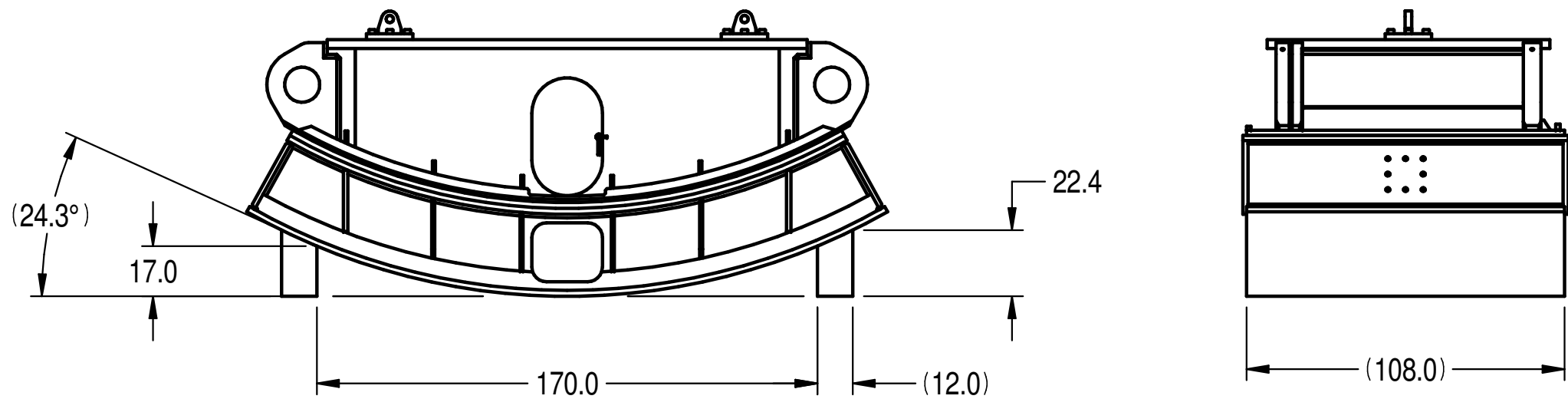
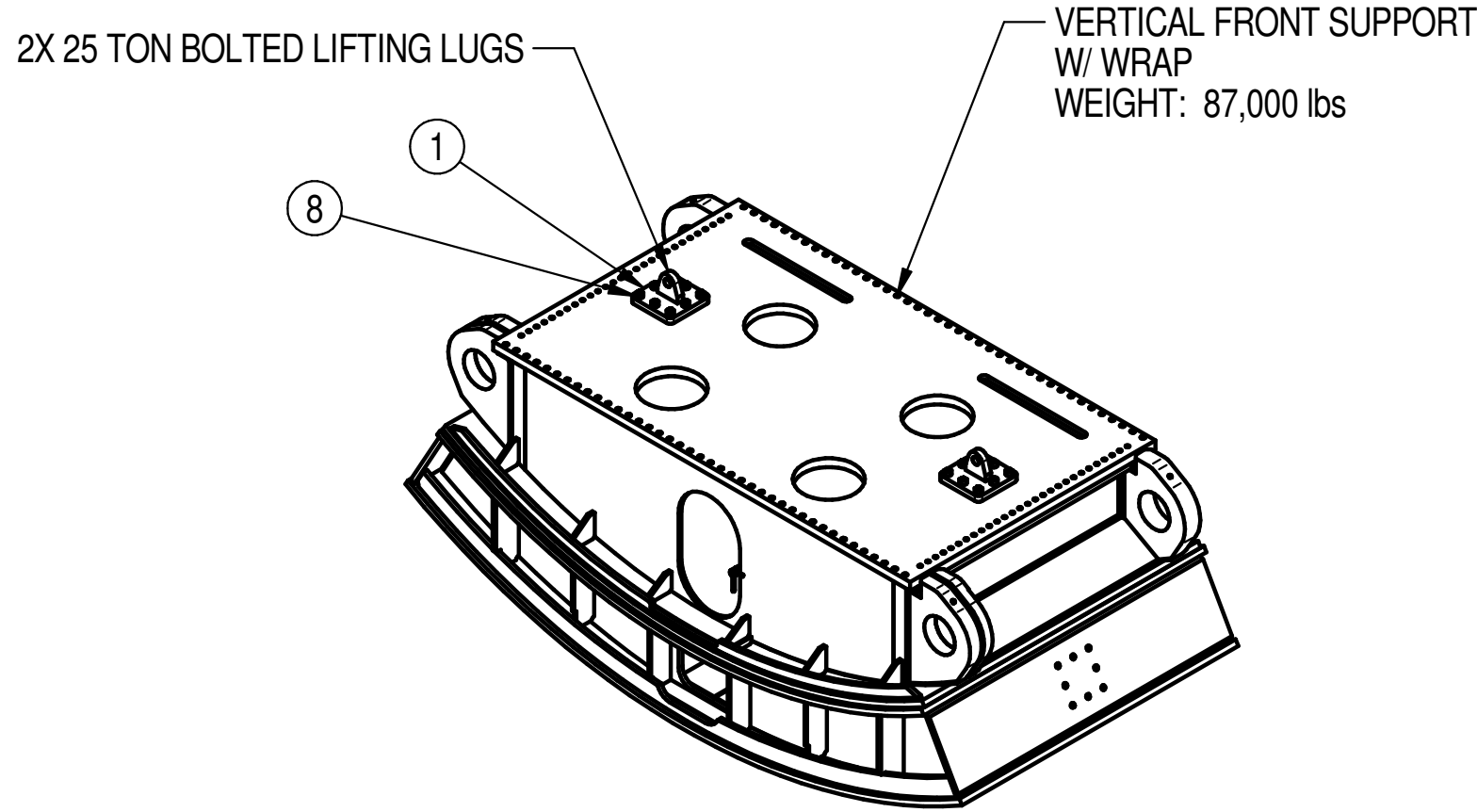


