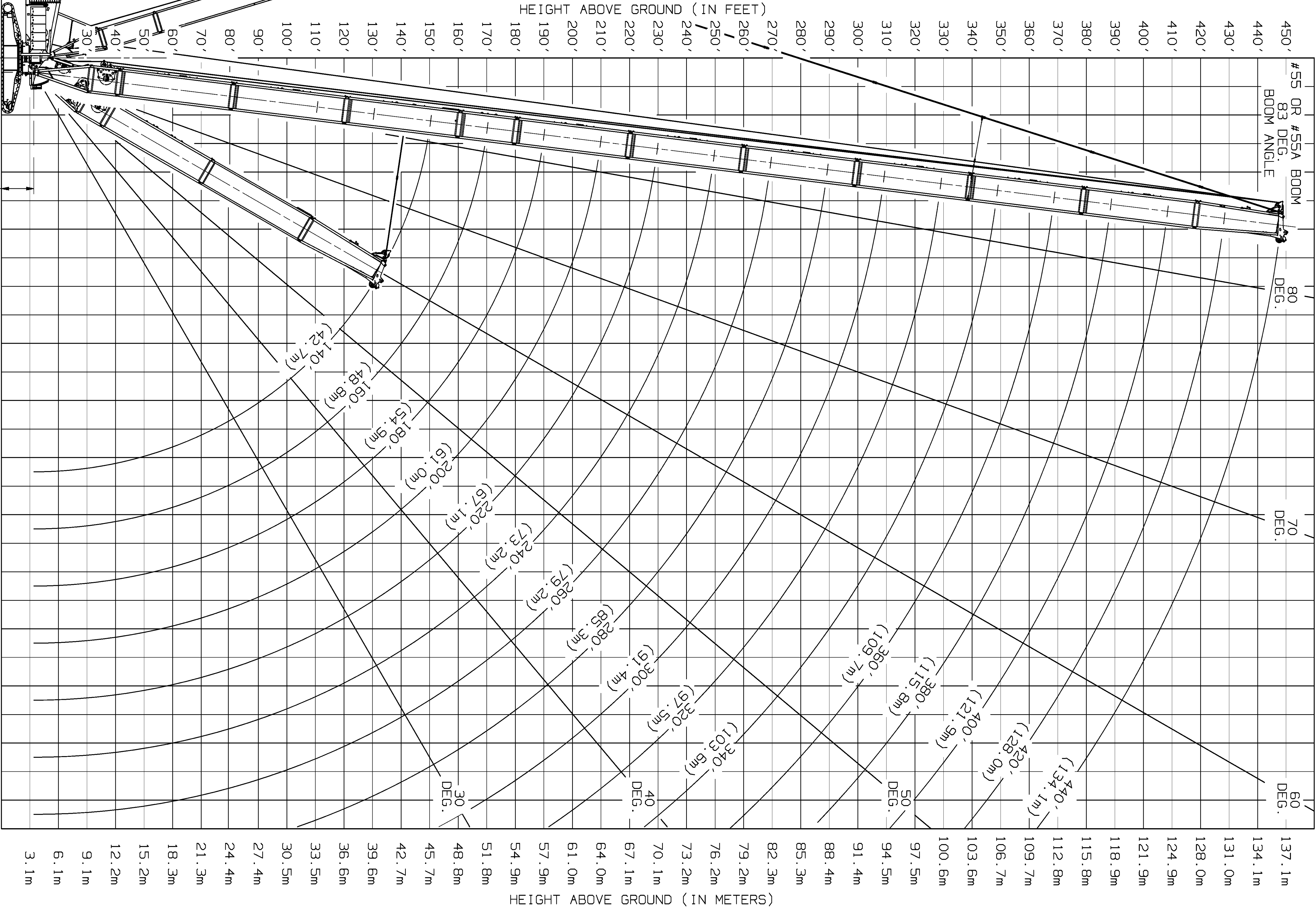




DISTANCE FROM MACHINE (IN METERS)

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



DISTANCE FROM MACHINE (IN FEET)

SEE SHEET 2 FOR DETAILS

33'-4-3/4" (10.18m)
40' (12.19m)
48'-1" (14.66m)
59' (17.98m)
67'-1" (20.45m)
TAILSWING
ROTATION
TAILSWING

DATE	04-29-04	SCALE	1/4"=1'	MANITOWOC CRANES, Inc.	REVISION DATE
DRAWING NO.	PC CDC	REV	CDC	Manitowoc, Wisconsin	
PROJECT	PC NVS	MODEL	18000 MAX-ER	#55 OR #55A BOOM &	
PROJECT	PC UAZ			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.

