

DISTANCE FROM $\varnothing$ ROTATION 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

80 DEG. 70 DEG. 60 DEG.

NO. 10 JIB
0 DEGREE
OFFSET
JIB ANGLE

10 DEG.
20 DEG.
30 DEG.

OPTIONAL
UPPER
BOOM POINT

NO. 222 BOOM
82 DEGREE
BOOM ANGLE

OPTIONAL
WIRE ROPE
GUIDE

30'
40'
50'
60'
70.1m
73.2m
76.2m

(9.1m)
(12.2m)
(15.2m)
(18.3m)

(200.0m)
(57.9m)

(190.9m)
(54.9m)

(180.8m)
(51.8m)

(160.8m)
(48.8m)

(150.7m)
(45.7m)

(140.7m)
(42.7m)

(130.6m)
(39.6m)

(120.6m)
(36.6m)

(110.5m)
(33.5m)

(100.5m)
(30.5m)

(90.4m)
(27.4m)

(80.4m)
(24.4m)

(70.3m)
(21.3m)

(60.3m)
(18.3m)

(50.2m)
(15.2m)

(40.2m)
(12.2m)

HEIGHT ABOVE GROUND (IN FEET)

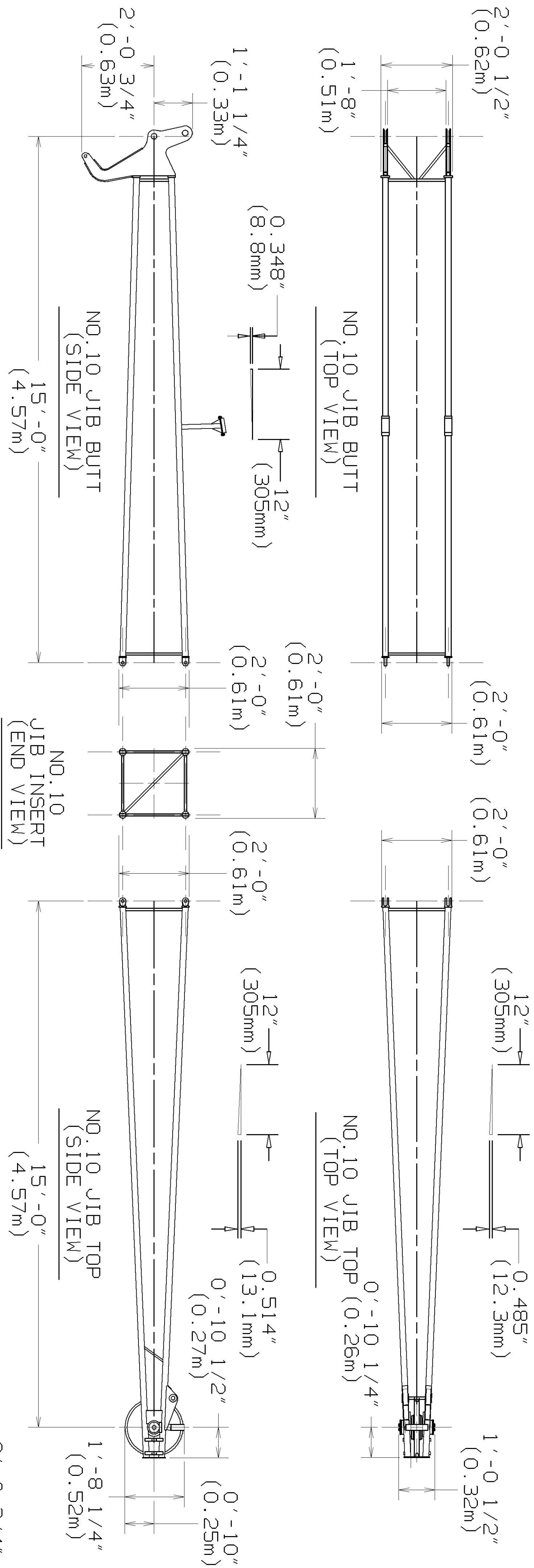
HEIGHT ABOVE GROUND IN METERS

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

DISTANCE FROM $\varnothing$ ROTATION (IN FEET)

14'-6"
(4.43m)
TAILSING
(SERIES B)
COUNTERTIGHT
3'-2"
(1.0m)
8'-3"
(2.53m)
 $\varnothing$ ROTATION

