	Document Name	Date	Rev.	Page	Bulletin
	PRINT & PARTS LIST SUPPLEMENT	9/20/23	F	1 of 86	1162S

Hollister-Whitney Elevator Corporation

PRINT & PARTS LIST SUPPLEMENT GL101, GL131, GL171, GL171X, GL130A, GL185 and GL260 AC Permanent Magnet, Gearless Machines

With Outboard Stands

See also Bulletin 1162: Installation and Service Manual, at:

<https://www.hollisterwhitney.com/support/>




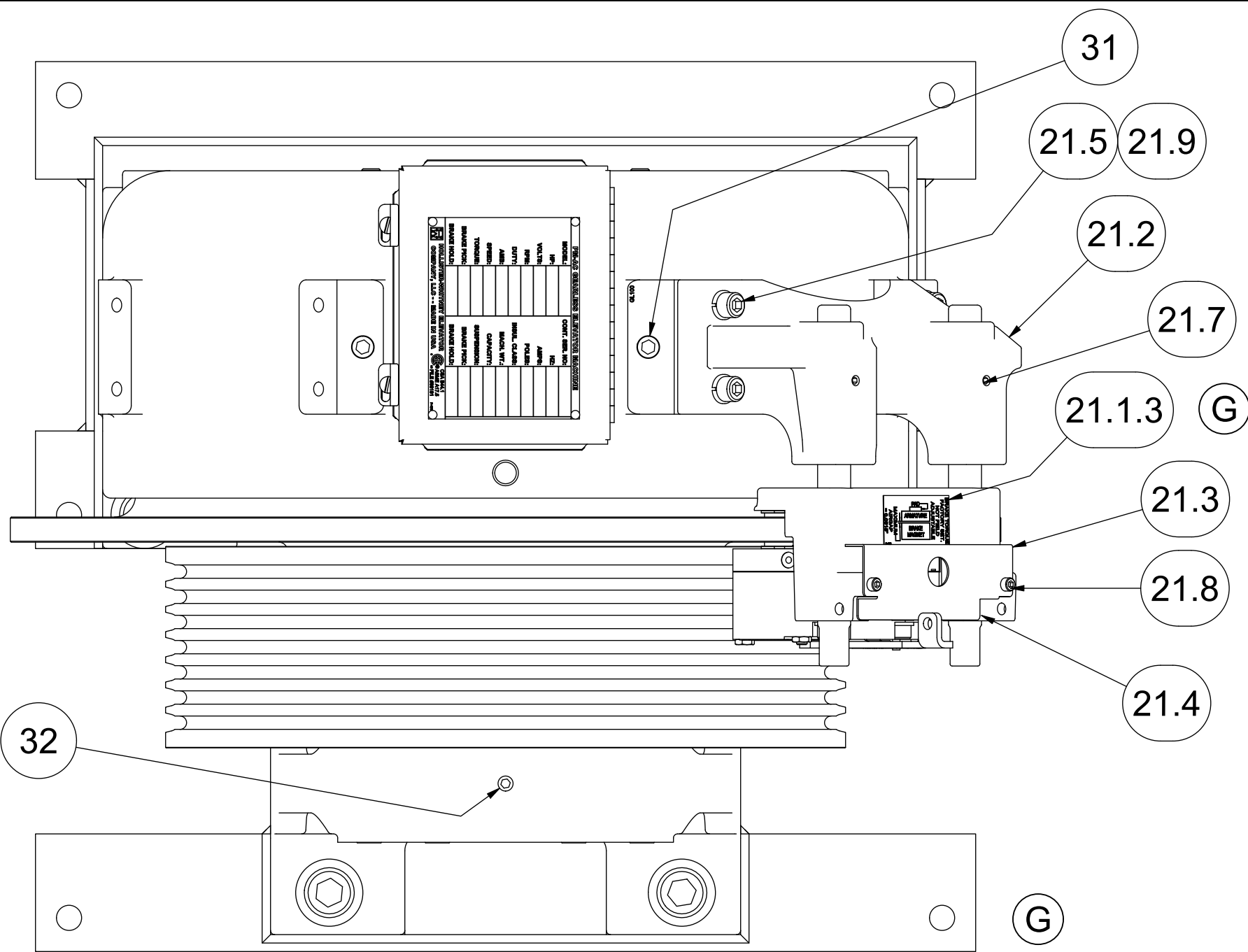
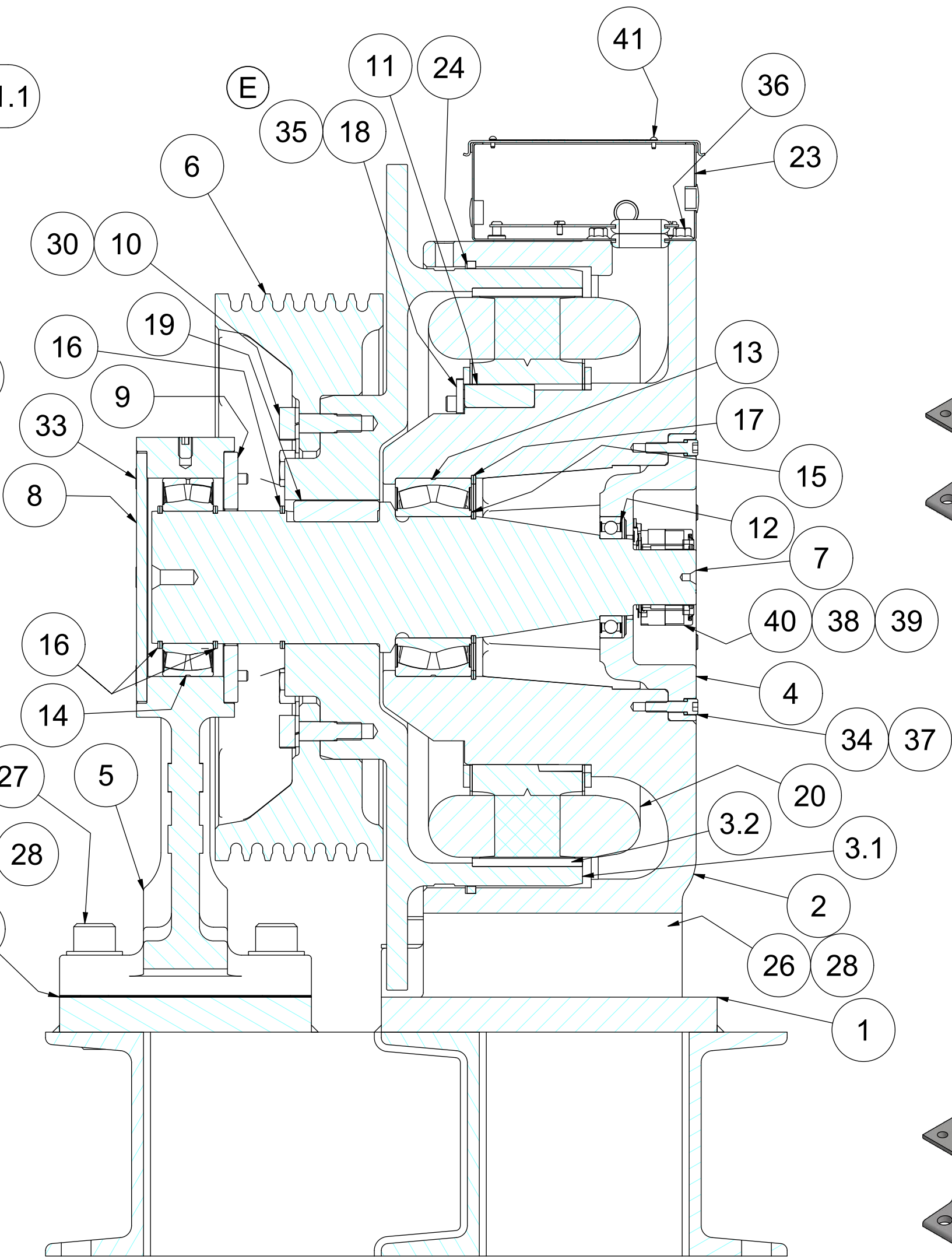
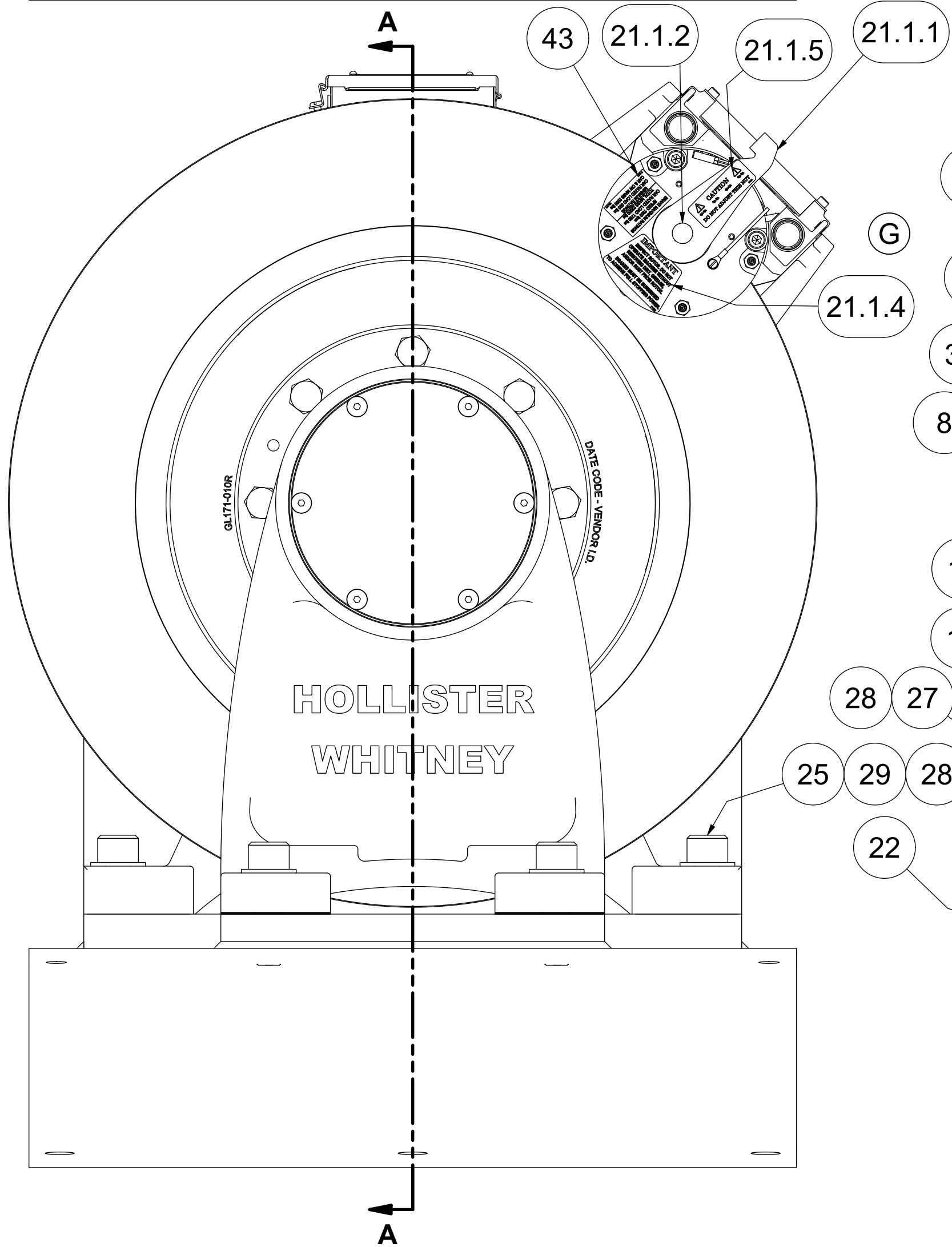
	Document Name	Date	Rev.	Page	Bulletin
	PRINT & PARTS LIST SUPPLEMENT	9/20/23	F	2 of 86	1162S

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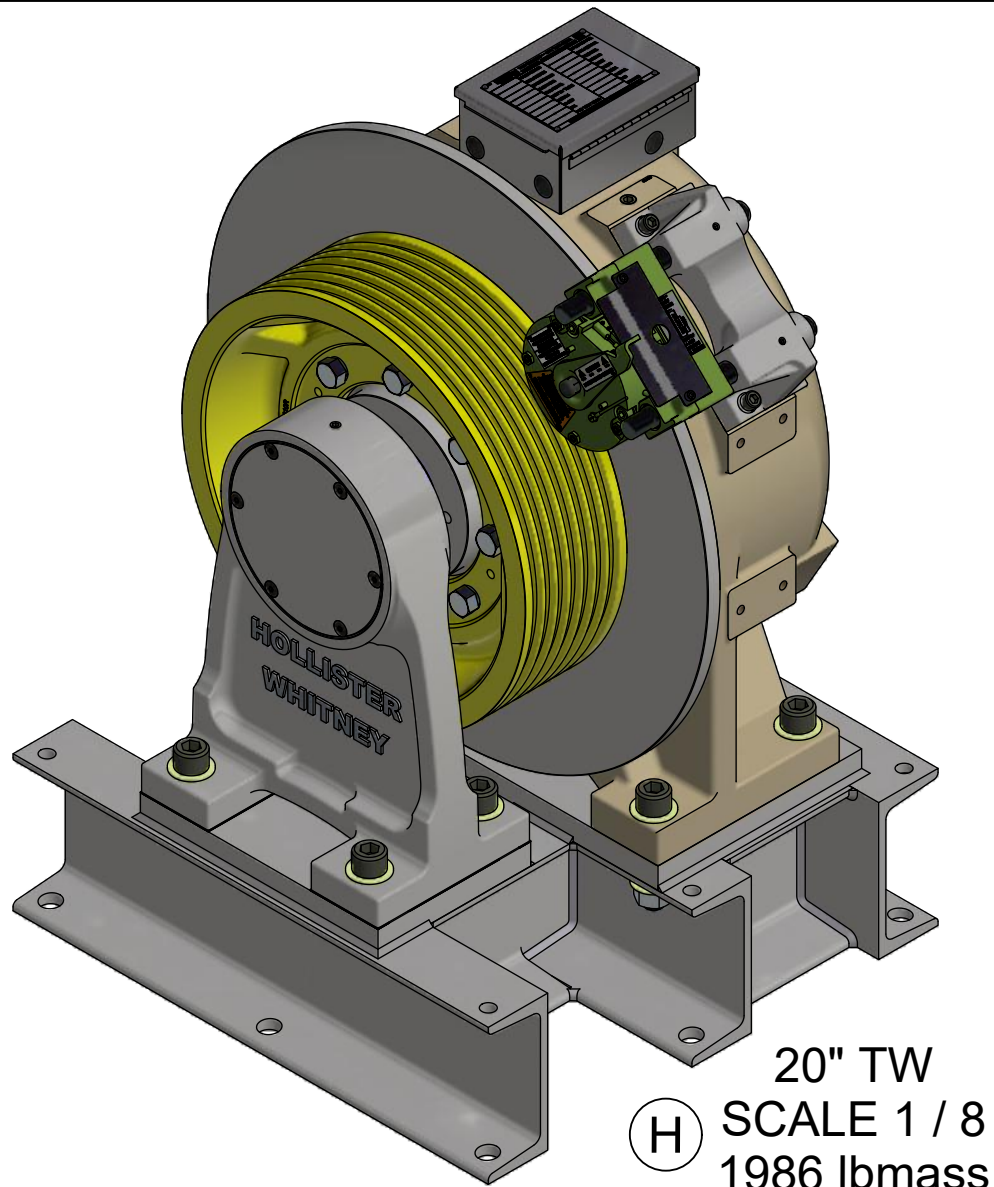
- **MACHINES - OVERHEAD**
 - GL101
 - GL131
 - GL171 & GL171X
 - GL130A & GL130A1
 - GL185
 - GL260
- **MACHINES – OVERHEAD – w/ROPE GRIPPER MOUNTS**
 - GL101-620
 - GL101-622
 - GL131-620
 - GL131-622
 - GL171-620 & GL171X-620
 - GL171-622 & GL171X-622
- **MACHINES – BASEMENT SET**
 - GL101BS
 - GL131BS
 - GL171BS & GL171XBS
 - GL130ABS
 - GL130A1BS
 - GL185BS
 - GL186BS
 - GL260BS
- **WHEEL GUARDS/ROPE RETENTION**
 - GL101-176
 - GL101-177
 - GL171-176
 - GL130A1-176
 - GL185-176
 - GL185-177
- **ELECTICAL BOX - RELOCATION KITS**
 - GL100RK- 159
 - GL130A RK-159
- **BRAKES, HAND RELEASE, CENTERING DEVICES**
 - GL100-146A
 - GL130-144A
 - GL185-147A
 - 146-047M6
 - 144-047M8
 - 147-047M10
 - 146-030
 - 144-030
 - 147-030



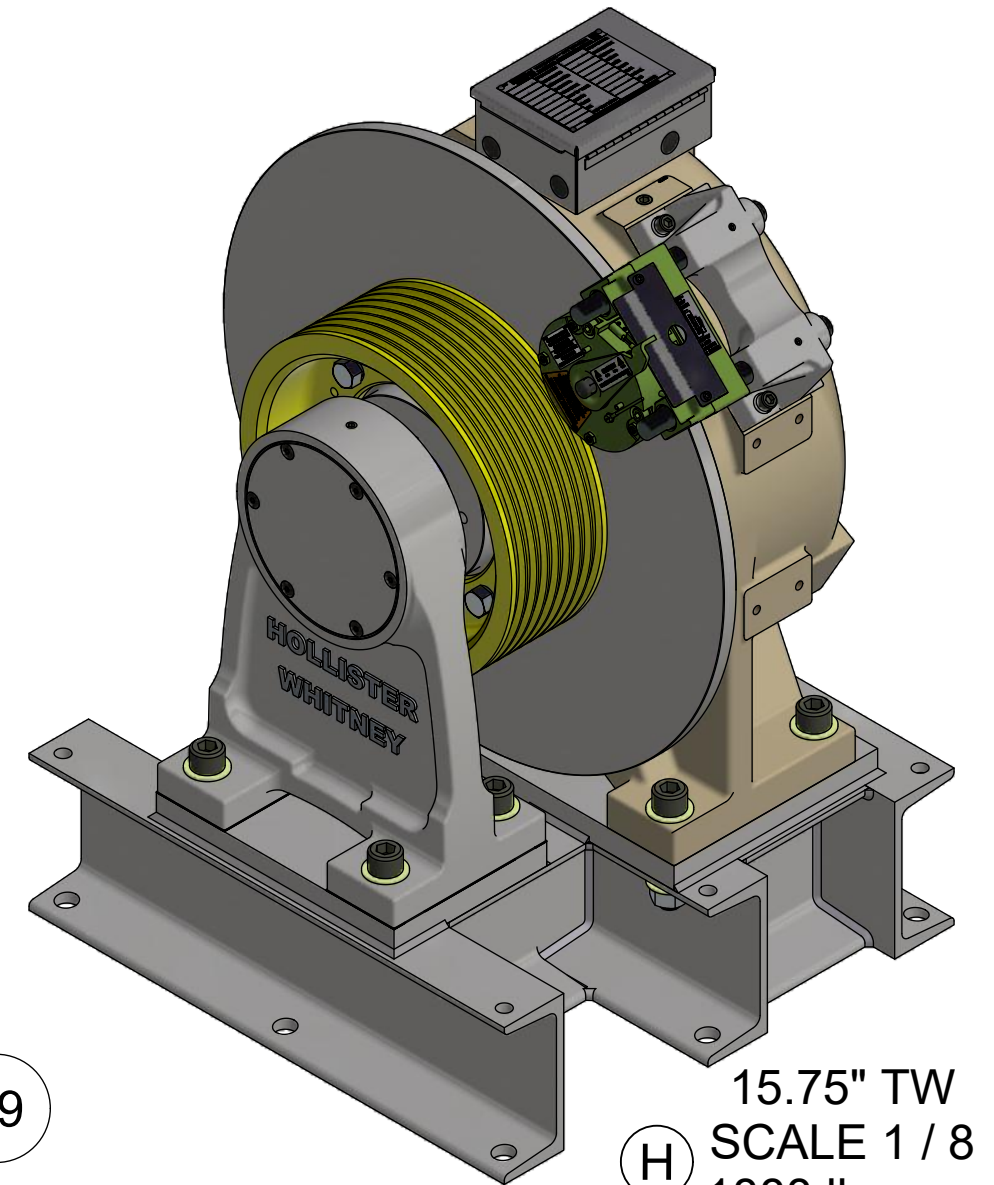
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	2:1	3000	2850	2700	2600	2500	
15.75"	1:1	1425	1350	1275	1225	1175	
	2:1	2850	2700	2575	2475	2375	
20"	1:1	1125	1050	1000	975	925	
	2:1	2250	2125	2025	1950	1875	



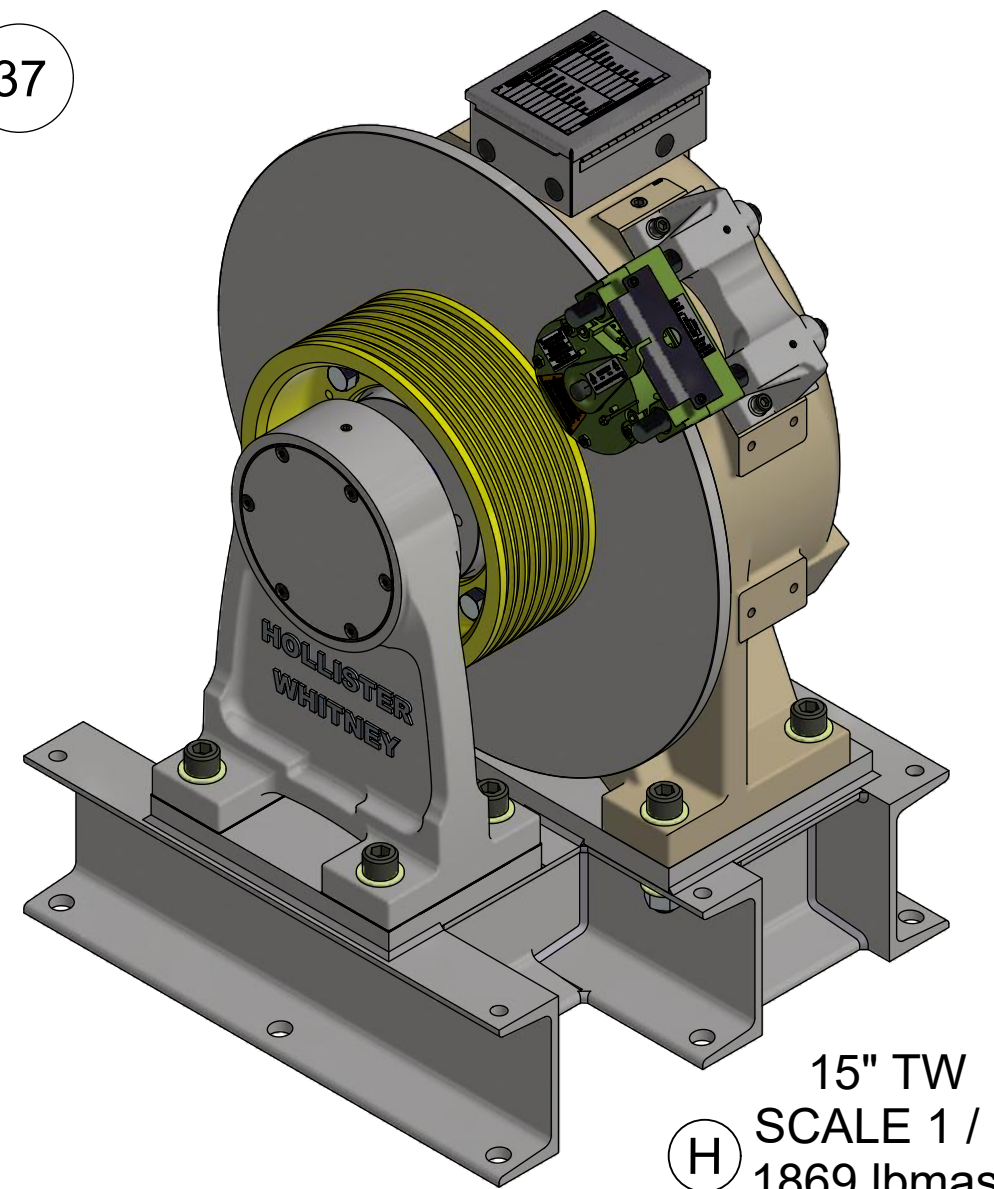
SECTION A-A
SCALE 1 / 4



20" TW
SCALE 1 / 8
1986 lbmass



15.75" TW
SCALE 1 / 8
1888 lbmass

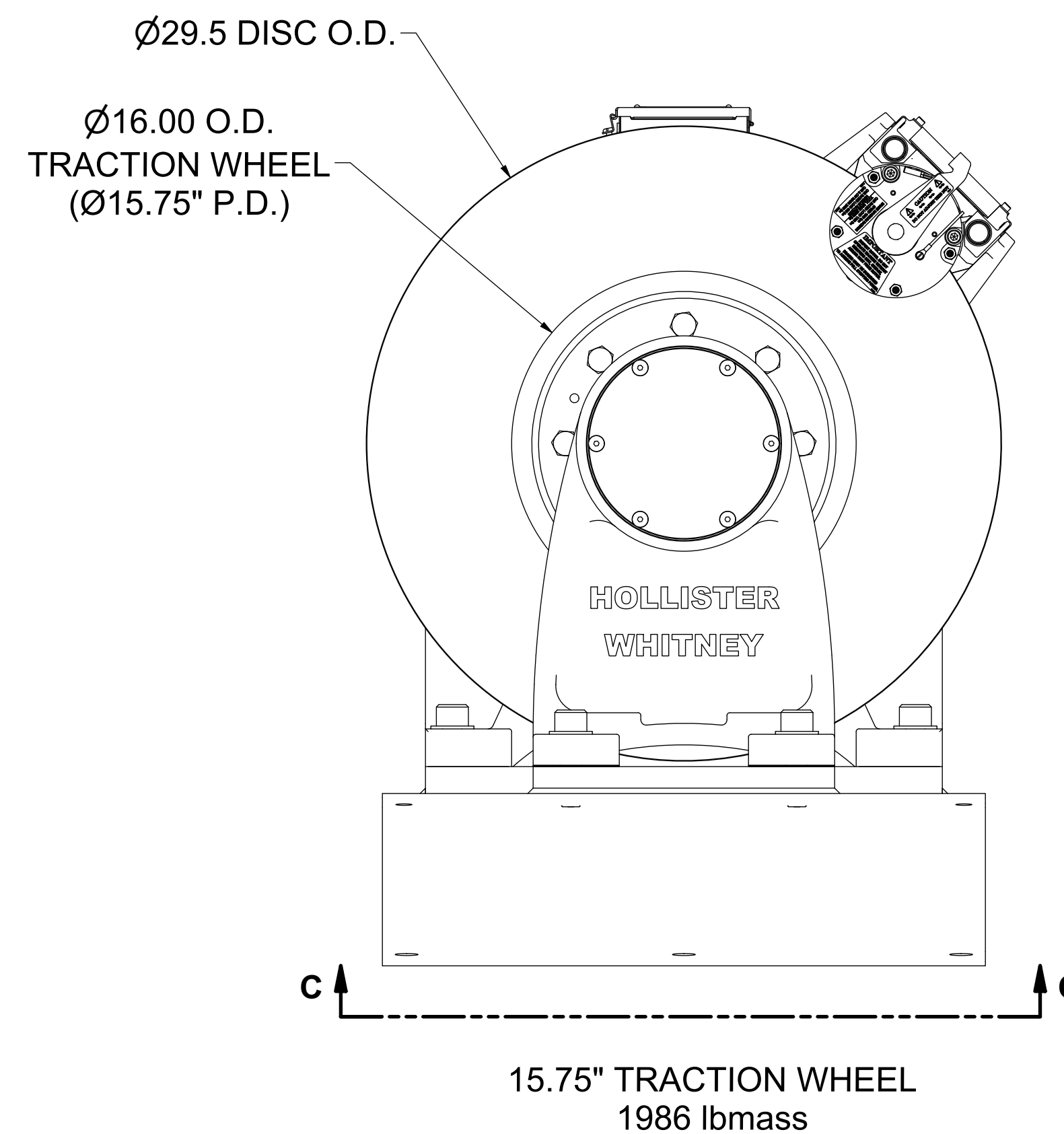
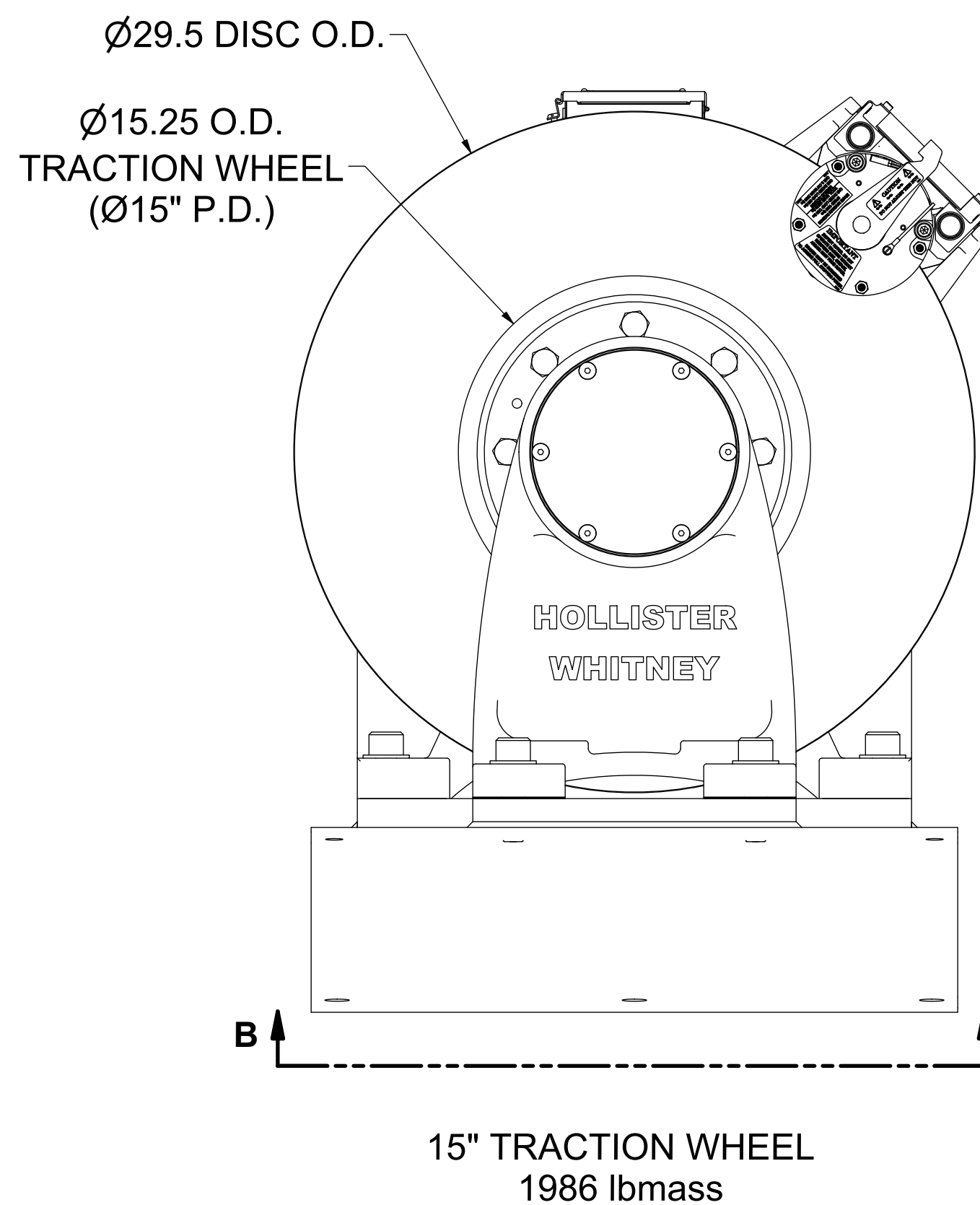
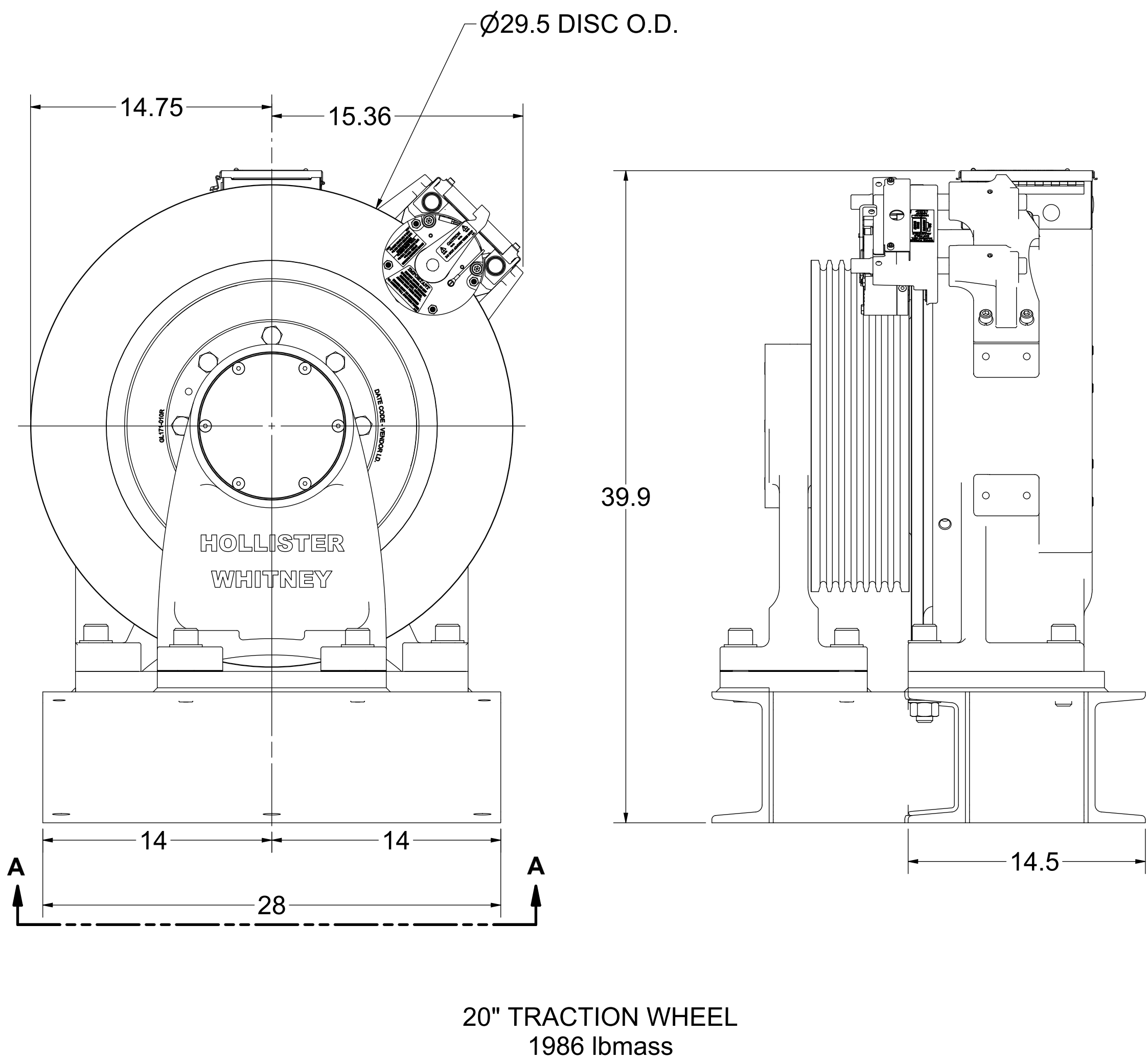
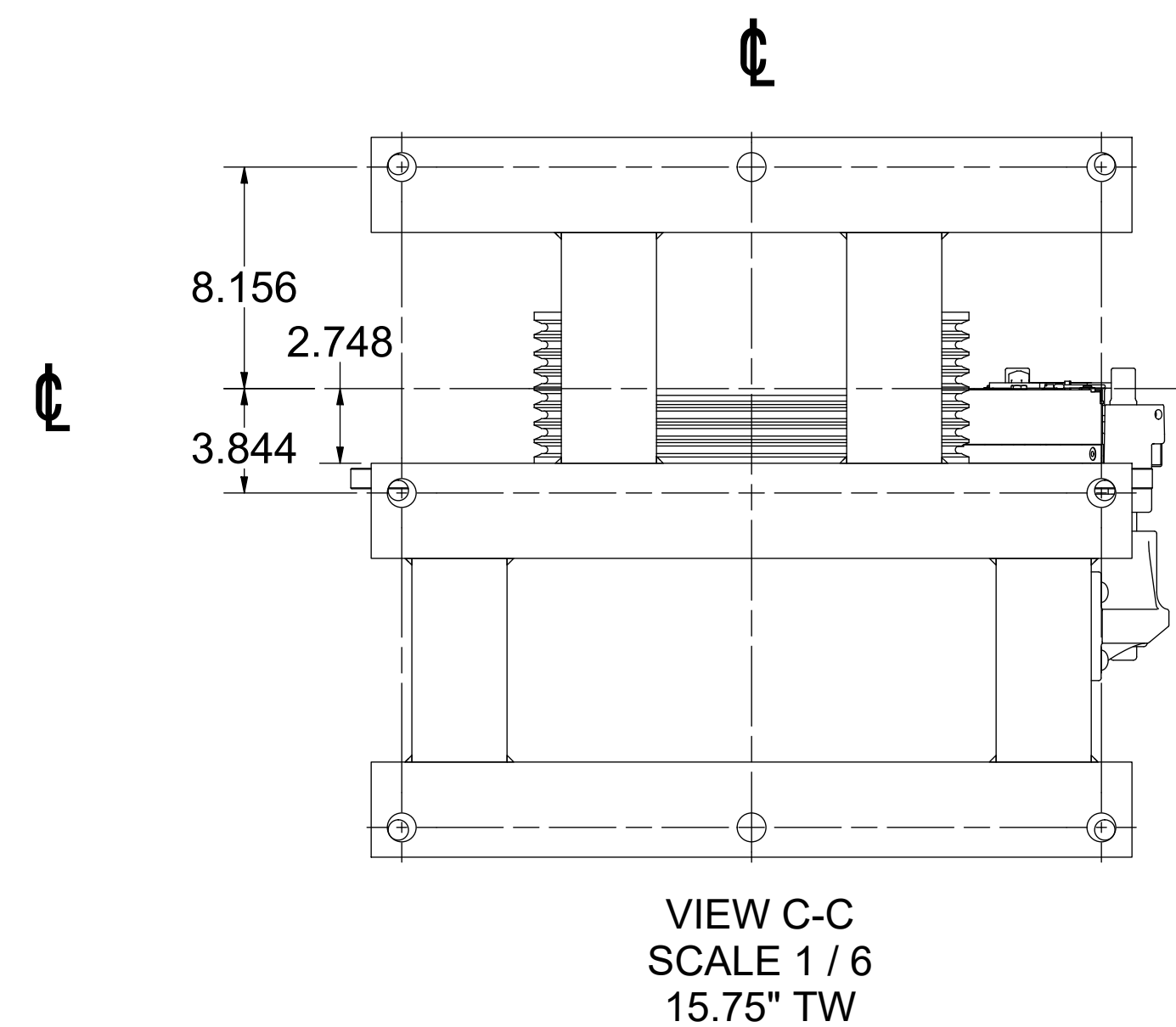
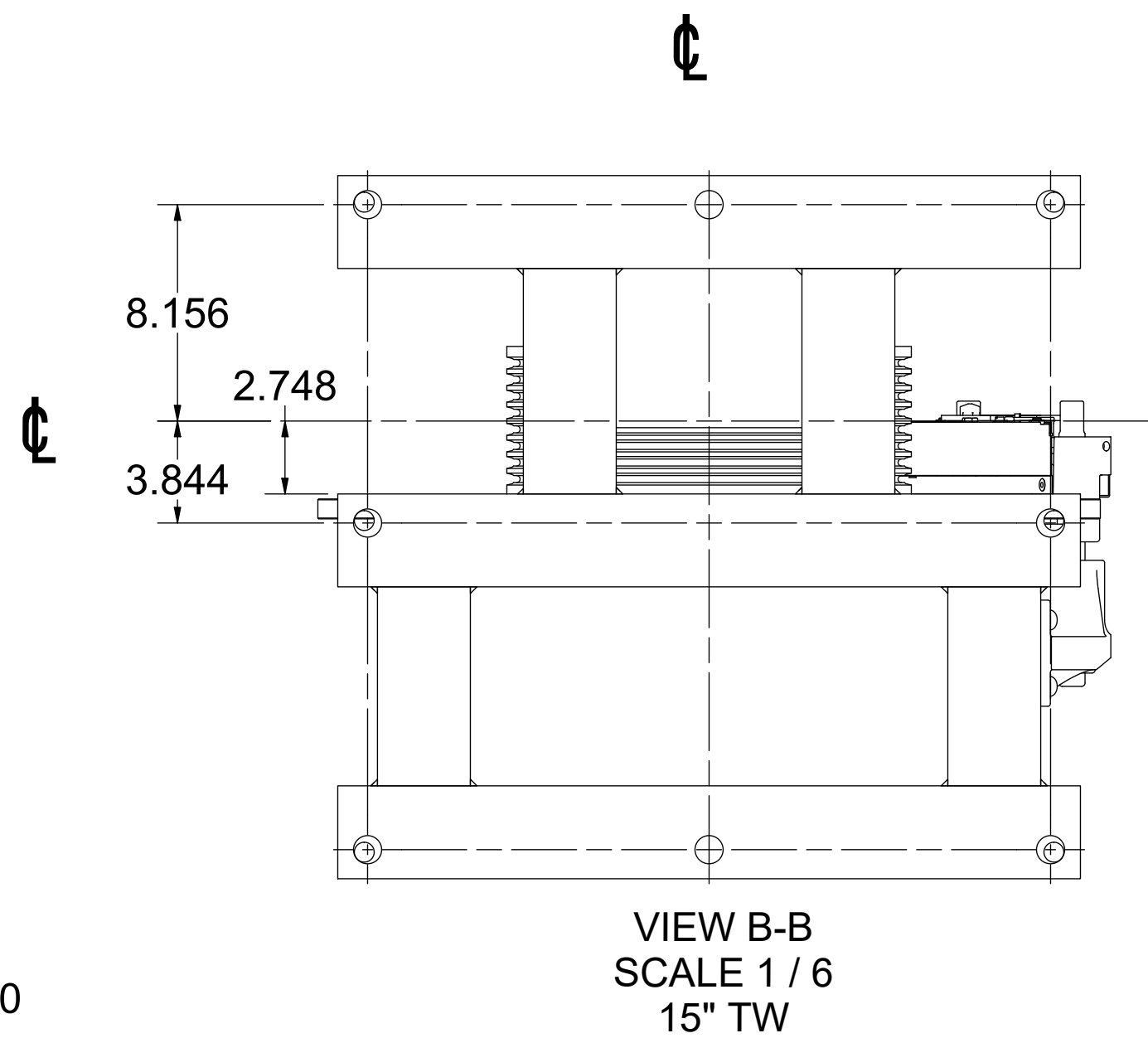
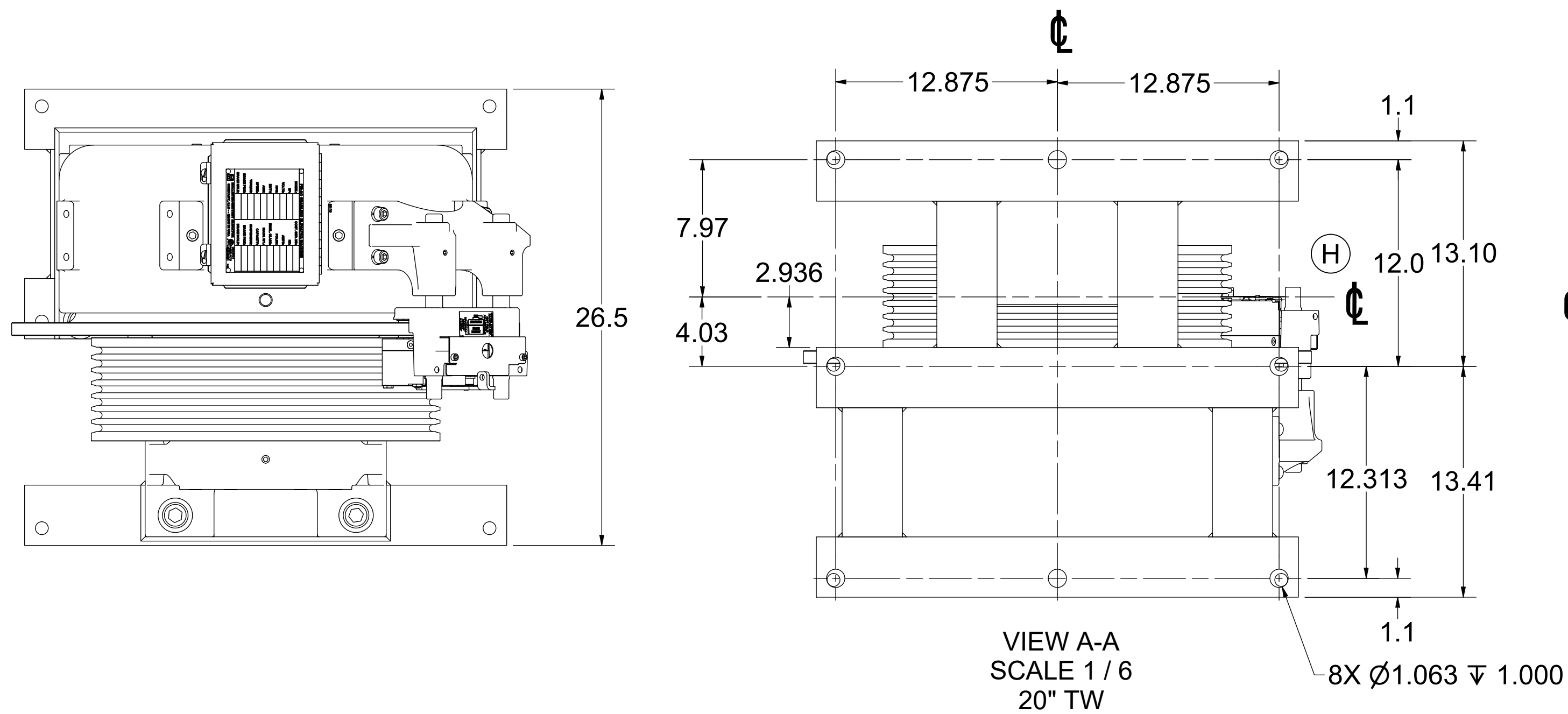


15" TW
SCALE 1 / 8
1869 lbmass

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL101B-01	BASE FABRICATION - FINISHED
2	1	GL100-001	BASE HOUSING, MOTOR #GL100
3	1	GL101-002	ROTOR ASSEMBLY, MOTOR #GL100
3.1	1	GL101-004	ROTOR
3.2	28	GL100-099	PERMANENT MAGNET - MOTOR #GL100
4	1	GL260-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" TW (7 x 1/2" ROPE MAX)
		GL100-009	15" TW (8 x 3/8" ROPE MAX)
		GL100-011	15.75" TW (8 x 3/8" ROPE MAX)
7	1	GL101-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL100-090	Bearings, Sealed Spherical Roller
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	1	GL100-092	RETAINING RING - SHAFT
16	3	GL130-092	RETAINING RING - SHAFT
17	1	GL100-093	RETAINING RING - HOUSING
18	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
19	1	GL100-095	KEY - ROTOR TO SHAFT
20	1	GL100-100	WINDING ASSEMBLY
21	1	GL100-146	DISC BRAKE (MAYR #6) - MRL
21.1	1	GL100-146-115S	MAYR #6 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL100-146-115	MAYR #6 RSD6/894.510.03S 52V #8275067
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	142-001	BRAKE BASE
21.3	1	146-003	COVER - MAYR #6 ELECTRICAL
21.4	2	142-012	BRAKE ROD
21.5	4	1/2-13 UNC x 2	SOCKET HEAD CAP SCREW
21.6	4	1/2" WASHER	STANDARD WASHER
21.7	2	3/8-16 UNC x 0.375	SET SCREW
21.8	2	M6 x 1.00 x 8mm	SHCS - Metric
22	As Nec.	GL171-157-05	OUTBOARD STAND SHIM - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM - 0.031"
23	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
24	1	GL100-165	FELT DUST SEAL
25	2	1 - 8 UNC x 5"	SOCKET HEAD CAP SCREW
26	2	1 - 8 UNC x 4"	SOCKET HEAD CAP SCREW
27	4	1 - 8 UNC x 3.25"	SOCKET HEAD CAP SCREW
28	8	1" WASHER	SAE WASHER
29	8	1" NUT	HEX NUT
30	8	Washer GB 859-87 18	Single coil spring lock washers, Light type
31	6	3/4 - 10 UNC x 0.75"	SET SCREW (HOLE PLUG)
32	6	1/2 - 13 UNC x 0.5"	SET SCREW (HOLE PLUG)
33	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
34	6	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
35	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
36	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
37	6	0.375 WASHER	CAP SCREW LOCK WASHER
38	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
39	4	#8 WASHER	INT. TOOTH LOCKWASHER
40	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
41	4	#6 U x 0.3125	DRIVE SCREW
42	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
43	1	P-210	TAG, GL101 - BRAKE RATINGS FOR MAYR #6

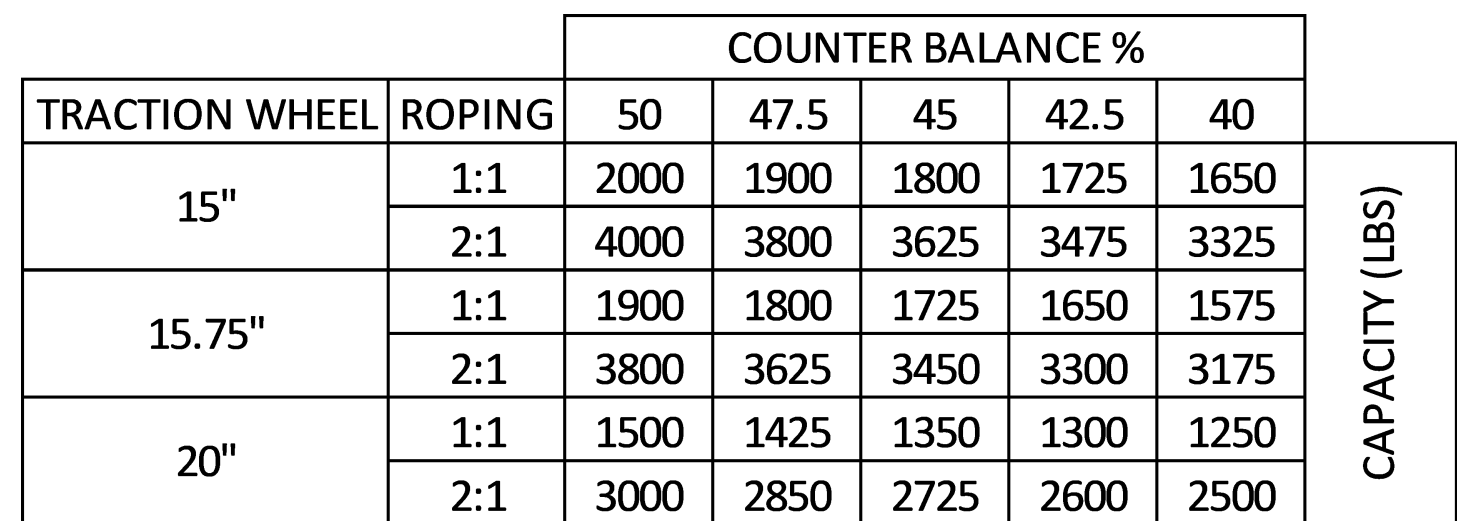
THESE APPLICATIONS USING WINDINGS DESIGNED FOR 2:1											
		ROPED 1:1				ROPED 2:1					
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL101-15L	GL100-170-150	87.2	100	170	76.4	400	315	300	200	158	150
GL101-15H	GL100-360-150	87.1	100	360	76.4	400	315	300	200	158	150
GL101-20L	GL100-170-200	89.2	100	170	101.9	533	420	400	267	210	200
GL101-20H	GL100-360-200	89.3	100	360	101.9	533	420	400	267	210	200

H	TW GL171-010 WAS GL100-010, UPDATE C/L 7/19/23	F	MAYR #8275067 WAS #8211863, PUR #1244 3X GL100-094-1 WAS 1X GL100-094, 3X 3/8x1HHCS WAS 6X, REMOVE 6X 3/8 WASHERS, PUR #1111	LTL	12/9/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC	
G	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260 12/19/19	E		LTL	6/5/19	GEARLESS MACHINE w/OUTBOARD STAND	
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.						THIRD ANGLE PROJECTION	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						DRAWN BY LTL	SCALE 1 / 4
						DATE	5/21/2014
						REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	GL101 SHEET 1 OF 2




**NOTE: TRACTION WHEEL
CENTERLINE
VARIES WITH DIAMETER**

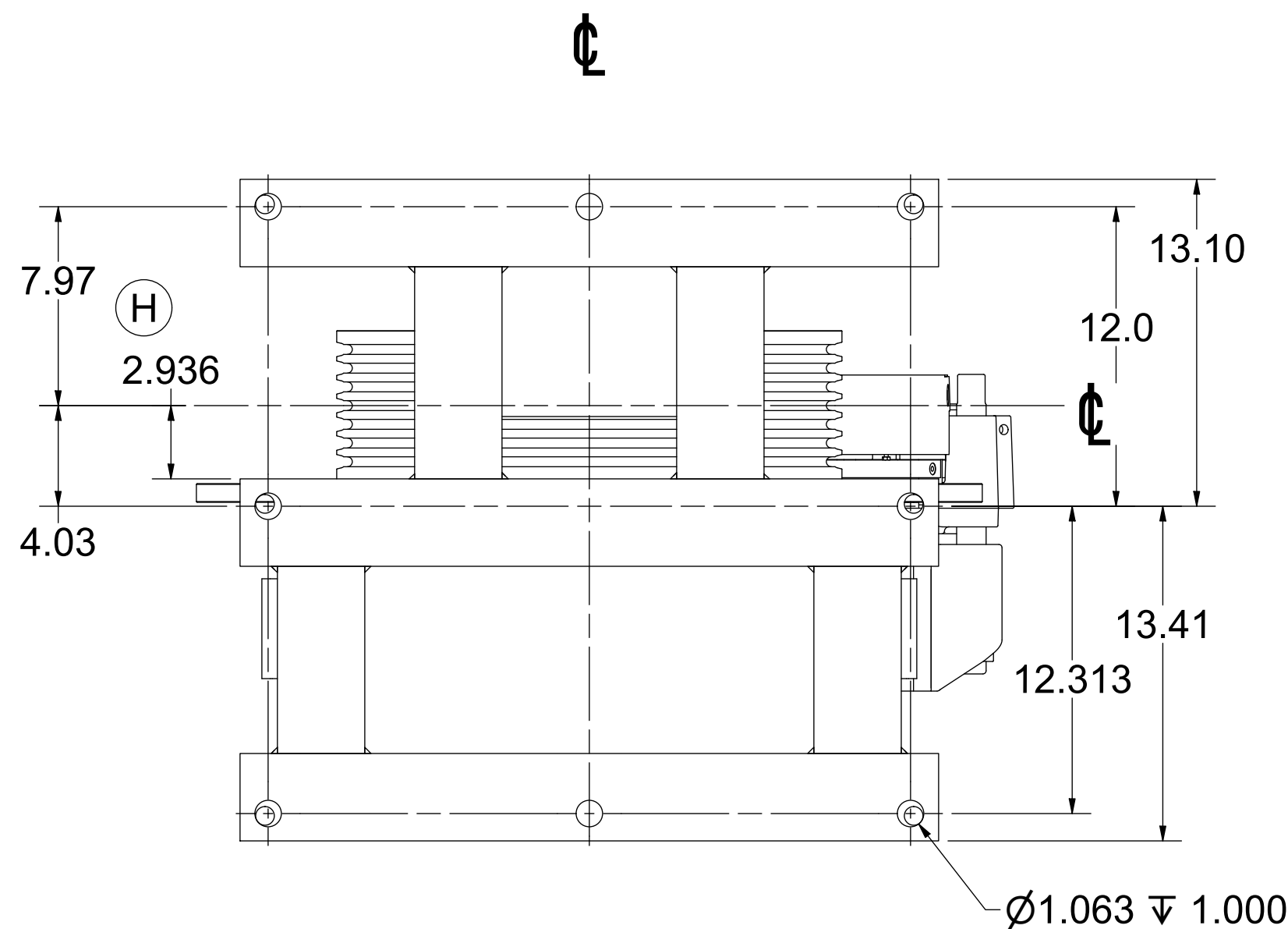
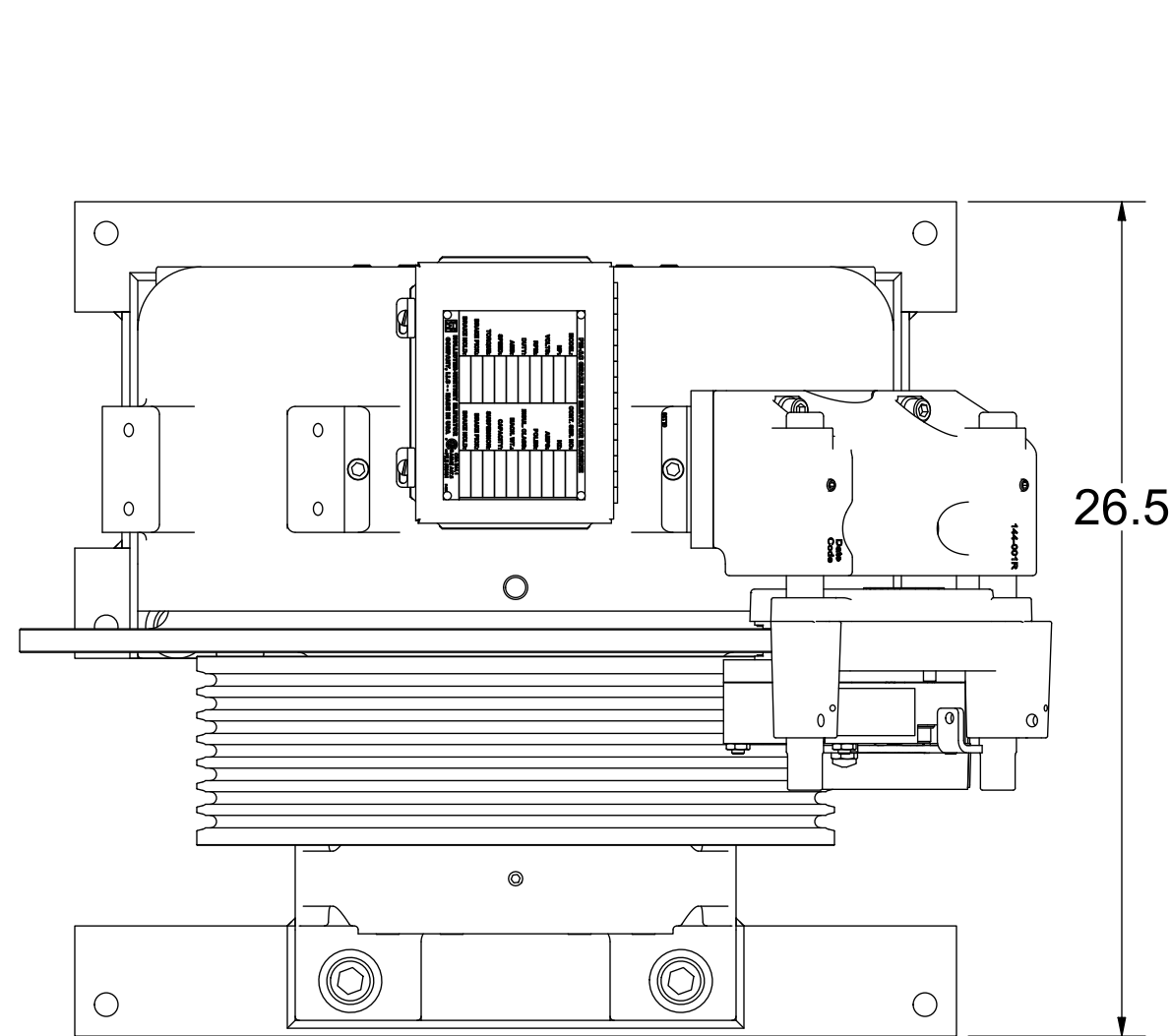
		SEE PAGE 1 OF 2 FOR REVISIONS		HOLLISTER-WHITNEY ELEVATOR CO. LLC	
				TITLE	
				GEARLESS MACHINE w/OUTBOARD STAND	
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.		THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 6
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				SEE PARTS LIST	
				REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
				GL101	
				SHEET 2 OF 2	