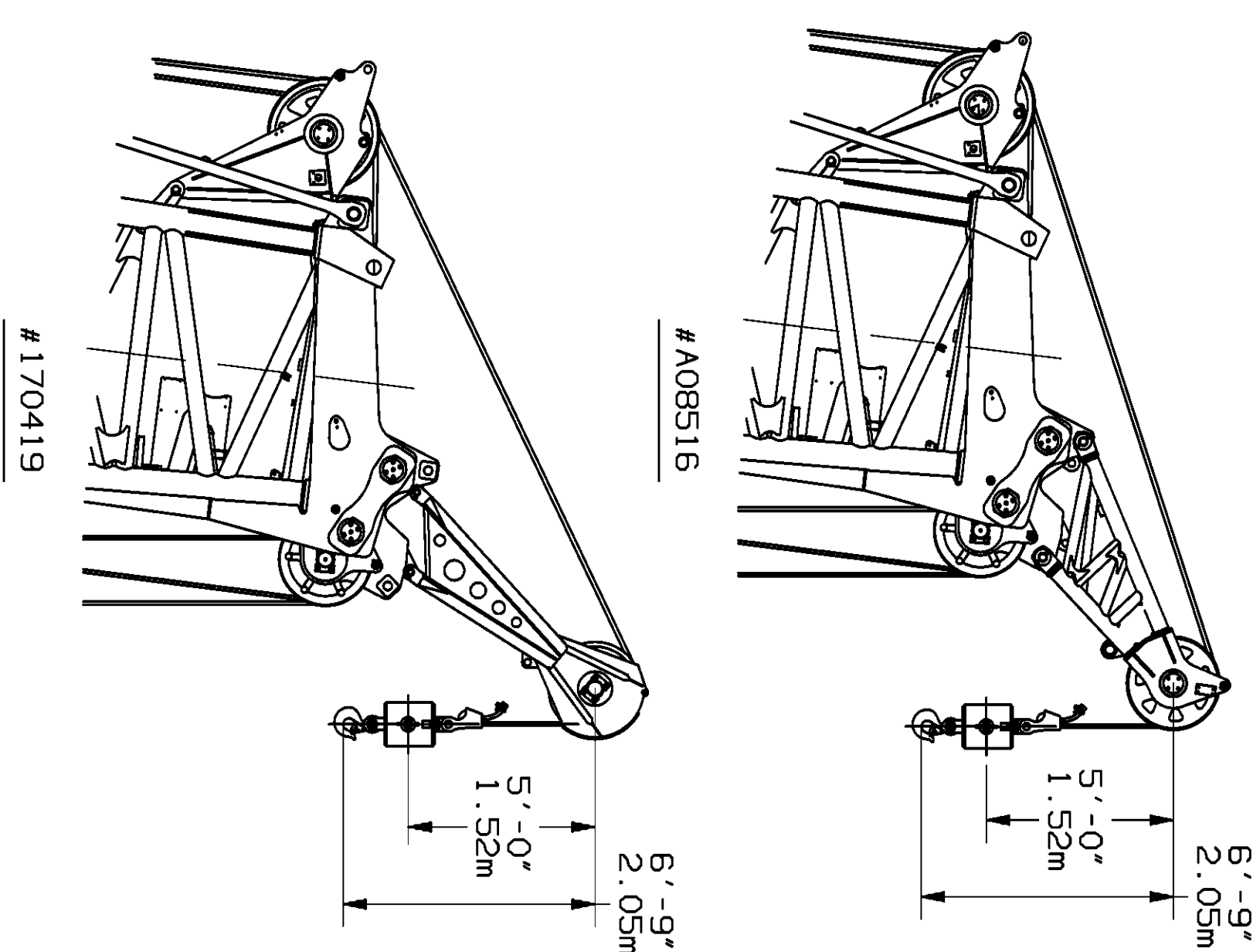
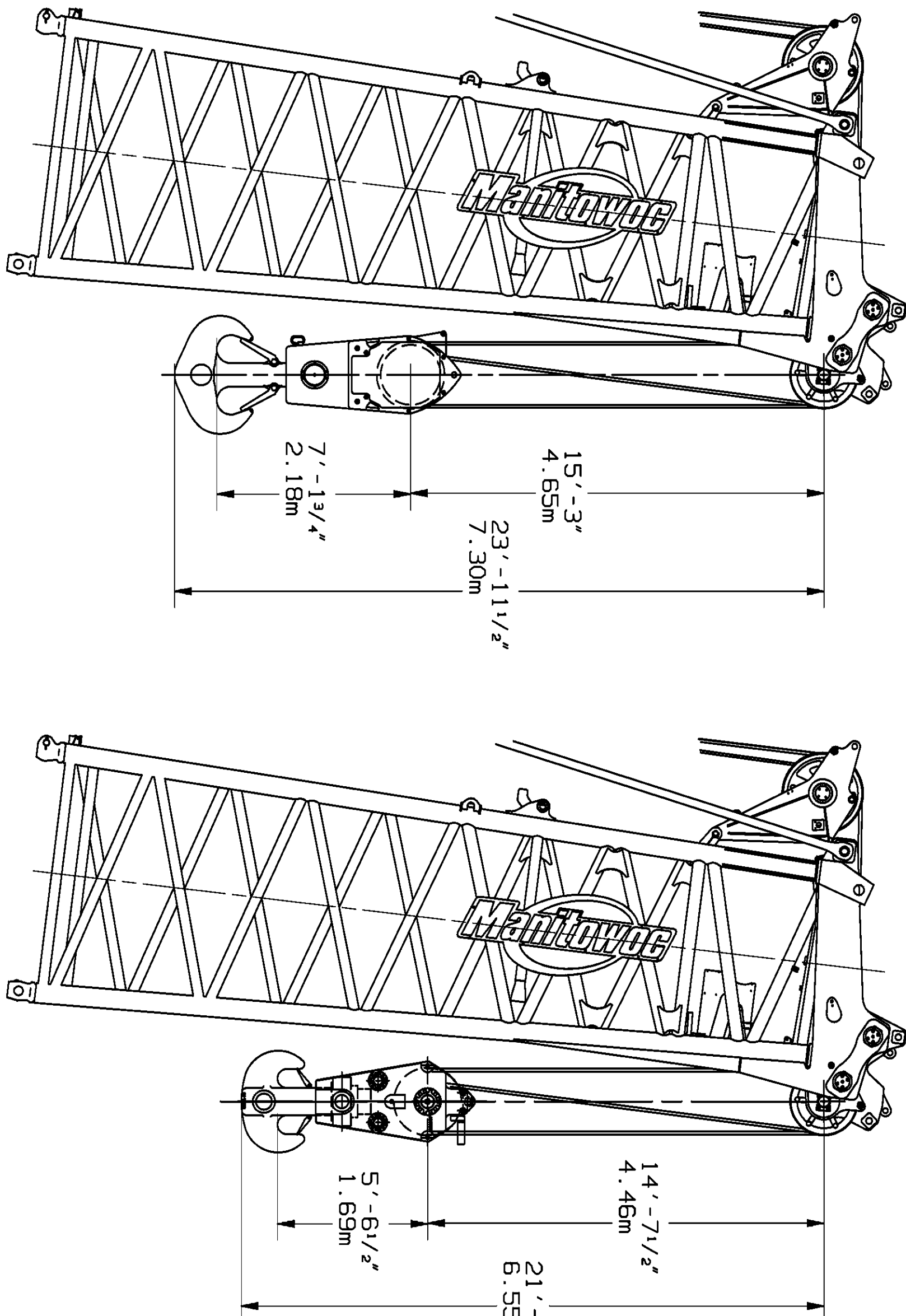
NOTE 3: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY

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

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 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

#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.

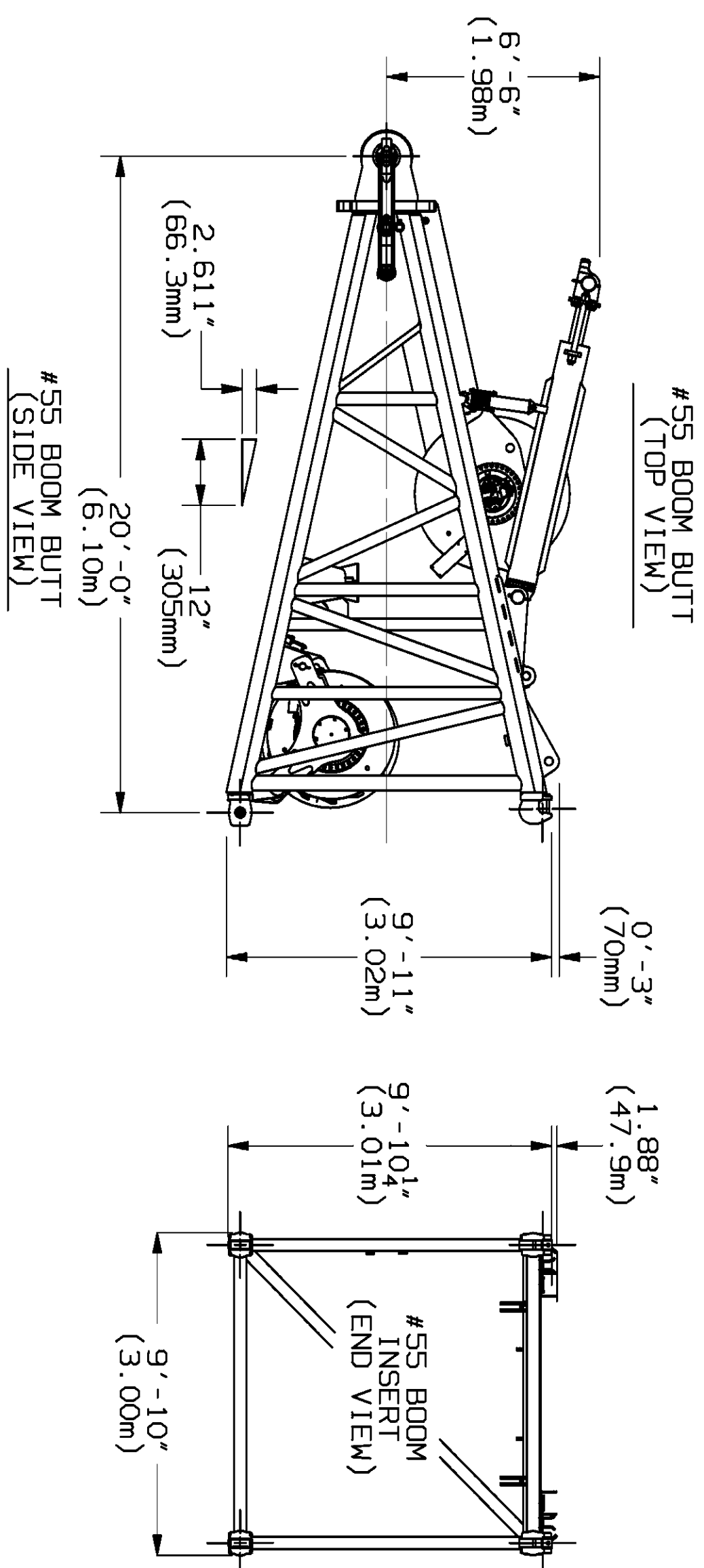
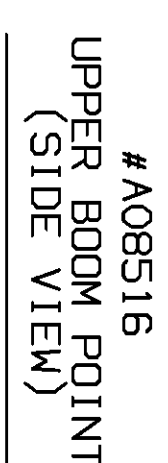
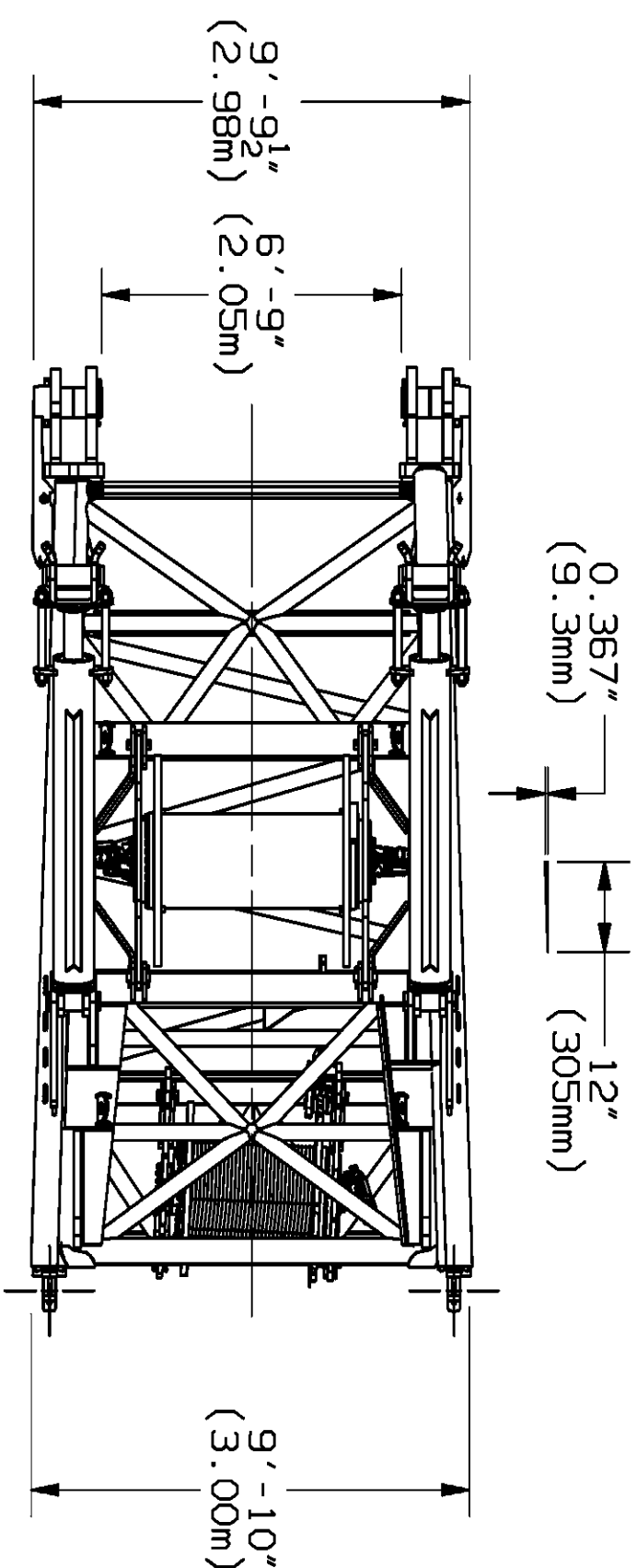
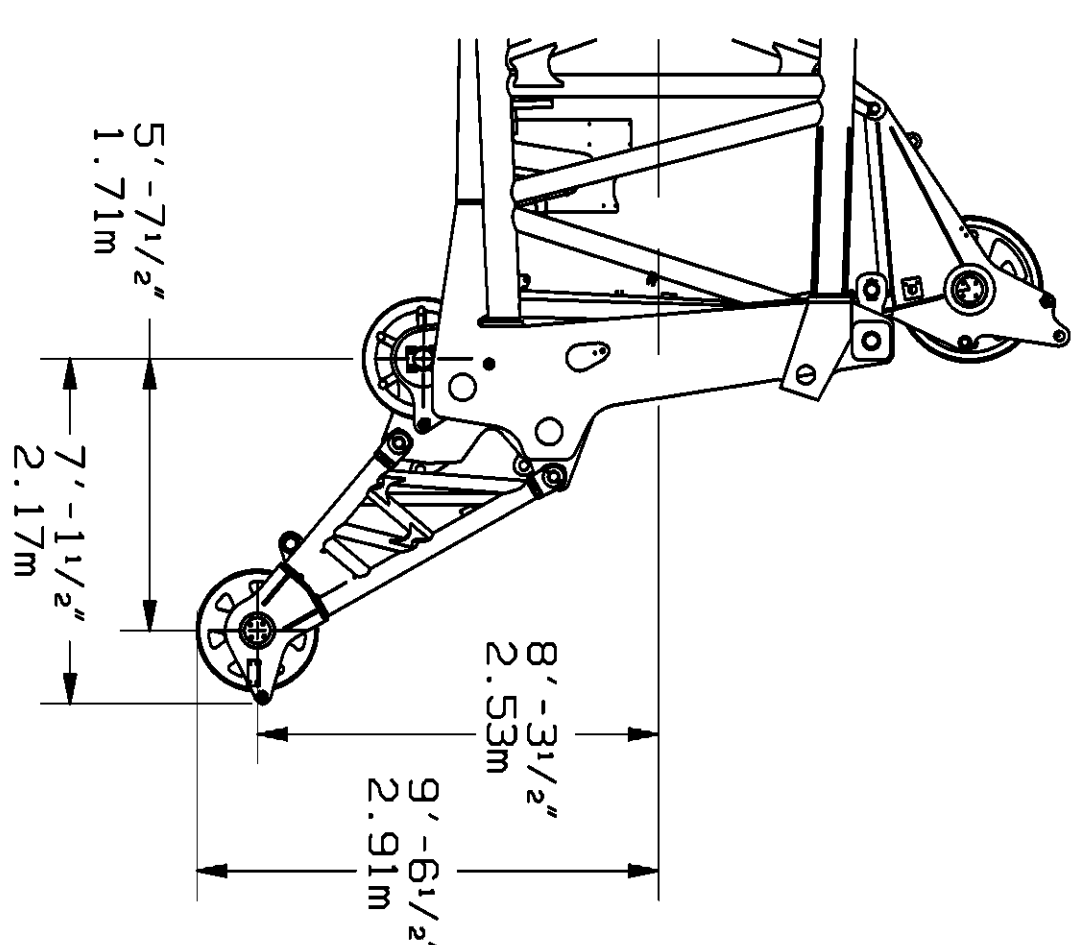
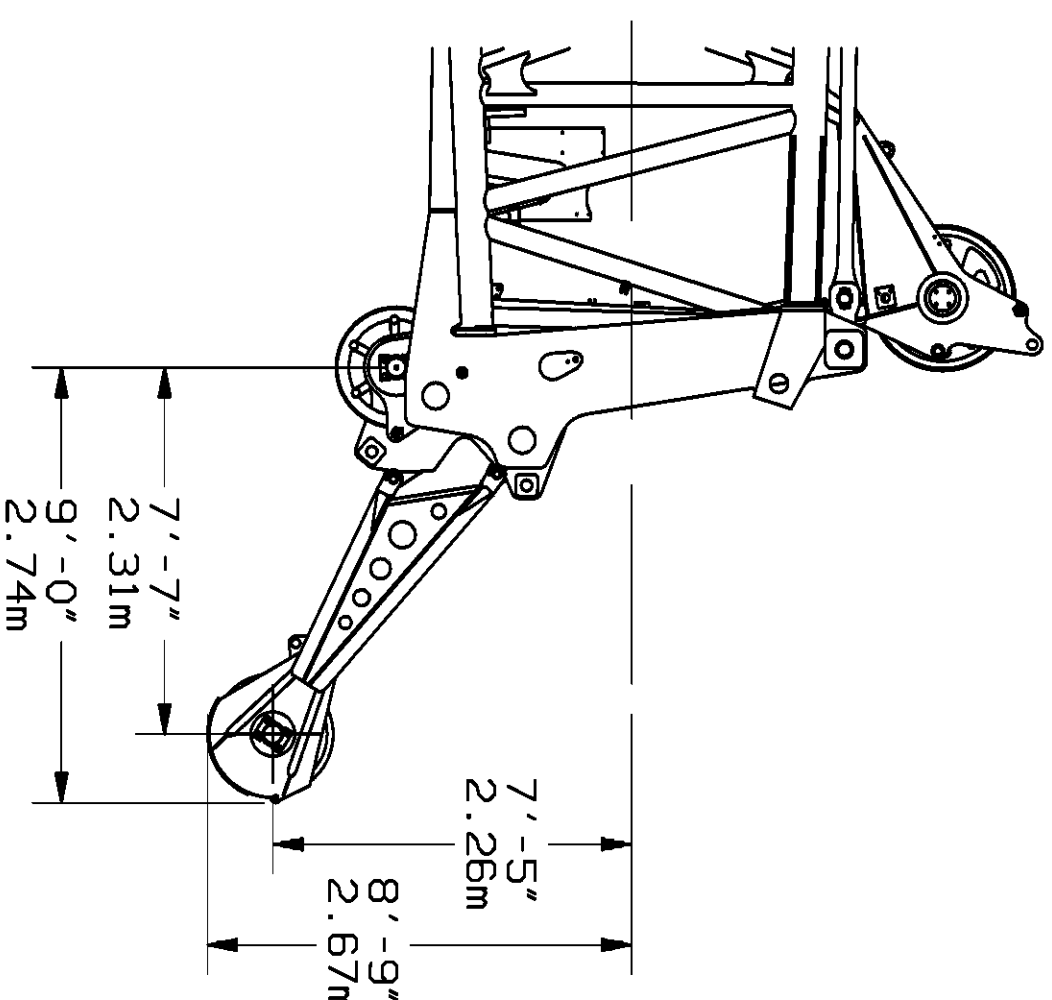
