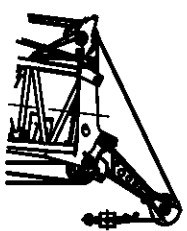




#A08516



#170714

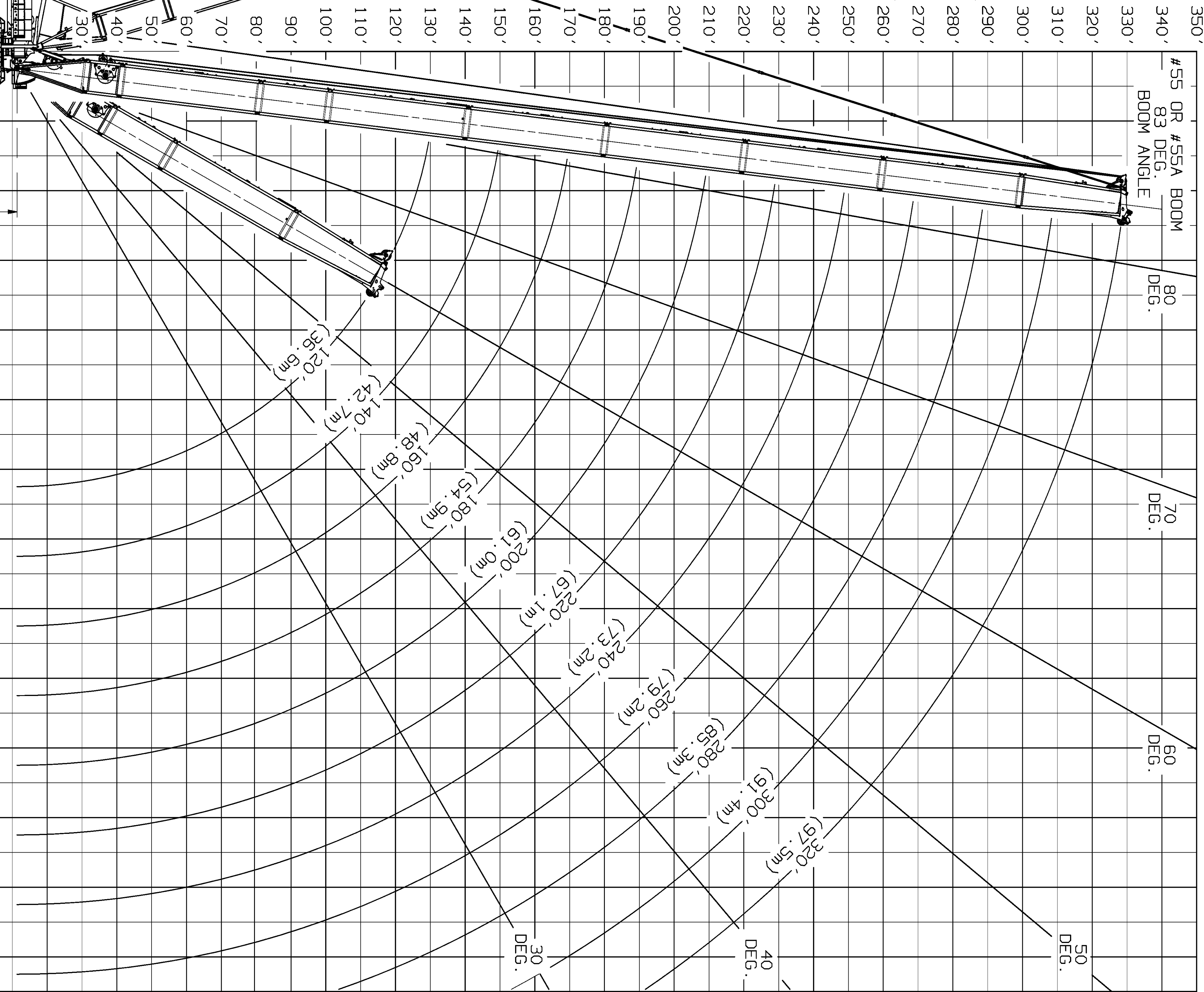
UPPER
BOOM POINT

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

HEIGHT ABOVE GROUND (IN FEET)

HEIGHT ABOVE GROUND (IN METERS)



$\varnothing$ ROTATION

DISTANCE FROM $\varnothing$ MACHINE (IN FEET)

SEE SHEET 2 FOR DETAILS

DATE	04-29-04	SCALE	1/4"=1'	MANITOWOC Cranes, Inc.	REVISION DATE
DRAWING NO.	A10236	REV. CDC	MANITOWOC, Wisconsin	DIAGRAM - RANGE ASSEMBLY	
		REV. JVS	MODEL 18000	#55 OR #55A BOOM &	
		REV. JVS		100' #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 MUST REMAIN WITHIN DISTANCE MAX BEYOND THAT INDICATED ON OPERATOR'S CONTROLS.