D



BRACING FOR VERTICAL
FRONT SUPPORT ON FLAT
ASSEMBLY PAD

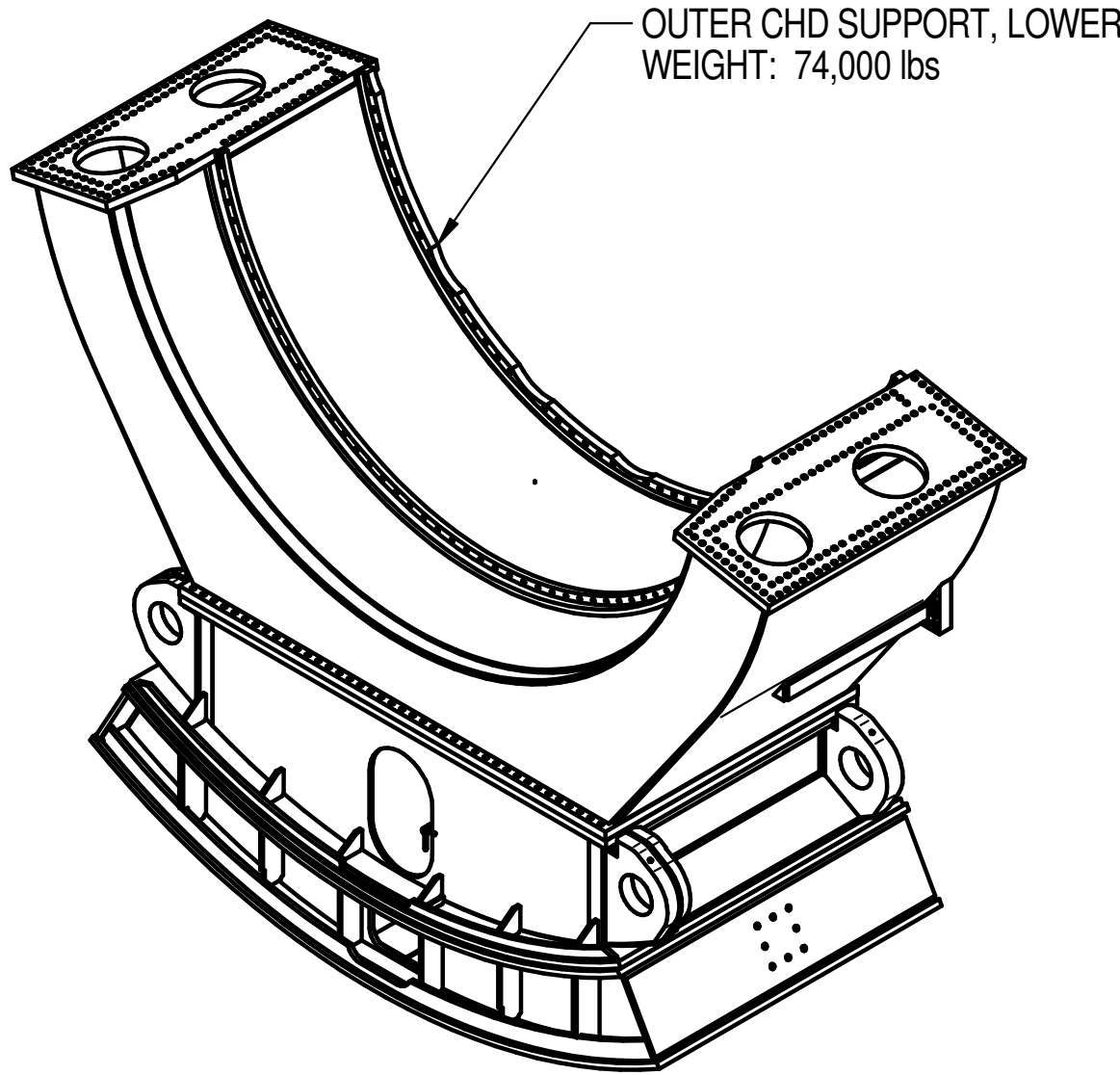
C



TOTAL WEIGHT: 87,000 lbs

B

A



TOTAL WEIGHT: 161,000 lbs

1

1

QTY	PART No.	DESCRIPTION	DWG No.	WT. Total (kgs)	ITEM
2	1099935	LIFTING LUG, 25 TON BOLT ON	1099935	312.4	1
4	1127568	LIFTING LUG, 25 TON BOLT ON	1127568	213.3	2
2	1129777	LIFTING LUG, 35T	1129777	211.4	4
2	1129776	LIFTING LUG, 35T	1129776	216.2	5
2	1130531	LIFTING LUG, 12 TON BOLT ON	1130531	55.6	6
2	1130534	LIFTING LUG, 12 TON BOLT ON	1130543	55.6	7
16	A22153-91208	SHCS, M36x120mm C10.9	A22153	53.1	8
24	A22153-80908	SHCS, M30x90mm C10.9	A22153	42.6	9*
2	608-484	HHCS, Ø1-1/4"-7 UNCx6-1/2" G8	608-001to905	5.8	10*
16	608-483	HHCS, Ø1-1/4"-7 UNCx6" G8	608-001to905	43.7	11
3	625-012	NUT, Ø1-1/4"-7 UNC G8	625-001to021	1.9	12*
12	608-480	HHCS, Ø1-1/4"-7 UNCx4-1/2" G8	608-001to905	27.4	13*