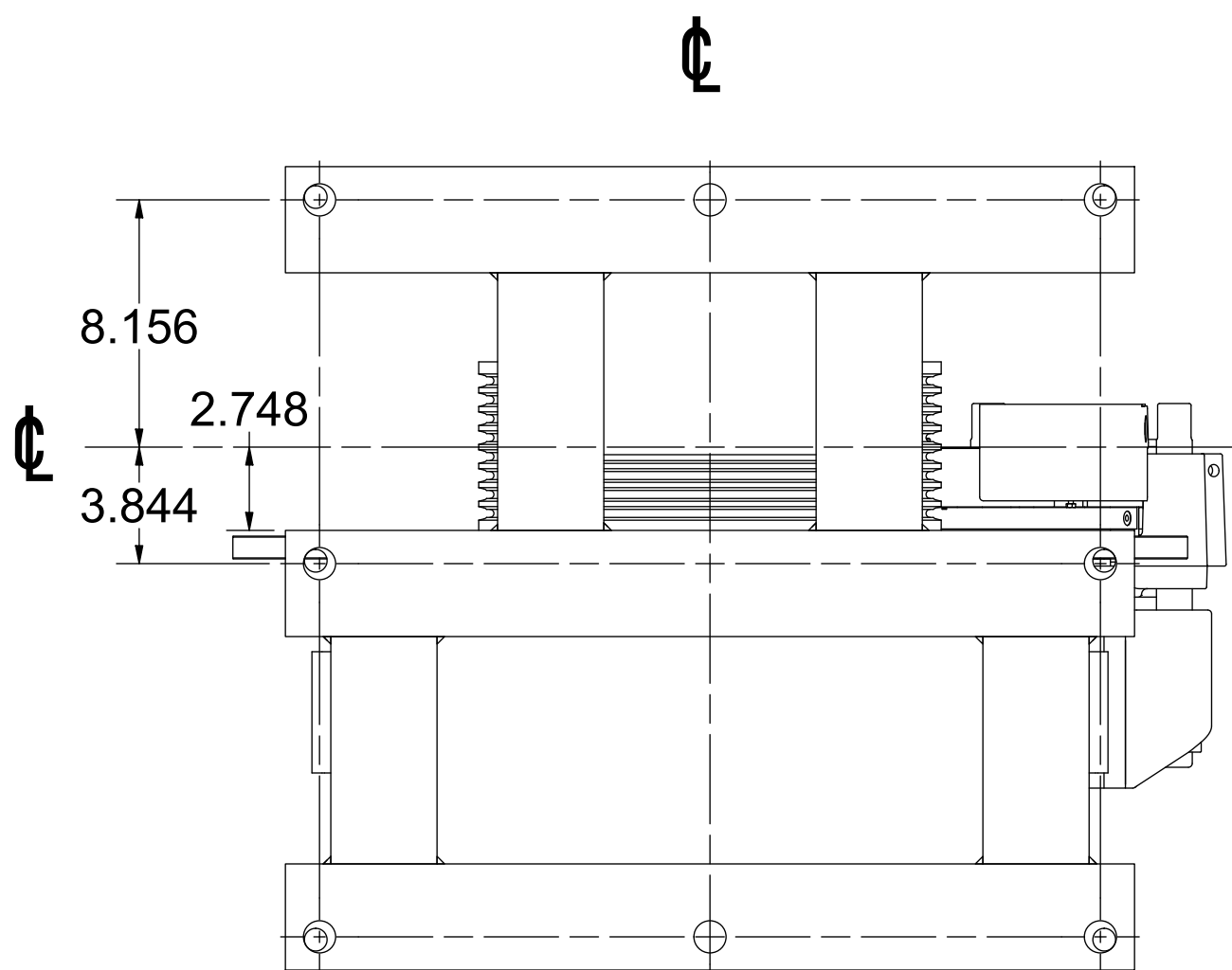
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-01	BASE FABRICATION - FINISHED
2	1	GL130-001	BASE HOUSING, MOTOR #GL130
3	1	GL131-002	ROTOR ASSEMBLY, MOTOR #GL131
3.1	1	GL131-004	ROTOR
3.2	28	GL130-099	PERMANENT MAGNET - MOTOR #GL130
4	1	GL130A-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" TW (7 x 1/2" ROPE MAX)
		GL100-009	15" TW (8 x 3/8" ROPE MAX)
		GL100-011	15.75" TW (8 x 3/8" ROPE MAX)
7	1	GL131-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL100-095	KEY - ROTOR TO SHAFT
19	1	GL130-100	WINDING ASSEMBLY - 28 POLE
20	1	GL130-144	DISC BRAKE (MAYR #8) - MRL
20.1	1	GL130-144-115S	MAYR #8 BRAKE WITH STANDARD STICKERS
20.1.1	1	GL130-144-115	MAYR #8; RSD8/894.510.03S 52V #8275066
20.1.2	1	142-050	BLACK VINYL CAP
20.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
20.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
20.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
20.2	1	144-001	BRAKE BASE
20.3	1	144-002	ADAPTOR PLATE - BRAKE BASE
20.4	1	144-003	COVER - MAYR #8 ELECTRICAL
20.5	2	144-012	BRAKE ROD
20.6	4	1/2 - 13 UNC x 1.75"	SOCKET HEAD CAP SCREW
20.7	4	1/2-13 UNC x 1.5"	FLAT HEAD CAP SCREW
20.8	4	1/2" WASHER	STANDARD WASHER
20.9	2	3/8-16 UNC x 0.625"	SET SCREW
21	As Nec	GL171-157-05	OUTBOARD STAND SHIM - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM - 0.031"
22	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
23	1	GL100-165	FELT DUST SEAL
24	2	1 - 8 UNC x 5"	SOCKET HEAD CAP SCREW
25	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
26	10	1" WASHER	SAE WASHER
27	2	1 - 8 UNC NUT	HEAVY HEX NUT
28	8	Washer GB 859-87 18	Single coil spring lock washers, Light type
29	2	3/4-10 UNcx0.75	HALF DOG SET SCREW
30	1	1/2-13 UNcx0.5	HALF DOG SET SCREW
31	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
32	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
33	8	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
34	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
35	8	0.375 WASHER	CAP SCREW LOCK WASHER
36	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
37	4	#8 WASHER	INT. TOOTH LOCKWASHER
38	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
39	4	#6 U x 0.3125	DRIVE SCREW
40	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
41	1	P-211	TAG, GL131 - BRAKE RATINGS FOR MAYR #8

THESE APPLICATIONS USING WINDINGS DESIGNED FOR 2:1											
						ROPED 1:1			ROPED 2:1		
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL131-20L	GL130-170-200	90.6	130	170	101.9	533	420	400	267	210	200
GL131-20H	GL130-360-200	90.7	130	360	101.9	533	420	400	267	210	200
GL131-35L	GL130-170-350	93.1	130	170	178.3	933	735	700	467	368	350
GL131-35H	GL130-360-350	93	130	360	178.3	933	735	700	467	368	350

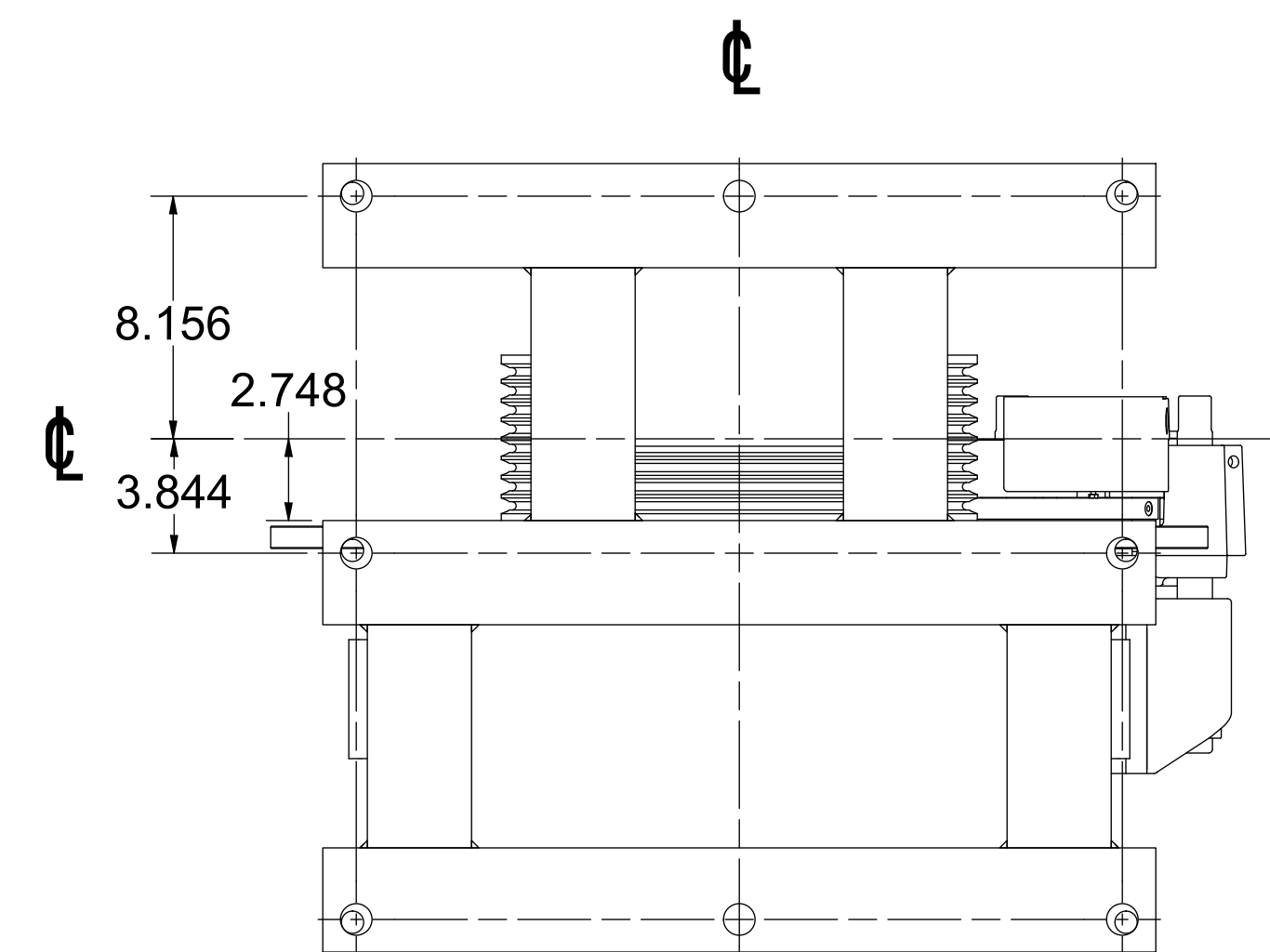
H	TW GL171-010 WAS GL100-010, UPDATE C/L DIM. FOR WIDE TW, ADD WEIGHTS, PUR #1800	LTL 7/21/23	F	MAYR #8275066 WAS #8211833, PUR #1244	LTL 12/9/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC		
G	LTL LIST # AGS, PUR #1260	LTL 12/19/19	E	3X GL100-094-1 WAS 1X GL100-094, 3X/8x1HHC5 WAS 6X, REMOVE 6X 3/8 LIST # AGS, PUR #111	6/5/19	TITLE	GEARLESS MACHINE w/OUTBOARD STAND	
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO PRODUCE, SUCH AS THE EQUIPMENT WILL OCCUR DURING CONSTRUCTION AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOID WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>						<p>THIRD ANGLE PROJECTION</p> 		
DRAWN BY LTL						SCALE 1/4	MATERIAL SEE PARTS LIST	REFERENCE TO L. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
SHEET SIZE D						DATE 6/27/2014	GL131 SHEET 1 OF 2	



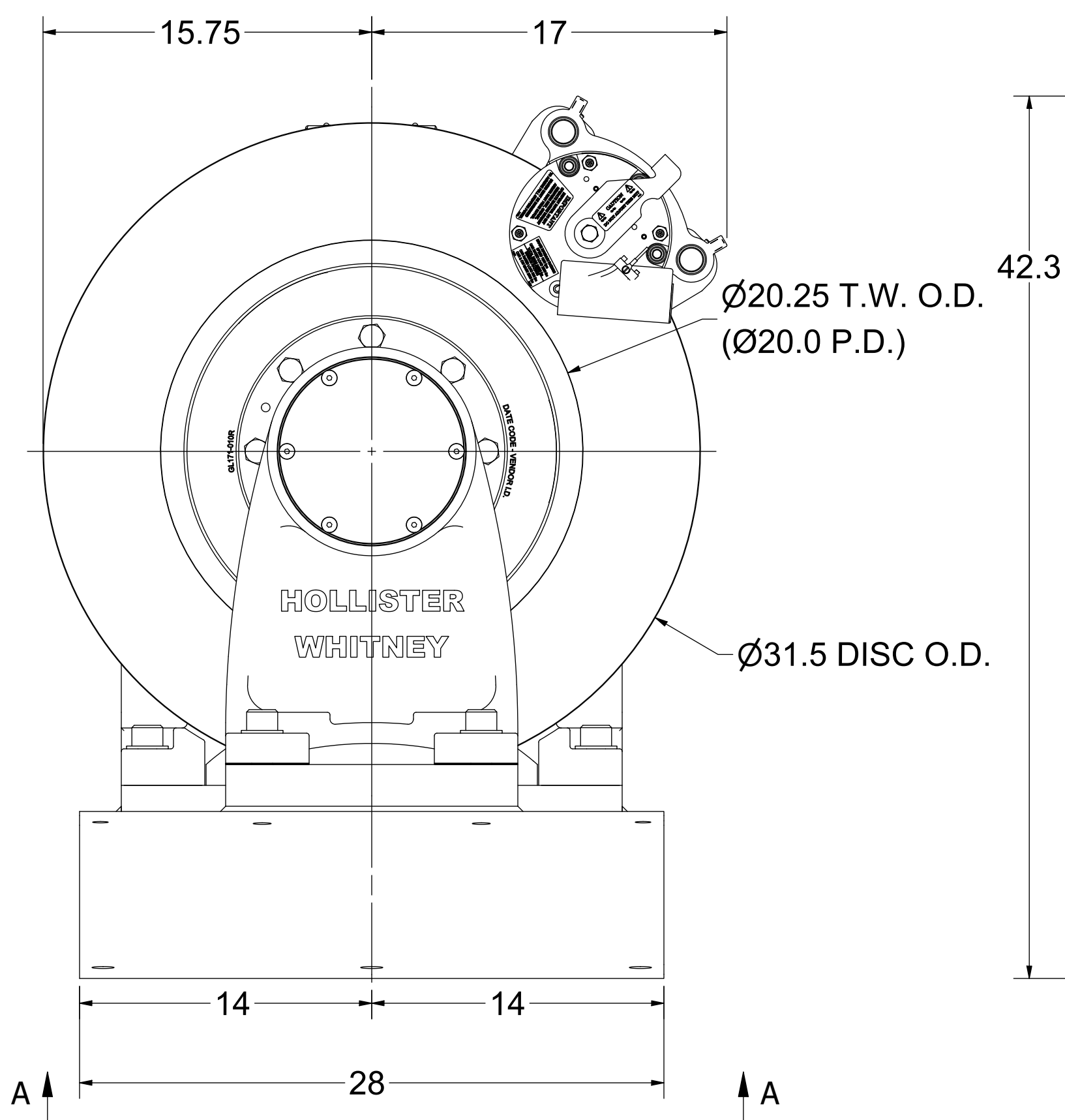
VIEW A-A
SCALE 1 / 6
20" TW



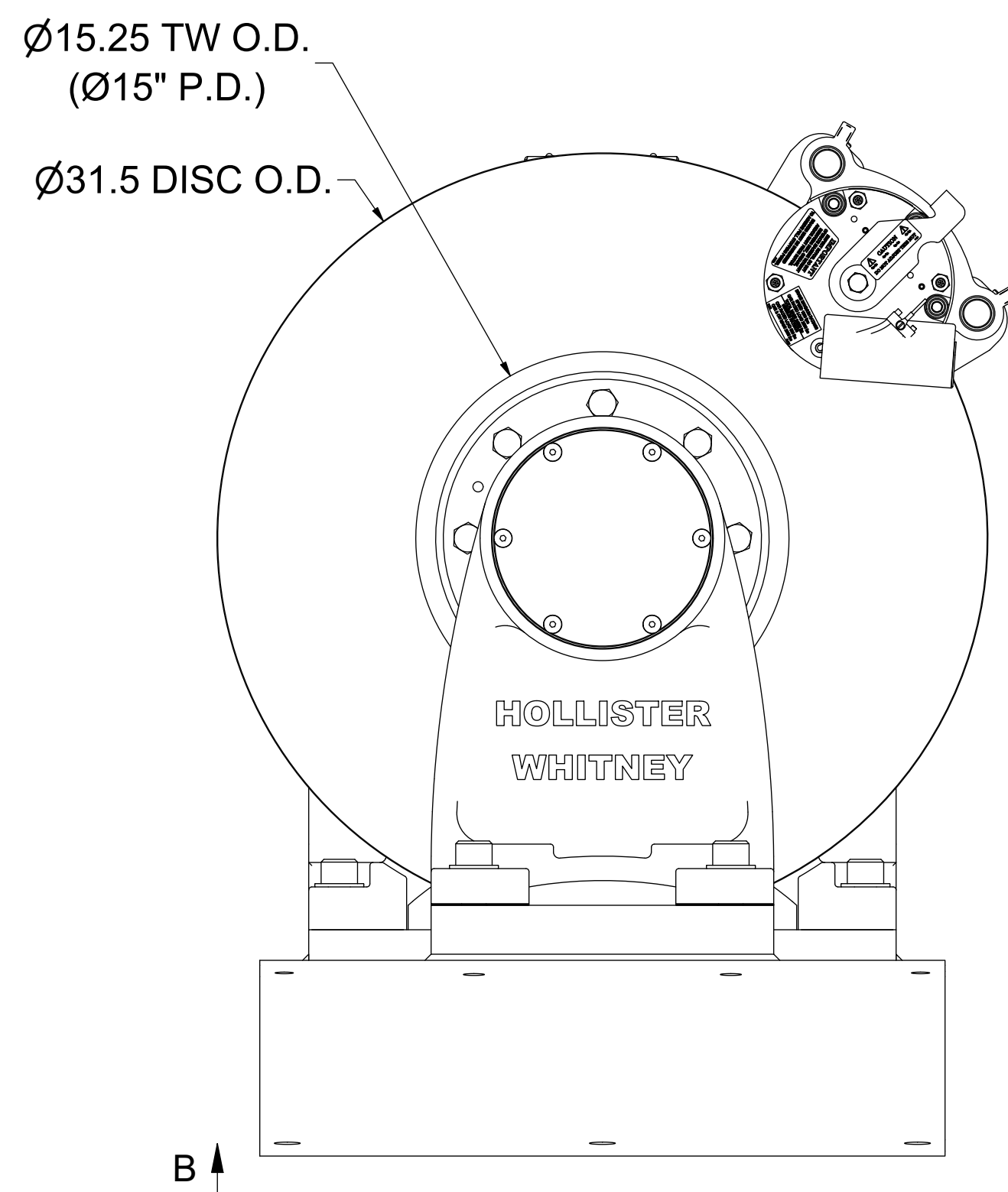
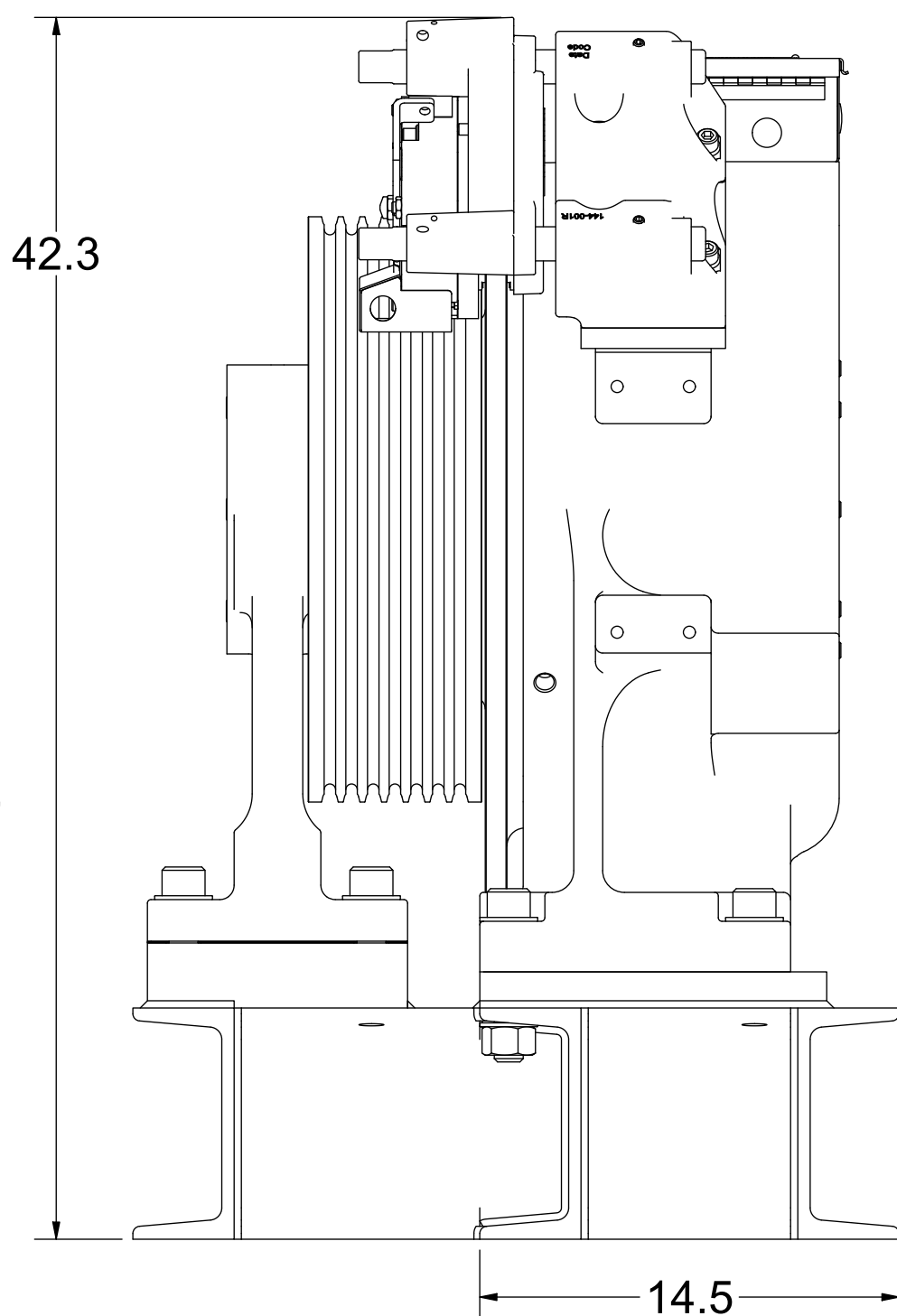
VIEW B-B
SCALE 1 / 6
15" TW



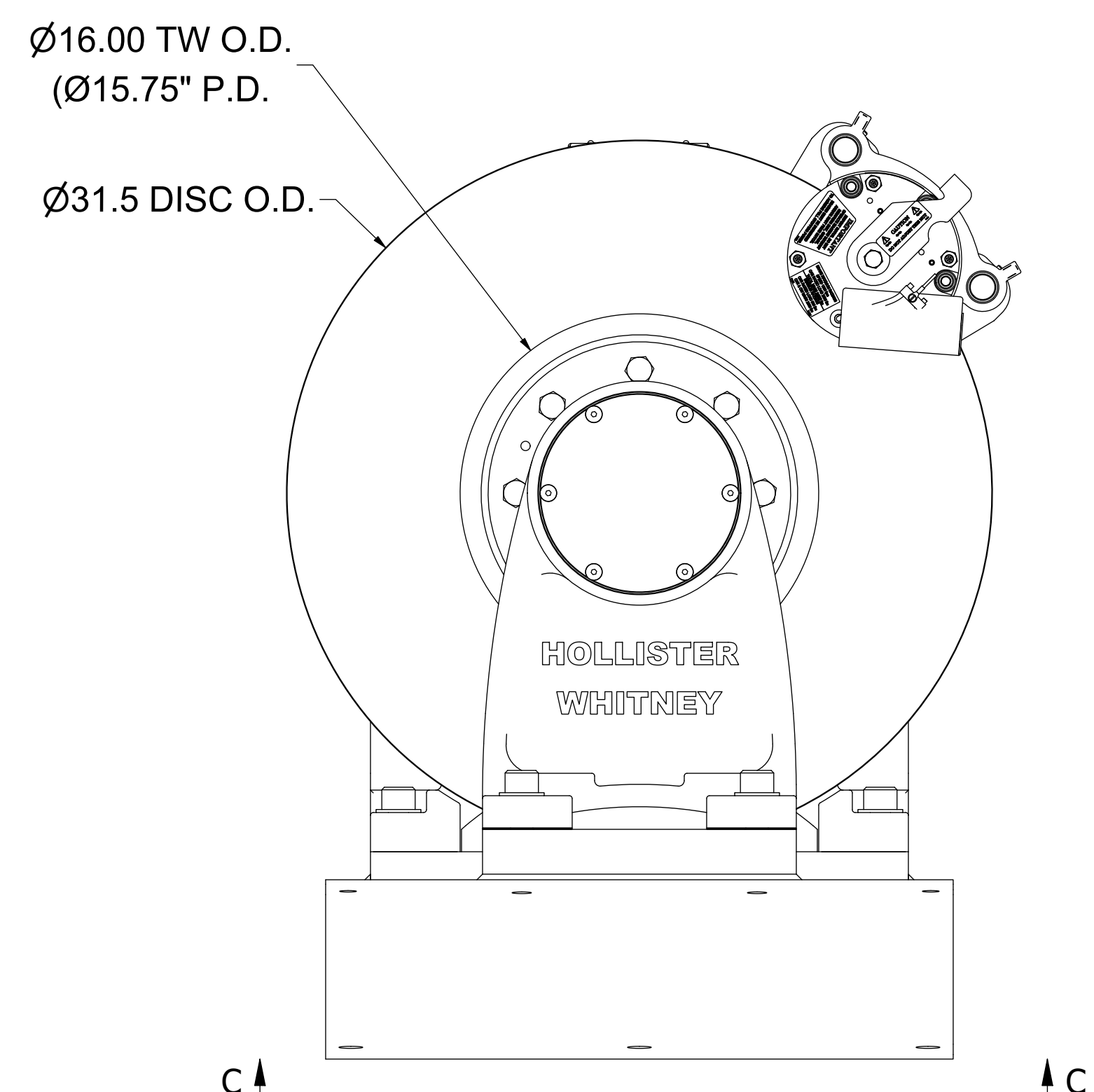
VIEW C-C
SCALE 1 / 6
15.75" TW



20" TRACTION WHEEL



15" TRACTION WHEEL

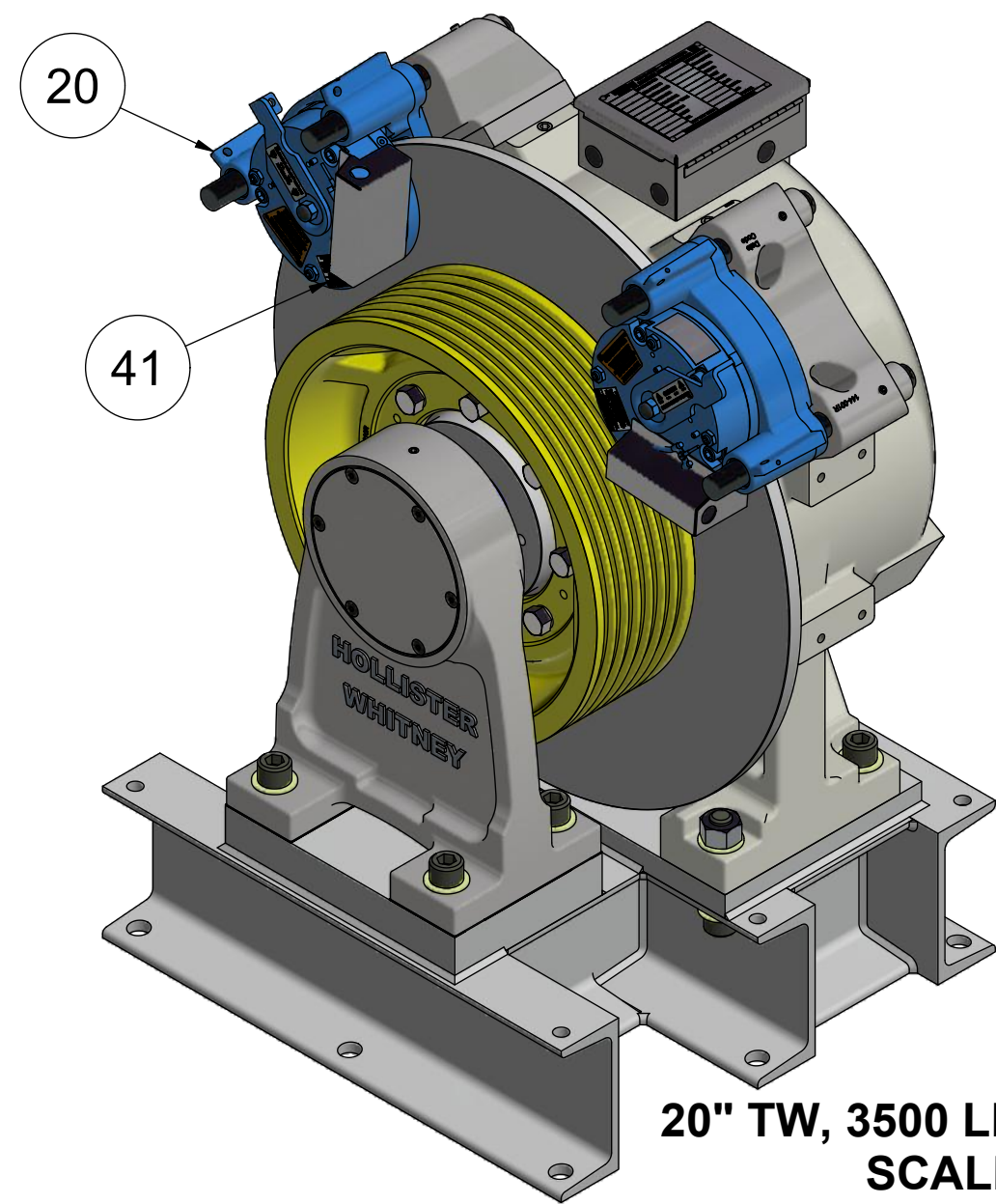
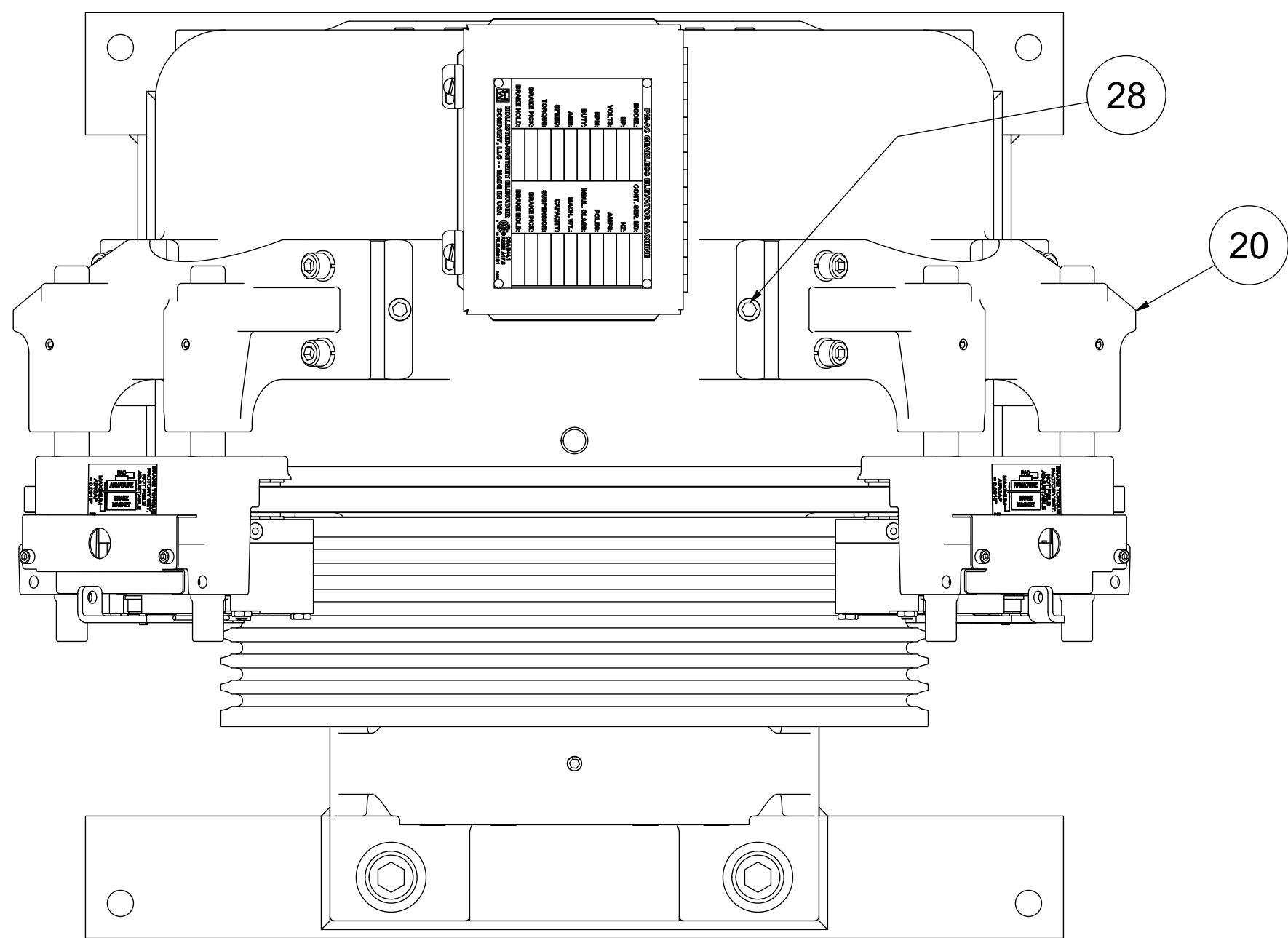


15.75" TRACTION WHEEL

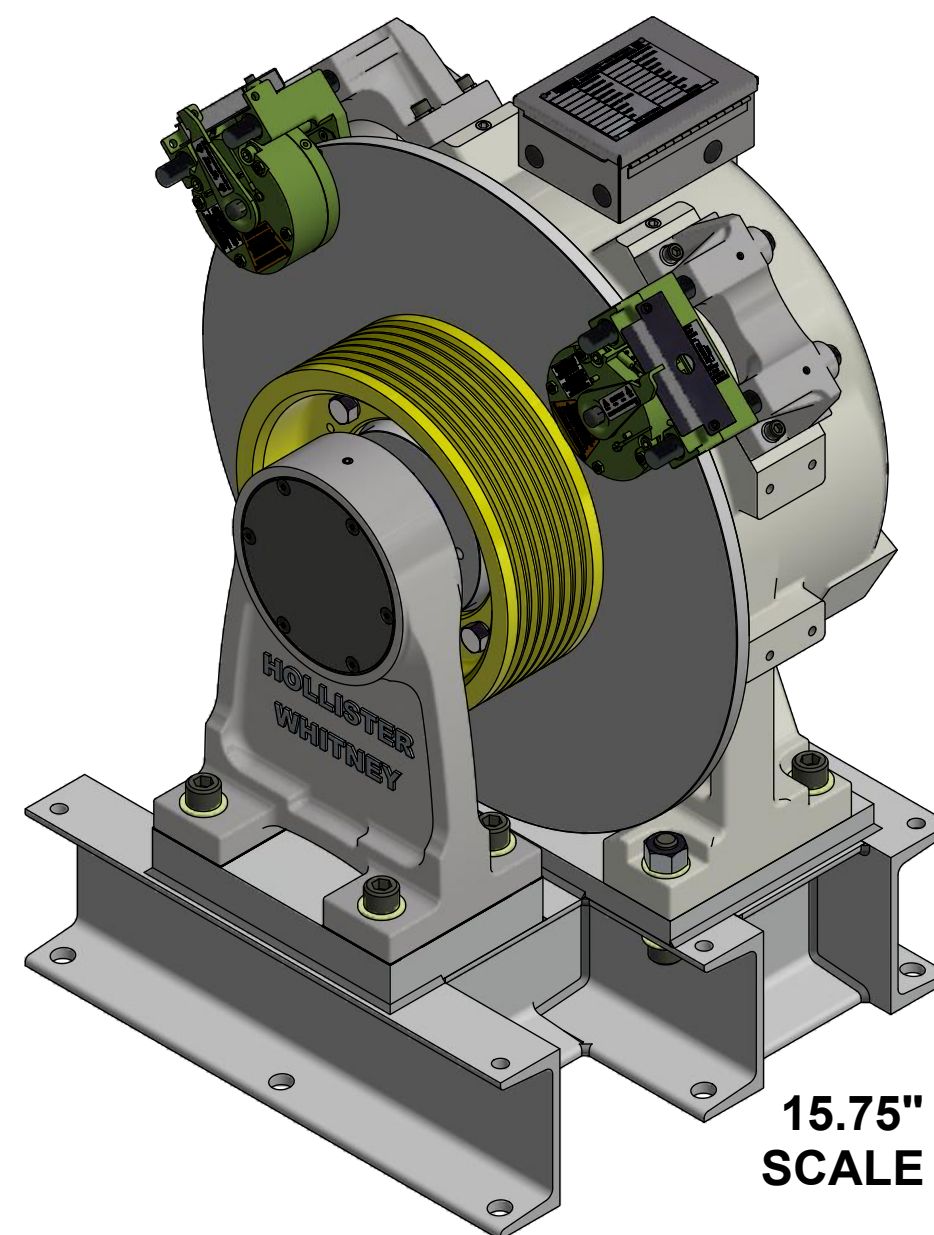
**NOTE: TRACTION WHEEL
CENTERLINE
VARIES WITH DIAMETER**

SEE PAGE 1 OF 2 FOR
REVISIONS

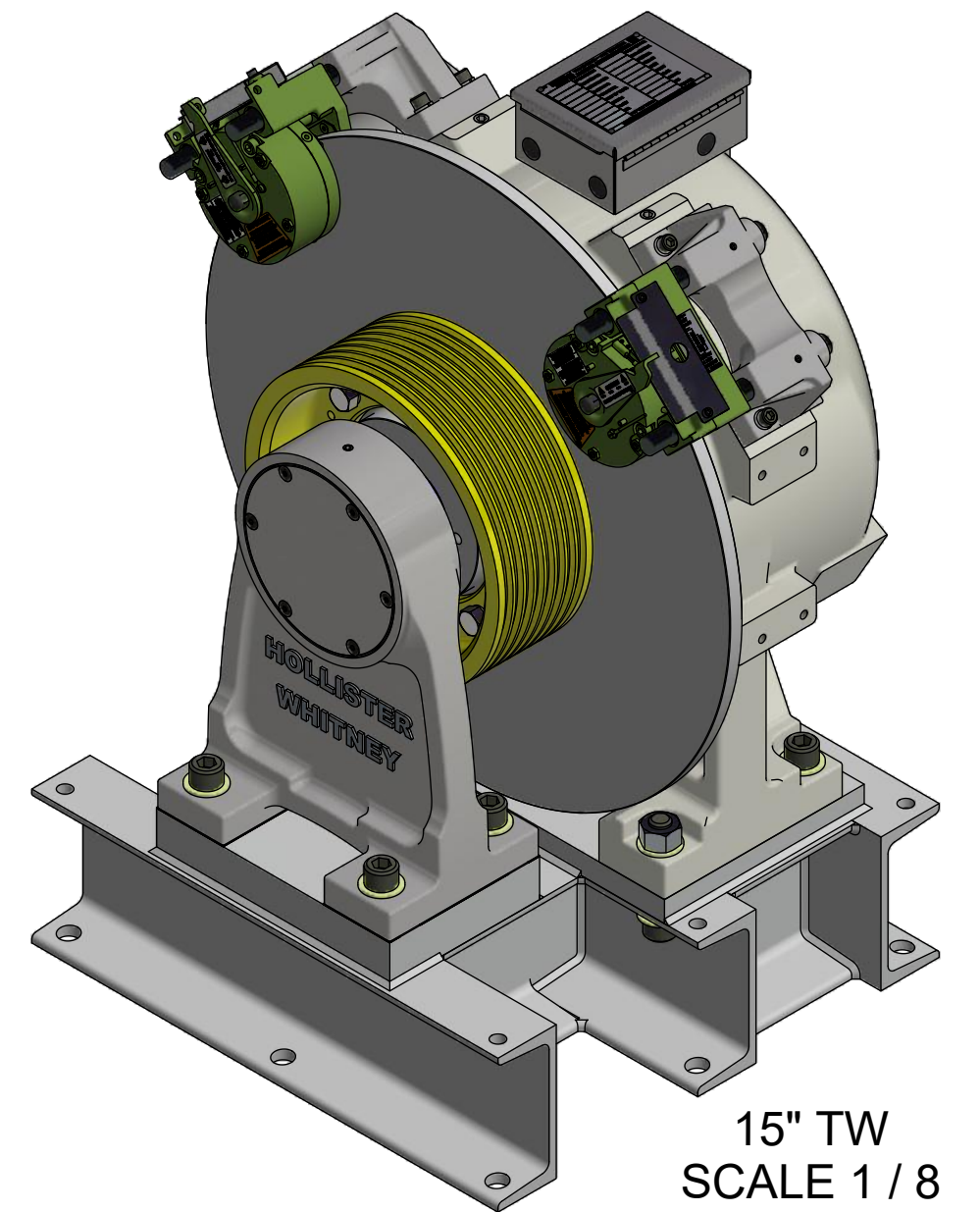
				WEIGHT: 2234.0 lbmass			
				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
				TITLE GEARLESS MACHINE w/OUTBOARD STAND			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.		THIRD ANGLE PROJECTION		SCALE	MATERIAL	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
DRAWN BY LTL		1 / 6		SEE PARTS LIST		DATE 6/27/2014	
SHEET SIZE D						GL131 SHEET 2 OF 2	



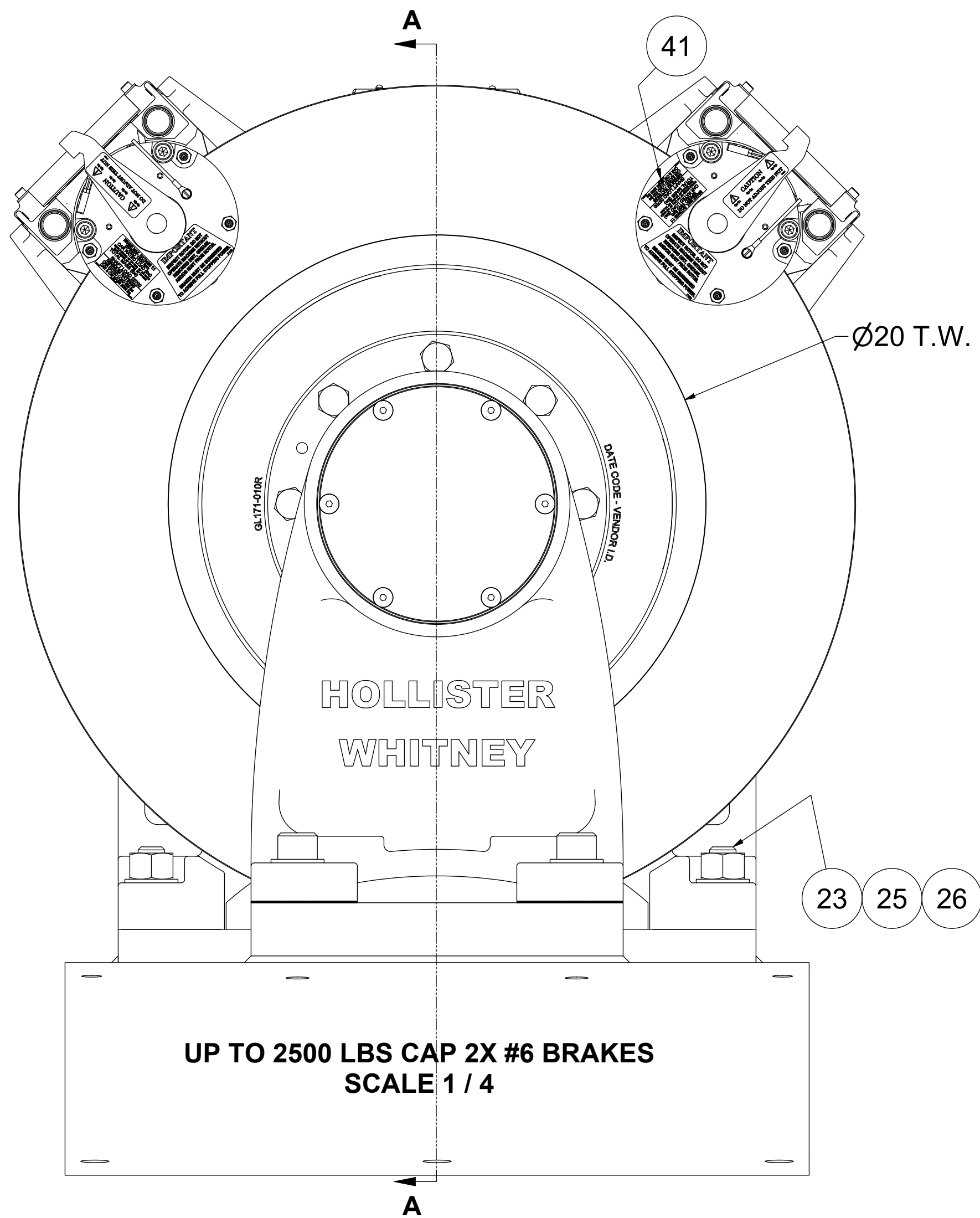
20" TW, 3500 LBS MAX, 2X #8
SCALE 1 / 8



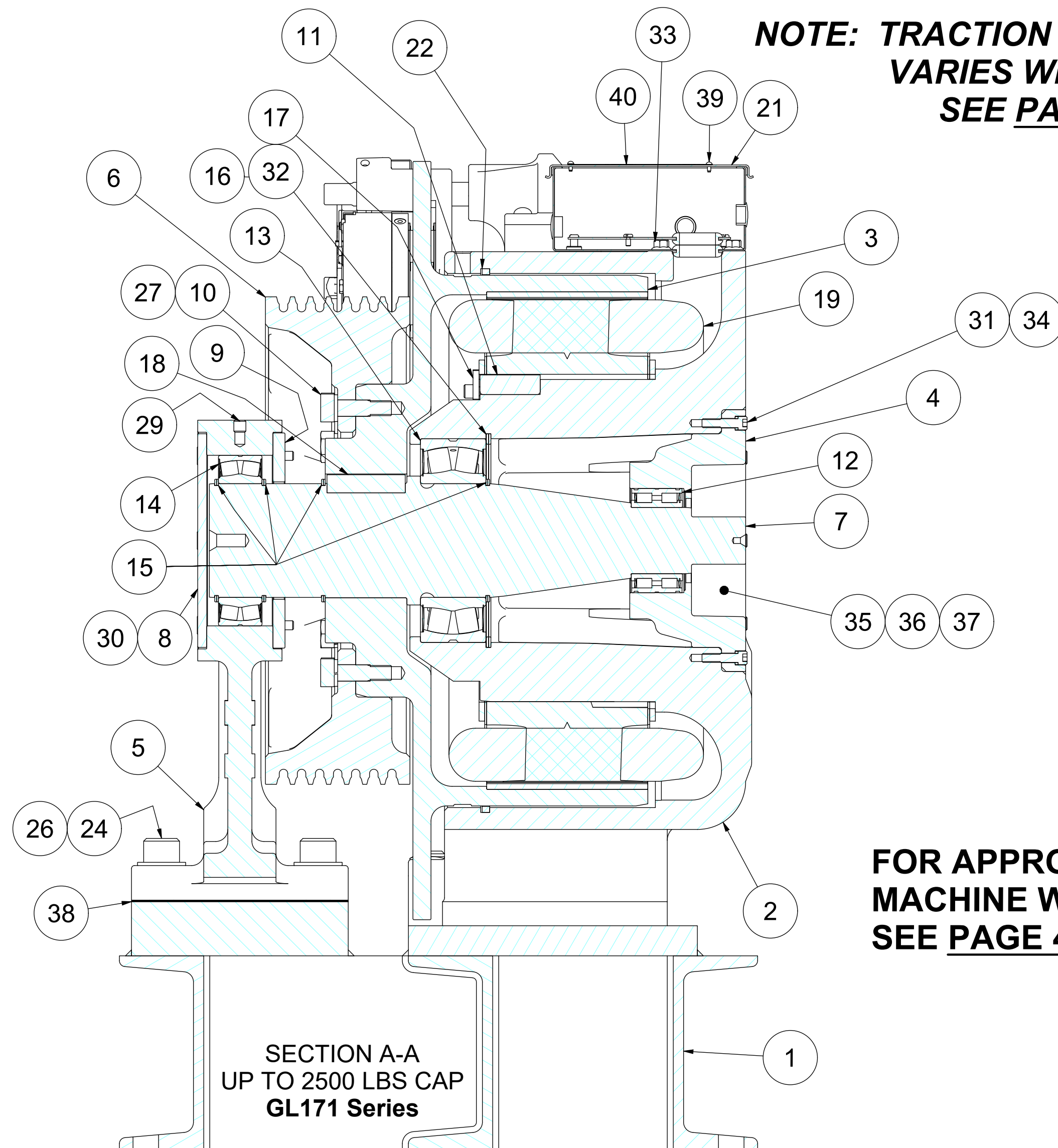
15.75" TW
SCALE 1 / 8



15" TW
SCALE 1 / 8



UP TO 2500 LBS CAP 2X #6 BRAKES
SCALE 1 / 4

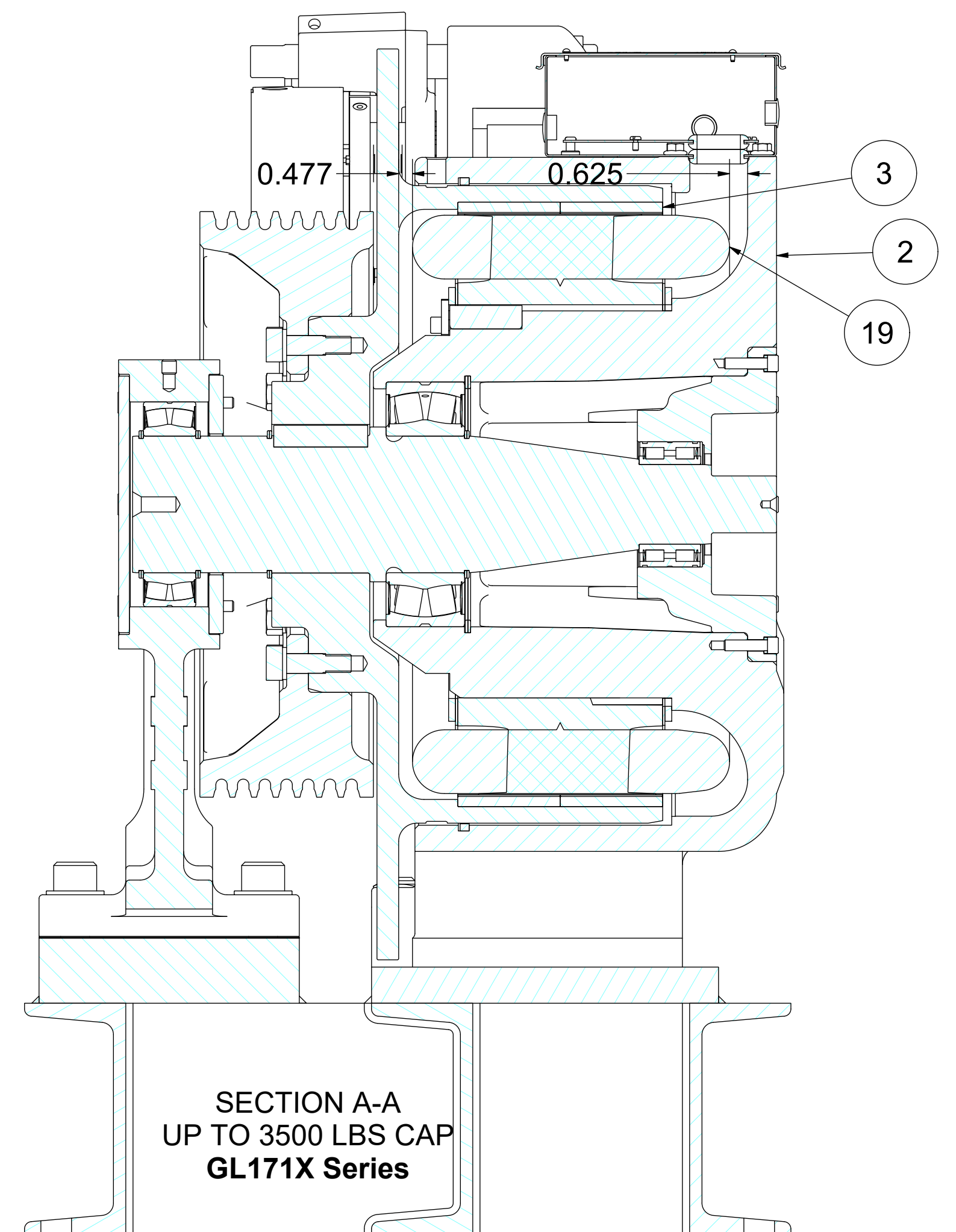


SECTION A-A
UP TO 2500 LBS CAP
GL171 Series

**NOTE: TRACTION WHEEL CENTERLINE
VARIES WITH T.W. SIZE
SEE PAGE 2 OF 4**

**FOR APPROXIMATE
MACHINE WEIGHTS
SEE PAGE 4 OF 4.**

**SEE PAGE 3 OF 4 FOR PARTS LIST AND
APPLICATION DETAIL CHARTS**



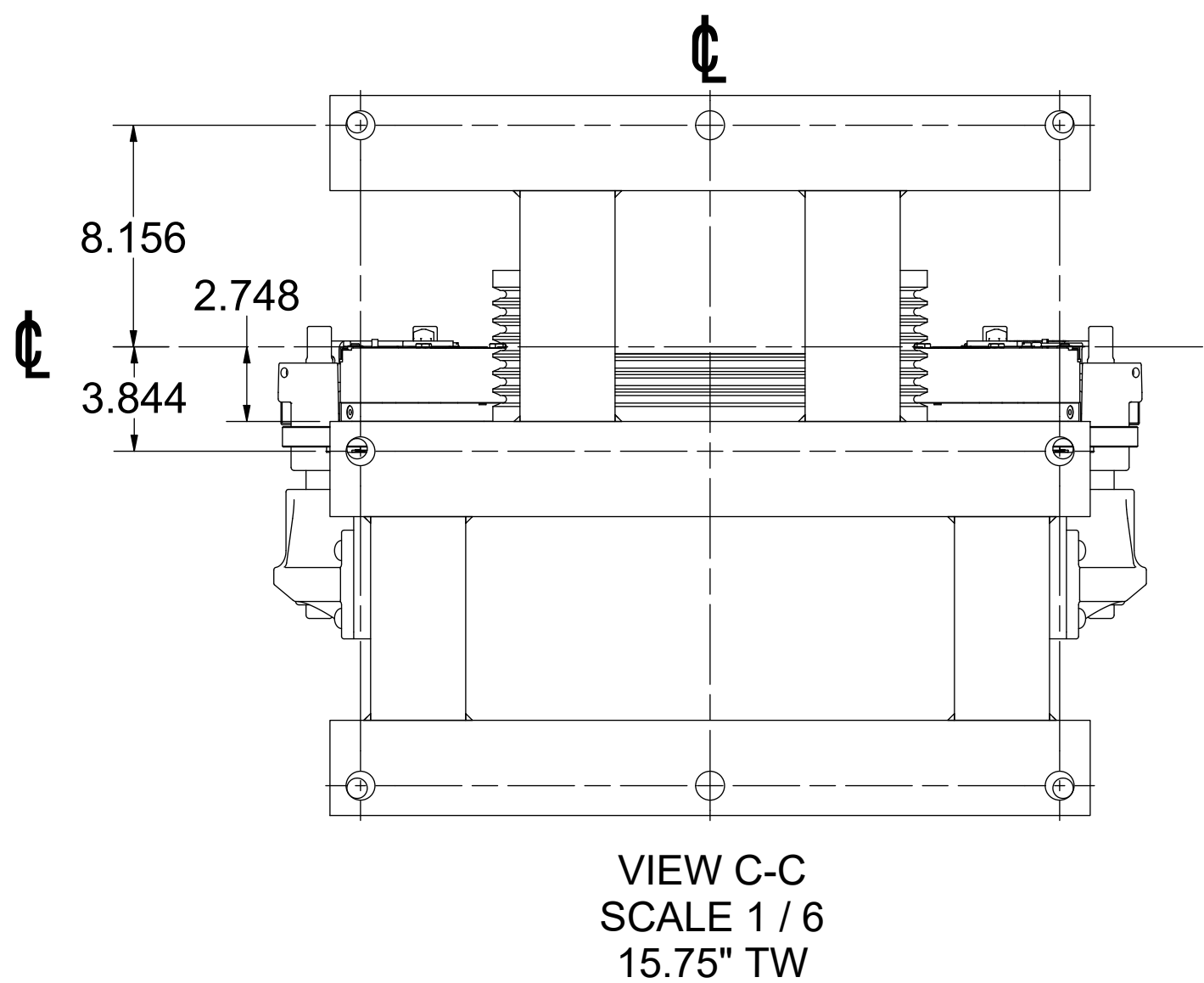
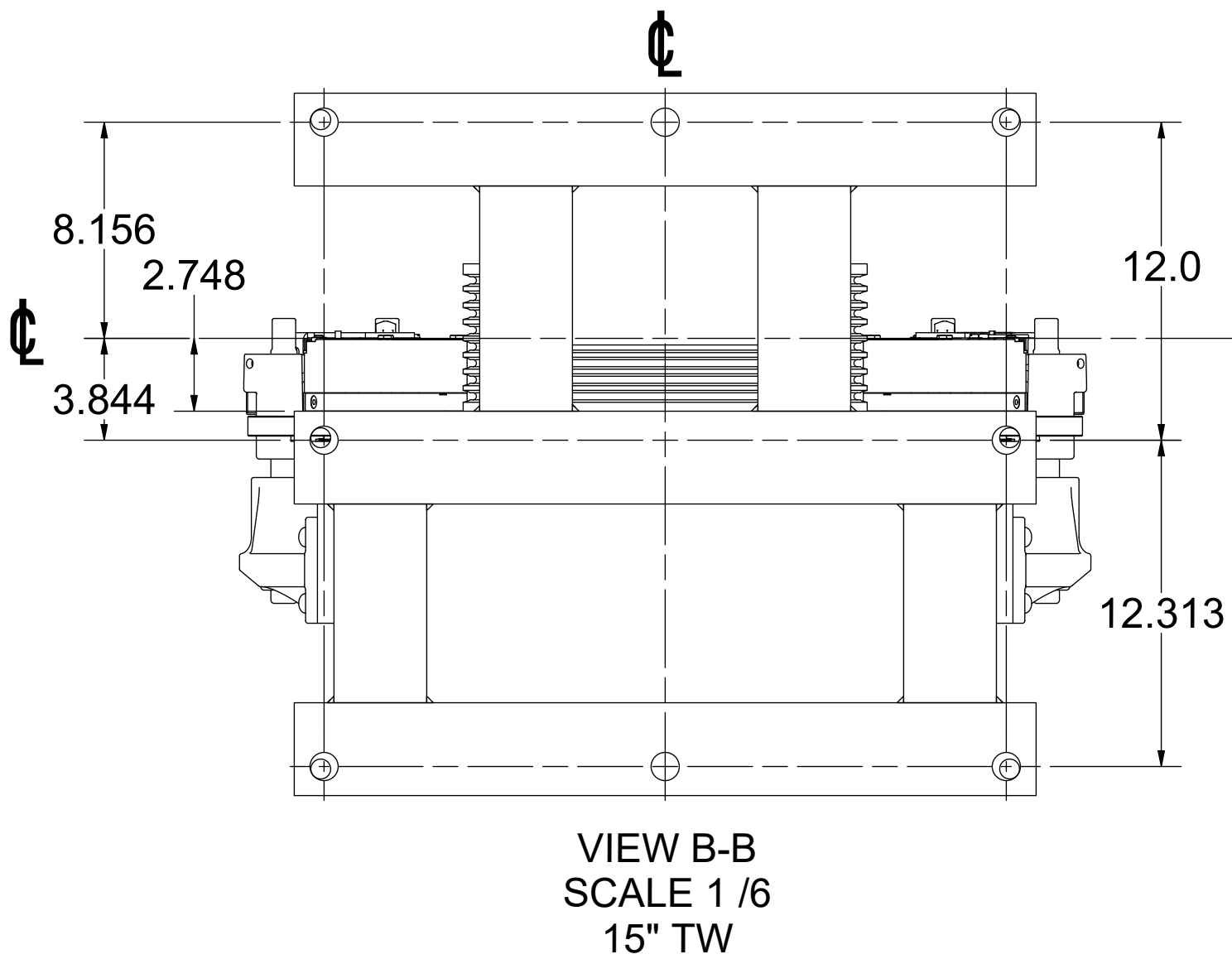
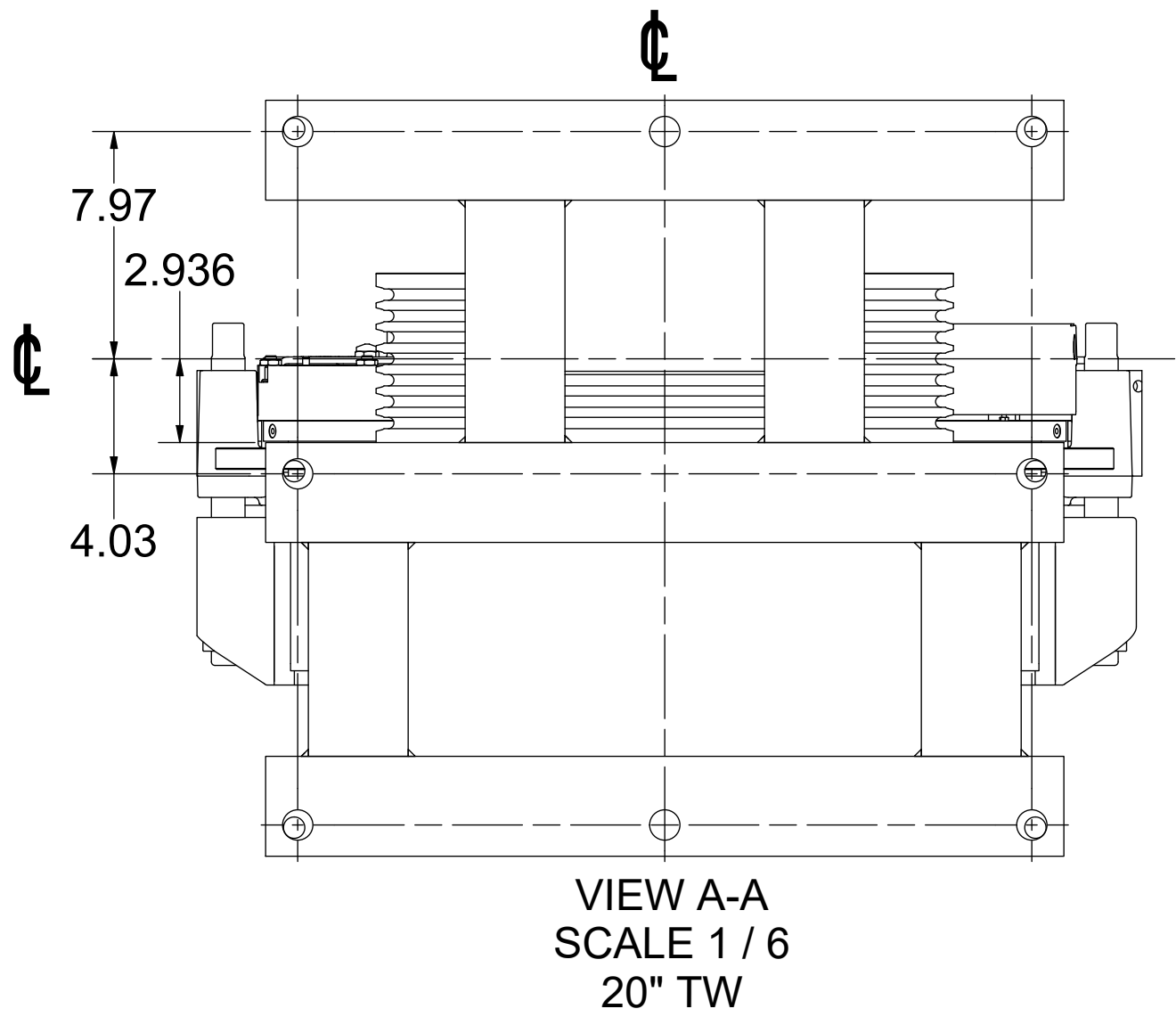
SECTION A-A
UP TO 3500 LBS CAP
GL171X Series

