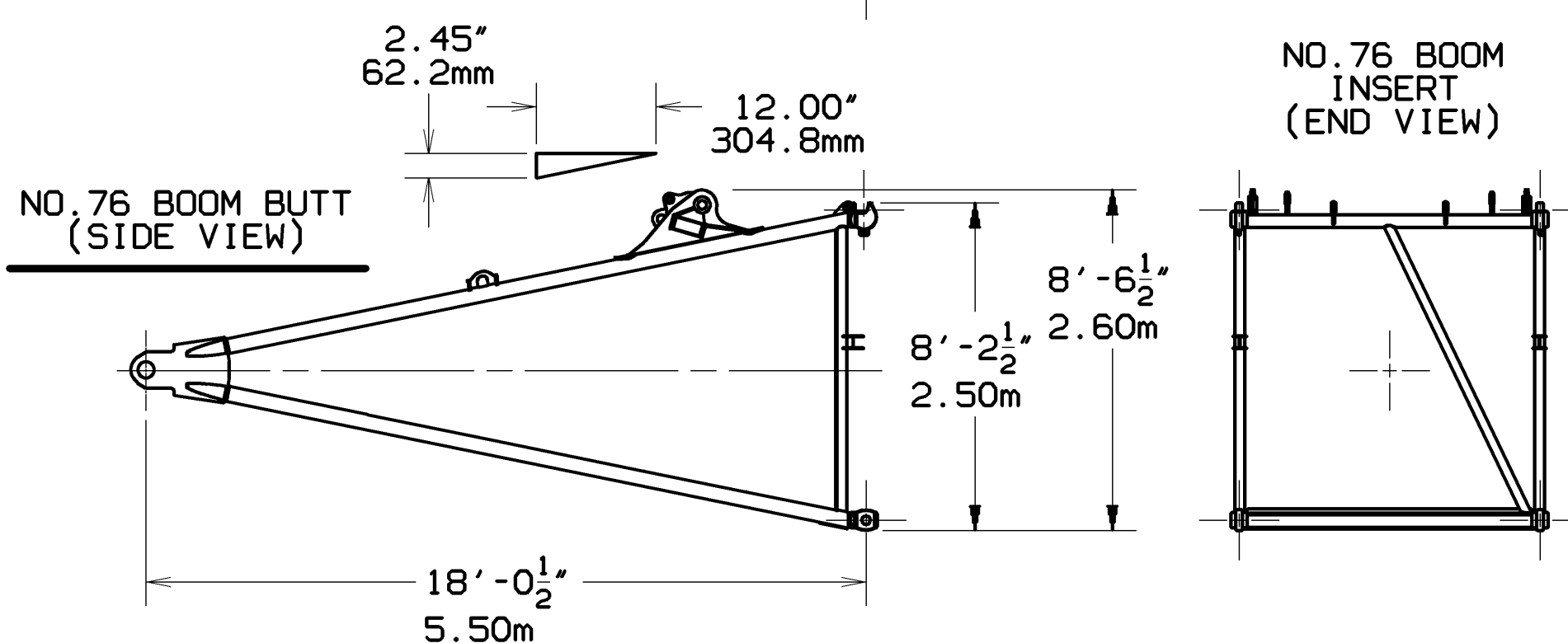
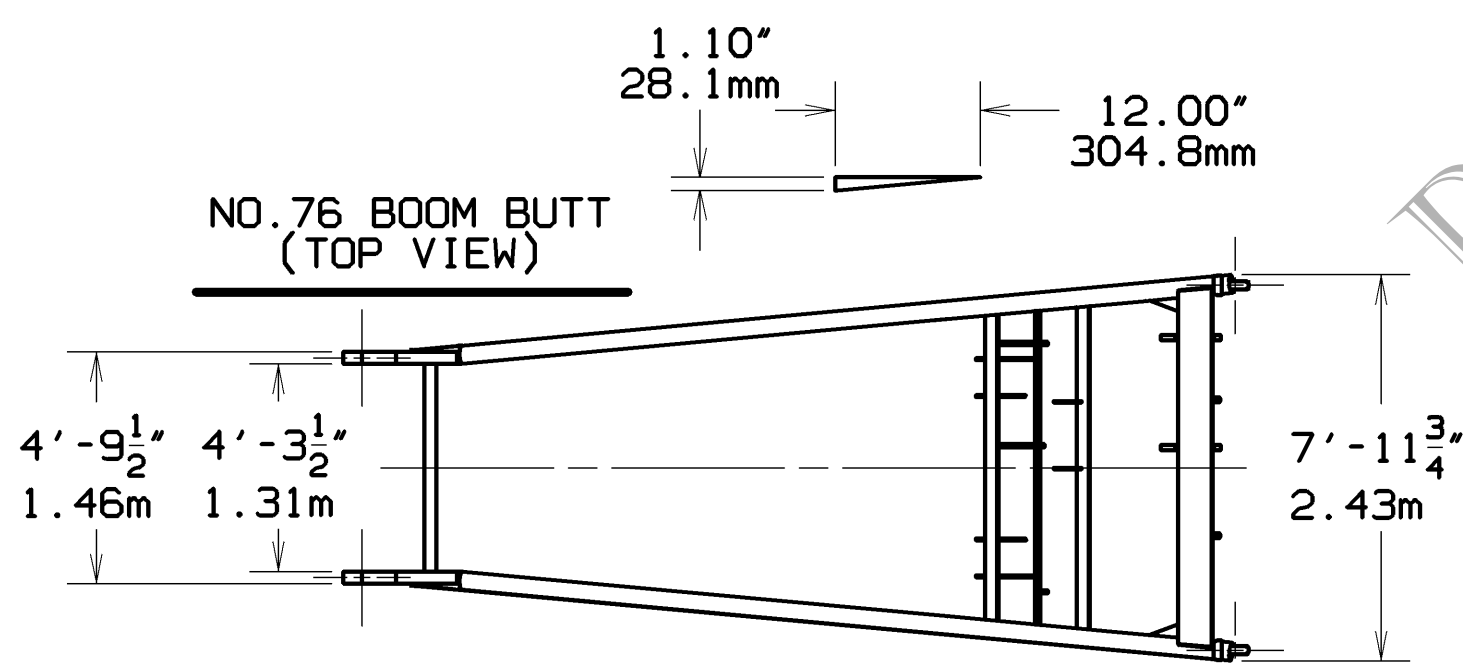
NOTE 2: FOR PLANNING A LIFT, THIS DRAWING IS TO BE USED IN CONJUNCTION
WITH APPROPRIATE CAPACITY CHARTS, RANGE CHART, WIRE ROPE
SPECIFICATIONS, RIGGING DRAWING, AND OUTLINE DIMENSIONS.

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 83 DEGREES FOR NO.76 BOOM
MAXIMUM BOOM ANGLE 81 DEGREES FOR NO.76 BOOM AND
NO.134 JIB.

NOTE 6: MAXIMUM BOOM AND BOOM AND JIB LENGTHS SHOWN ON SHEET 1 ARE FOR
MACHINE EQUIPPED WITH SERIES 2 COUNTERWEIGHT. IN ALL CASES,
REFER TO CRANE BOOM RIGGING OR CAPACITY CHART FOR MAXIMUM LENGTHS.



(OPTIONAL)
UPPER AND LOWER
WIRE ROPE GUIDE

DATE	SCALE	MANITOWOC ENGINEERING CO.	REVISION
09-14-07	1/16"=1'	MANITOWOC WISCONSIN	
DRAWING NO.	CK:NVS	MODEL 14000	DIAGRAM - RANGE ASSEMBLY -
A19298	APP:JAS		NO.76 BOOM & NO.134 JIB