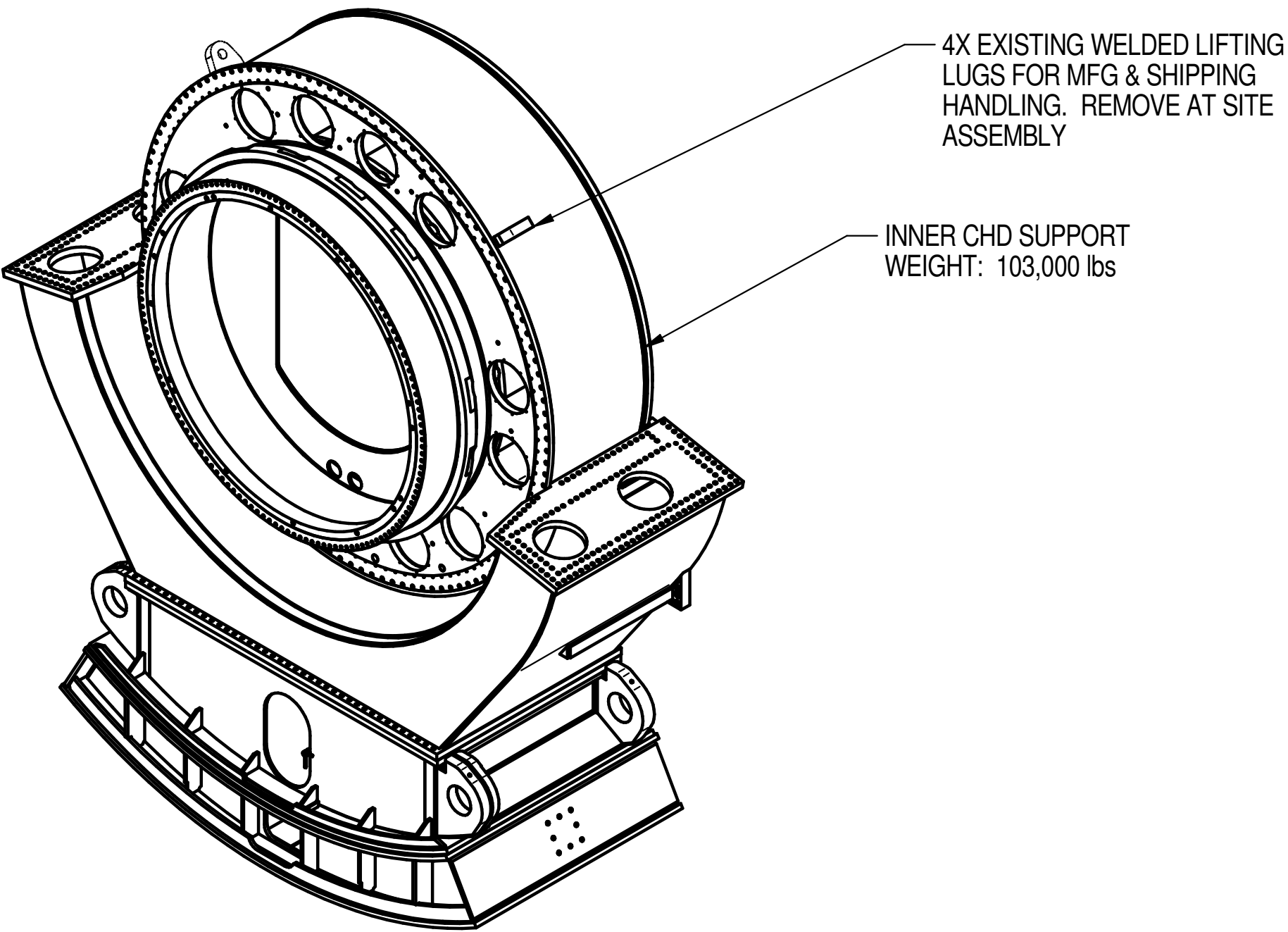
D

C

1129604

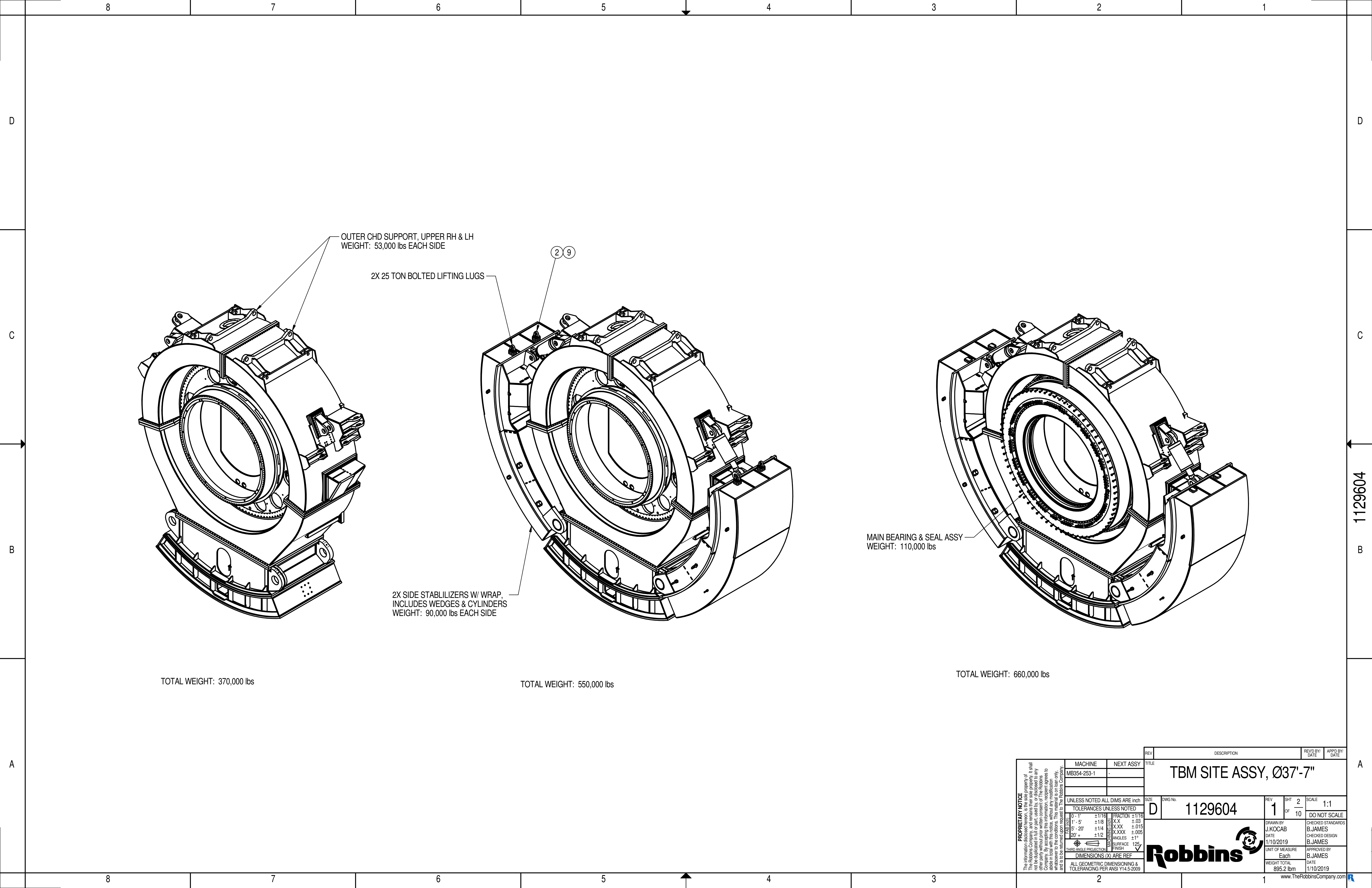
B

A



TOTAL WEIGHT: 264,000 lbs

1 REMOVE ITEMS 4 THRU 7; REMOVE ITEMS 10 THRU 13 ADD APPROVED BY DATE IN TITLE BLOCK; UPDATE VIEWS		B.JAMES 6/24/19	B.JAMES 6/24/19
REV	DESCRIPTION	REV'D BY/ DATE	APP'D BY/ DATE
TITLE TBM SITE ASSY, Ø37'-7"			
MACHINE MB354-253-1		NEXT ASSY -	SIZE D
UNLESS NOTED ALL DIMS ARE inch		SCALE 1:50	DO NOT SCALE
TOLERANCES UNLESS NOTED		REV 1	
0 - 1" ±1/16 FRACTION ±1/16		SHT 1	
1" - 5" ±1/8 X.X ±.03		OF 10	
5" - 20" ±1/4 X.XX ±.015		DATE 1/10/2019	
20" + ±1/2 X.XXX ±.005		CHECKED STANDARDS B.JAMES	
ANGLES ±1°		CHECKED DESIGN B.JAMES	
SURFACE FINISH		APPROVED BY B.JAMES	
THRU ANGLE PROJECTION		DATE 1/10/2019	
DIMENSIONS (X) ARE REF		UNIT OF MEASURE Each	
ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009		WEIGHT TOTAL 895.2 lbm	
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TOTAL WEIGHT: 370,000 lbs

TOTAL WEIGHT: 550,000 lbs

TOTAL WEIGHT: 660,000 lbs

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MACHINE	NEXT ASSY
MB354-253-1	-
UNLESS NOTED ALL DIMS ARE inch	
TOLERANCES UNLESS NOTED	
0 - 1"	±1/16 FRACTION ±1/16
1" - 5"	±1/8 X.X ±.03
5" - 20"	±1/4 X.XX ±.015
20" +	±1/2 X.XXX ±.005
	ANGLES ±1°
	SURFACE 125
	FINISH
DIMENSIONS (X) ARE REF	
ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009	

REV	DESCRIPTION	REV'D BY/ DATE	APP'D BY/ DATE
	TBM SITE ASSY, Ø37'-7"		
SIZE	DWG No.	REV	SHT OF
D	1129604	1	2 10
SCALE		1:1	
DO NOT SCALE			
DRAWN BY		CHECKED STANDARDS	
J.KOCAB		B.JAMES	
DATE		CHECKED DESIGN	
1/10/2019		B.JAMES	
APPROVED BY		UNIT OF MEASURE	
B.JAMES		Each	
WEIGHT TOTAL		DATE	
895.2 lbm		1/10/2019	