BRAKE NOTES:

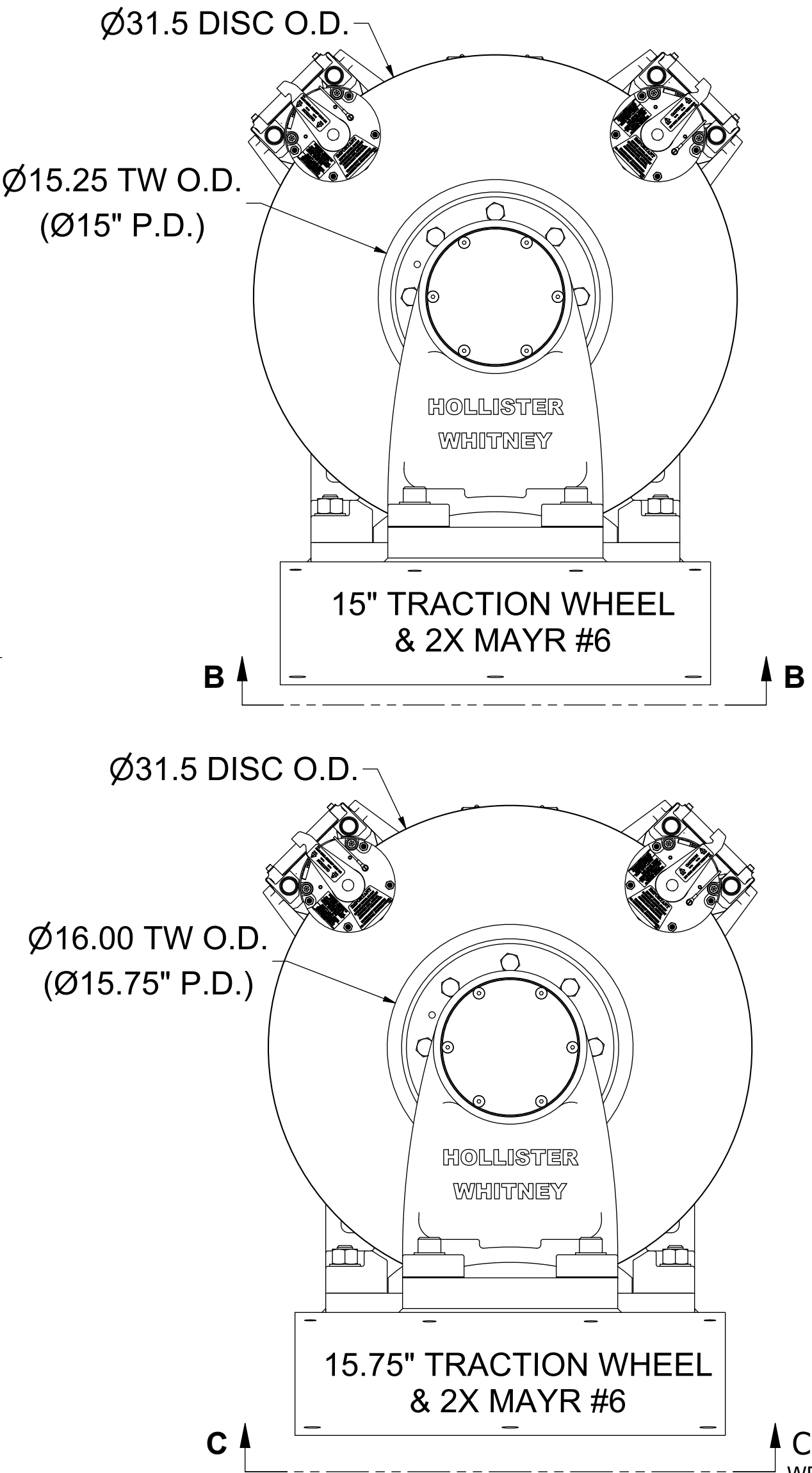
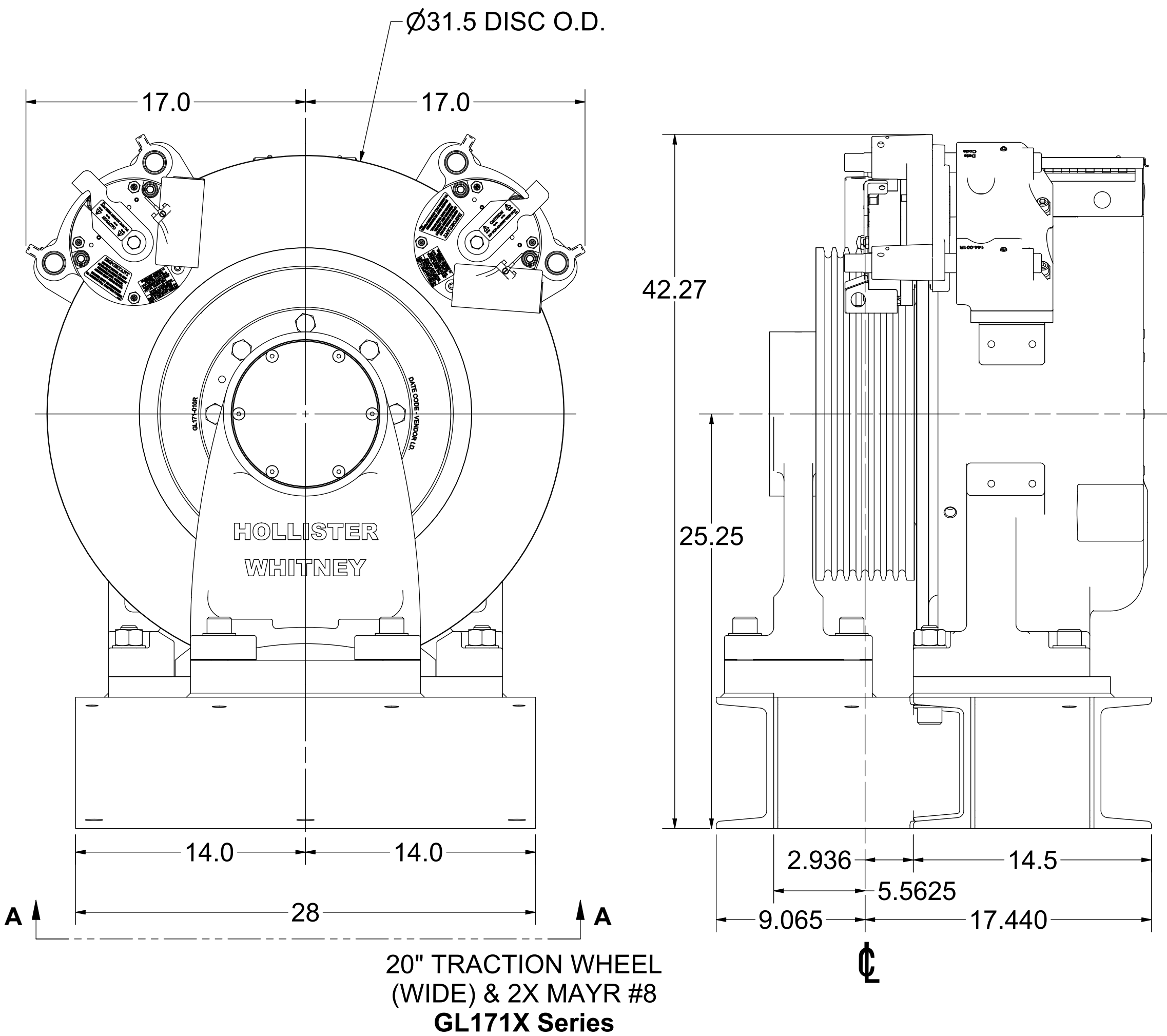
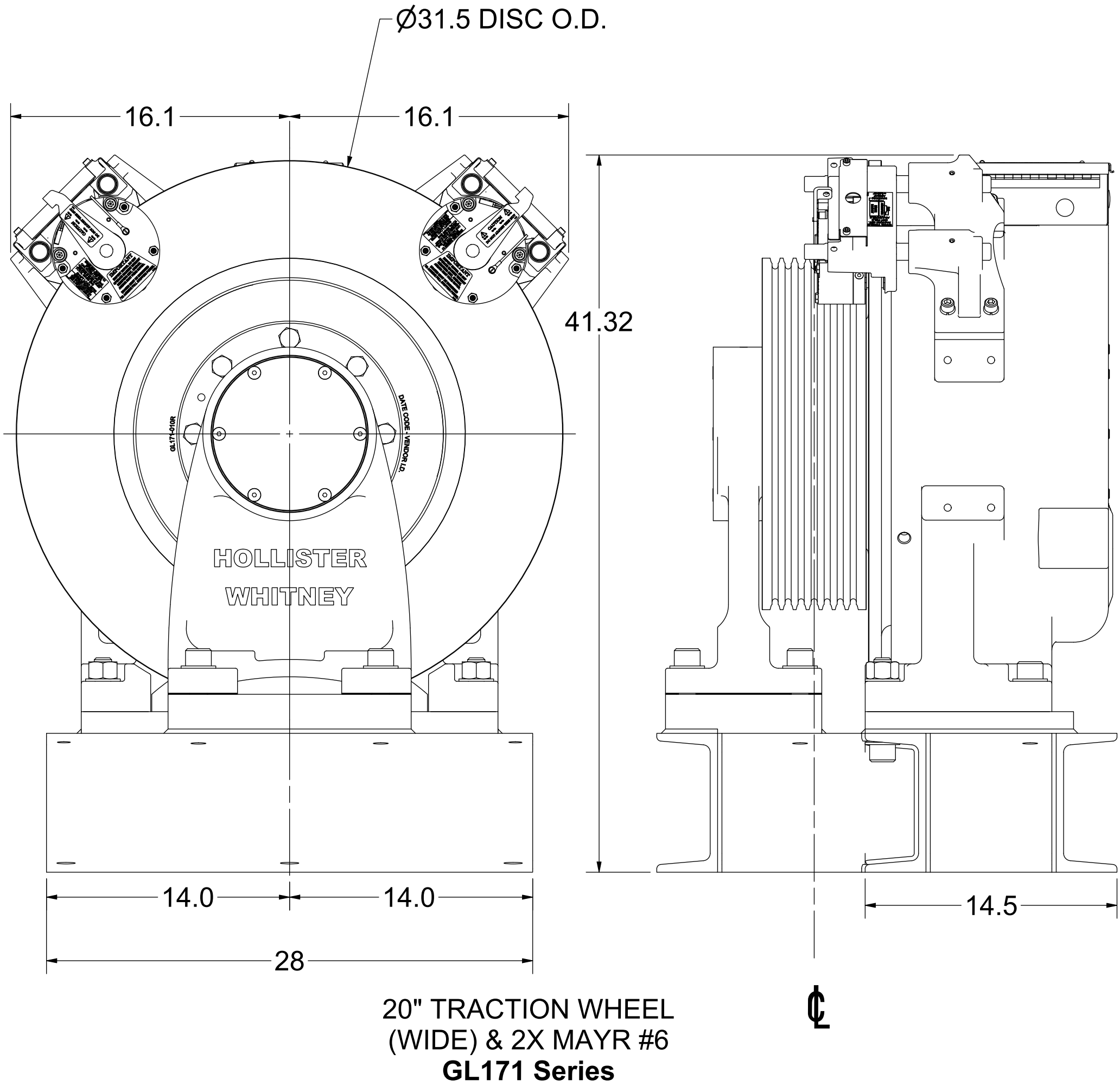
1. MACHINE SHOWN ON PRINT HAS TWO (2) PRIMARY BRAKES SHOWN. ACTUAL BRAKE(S) MAY VARY IN NUMBER, SIZE, AND/OR LOCATION, PER THE NOTES BELOW.
2. BRAKE USE (ITEM 20) BASED ON 20" WHEEL CAPACITIES, AND 50% CB.
3. MACHINE MAY REQUIRE TWO (2) #6, ONE (1) #8, OR TWO (2) #8 BRAKE(S) USED AS PRIMARY MACHINE BRAKE DEPENDING ON CAPACITY SPECIFIED FOR APPLICATION.
4. EMERGENCY SERVICE ADDITIONALLY REQUIRES EITHER ONE (1) ROPE GRIPPER OR DOUBLE THE AMOUNT OF BRAKES ORIGINALLY SPECIFIED.

		U	ADD MACHINE WEIGHTS	LTL			HOLLISTER-WHITNEY		WEIGHT: 2419.3 lbmass	
		T	PAGE 4 OF 4, PUR #1800	8/14/23			ELEVATOR CO. LLC			
			ADD 3500# CAPACITY	LTL			TITLE			
			MACHINE w/BRAKES,	12/8/22			GEARLESS MACHINE w/OUTBOARD STAND			
			ROTOR, HOUSING, WIDE				DRAWN BY		SCALE	
			20" WHEEL, PUR #1712				LTL		1 / 4	
							MATERIAL		SEE PARTS LIST	
							SHEET SIZE		DATE	
							D		9/14/2011	
									GL171	
									SHEET 1 OF 4	

FOR APPROXIMATE
MACHINE WEIGHTS
SEE PAGE 4 OF 4.



**NOTE: TRACTION WHEEL CENTERLINE
VARIES WITH T.W. SIZE**



SEE PAGE 3 OF 4 FOR PARTS LIST AND
APPLICATION DETAIL CHARTS

SEE PAGE 1 OF 4 FOR
REVISIONS

HOLLISTER-WHITNEY ELEVATOR CO. LLC			
GEARLESS MACHINE w/OUTBOARD STAND			
THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 6
SHEET SIZE D		DATE 9/14/2011	
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.		GL171 SHEET 2 OF 4	

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-01	BASE FABRICATION - FINISHED
2	1	GL170-001	BASE HOUSING, MOTOR #GL170
		GL180-001	BASE HOUSING, MOTOR #GL181
3	1	GL171-002	ROTOR ASSEMBLY, MOTOR #GL170, TO 2500# CAP 50% CB
		GL181-002	ROTOR ASSEMBLY, MOTOR #GL181, TO 3500# CAP 50% CB
4	1	GL130-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL100-009	15" TW (8 x 3/8" ROPE MAX)
		GL171-010	20" TW (7 x 1/2" ROPE MAX)
		GL100-011	15.75" TW (8 x 3/8" ROPE MAX)
7	1	GL171-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL100-089	Bearing, Sealed Double Row Cylindrical Roller
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL171-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL181-100	WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELOW
		GL171-100	WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELOW
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL.) SEE BELOW
20	1	GL130-144	DISC BRAKE (MAYR #8) -- THRU 1875# CAP 50% CB
	2	GL100-146	DISC BRAKE (MAYR #6) -- 1876# TO 2500# CAP 50% CB
	2	GL130-144	DISC BRAKE (MAYR #8) -- 2501# TO 3500# CAP 50% CB
21	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
22	1	GL100-165	FELT DUST SEAL
23	2	1 - 8 UNC x 5"	SOCKET HEAD CAP SCREW
24	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
25	2	1 - 8 UNC NUT	HEAVY HEX NUT
26	10	1" WASHER	SAE WASHER
27	8	M18 LOCKWASHER-DIN 127B	HELICAL SPRING LOCK WASHER - BODY BOLT
28	2	3/4-10 UNC x 0.75	SET SCREW (HOLE PLUG)
29	1	1/2-13 UNC x 0.5	SET SCREW (HOLE PLUG)
30	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
31	8	3/8 - 16 UNC - 1 1/2	SOCKET HEAD CAP SCREW
32	3	3/8 - 16 UNC - 1	SOCKET HEAD CAP SCREW
33	4	3/8-16 UNC x 0.625	WHIZ BOLT
34	8	0.375 WASHER	CAP SCREW LOCK WASHER
35	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
36	4	#8 WASHER	INT. TOOTH LOCKWASHER
37	1	ECN-113	ID# 81800-61 2048PPR 50mm HEIDENHAIN ENCODER
38	AS NEC.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
39	4	#6 U x 0.3125	DRIVE SCREW
40	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
41	1 or 2	P-242	TAG, GL171 & GL181 - BRAKE RATINGS FOR MAYR #8
	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6

THESE APPLICATIONS USING WINDINGS DESIGNED FOR 1:1											
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	ROPED 1:1			ROPED 2:1		
						CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL171-20L	GL171-170-200	87	170	170	38.2	200	158	150	100	79	75
GL171-20H	GL171-360-200	87	170	360	38.2	200	158	150	100	79	75
GL171X-35H	GL181-380-350	87	170	380	66.8	350	276	263	175	138	131
GL171-40L	GL171-170-400	87	170	170	76.4	400	315	300	200	158	150
THESE APPLICATIONS USING WINDINGS DESIGNED FOR 2:1											
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	ROPED 1:1			ROPED 2:1		
						CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL171-70L	GL170-170-350	93.9	170	170	178.3	933	735	700	467	368	350
GL171-70H	GL170-360-350	94	170	360	178.3	933	735	700	467	368	350

	TRACTION WHEEL	ROPING	COUNTER BALANCE %					BRAKES REQUIRED
			50	47.5	45	42.5	40	
			CAPACITY (LBS)					
GL171-70	15"	1:1	2500	2375	2250	2150	2075	1X MAYR #8
		2:1	5000	4750	4525	4325	4150	
	15.75"	1:1	2375	2250	2150	2050	1975	
		2:1	4750	4525	4325	4125	3950	
	20"	1:1	1875	1775	1700	1625	1550	
		2:1	3750	3550	3400	3250	3125	
GL171-40 GL171-20	15"	1:1	3325	3225	3125	3025	2925	2X MAYR #6
		2:1	6650	6450	6250	6050	5875	
	15.75"	1:1	3150	3050	2975	2875	2800	
		2:1	6325	6125	5950	5750	5600	
	20"	1:1	2500	2400	2325	2250	2200	
		2:1	5000	4825	4675	4525	4400	
GL171X-35	15"	1:1	4650	4425	4225	4050	3875	2X MAYR #8
		2:1	9300	8850	8450	8100	7750	
	15.75"	1:1	4425	4225	4025	3850	3700	
		2:1	8850	8450	8050	7700	7400	
	20"	1:1	3500	3325	3175	3025	2900	
		2:1	7000	6650	6350	6050	5800	

FOR APPROXIMATE
MACHINE WEIGHTS
SEE PAGE 4 OF 4.

SEE PAGE 1 OF 4 FOR
REVISIONS

WEIGHT:

HOLLISTER-WHITNEY
ELEVATOR CO. LLC

TITLE
GEARLESS MACHINE w/OUTBOARD STAND

THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT
HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO
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THIRD ANGLE PROJECTION

DRAWN BY
LTL

SCALE

MATERIAL

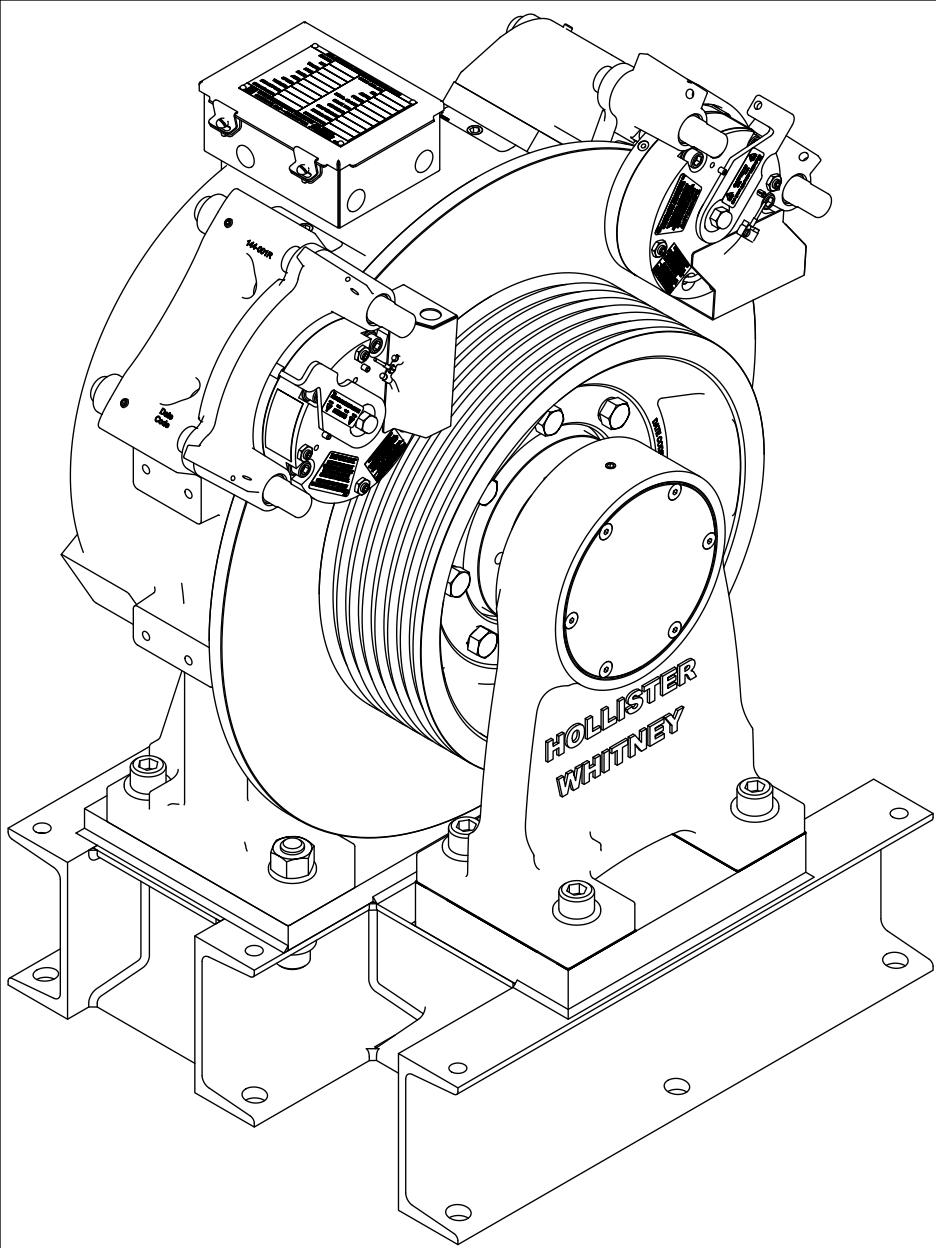
DATE
9/14/2011

SEE PARTS LIST

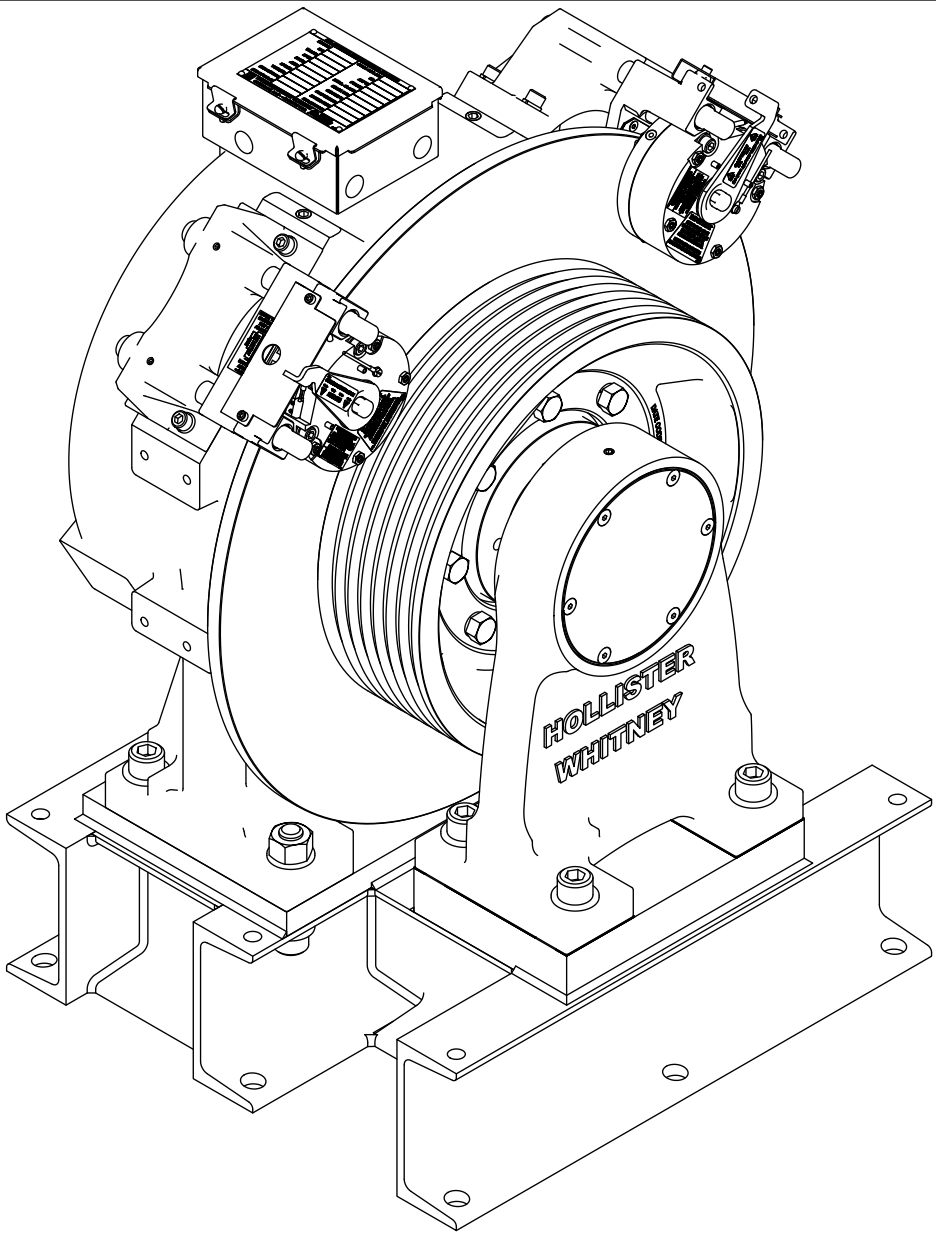
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ALL DIMENSIONS REFERENCE
UNLESS OTHERWISE
SPECIFIED

SHEET SIZE
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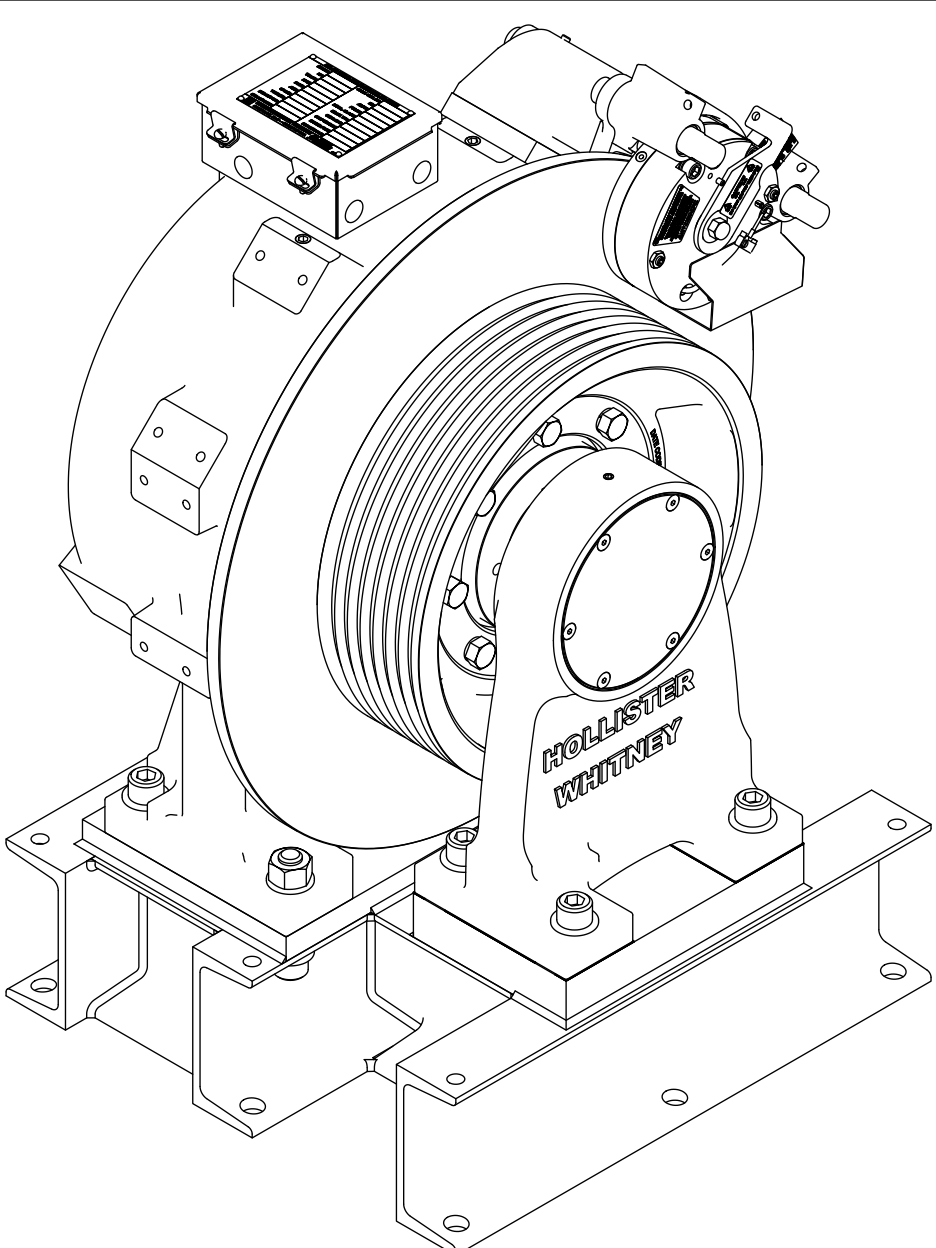
GL171
SHEET 3 OF 4



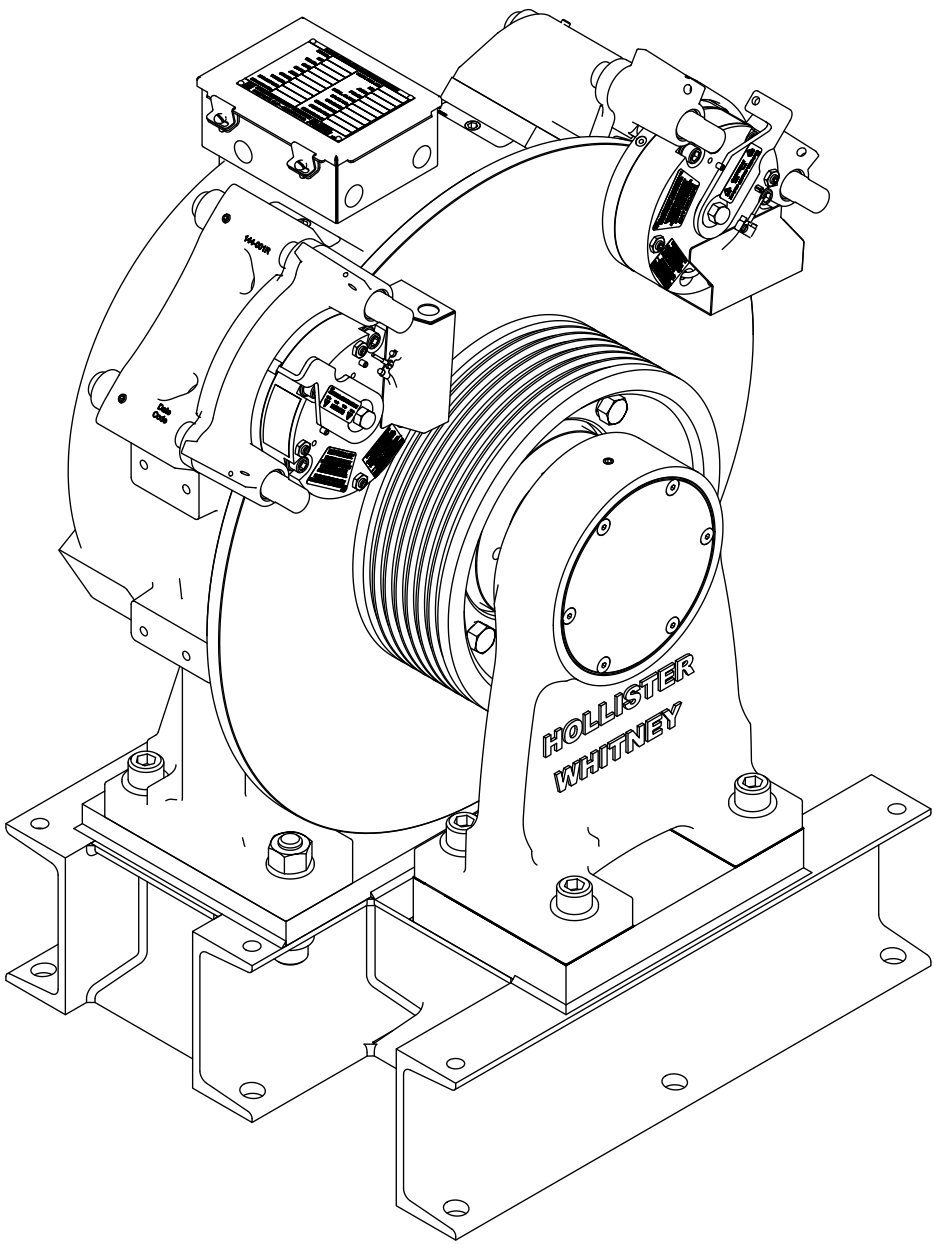
GL171X, 20" TW 2 x #8 Brakes
2560 lbmass
SCALE 1 / 8



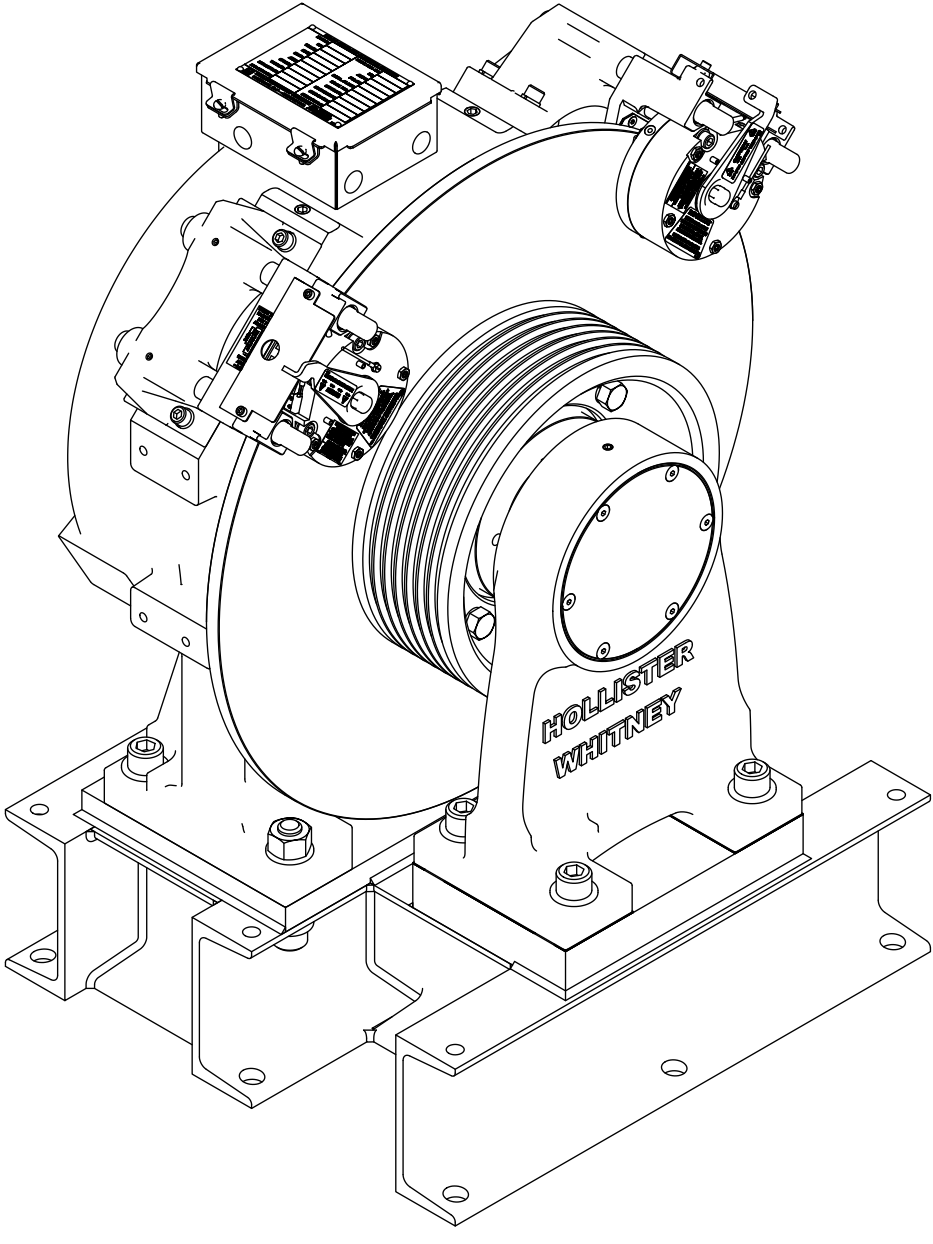
GL171, 20" TW 2 x #6 Brakes
2419 lbmass
SCALE 1 / 8



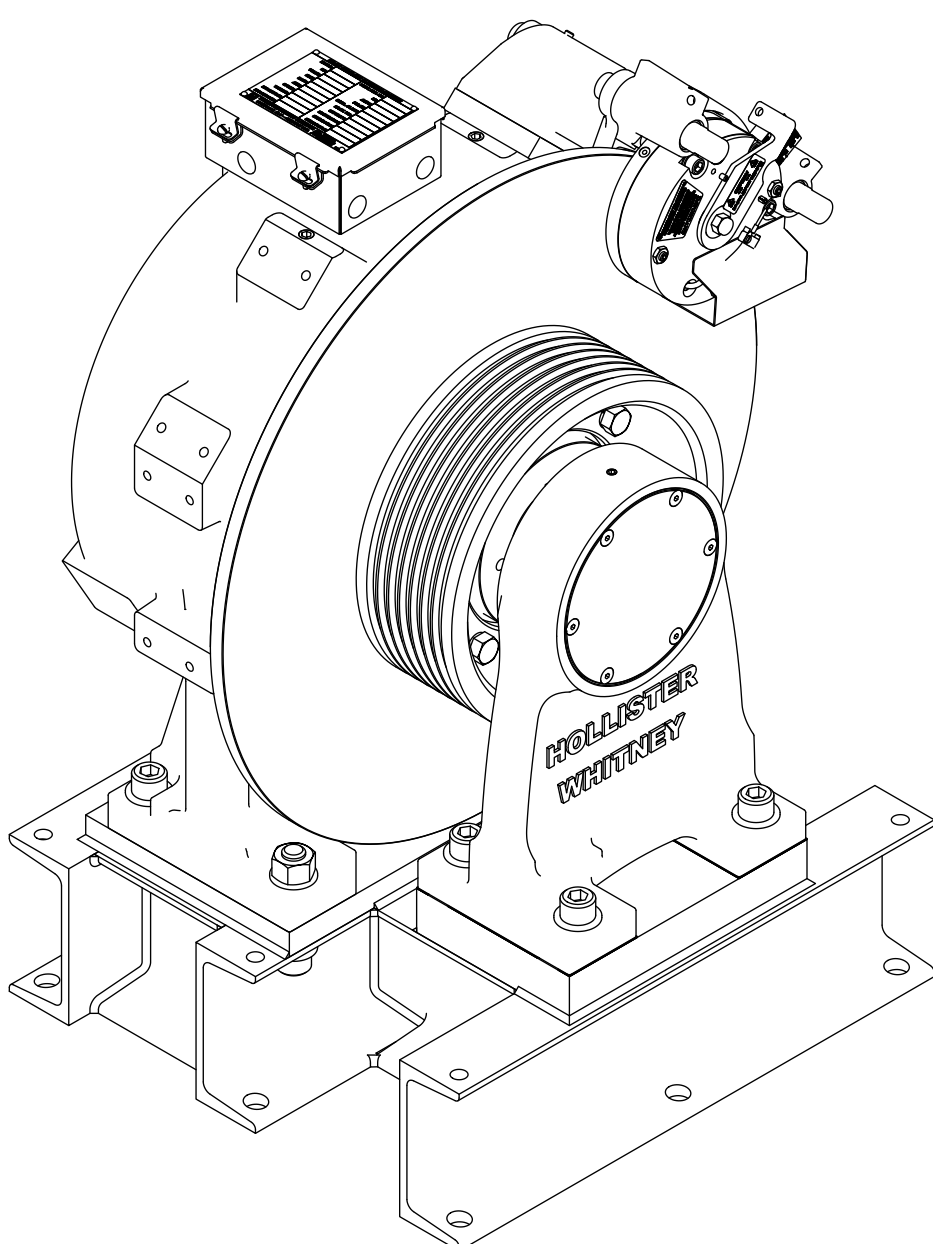
GL171, 20" TW 1 x #8 Brakes
2415 lbmass
SCALE 1 / 8



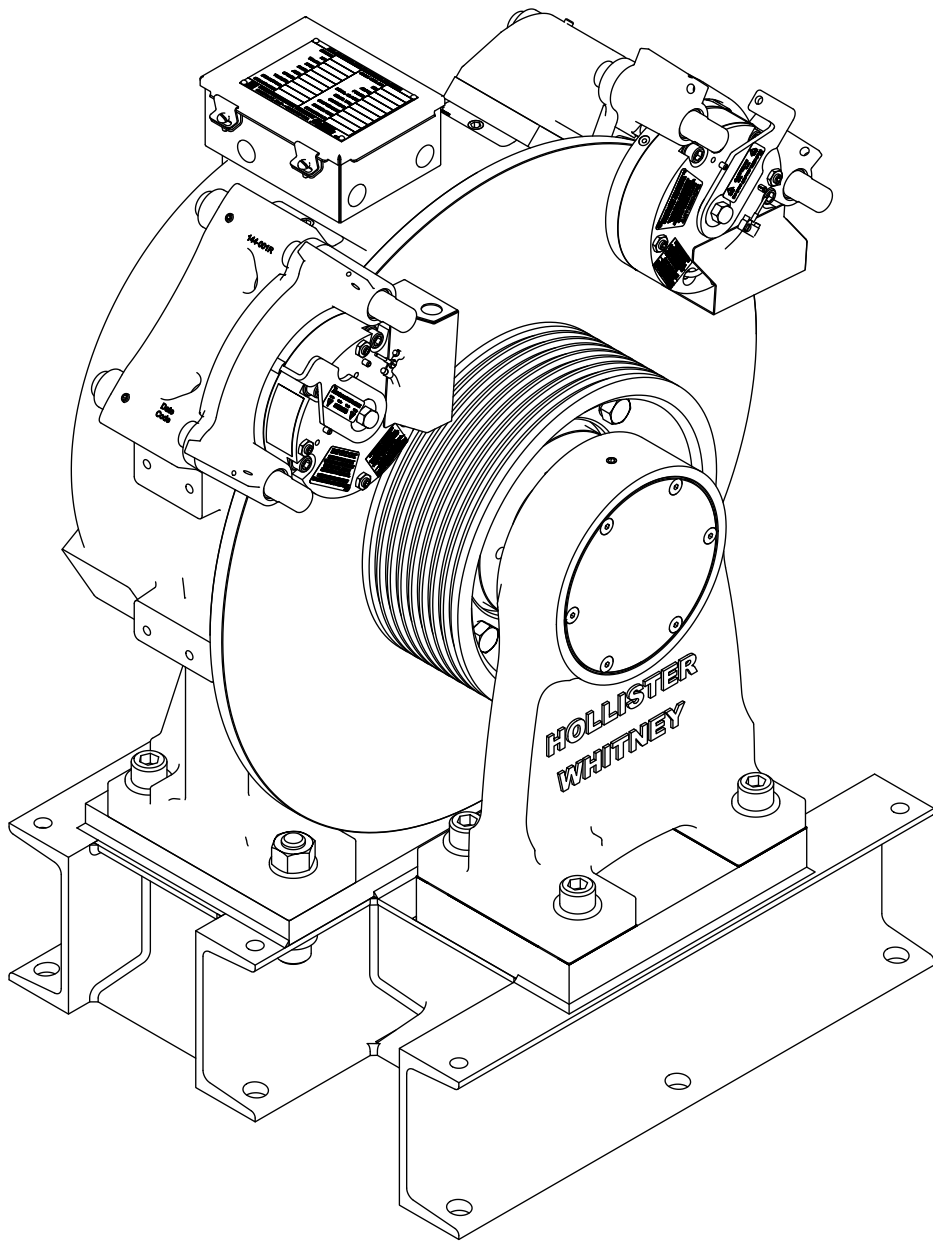
GL171X, 15.75" TW 2 x #8 Brakes
2464 lbmass
SCALE 1 / 8



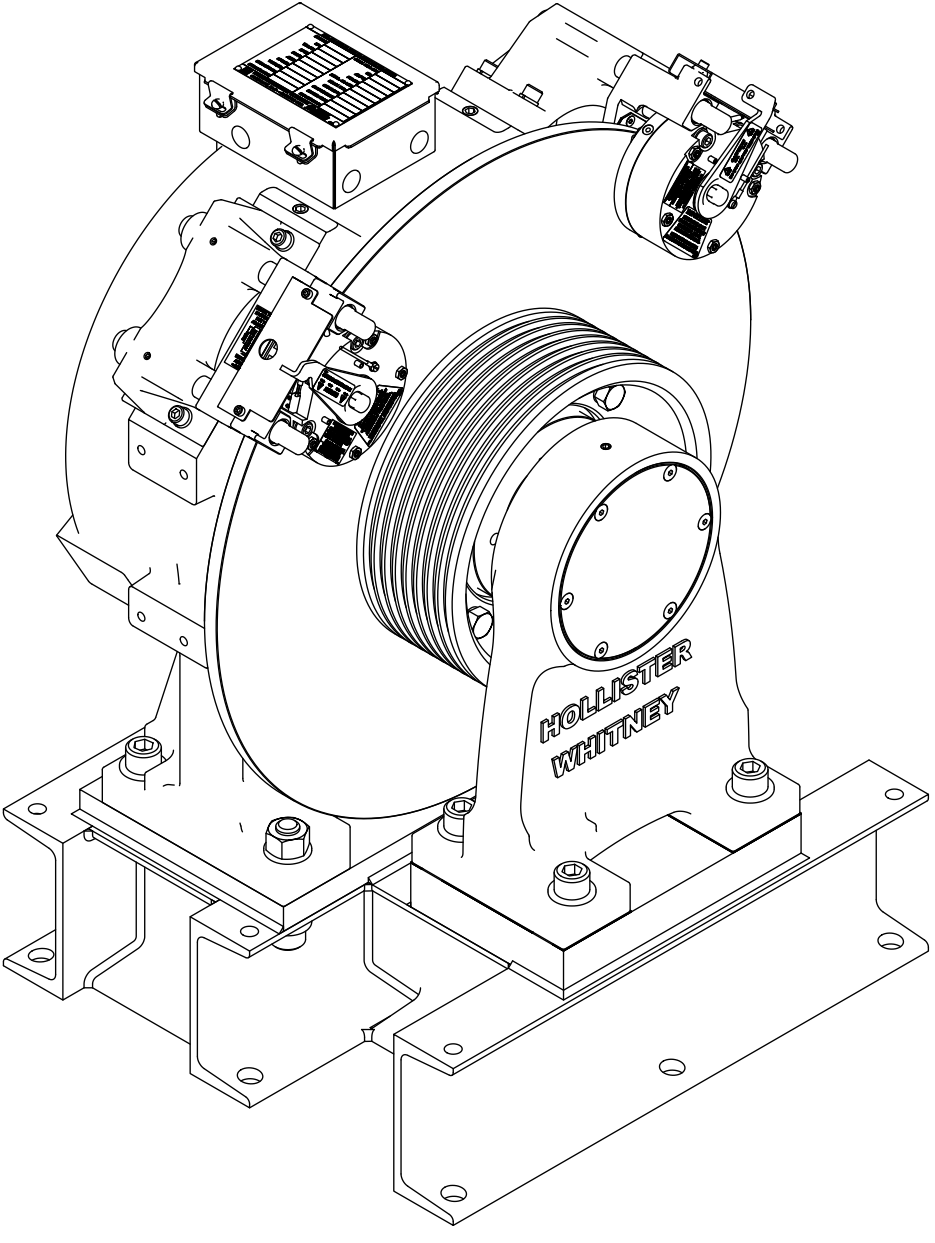
GL171, 15.75" TW 2 x #6 Brakes
2322 lbmass
SCALE 1 / 8



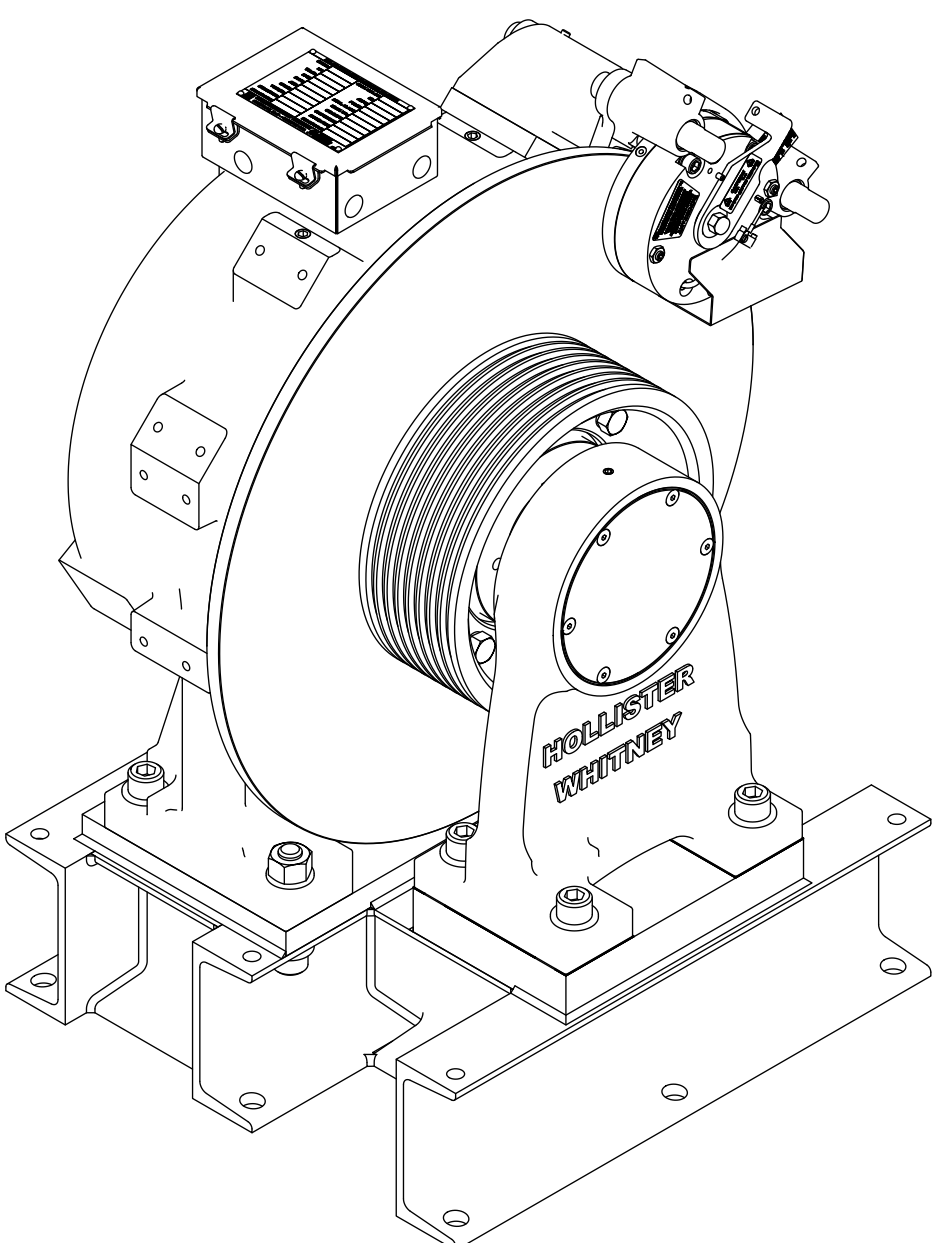
GL171, 15.75" TW 1 x #8 Brakes
2318 lbmass
SCALE 1 / 8