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.

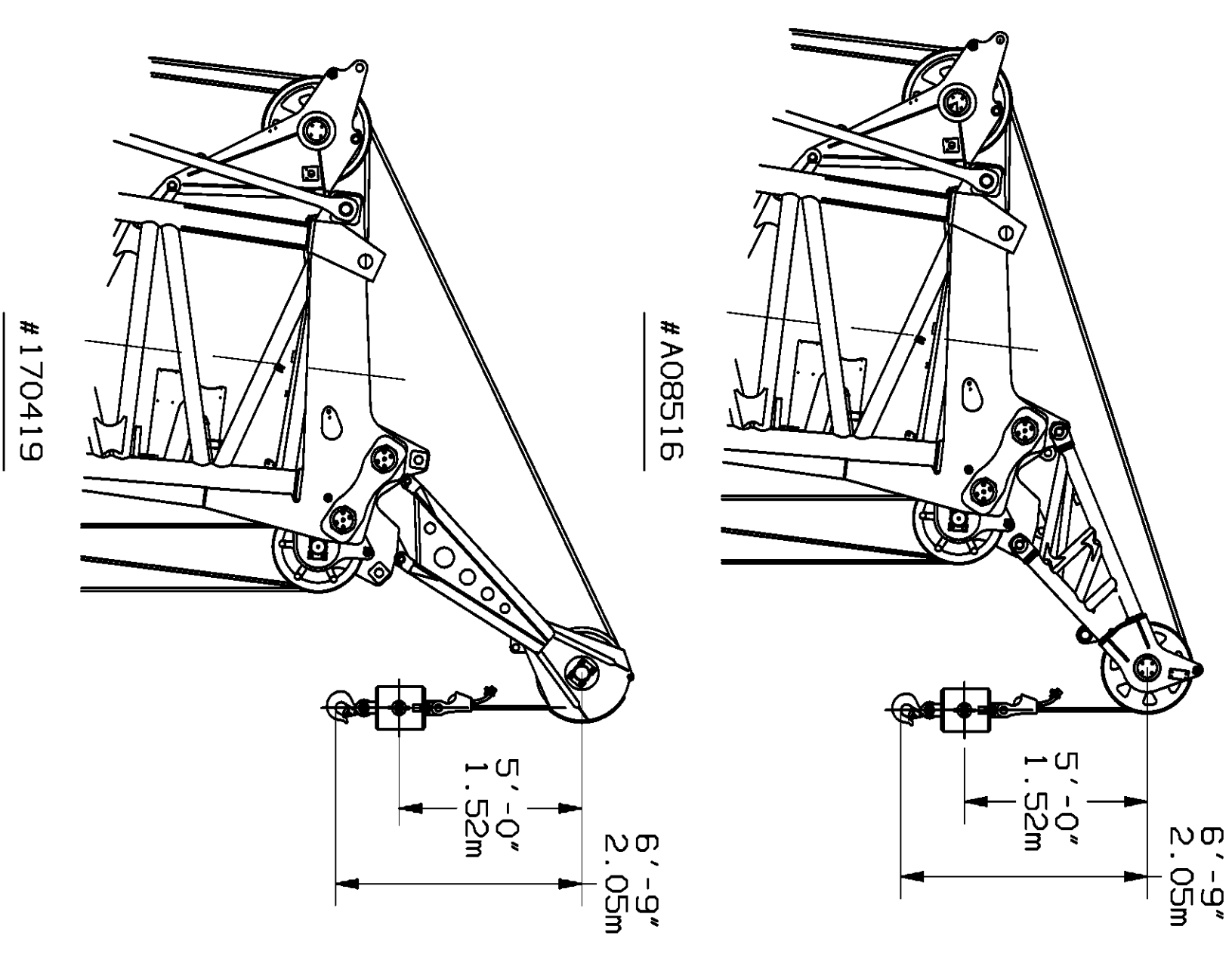