www.TheRobbinsCompany.com

8

7

6

5

4

3

2

1

D

D

C

C

B

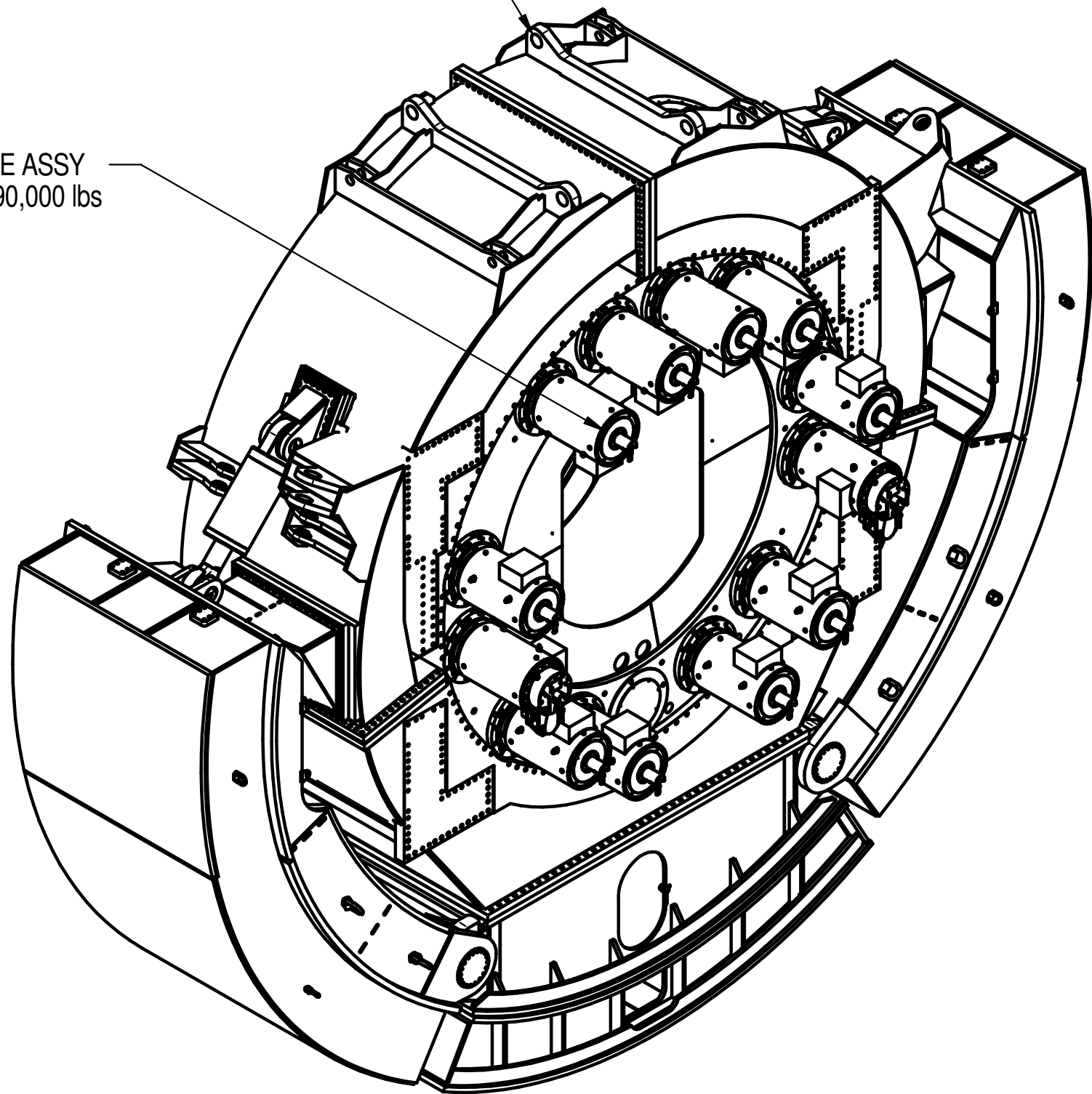
B

A

A

4X HOLES MAY BE USED WITH
85T - 120T SHACKLES

MAIN DRIVE ASSY
WEIGHT: 90,000 lbs

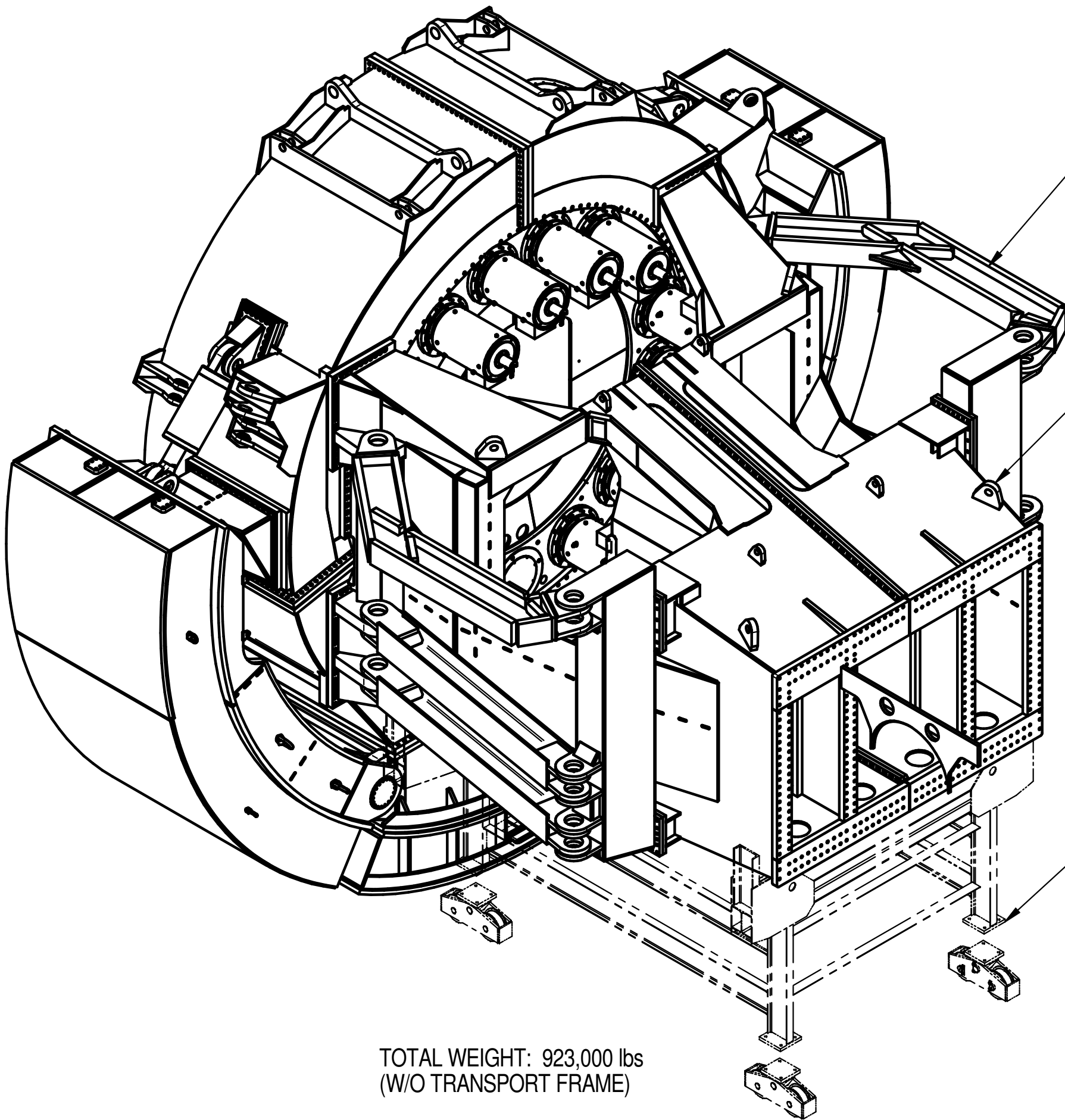


TOTAL WEIGHT: 750,000 lbs

MAIN FRAME, RH & LH
WEIGHT: 173,000 lbs TOTAL

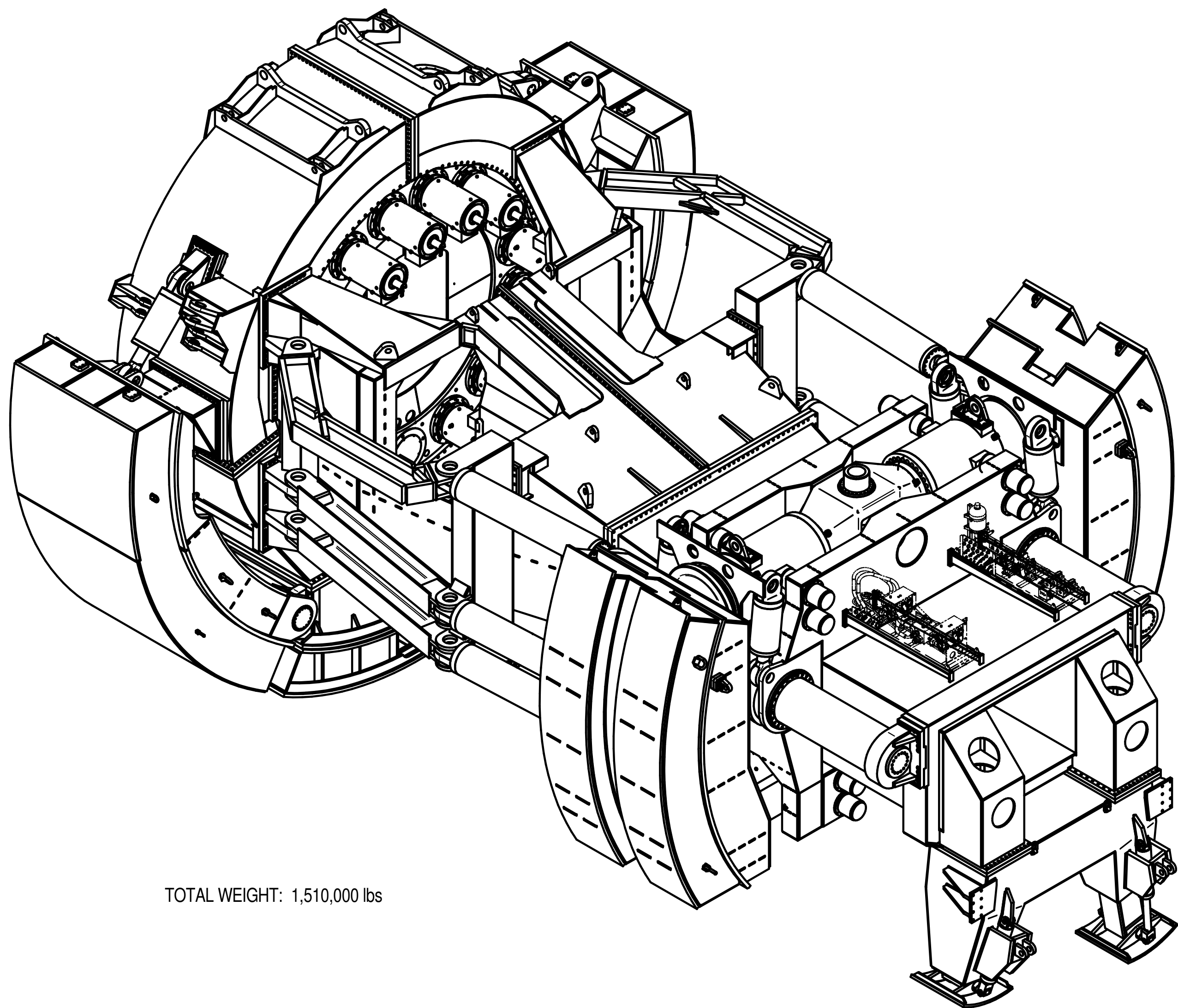
MULTIPLE PERMANENT WELDED
LIFTING LUGS

(1130206) TRANSPORT FRAME
18,500 lbs



TOTAL WEIGHT: 923,000 lbs
(W/O TRANSPORT FRAME)

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	MB354-253-1	-	TBM SITE ASSY, Ø37'-7"				
			SIZE	DWG No.	REV	SHT OF	SCALE
			D	1129604	1	3 10	1:1
			DO NOT SCALE				
			DRAWN BY		CHECKED STANDARDS		
			J.KOCAB		B.JAMES		
			DATE		CHECKED DESIGN		
			1/10/2019		B.JAMES		
			APPROVED BY		UNIT OF MEASURE		
		B.JAMES		Each			
		WEIGHT TOTAL		DATE			
		895.2 lbm		1/10/2019			
				www.TheRobbinsCompany.com			



