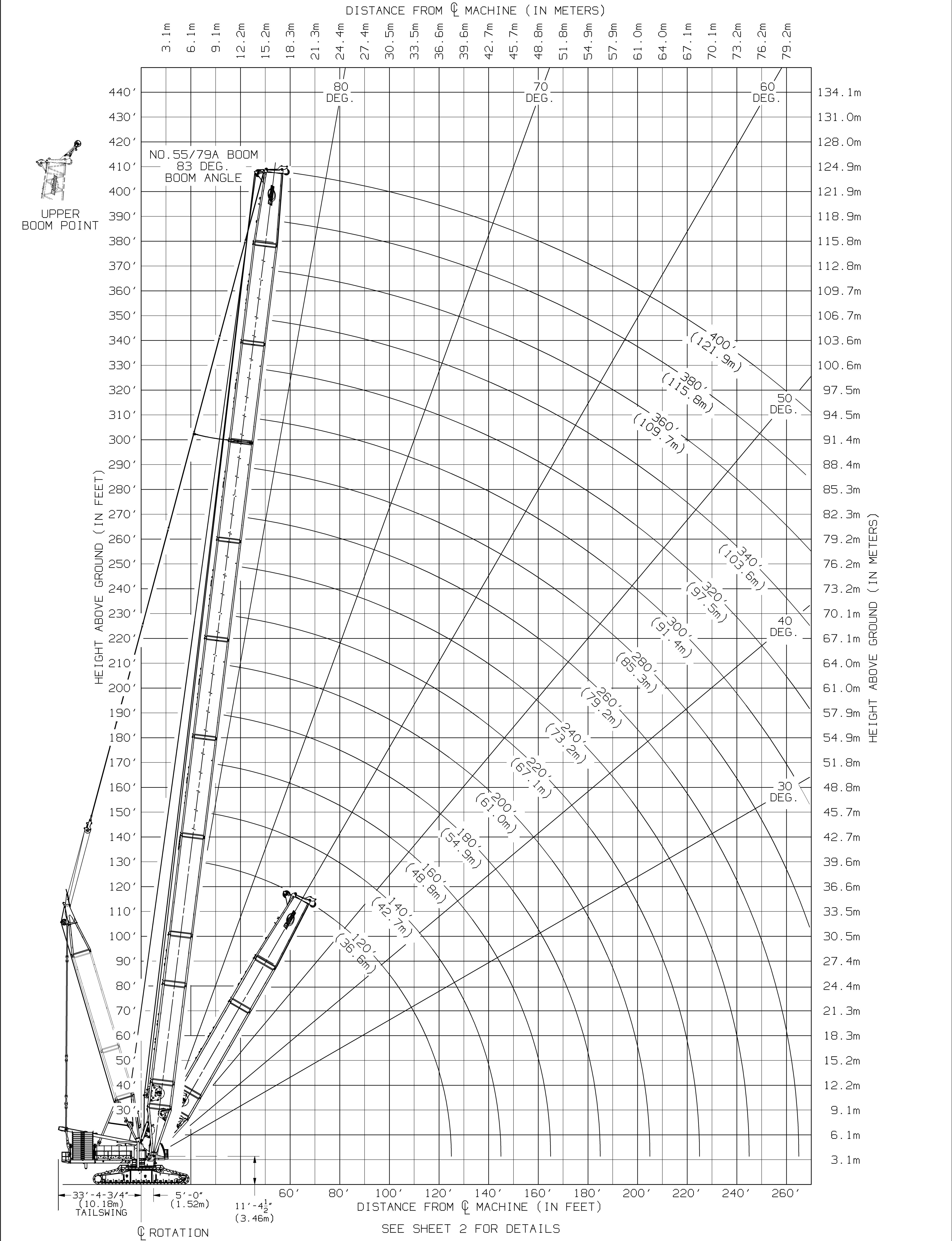




DATE	SCALE	Manitowoc Cranes, Inc. Manitowoc, Wisconsin	REVISION DATE	
09-11-03	1/4"=1'		11-15-06 NVS	
DRAWING NO.	CK:TWB	MODEL 18000 W/100' MAST	NO.55/79A BOOM	
A07693	APP:ELS			

