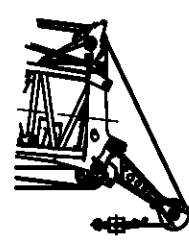


#A08516



#170714

UPPER
BOOM POINT

DISTANCE FROM $\varnothing$ MACHINE (IN METERS)

3.1m 6.1m 9.1m 12.2m 15.2m 18.3m 21.3m 24.4m 27.4m 30.5m 33.5m 36.6m 39.6m 42.7m 45.7m 48.8m 51.8m 54.9m 57.9m 61.0m 64.0m 67.1m 70.1m 73.2m 76.2m 79.2m

#55 OR #55A BOOM
83 DEG.
BOOM ANGLE

80
DEG.

70
DEG.

60
DEG.

50
DEG.

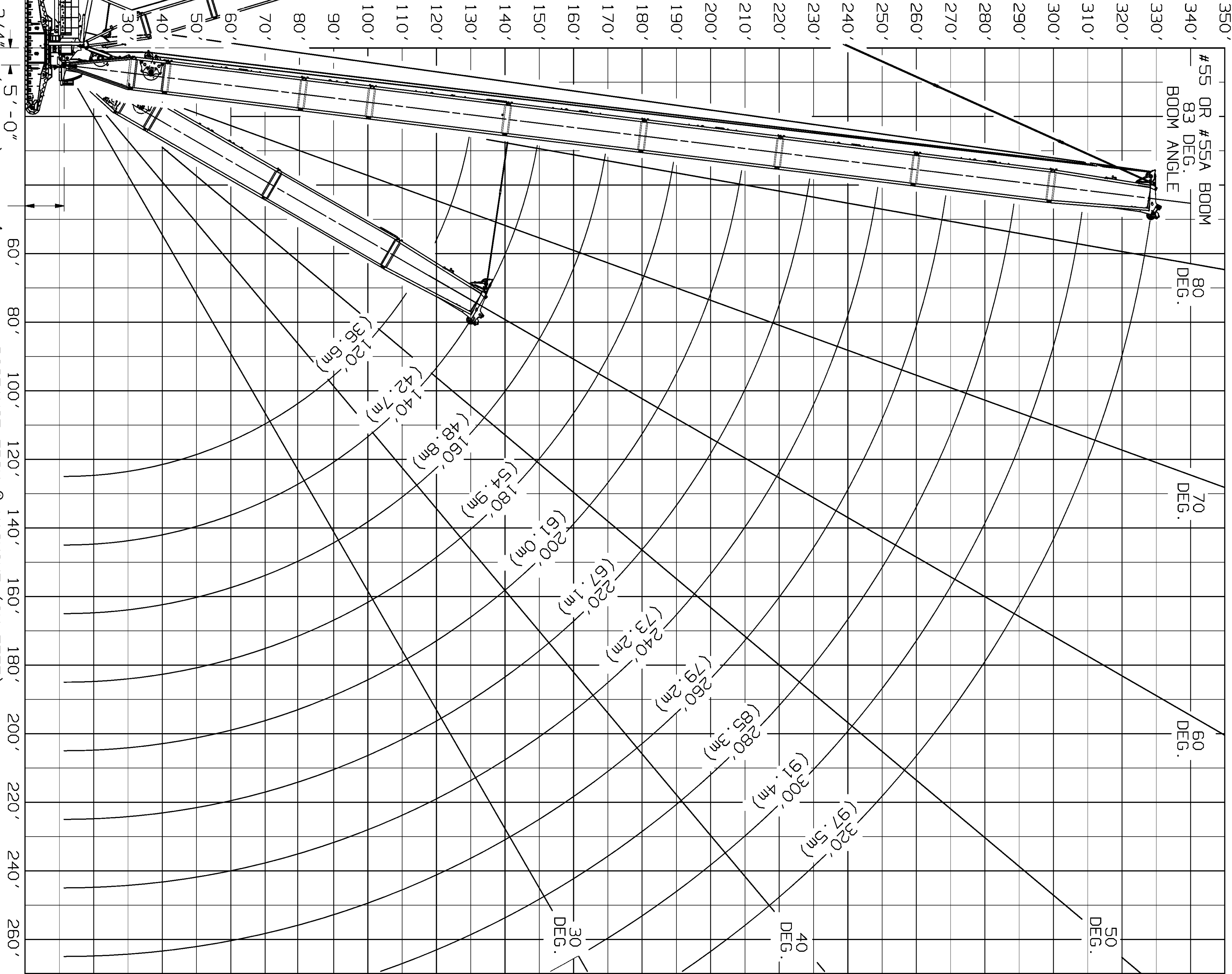
40
DEG.