TOTAL WEIGHT: 1,510,000 lbs

6X PROPEL CYLINDERS
WEIGHT: 7,200 lbs EACH

2X GRIPPER SHOES W/ WRAP
WEIGHT: 93,000 lbs EACH

2X EXISTING 25 TON BOLTED LIFTING LUGS

2X EXISTING 25 TON BOLTED LIFTING LUGS

REAR SUPPORT
WEIGHT: 29,000 lbs

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MACHINE	NEXT ASSY
MB354-253-1	-

UNLESS NOTED ALL DIMS ARE inch

TOLERANCES UNLESS NOTED	FRACTION	DECIMAL
0 - 1"	±1/16	±0.0625
1" - 5"	±1/8	±0.125
5" - 20"	±1/4	±0.25
20" +	±1/2	±0.5

ANGLES ±1°

SURFACE FINISH 125

DIMENSIONS (X) ARE REF

ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009

REV	DESCRIPTION	REV'D BY/ DATE	APP'D BY/ DATE

TBM SITE ASSY, Ø37'-7"

SIZE: **D** DWG No. **1129604**

REV: **1** SHT: **5** OF: **10** SCALE: **1:50**

DO NOT SCALE

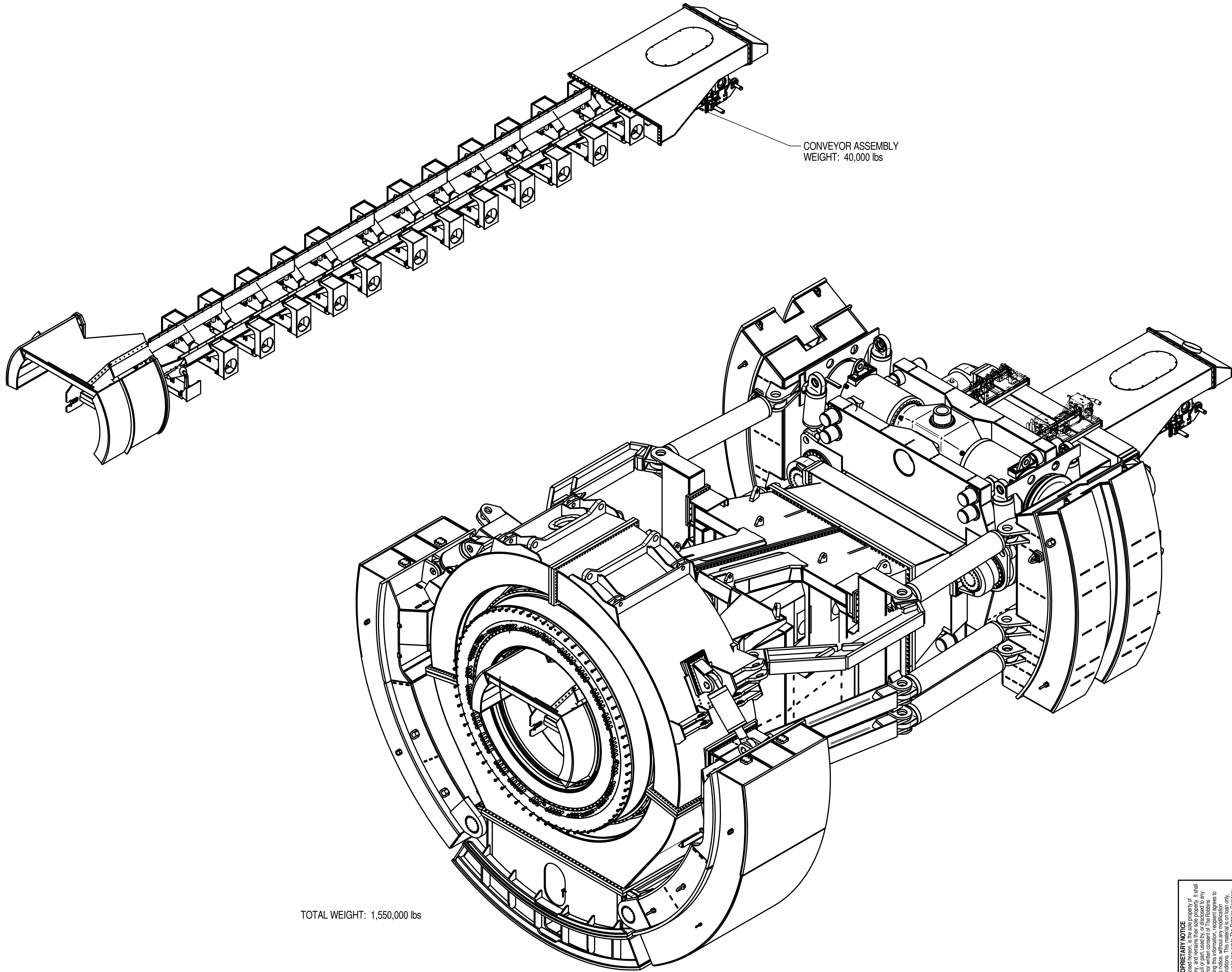
DRAWN BY: J.KOCAB
DATE: 1/10/2019

UNIT OF MEASURE: Each
WEIGHT TOTAL: 895.2 lbm

CHECKED STANDARDS: B.JAMES
CHECKED DESIGN: B.JAMES
APPROVED BY: B.JAMES
DATE: 1/10/2019

Robbins

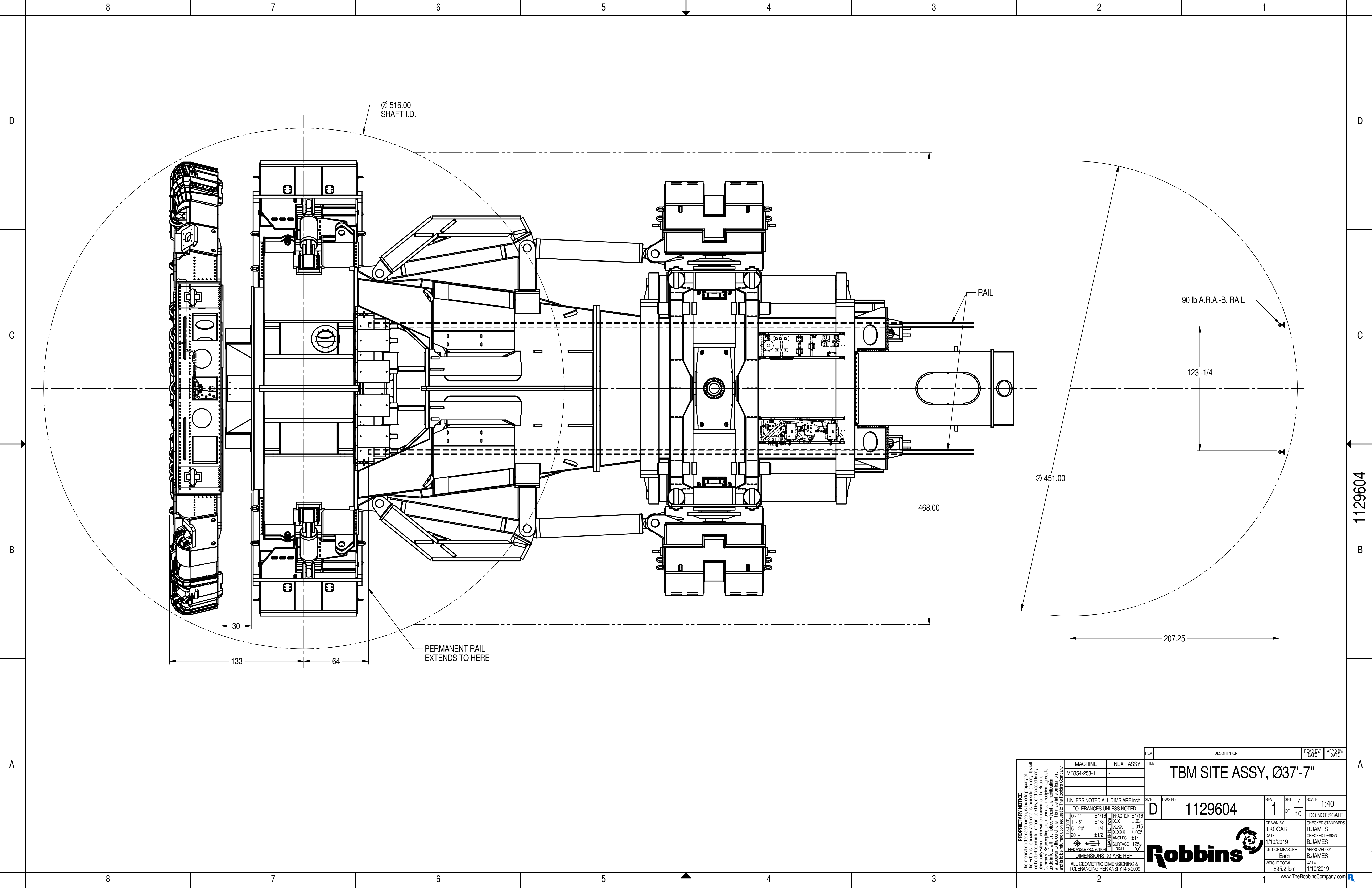
www.TheRobbinsCompany.com



CONVEYOR ASSEMBLY
WEIGHT: 40,000 lbs

TOTAL WEIGHT: 1,550,000 lbs

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	MACHINE	NEXT ASSY																							
	MB354-253-1																								
REV	DESCRIPTION	REV'D BY/ DATE	APP'D BY/ DATE																						
	TBM SITE ASSY, Ø37'-7"																								
	<table><tr><td>SIZE</td><td>DWG No.</td><td>REV</td><td>SHT</td><td>SCALE</td></tr><tr><td>D</td><td>1129604</td><td>1</td><td>6</td><td>1:40</td></tr><tr><td></td><td></td><td></td><td>OF</td><td>10</td></tr></table>	SIZE	DWG No.	REV	SHT	SCALE	D	1129604	1	6	1:40				OF	10	<table><tr><td>DATE</td><td>CHECKED STANDARDS</td></tr><tr><td>1/10/2019</td><td>B.JAMES</td></tr><tr><td></td><td>CHECKED DESIGN</td></tr><tr><td></td><td>B.JAMES</td></tr></table>	DATE	CHECKED STANDARDS	1/10/2019	B.JAMES		CHECKED DESIGN		B.JAMES
SIZE	DWG No.	REV	SHT	SCALE																					
D	1129604	1	6	1:40																					
			OF	10																					
DATE	CHECKED STANDARDS																								
1/10/2019	B.JAMES																								
	CHECKED DESIGN																								
	B.JAMES																								
	<table><tr><td>UNIT OF MEASURE</td><td>APPROVED BY</td></tr><tr><td>Each</td><td>B.JAMES</td></tr></table>	UNIT OF MEASURE	APPROVED BY	Each	B.JAMES	<table><tr><td>WEIGHT TOTAL</td><td>DATE</td></tr><tr><td>895.2 lbm</td><td>1/10/2019</td></tr></table>	WEIGHT TOTAL	DATE	895.2 lbm	1/10/2019															
UNIT OF MEASURE	APPROVED BY																								
Each	B.JAMES																								
WEIGHT TOTAL	DATE																								
895.2 lbm	1/10/2019																								
	ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009		www.TheRobbinsCompany.com																						



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MACHINE	NEXT ASSY
MB354-253-1	-

UNLESS NOTED ALL DIMS ARE inch

TOLERANCES UNLESS NOTED

0 - 1"	±1/16	FRACTION	±1/16
1" - 5"	±1/8	X.X	±.03
5" - 20"	±1/4	X.XX	±.015
20" +	±1/2	X.XXX	±.005

ANGLES ±1°

FINISH

	SURFACE	125
	FINISH	

DIMENSIONS (X) ARE REF

ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009

REV	DESCRIPTION	REV'D BY/ DATE	APP'D BY/ DATE

TBM SITE ASSY, Ø37'-7"