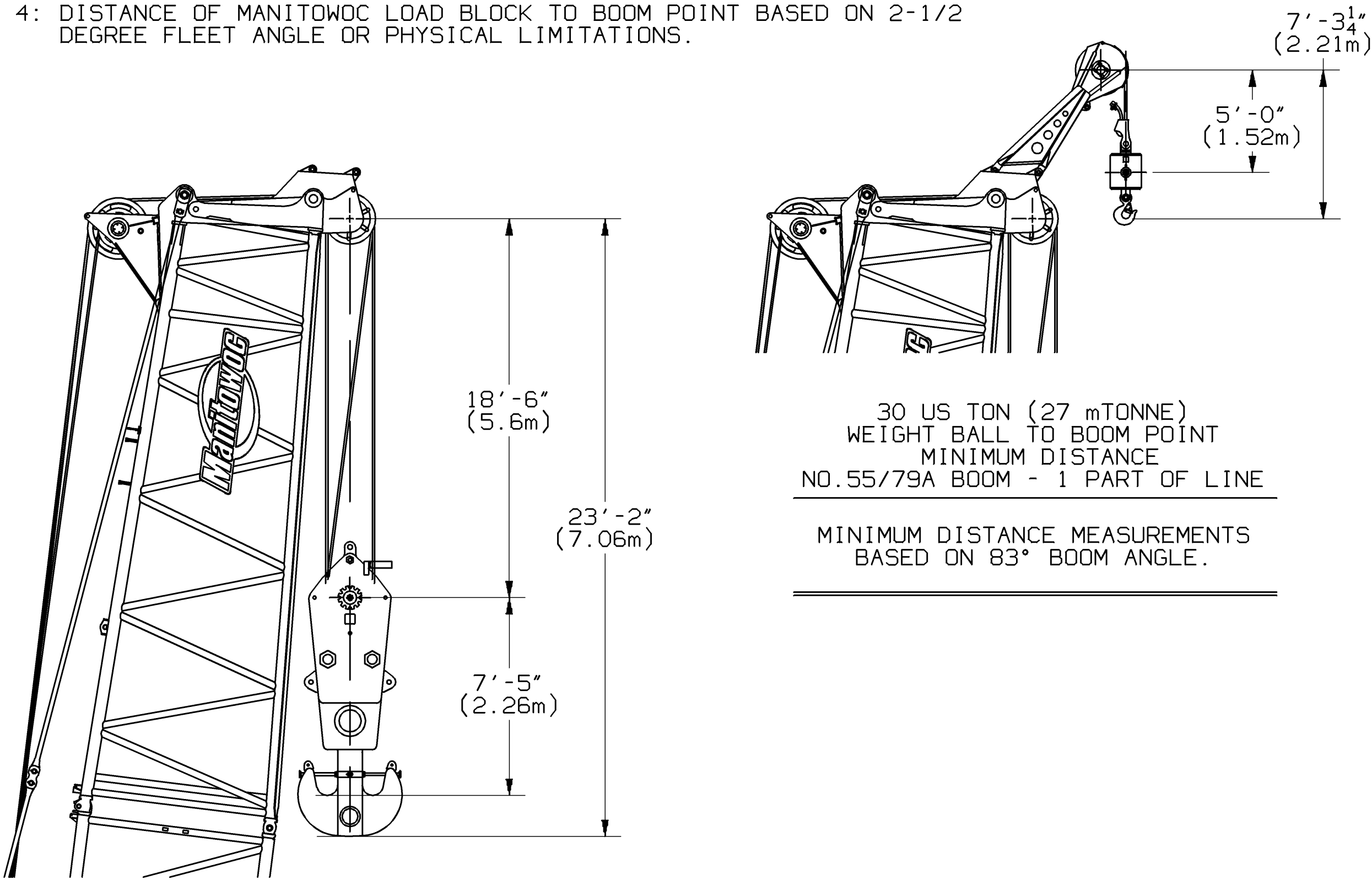
- NOTE 1: THIS DRAWING IS INTENDED ONLY AS A GUIDE TO ASSIST IN JOB PLANNING.