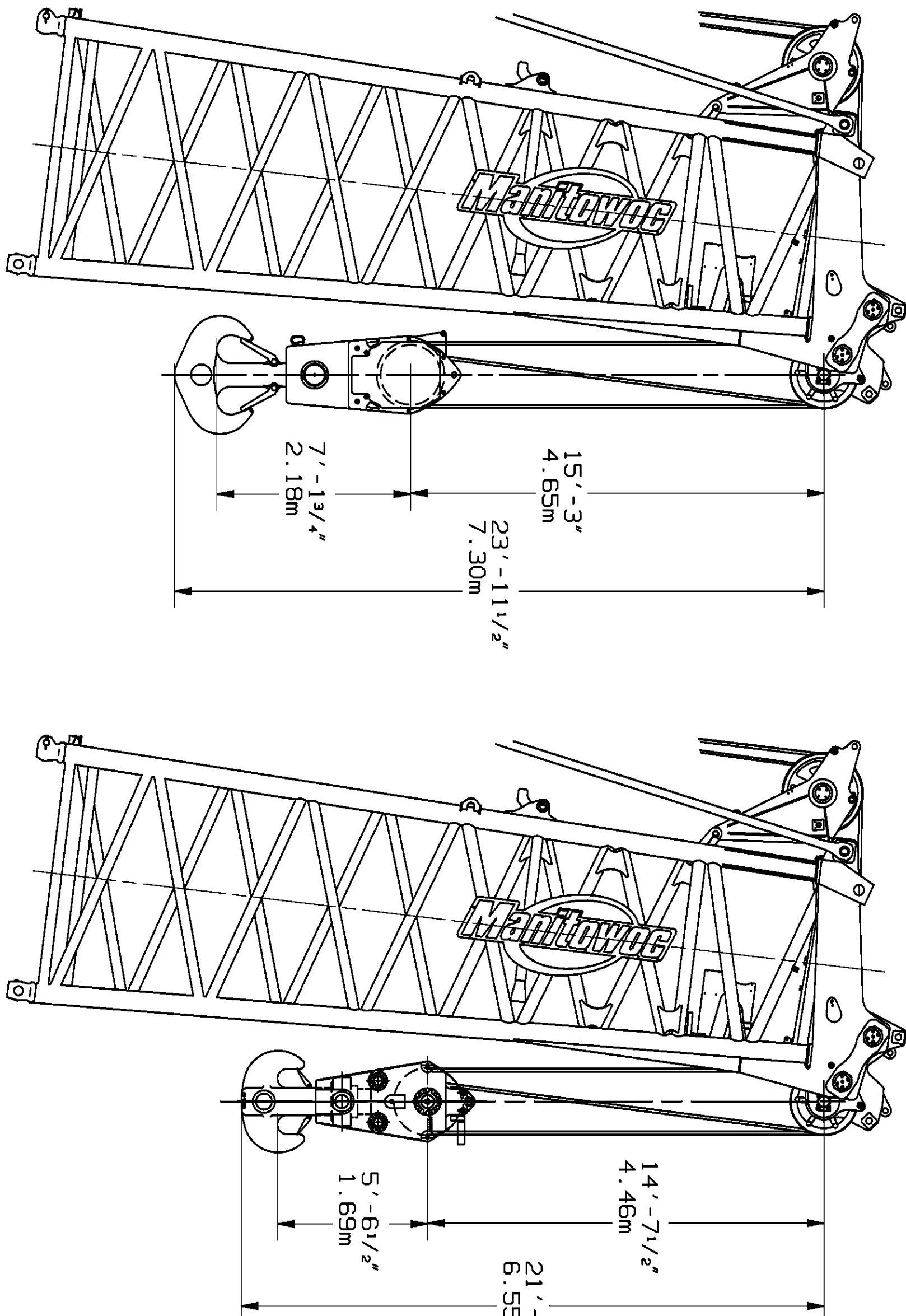
NOTE 3: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY

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

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



600 US TON (544 mTONNE) BLOCK TO BOOM POINT

350 US TON (317.5 MT) BLOCK TO BOOM POINT

MINIMUM DISTANCE
455 00 455A BOM 3

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

MINIMUM DISTANCE MEASUREMENTS BASED ON 83° BOMM ANGLE

```
MINIMUM DISTANCE
#55 DB #55A BNM - 1 DBIM 1
```

#55 OR #55A BOOM - 1 DRUM 16 PARTS OF LINE

MINIMUM DISTANCE MEASUREMENT IS
BASED ON 83° BOOM ANGLE.

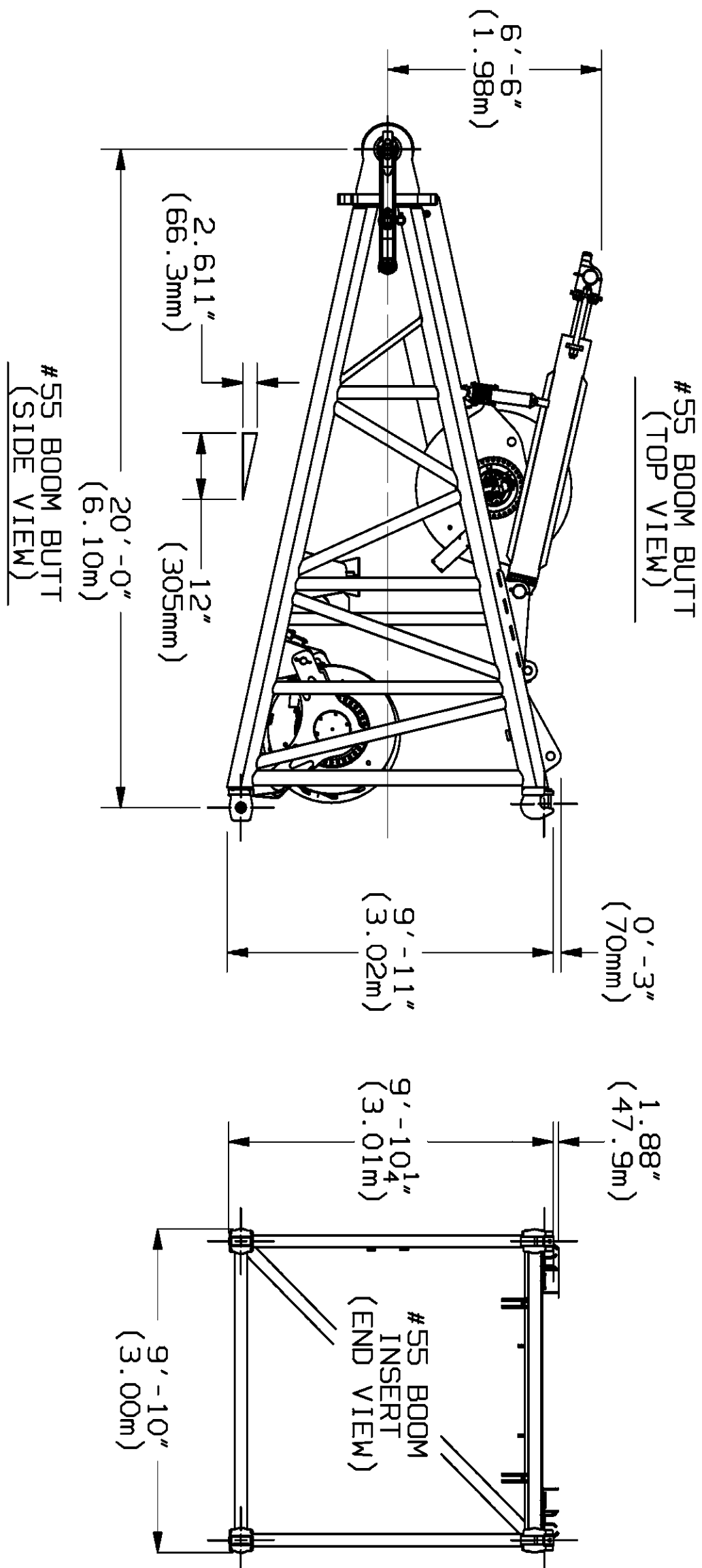
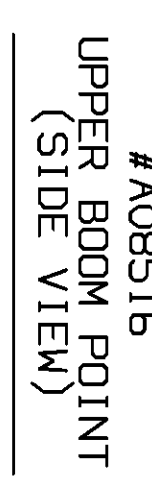