SIZE DWG No. **1129604**

REV **1** SHT **7** OF **10** SCALE **1:40**

DO NOT SCALE

DRAWN BY **J.KOCAB**

DATE **1/10/2019**

UNIT OF MEASURE **Each**

WEIGHT TOTAL **895.2 lbm**

CHECKED STANDARDS **B.JAMES**

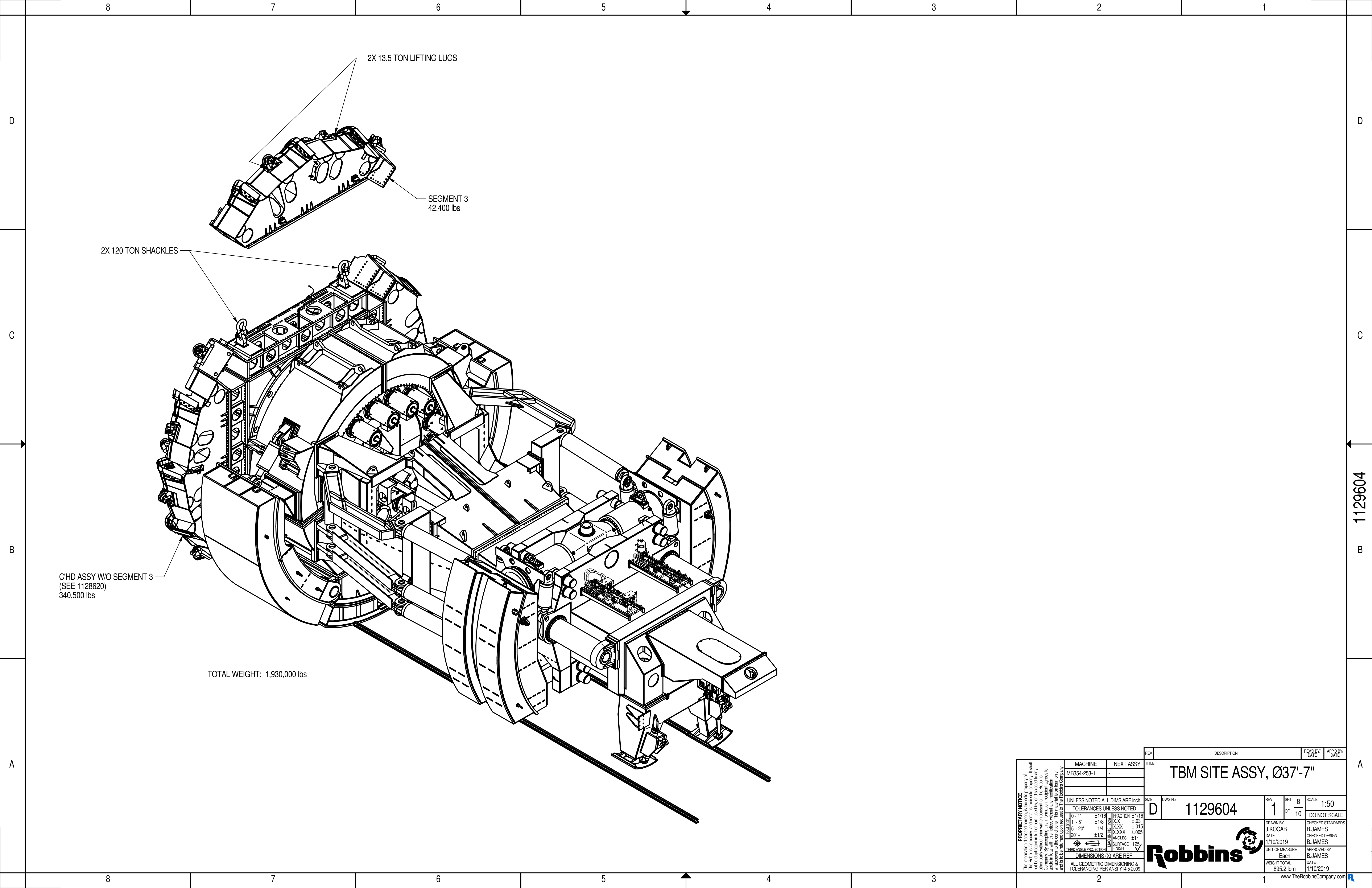