DATE	06-23-03	1/31	1/31	DATE
DRAWING NO.	A08311	REVISED	REVISED	
BY	JRR	DESIGNED	DESIGNED	
CHECKED	JRR	CHECKED	CHECKED	
APPROVED	JRR	APPROVED	APPROVED	
PROJECT	NO. 222 BOOM & NO. 10 JIB	PROJECT	PROJECT	



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 -

A. CAPACITY CHARTS

B. RANGE CHART

C. LOAD LINE SPECIFICATIONS

D. RIGGING DRAWING

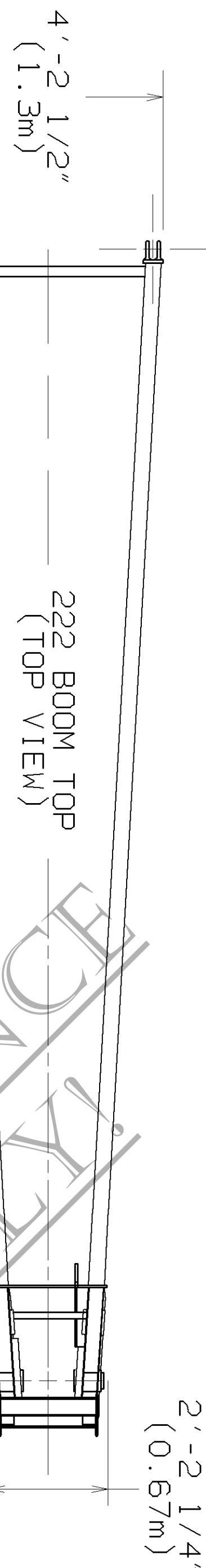
E. OUTLINE DIMENSIONS

NOTE 3 - FOR PLANNING LIFTS WHERE CLEARANCES ARE LIMITED AND ACCURACY IS DESIRED. A DETAIL LAYOUT SHOULD BE PREPARED.

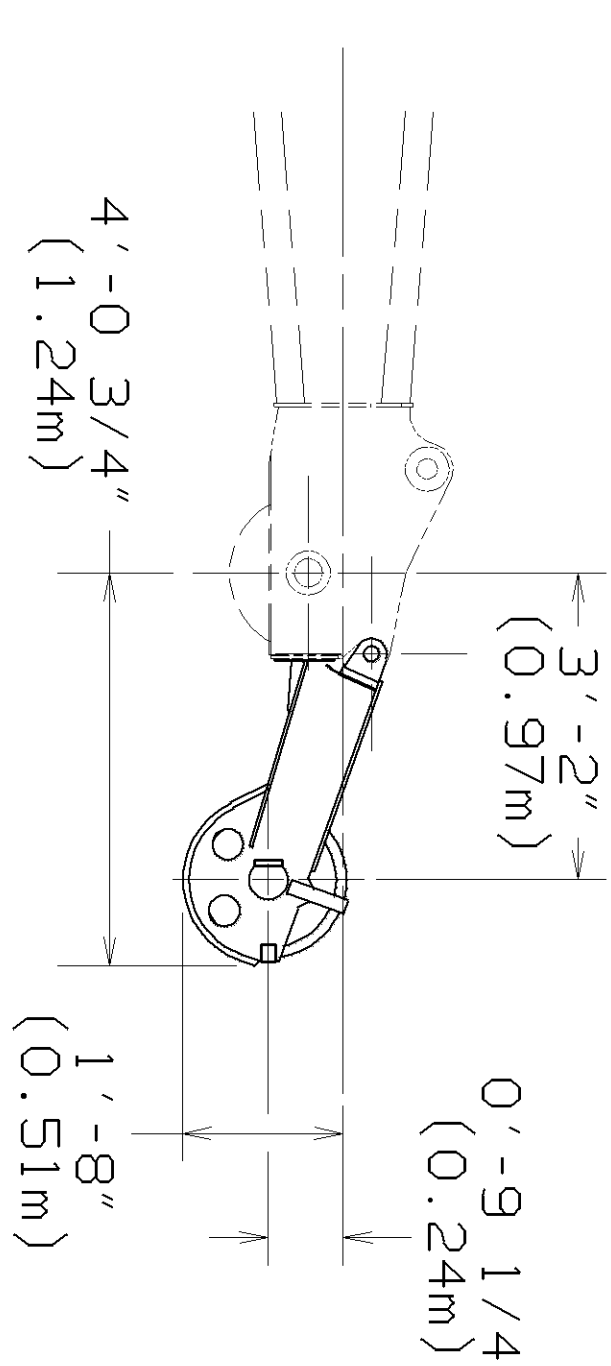
NOTE 4 - DISTANCE OF MANITOWOC LOAD BLOCK TO BOOM POINT BASED ON 2-1/2 DEGREE FLEET ANGLE OR PHYSICAL LIMITATIONS.