GL171X, 15" TW 2 x #8 Brakes
2443 lbmass
SCALE 1 / 8



GL171, 15" TW 2 x #6 Brakes
2302 lbmass
SCALE 1 / 8

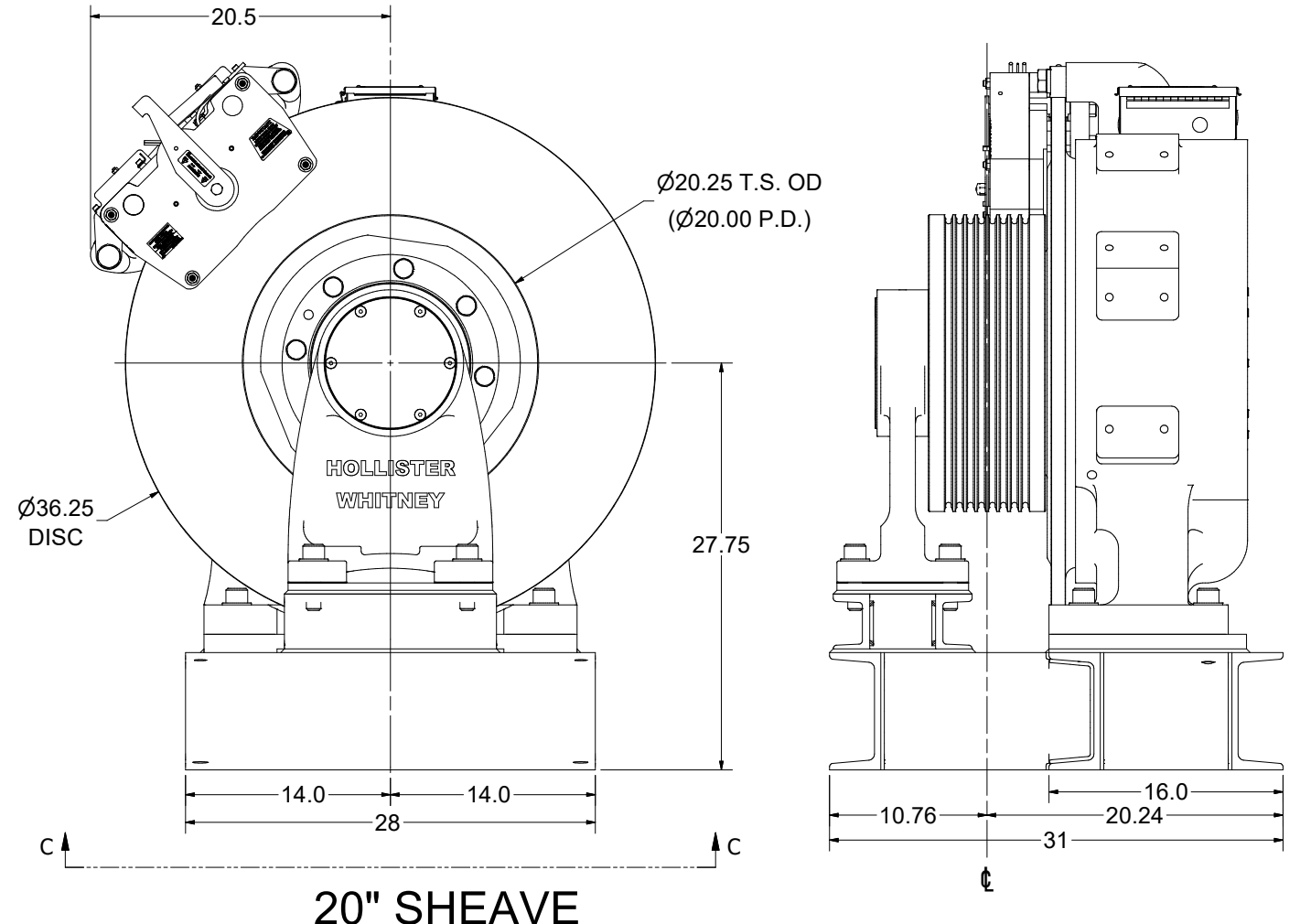
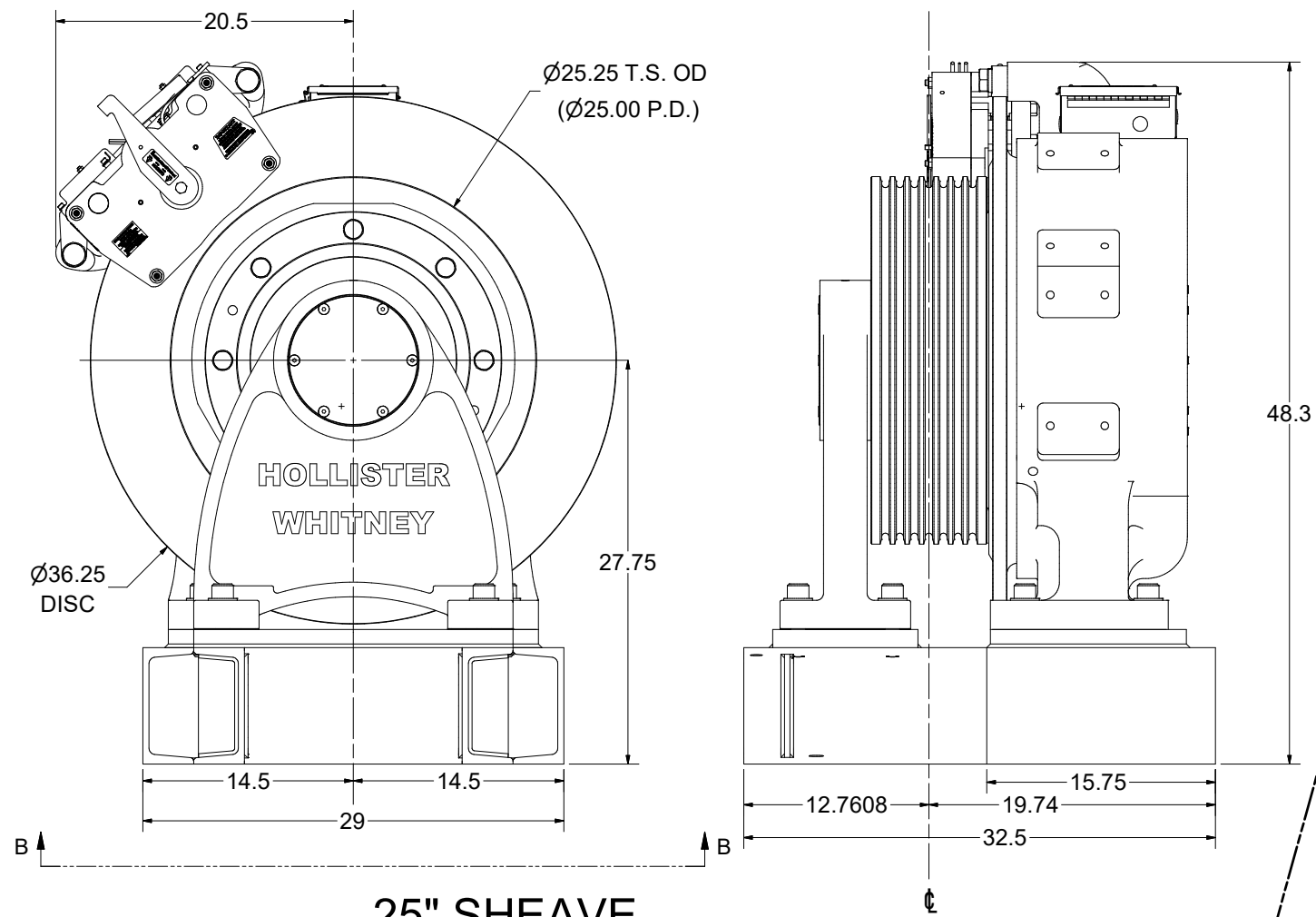
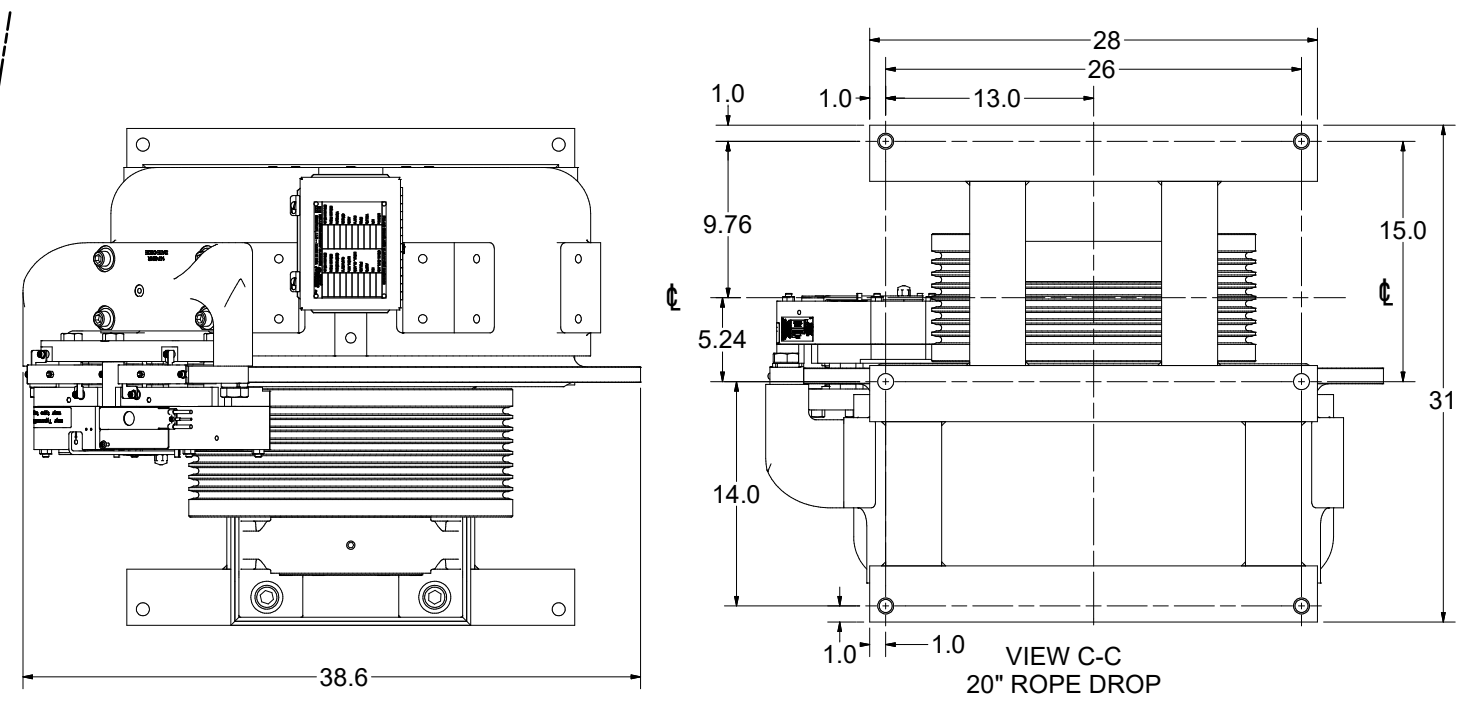
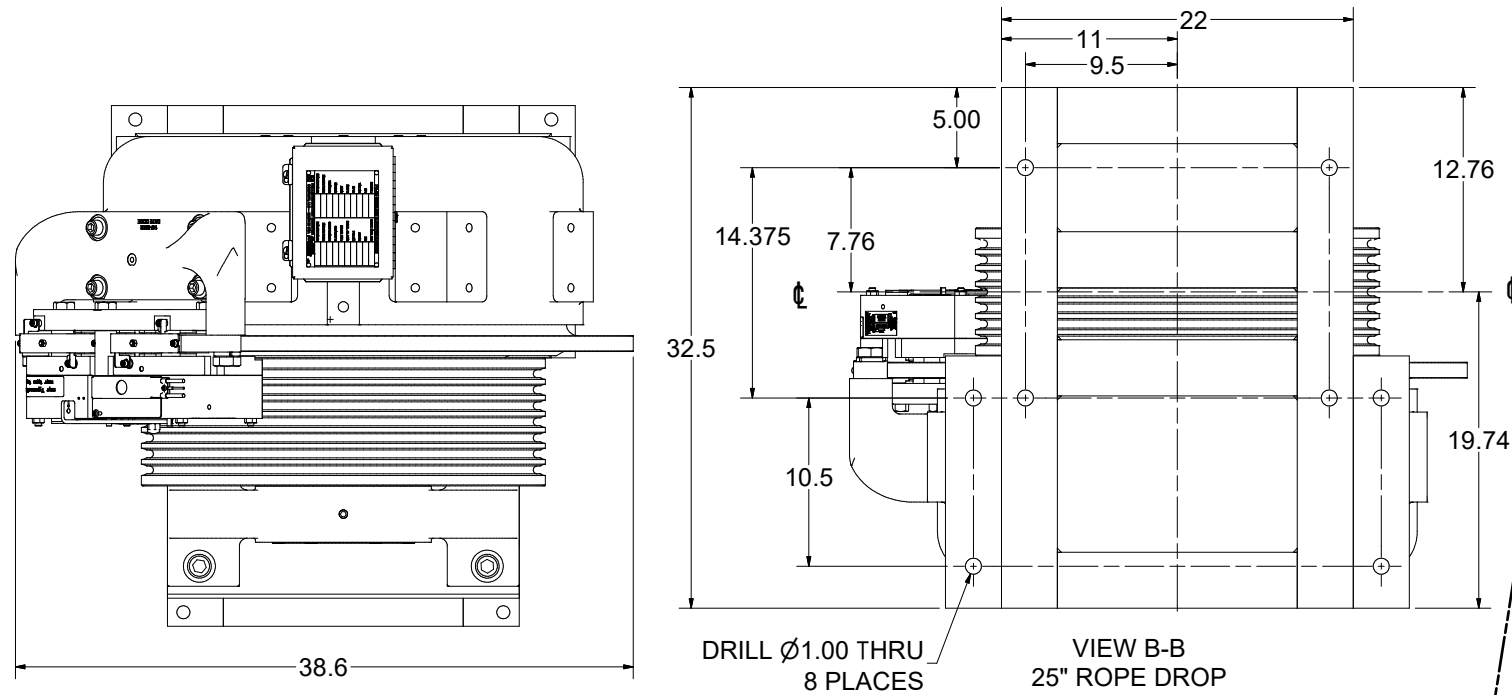


GL171, 15" TW 1 x #8 Brakes
2298 lbmass
SCALE 1 / 8

WEIGHT: 2559.7 lbmass

SEE PAGE 1 OF 4 FOR REVISIONS

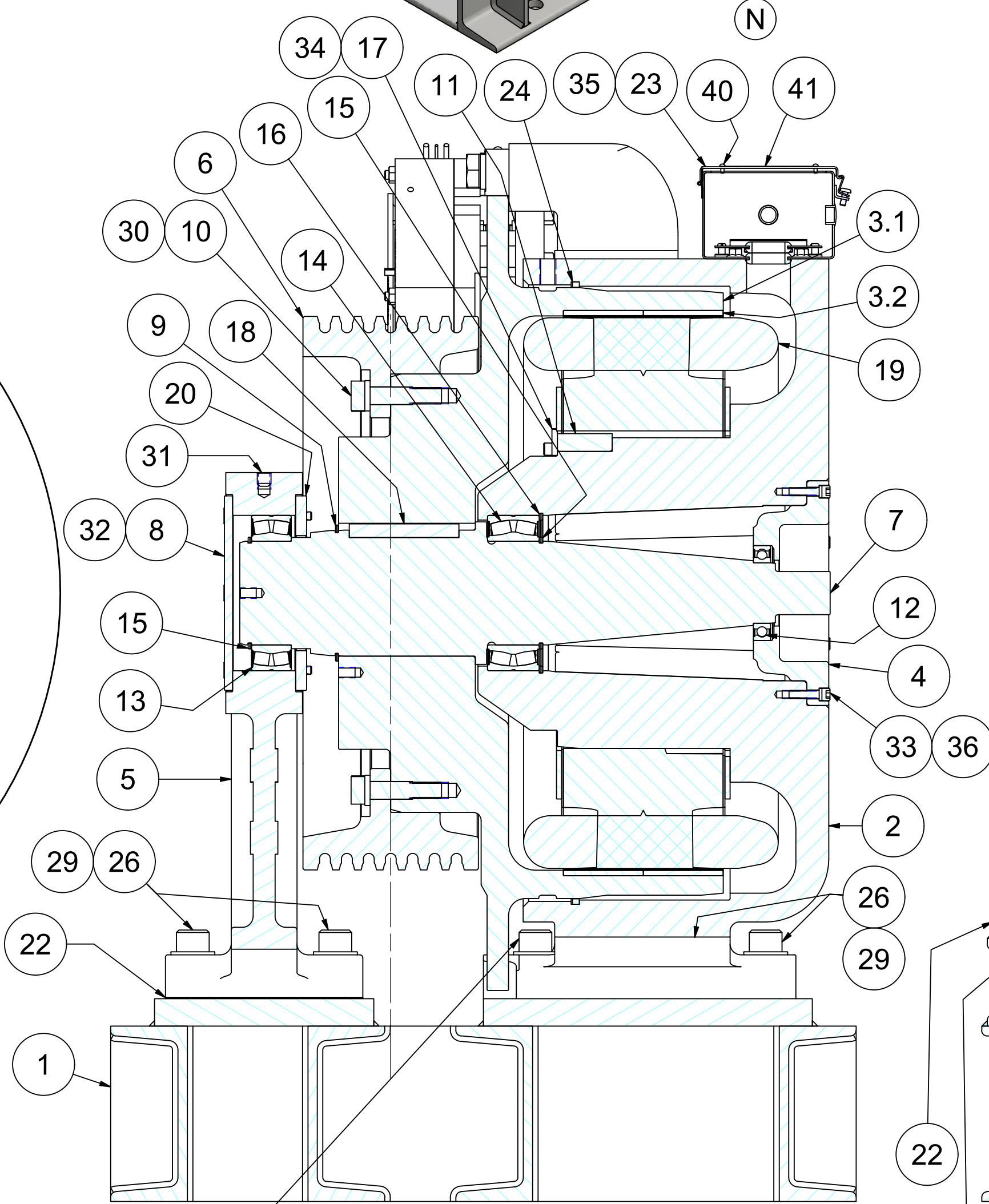
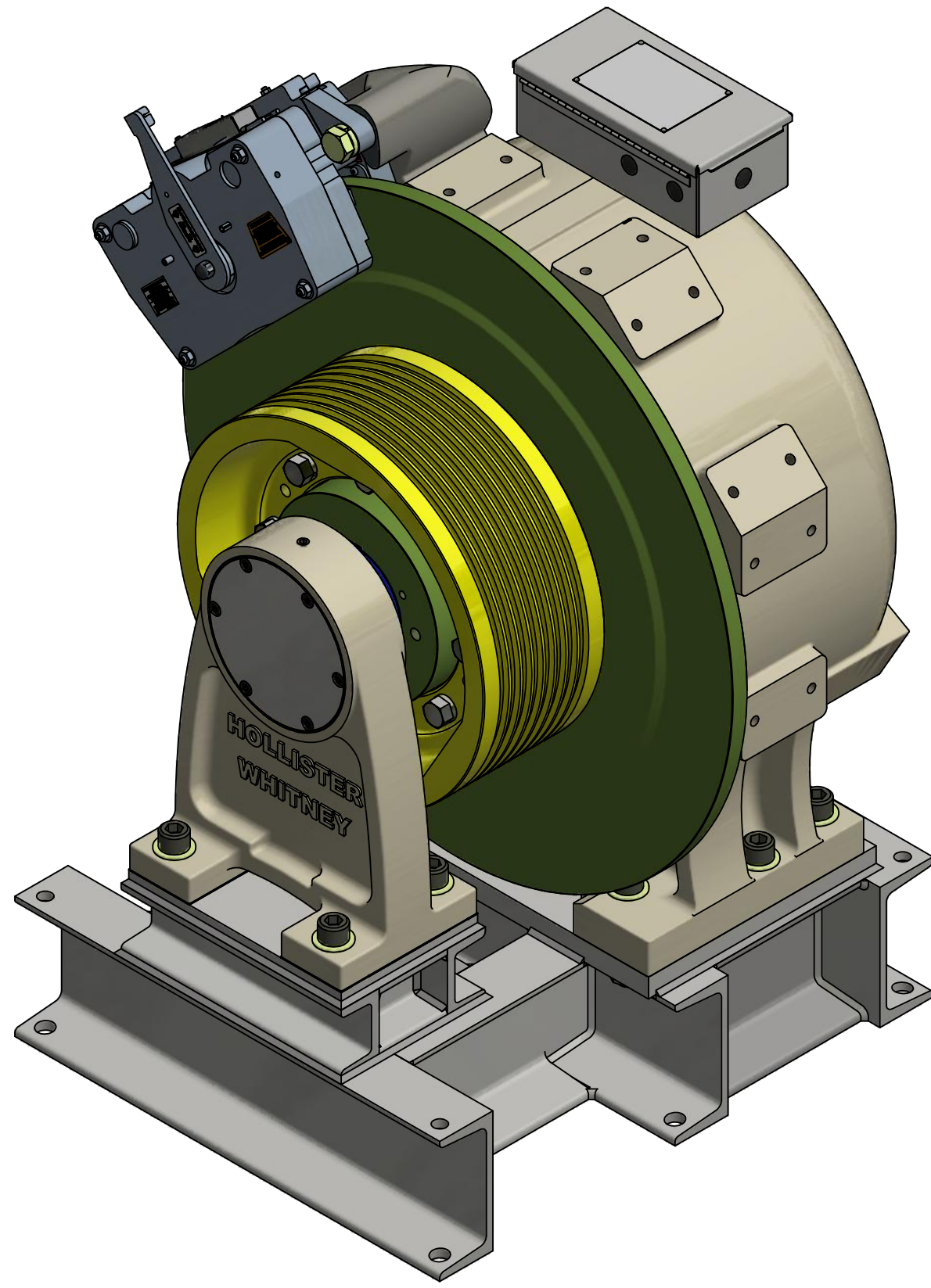
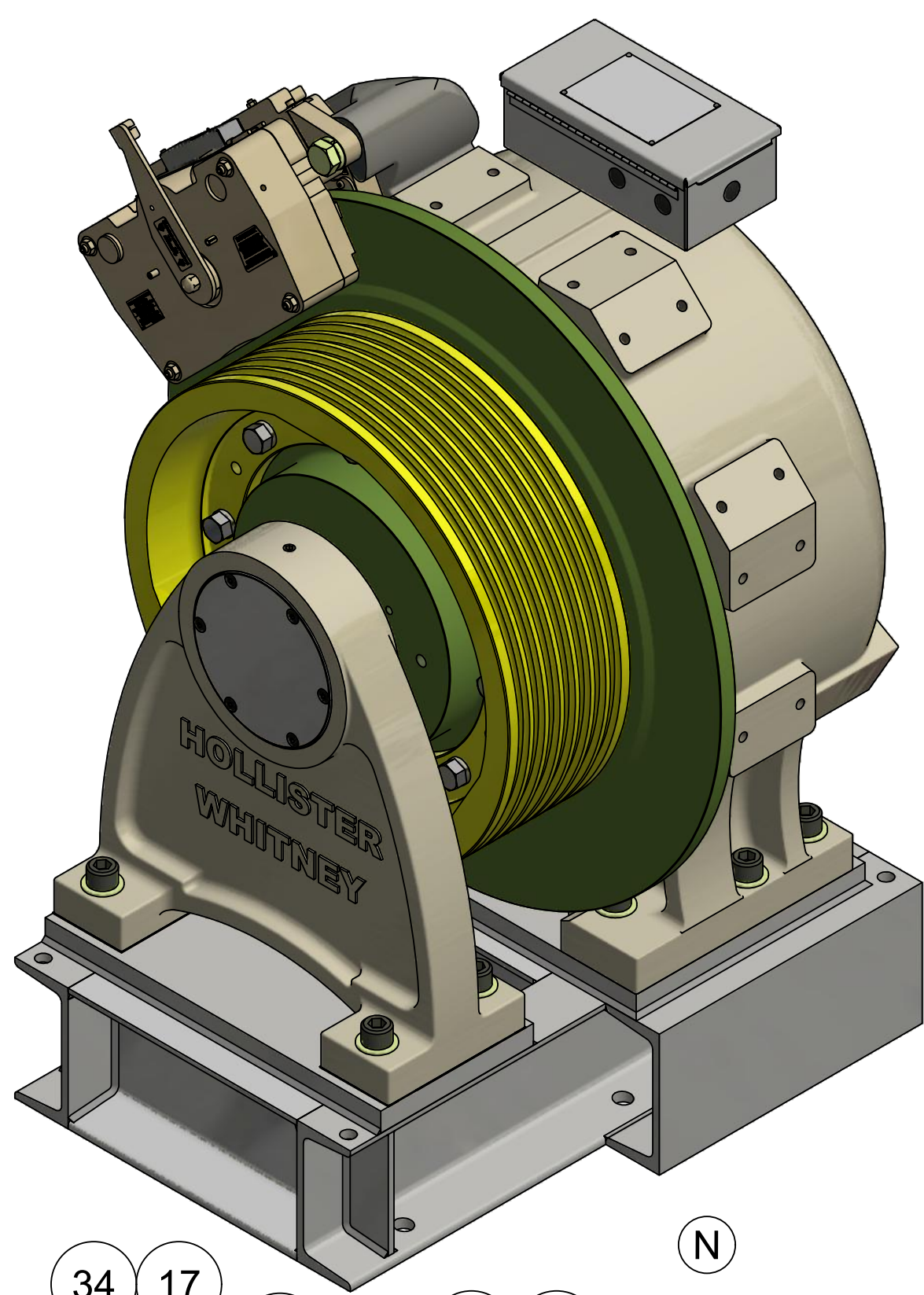
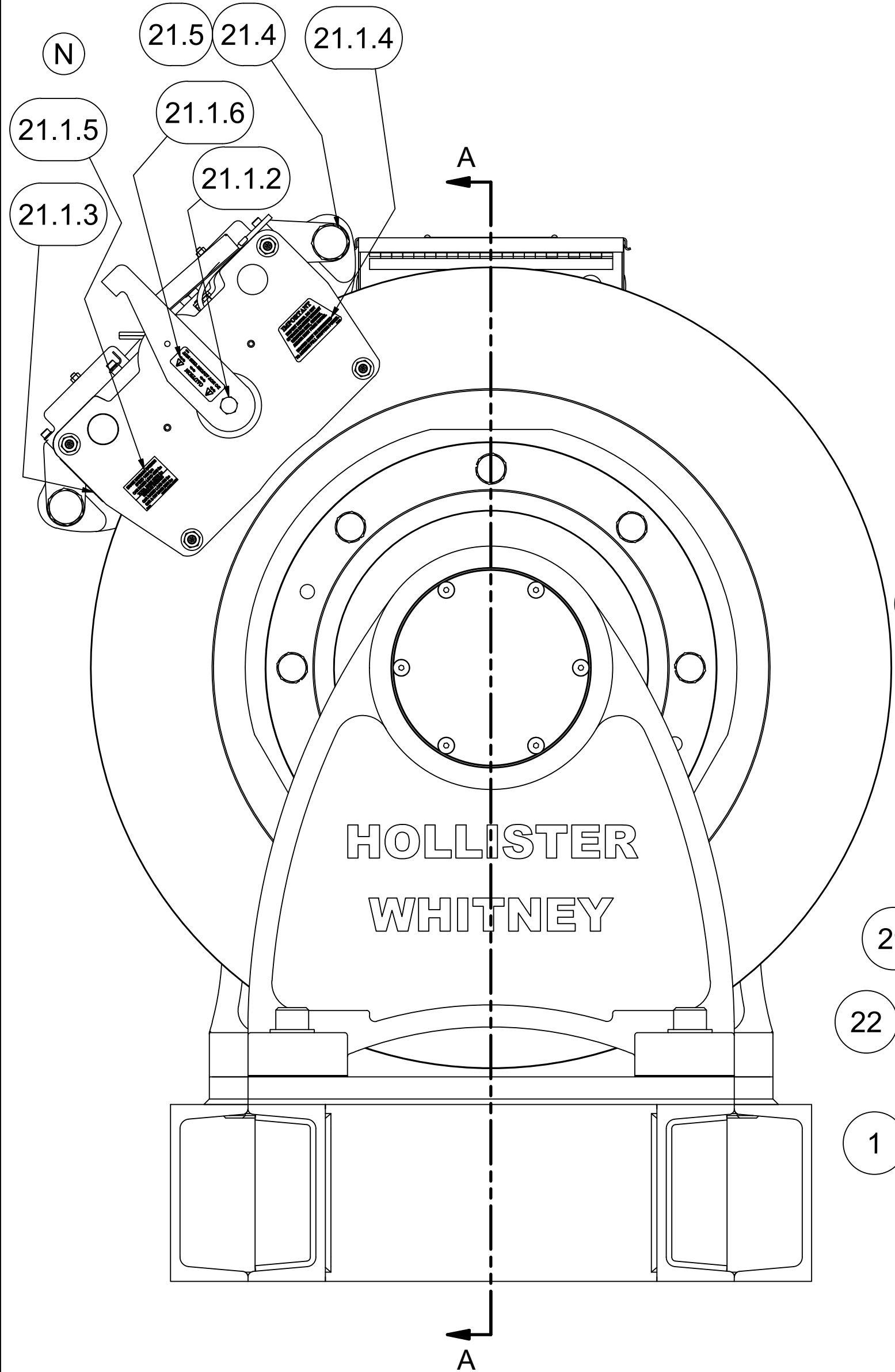
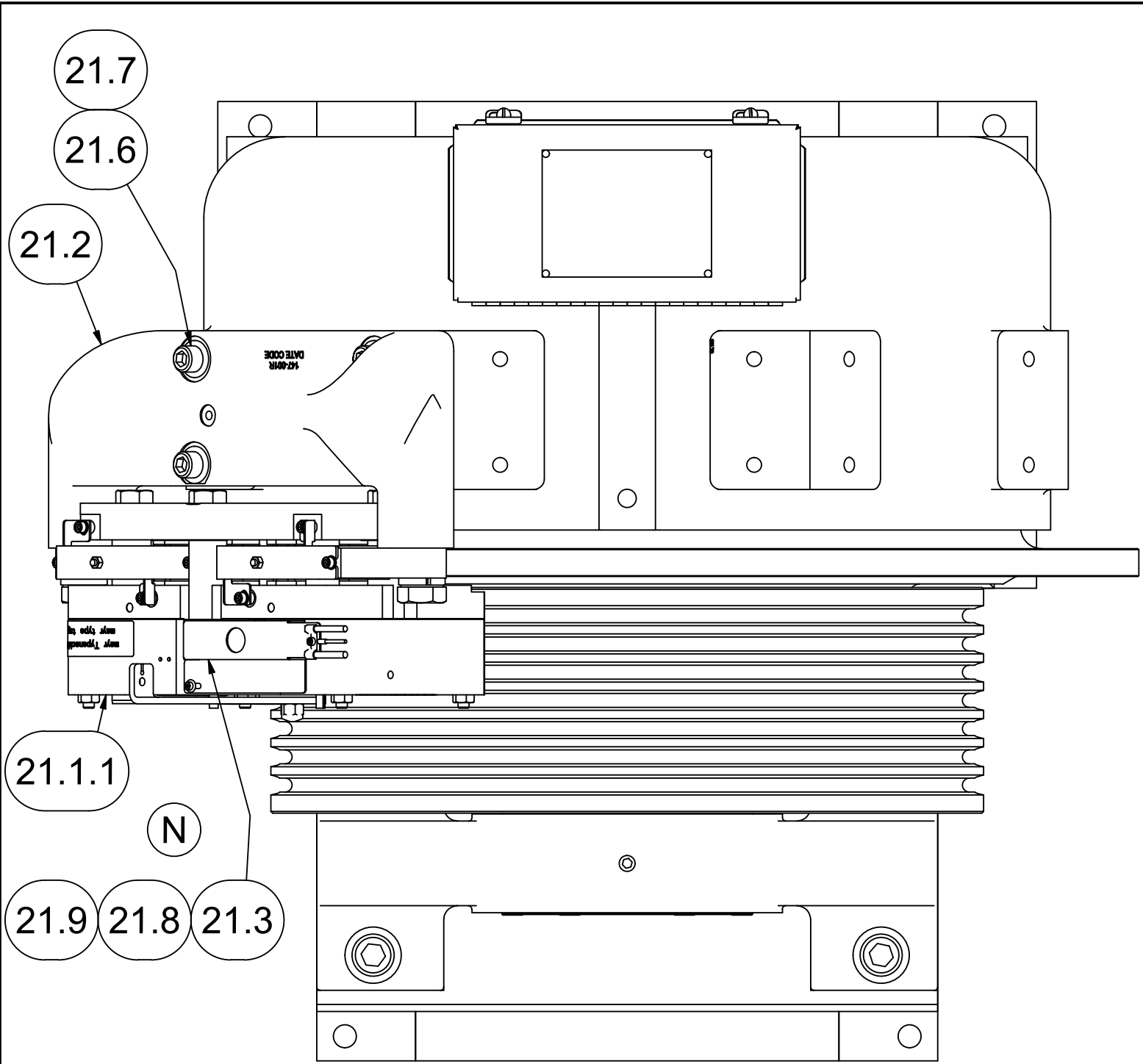
				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
				TITLE			
				GEARLESS MACHINE w/OUTBOARD STAND			
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				DRAWN BY LTL	SCALE 1 / 8	SEE PARTS LIST	DATE 9/14/2011
				SHEET SIZE D			GL171 SHEET 4 OF 4



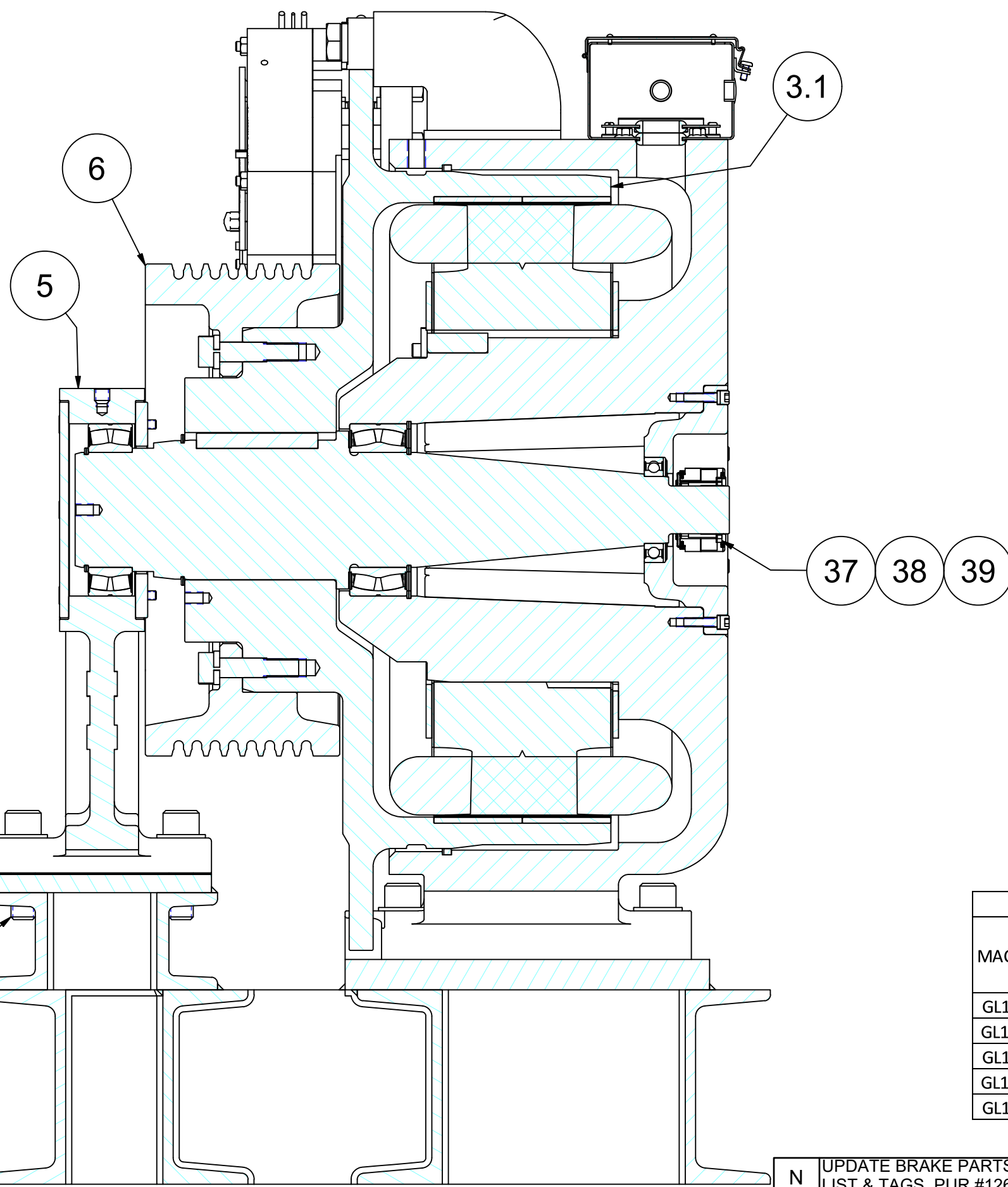
25" SHEAVE
2500# CAP. MAX @ 50%

20" SHEAVE
3125# CAP. MAX @ 50%

SEE OTHER SIDE FOR
UPDATES



25" T.W. SECTION A-A
3500 LBS 50% CB MAX CAPACITY 1:1
WEIGHT: 4265.51 lbmass



20" T.W. SECTION A-A
4375 LBS 50% CB MAX CAPACITY 1:1
WEIGHT: 3871.70 lbmass

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL185B-01	FINISHING BASE, GL185, 25" T.W. 3500 LBS CAP.
	1	GL185B-03	FINISHING BASE, GL185, 20" T.W. 4375 LBS CAP.
2	1	GL185-001	BASE HOUSING, MOTOR #GL185
	1	GL185-002	ROTOR ASSEMBLY - #GL185, 25" T.W. 3000 LBS CAP.
3	1	GL185-002-1	ROTOR ASSEMBLY - #GL185, 20" T.W. 3750 LBS CAP.
	1	GL185-004	ROTOR - #GL185, 25" T.W. 3500 LBS CAP.
3.1	1	GL185-004-1	ROTOR - #GL185, 20" T.W. 4375 LBS CAP.
	80	GL185-099	PERMANENT MAGNET - MOTOR #GL185
4	1	GL260-005	BEARING CAP
5	1	GL185-006	OUTBOARD STAND, AC GEARLESS, 25" T.W.
	1	GL171-006	OUTBOARD STAND, AC GEARLESS, 20" T.W.
6	1	GL185-008	25" TRACTION WHEEL
	1	GL130A-008	20" TRACTION WHEEL
7	1	GL185-018	MAIN SHAFT - GL185 1:1 MACHINE
8	1	GL185-019	END CAP, OUTBOARD STAND, 25" T.W.
9	1	GL185-020	RETAINING RING - ROTOR
10	8	GL185-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
14	1	GL185-091	BEARING, SEALED SPHERICAL ROLLER
15	2	GL130-092	RETAINING RING - SHAFT
16	1	GL100-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL185-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL185-100	WINDING ASSEMBLY - 40 POLE
20	1	GL185-104	INBOARD CAP, OUTBOARD STAND
21	1	GL185-147	DISC BRAKE (MAYR 10) ASSEMBLY
21.1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.535 #8252206
	1	142-050	BLACK VINYL CAP
	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	147-001	BRAKE BASE - LARGE FRAME GL MACHINE
21.3	1	147-003	COVER - MAYR #10.1 (GL185-147) ELECTRICAL
21.4	2	1" - 8 UNC x 3 1/2"	HEX CAP SCREW
21.5	2	1" WASHER	STANDARD LOCK WASHER
21.6	4	5/8-11 UNC x 2.5	SOCKET HEAD CAP SCREW
21.7	4	5/8 WASHER	STANDARD WASHER
21.8	1	M4 x 0.7 x 8mm	SOCKET HEAD CAP SCREW (METRIC)
21.9	1	#8 WASHER	STANDARD WASHER
21.10	AS	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
	NEC	143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
22	1	GL185-159	HOFFMAN ELECTRICAL ENCLOSURE, A12064CH MODIFIED
	AS	GL185-157-05	OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.
		GL185-157-10	OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.
		GL185-157-31	OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.
	AS	GL171-157-05	OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.
		GL171-157-31	OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.
23	1	GL171-157-31	OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.
24	1	GL100-165-1	FELT DUST SEAL
25	2	1 - 8 UNC x 5.5"	SOCKET HEAD CAP SCREW
26	8	1 - 8 UNC x 4"	SOCKET HEAD CAP SCREW, 25" T.W., BASE & A-STAND
	4		SOCKET HEAD CAP SCREW, 20" T.W., BASE ONLY
27	4	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW, 20" T.W., GL171 A-STAND
28	2	1 - 8 UNC NUT	HEAVY HEX NUT
29	12	1" WASHER	SAE WASHER
30	8	13/16 WASHER	HEAVY LOCK WASHER
31	1	5/8-11 UNC x 0.625	HALF DOG SET SCREW
32	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
33	6	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
34	3	3/8 - 16 UNC x 1.25	SOCKET HEAD CAP SCREW
35	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
36	6	0.375 WASHER	CAP SCREW LOCK WASHER
37	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
38	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
39	4	#8 LOCK WASHER	EXT. TOOTH LOCK WASHER
40	4	#6 U x 0.3125	DRIVE SCREW
41	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE

MACHINE WINDINGS GL185-100						
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED 25" TW(fpm)
GL185-35L	GL185-170-350	90	185	170	53.5	350
GL185-35H	GL185-360-350	90	185	360	53.5	350
GL185-50L	GL185-170-500	90	185	170	76.4	500
GL185-50H	GL185-360-500	90	185	360	76.4	500
GL185-70L	GL185-170-700	90	185	170	107.0	700

WEIGHT: 4265.5 lbmass

HOLLISTER-WHITNEY ELEVATOR CO. LLC			
GEARLESS MACHINE			
N	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260	LTL 1/7/20	L
	CORRECT BRAKE TYPO (GL185-147), PUR #1238	LTL 11/21/19	L
M	ADD 20" WHEEL OPTION, PUR #1111	LTL 10/23/19	L
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.			
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.			
THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1/5
MATERIAL		DATE	8/8/2011
SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
GL185		SHEET 1 OF 3	

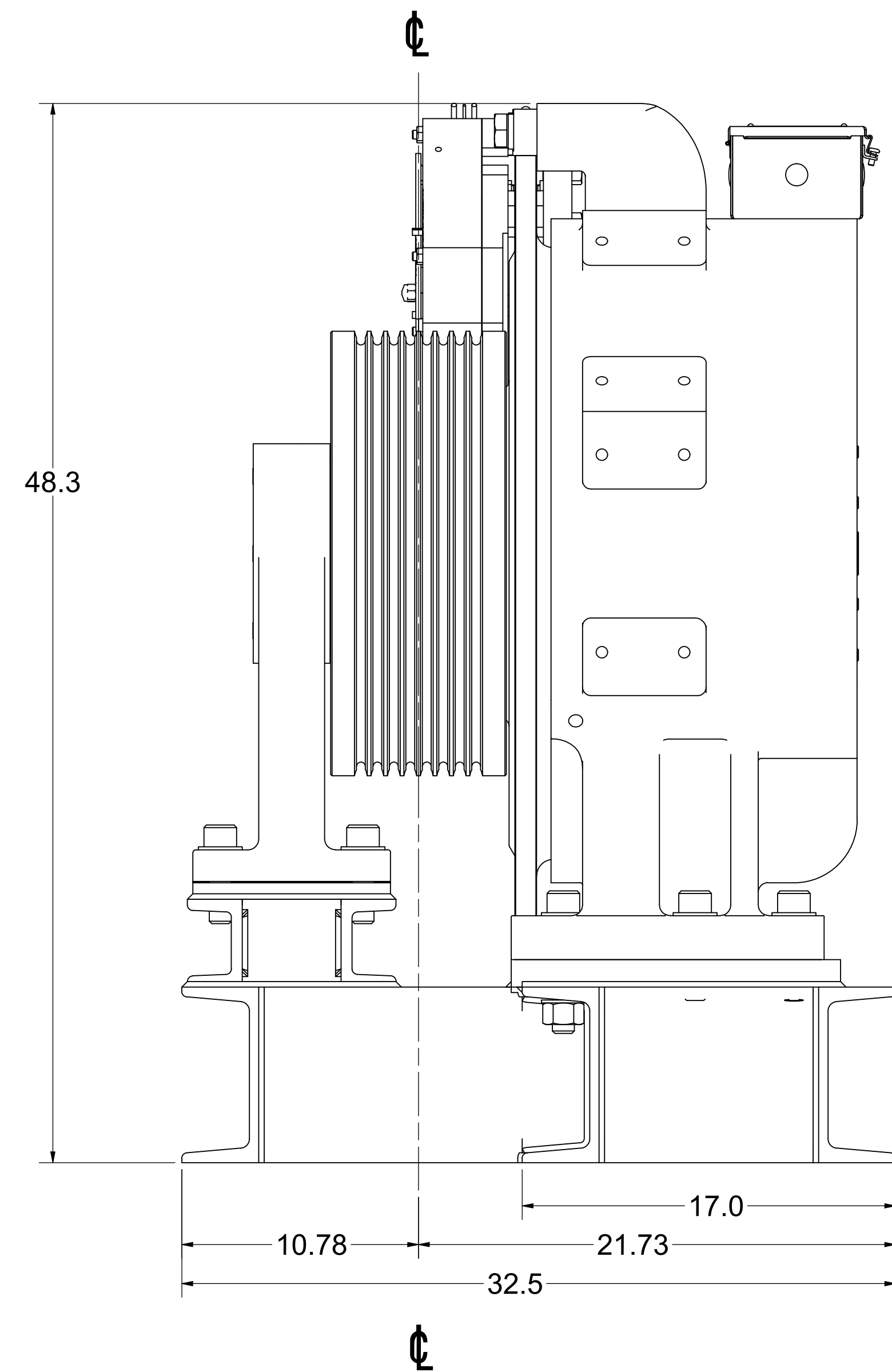
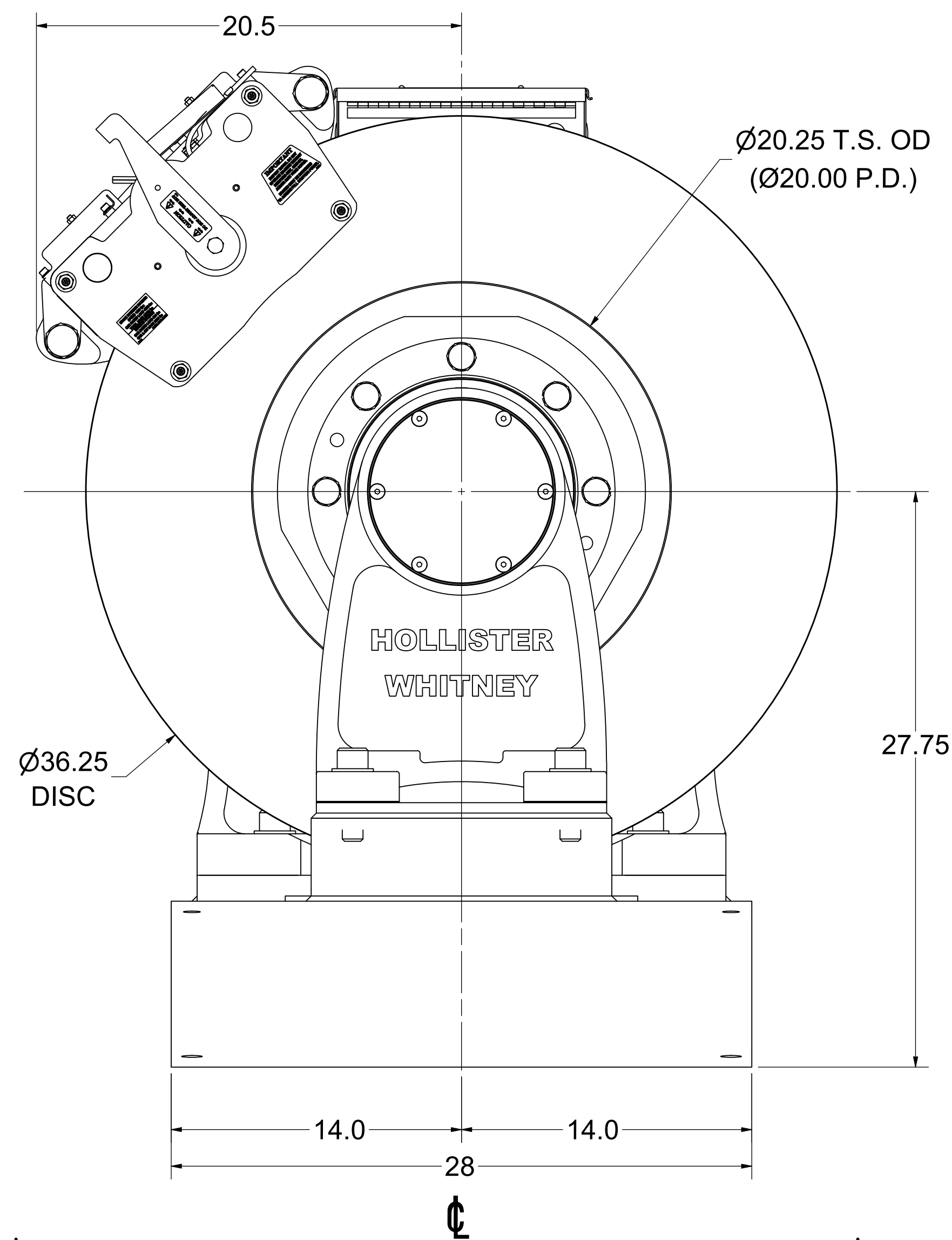
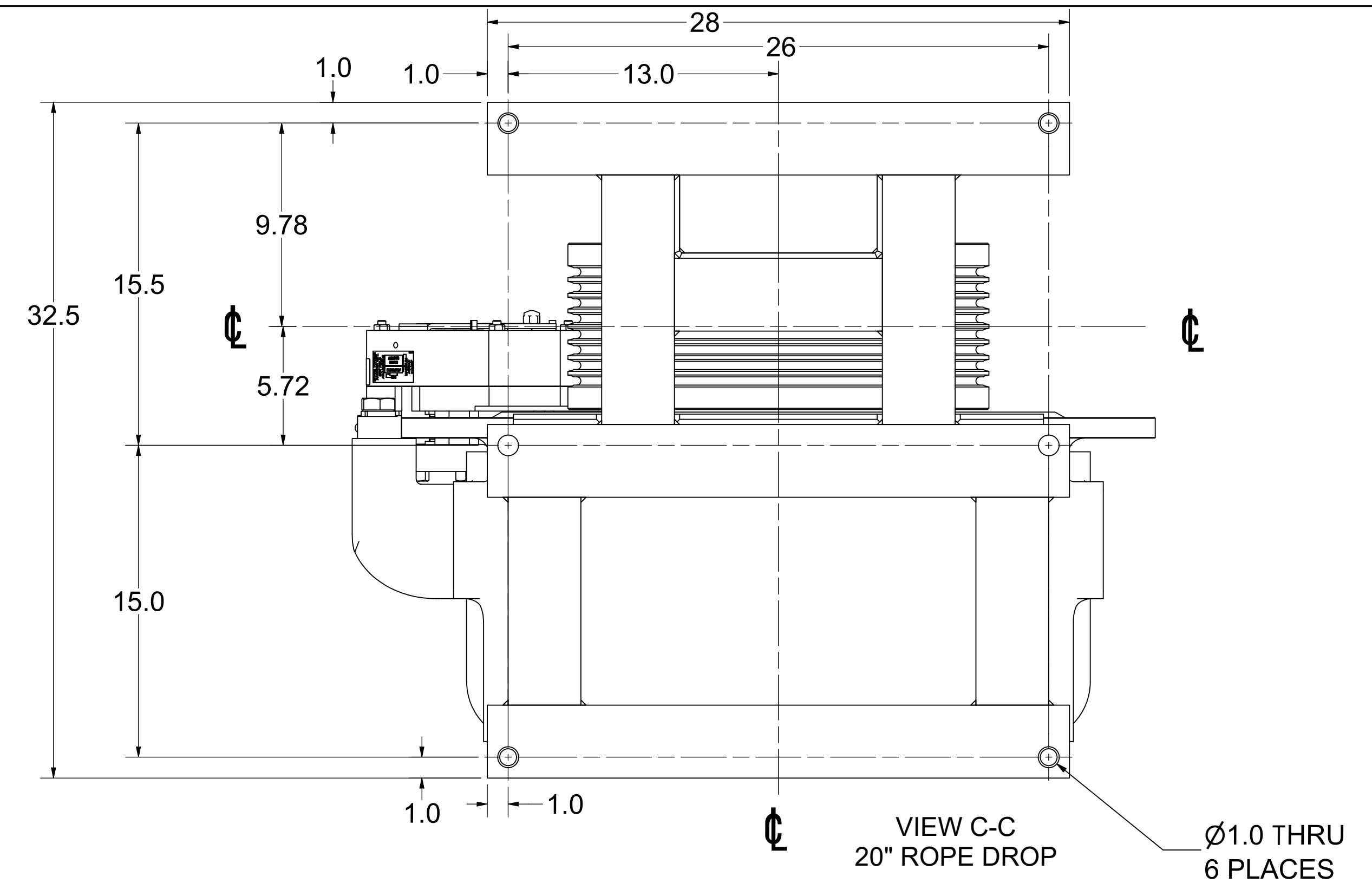
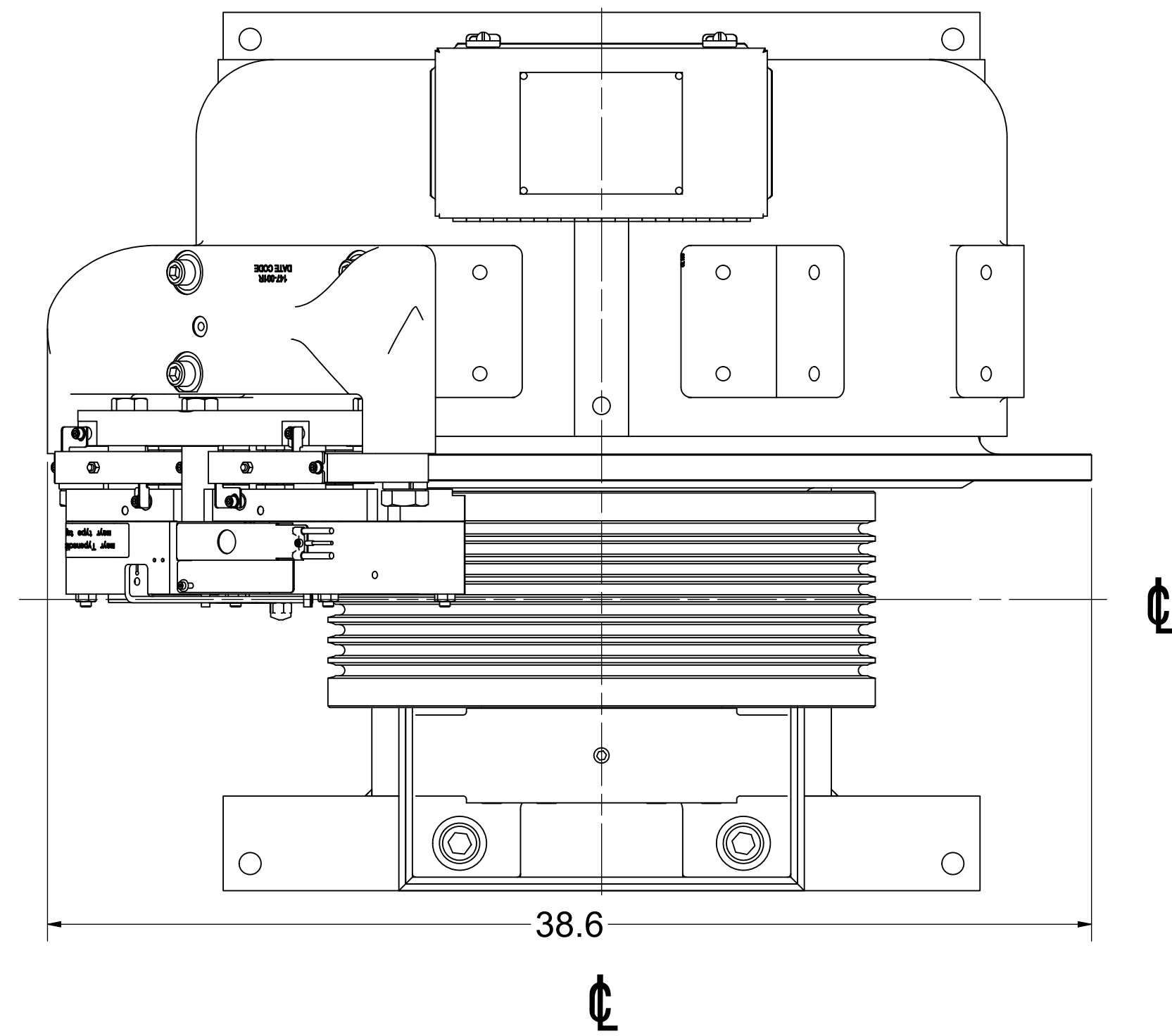


SEE PAGE 1 FOR REVISIONS



©

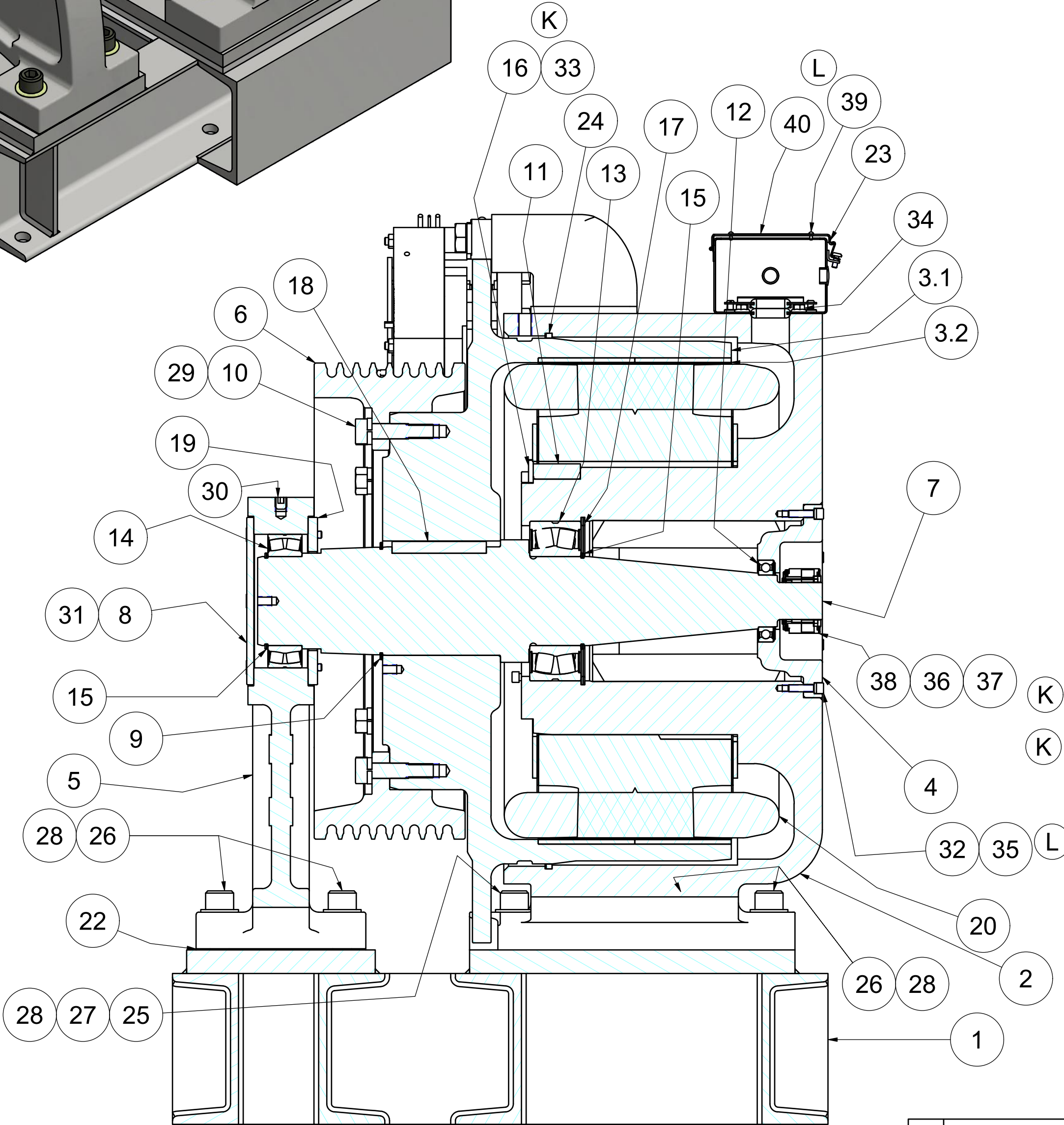
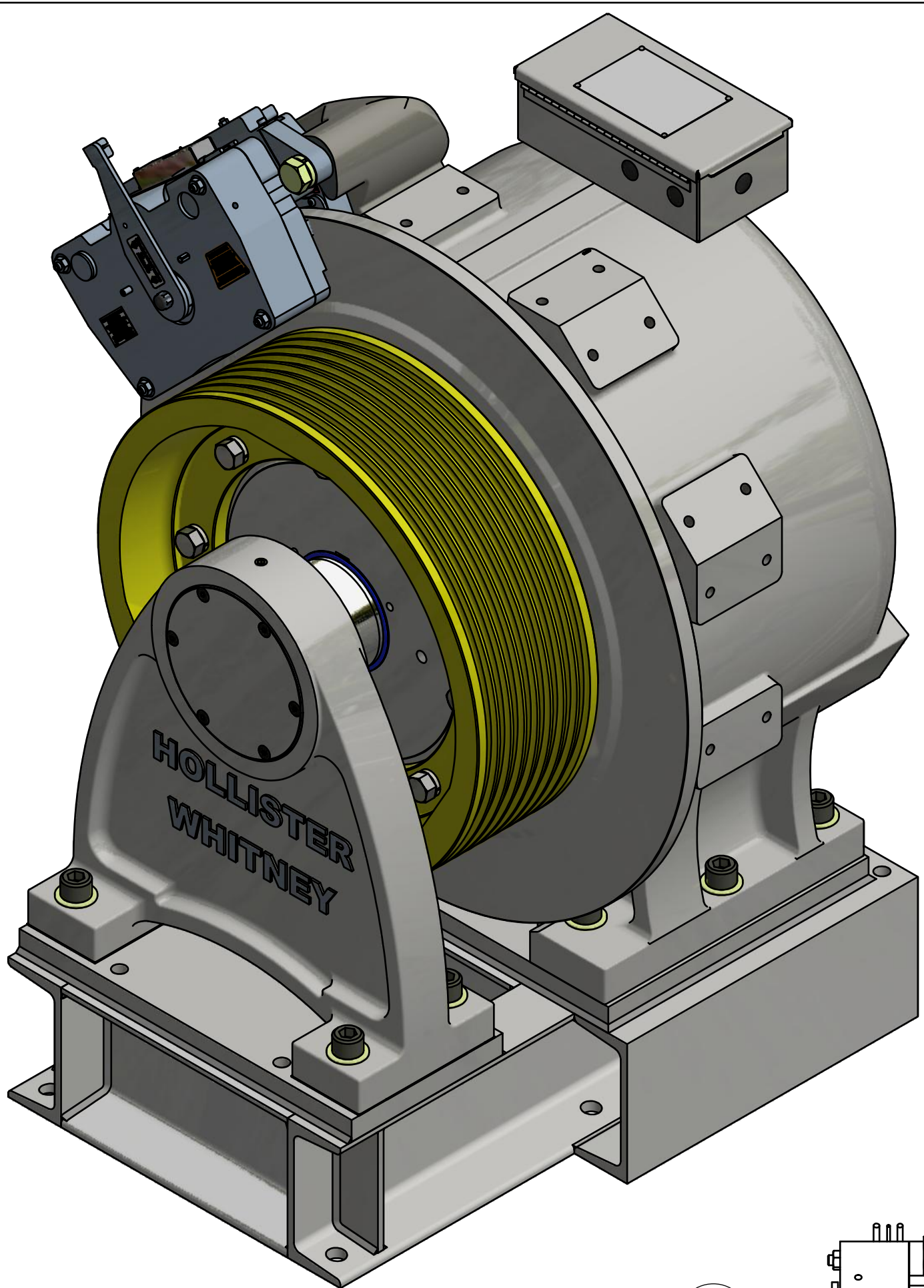
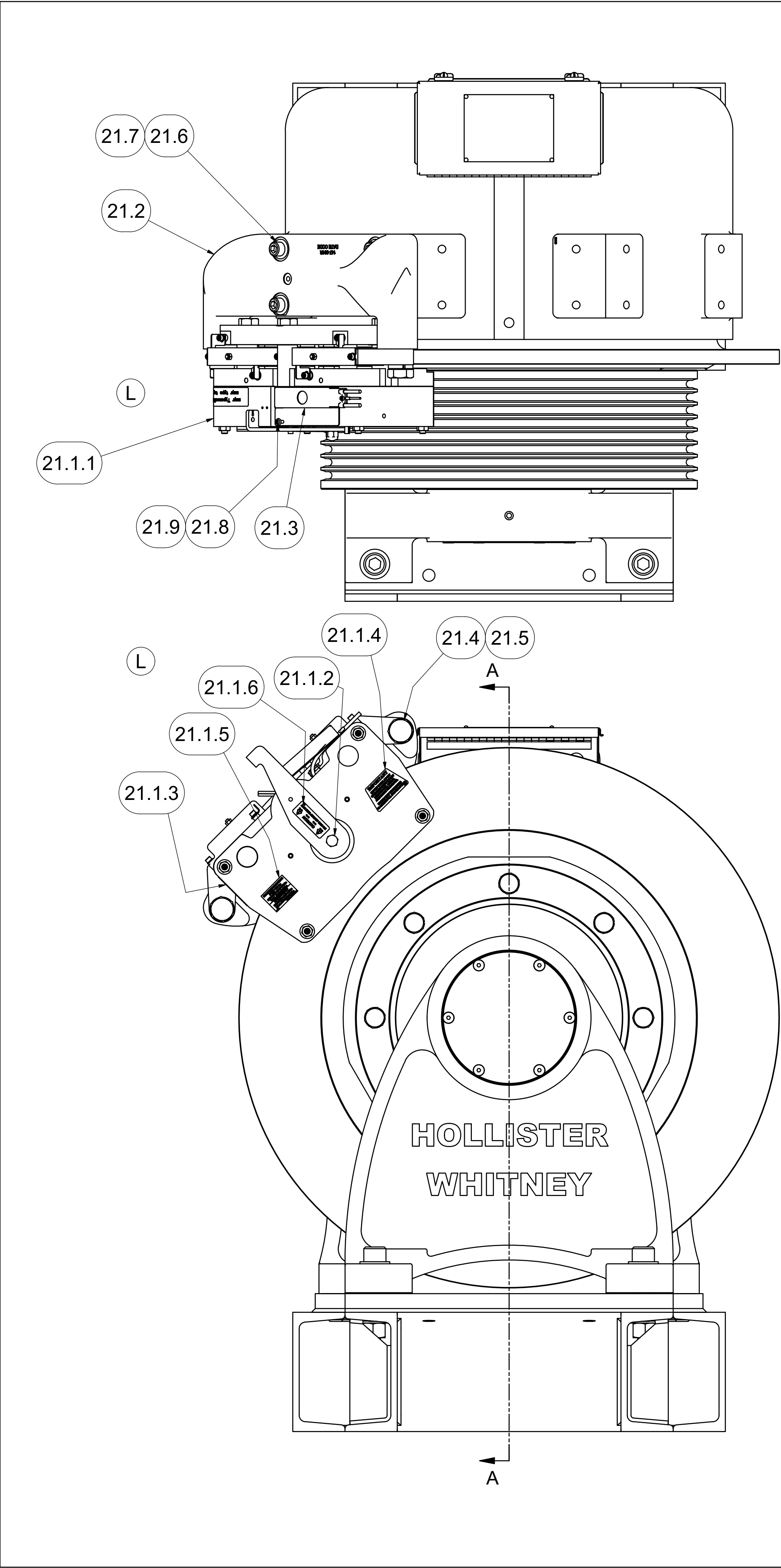