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

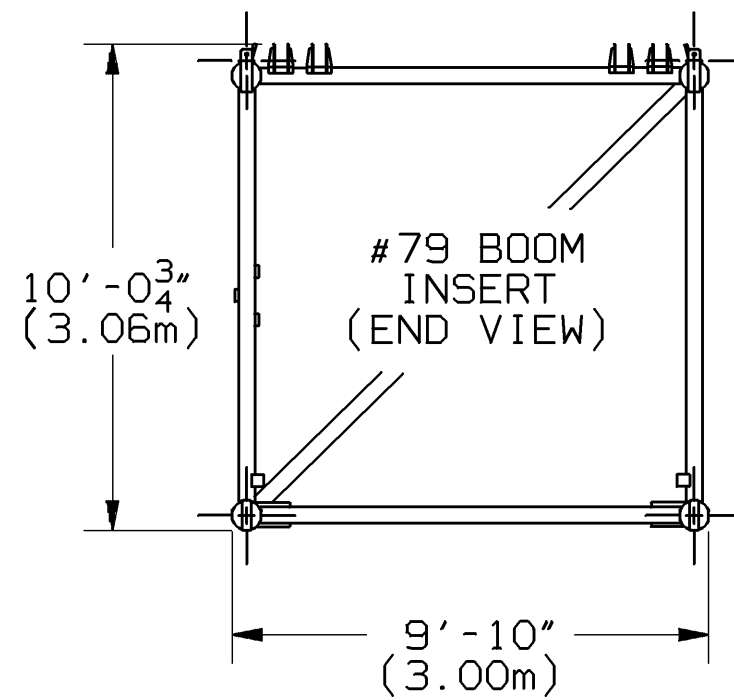
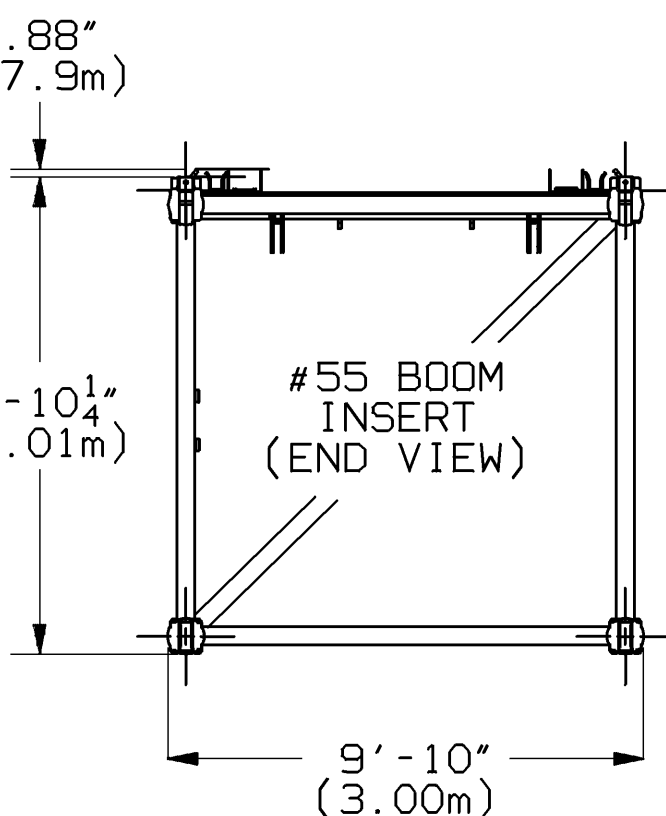
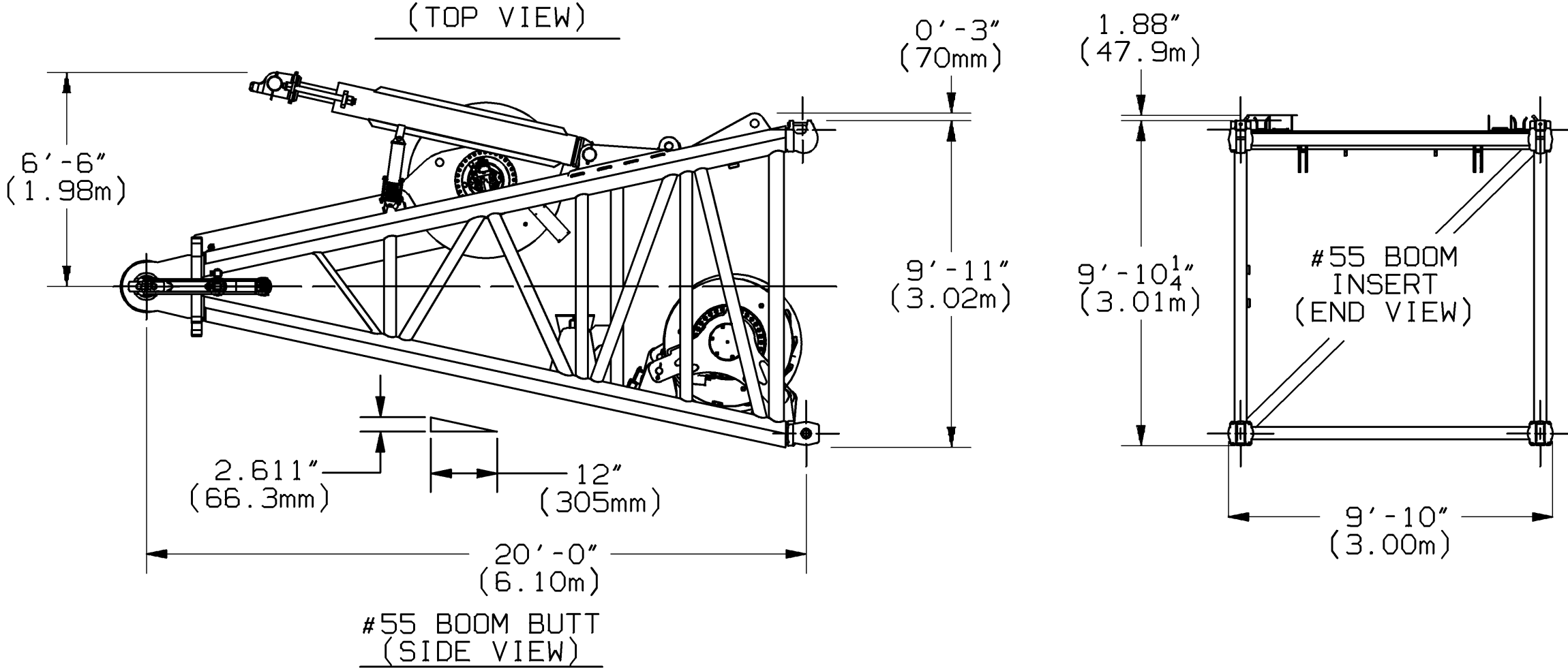