NOTE 5 - WHEN EQUIPPED WITH HOIST LINE LIMIT SWITCH. CONTACT FACTORY FOR LOAD BLOCK TO BOOM POINT MINIMUM DISTANCE.

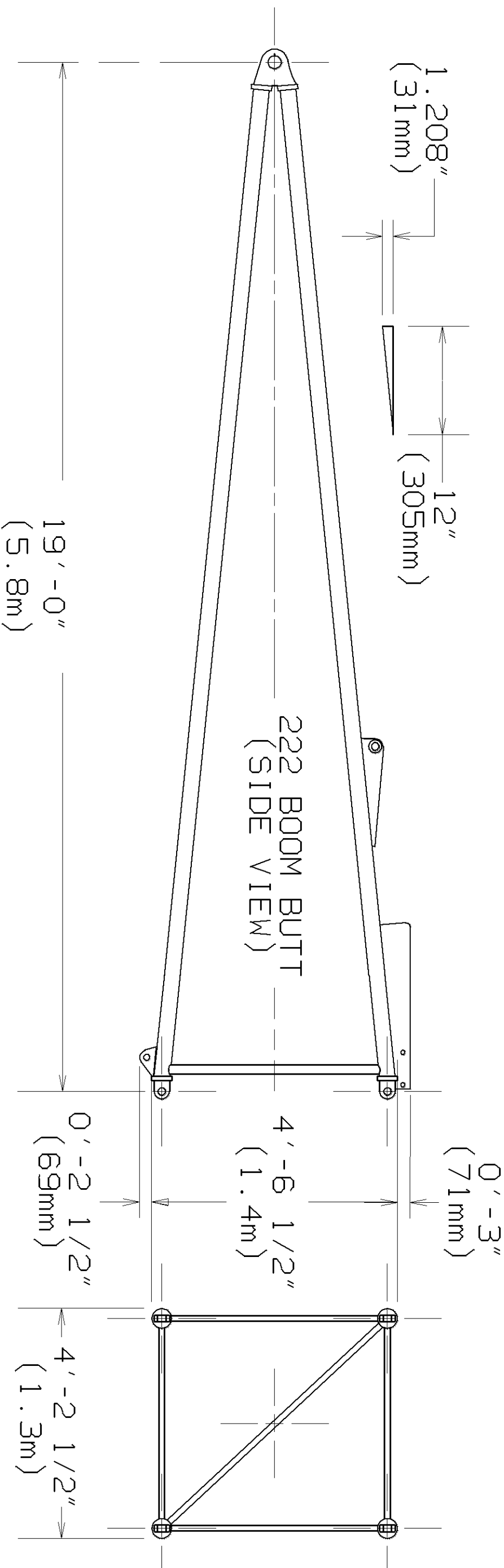
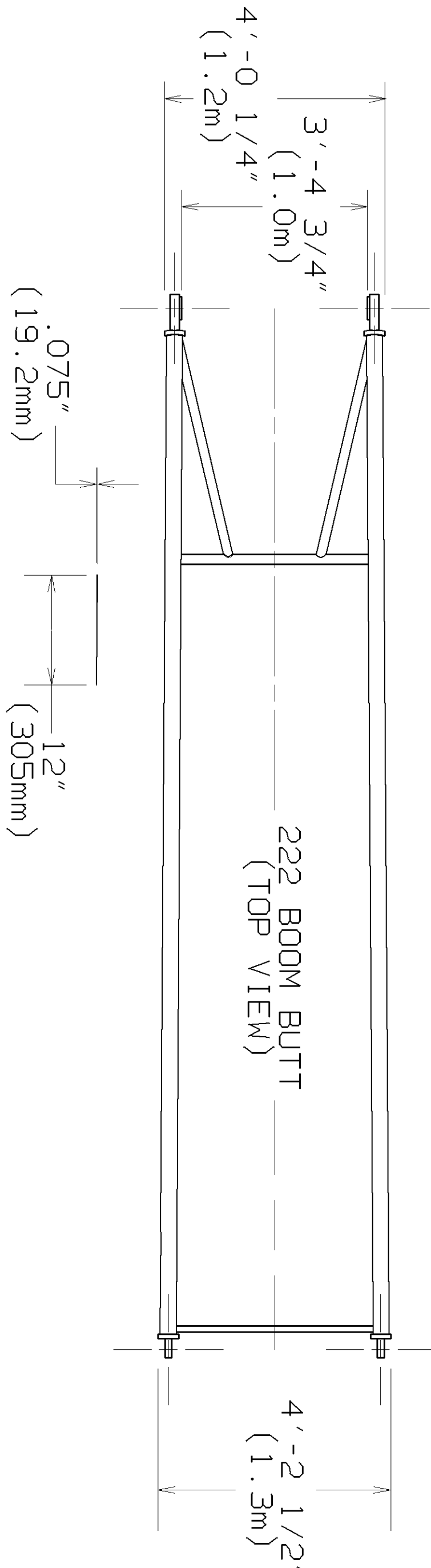
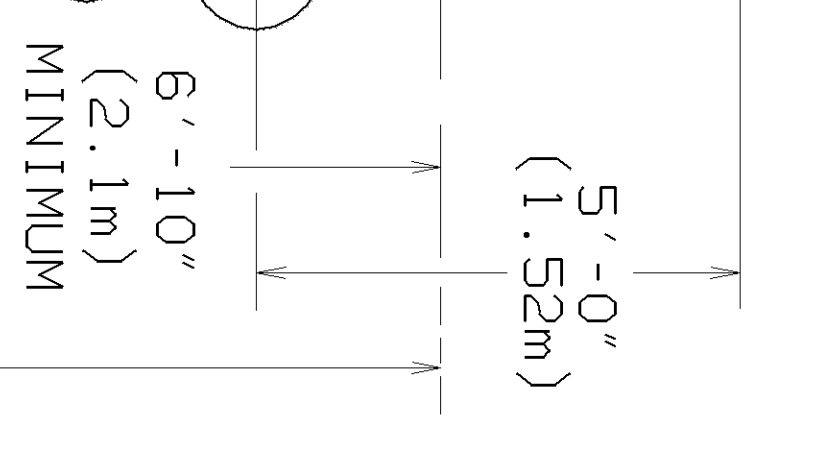
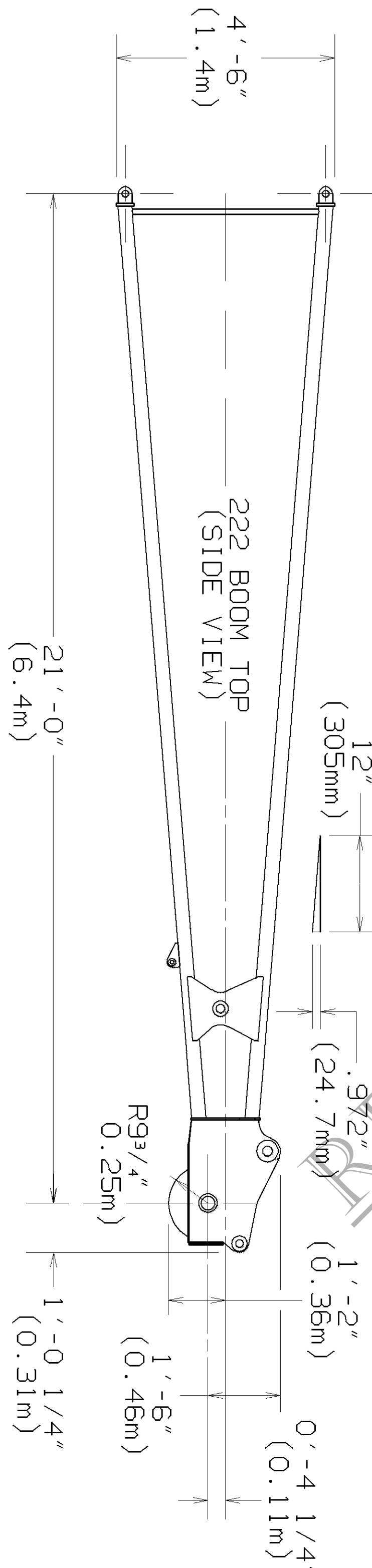
NOTE 6 - MAXIMUM BOOM ANGLE 82 DEGREES FOR 222 BOOM WITH STRAIGHT TOP.



UPPER BOOM POINT (SIDE VIEW)



UPPER BOOM POINT (TOP VIEW)



NO. 222 BOOM INSERT (END VIEW)

DATE	SCALE	MANITOWOC CRANES, INC.	REVISION DATE
06-23-03	1/8" = 1'	Manitowoc, Wisconsin	
DRAWING NO.	REV	DESCRIPTION	
A08311	1	NO. 222 BOOM & NO. 10 JIB	
APP	JRR		