CHECKED DESIGN **B.JAMES**

APPROVED BY **B.JAMES**

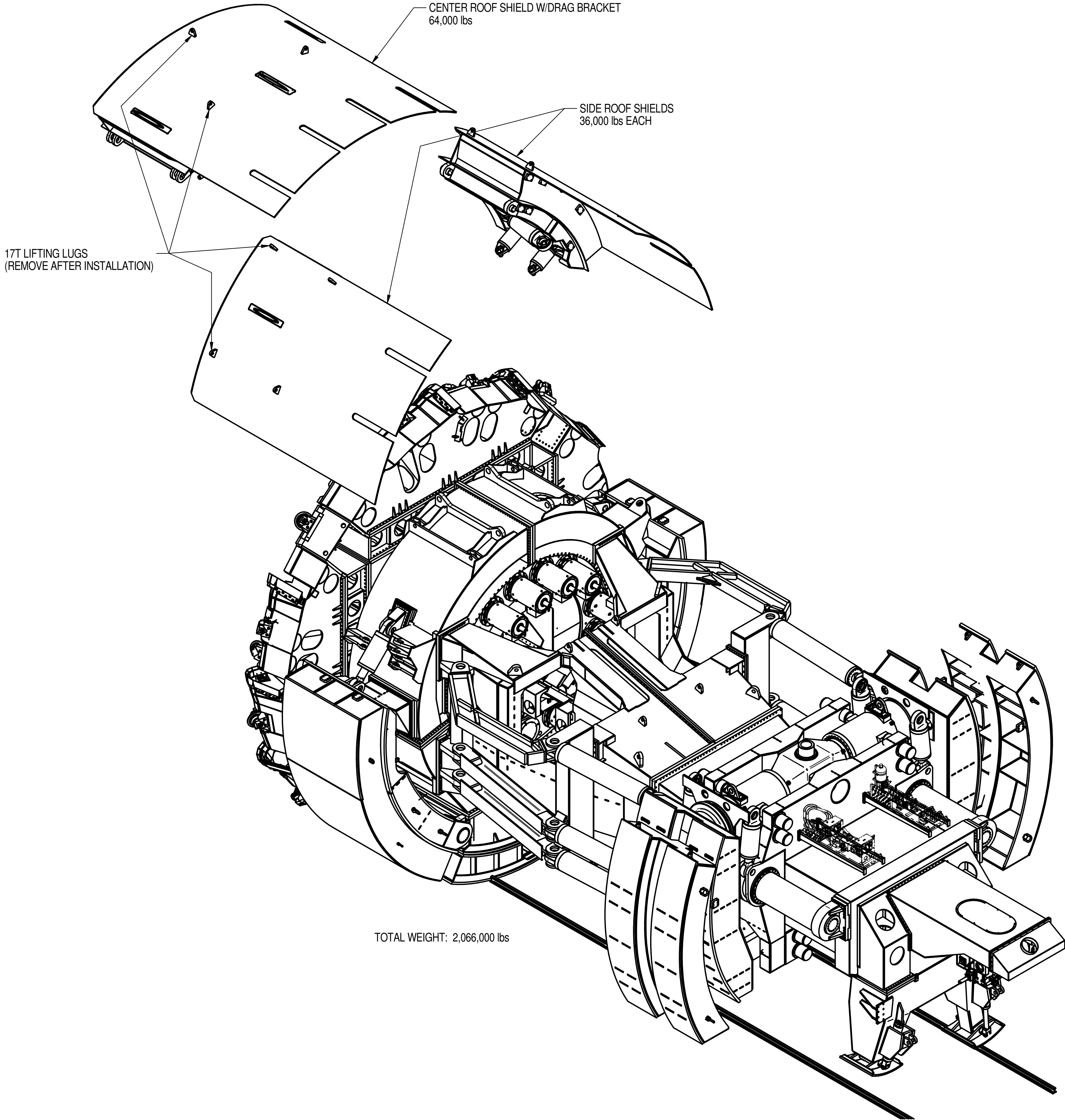
DATE **1/10/2019**

Robbins

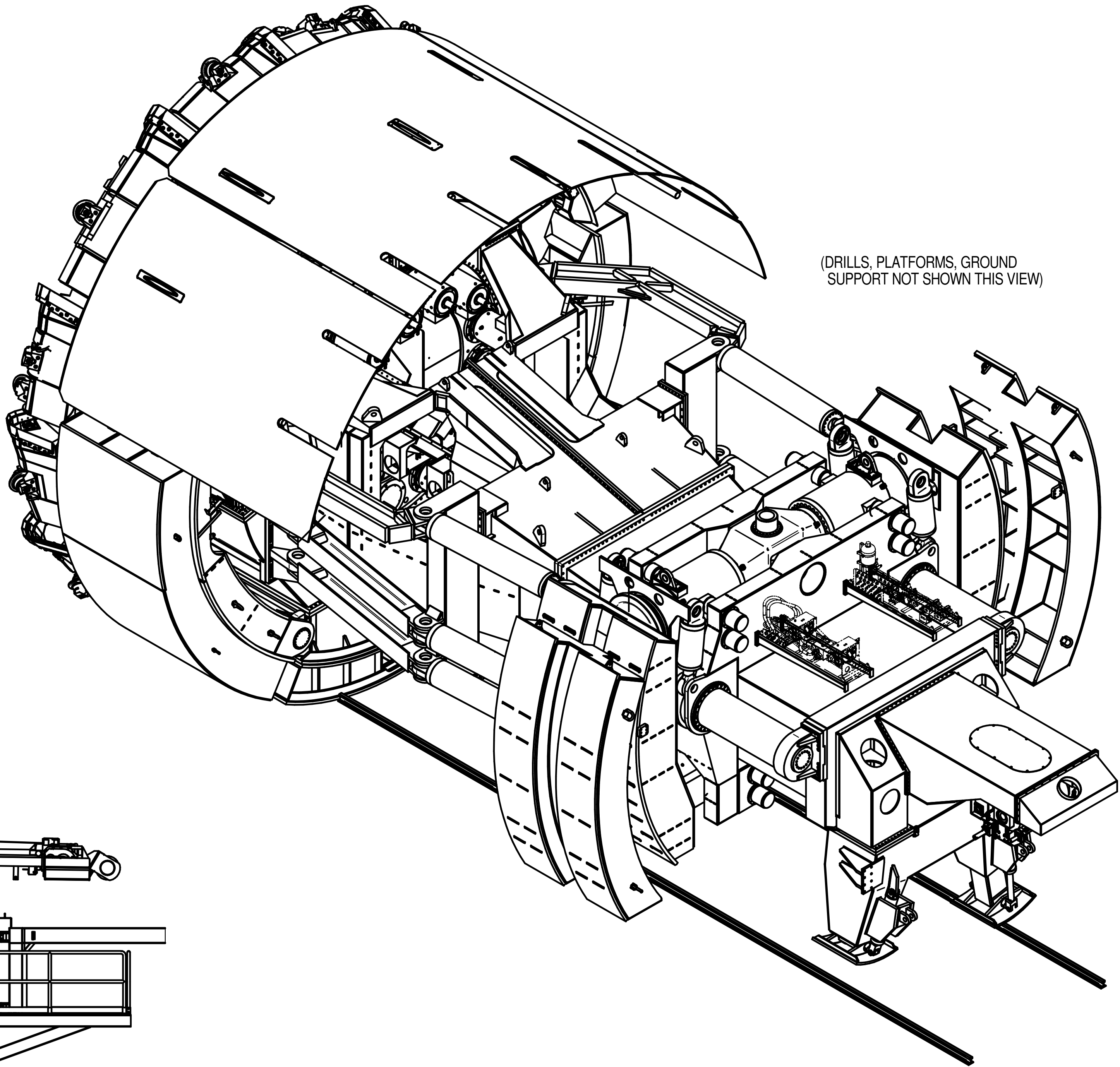
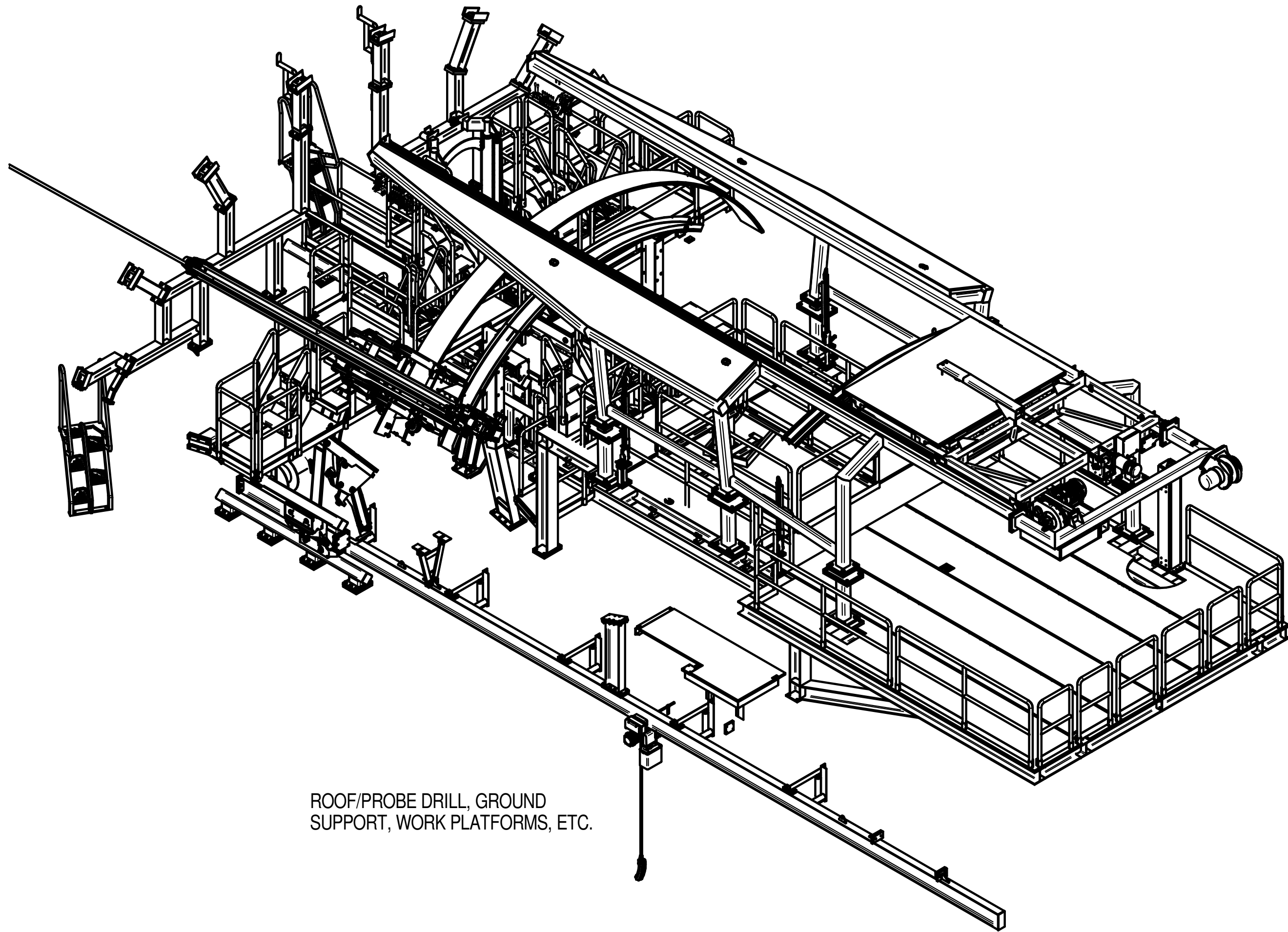
www.TheRobbinsCompany.com