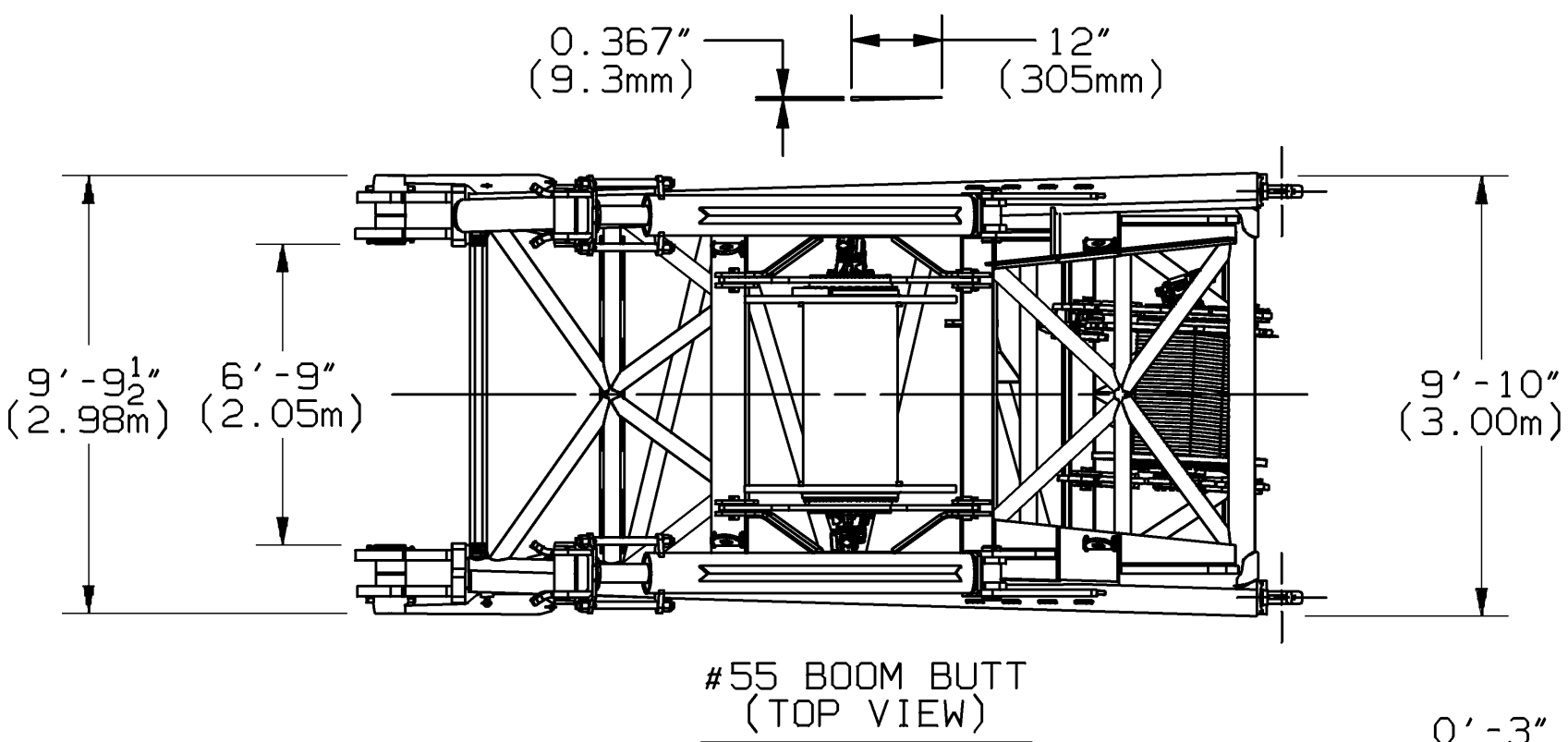
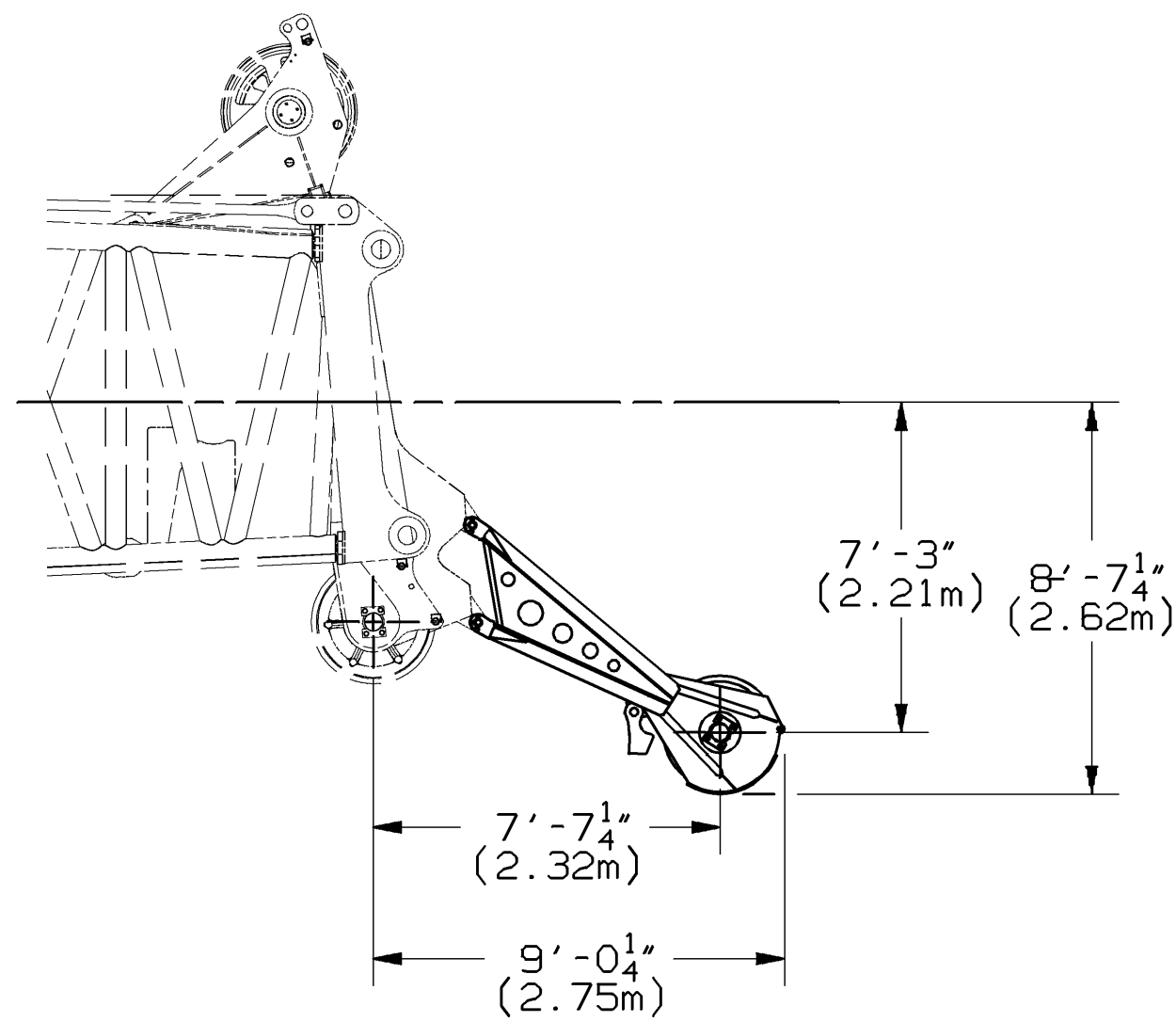
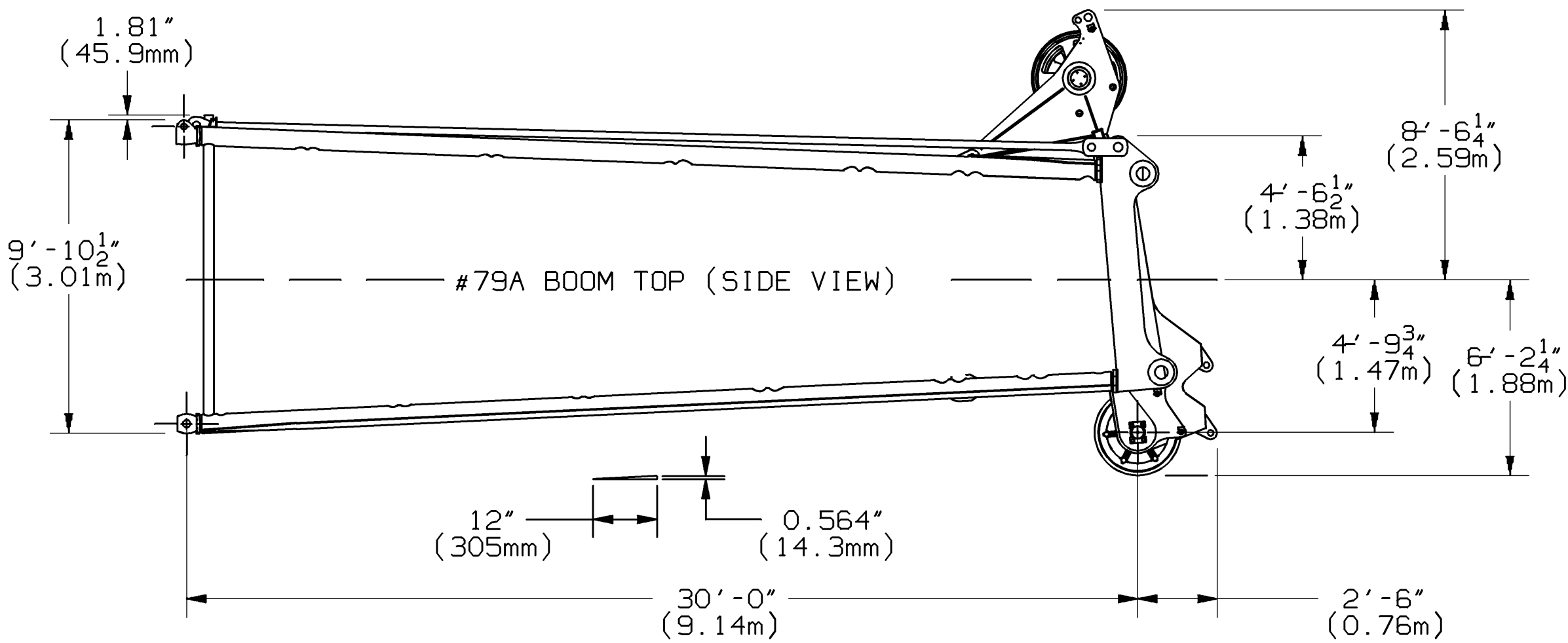
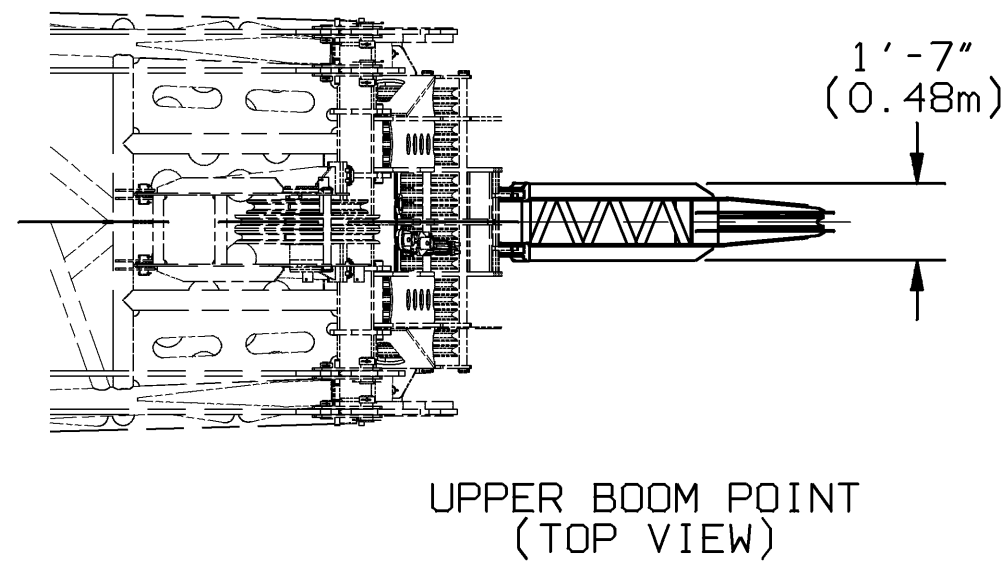
