

LR1300 CRAWLER CRANE  
 134' MAIN BOOM NO. 2821  
 207,200 LBS CTWT UPPER (REDUCED)  
 125,700 LBS CTWT CARBODY  
 360° CHART

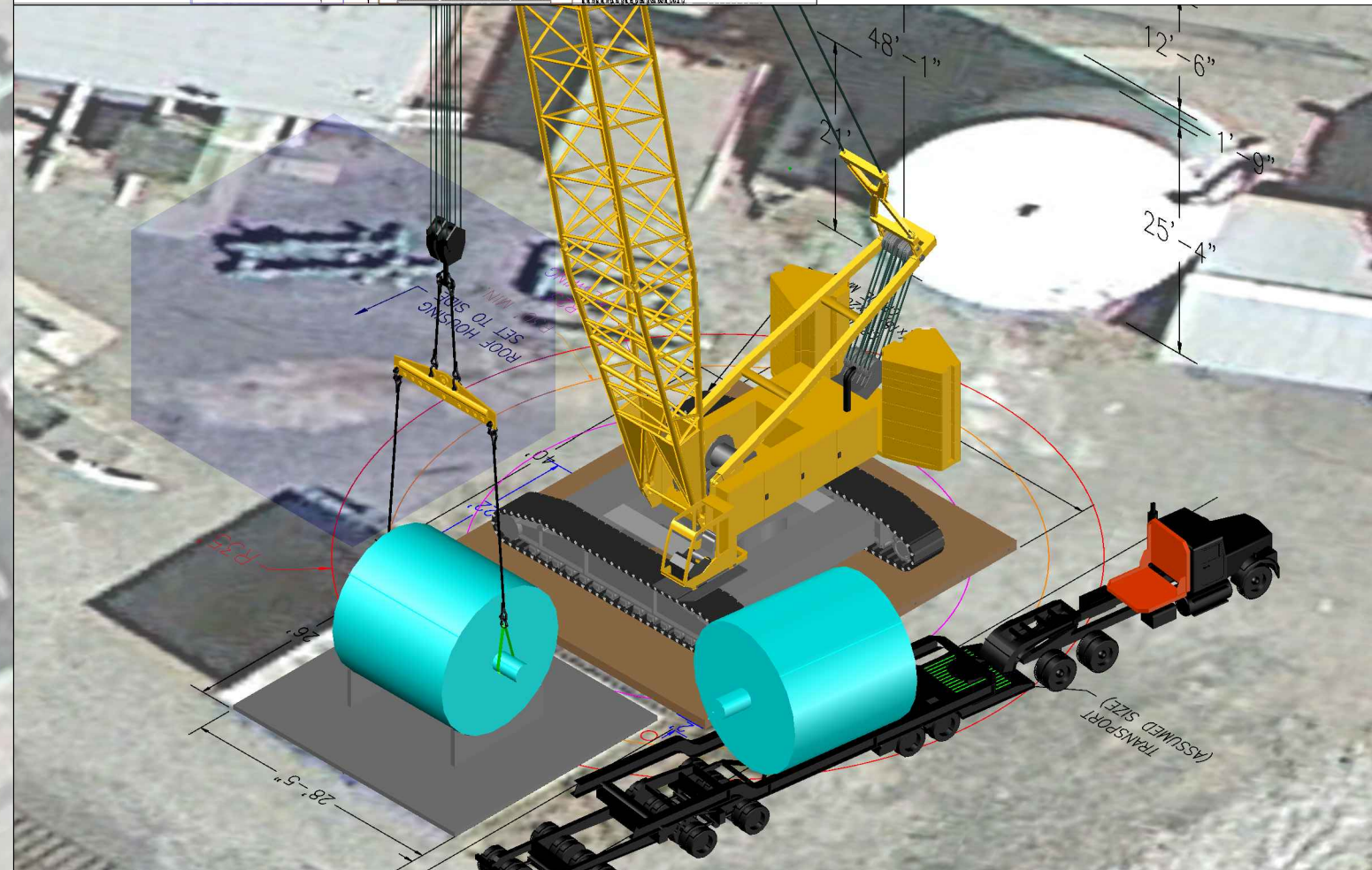
DRYER  
 PICK WEIGHT: 235,000 LBS  
 HOOK BLOCK: 6,200 LBS  
 RIGGING: 6,500 LBS\*  
 LOAD LINE: 1,917 LBS†  
 TOTAL WEIGHT: 249,617 LBS