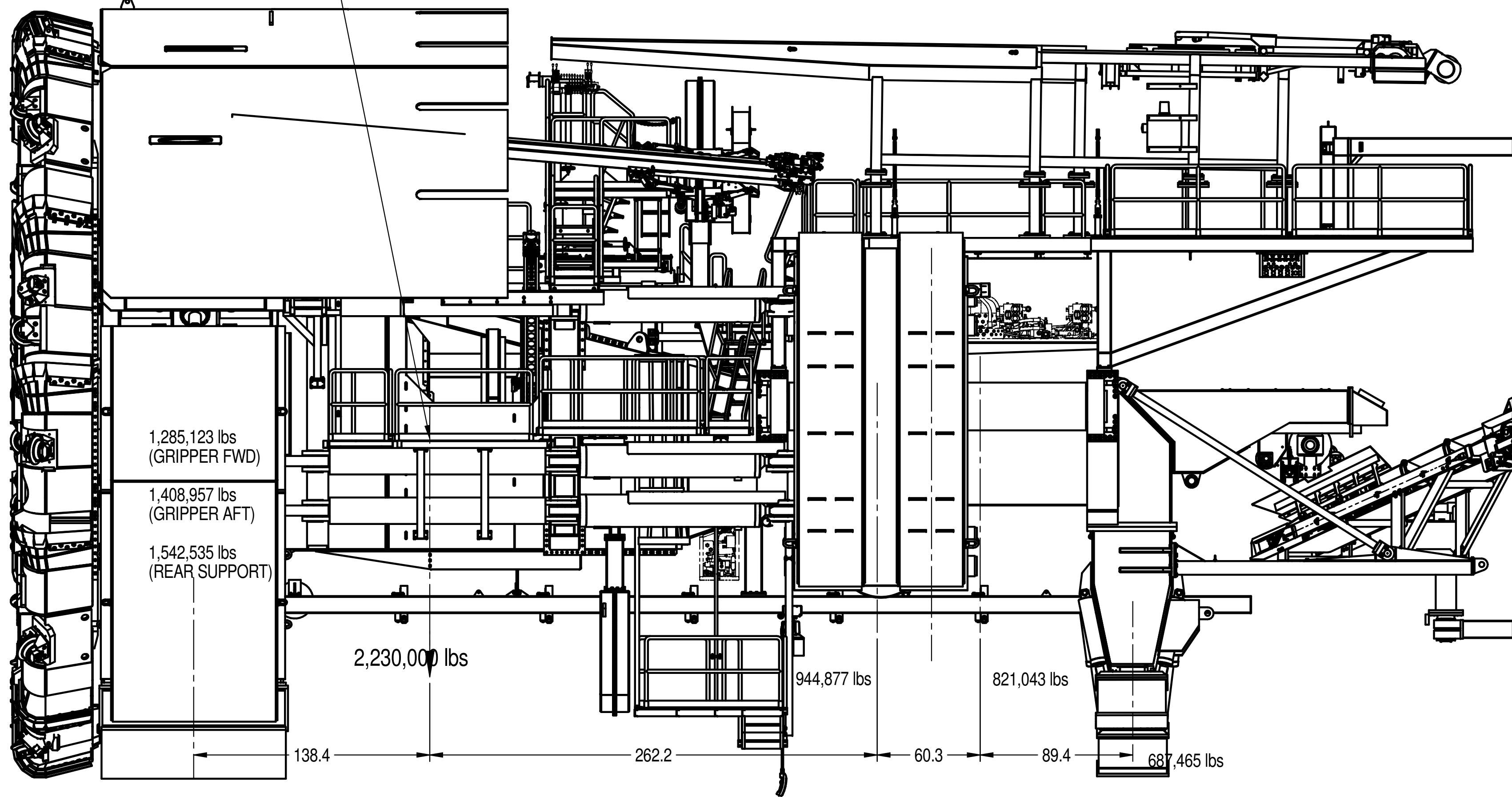
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	MB354-253-1	-	TITLE		TBM SITE ASSY, Ø37'-7"			
			SIZE	DWG No.	REV	SHT OF	SCALE	
	UNLESS NOTED ALL DIMS ARE inch		D	1129604	1	8 10	1:50	
	TOLERANCES UNLESS NOTED		DO NOT SCALE					
DIMENSIONS (X) ARE REF		ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009						
THIRD ANGLE PROJECTION		ROBBINS						
SURFACE FINISH		DRAWN BY J.KOCAB DATE 1/10/2019 UNIT OF MEASURE Each WEIGHT TOTAL 895.2 lbm						
CHECKED DESIGN B.JAMES		APPROVED BY B.JAMES DATE 1/10/2019						
		www.TheRobbinsCompany.com						



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	MB354-253-1	-	TITLE		TBM SITE ASSY, Ø37'-7"				
			SIZE	DWG No.	REV	SHT OF	SCALE		
			D	1129604	1	9 10	1:50		
			DO NOT SCALE						
UNLESS NOTED ALL DIMS ARE inch		TOLERANCES UNLESS NOTED					DRAWN BY		CHECKED STANDARDS
0 - 1' ±1/16		FRACTION ±1/16					J.KOCAB		B.JAMES
1' - 5' ±1/8		X.X ±.03					DATE		CHECKED DESIGN
5' - 20' ±1/4		X.XX ±.015					1/10/2019		B.JAMES
20' + ±1/2		X.XXX ±.005					UNIT OF MEASURE		APPROVED BY
ANGLES ±1°		SURFACE FINISH					Each		B.JAMES
THIRD ANGLE PROJECTION		DIMENSIONS (X) ARE REF					WEIGHT TOTAL		DATE
ALL GEOMETRIC DIMENSIONING & TOLERANCING PER ANSI Y14.5-2009		895.2 lbm					1/10/2019		
		www.TheRobbinsCompany.com							



C.G. POSITION BASED ON GRIPPER CARRIER AT APPROX. HALF STROKE. LOADS AT VFS, GRIPPER POSITIONS, AND REAR SUPPORT ARE APPROXIMATE



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