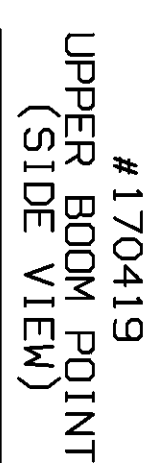
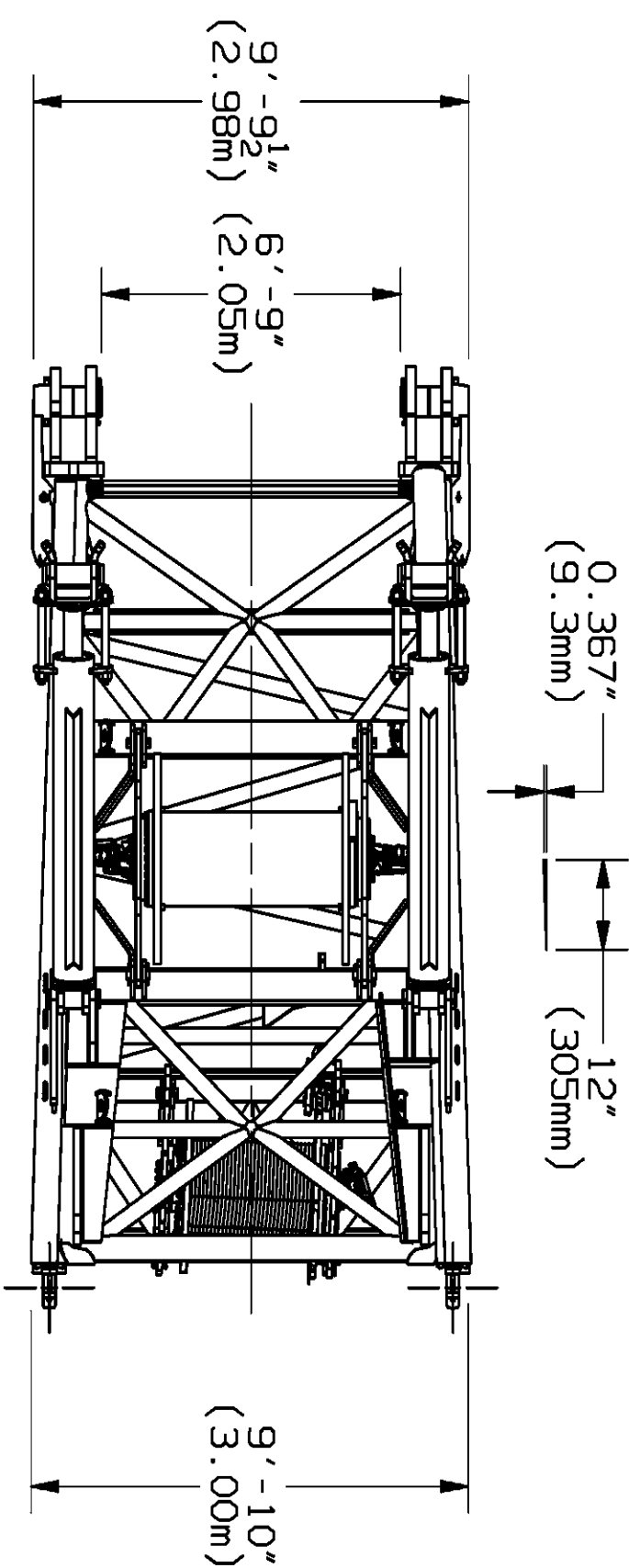
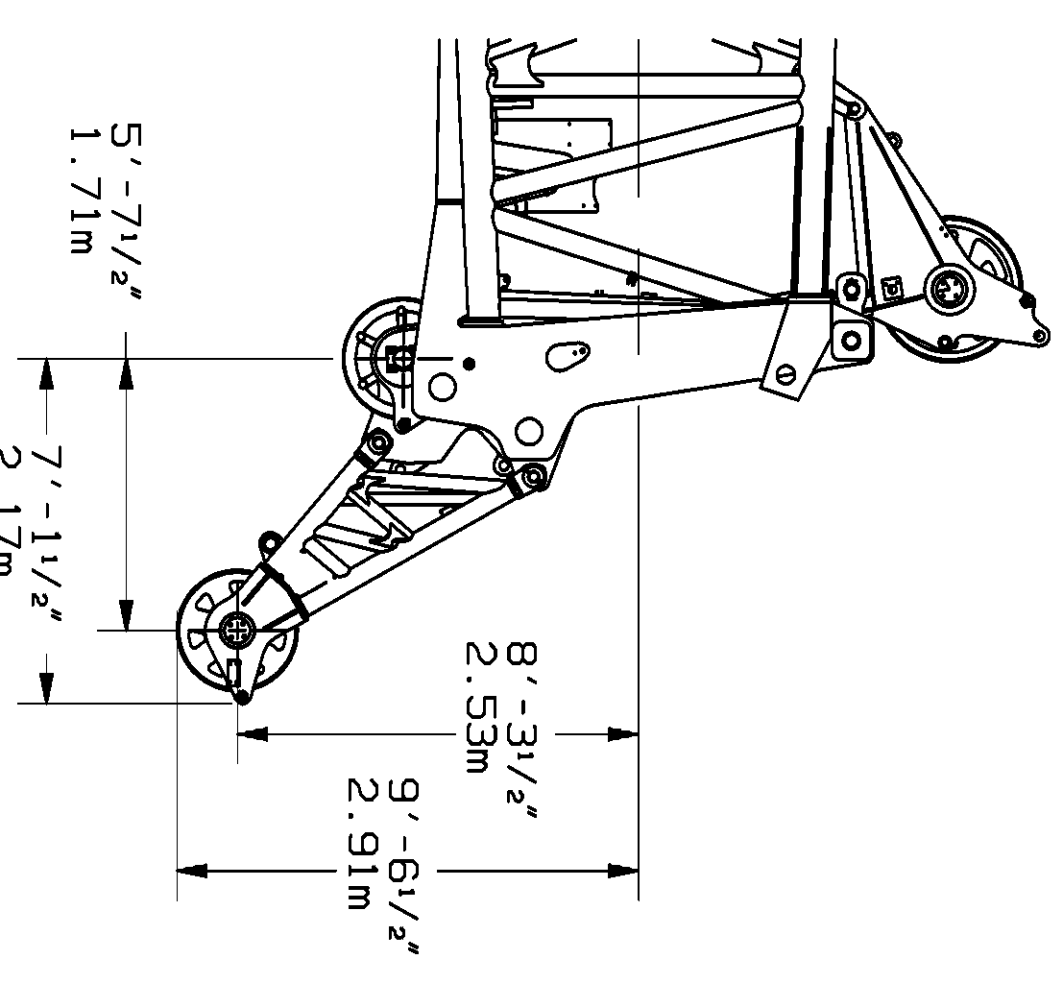
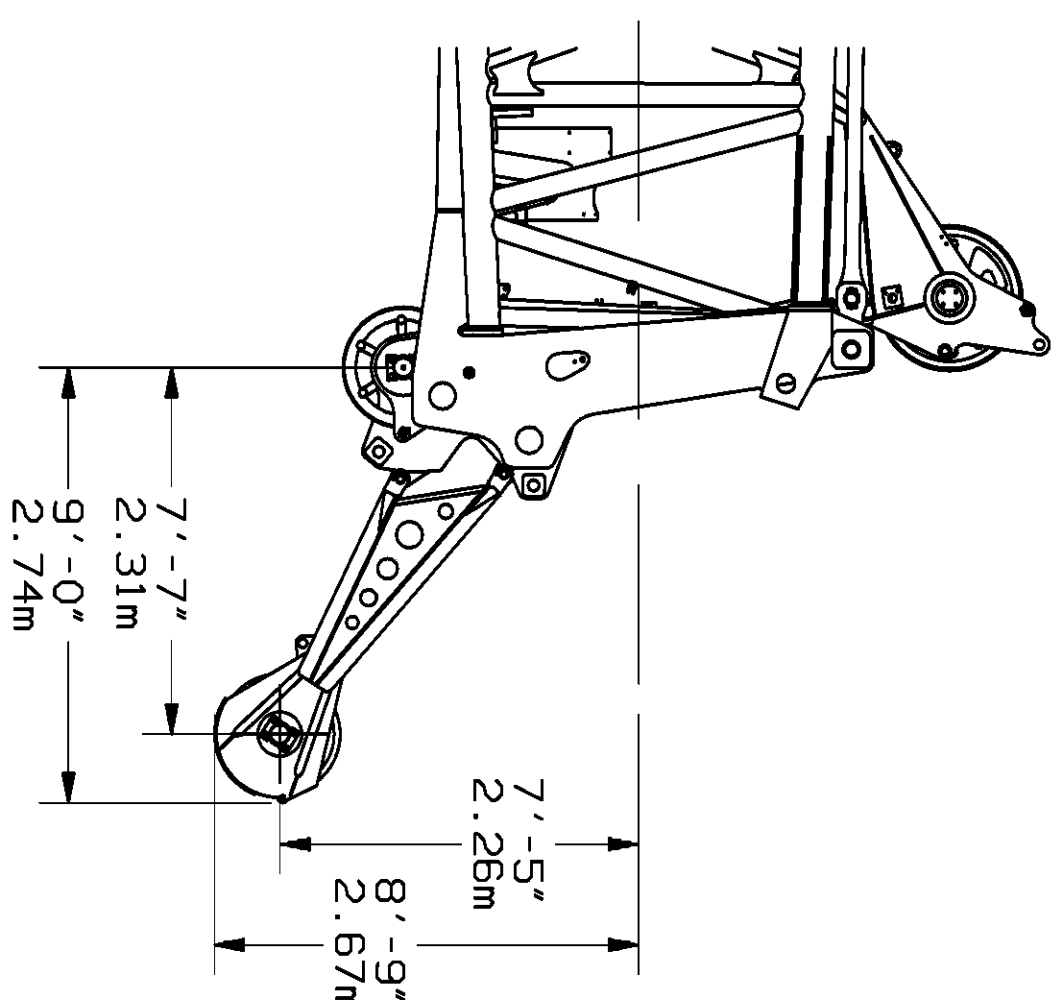
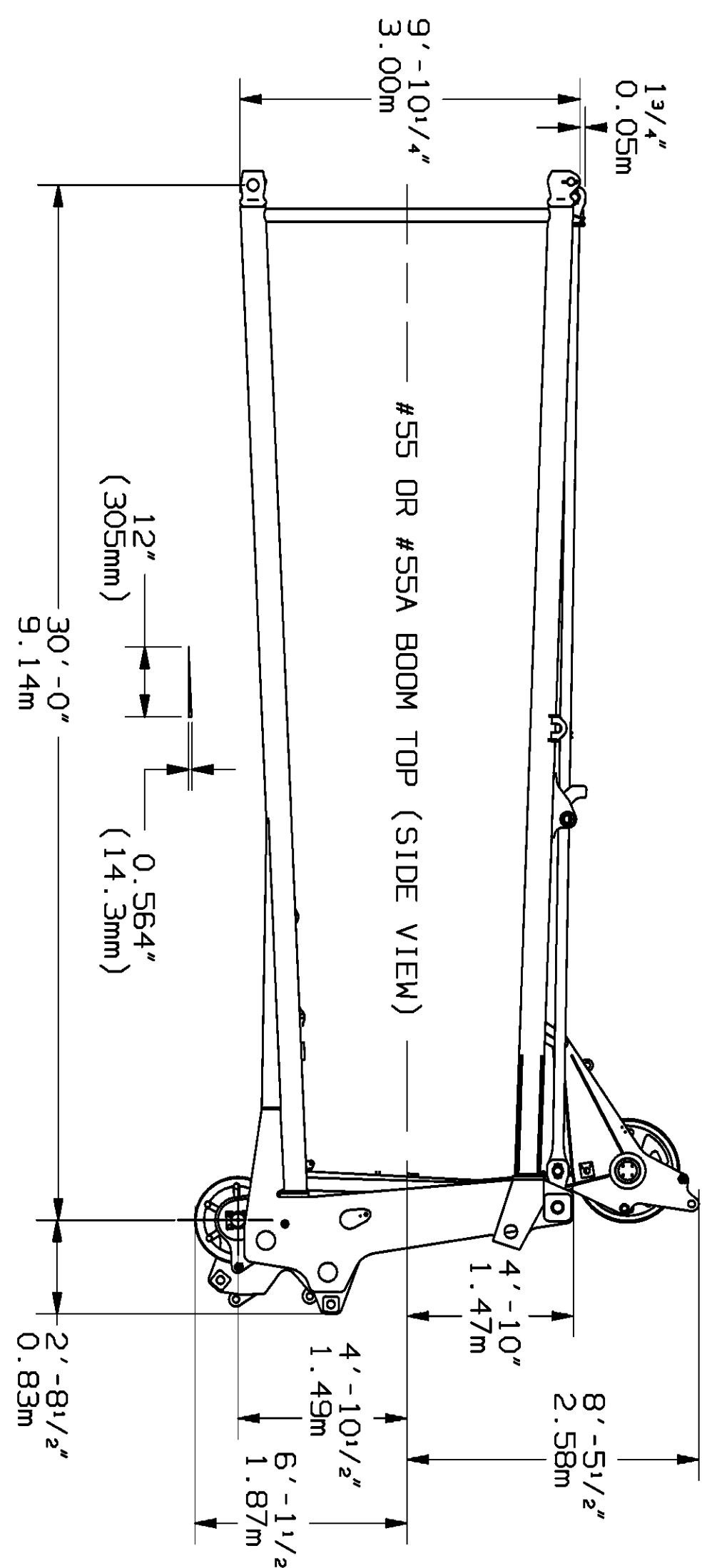
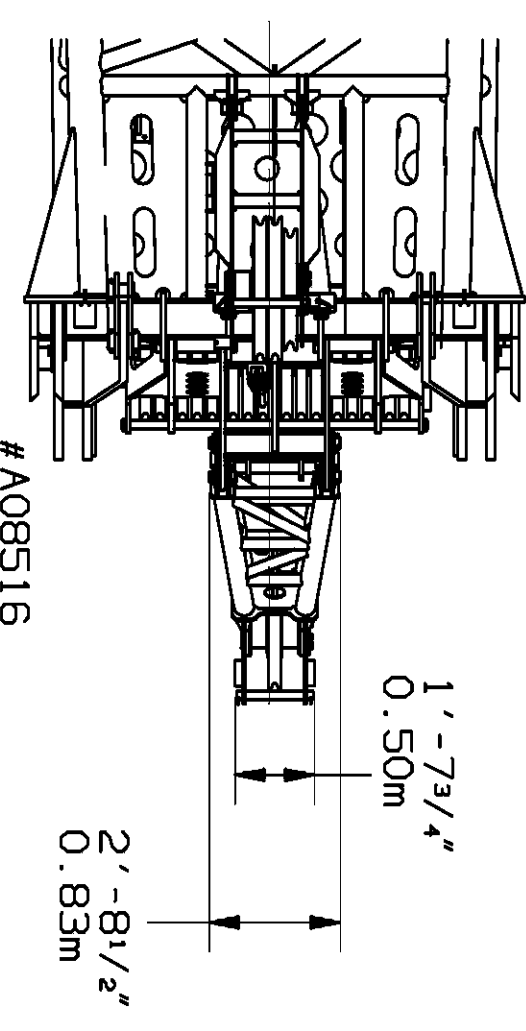
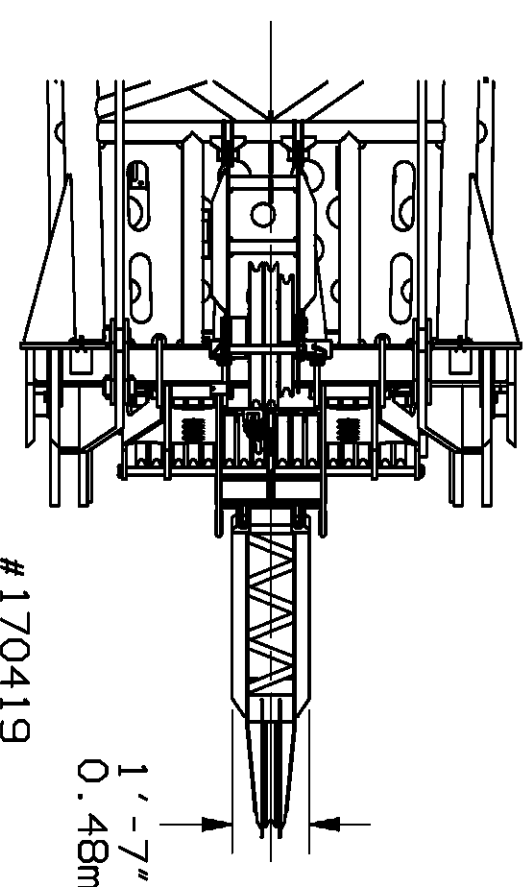