30
DEG.

HEIGHT ABOVE GROUND (IN METERS)

106.7m 103.6m 100.6m 97.5m 94.5m 91.4m 88.4m 85.3m 82.3m 79.2m 76.2m 73.2m 70.1m 67.1m 64.0m 61.0m 57.9m 54.9m 51.8m 48.8m 45.7m 42.7m 39.6m 36.6m 33.5m 30.5m 27.4m 24.4m 21.3m 18.3m 15.2m 12.2m 9.1m 6.1m 3.1m

HEIGHT ABOVE GROUND (IN FEET)



33'-4-3/4" (10.18m)
5'-0" (1.52m)
11'-4 1/2" (3.46m)
TAILSWING

$\varnothing$ ROTATION

SEE SHEET 2 FOR DETAILS

DATE	04-29-04	SCALE	1/4"=1'	MANITOWOC	REVISION DATE
DRAWING NO.	A10237	BY	CDG	MANITOWOC, Wisconsin	
		CHECKED	CVS	MODEL 18000	
		APPROVED	CVS	#55 OR #55A BOOM & 140' #56 MAST	

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

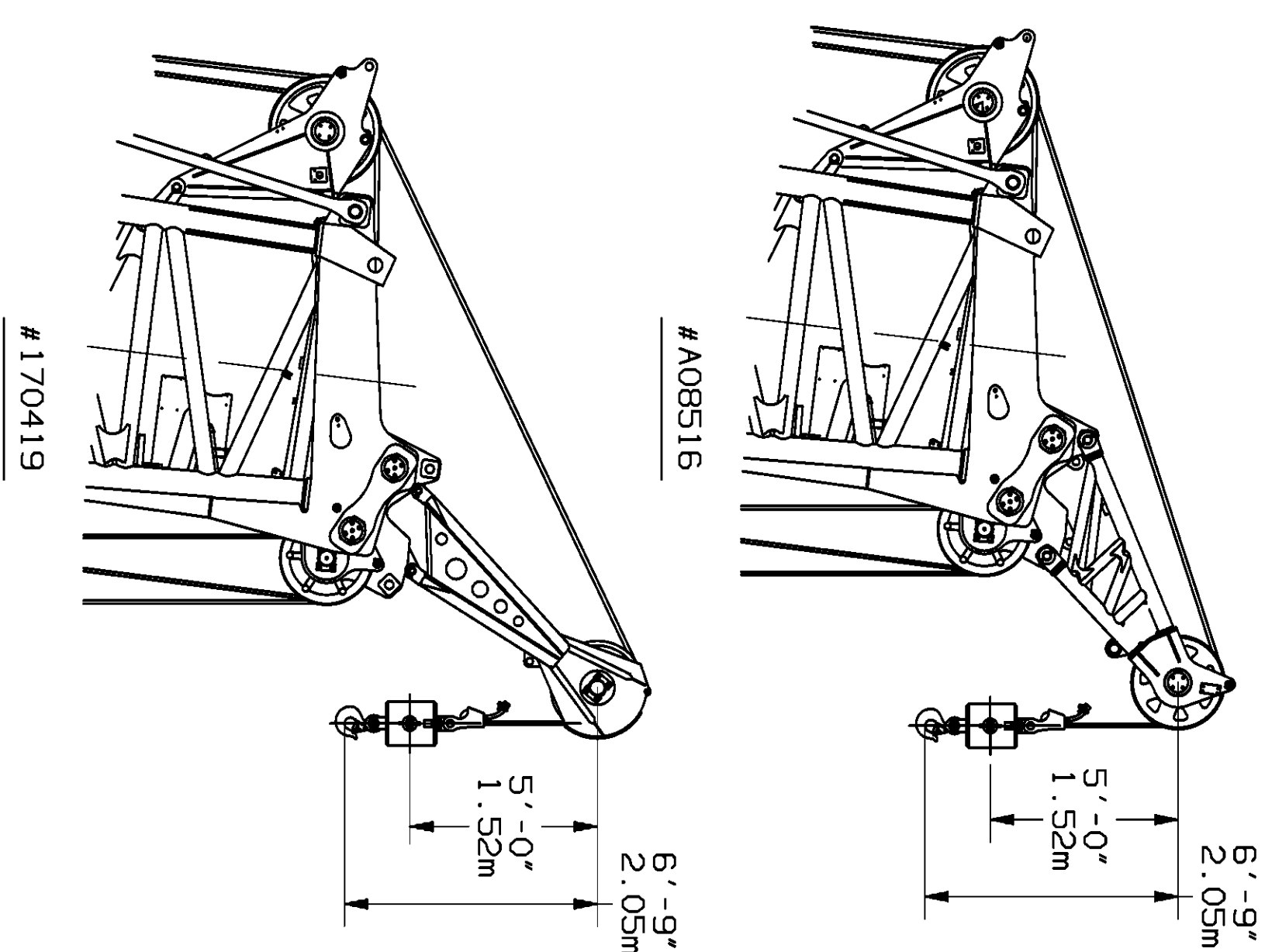
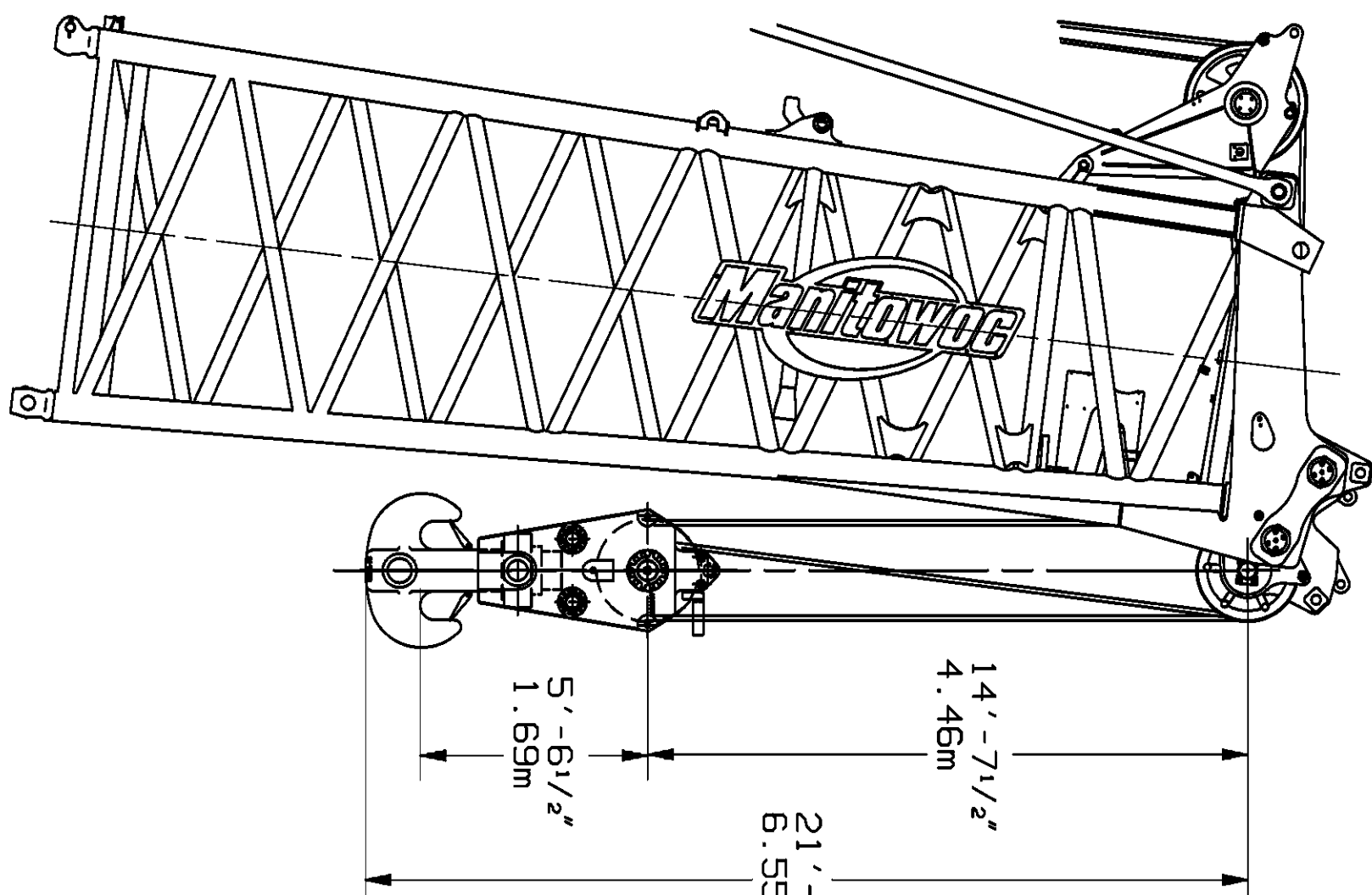
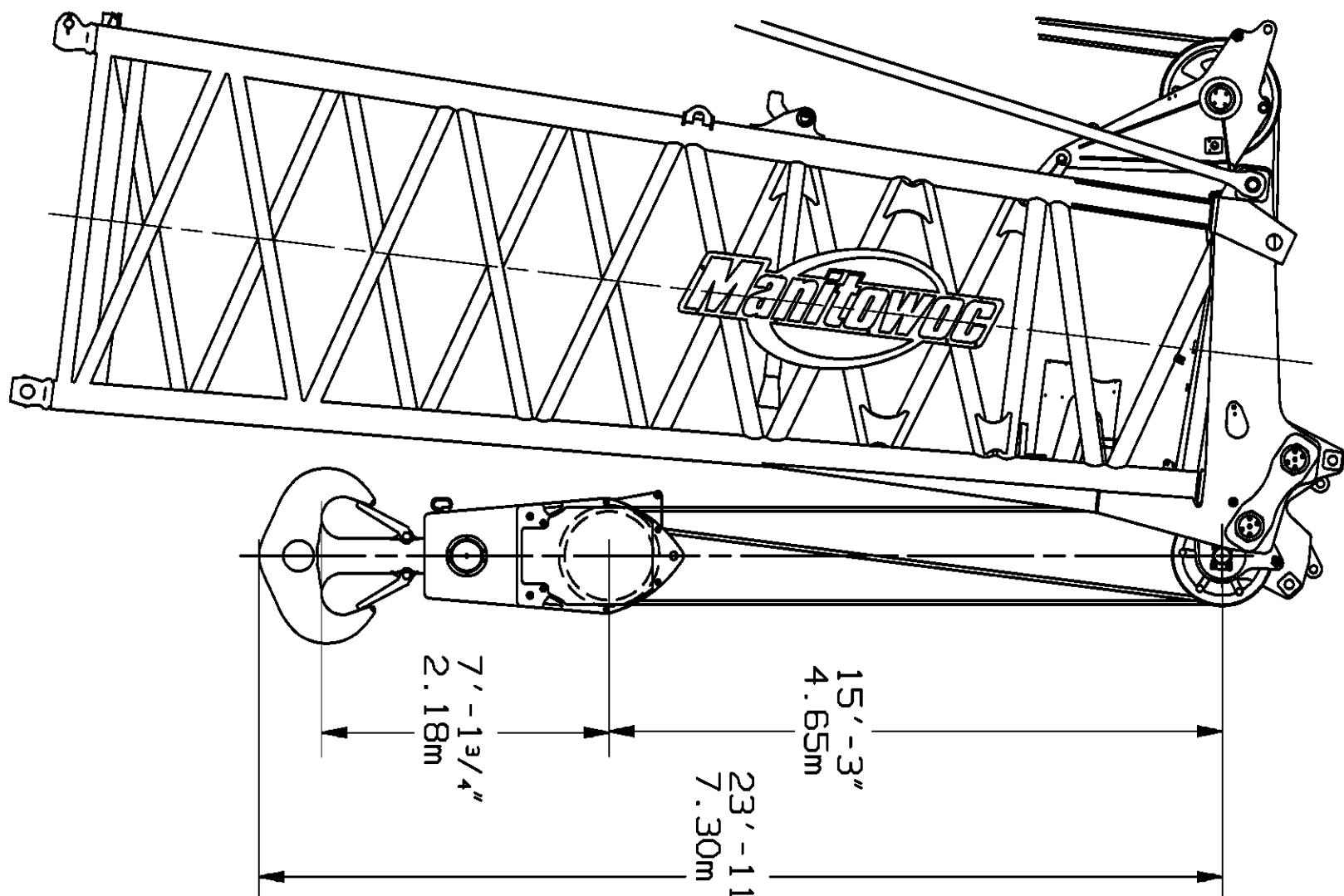
NOTE 5: WHEN EQUIPPED WITH BLOCK UP LIMIT CONTROL, LOAD BLOCK TO BOOM OR JIB CONTACT WITH MAIN RAIL MAY BE INDICATED BY OPERATOR'S DISTANCE TO BOOM OR JIB INDICATOR.

