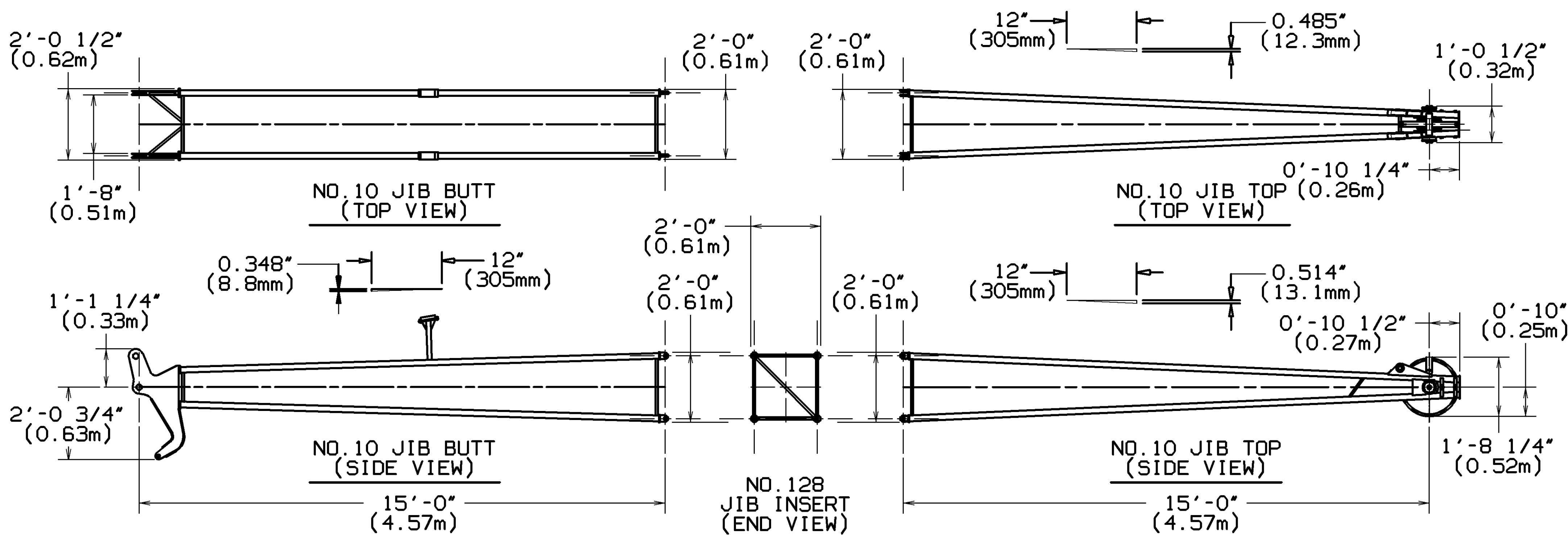
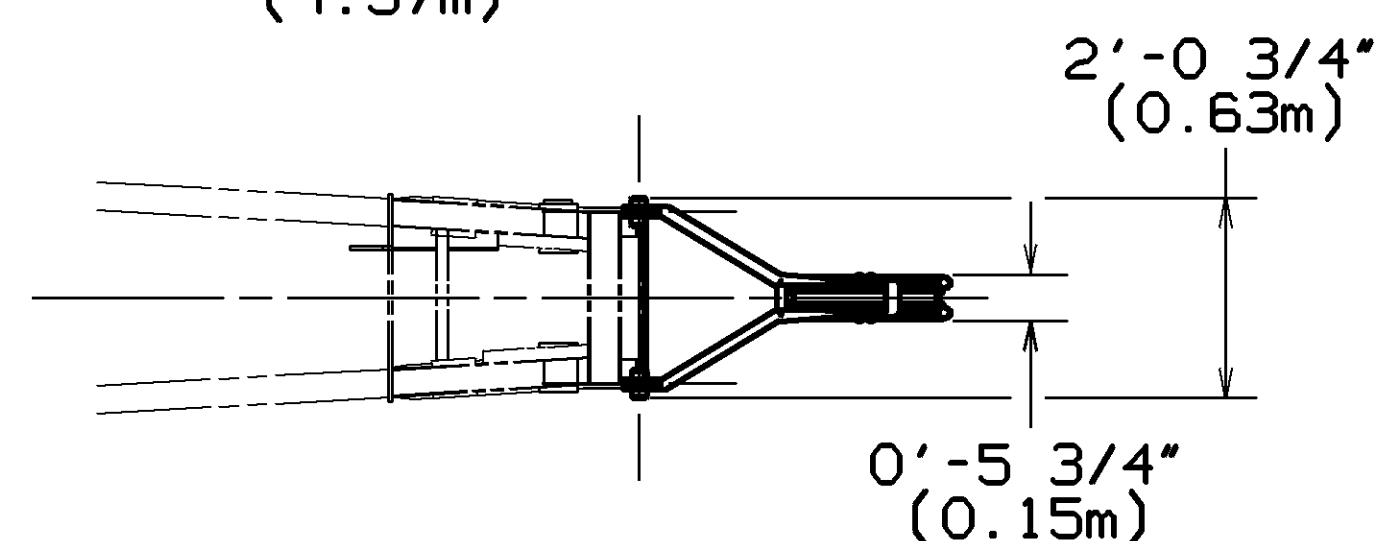
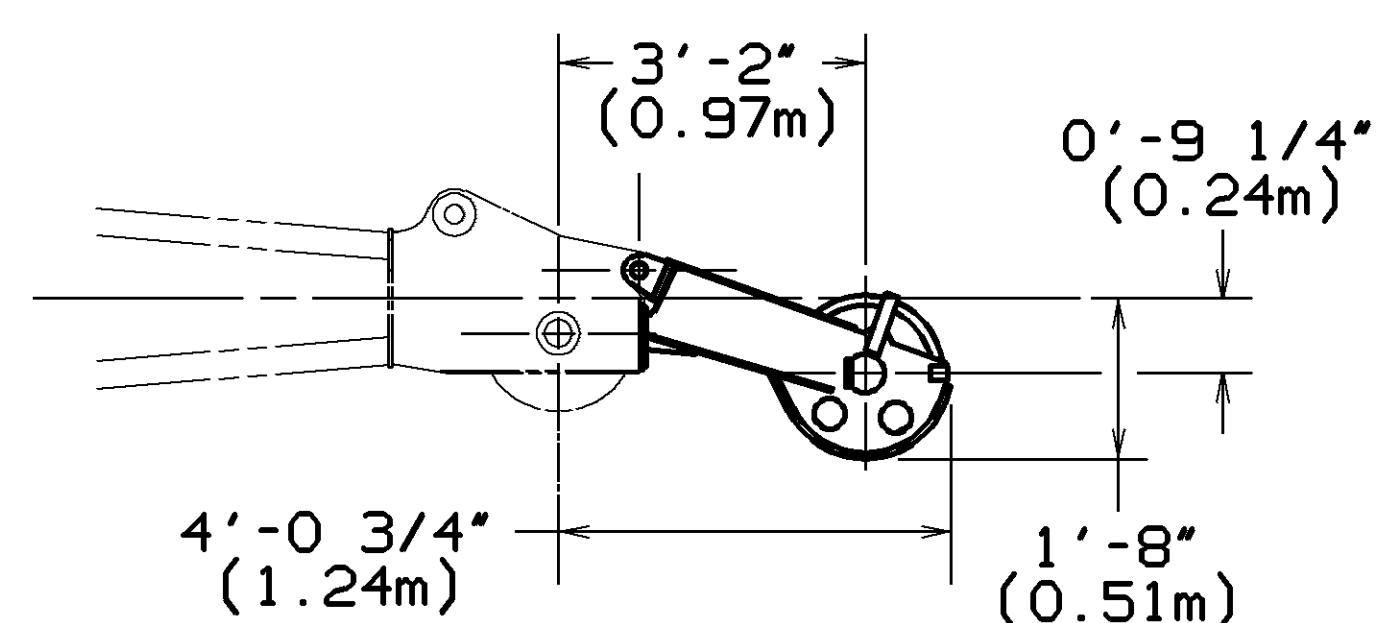




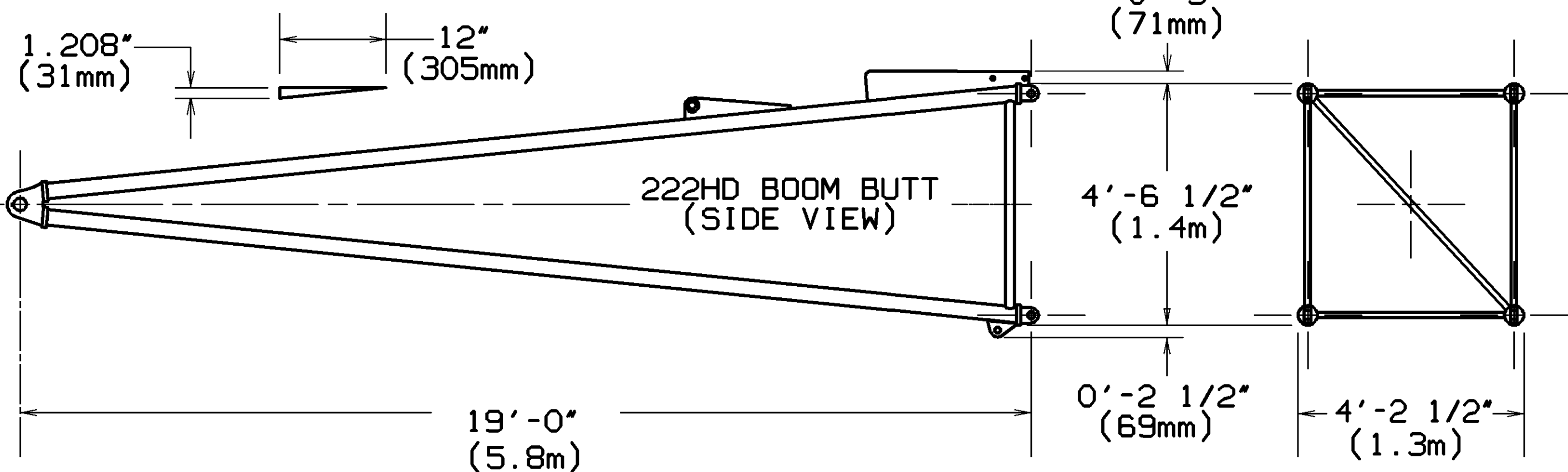
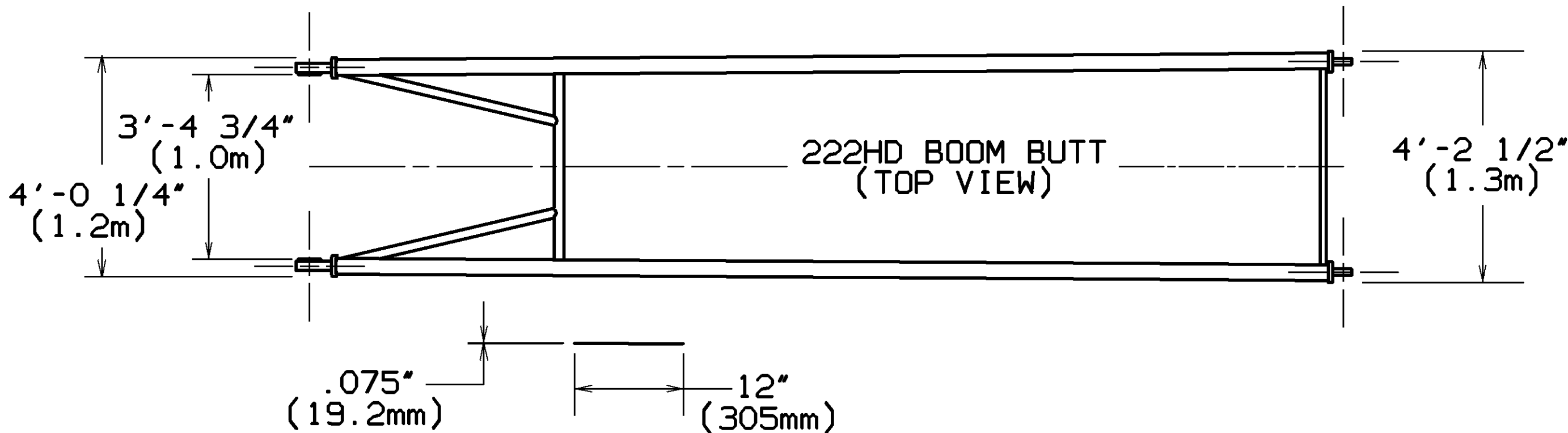
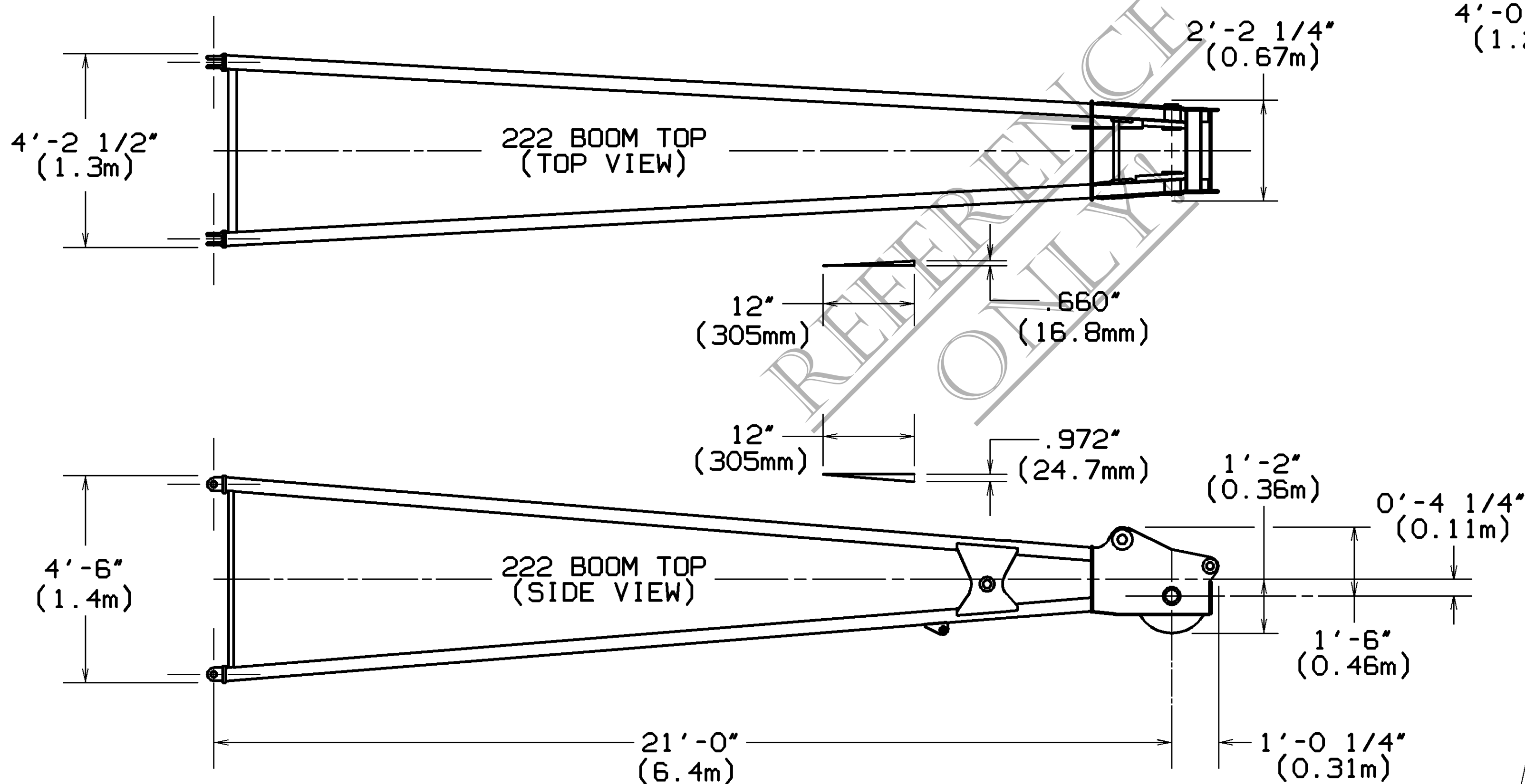
- NOTE 1** - THIS DRAWING IS INTENDED ONLY AS A GUIDE TO ASSIST IN JOB PLANNING.
- NOTE 2** - FOR PLANNING A LIFT. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH APPROPRIATE -
 A. CAPACITY CHARTS
 B. RANGE CHART
 C. LOAD LINE SPECIFICATIONS
 D. RIGGING DRAWING
 E. OUTLINE DIMENSIONS
- NOTE 3** - FOR 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 222HD/222 BOOM.



UPPER BOOM POINT (TOP VIEW)



UPPER BOOM POINT (SIDE VIEW)



100 U.S. TON (90.7 Mt)
 BLOCK TO BOOM POINT
 MINIMUM DISTANCE
 NO. 222HD/222 BOOM
 10 PARTS OF LINE

MINIMUM DISTANCE OF MANITOWOC
 LOAD BLOCK TO BOOM POINT
 SHOWN ABOVE FOR 222 BOOM TOP BASED ON
 82 DEGREE BOOM ANGLE AND 2 1/2 DEGREE
 FLEET ANGLE OR PHYSICAL LIMITATION.