VIEW C-C
20" ROPE DROP
Ø1.0 THRU
6 PLACES

MACHINE W/20" TW
4375 LBS 50% CB MAX CAPACITY 1:1
WEIGHT: 3872 lbmass

SEE PAGE 1 FOR REVISIONS




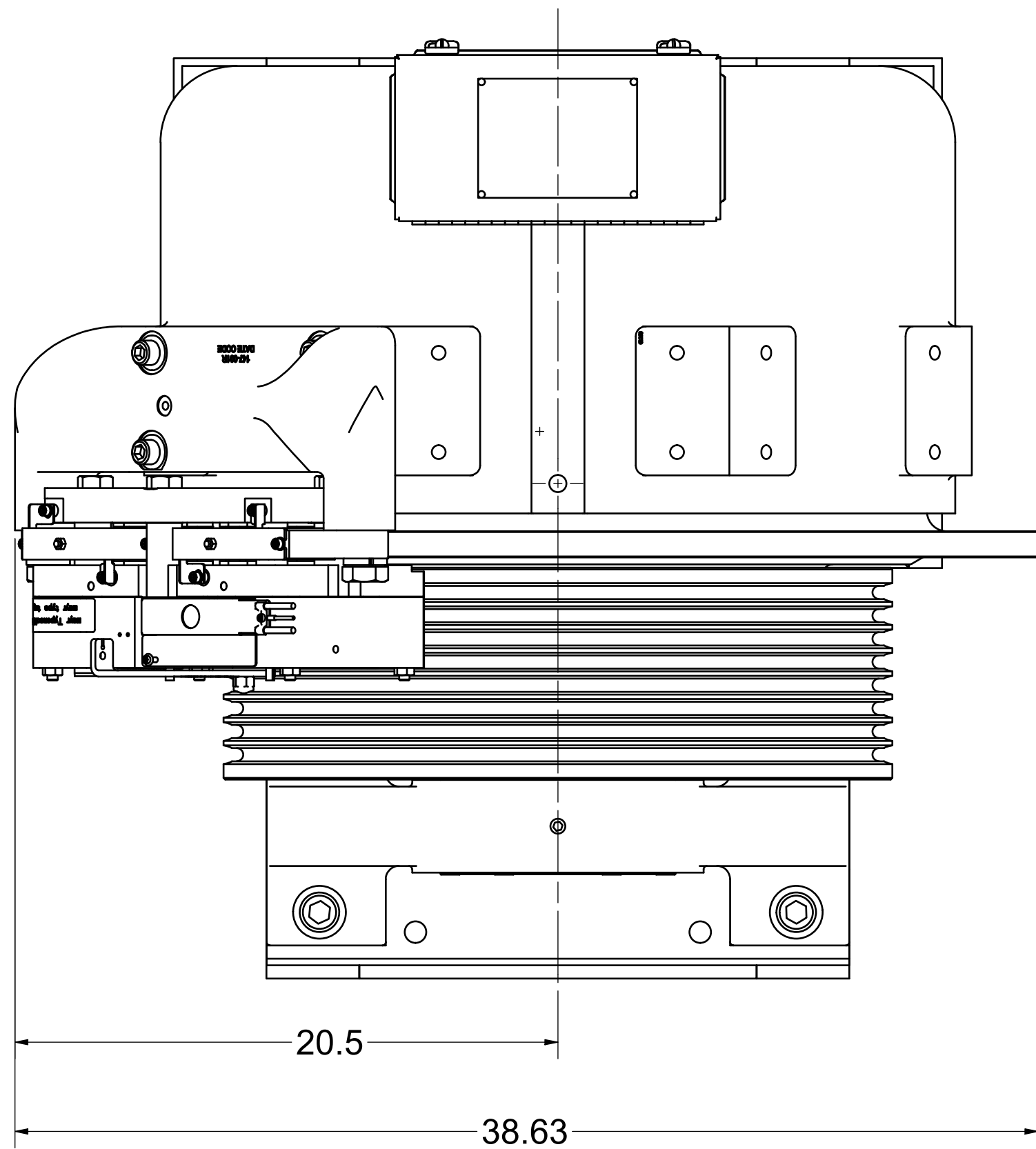
SECTION A-A

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL260B-01	FINISHING BASE, GL260
2	1	GL260-001	BASE HOUSING, MOTOR #GL260
3	1	GL260-002	ROTOR ASSEMBLY - MOTOR #GL260
3.1	1	GL260-004	ROTOR
3.2	80	GL260-099	PERMANENT MAGNET - #GL260 & GL130A MOTORS
4	1	GL260-005	BEARING CAP
5	1	GL185-006	OUTBOARD STAND, AC GEARLESS
6	1	GL185-008	SHEAVE, 25"
7	1	GL260-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL185-020	RETAINING RING - ROTOR
10	8	GL185-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	2	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL185-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL185-104	CAP
20	1	GL260-100	WINDING ASSEMBLY - 40 POLE
21	1	GL185-147	DISC BRAKE (MAYR 10.1) ASSEMBLY
21.1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
21.1.6	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	147-001	BRAKE BASE
21.3	1	147-003	COVER - MAYR #10.1 ELECTRICAL
21.4	2	1 - 8 UNC x 3.5"	HEX HEAD CAP SCREW
21.5	2	1" WASHER	STANDARD LOCK WASHER
21.6	4	5/8 - 11 UNC x 2.5"	SOCKET HEAD CAP SCREW
21.7	4	5/8 WASHER	STANDARD WASHER
21.8	1	M4 x 0.7 x 8 mm	SHCS - METRIC
21.9	1	#8 WASHER	STANDARD WASHER
21.10	AS NEC	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
		143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
22	AS NEC	GL185-157-05	OUTBOARD STAND SHIM - 0.005"
		GL185-157-10	OUTBOARD STAND SHIM - 0.010"
		GL185-157-31	OUTBOARD STAND SHIM - 0.031"
23	1	GL185-159	HOFFMAN ELECTRICAL ENCLOSURE, A12064CH MODIFIED
24	1	GL100-165-1	FELT DUST SEAL
25	2	1 - 8 UNC x 5.5"	SOCKET HEAD CAP SCREW
26	8	1 - 8 UNC x 4"	SOCKET HEAD CAP SCREW
27	2	1 - 8 UNC NUT	HEAVY HEX NUT
28	12	1" WASHER	SAE WASHER
29	8	13/16 WASHER	HEAVY LOCK WASHER
30	1	5/8-11 UNC x 0.625	HALF DOG SET SCREW
31	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
32	6	3/8 - 16 UNC - 1 1/2	SOCKET HEAD CAP SCREW
33	3	3/8 - 16 UNC - 1 1/4	SOCKET HEAD CAP SCREW
34	4	3/8-16 UNC x 0.5	WHIZ BOLT
35	6	3/8 Lock Washers	HI-COLLAR LOCK WASHER
36	4	No. 8 - 32 UNC - 1/4	HEX HEAD CAP SCREW
37	4	#8 LOCK WASHER	EXT. TOOTH LOCK WASHER
38	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
39	4	#6 U x 0.3125	DRIVE SCREW
40	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE

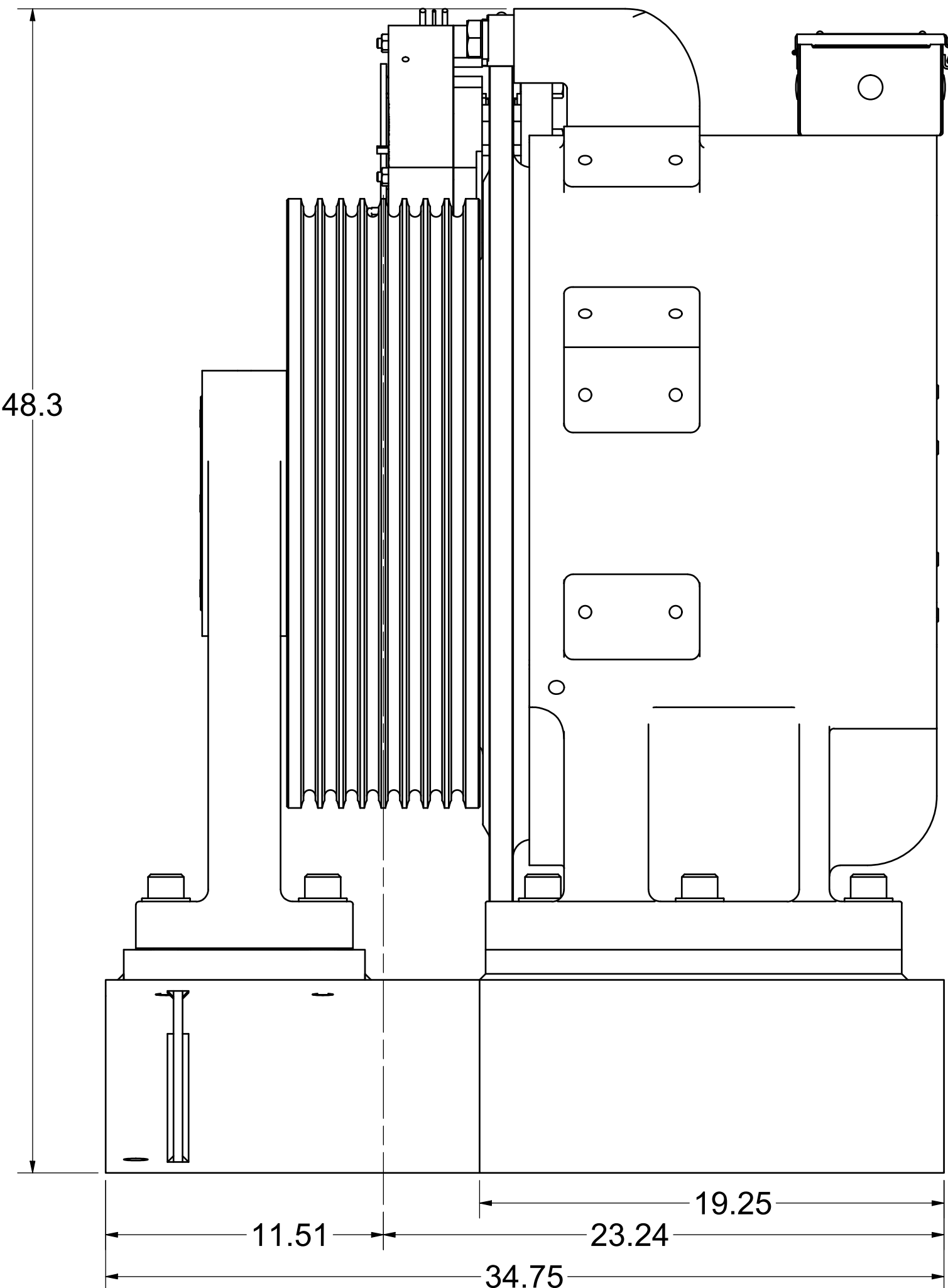
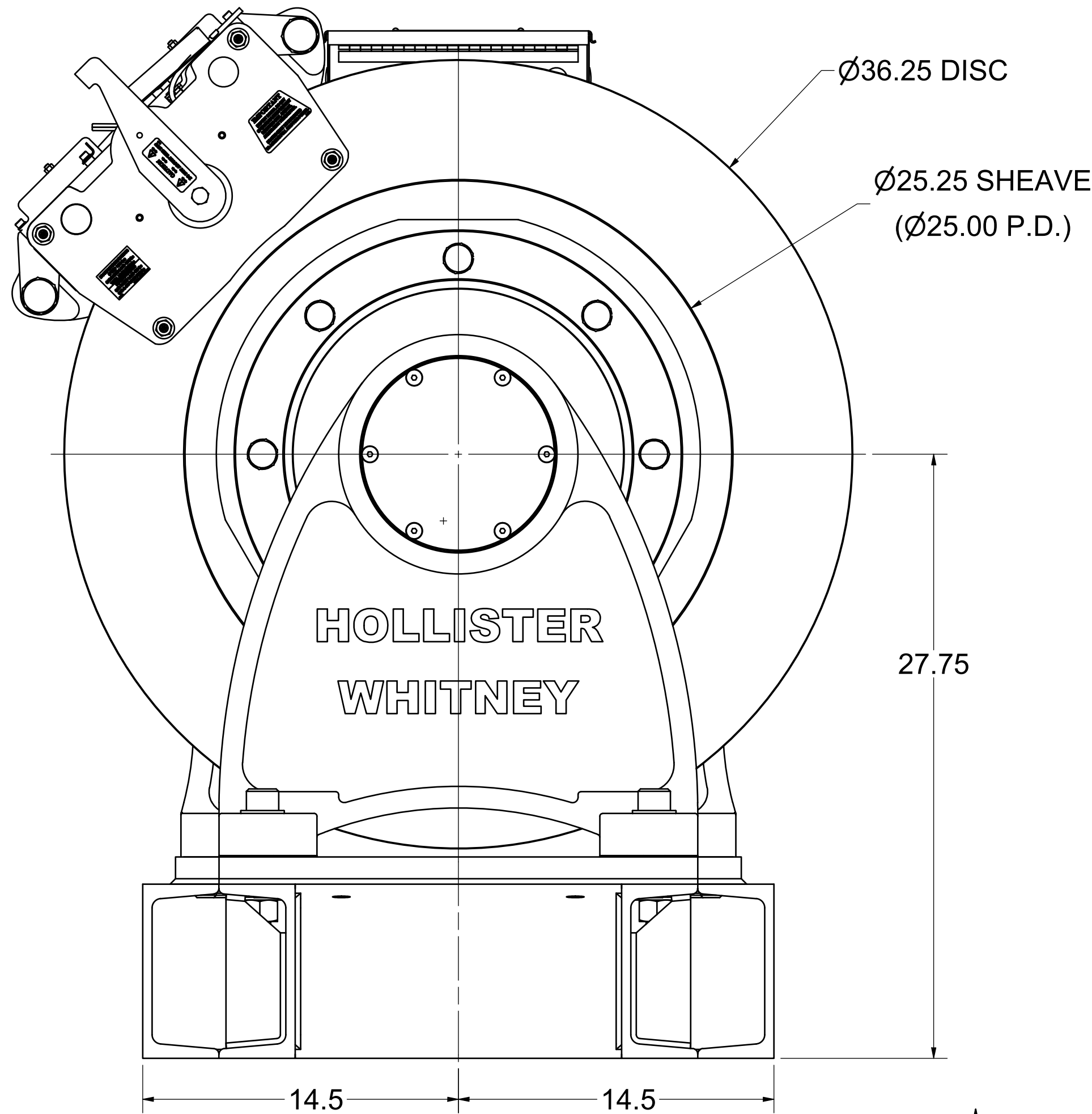
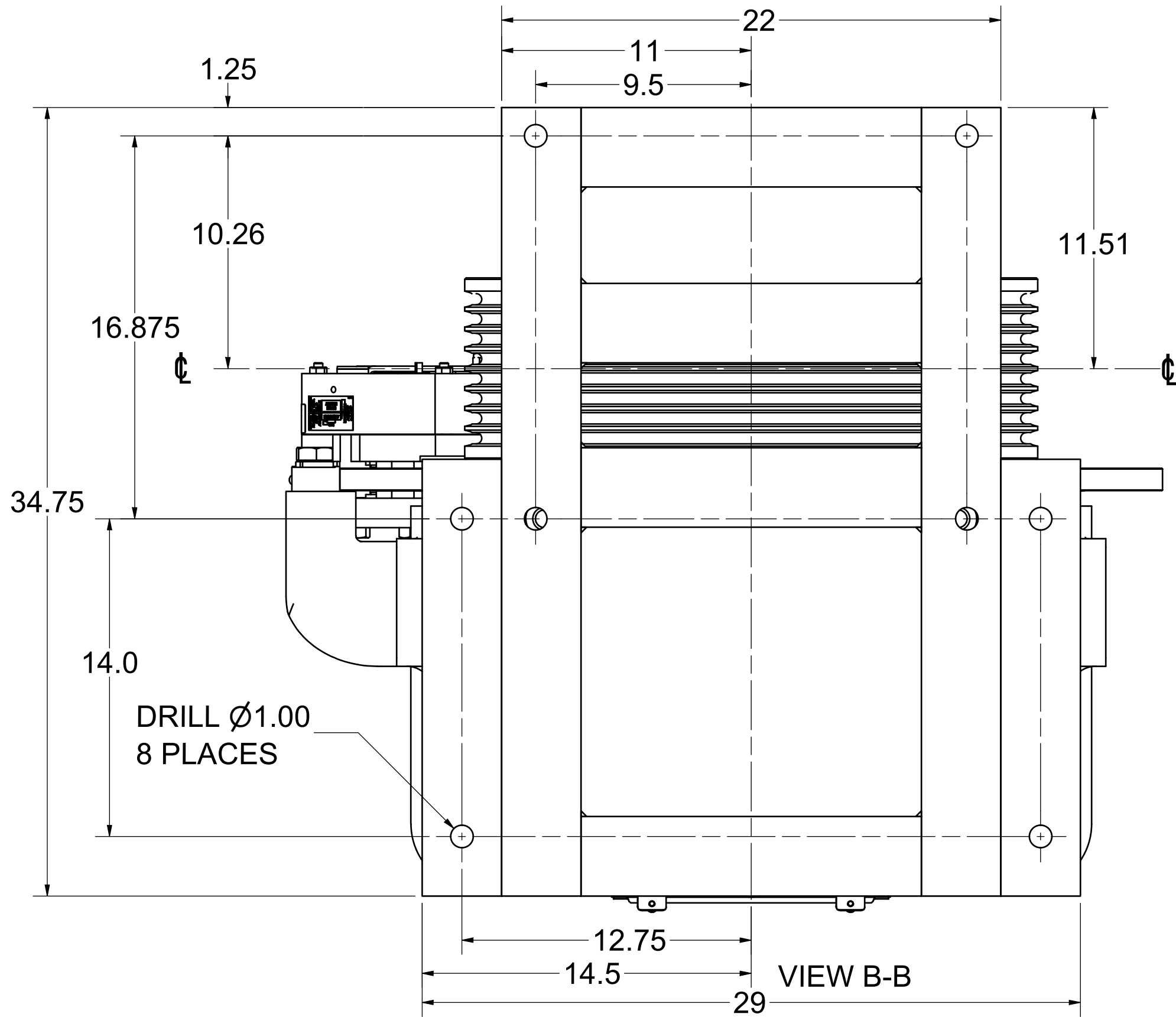
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED (fpm)
GL260-35L	GL260-170-350	90	260	170	53.5	350
GL260-35H	GL260-360-350	90	260	360	53.5	350
GL260-50L	GL260-170-500	90	260	170	53.5	500
GL260-50H	GL260-360-500	90	260	360	53.5	500
GL260-70L	GL260-170-700	90	260	170	53.5	700

WEIGHT: 4754.4 lbmass

K		3X GL100-094-1 WAS 1X GL185-094, 3X 3/8 x 1.25 SHCS WAS 6X, 6X 3/8 WASHER WAS 12X, PUR #1111		LTL 10/28/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC		
L		UPDATE BRAKE PARTS LIST & TAGS, PUR #1260		LTL 1/7/20	TITLE		
					GEARLESS MACHINE		
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. HAS MANUFACTURED. IT IS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDES ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.					THIRD ANGLE PROJECTION		
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DOWNGRADED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.					DRAWN BY LTL		
					SCALE 1 / 5		
					MATERIAL SEE MATERIAL LIST		
					REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED		
					SHEET SIZE D		
					DATE 11/18/2011		
					GL260		
					SHEET 1 OF 2		

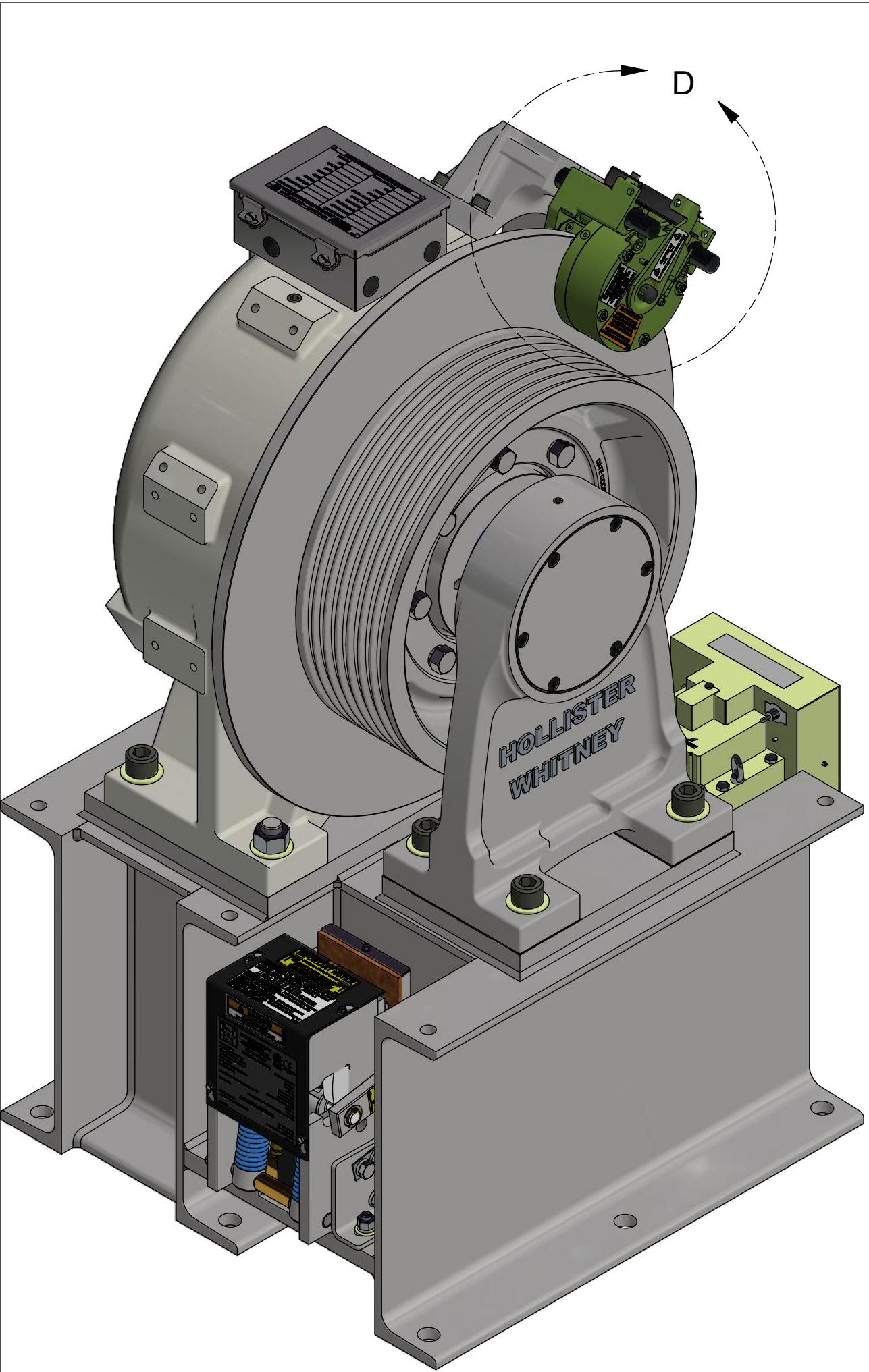


25" SHEAVE
4500# CAP. MAX @ 50%



SEE OTHER SIDE FOR
REVISIONS

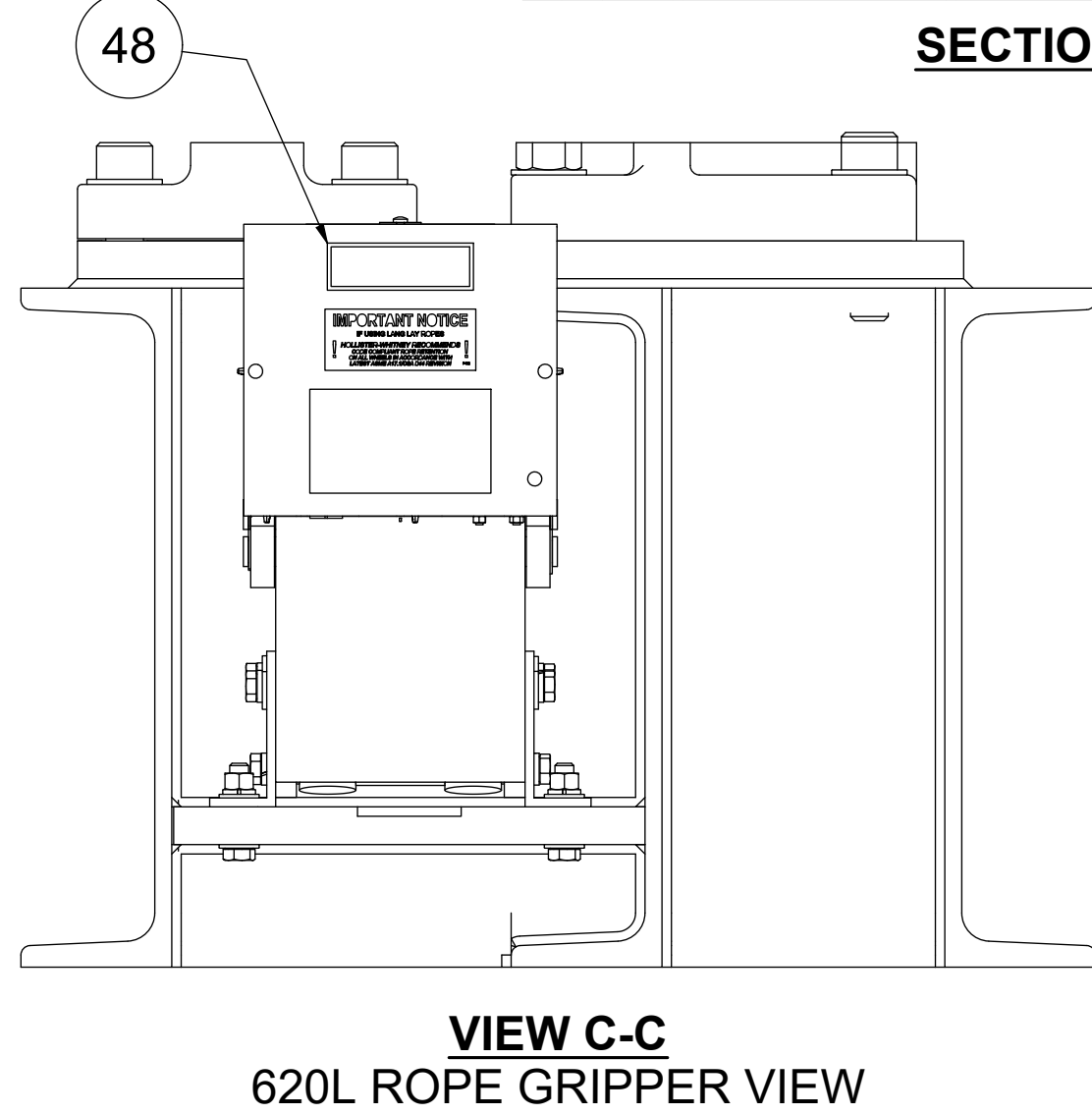
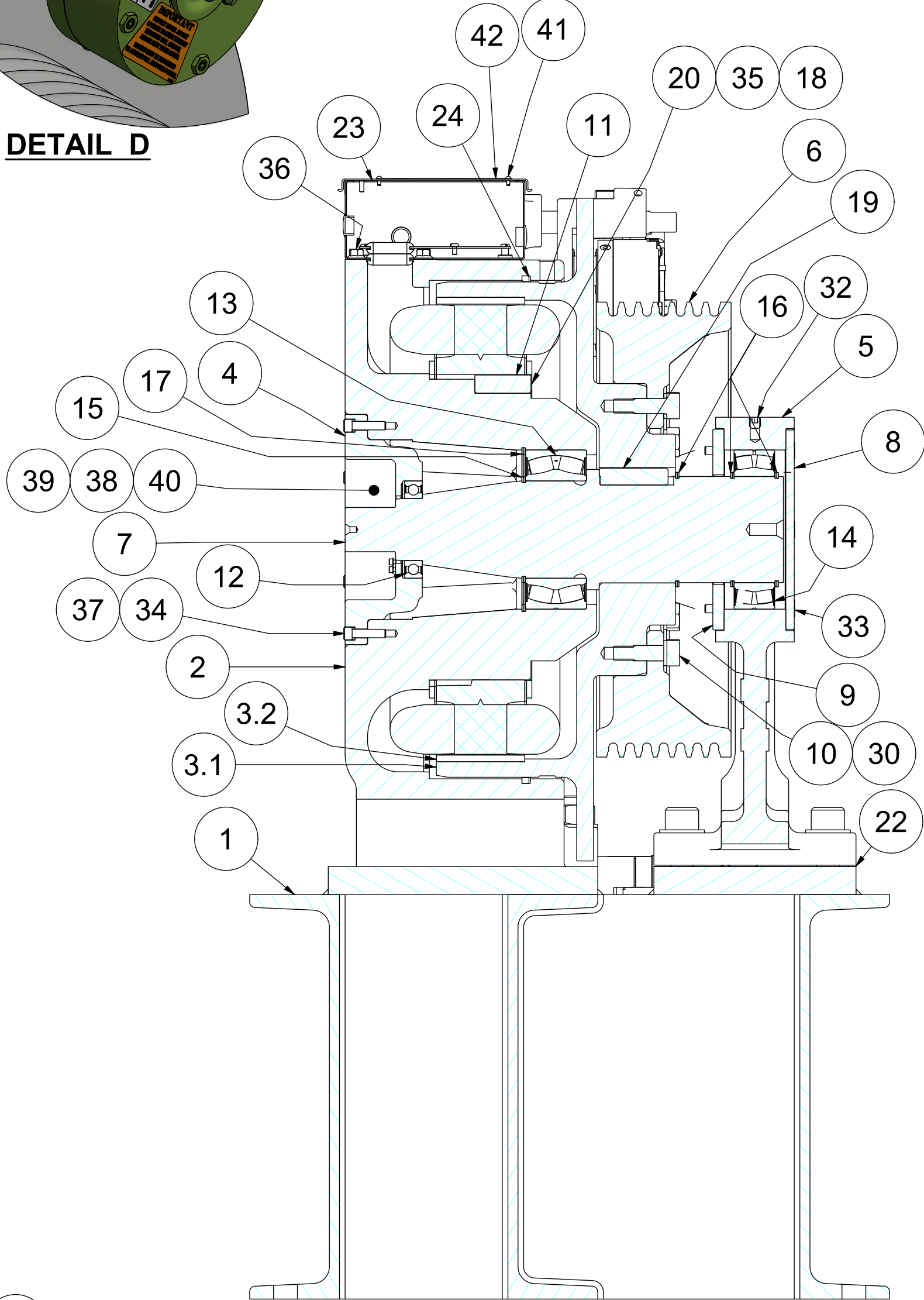
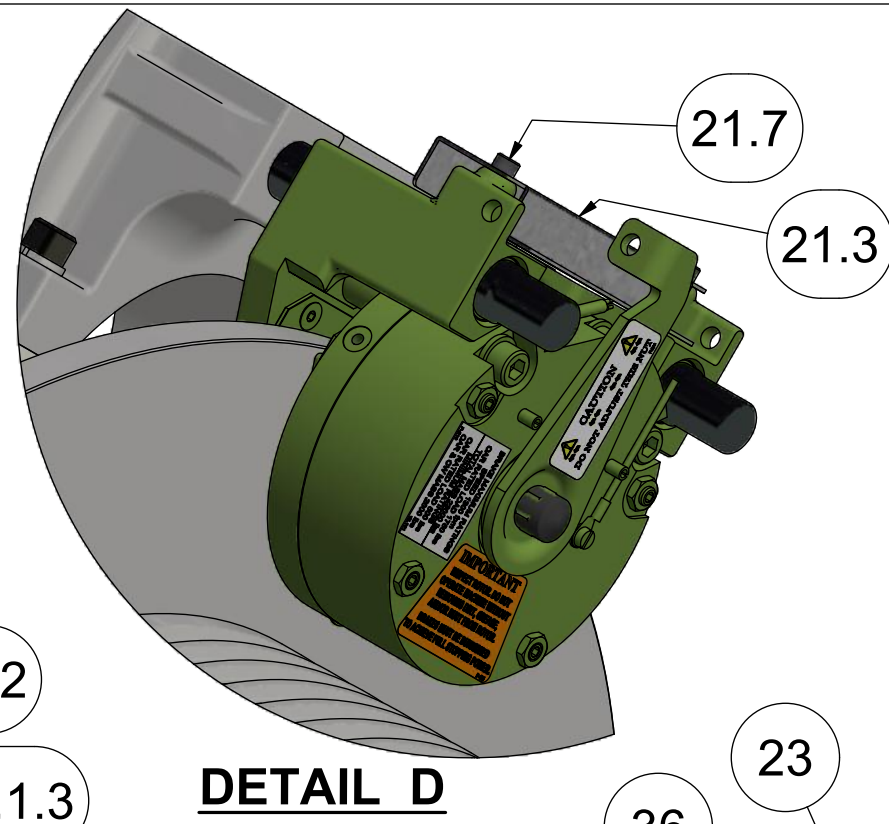
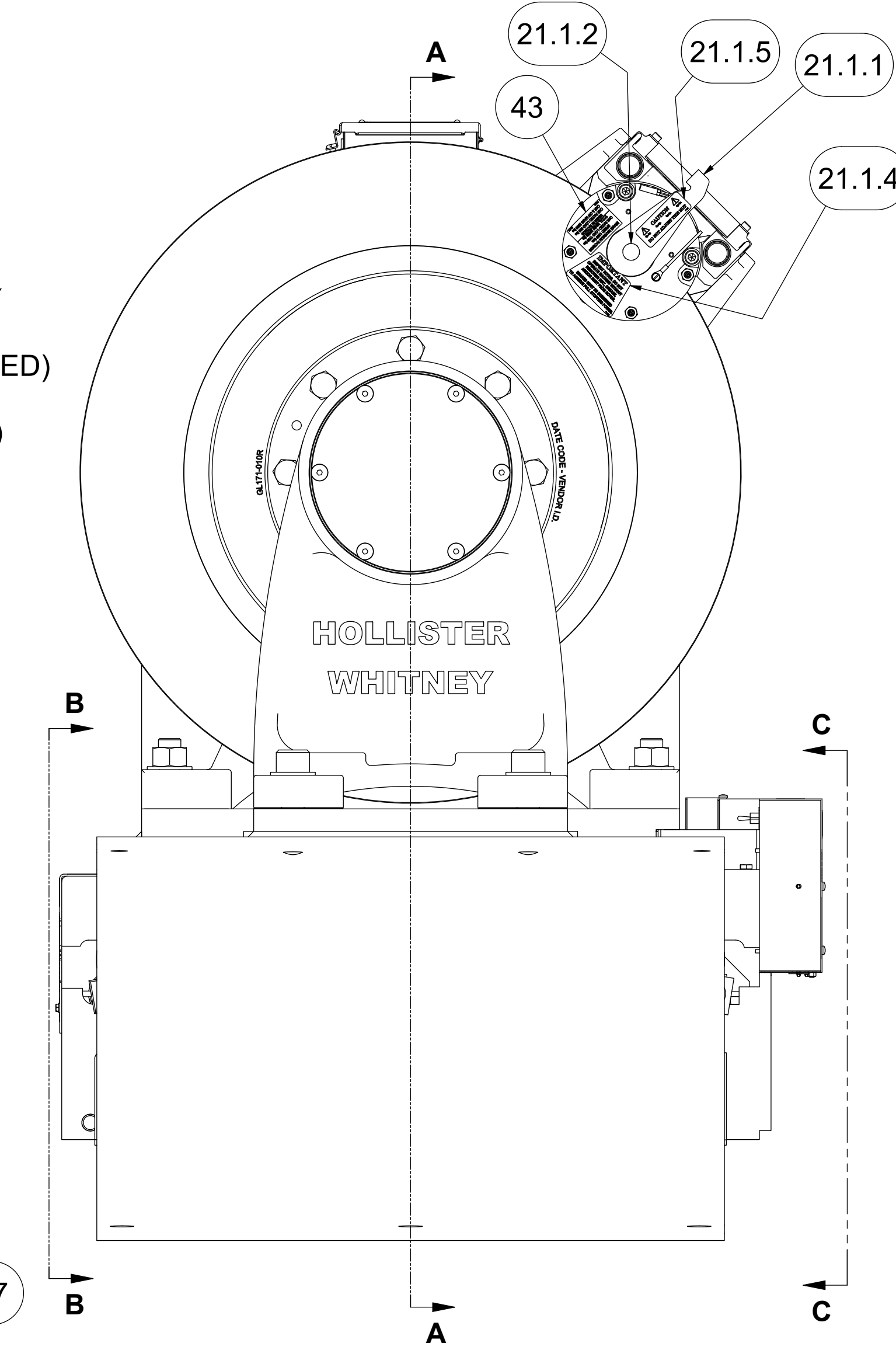
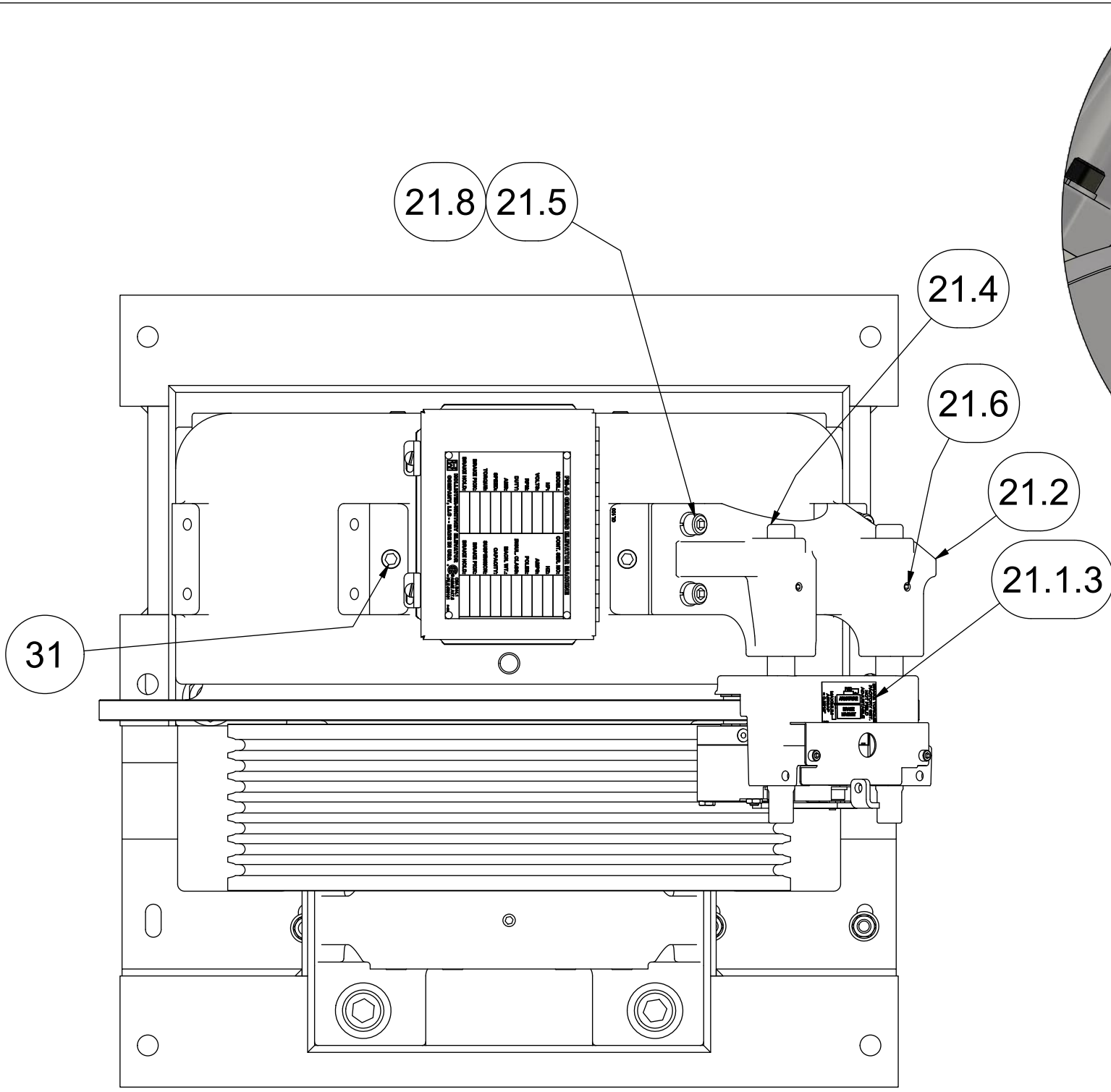
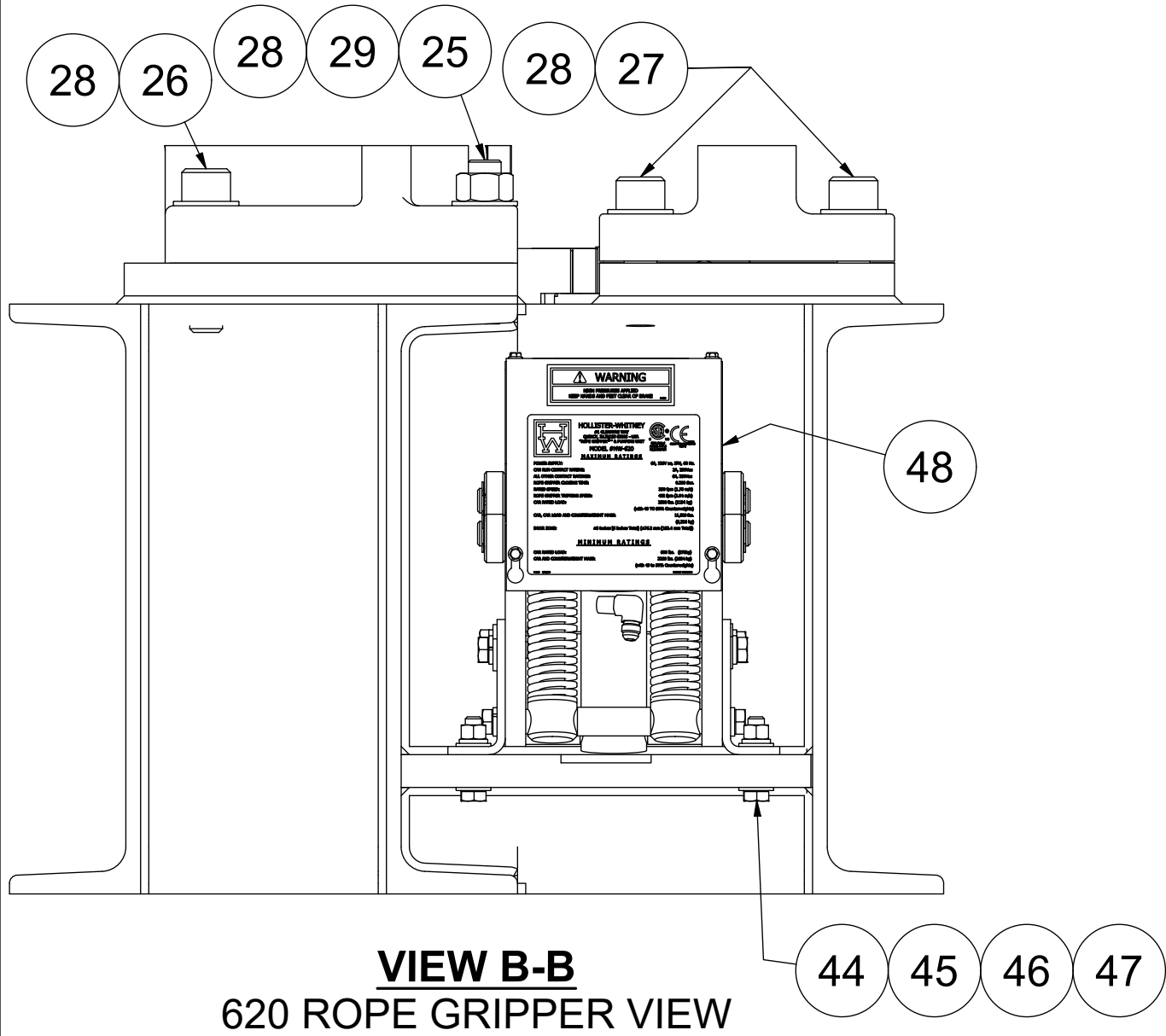
				HOLLISTER-WHITNEY ELEVATOR CO. LLC				WEIGHT: 4754.4 lbmass	
				TITLE					
				GEARLESS MACHINE					
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 5	MATERIAL SEE MATERIAL LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE D	DATE 11/18/2011	GL260 SHEET 2 OF 2	



MACHINE REQUIRES ONE (1) PRIMARY SERVICE BRAKE AND ONE ROPE GRIPPER FOR EMERGENCY SERVICE.

- 620 (HYDRAULIC) ROPE GRIPPER (NOT INCLUDED) SHOWN ON LEFT SIDE. RIGHT SIDE SIMILAR.
- 620L (LINEAR) ROPE GRIPPER (NOT INCLUDED) SHOWN ON RIGHT SIDE. LEFT SIDE SIMILAR.


BOLT-DOWN HARDWARE FOR ONE GRIPPER INCLUDED.



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL101B-620	BASE FABRICATION - FINISHED
2	1	GL100-001	BASE HOUSING, MOTOR #GL100
3	1	GL101-002	ROTOR ASSEMBLY, MOTOR #GL100
3.1	1	GL101-004	ROTOR
3.2	28	GL100-099	PERMANENT MAGNET - MOTOR #GL100
4	1	GL260-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL101-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL100-090	Bearings, Sealed Spherical Roller
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	1	GL100-092	RETAINING RING - SHAFT
16	3	GL130-092	RETAINING RING - SHAFT
17	1	GL100-093	RETAINING RING - HOUSING
18	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
19	1	GL100-095	KEY - ROTOR TO SHAFT
20	1	GL100-100	WINDING ASSEMBLY
21	1	GL100-146	DISC BRAKE (MAYR #6) - MRL
21.1	1	GL100-146-115	MAYR #6 RSD6 894 510 03 #8275067 (104/52 VDC)
21.1.1	1	GL100-146-115	MAYR #6 RSD6/894.510.03S 52V #8275067
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	142-001	BRAKE BASE
21.3	1	146-003	COVER - MAYR #6 ELECTRICAL
21.4	2	142-012	BRAKE ROD
21.5	4	1/2-13 UNC x 2	SOCKET HEAD CAP SCREW
21.6	4	1/2" WASHER	STANDARD WASHER
21.7	2	3/8-16 UNC x 0.375	SET SCREW
21.8	2	M6 x 1.00 x 8mm	SHCS - Metric
22	As Nec.	GL171-157-05	OUTBOARD STAND SHIM - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM - 0.031"
23	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
24	1	GL100-165	FELT DUST SEAL
25	2	1 - 8 UNC x 5"	ALL THREAD - GRADE 5
26	2	1 - 8 UNC x 4"	SOCKET HEAD CAP SCREW
27	4	1 - 8 UNC x 3.25"	SOCKET HEAD CAP SCREW
28	8	1" WASHER	SAE WASHER
29	8	1" NUT	HEX NUT
30	8	M18 LOCK WASHER	HELICAL SPRING LOCK WASHER - BODY BOLT
31	6	3/4 - 10 UNC x 0.75"	SET SCREW (HOLE PLUG)
32	6	1/2 - 13 UNC x 0.5"	SET SCREW (HOLE PLUG)
33	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
34	6	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
35	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
36	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
37	6	0.375 WASHER	CAP SCREW LOCK WASHER
38	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
39	4	#8 WASHER	INT. TOOTH LOCKWASHER
40	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
41	4	#6 U x 0.3125	DRIVE SCREW
42	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
43	1	P-210	TAG, GL101 - BRAKE RATINGS FOR MAYR #6
44	4	1/2 - 13 UNC x 2.25"	HEX HEAD CAP SCREW
45	4	1/2 - 13 UNC NUT	HEX NUT
46	4	1/2 WASHER	LOCK WASHER
47	8	1/2 WASHER	STANDARD WASHER
48	1	620 OR 620L	GRIPPERS NOT INCLUDED - SHOWN FOR ILLUSTRATION

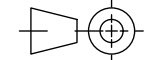
1:1 APPLICATIONS USING 2:1 WINDINGS						
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAG E (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)
GL101-15L	GL100-170-150	87.2	100	170	76.4	400
GL101-15H	GL100-360-150	87.1	100	360	76.4	400
GL101-20L	GL100-170-200	89.2	100	170	101.9	533
GL101-20H	GL100-360-200	89.3	100	360	101.9	533

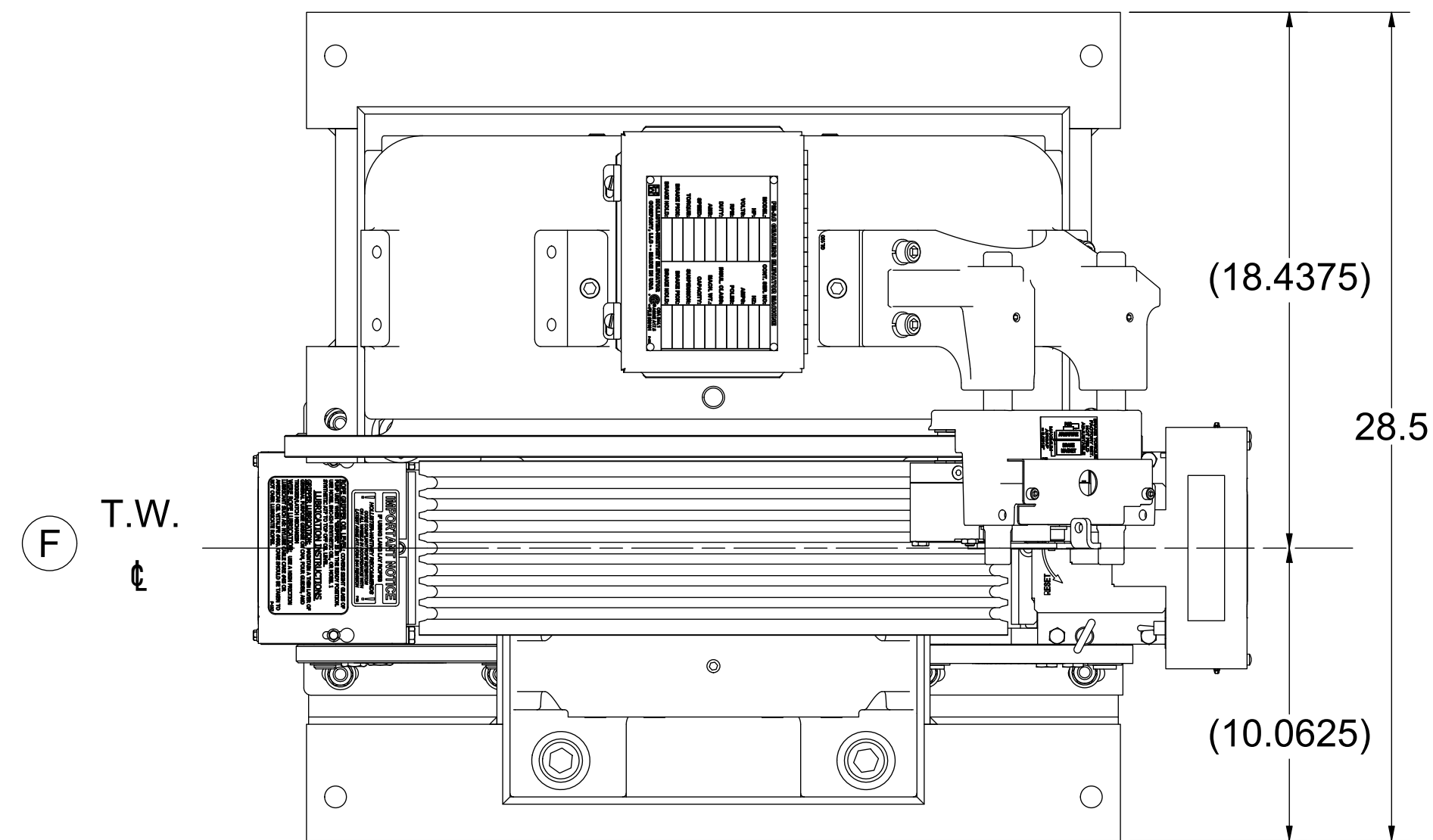
WEIGHT: 2404.5 lbmass

				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
F				TITLE			
TW GL171-010 WAS GL100-010, UPDATE C/L DIM. FOR WIDE TW, PUR #1800				GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB			
THIRD ANGLE PROJECTION				DRAWN BY		REFERENCE TOL.	
				SCALE		ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
				LTL 1/5		SEE PARTS LIST	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				SHEET SIZE		DATE	
				D		5/22/2014	
						GL101-620	
						SHEET 1 OF 2	

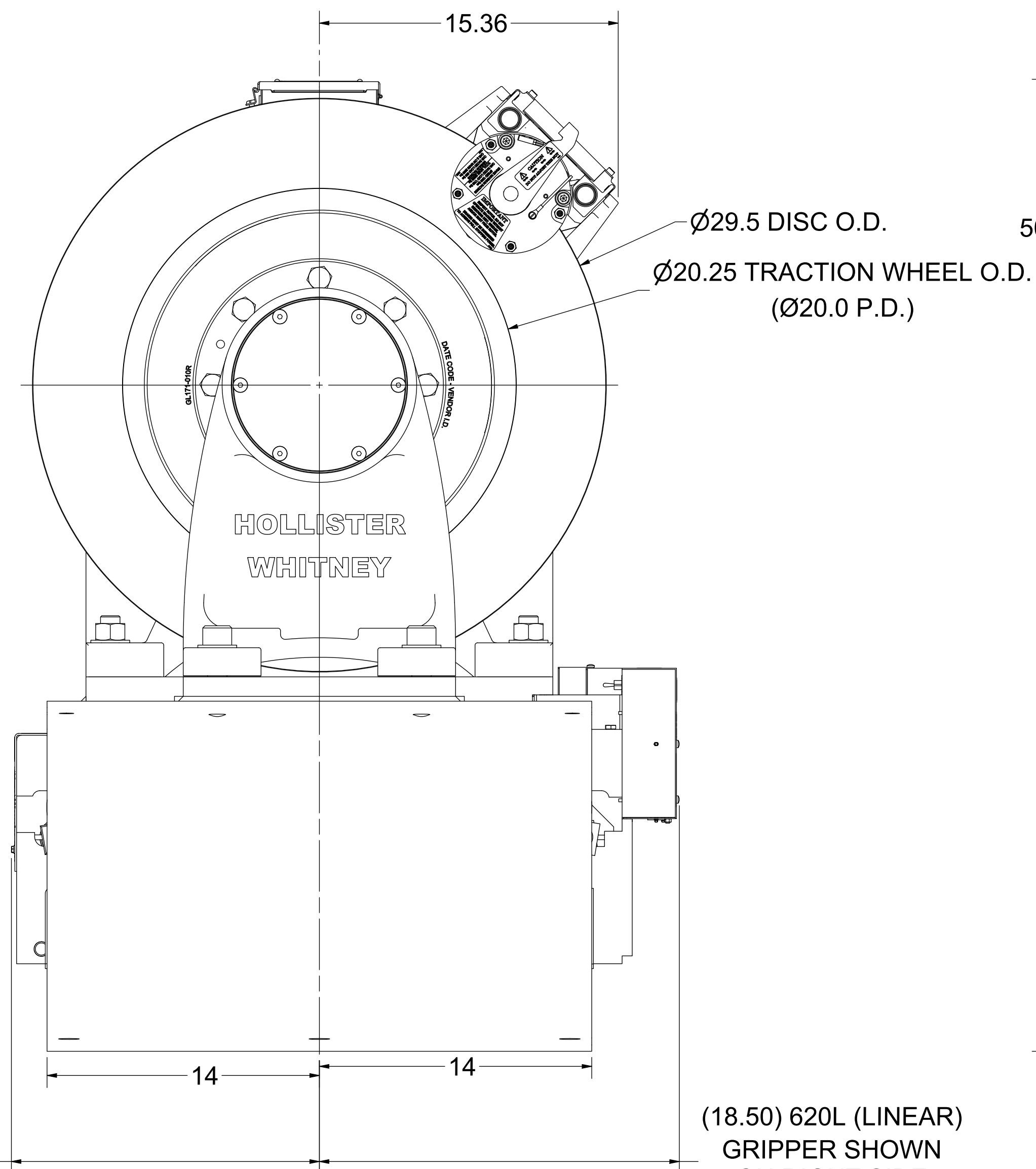
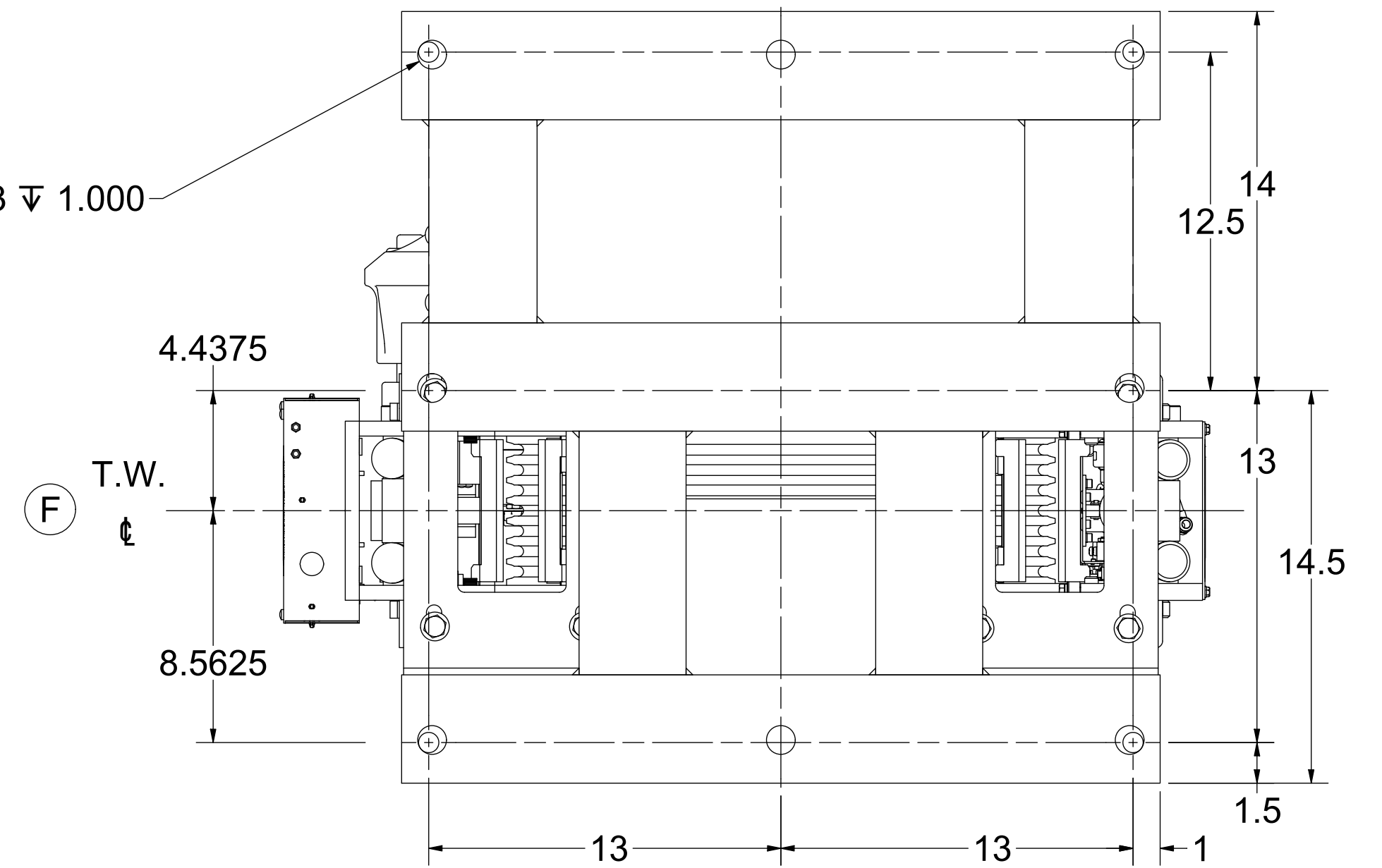
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.