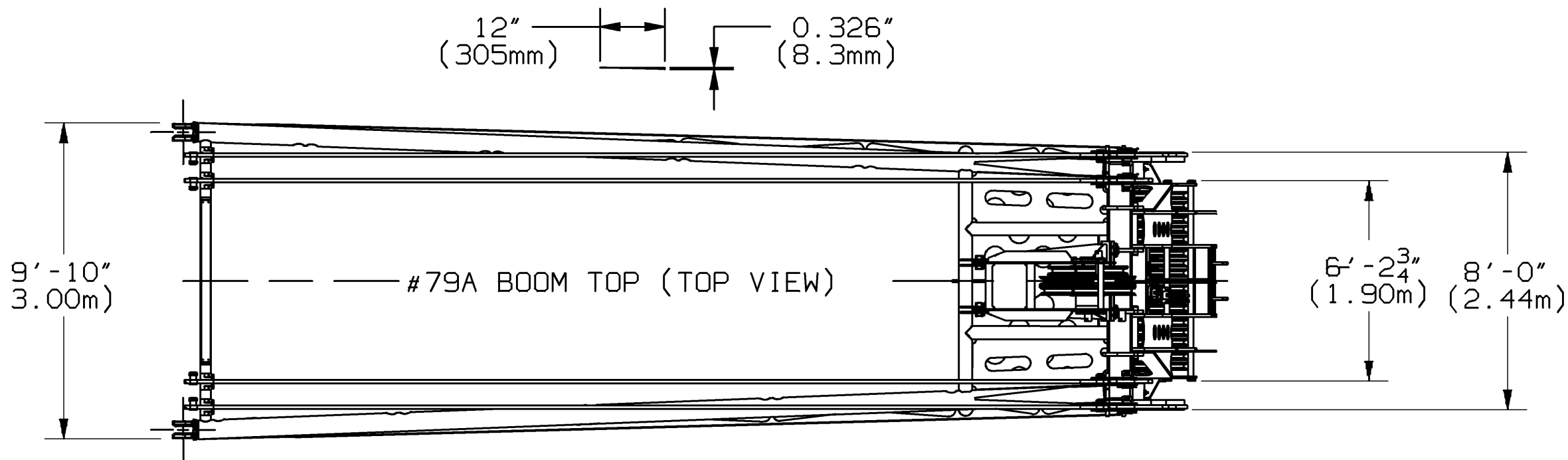
NOTE 3: FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED, A DETAILED LAYOUT SHOULD BE PREPARED.