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

NOTE 6: MINIMUM DISTANCE FROM MANITOWOC SUPPLIED LOAD BLOCK TO BOOM POINT SHOWN IS FOR WORST CASE. DISTANCE COULD BE LESS DEPENDING ON CONFIGURATION.

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



600 US TON (544 mTONNE) BLOCK TO BOOM POINT

350 US TON (317,5 mTonne) BLOCK TO BOOM POINT

MINIMUM DISTANCE

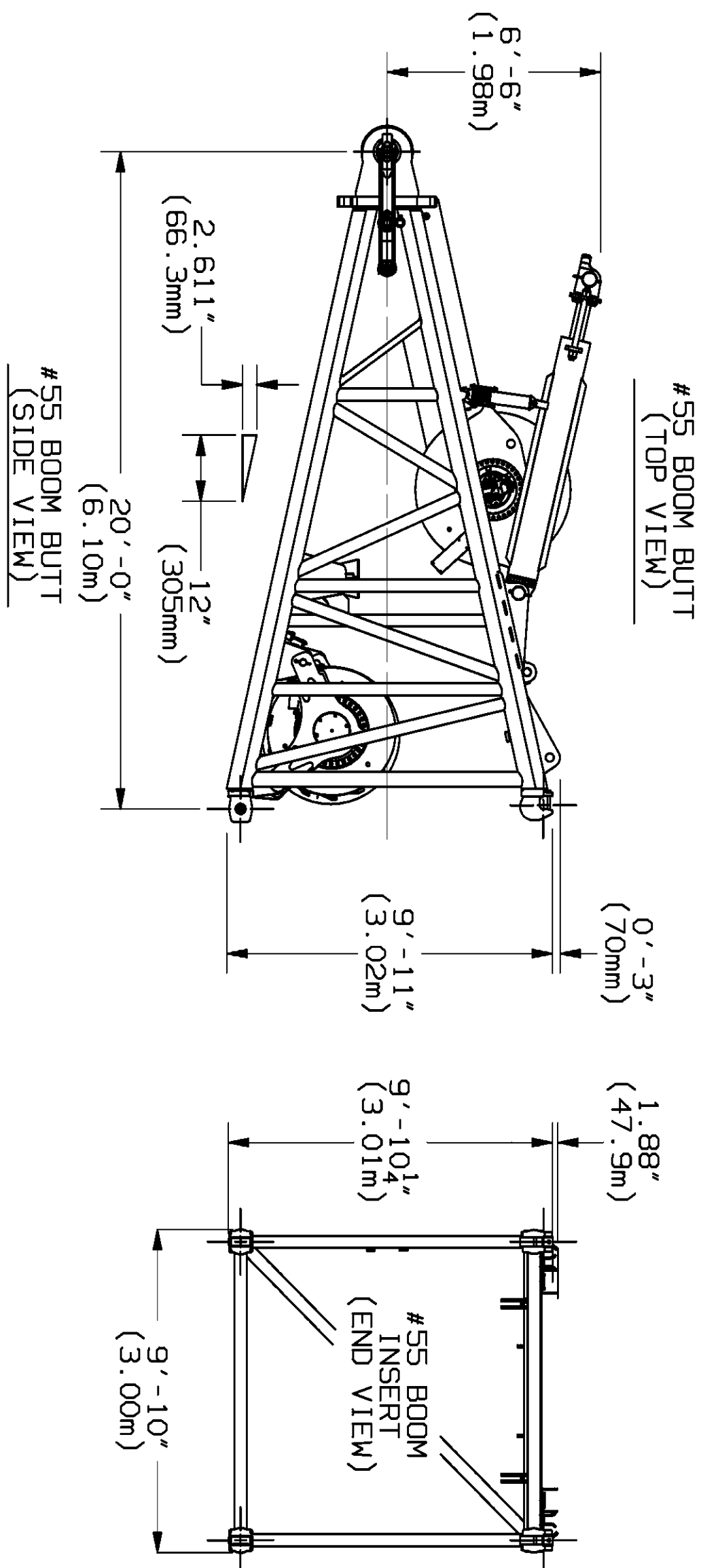
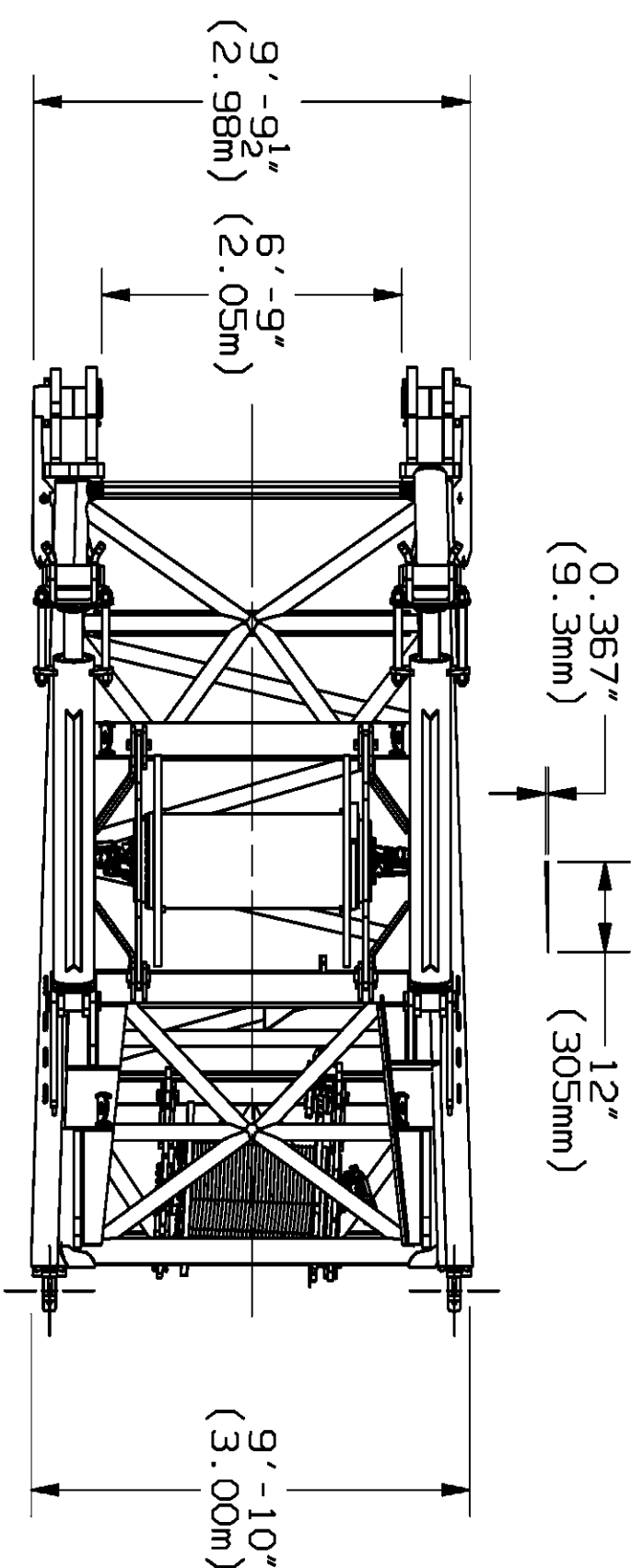