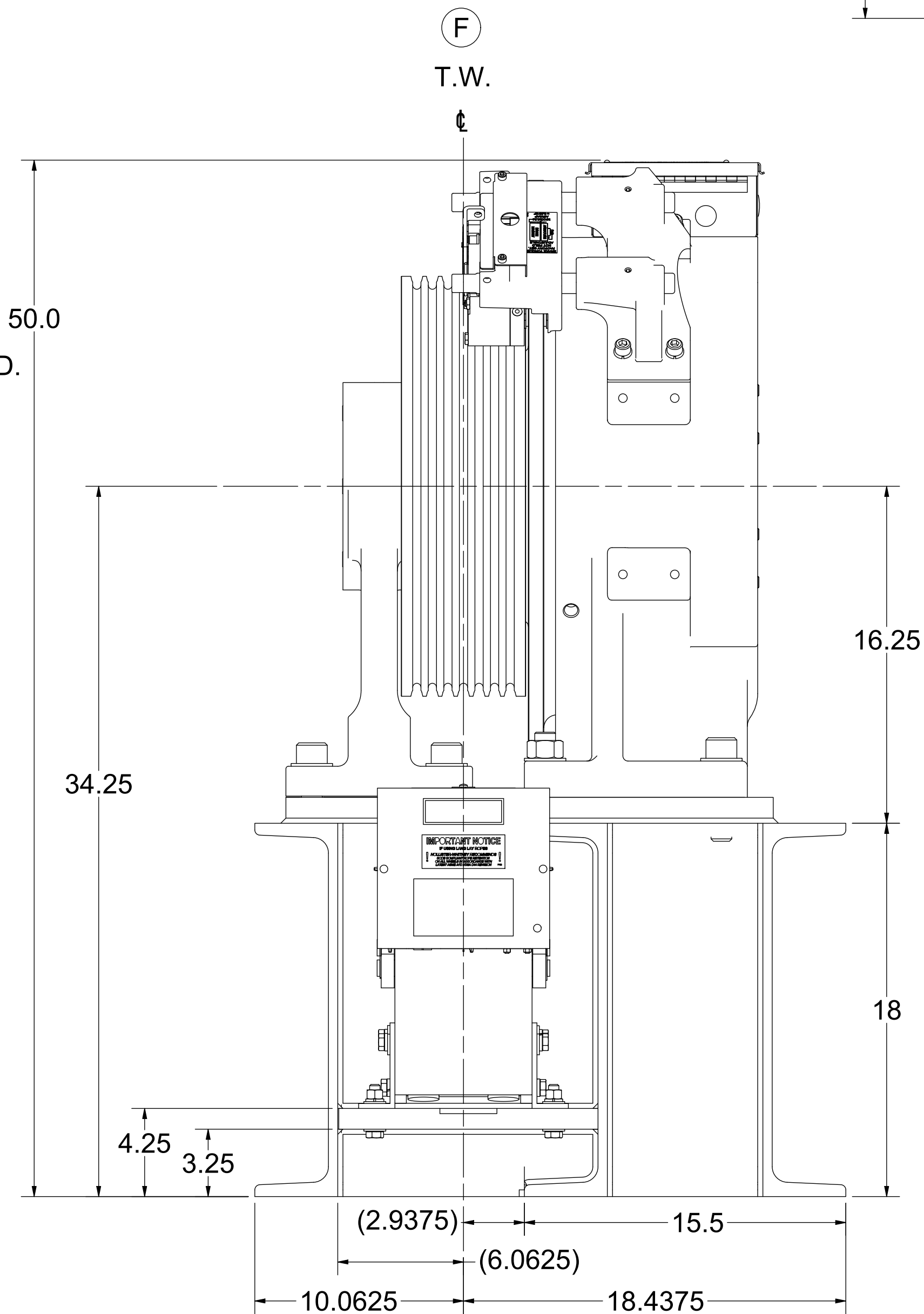
8X Ø1.063 ∇ 1.000



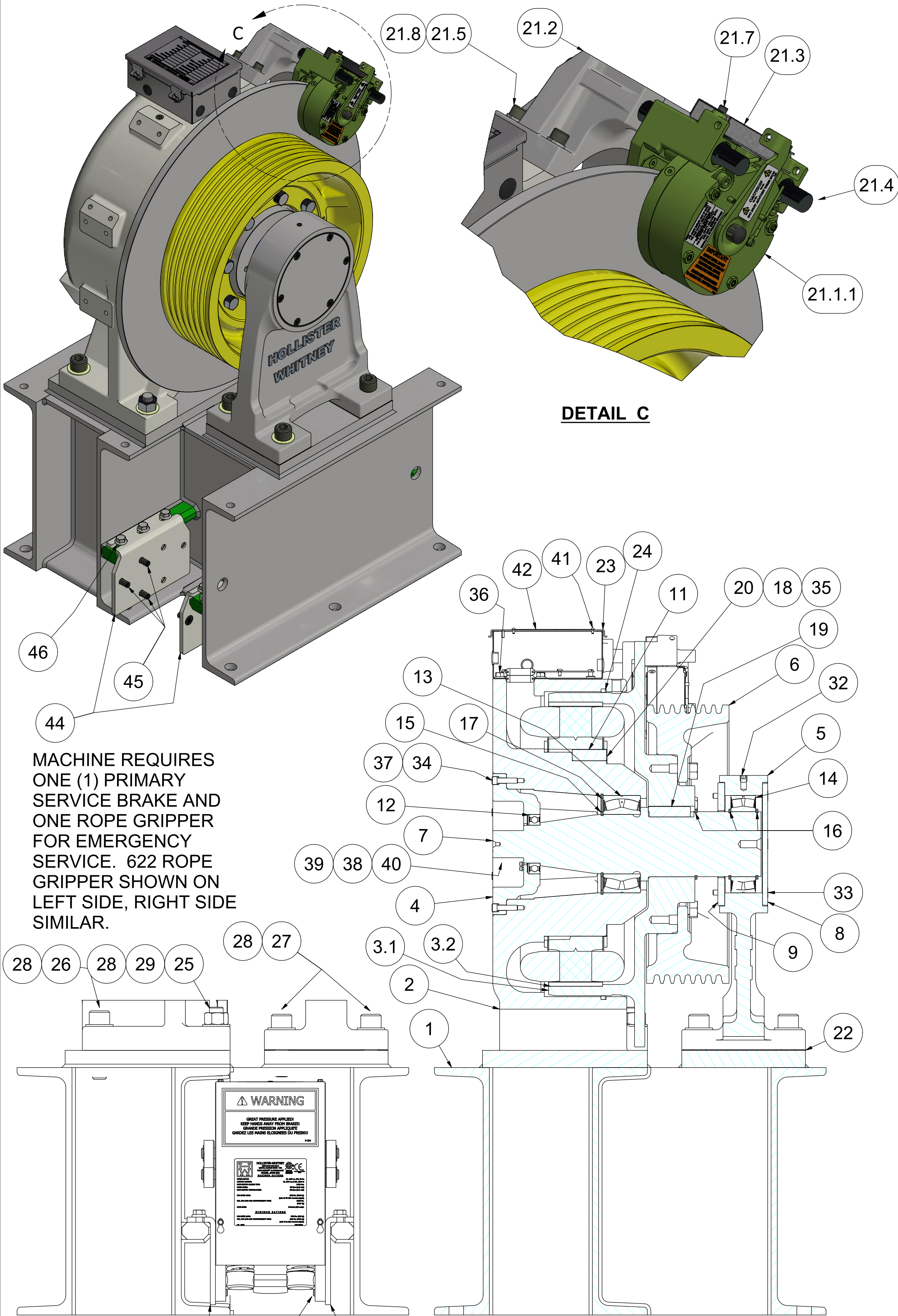
(15.83) 620 HYDRAULIC
GRIPPER SHOWN
ON LEFT SIDE
RIGHT SIDE SIMILAR

(18.50) 620L (LINEAR)
GRIPPER SHOWN
ON RIGHT SIDE
LEFT SIDE SIMILAR

BOTH GRIPPER OPTIONS, HYDRAULIC
AND LINEAR, SHOWN FOR
ILLUSTRATIVE PURPOSES ONLY



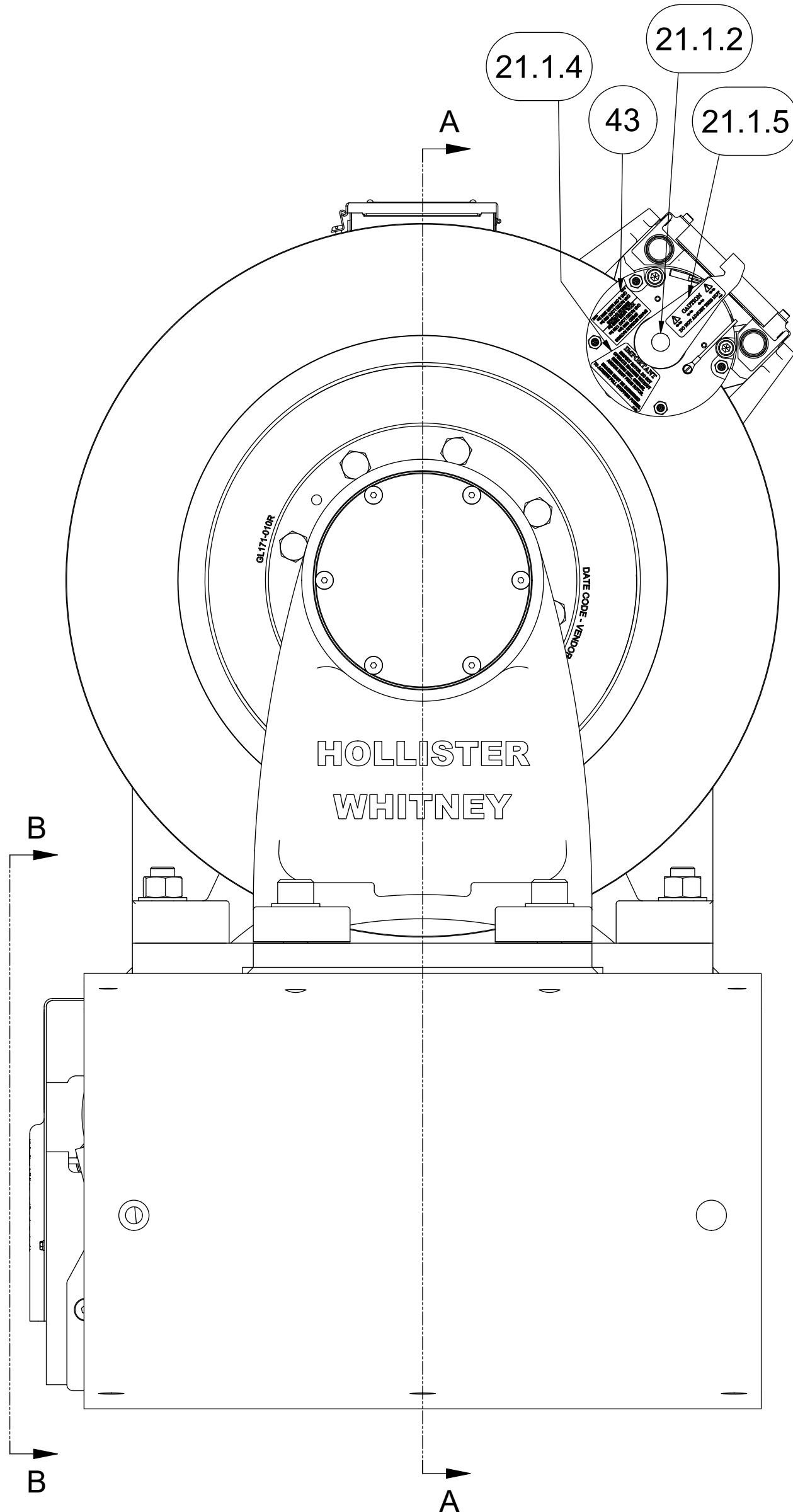
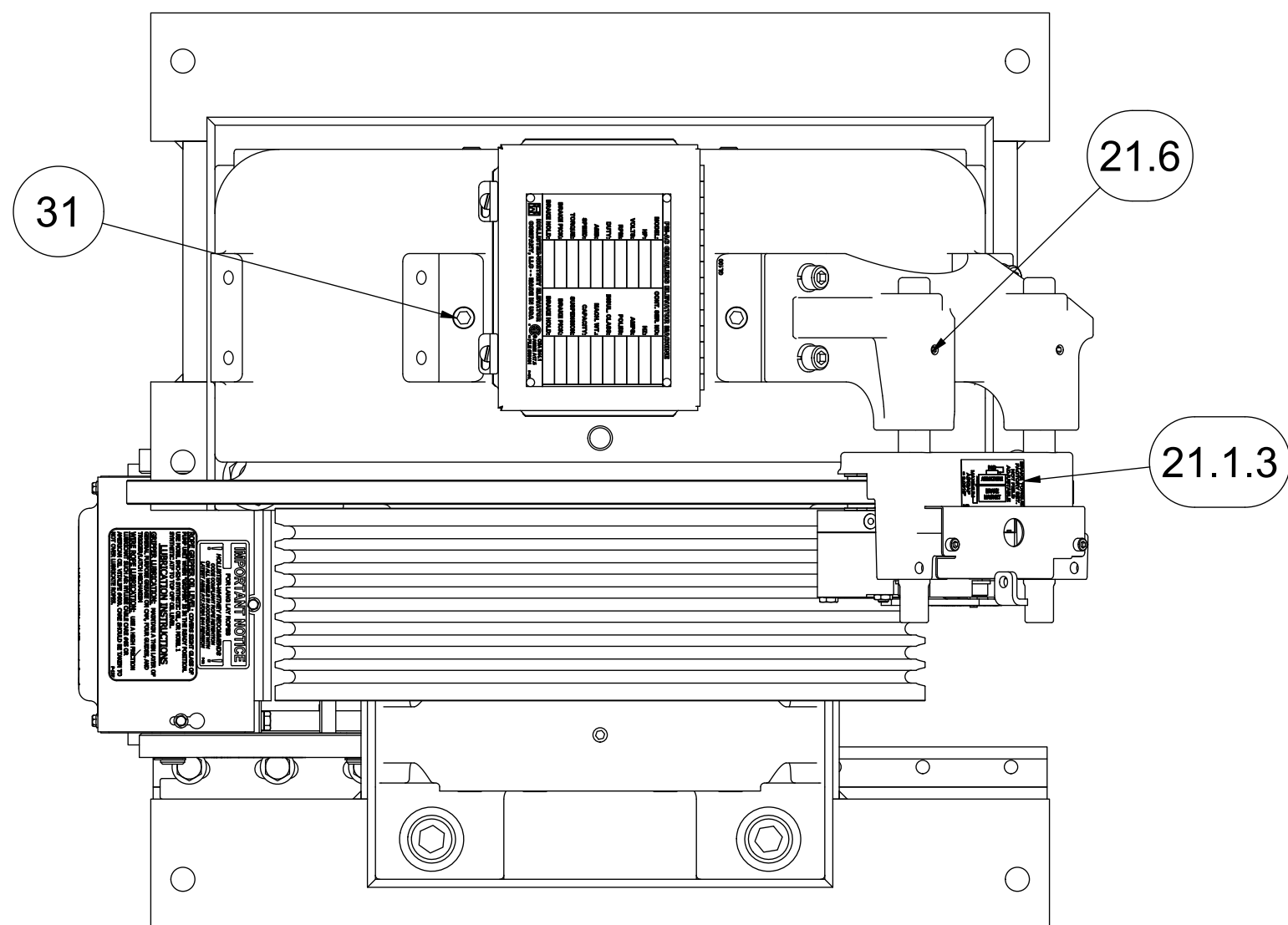
				SEE OTHER SIDE FOR REVISIONS	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
					TITLE GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB			
					DRAWN BY LTL		SCALE 1 / 5	MATERIAL SEE PARTS LIST
					SHEET SIZE D		DATE 5/22/2014	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED GL101-620 SHEET 2 OF 2
					THIRD ANGLE PROJECTION			
					WEIGHT: 2404.5 lbmass			
					THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.			



DETAIL C

SECTION A-A

VIEW B-B



F

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL101B-622	BASE FABRICATION - FINISHED
2	1	GL100-001	BASE HOUSING, MOTOR #GL100
3	1	GL101-002	ROTOR ASSEMBLY, MOTOR #GL100
3.1	1	GL101-004	ROTOR
3.2	28	GL100-099	PERMANENT MAGNET - MOTOR #GL100
4	1	GL260-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL101-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL100-090	Bearings, Sealed Spherical Roller
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	1	GL100-092	RETAINING RING - SHAFT
16	3	GL130-092	RETAINING RING - SHAFT
17	1	GL100-093	RETAINING RING - HOUSING
18	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
19	1	GL100-095	KEY - ROTOR TO SHAFT
20	1	GL100-100	WINDING ASSEMBLY
21	1	GL100-146	DISC BRAKE (MAYR #6) - MRL
21.1	1	GL100-146-115S	MAYR #6 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL100-146-115	MAYR #6 RSD6/894.510.03S 52V #8275067
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	142-001	BRAKE BASE
21.3	1	146-003	COVER - MAYR #6 ELECTRICAL
21.4	2	142-012	BRAKE ROD
21.5	4	1/2-13 UNC x 2	SOCKET HEAD CAP SCREW
21.6	4	1/2" WASHER	STANDARD WASHER
21.7	2	3/8-16 UNC x 0.375	SET SCREW
21.8	2	M6 x 1.00 x 8mm	SHCS - Metric
22	As Nec.	GL171-157-05	OUTBOARD STAND SHIM - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM - 0.031"
23	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
24	1	GL100-165	FELT DUST SEAL
25	2	1 - 8 UNC x 5"	SOCKET HEAD CAP SCREW
26	2	1 - 8 UNC x 4"	SOCKET HEAD CAP SCREW
27	4	1 - 8 UNC x 3.25"	SOCKET HEAD CAP SCREW
28	8	1" WASHER	SAE WASHER
29	8	1" NUT	HEX NUT
30	8	Washer GB 859-87 18	Single coil spring lock washers, Light type
31	6	3/4 - 10 UNC x 0.75"	SET SCREW (HOLE PLUG)
32	6	1/2 - 13 UNC x 0.5"	SET SCREW (HOLE PLUG)
33	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
34	6	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
35	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
36	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
37	6	0.375 WASHER	CAP SCREW LOCK WASHER
38	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
39	4	#8 WASHER	INT. TOOTH LOCKWASHER
40	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
41	4	#6 U x 0.3125	DRIVE SCREW
42	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
43	1	P-210	TAG, GL101 - BRAKE RATINGS FOR MAYR #6
44	2	622-041-GL	MOUNTING ANGLE, GL101-622 BASE
45	6	1/2 - 13 UNC x 1.25"	FLAT HEAD CAP SCREW
46	6	1/2 - 13 UNC x 1.25"	HEX FLANGE HEAD SREW
47	1	622	NOT INCLUDED, SHOWN FOR CLARITY ONLY

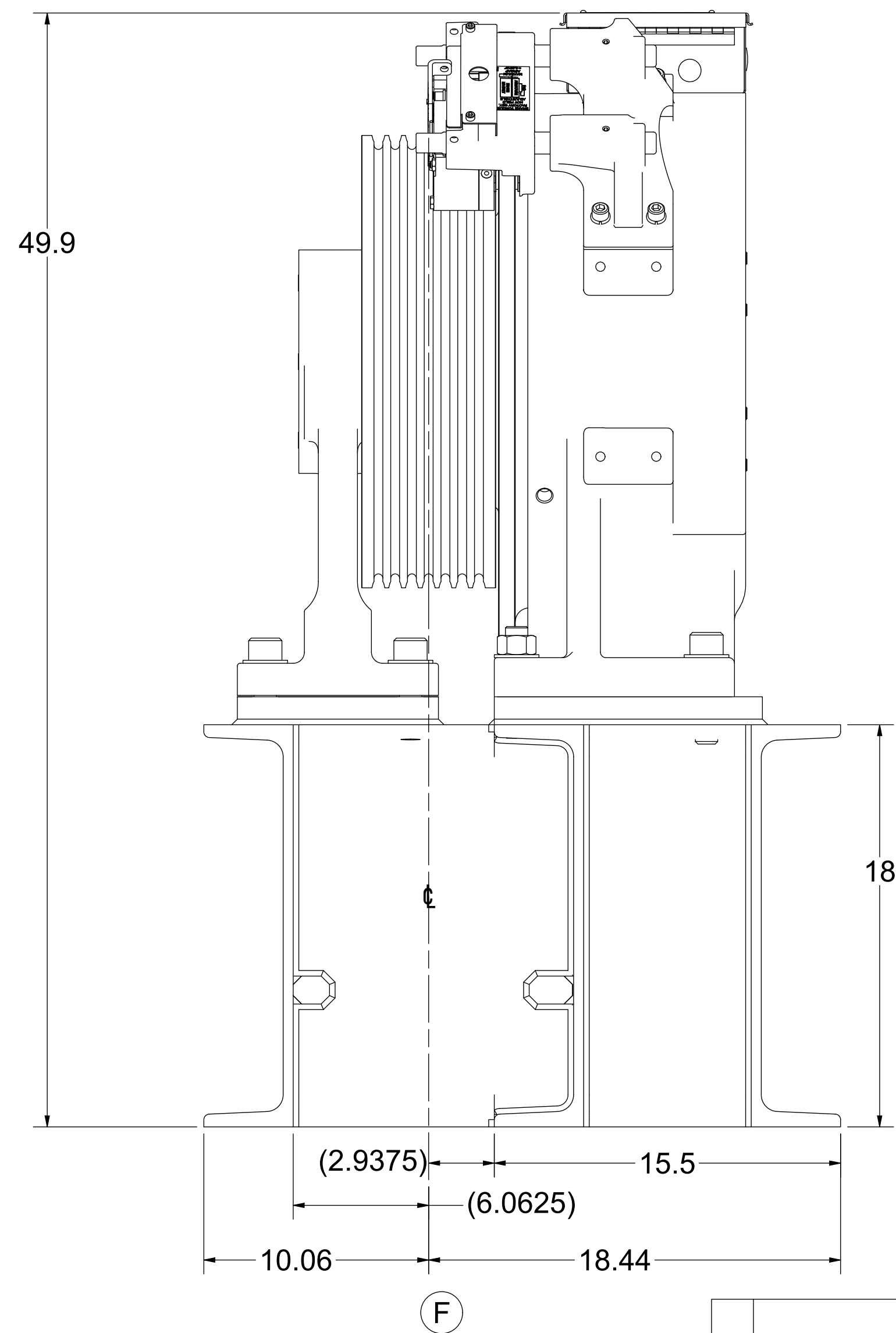
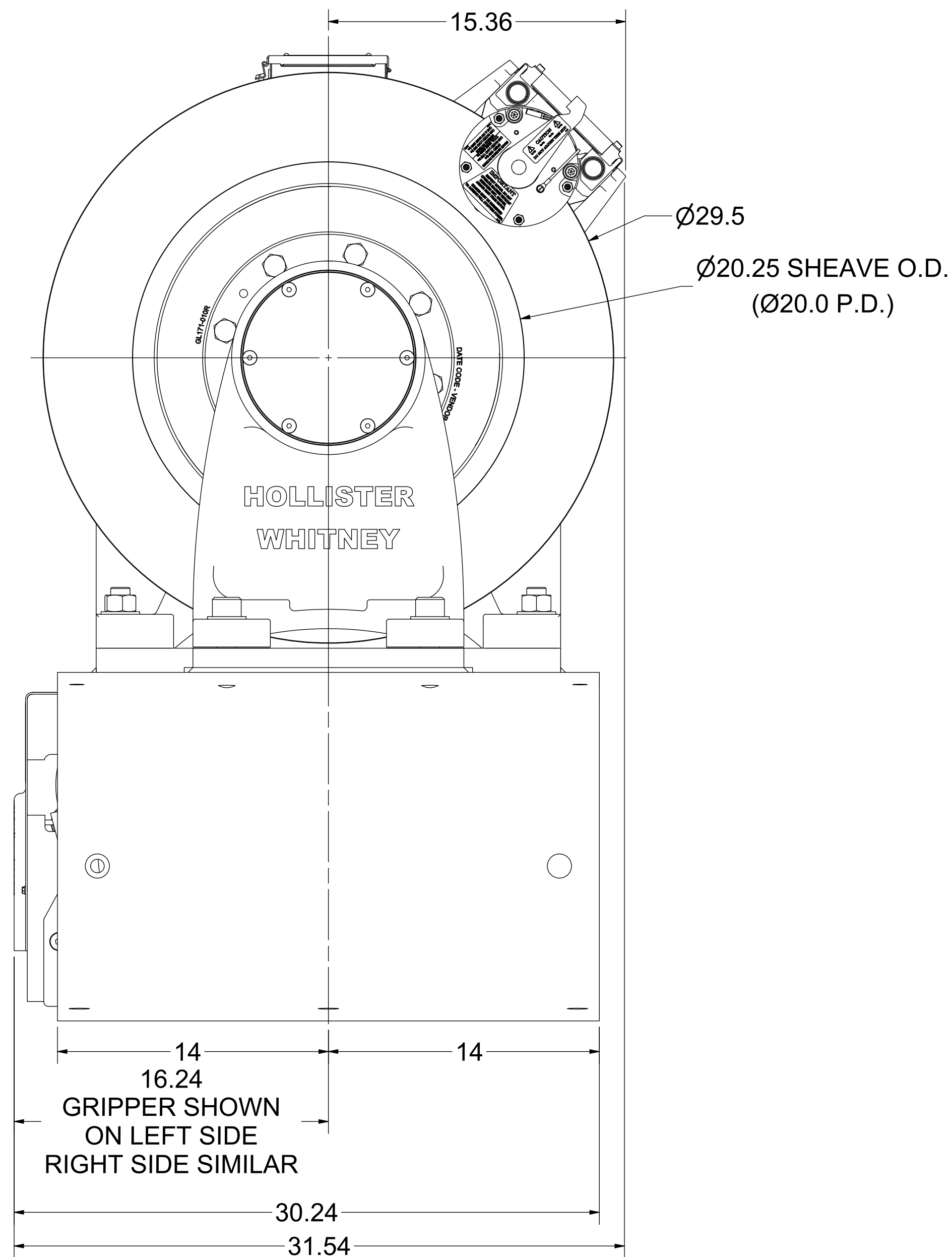
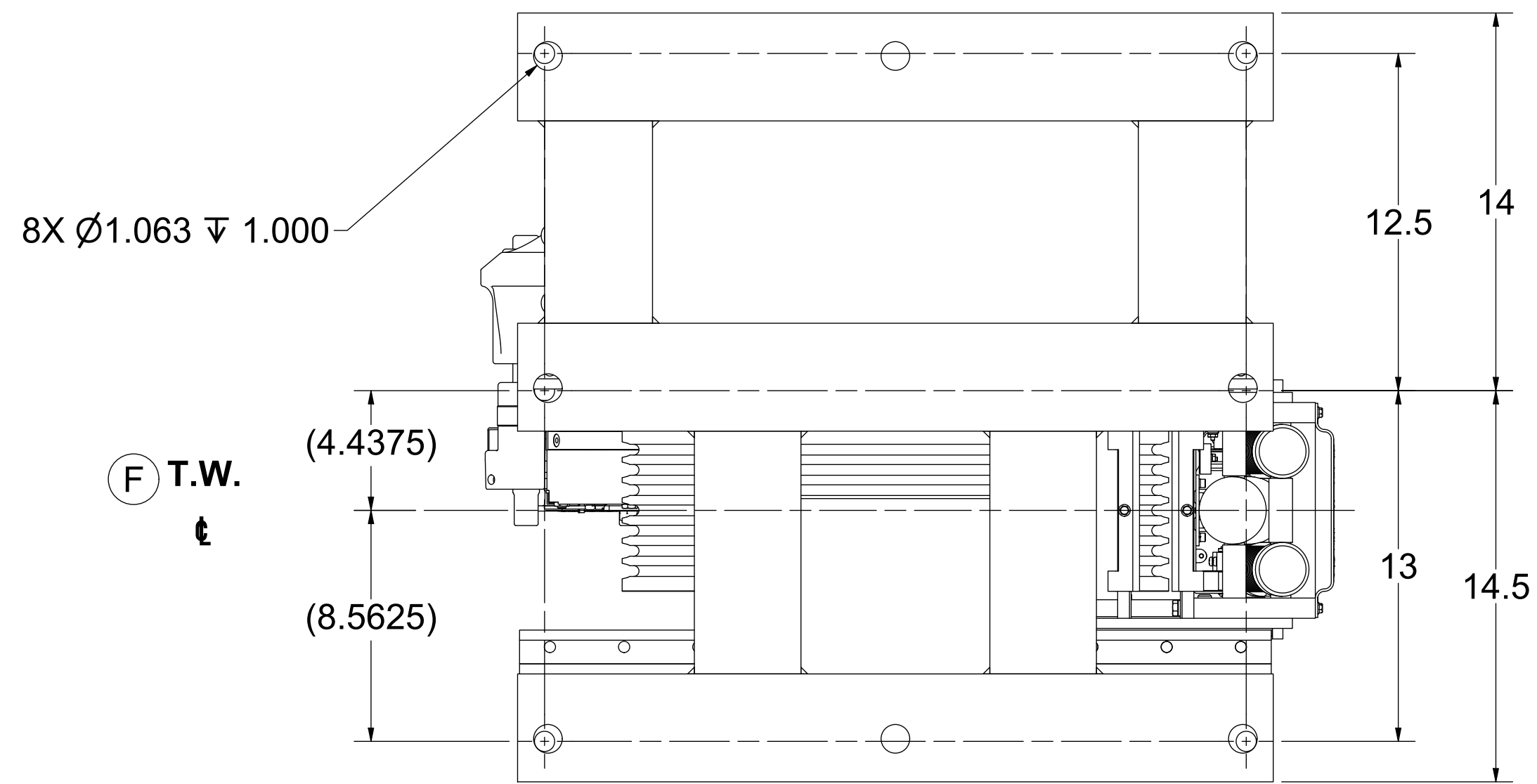
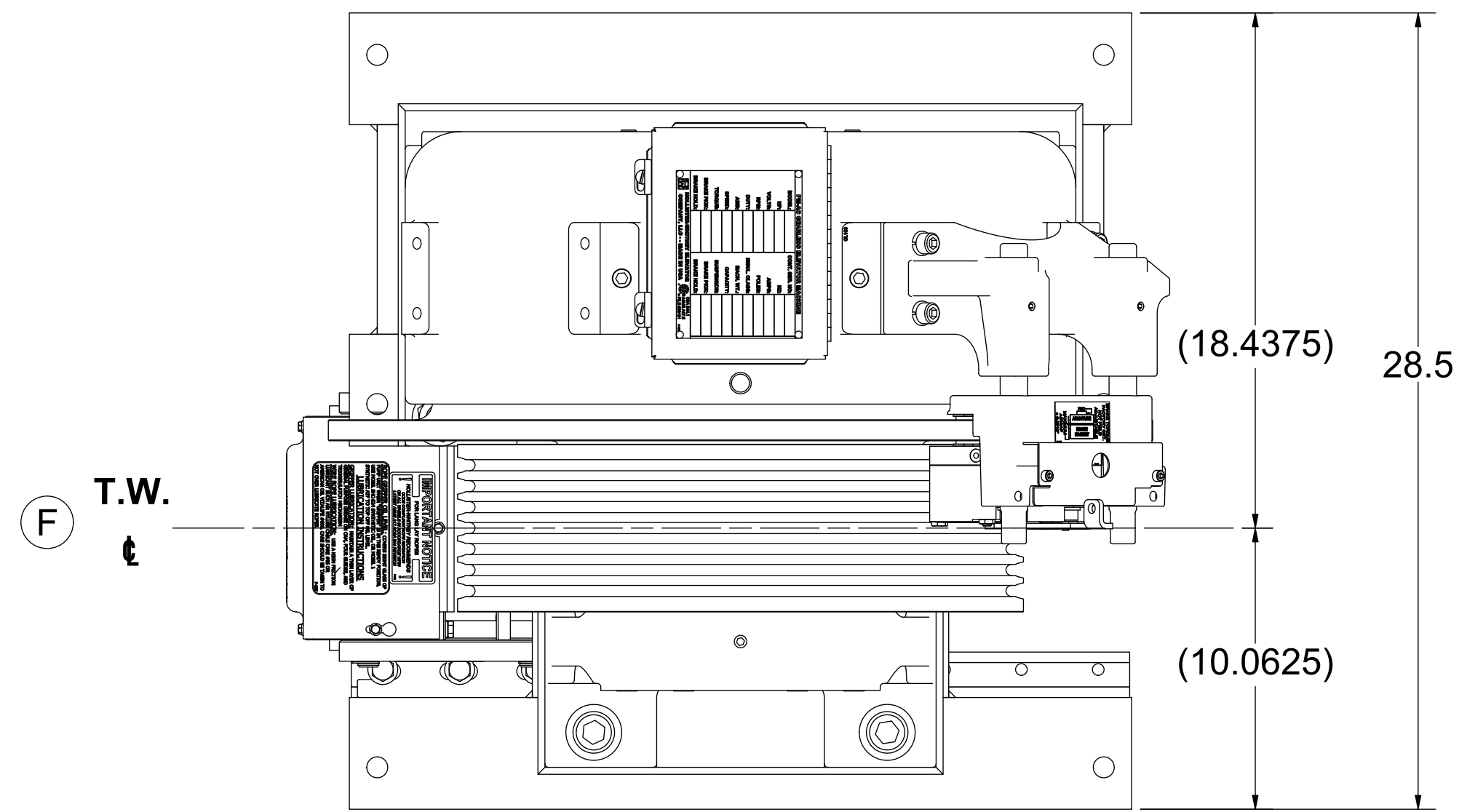
1:1 APPLICATIONS USING 2:1 WINDINGS						
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)
GL101-15L	GL100-170-150	87.2	100	170	76.4	400
GL101-15H	GL100-360-150	87.1	100	360	76.4	400
GL101-20L	GL100-170-200	89.2	100	170	101.9	533
GL101-20H	GL100-360-200	89.3	100	360	101.9	533

F				TW GL171-010 WAS GL100-010, UPDATE C/L DIM. FOR WIDE TW, PUR #1800		LTL 7/19/23
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.				THIRD ANGLE PROJECTION		
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				DRAWN BY LTL		SCALE 1/5
				SHEET SIZE D		DATE 5/21/2014
				SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						GL101-622
						SHEET 1 OF 2

WEIGHT: 2244.4 lbmass

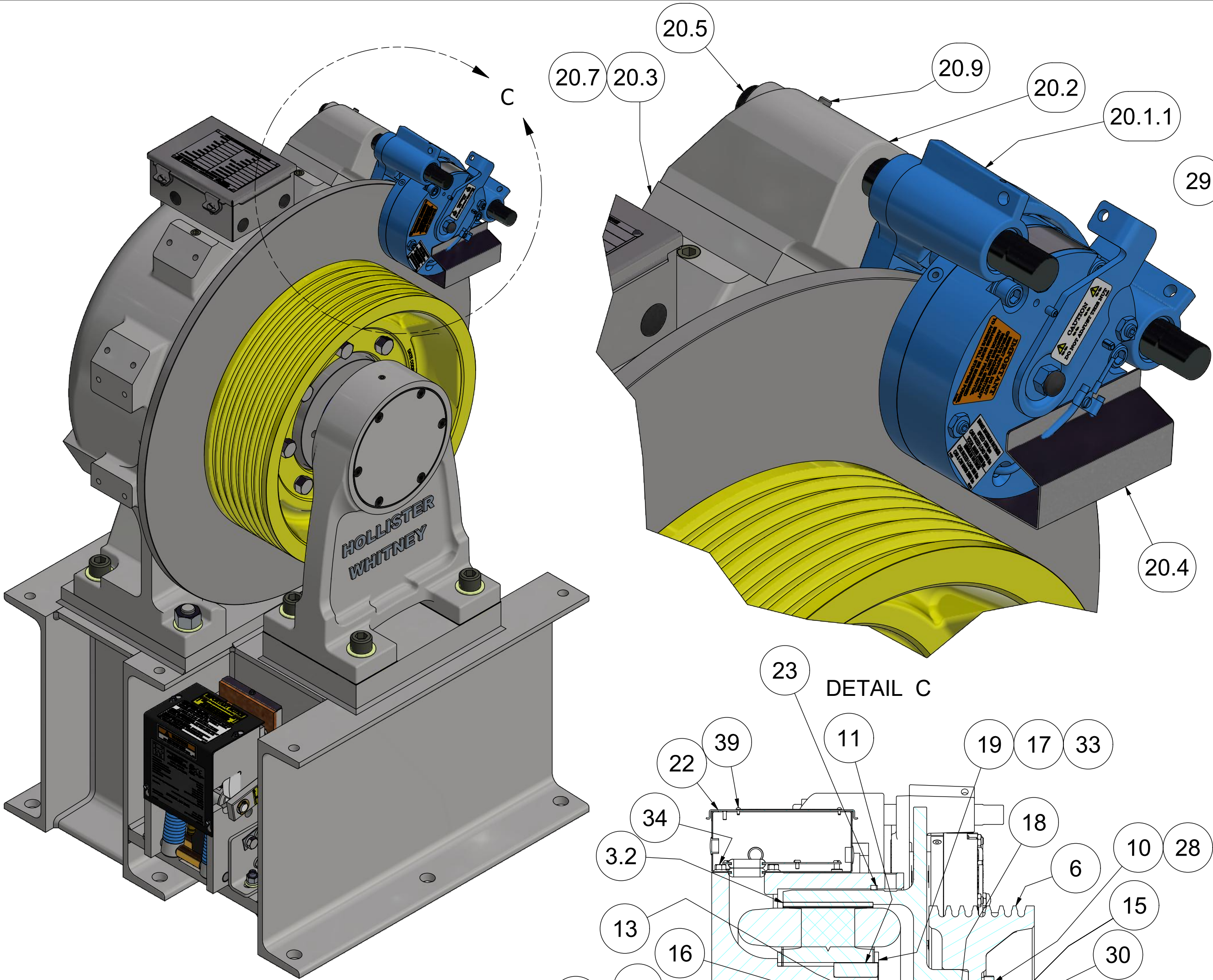
HOLLISTER-WHITNEY
ELEVATOR CO. LLC

TITLE
GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB

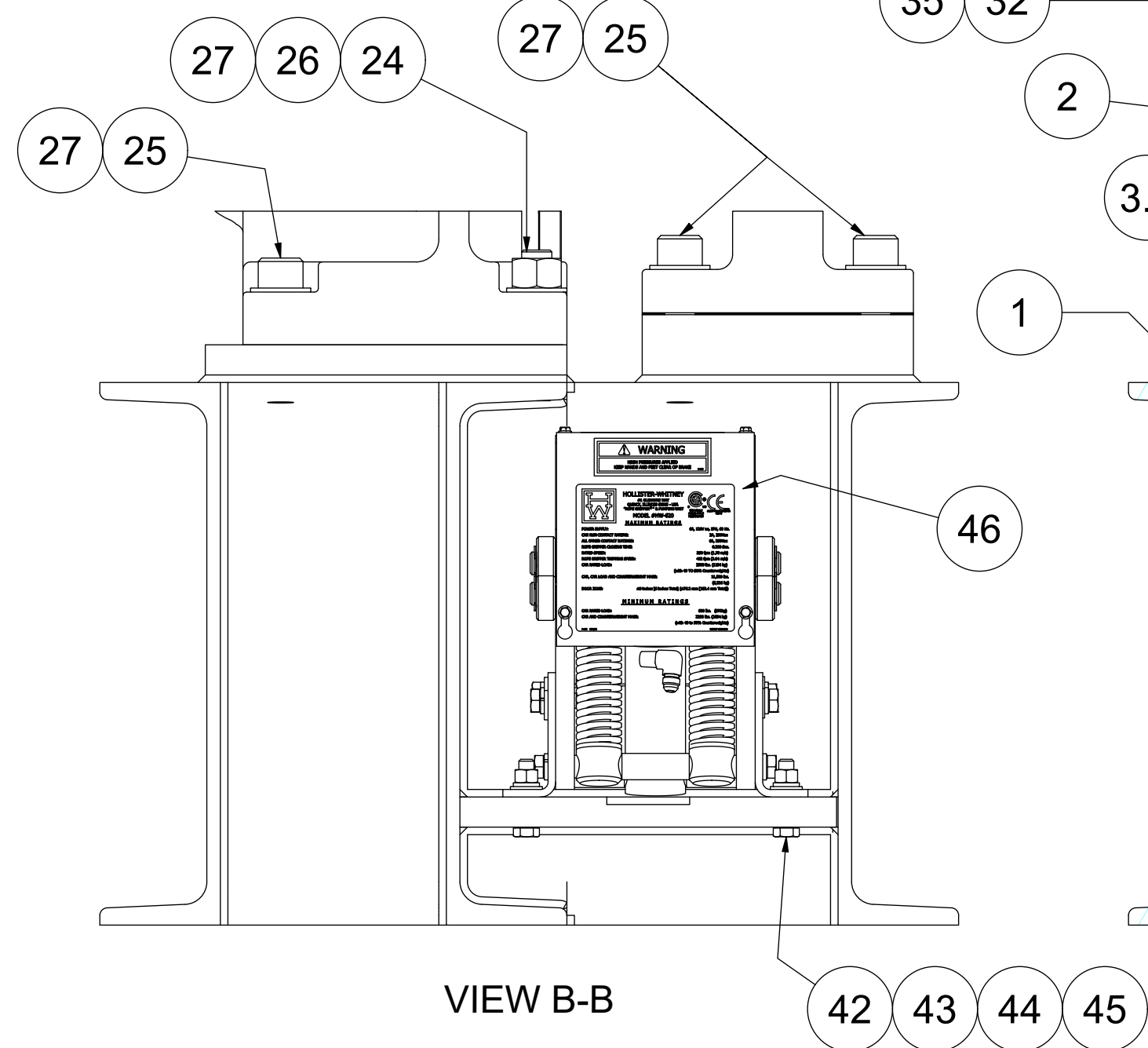


SEE OTHER SIDE FOR REVISIONS

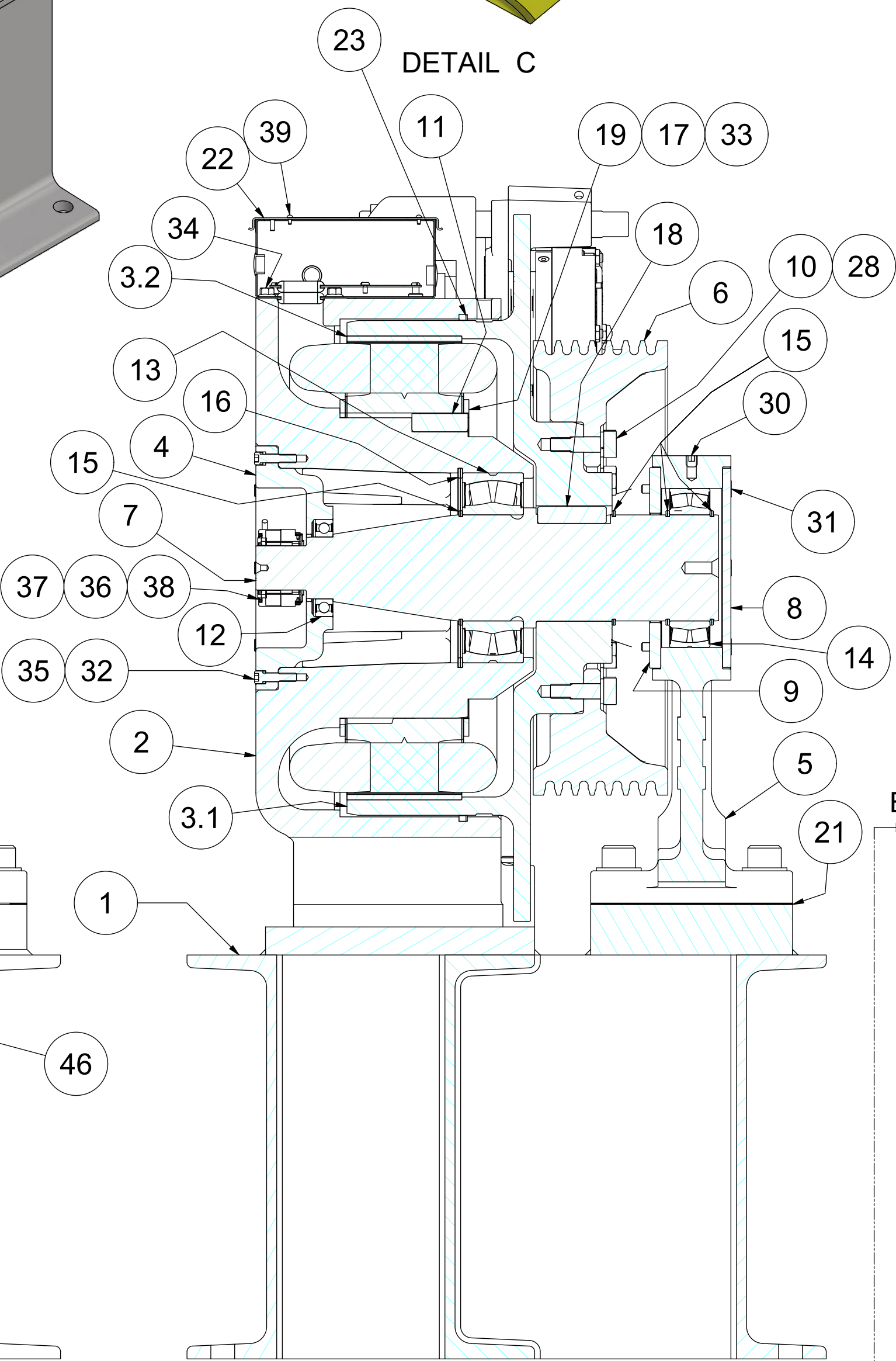
				WEIGHT: 2244.4 lbmass									
				HOLLISTER-WHITNEY									
				ELEVATOR CO. LLC									
				TITLE									
				GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB									
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOID ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>				THIRD ANGLE PROJECTION		DRAWN BY		SCALE		MATERIAL		REFERENCE TOL.	
						LTL		1 / 5		SEE PARTS LIST		ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
				SHEET SIZE		DATE		GL101-622		SHEET 2 OF 2			
				D		5/21/2014							



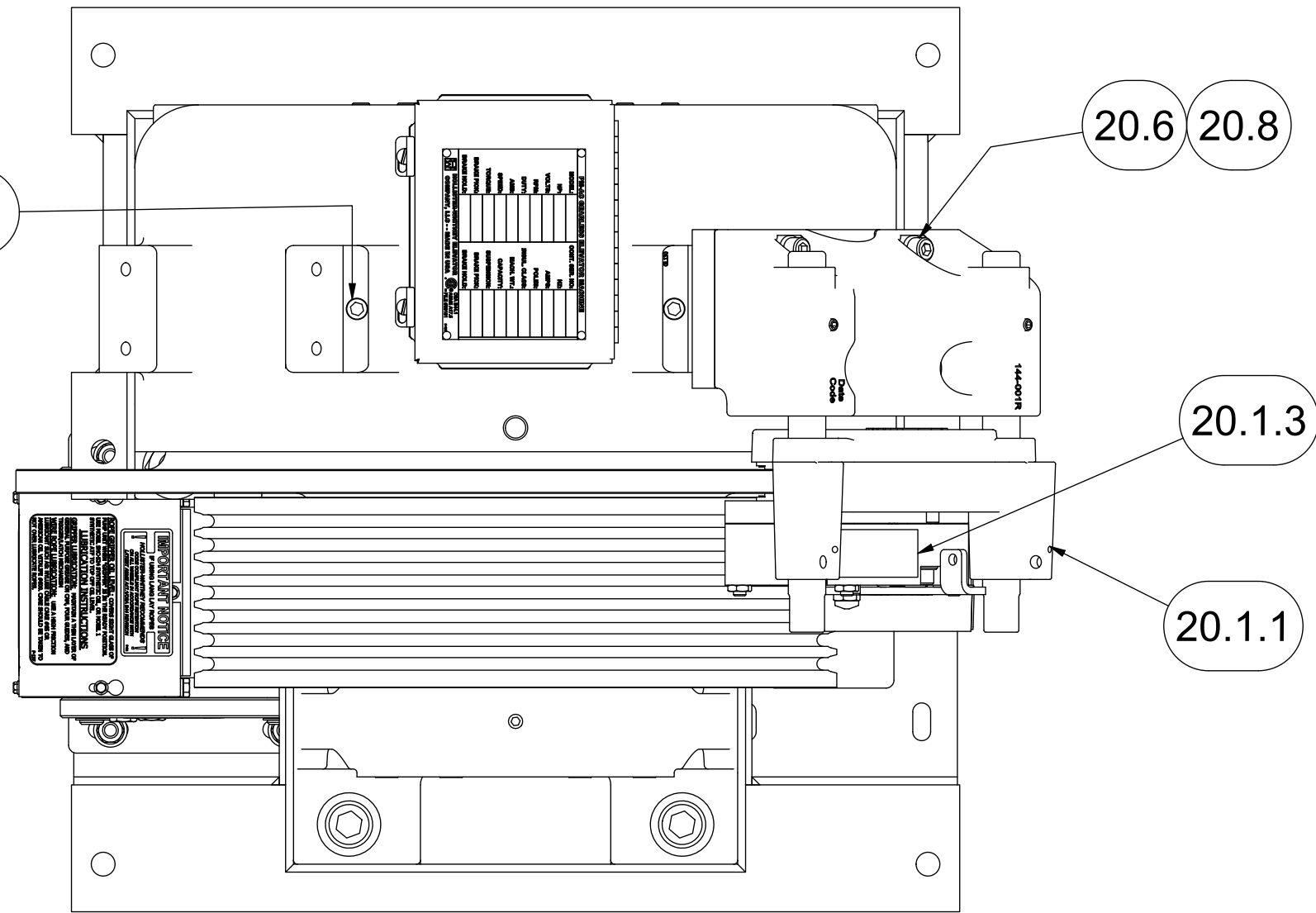
MACHINE REQUIRES ONE (1) PRIMARY SERVICE BRAKE AND ONE ROPE GRIPPER FOR EMERGENCY SERVICE. 620 ROPE GRIPPER (NOT INCLUDED) SHOWN ON LEFT SIDE, RIGHT SIDE SIMILAR. ROPE GRIPPER BOLT-DOWN HARDWARE INCLUDED.