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 BLOCK UP LIMIT CONTROL, LOAD BLOCK TO BOOM OR JIB POINT MINIMUM DISTANCE MAY BE MORE THAN INDICATED. SEE OPERATOR'S MANUAL FOR "BLOCK UP LIMIT CONTROL".

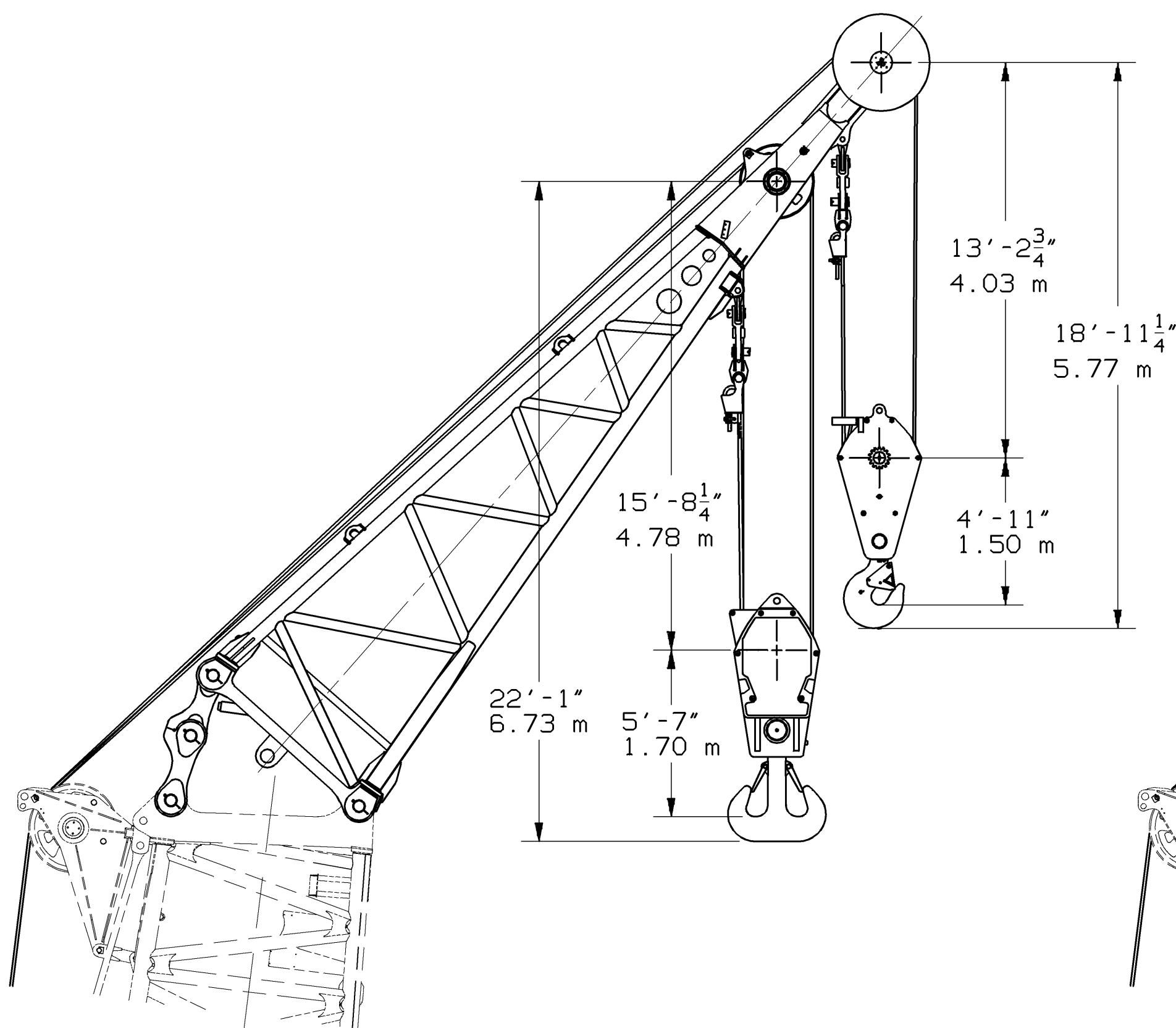
NOTE 6: MINIMUM DISTANCE FROM MANITOWOC SUPPLIED LOAD BLOCK TO BOOM POINT SHOWN IS FOR WORST CASE. DISTANCE COULD BE LESS DEPENDING ON CONFIGURATION.