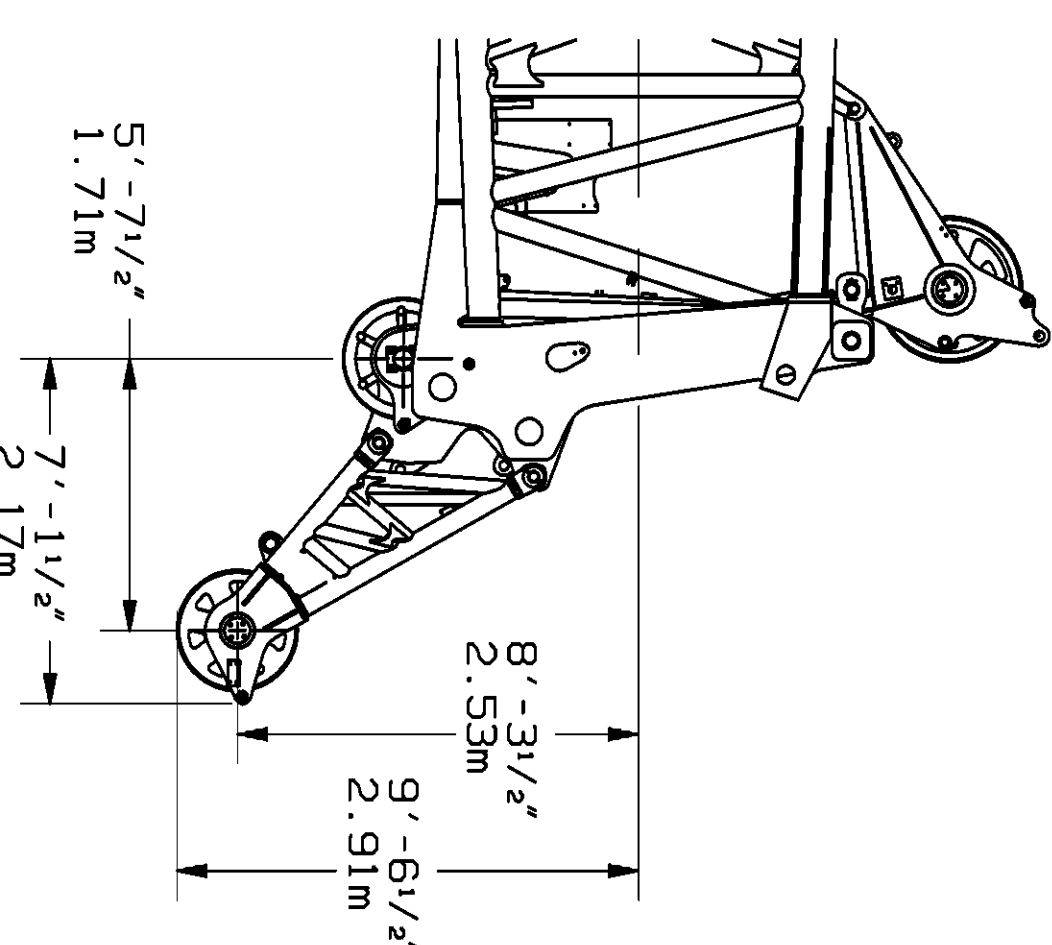
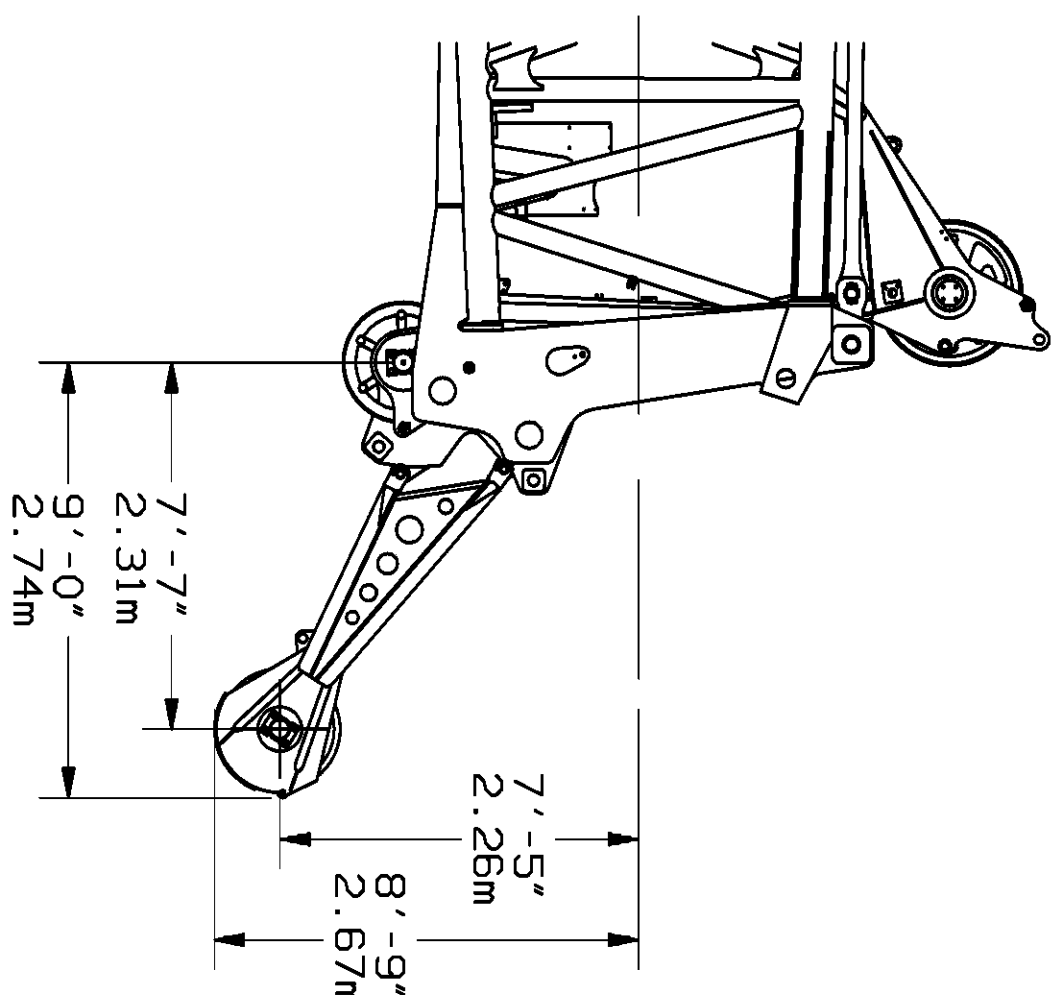
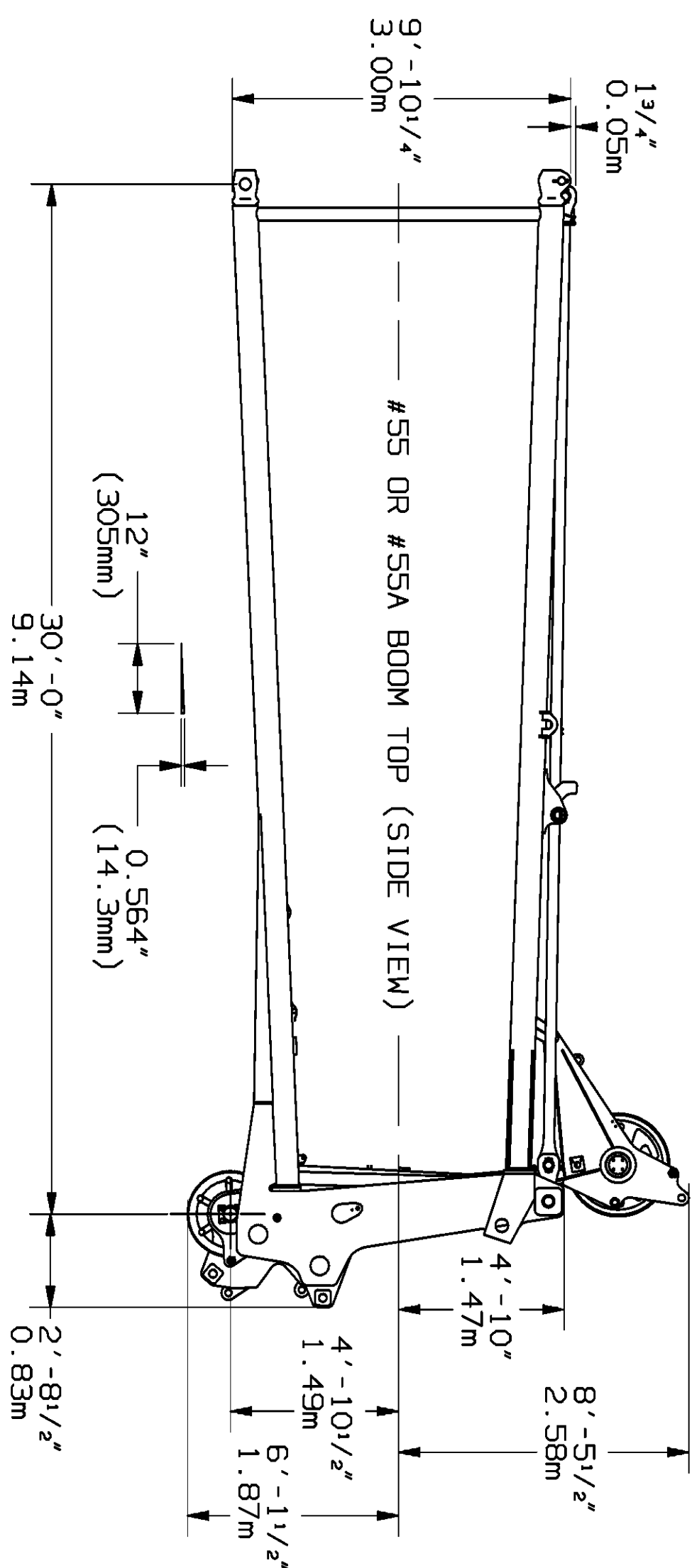
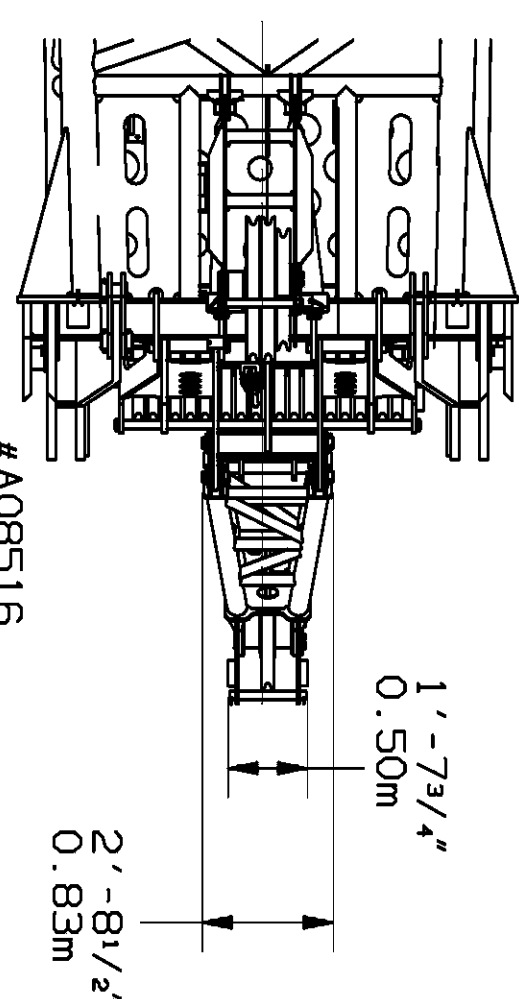
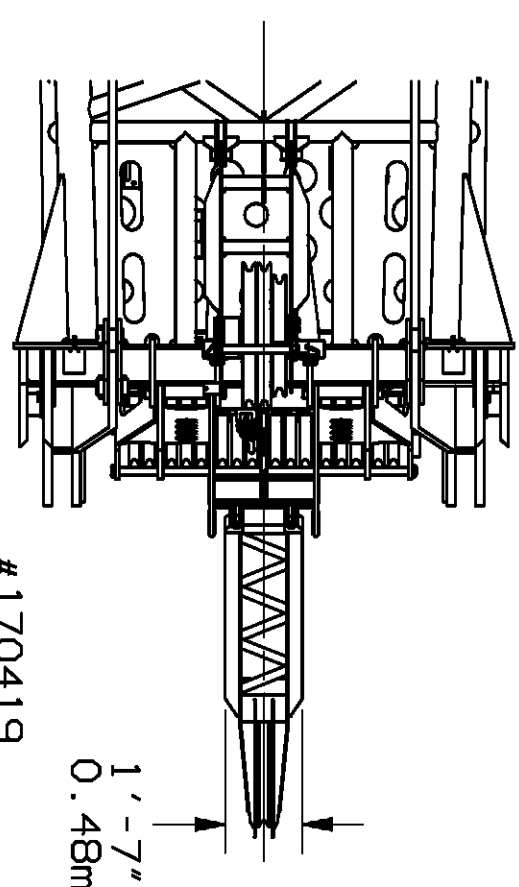