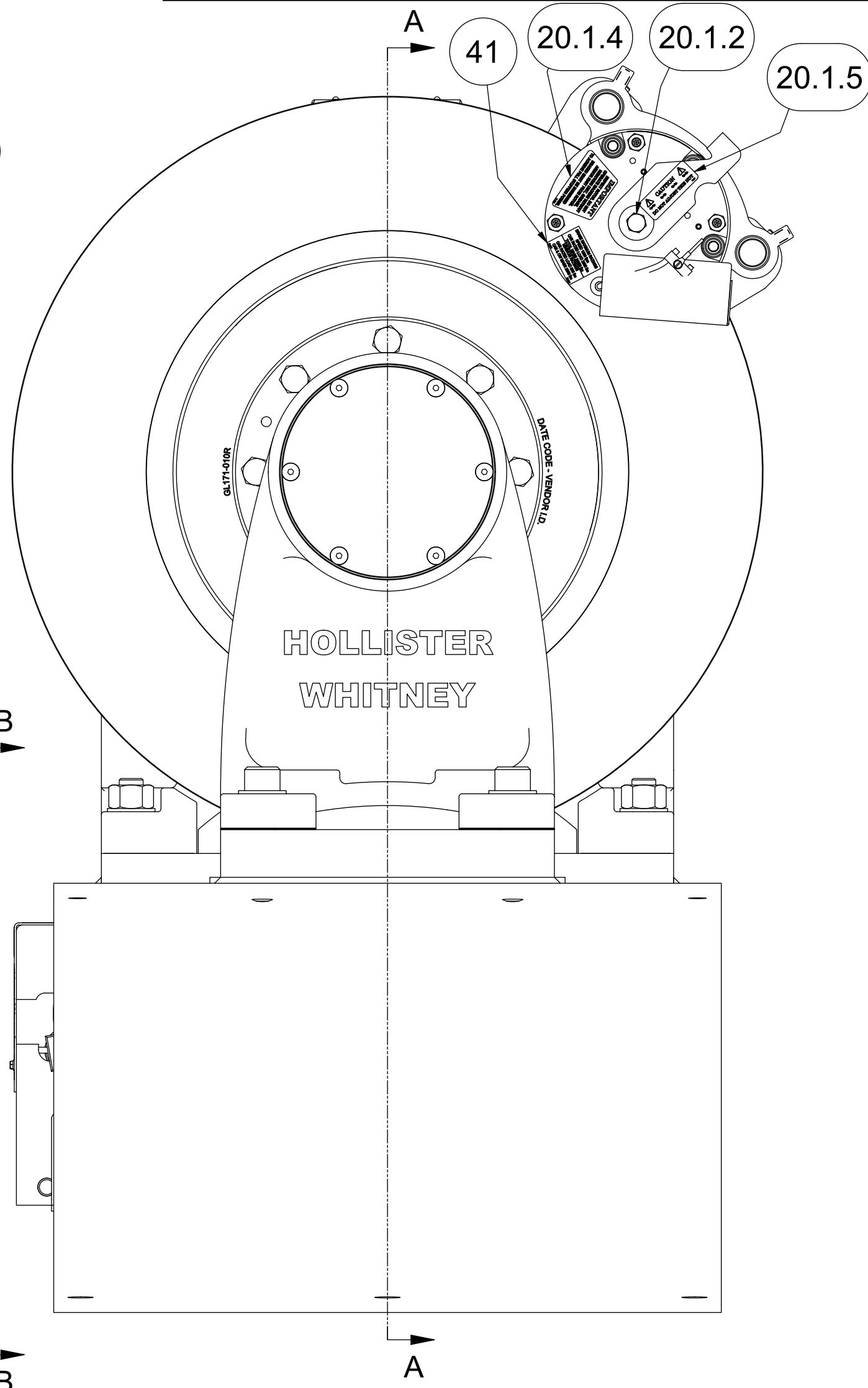
VIEW B-B



SECTION A-A



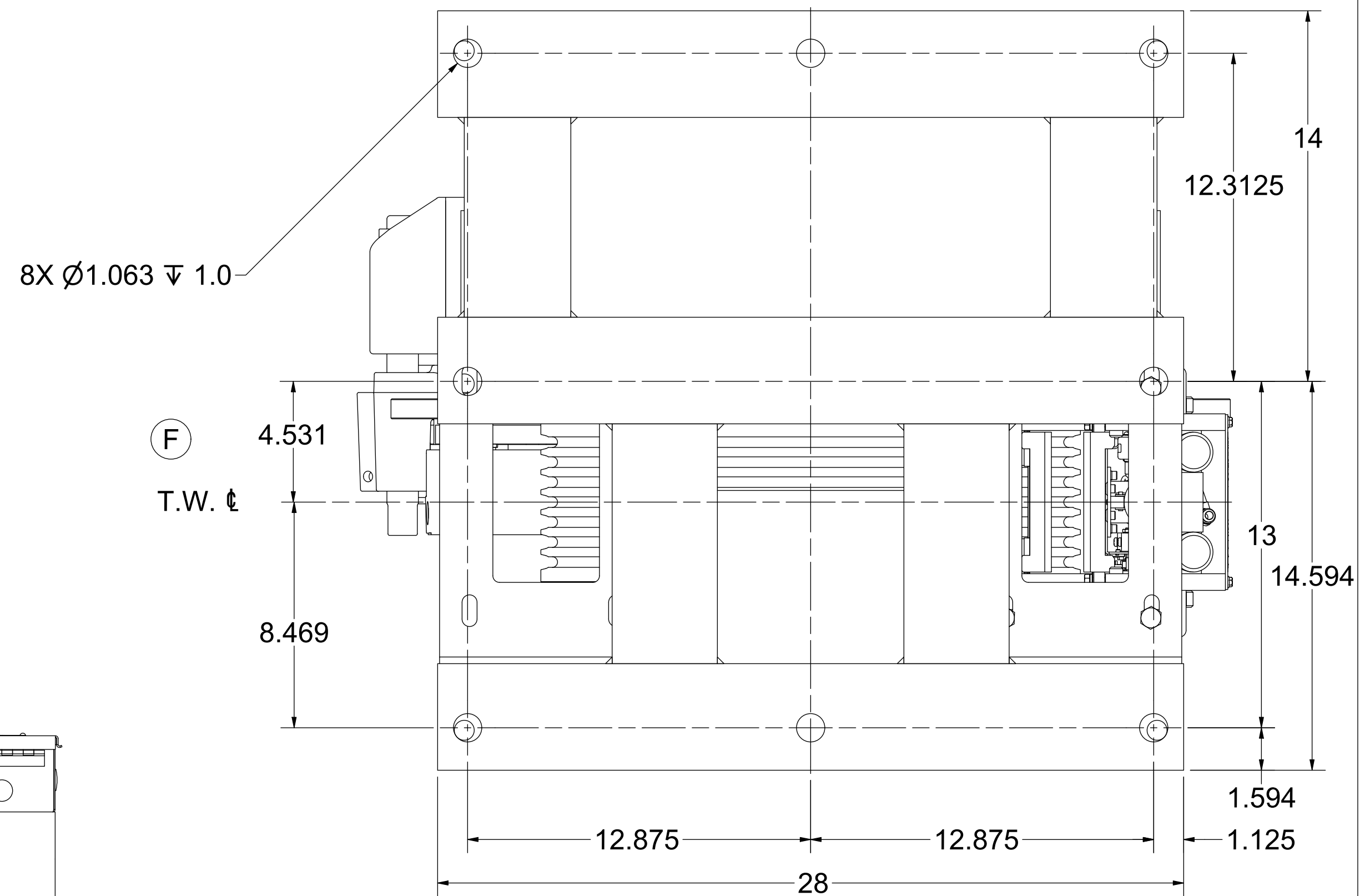
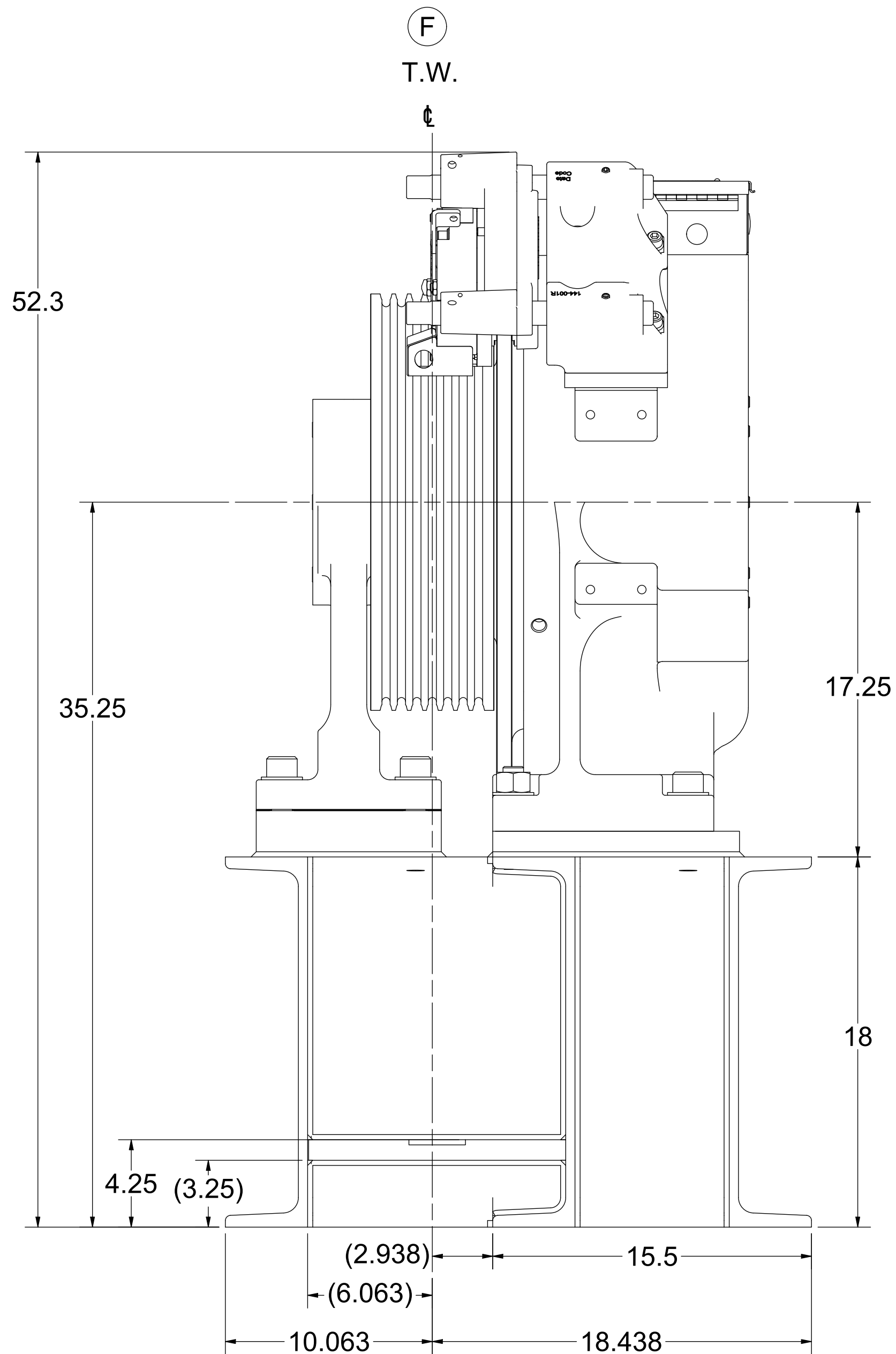
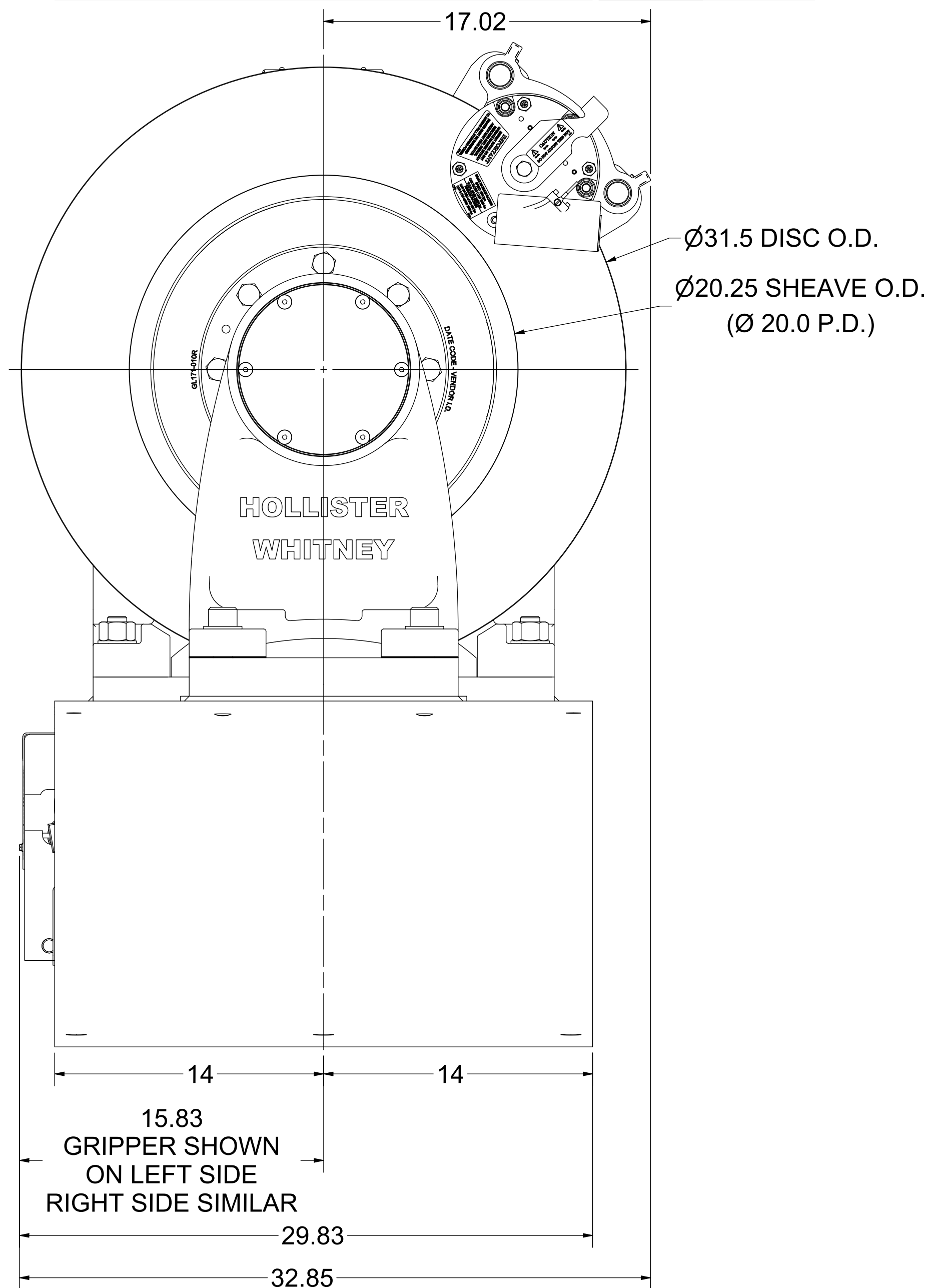
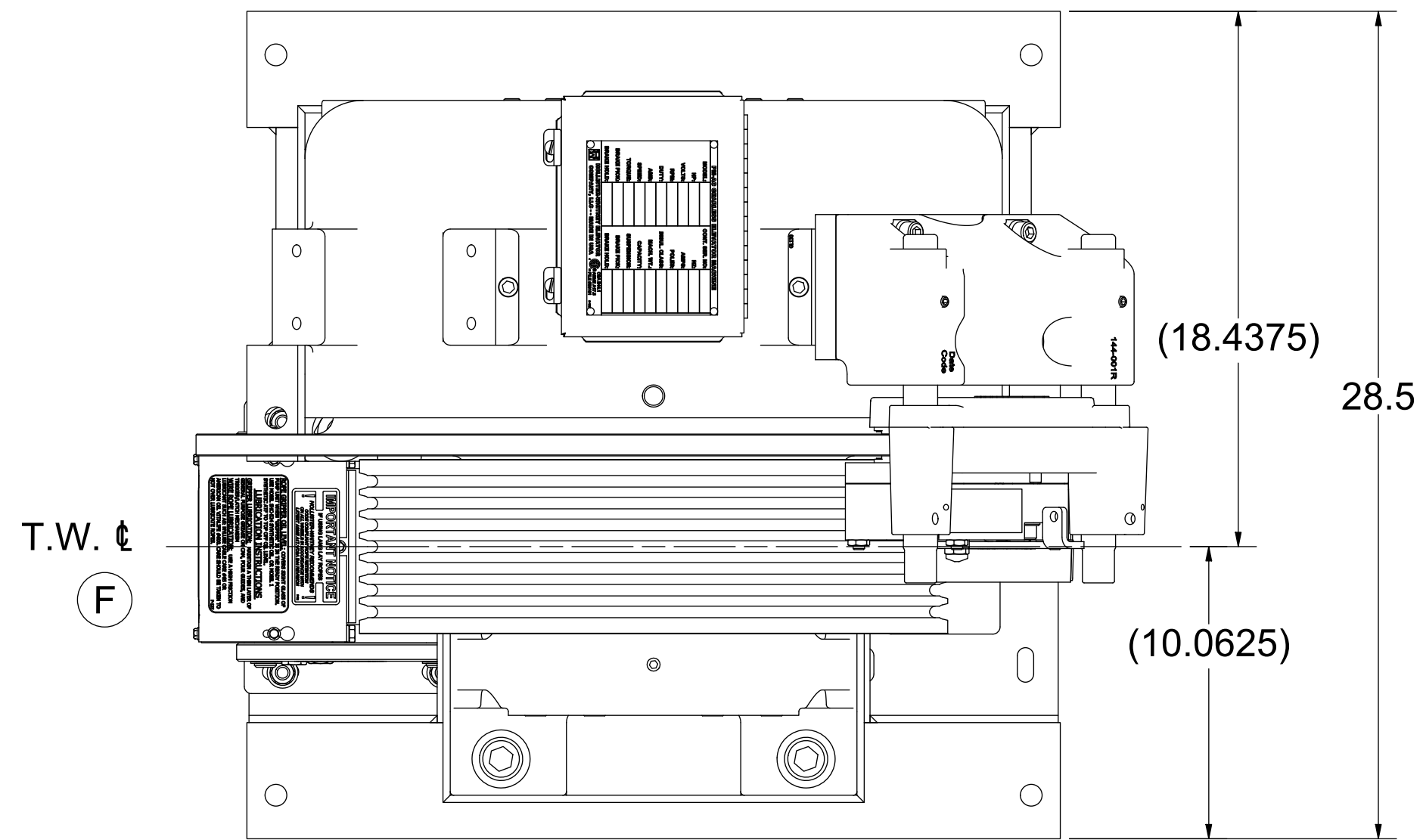
1:1 APPLICATIONS USING 2:1 WINDINGS						
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)
GL131-20L	GL130-170-200	90.6	130	170	101.9	533
GL131-20H	GL130-360-200	90.7	130	360	101.9	533
GL131-35L	GL130-170-350	93.1	130	170	178.3	933
GL131-35H	GL130-360-350	93	130	360	178.3	933




ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-620	BASE FABRICATION - FINISHED
2	1	GL130-001	BASE HOUSING, MOTOR #GL130
3	1	GL131-002	ROTOR ASSEMBLY, MOTOR #GL131
3.1	1	GL131-004	ROTOR
3.2	28	GL130-099	PERMANENT MAGNET - MOTOR #GL130
4	1	GL130A-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" TRACTION SHEAVE - 7 x 1/2" ROPE MAX
7	1	GL131-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP RING - STATOR ASSEMBLY
18	1	GL100-095	KEY - ROTOR TO SHAFT
19	1	GL130-100	WINDING ASSEMBLY - 28 POLE
20	1	GL130-144	DISC BRAKE (MAYR #8) - MRL
20.1	1	GL130-144-115S	MAYR #8 BRAKE WITH STANDARD STICKERS
20.1.1	1	GL130-144-115	MAYR #8; RSD8/894.510.03S 52V #8275066
20.1.2	1	142-050	BLACK VINYL CAP
20.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
20.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
20.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
20.2	1	144-001	BRAKE BASE
20.3	1	144-002	ADAPTOR PLATE - BRAKE BASE
20.4	1	144-003	COVER - MAYR #8 ELECTRICAL
20.5	2	144-012	BRAKE ROD
20.6	4	1/2 - 13 UNC x 1.75"	HEX HEAD CAP SCREW
20.7	4	1/2-13 UNC x 1.5	FLAT HEAD CAP SCREW
20.8	4	1/2" WASHER	STANDARD WASHER
20.9	2	3/8-16 UNC x 0.625	Hexagon Socket Set Screw - Flat Point
21	AS NEC.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM STOCK - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
22	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
23	1	GL100-165	FELT DUST SEAL
24	2	1 - 8 UNC x 5	ALL THREAD - GRADE 5
25	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
26	2	1 - 8 UNC NUT	HEAVY HEX NUT
27	8	1" WASHER	SAE WASHER
28	8	M18 LOCK WASHER	HELICAL SPRING LOCK WASHER - BODY BOLT
29	2	3/4-10 UNCx0.75	HALF DOG SET SCREW
30	1	1/2-13 UNCx0.5	HALF DOG SET SCREW
31	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
32	8	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
33	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
34	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
35	8	3/8 WASHER	CAP SCREW LOCK WASHER
36	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
37	4	#8 WASHER	INT. TOOTH LOCKWASHER
38	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
39	4	#6 U x 0.3125	DRIVE SCREW
40	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
41	1	P-211	TAG, GL131 - BRAKE RATINGS FOR MAYR #8
42	4	1/2 - 13 UNC x 2.25"	HEX HEAD CAP SCREW
43	4	1/2 - 13 UNC	NUT - STANDARD HEX
44	4	1/2 LOCK WASHER	STANDARD LOCK WASHER
45	4	1/2" WASHER	STANDARD WASHER
46	1	620	NOT INCLUDED- SHOWN FOR CLARITY

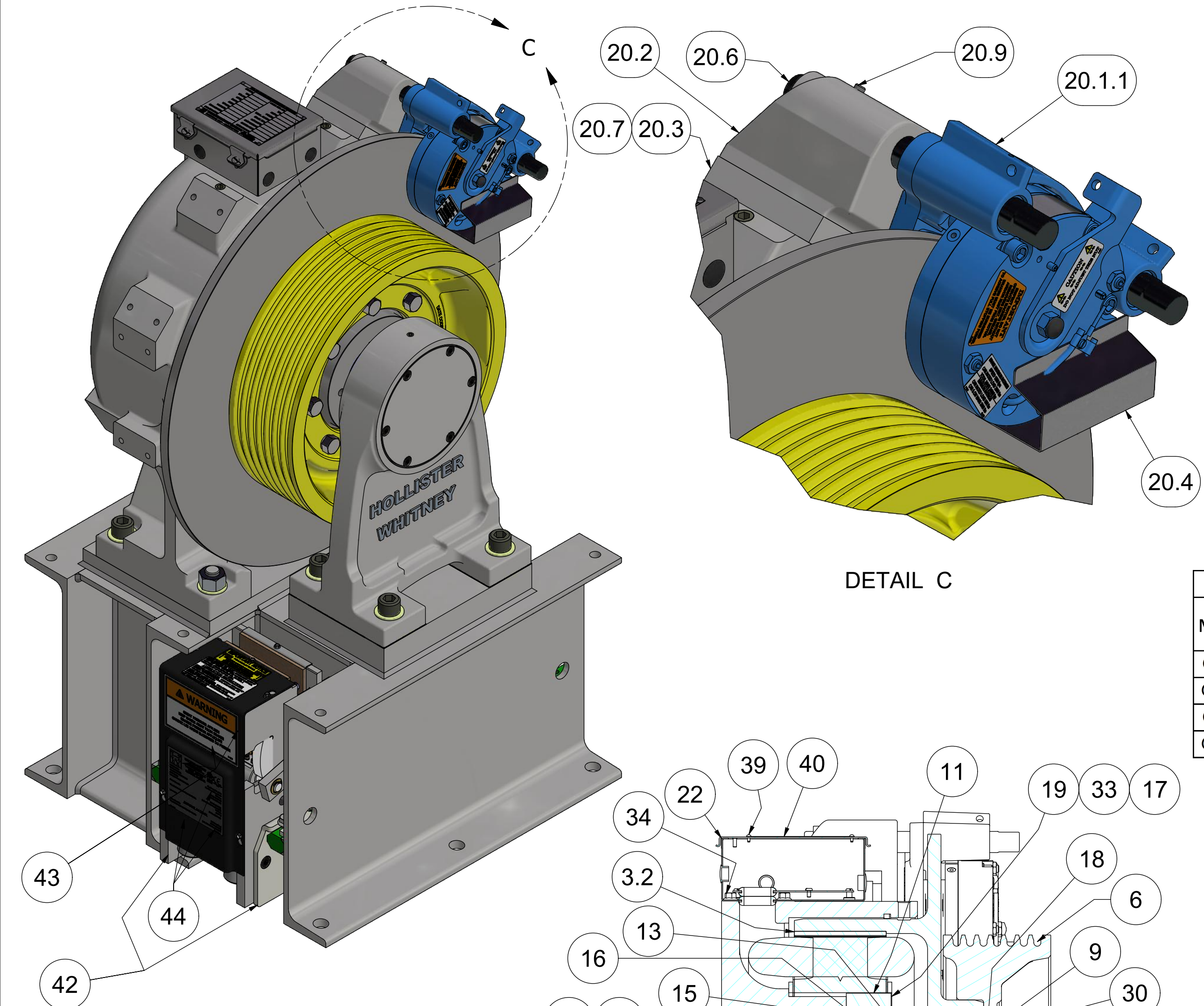
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HOLLISTER-WHITNEY ELEVATOR CO. LLC			
TITLE GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @ 40% CB 1:1 ROPED			
DRAWN BY LTL		SCALE 1/5	
SHEET SIZE D		DATE 8/13/2014	
THIRD ANGLE PROJECTION		SEE PARTS LIST	
REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED		GL131-620 SHEET 1 OF 2	

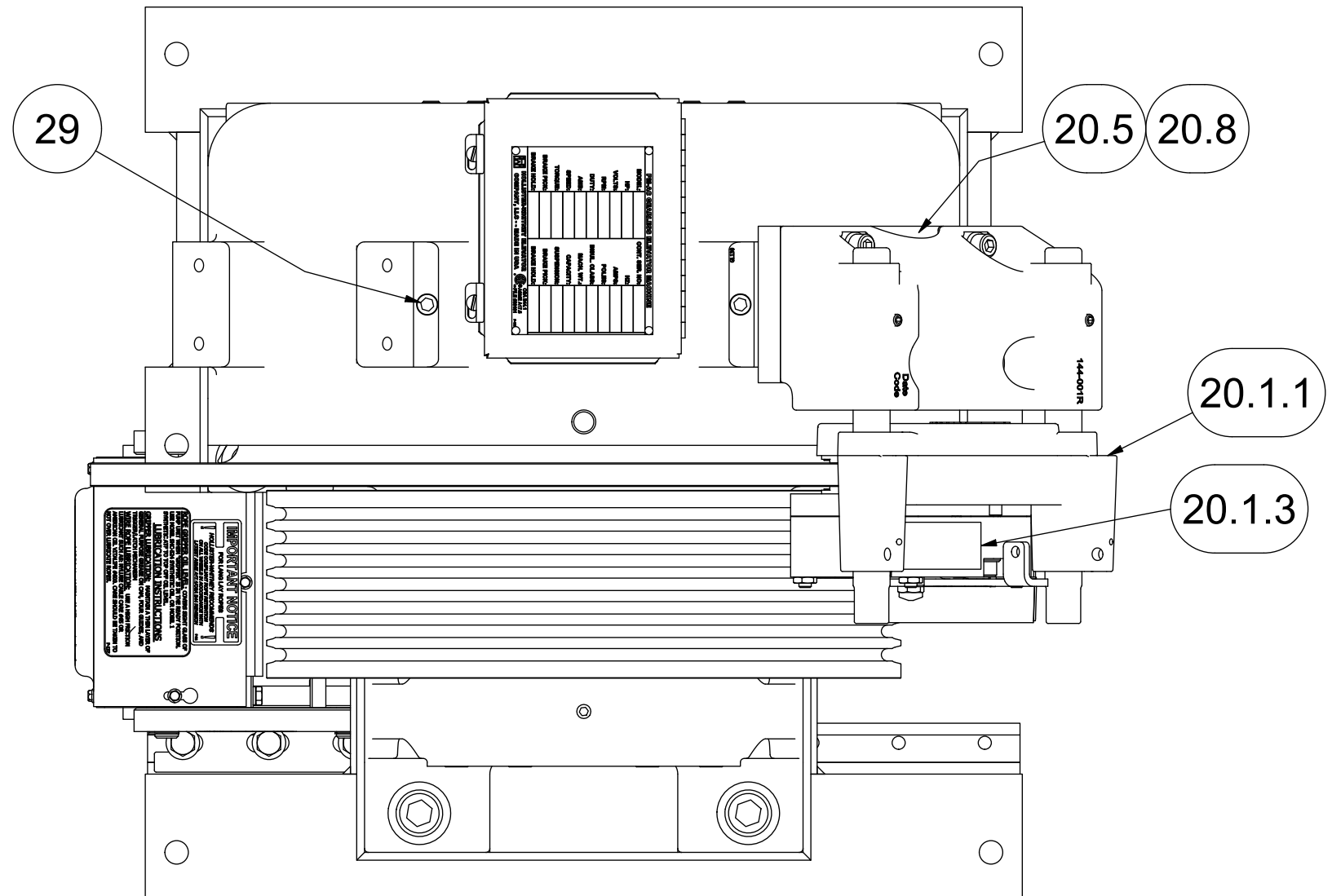


SEE OTHER
SIDE FOR
REVISIONS

				WEIGHT: 2561.0 lbmass									
				HOLLISTER-WHITNEY ELEVATOR CO. LLC									
				TITLE GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @ 40% CB 1:1 ROPED									
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.				THIRD ANGLE PROJECTION		DRAWN BY LTL		SCALE 1 / 5		MATERIAL SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						SHEET SIZE D		DATE 8/13/2014		GL131-620 SHEET 2 OF 2			

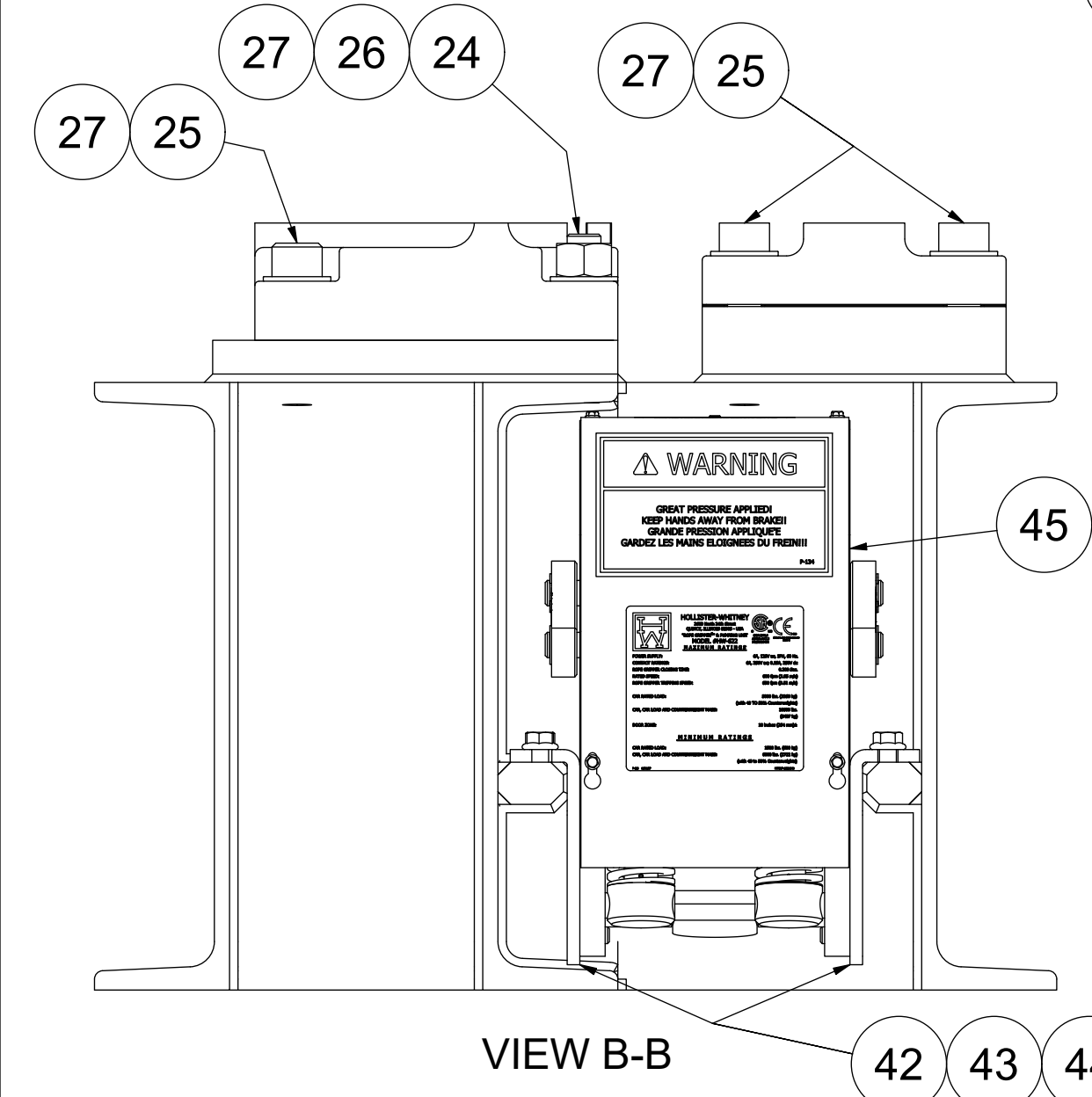


DETAIL C



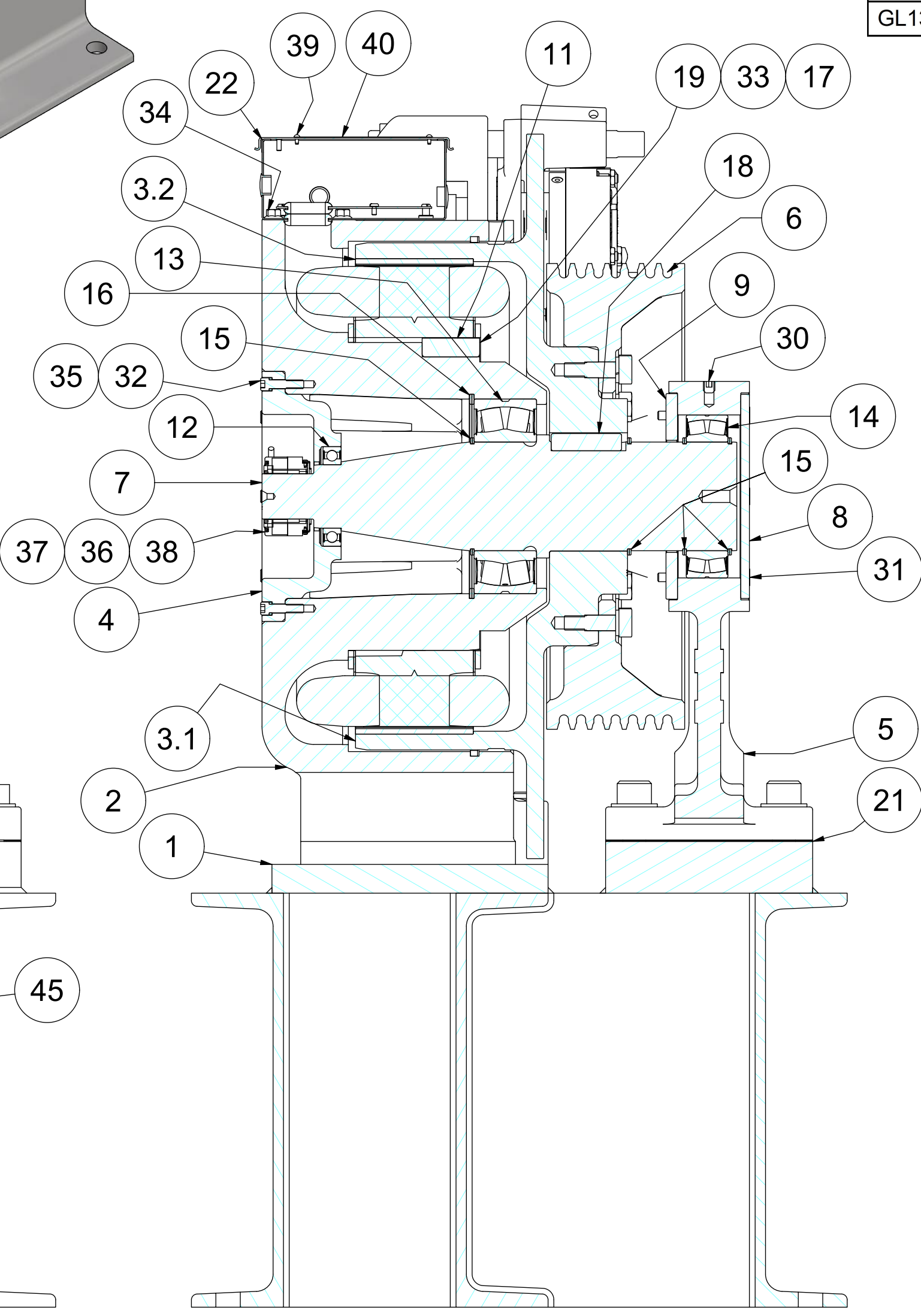
1:1 APPLICATIONS USING 2:1 WINDINGS						
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)
GL131-20L	GL130-170-200	90.6	130	170	101.9	533
GL131-20H	GL130-360-200	90.7	130	360	101.9	533
GL131-35L	GL130-170-350	93.1	130	170	178.3	933
GL131-35H	GL130-360-350	93	130	360	178.3	933

MACHINE REQUIRES ONE (1) PRIMARY SERVICE BRAKE AND ONE ROPE GRIPPER FOR EMERGENCY SERVICE. 622 ROPE GRIPPER (NOT INCLUDED) SHOWN ON LEFT SIDE, RIGHT SIDE SIMILAR. ROPE GRIPPER MOUNTING ANGLES AND BOLT-DOWN HARDWARE INCLUDED.

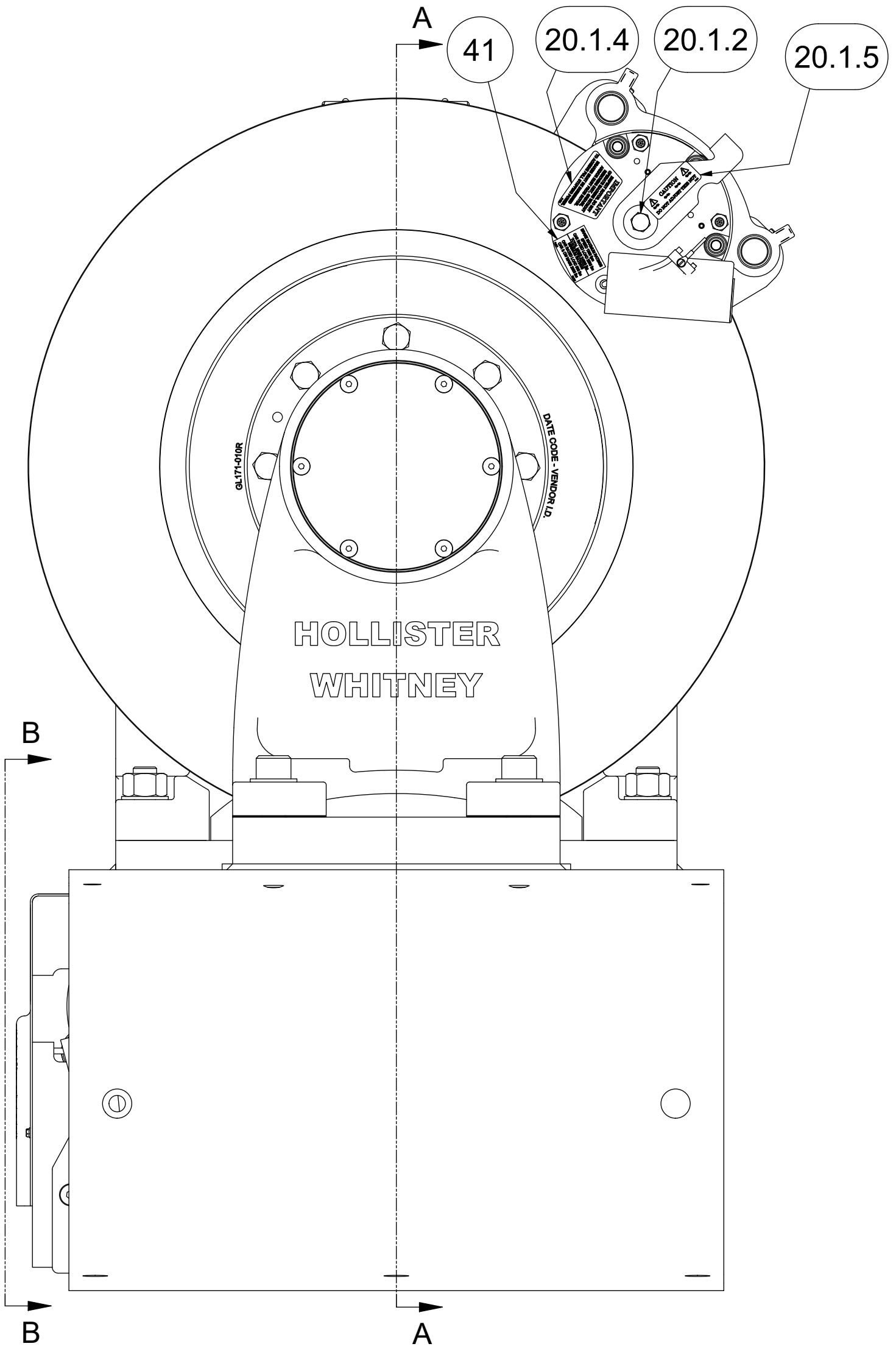


VIEW B-B

42 43 44




SECTION A-A

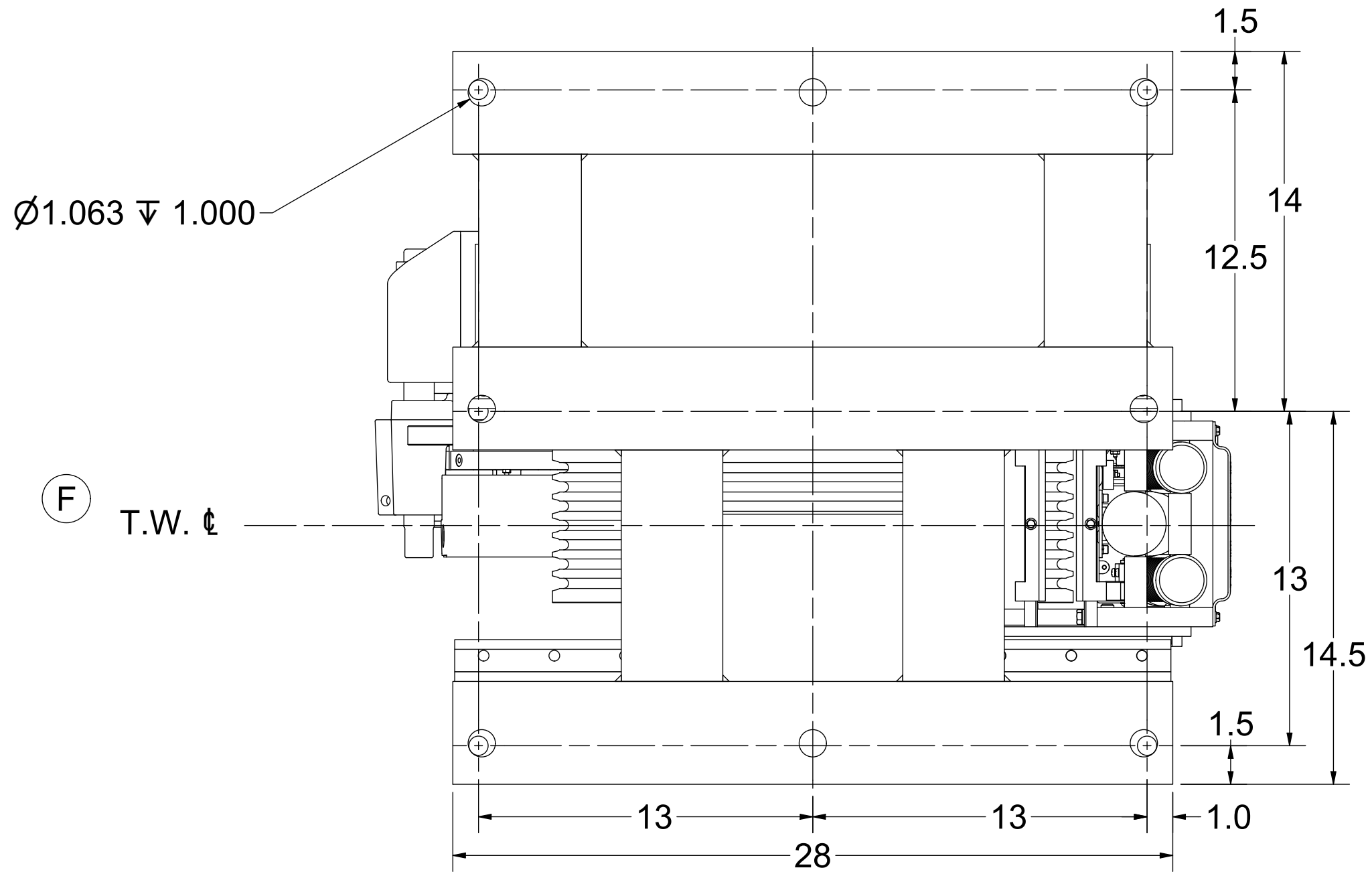
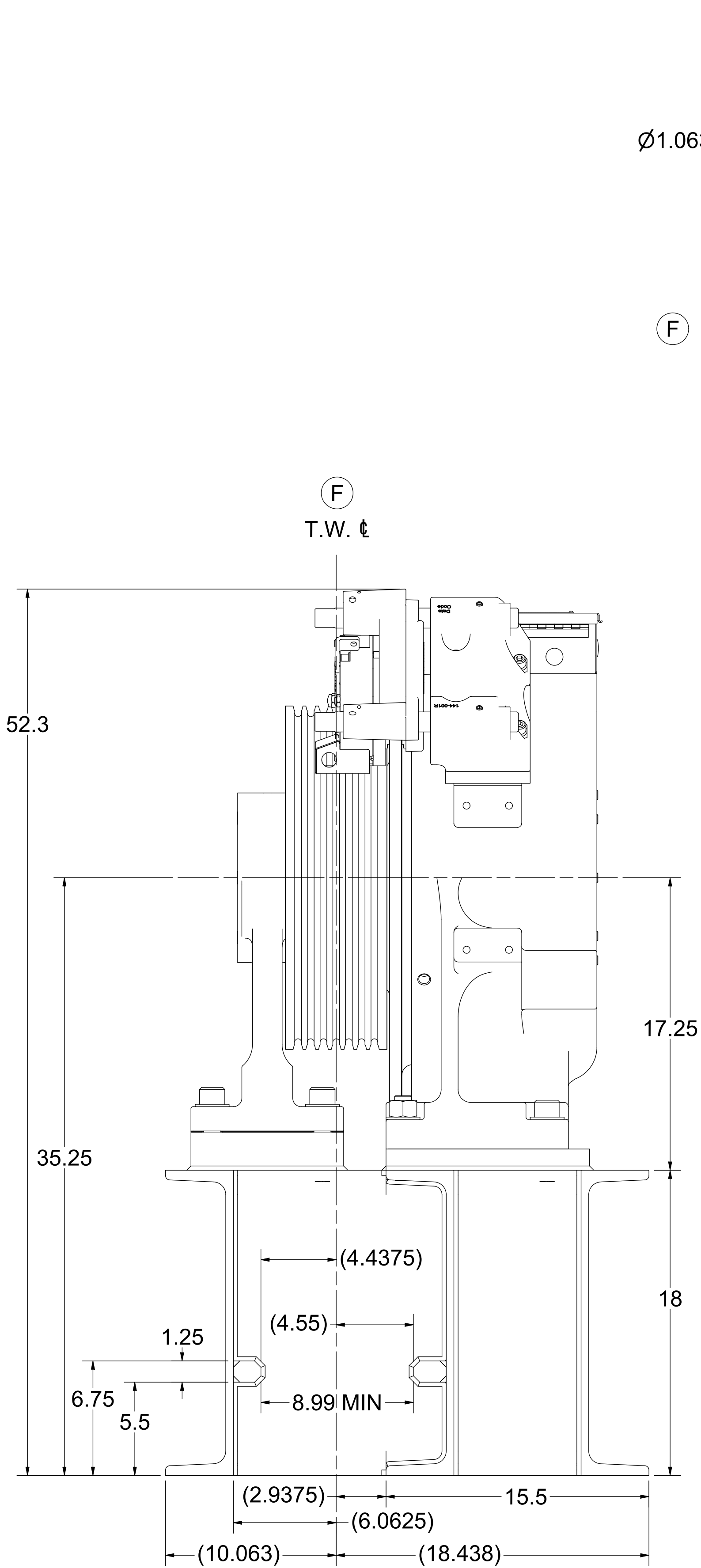
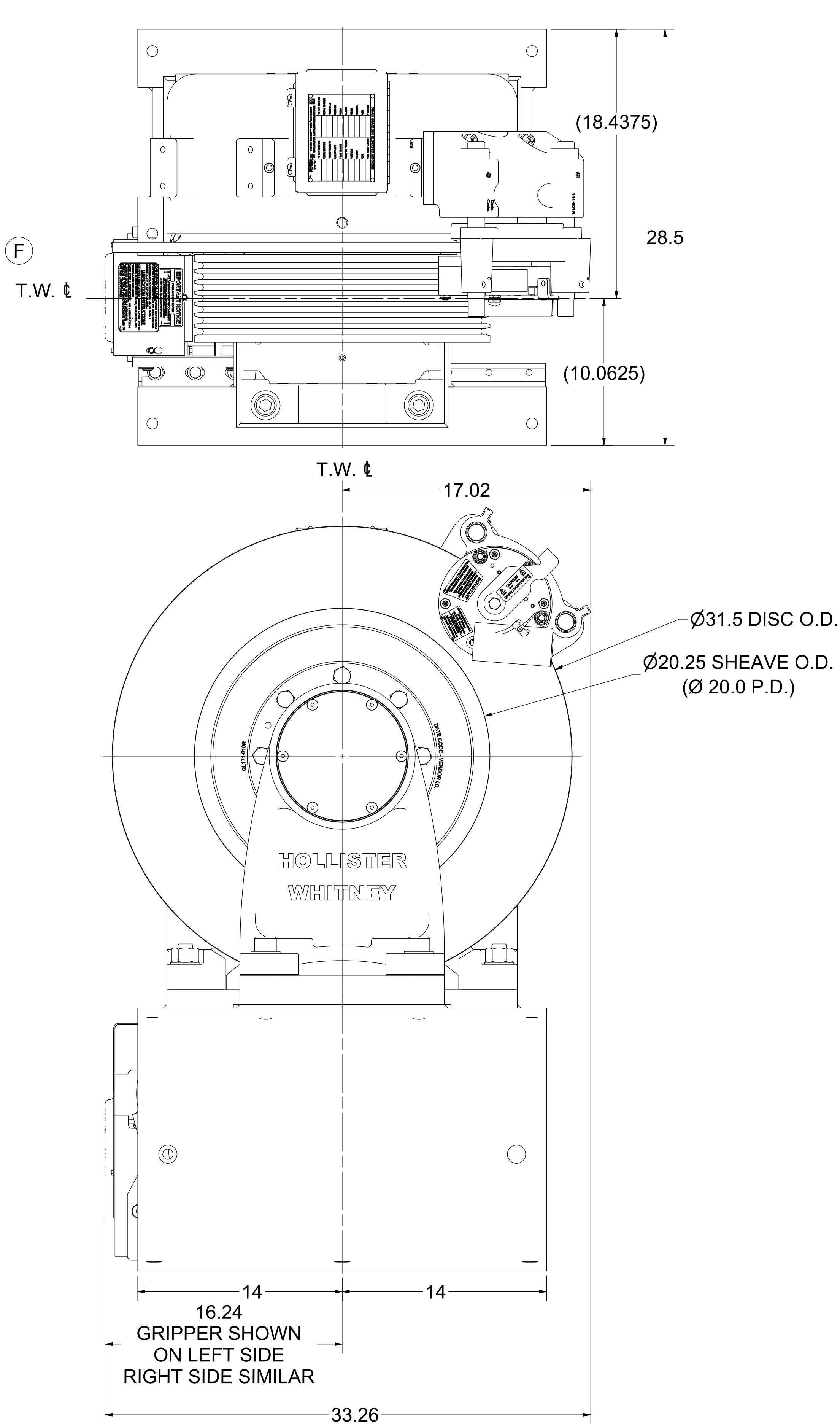


F

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-622	BASE FABRICATION - FINISHED
2	1	GL130-001	BASE HOUSING, MOTOR #GL130
3	1	GL131-002	ROTOR ASSEMBLY, MOTOR #GL131
3.1	1	GL131-004	ROTOR
3.2	28	GL130-099	PERMANENT MAGNET - MOTOR #GL130
4	1	GL130A-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" TRACTION SHEAVE - 7x 1/2" ROPES MAX
7	1	GL131-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL100-095	KEY - ROTOR TO SHAFT
19	1	GL130-100	WINDING ASSEMBLY - 28 POLE
20	1	GL130-144	DISC BRAKE (MAYR #8) - MRL
20.1	1	GL130-144-115S	MAYR #8 BRAKE WITH STANDARD STICKERS
20.1.1	1	GL130-144-115	MAYR #8; RSD8/894.510.03S 52V #8275066
20.1.2	1	142-050	BLACK VINYL CAP
20.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
20.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
20.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
20.2	1	144-001	BRAKE BASE
20.3	1	144-002	ADAPTOR PLATE - BRAKE BASE
20.4	1	144-003	COVER - MAYR #8 ELECTRICAL
20.5	2	144-012	BRAKE ROD
20.6	4	1/2 - 13 UNC x 1.75"	HEX HEAD CAP SCREW
20.7	4	1/2-13 UNC x 1.5	FLAT HEAD CAP SCREW
20.8	4	1/2" WASHER	STANDARD WASHER
20.9	2	3/8-16 UNC x 0.625	FLAT POINT SET SCREW
21	AS NEC.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM STOCK - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
22	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
23	1	GL100-165	FELT DUST SEAL
24	2	1 - 8 UNC x 5	ALL THREAD - GRADE 5
25	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
26	2	1 - 8 UNC NUT	HEAVY HEX NUT
27	8	1" WASHER	SAE WASHER
28	8	M18 LOCK WASHER	HELICAL SPRING LOCK WASHER - BODY BOLT
29	2	3/4-10 UNCx0.75	HALF DOG SET SCREW
30	1	1/2-13 UNCx0.5	HALF DOG SET SCREW
31	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
32	8	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
33	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
34	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT
35	8	0.375 WASHER	CAP SCREW LOCK WASHER
36	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
37	4	#8 WASHER	INT. TOOTH LOCKWASHER
38	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
39	4	#6 U x 0.3125	DRIVE SCREW
40	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
41	1	P-211	TAG, GL131 - BRAKE RATINGS FOR MAYR #8
42	2	622-041-GL	MOUNTING ANGLE, GL171-622 BASE
43	6	1/2-13 UNC x 1.25	FLANGE HEAD HEX BOLT
44	6	1/2 - 13 UNC x 1.25	FLAT HEAD CAP SCREW
45	1	622	NOT INCLUDED, SHOWN FOR CLARITY ONLY

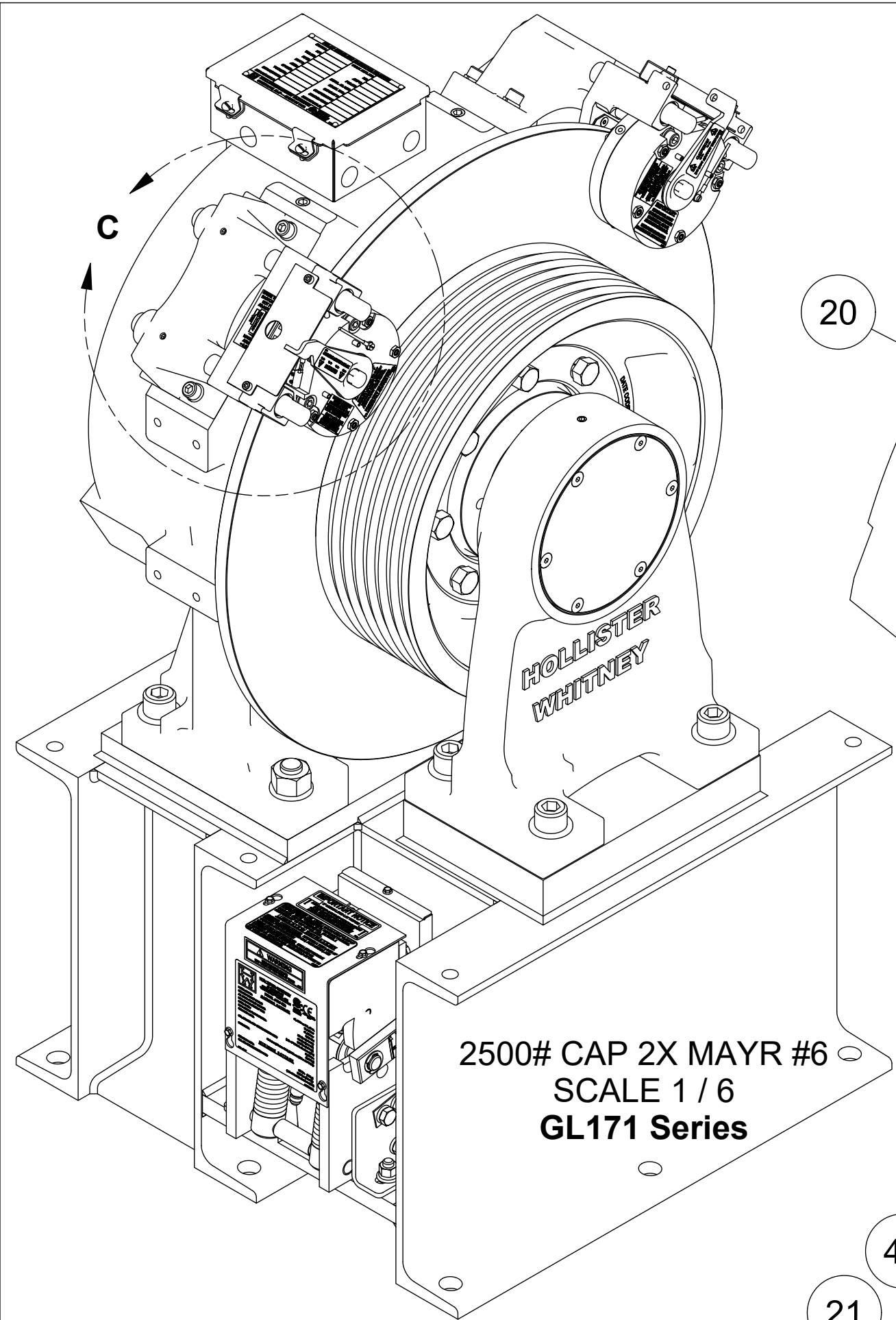
WEIGHT: 2492.7 lbmass

				HOLLISTER-WHITNEY ELEVATOR CO. LLC							
F		TW GL171-010 WAS GL100-010, UPDATE C/L DIM. FOR WIDE TW, PUR #1800		LTL 7/21/23		TITLE GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @ 40% CB 1:1 ROPED					
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.				THIRD ANGLE PROJECTION							
				DRAWN BY LTL		SCALE 1/5		MATERIAL SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
				SHEET SIZE D		DATE 8/13/2014		GL131-622 SHEET 1 OF 2			
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.											