500 TON (454 mTONNE) BLOCK TO BOOM POINT MINIMUM DISTANCE #55/79A BOOM - 2 DRUM 30 PARTS OF LINE MINIMUM DISTANCE MEASUREMENTS BASED ON 83° BOOM ANGLE.



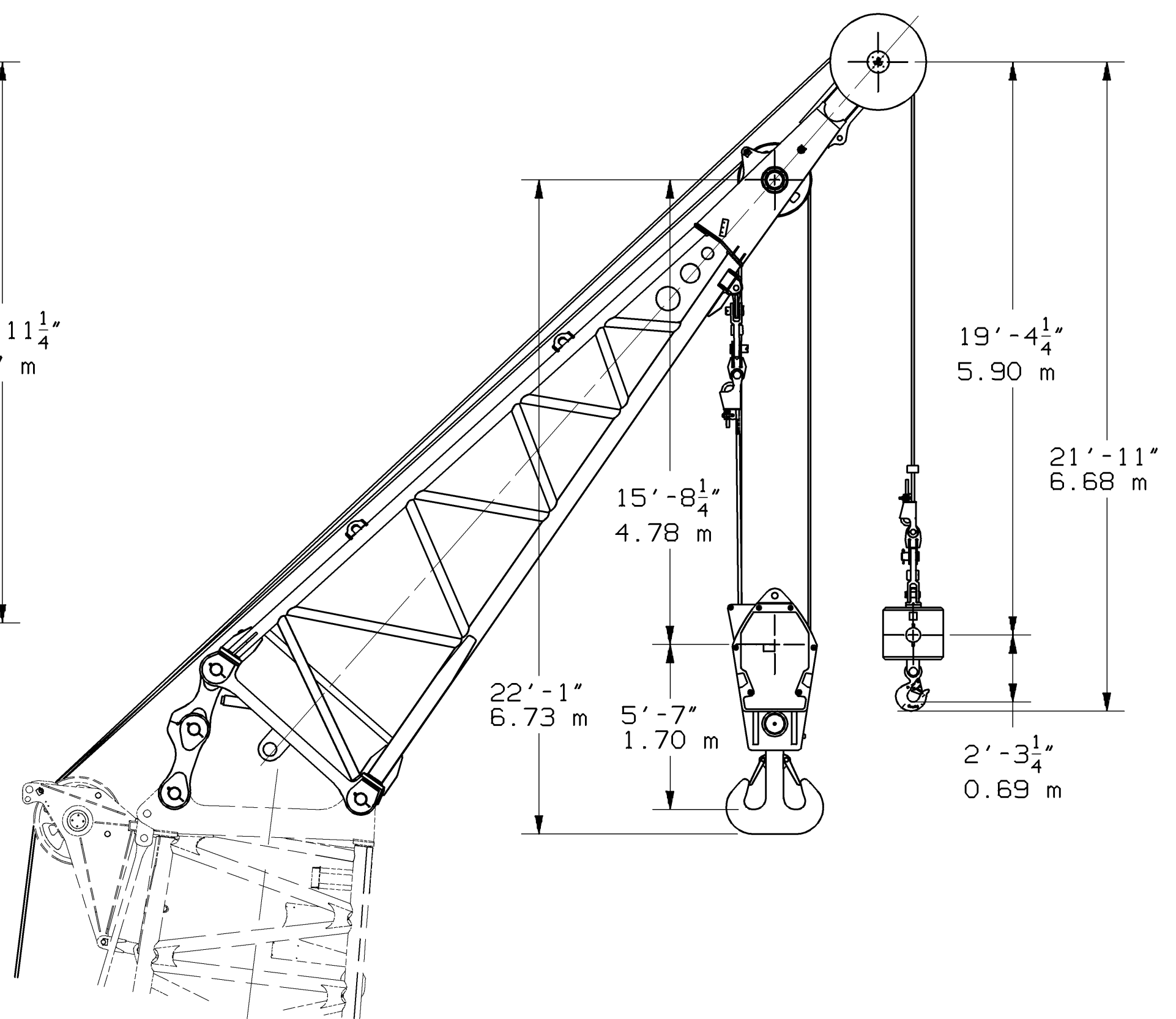
DATE	SCALE	Manitowoc Cranes, Inc.	REVISION DATE
09-11-03	1/4"=1'	Manitowoc, Wisconsin	11-15-06 NVS
DRAWING NO.	CK:TWB	MODEL 18000 W/100' MAST	DIAGRAM - RANGE ASSEMBLY
A07693	APP:BLS		NO.55/79A BOOM