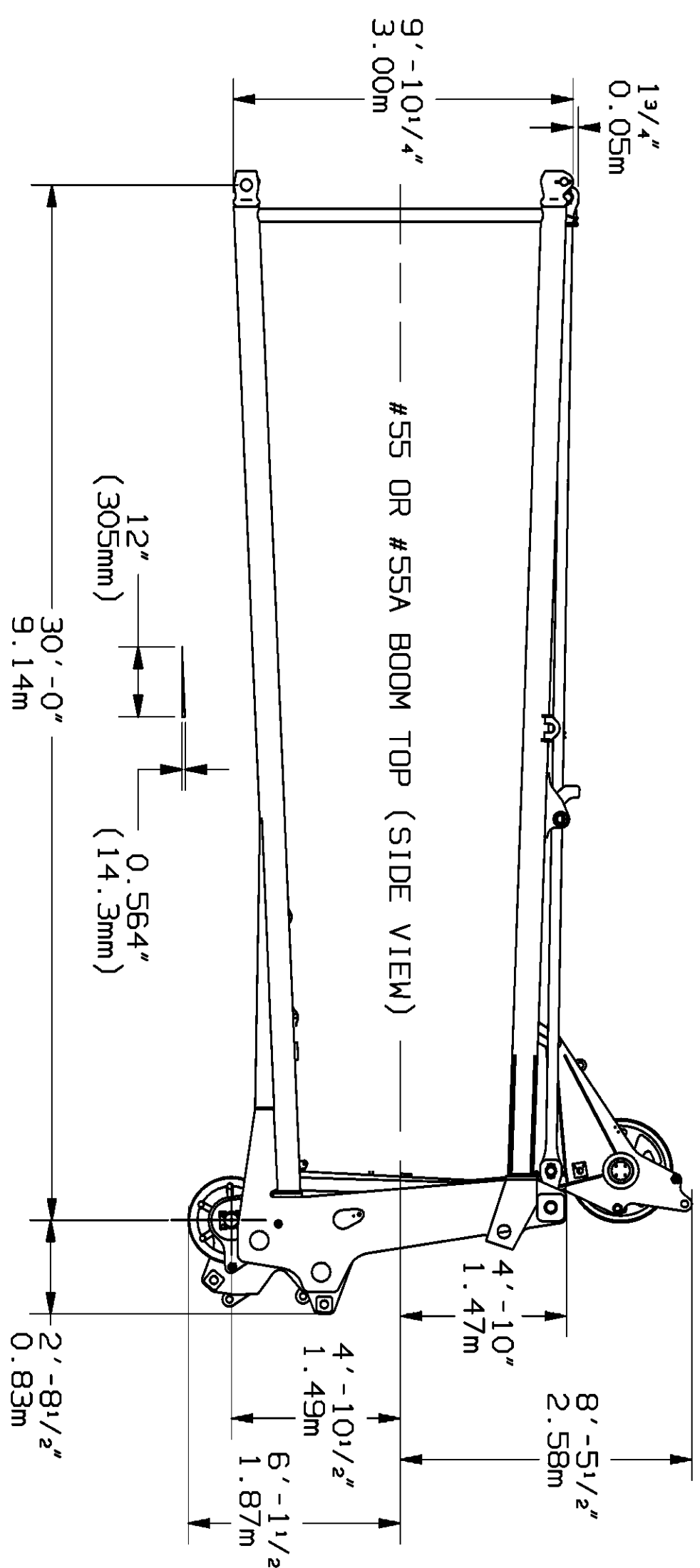
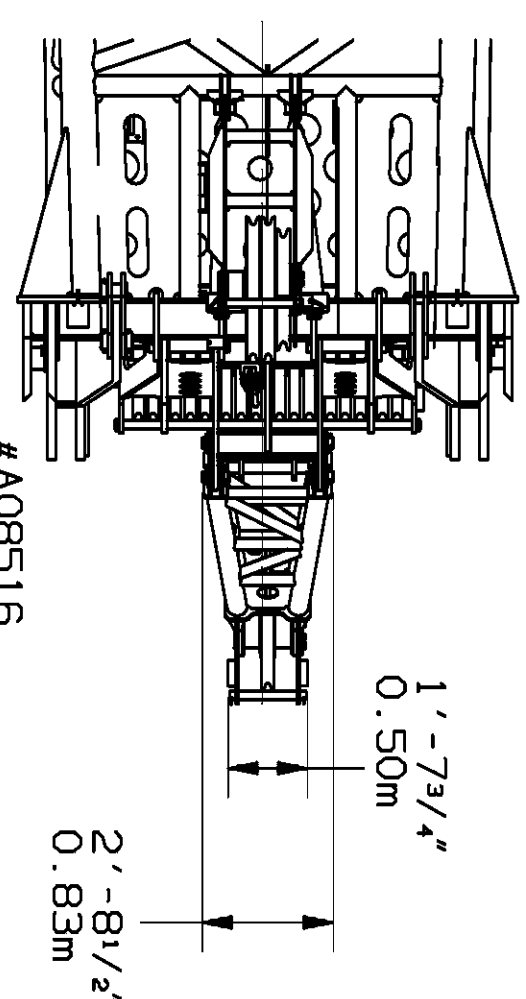
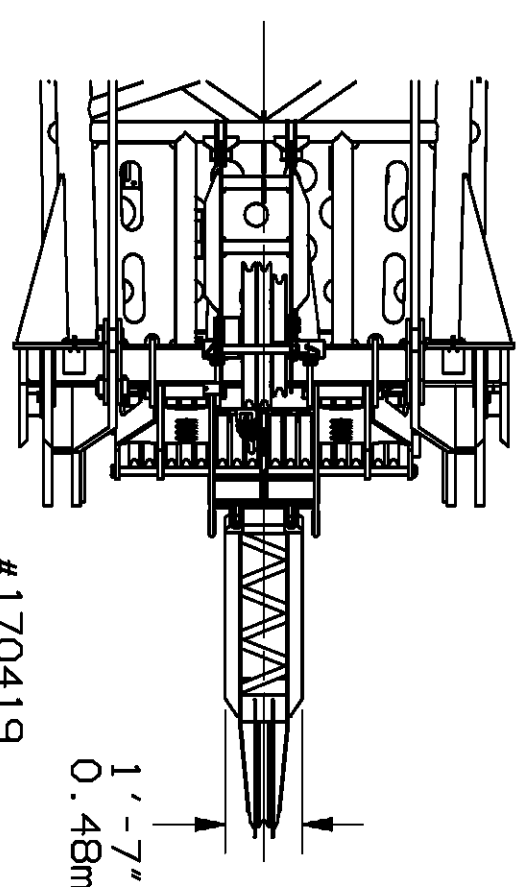
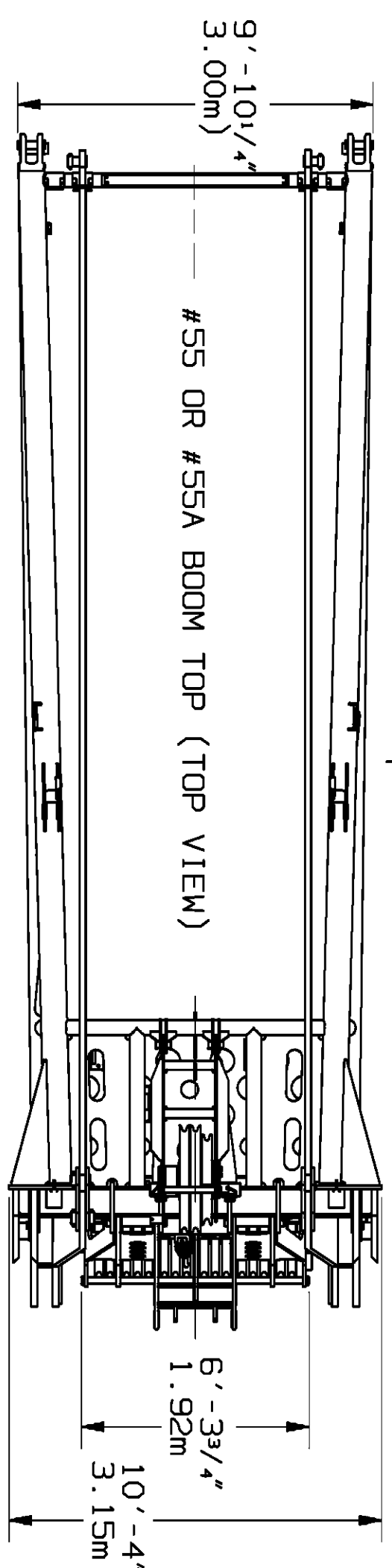
30 US TON (27 mTONNE)
EIGHT BALL TO BOOM POINT

30 US 10N (2/ MILNNE)
WEIGHT BALL TO BOOM POINT

WEIGHT BASE TO BOOTH 10 IN
MINIMUM DISTANCE

#55 OR #55A BOOM - 1 PART OF LINE

MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.



DATE	SCALE 1/4"=1'		REVISION DATE
04 -29 -04	DR CDC	Manitowoc Cranes, Inc. <i>Manitowoc, Wisconsin</i>	
DRAWING NO.	DR CN	MODEL 18000 MAX-ER	DIAGRAM - RANGE ASSEMBLY
A10243	WPUAZ	#55 OR #55A BOOM &	#55 OR #55A BOOM &
		140' #56 MAST	