AT PICK & SET RADII  
 CAPACITY @ 35': 307,400 LBS  
 PERCENT CAPACITY: 81.2%

\*SEE RIGGING DETAIL, SHEET 2

†9 PARTS LINE x 91' x 2.34 LB/FT=1,917 LBS

GROUND BEARING: MAXIMUM PRESSURE  
 UNDER 1 LAYER OF CRANE MATS: 14.5 PSI



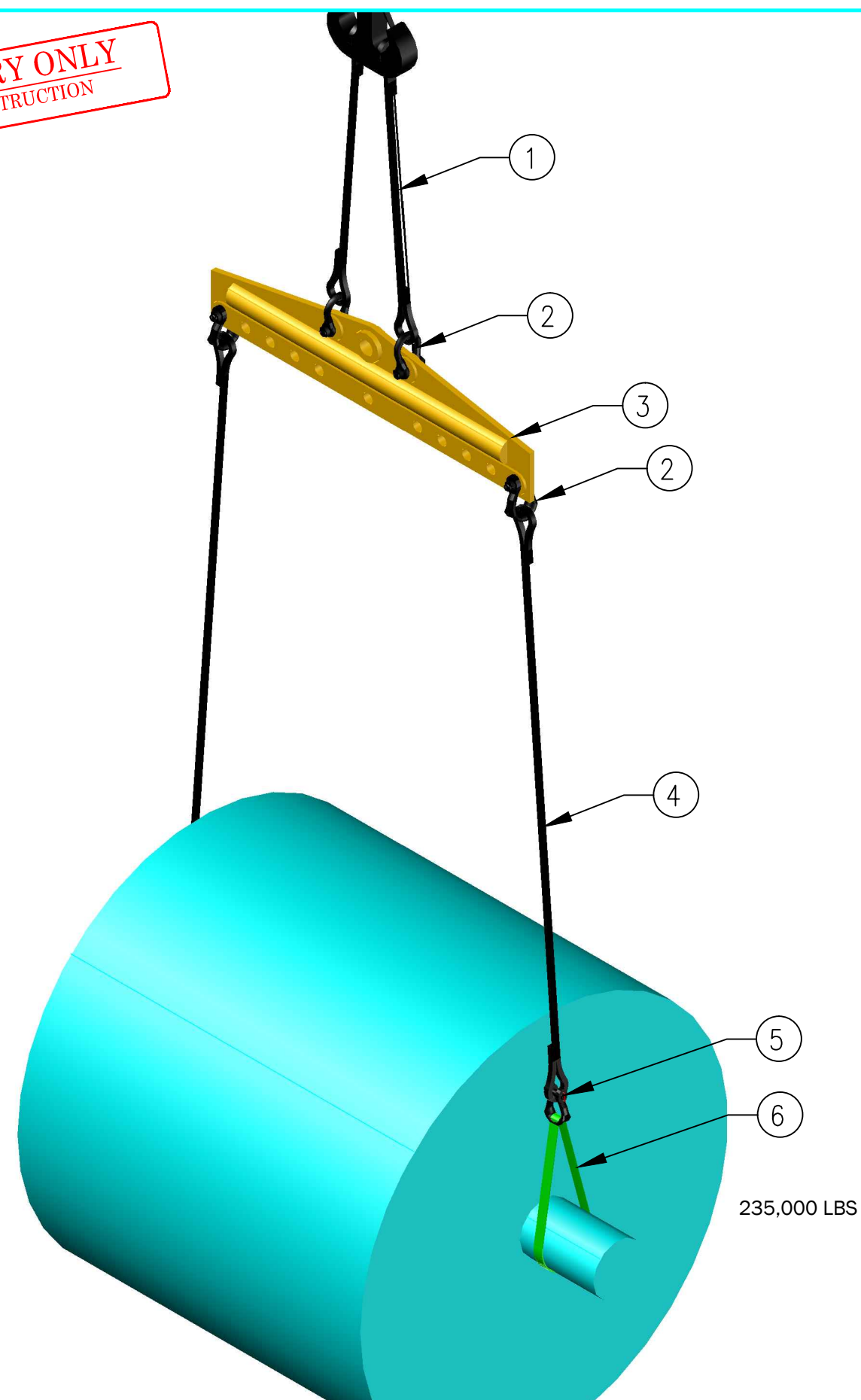
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1	11.28.12	ISSUE FOR REVIEW
2	12.5.12	wt: 235,000#
3		
4		
5		
No.	Date	Revision

Project: CR MEYER DRYER LIFT CRANE PLAN  
 Date: 11.28.12 Drawn By: MS Scale: NTS

Dwg Title: LR1300 CRAWLER CRANE 134' MAIN BOOM 207,200 LBS CTWT UPPER 125,700 LBS CTWT CARBODY  
 Dwg No.: MC22874HL Sht No.: 1

**PRELIMINARY ONLY**  
NOT FOR CONSTRUCTION



**RIGGING DETAILS**

ITEM	QTY	DETAILS	WT.(LBS)
1	2	2"Ø WIRE ROPE SLINGS x 10'	148*
2	4	120T W.B. SHACKLES	1,060
3	1	13' SPREADER BAR (350T)	4,400
4	2	2"Ø WIRE ROPE SLINGS x 20'	296**
5	2	120T W.B. SHACKLES	530
6	2	15' TWINPATH SLINGS(120K CAP.EA.)	65

TOTAL: 6,499 LBS (USE 6,500 LBS)

**SLING CHECKS:**

\*TOP SLING ANGLE: 85°  
P=120,000 EA. SLING  
TENSION = 120,000# / SIN 85° = 120,458 ~ 120,500 LBS REQUIRED  
2"Ø WIRE ROPE SLING, CAPACITY: 146,000 LBS

\*\*BOTTOM SLING ANGLE: 87°  
P=118,000 EA. SLING  
TENSION = 118,000# / SIN 87° = 118,162 ~ 118,200 LBS REQUIRED  
2"Ø WIRE ROPE SLING, CAPACITY: 146,000 LBS

**NOTE:** WITH INCREASE IN WEIGHT TO 235,000 LBS, BOTTOM 55 TON WIDE BODY SHACKLES ARE NOW 120T W.B. AS WELL.

1	11.28.12	ISSUE FOR REVIEW
2	12.6.12	wt: 235,000#
3		
4		
5		
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