100 TON (90.7 mTONNE) BLOCK TO BOOM POINT
MINIMUM DISTANCE
#55/79A BOOM - 1 DRUM 2 PARTS OF LINE

250 TON (227 mTONNE) BLOCK TO BOOM POINT
MINIMUM DISTANCE
#55/79A BOOM - 1 DRUM 6 PARTS OF LINE

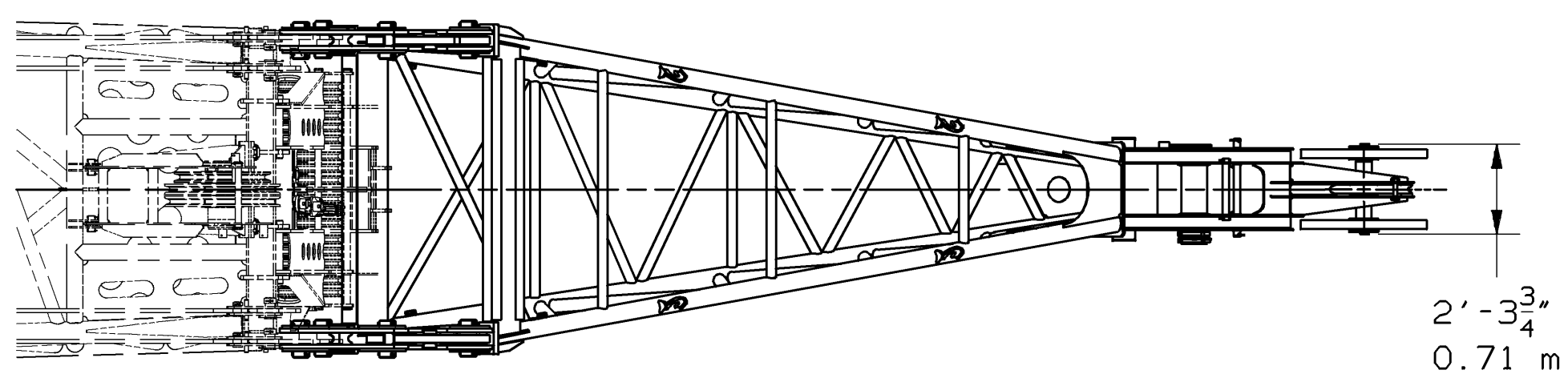
MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.



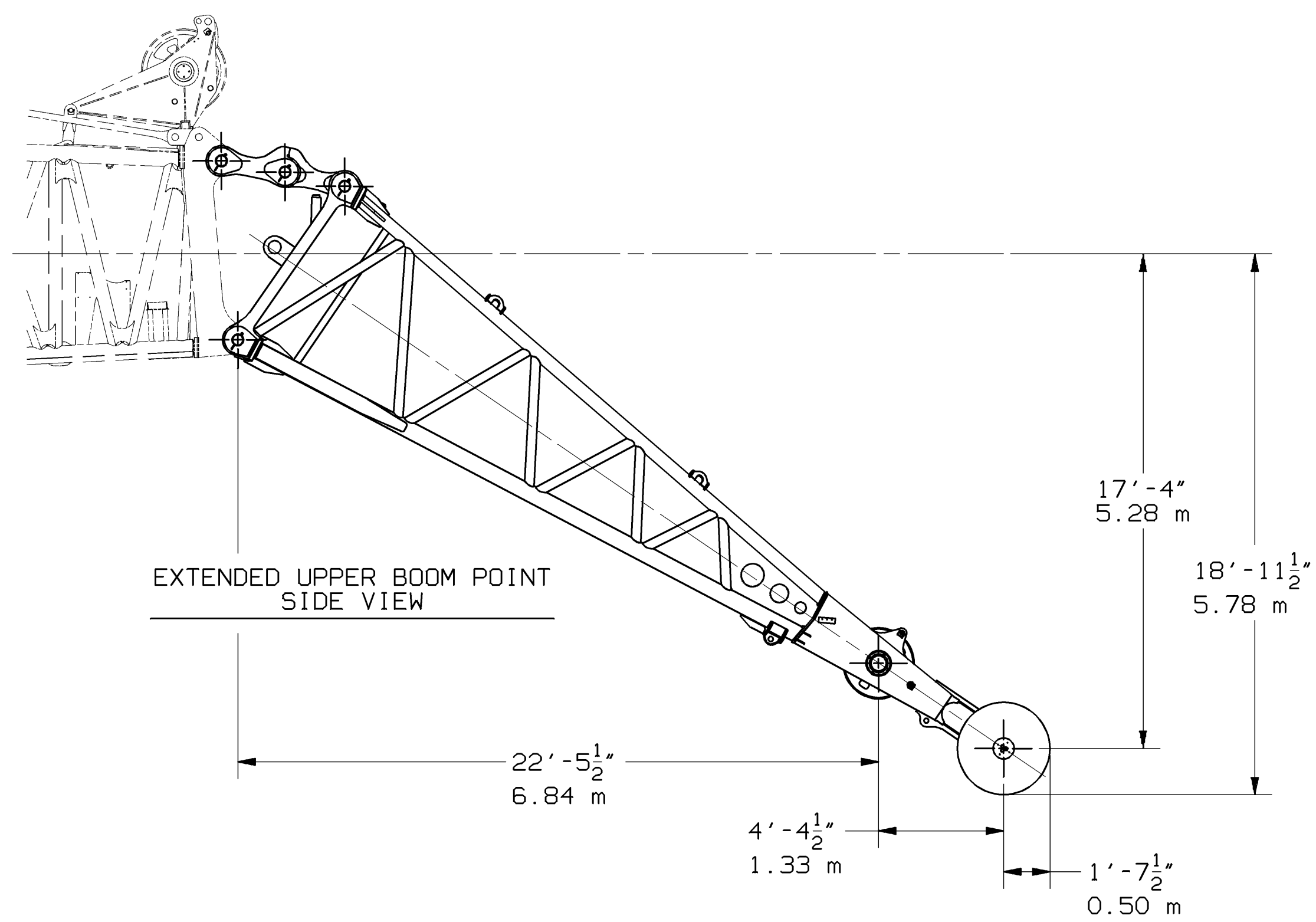
30 TON (27.2 mTONNE) WEIGHT BALL TO BOOM POINT
MINIMUM DISTANCE
#55/79A BOOM - 1 DRUM 1 PART OF LINE

250 TON (227 mTONNE) BLOCK TO BOOM POINT
MINIMUM DISTANCE
#55/79A BOOM - 1 DRUM 6 PARTS OF LINE

MINIMUM DISTANCE MEASUREMENTS
BASED ON 83° BOOM ANGLE.



EXTENDED UPPER BOOM POINT
TOP VIEW



EXTENDED UPPER BOOM POINT
SIDE VIEW

DATE 11-15-06	SCALE 1/4"=1'	Manitowoc Cranes, Inc. Manitowoc, Wisconsin	REVISION DATE
DRAWING NO. A07693	CK:TWB APP:JAS	MODEL 18000 W/100' MAST	DIAGRAM - RANGE ASSEMBLY NO.55/79A BOOM