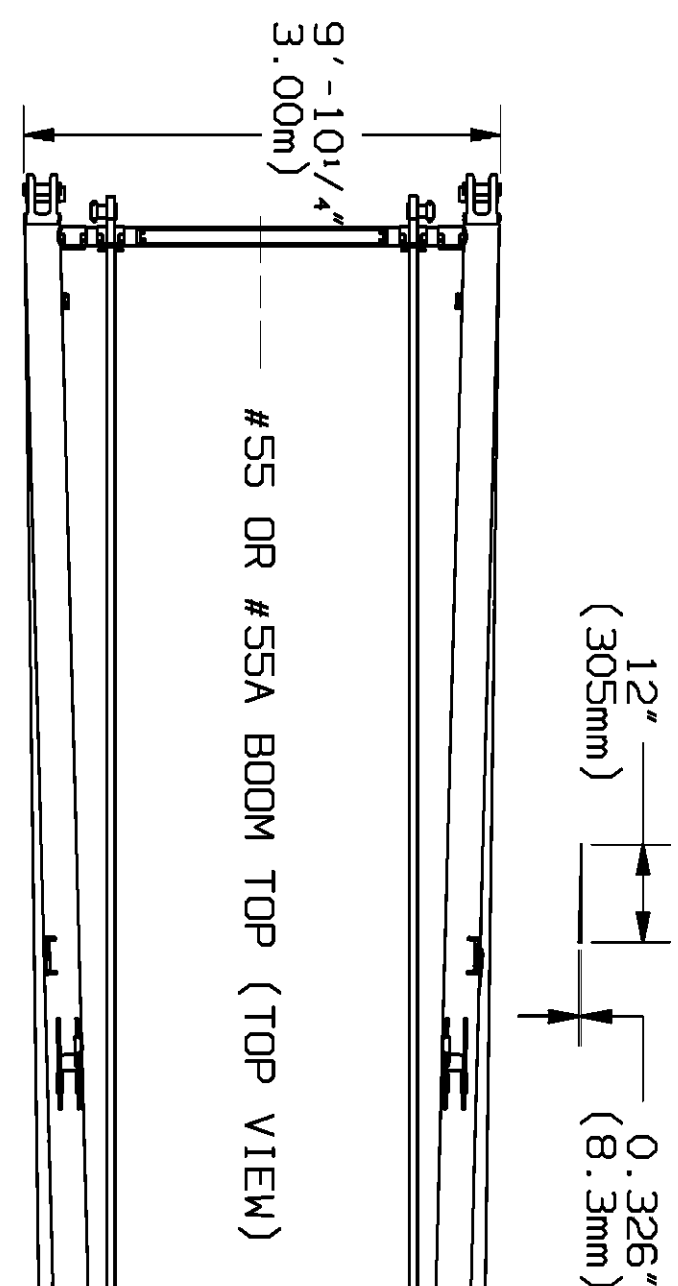
MINIMUM DISTANCE

#55 OR #55A BOOM - 2 DRUM 28 PARTS OF LINE

#55 OR #55A BOOM - 1 DRUM 1

MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.

MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.



DATE	SCALE	Manitowoc Cranes, Inc. <i>Manitowoc, Wisconsin</i>	REVISION DATE
04-29-04	1/4"=1'		
DRAWING NO.	CR/CDC		
CR/INVS	MODEL 18000		
APP/UAZ			
A10237			
		DIAGRAM - RANGE ASSEMBLY	
		#55 DR #55A BOOM &	
		140' #56 MAST	