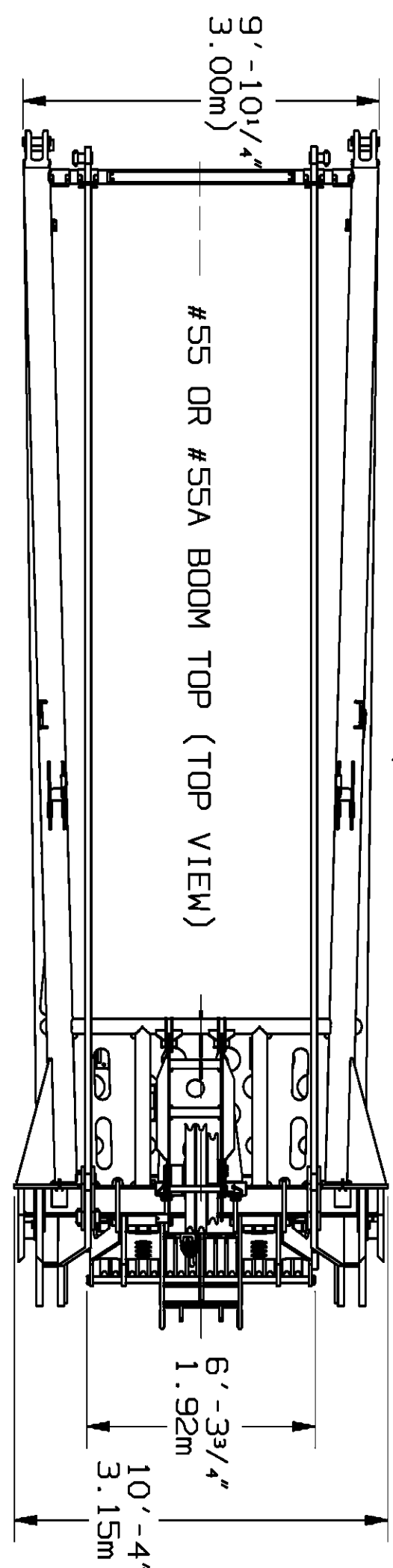
30 US TON (27 mTONNE)
WEIGHT BALL TO BOOM POINT
MAINTAINING DISTANCE

WEIGHT BALL TO BOOM POINT
MAINTAIN DISTANCE

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

#	CN	#	CON	DOBT	T	M	D	E	L	I	N	E
00	01	00A	B00F1		1	MM	1	01				

MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.



DATE	SCALE 1/4"=1'		REVISION DATE
04 -29 -04	DR CDC	Manitowoc Cranes, Inc.	
DRAWING NO.	DR CNCS	<i>Manitowoc, Wisconsin</i>	
	MODEL 18000		
A10236	WPAJAZ	DIAGRAM - RANGE ASSEMBLY	
		#55 OR #55A BOOM &	
		100' #56 MAST	