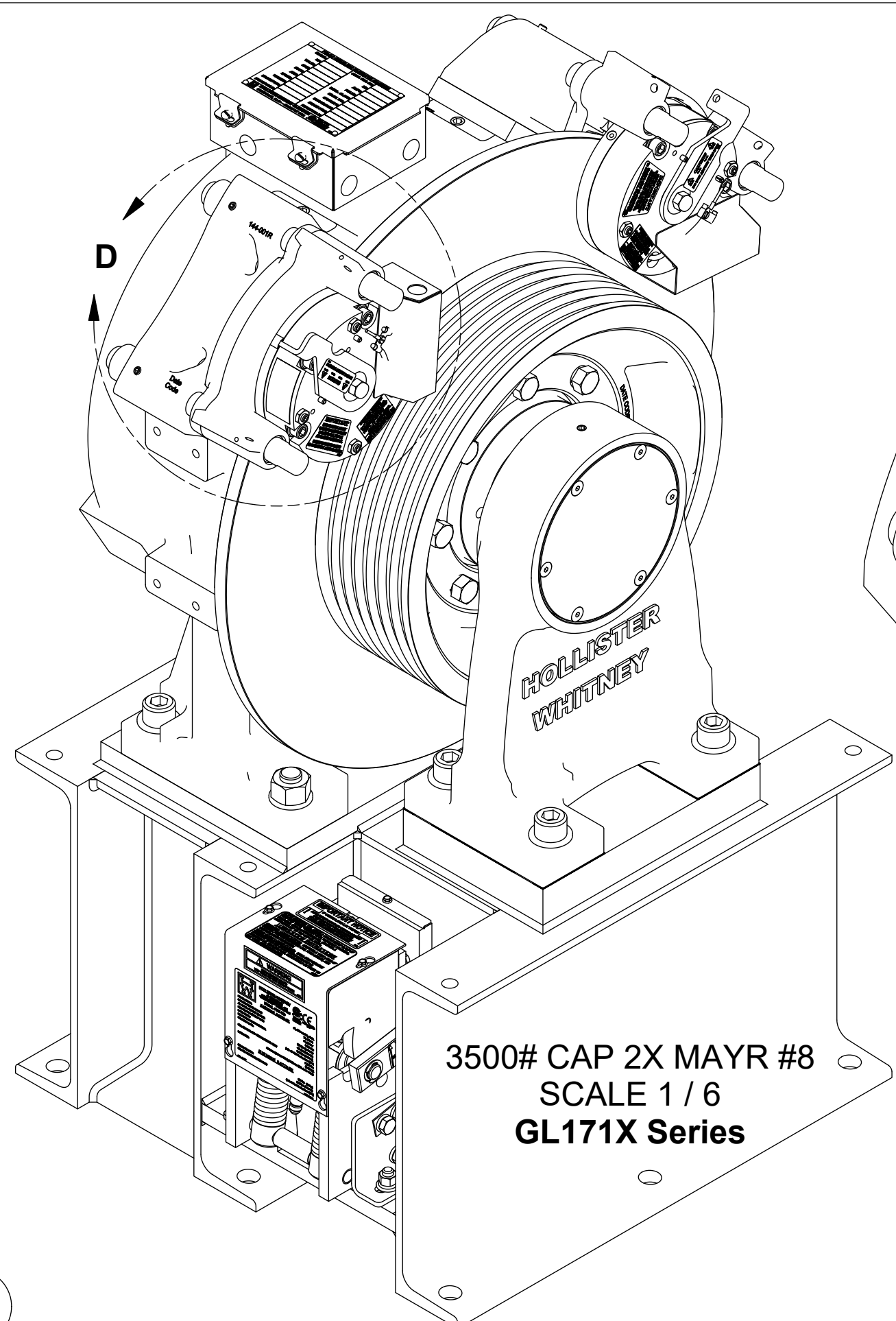


SEE OTHER
SIDE FOR
REVISIONS

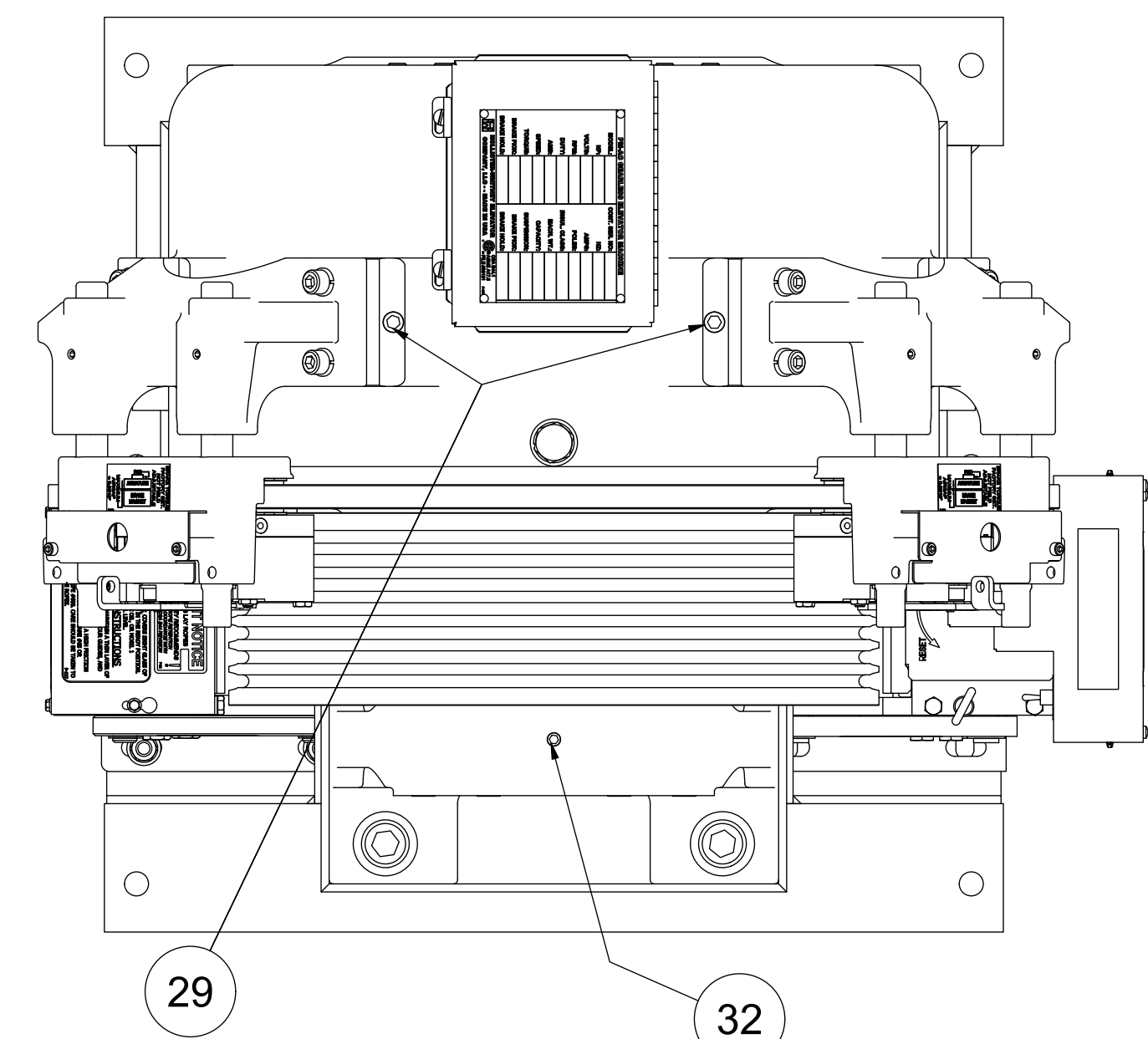
				WEIGHT: 2492.7 lbmass			
				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
				TITLE GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @ 40% CB 1:1 ROPED			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.		THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1/5	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
				SHEET SIZE D	DATE 8/13/2014	GL131-622 SHEET 2 OF 2	



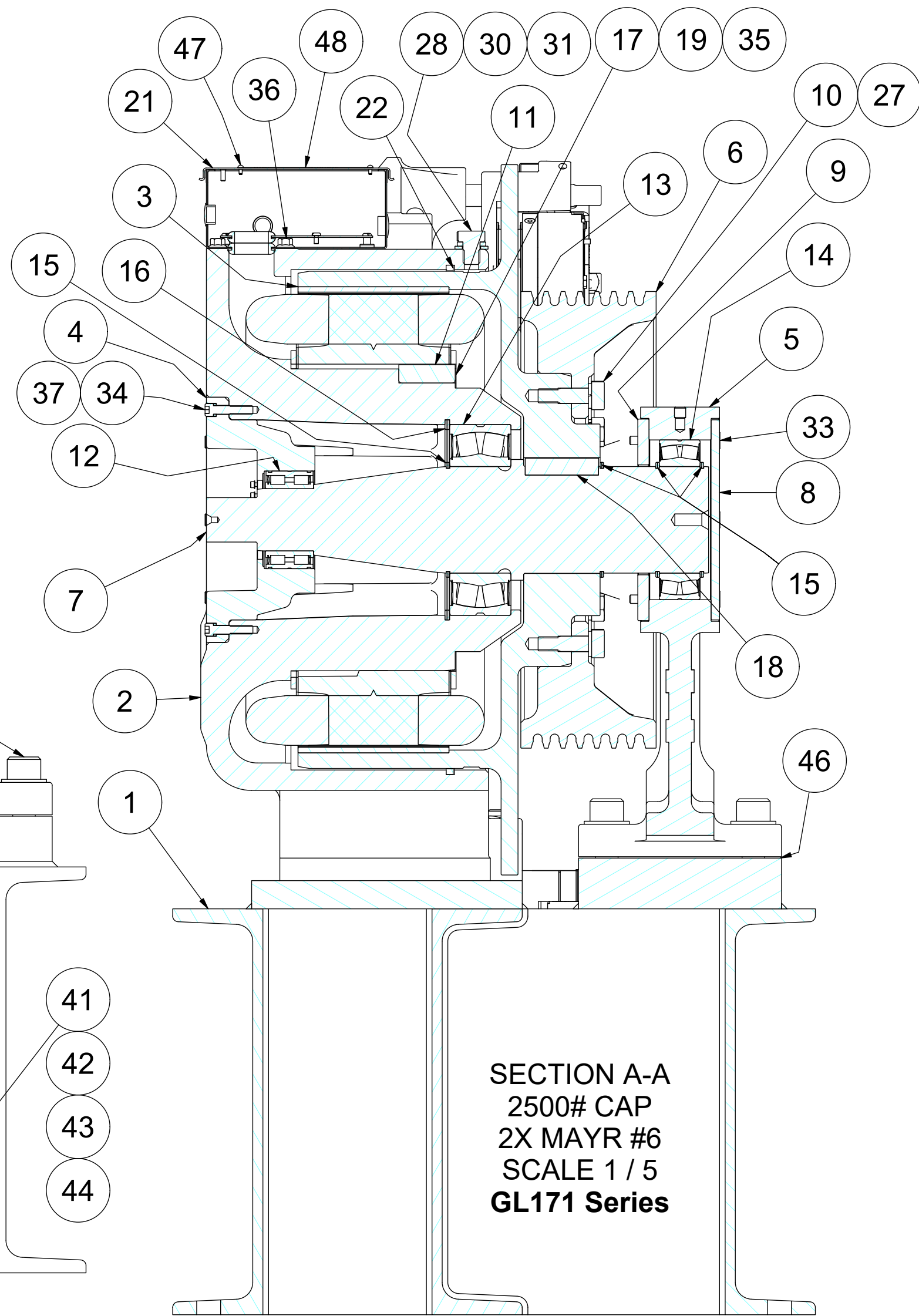
DETAIL C
2500# CAP
2X MAYR #6
SCALE 1 / 3



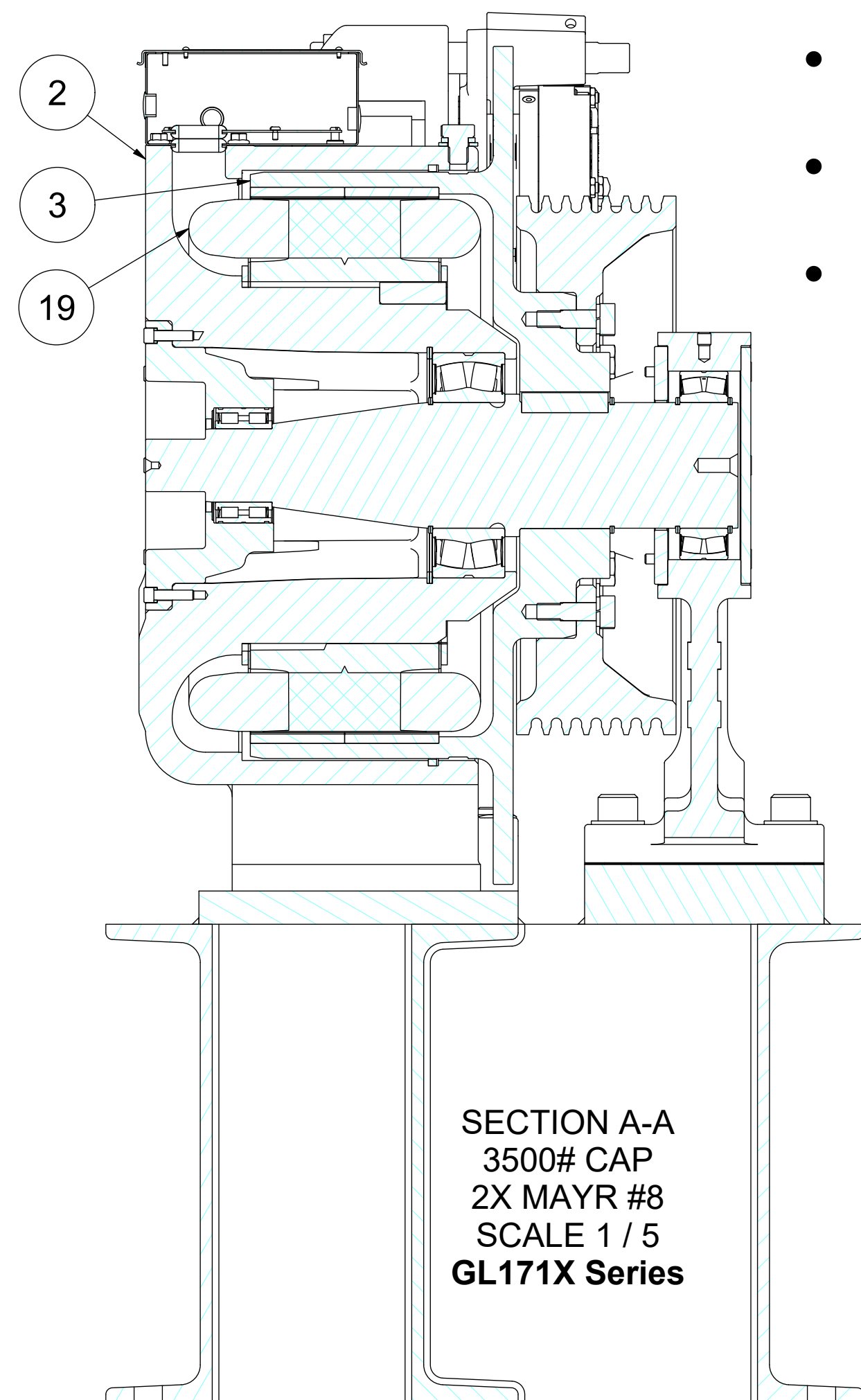
DETAIL D
3500# CAP
2X MAYR #8
SCALE 1 / 3



MACHINE MAY REQUIRE TWO (2) PRIMARY SERVICE BRAKES DEPENDING ON DUTY (SEE DUTY CHART FOLLOWING PAGES) AND ONE ROPE GRIPPER FOR EMERGENCY SERVICE. ROPE GRIPPER (NOT INCLUDED) SHOWN. LEFT SIDE AND RIGHT SIDE SIMILAR. BOLT-DOWN HARDWARE FOR GRIPPER INCLUDED.

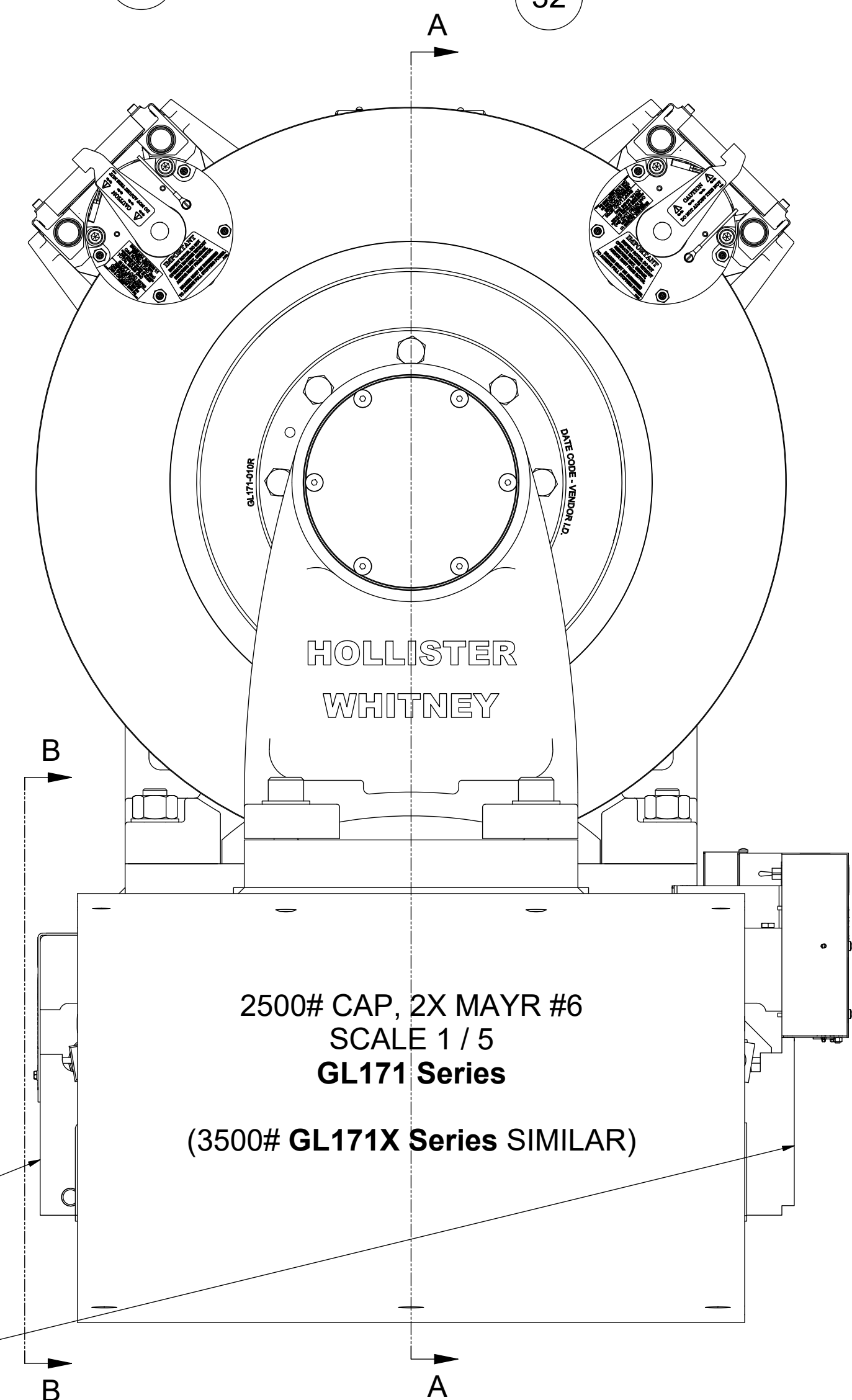


SECTION A-A
2500# CAP
2X MAYR #6
SCALE 1 / 5
GL171 Series



SECTION A-A
3500# CAP
2X MAYR #8
SCALE 1 / 5
GL171X Series

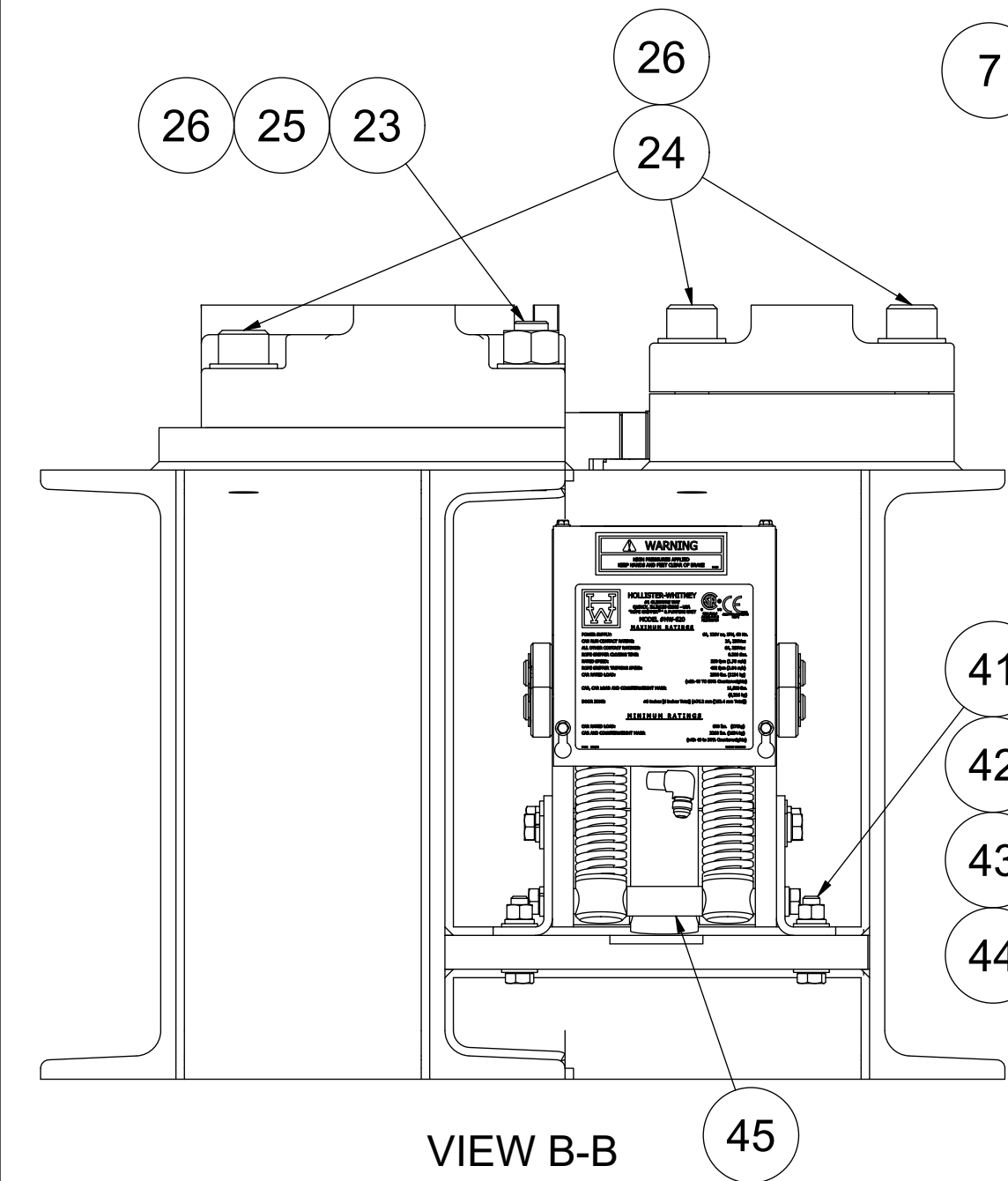
- SEE PAGE 2 FOR PARTS LIST AND RATINGS
- SEE PAGE 3 FOR OVERALL DIMENSIONS
- SEE PAGE 4 FOR APPROXIMATE WEIGHT OF MACHINE, LESS GRIPPER




2500# CAP, 2X MAYR #6
SCALE 1 / 5
GL171 Series
(3500# GL171X Series SIMILAR)

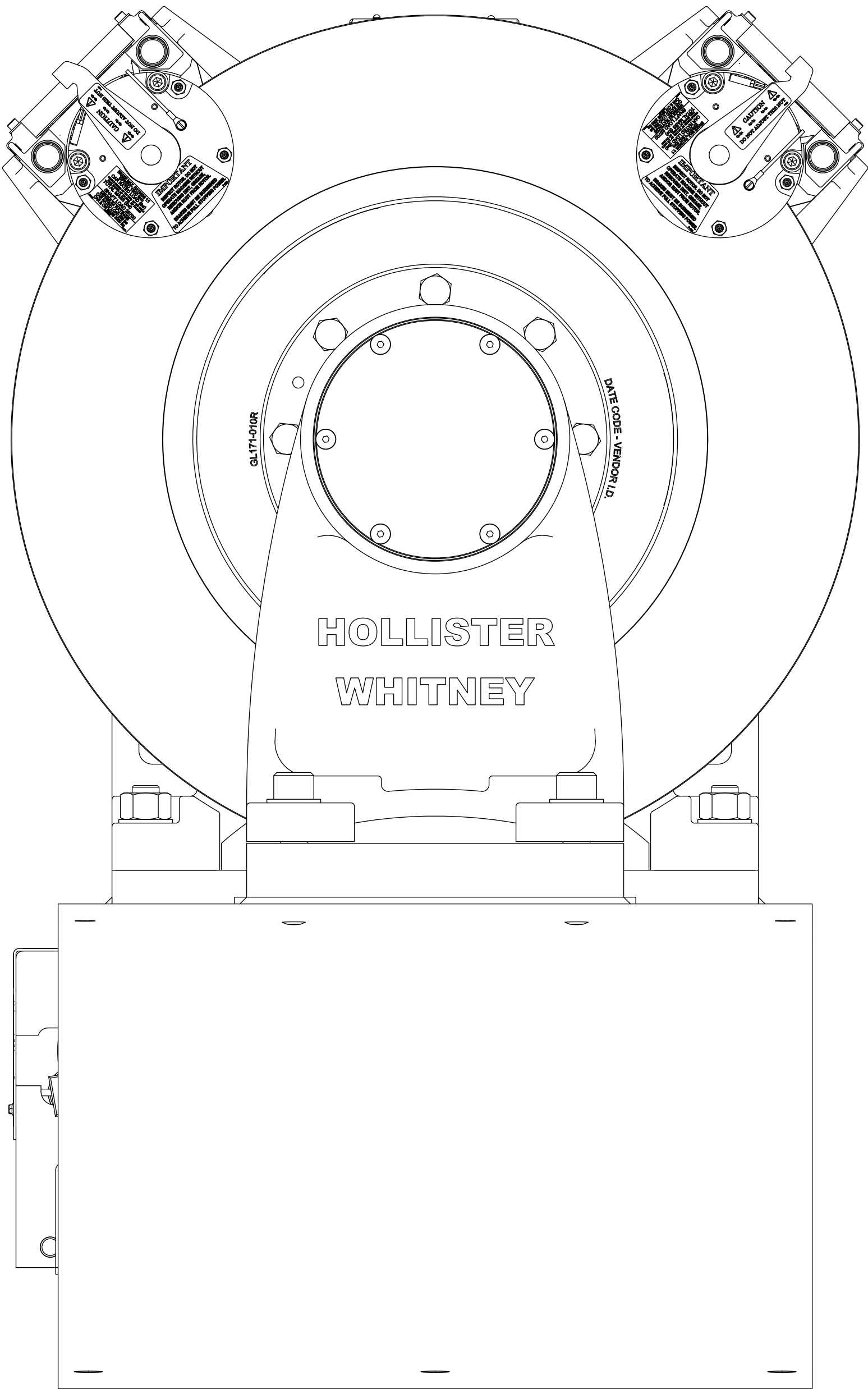
620 ROPE GRIPPER
(NOT INCLUDED)

620L ROPE GRIPPER
(NOT INCLUDED)



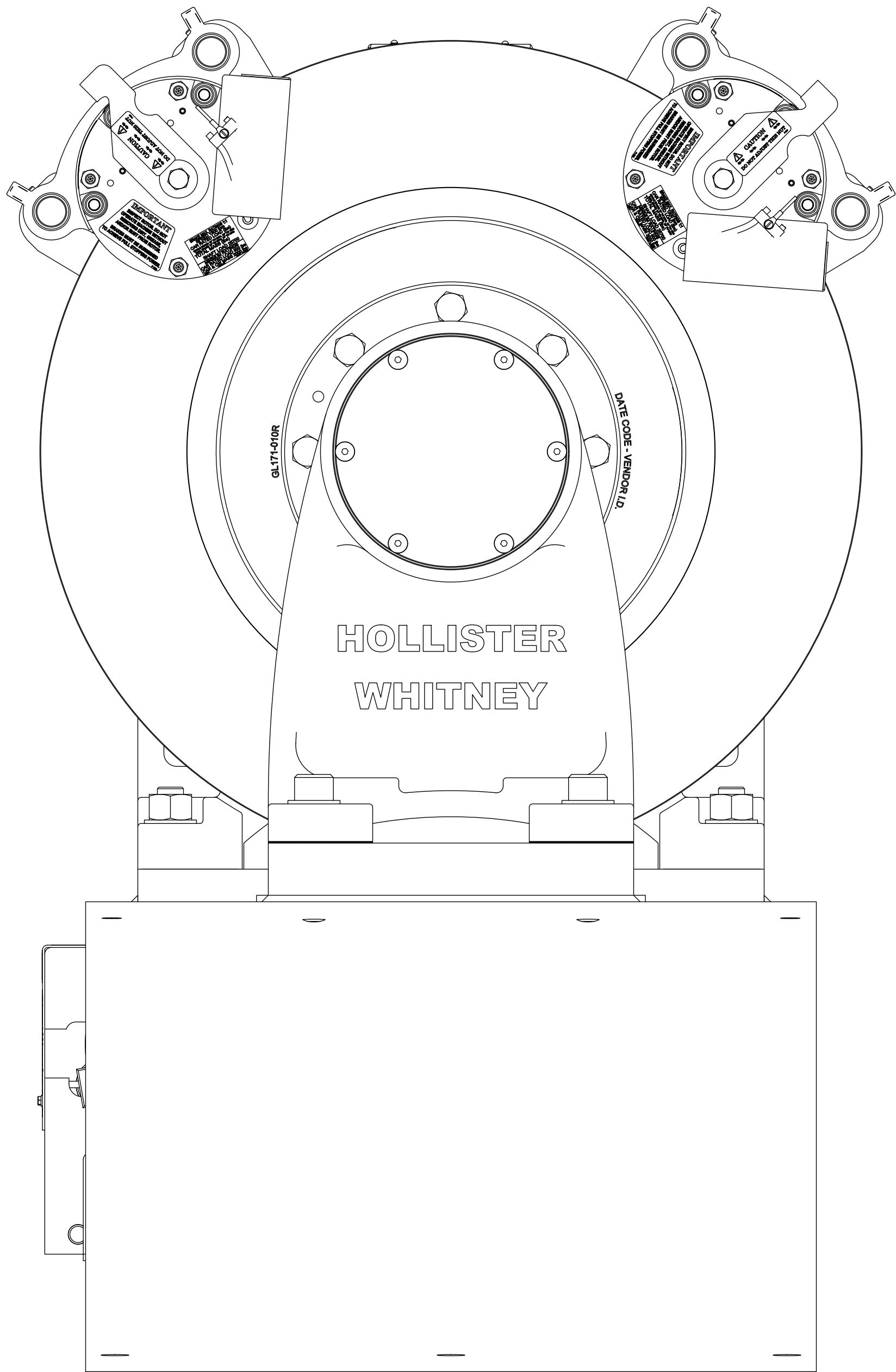
VIEW B-B

										WEIGHT: 2836.6 lbmass					
		K		ADD 3500# CAPACITY MACHINE w/BRAKES, ROTOR, HOUSING, WIDE 20" WHEEL, 620L OPTION, REDRAW, PUR #1712		LTL 12/8/22		HOLLISTER-WHITNEY ELEVATOR CO. LLC							
L		ADD MACHINE WEIGHTS PAGE 4 OF 4, PUR #1800		LTL 8/15/23				TITLE		GEARLESS MACHINE W/620					
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC. MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOID ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>						THIRD ANGLE PROJECTION		DRAWN BY LTL		SCALE 1 / 5		MATERIAL SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
								SHEET SIZE D		DATE 11/1/2012		GL171-020		SHEET 1 OF 2	



2500# CAPACITY, 2X MAYR #
SCALE 1 / 4
GL171 Series

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-620	BASE FABRICATION - FINISHED
2	1	GL170-001	BASE HOUSING, MOTOR #GL170
		GL180-001	BASE HOUSING, MOTOR #GL181
3	1	GL171-002	ROTOR ASSEMBLY, MOTOR #GL171, to 2500# CAP 50% CB
		GL181-002	ROTOR ASSEMBLY, MOTOR #GL181, to 3500# CAP 50% CB
4	1	GL130-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL171-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL100-089	Bearing, Sealed Double Row Cylindrical Roller
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL171-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL181-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
		GL171-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL, SEE BELOW
20	1	GL130-144	DISC BRAKE (MAYR #8) - THRU 1875# CAP 50% CB
	2	GL100-146	DISC BRAKE (MAYR #6) - 1876# TO 2500# CAP 50% CB
	2	GL130-144	DISC BRAKE (MAYR #8) - 2501# TO 3500# CAP 50% CB
21	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
22	1	GL100-165	FELT DUST SEAL
23	2	1 - 8 UNC x 5	ALL THREAD - GRADE 5
24	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
25	2	1 - 8 UNC NUT	HEAVY HEX NUT
26	8	1" WASHER	SAE WASHER
27	8	M18 LOCK WASHER	HELICAL SPRING LOCK WASHER - BODY BOLT
28	3	3/4 - 10 UNC x 1.0	HEX HEAD CAP SCREW
29	2	3/4-10 UNC x 0.75	Hexagon Socket Set Screw - Flat Point
30	3	3/4 WASHER	SAE WASHER
31	3	3/4" WASHER	STANDARD LOCK WASHER
32	1	1/2-13 UNC x 0.5	Hexagon Socket Set Screw - Flat Point
33	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
34	8	3/8 - 16 UNC - 1 1/2	Hexagon Socket Head Cap Screw
35	3	3/8 - 16 UNC - 1	Hexagon Socket Head Cap Screw
36	4	3/8-16 UNC x 0.625	Hex Flange Screw - Regular Thread - Inch
37	8	0.375 WASHER	CAP SCREW LOCK WASHER
38	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
39	4	#8 WASHER	INT. TOOTH LOCKWASHER
40	1	ENC-113	#81800-61 2048PPR 50mm HEIDENHAIN ENCODER
41	4	1/2-13 UNC - 2.25	Hex Cap Screw
42	4	1/2 - 13 UNC	Hex Nuts (Inch Series) Hex Nut
43	4	1/2 WASHER	Regular Helical Spring Lock Washers(Inch Series)
44	4	1/2 WASHER	Plain Washer (Inch)Type A and B
45	1	620 OR 620L	NOT INCLUDED- 620 SHOWN FOR CLARITY
46	AS NEC.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
47	4	#6 U x 0.3125	DRIVE SCREW
48	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
49	1 or 2	P-242	TAG, GL171 OR GL181 - BRAKE RATINGS FOR MAYR #8
	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6

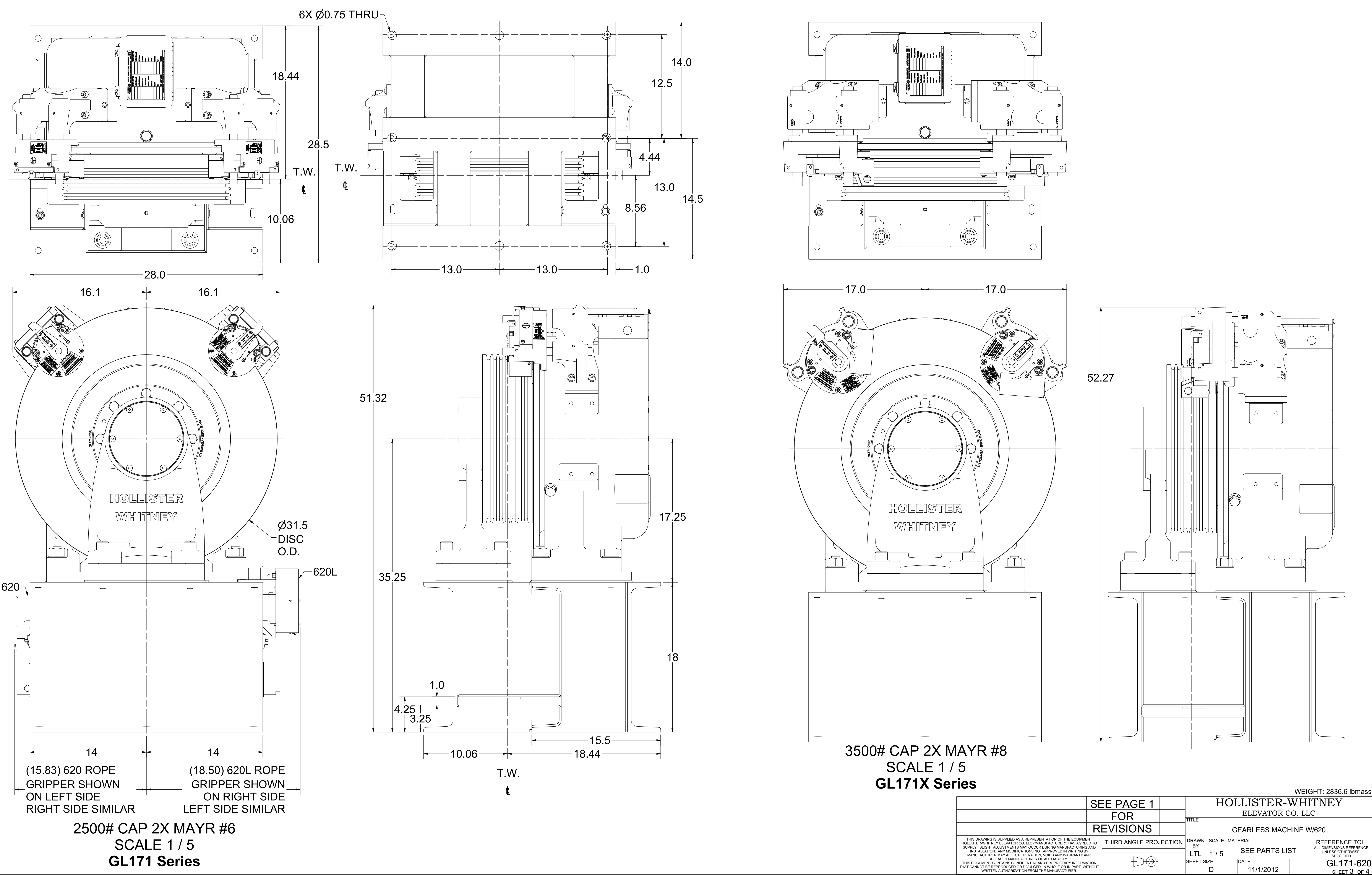


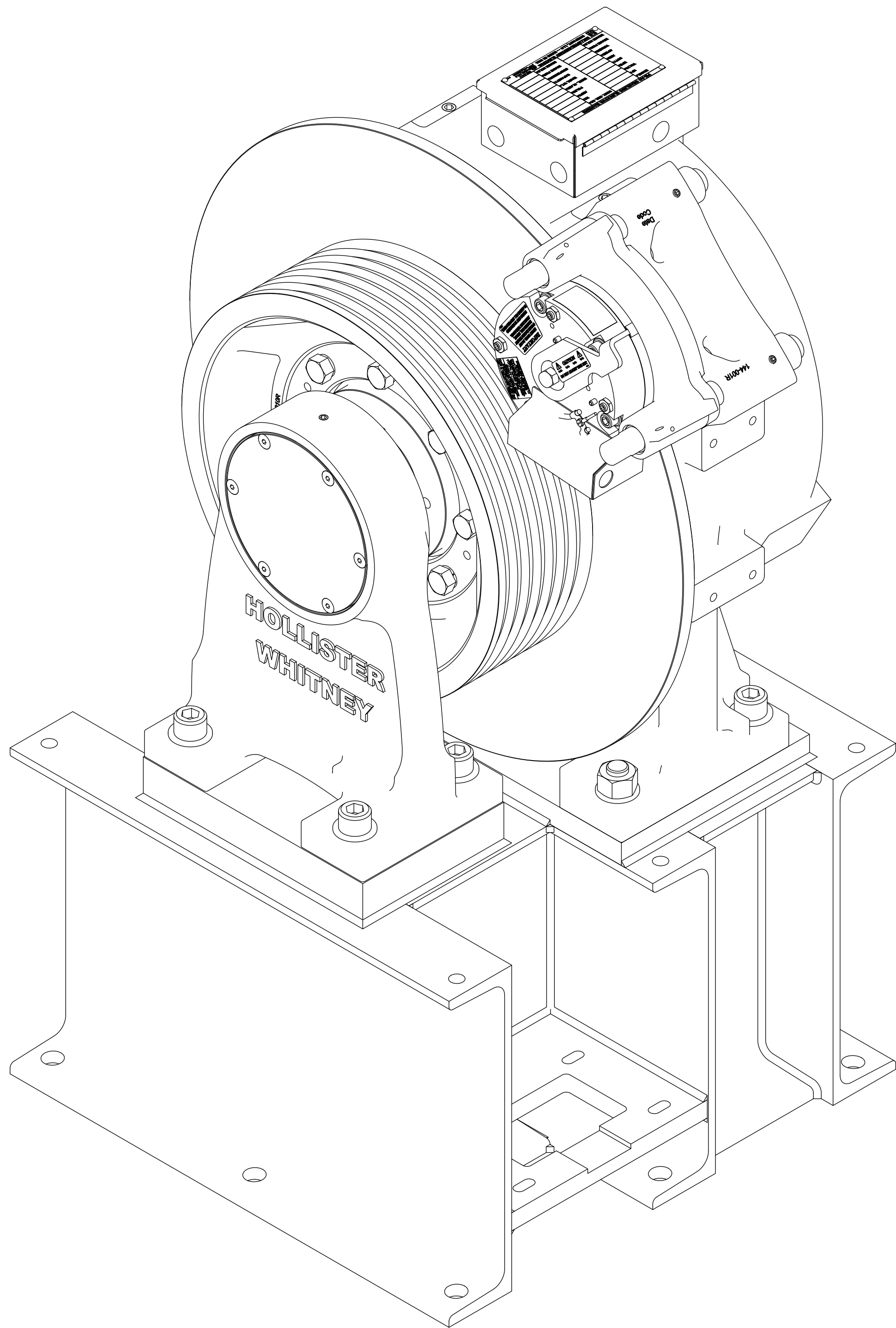
3500# CAPACITY, 2X MAYR #8
SCALE 1 / 4
GL171X Series

	TRACTION WHEEL	ROPING	COUNTER BALANCE %					BRAKES REQUIRED
			50	47.5	45	42.5	40	
			CAPACITY (LBS)					
GL171-70	20"	1:1	1875	1775	1700	1625	1550	1X MAYR #8
		2:1	3750	3550	3400	3250	3125	
GL171-40 GL171-20	20"	1:1	2500	2400	2325	2250	2200	2X MAYR #6
		2:1	5000	4825	4675	4525	4400	
GL171X-35	20"	1:1	3500	3325	3175	3025	2900	2X MAYR #8
		2:1	7000	6650	6350	6050	5800	

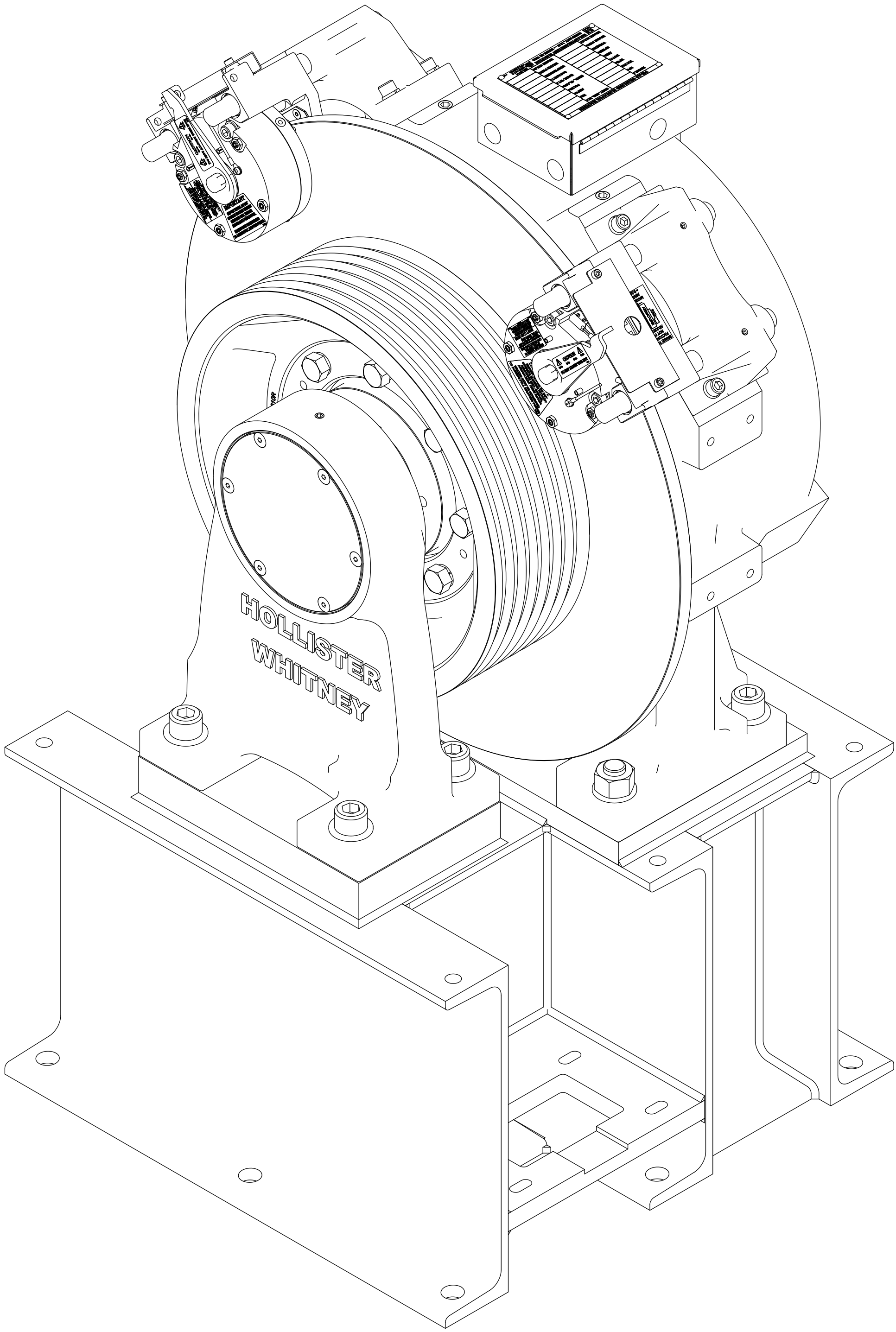
THESE APPLICATIONS USING WINDINGS DESIGNED FOR 1:1											
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	ROPED 1:1			ROPED 2:1		
						CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL171-20L	GL171-170-200	87	170	170	38.2	200	158	150	100	79	75
GL171-20H	GL171-360-200	87	170	360	38.2	200	158	150	100	79	75
GL171X-35H	GL181-380-350	87	170	380	66.8	350	276	263	175	138	131
GL171-40L	GL171-170-400	87	170	170	76.4	400	315	300	200	158	150
THESE APPLICATIONS USING WINDINGS DESIGNED FOR 2:1											
GL171-70L	GL170-170-350	93.9	170	170	178.3	ROPED 1:1			ROPED 2:1		
						933	735	700	467	368	350
GL171-70H	GL170-360-350	94	170	360	178.3	933	735	700	467	368	350

				SEE PAGE 1 FOR REVISIONS				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
								GEARLESS MACHINE W/620			
								THIRD ANGLE PROJECTION			
								DRAWN BY LTL 1 / 4			
								SCALE MATERIAL SEE PARTS LIST			
								DATE 11/1/2012			
								REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED			
								GL171-620			
								SHEET 2 OF 4			

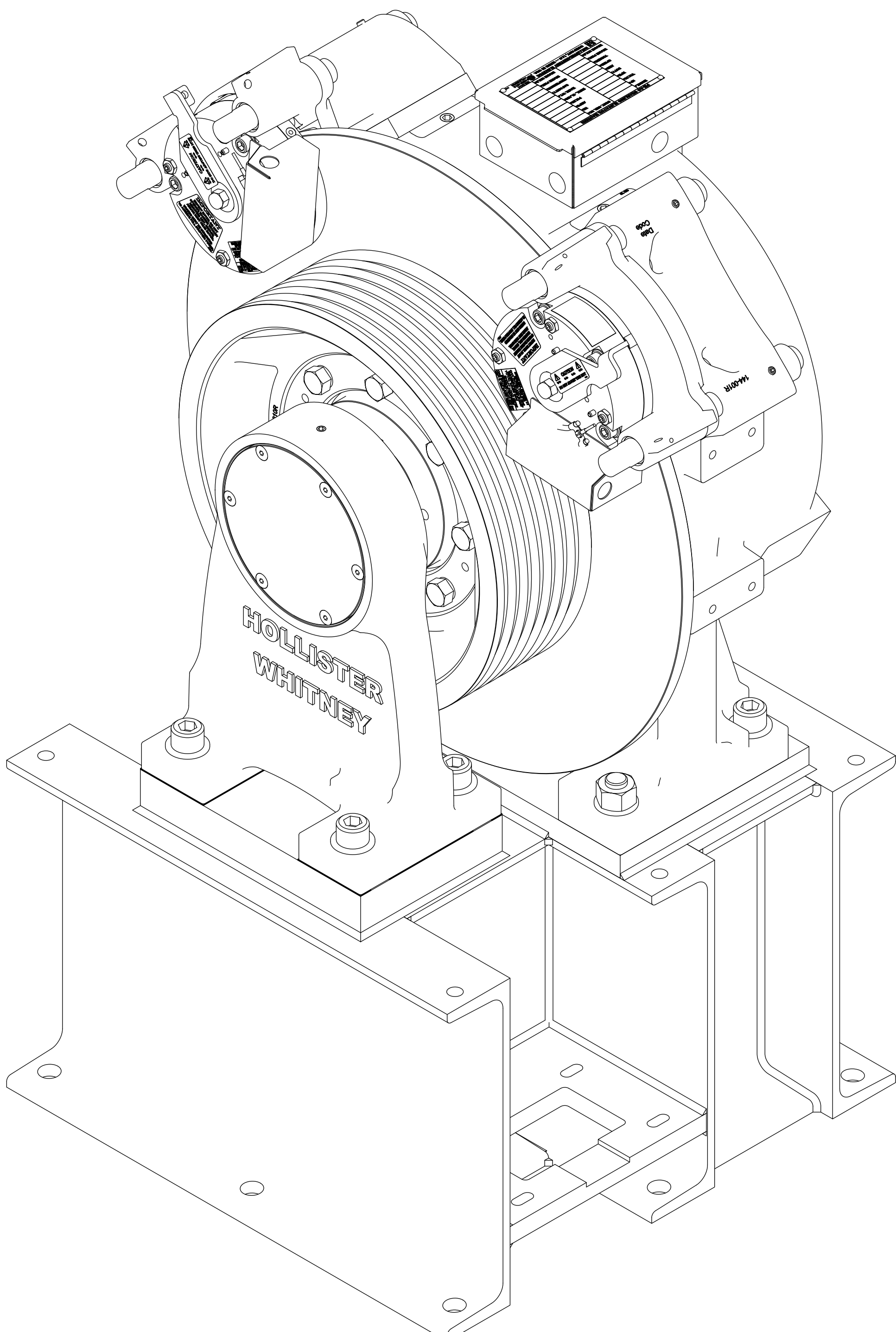





GL171-620, Less Gripper
1 X #8 Brake
2678 lbmass
SCALE 1 / 4

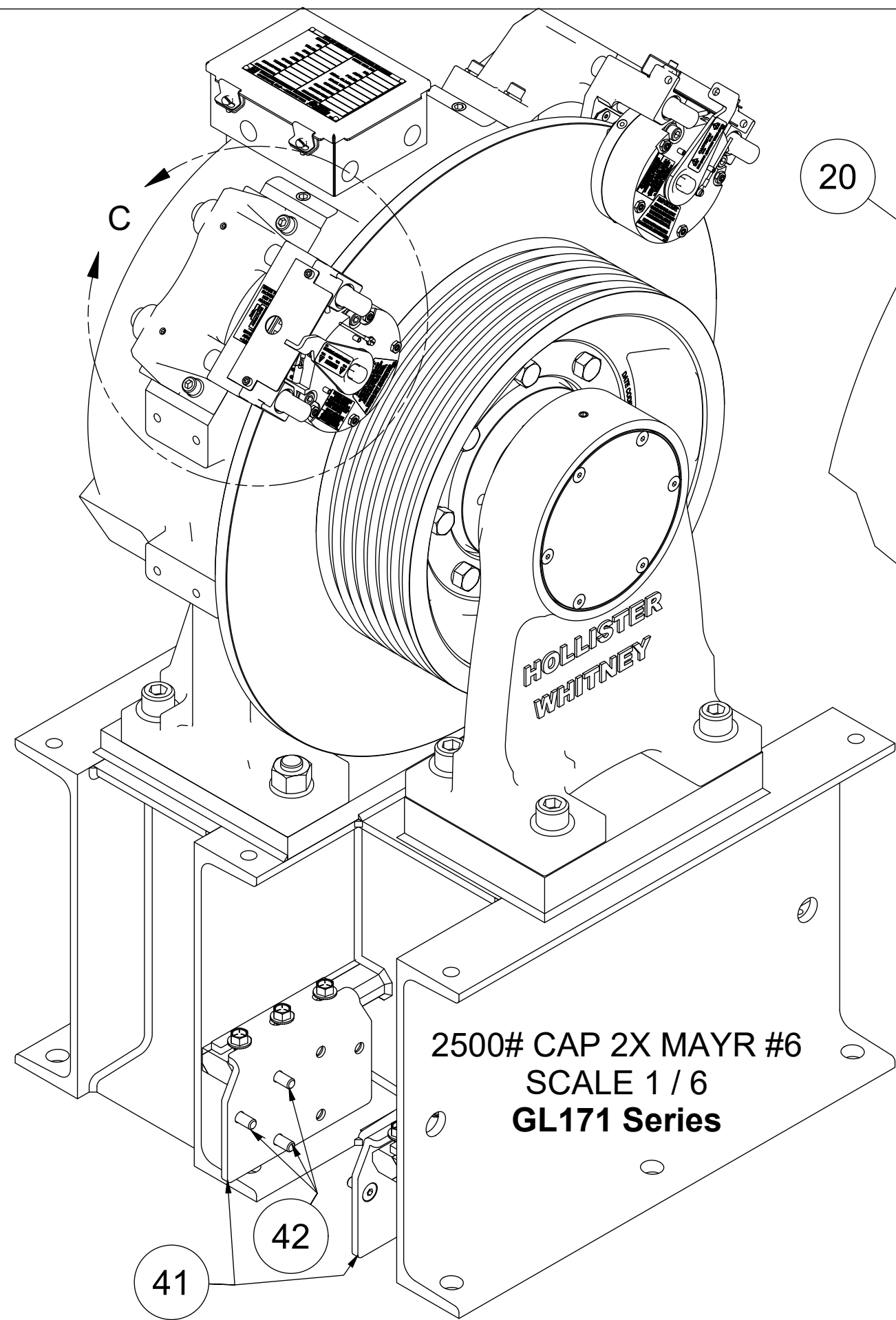


GL171-620, Less Gripper
2 X #6 Brake
2682 lbmass
SCALE 1 / 4



GL171X-620, Less Gripper
2 X #8 Brake
2824 lbmass
SCALE 1 / 4

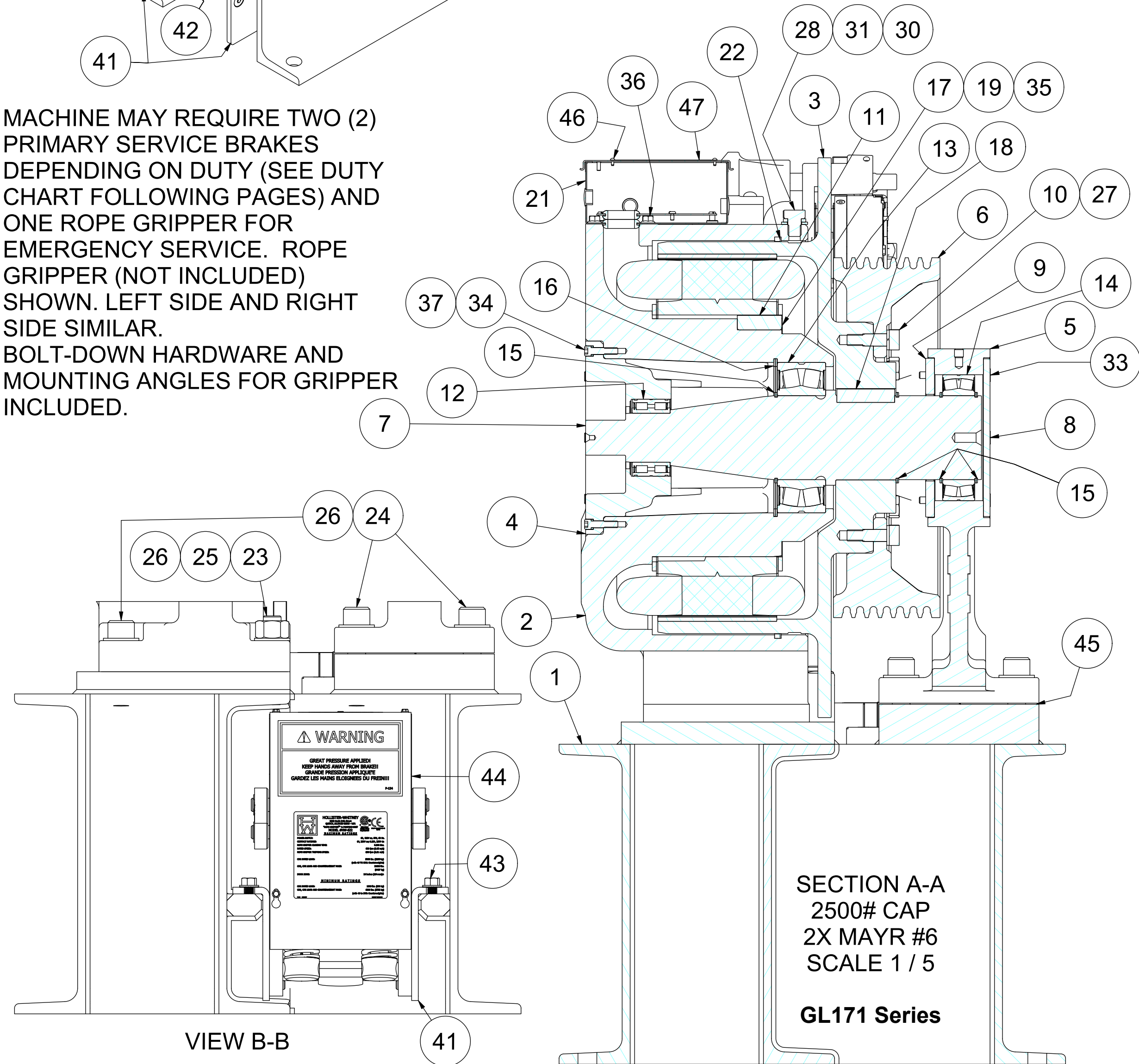
										WEIGHT: 2678.1 lbmass	
				SEE PAGE 1 FOR REVISIONS				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE		GEARLESS MACHINE W/620			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				THIRD ANGLE PROJECTION		DRAWN BY		SCALE		MATERIAL	
						LTL		1 / 4		SEE PARTS LIST	
						SHEET SIZE		DATE		GL171-620	
						D		11/1/2012		SHEET 4 OF 4	



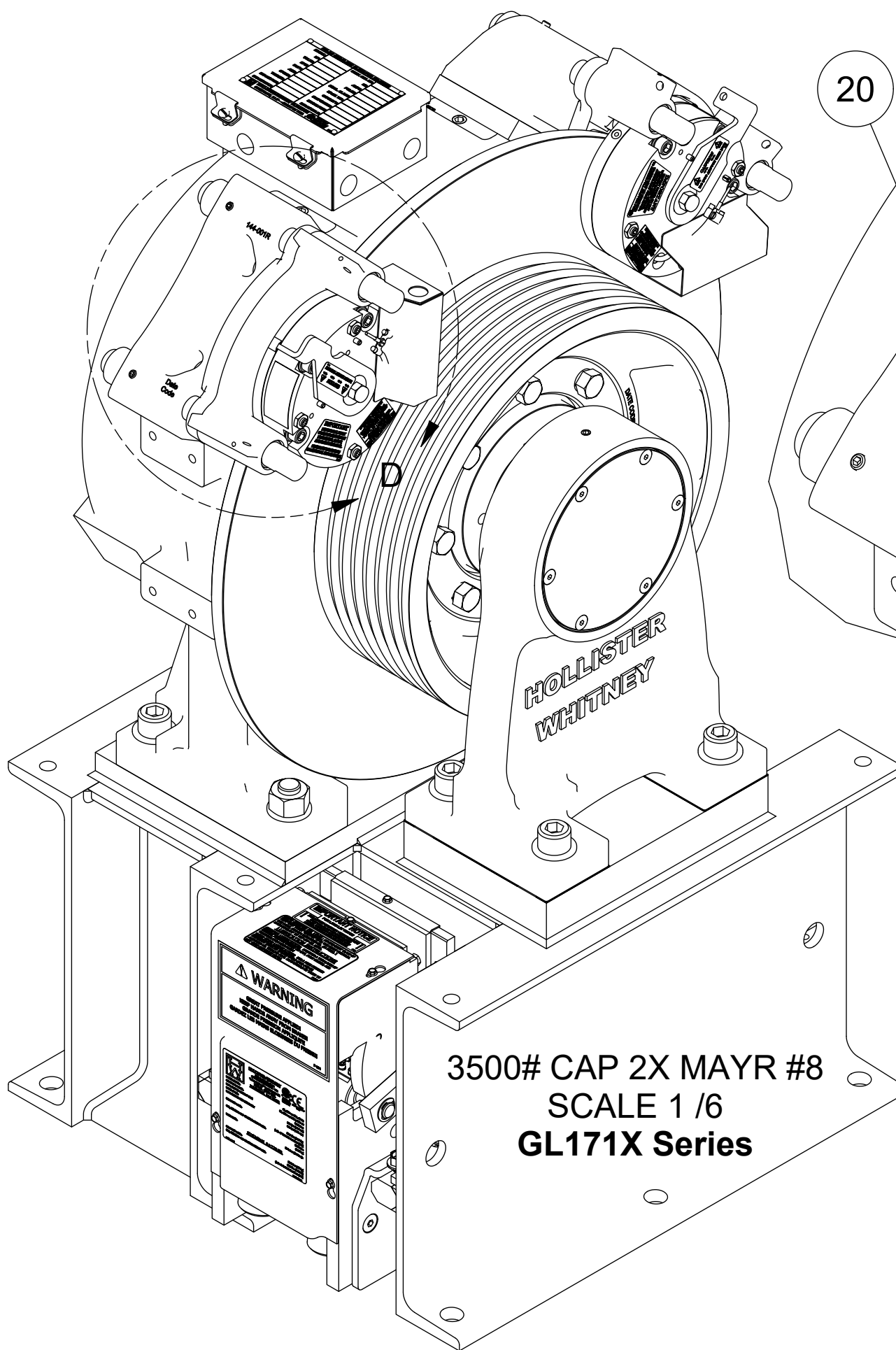
DETAIL C
2500# CAP
2X MAYR #6
SCALE 1 / 3

2500# CAP 2X MAYR #6
SCALE 1 / 6
GL171 Series

MACHINE MAY REQUIRE TWO (2) PRIMARY SERVICE BRAKES DEPENDING ON DUTY (SEE DUTY CHART FOLLOWING PAGES) AND ONE ROPE GRIPPER FOR EMERGENCY SERVICE. ROPE GRIPPER (NOT INCLUDED) SHOWN. LEFT SIDE AND RIGHT SIDE SIMILAR. BOLT-DOWN HARDWARE AND MOUNTING ANGLES FOR GRIPPER INCLUDED.



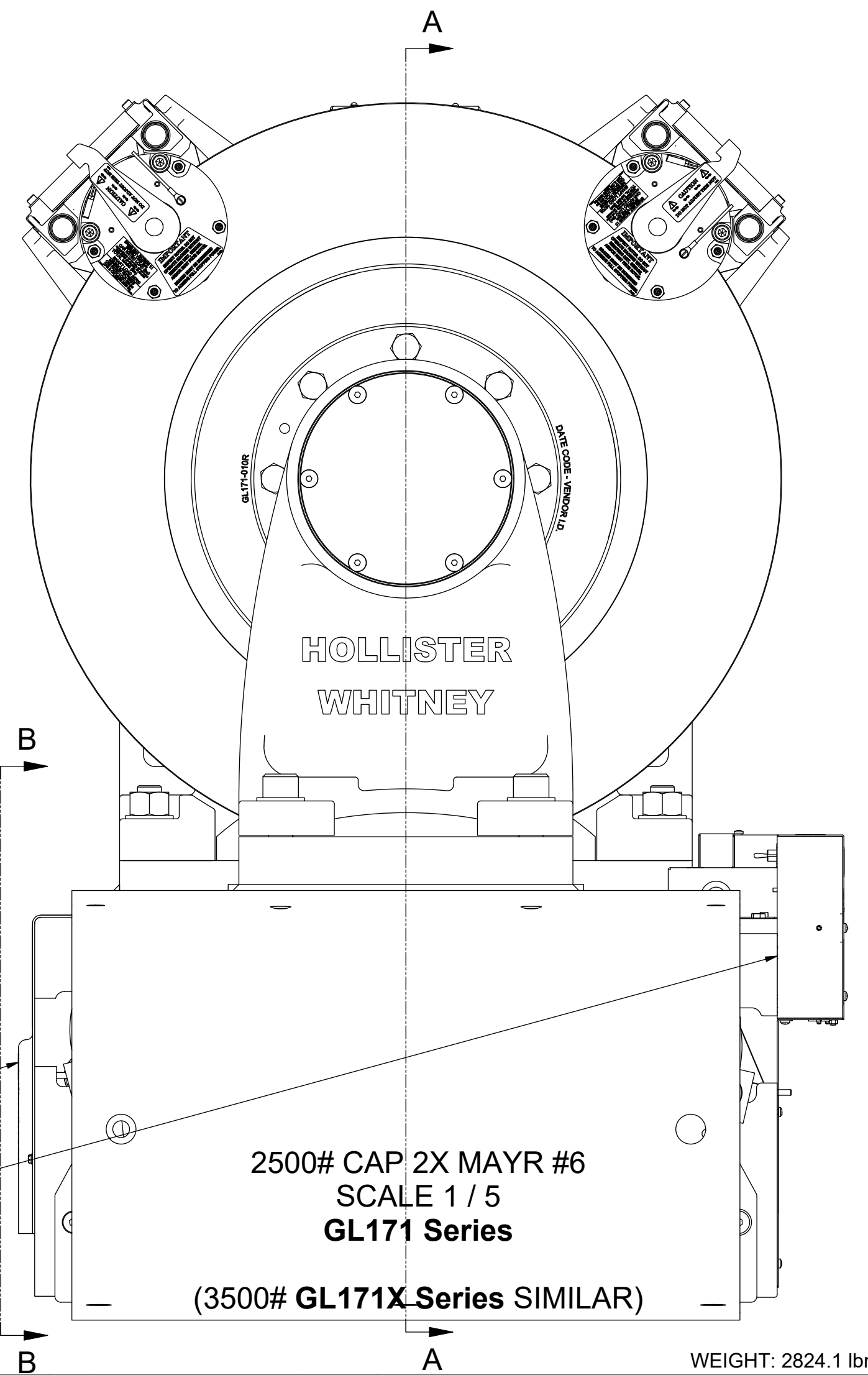
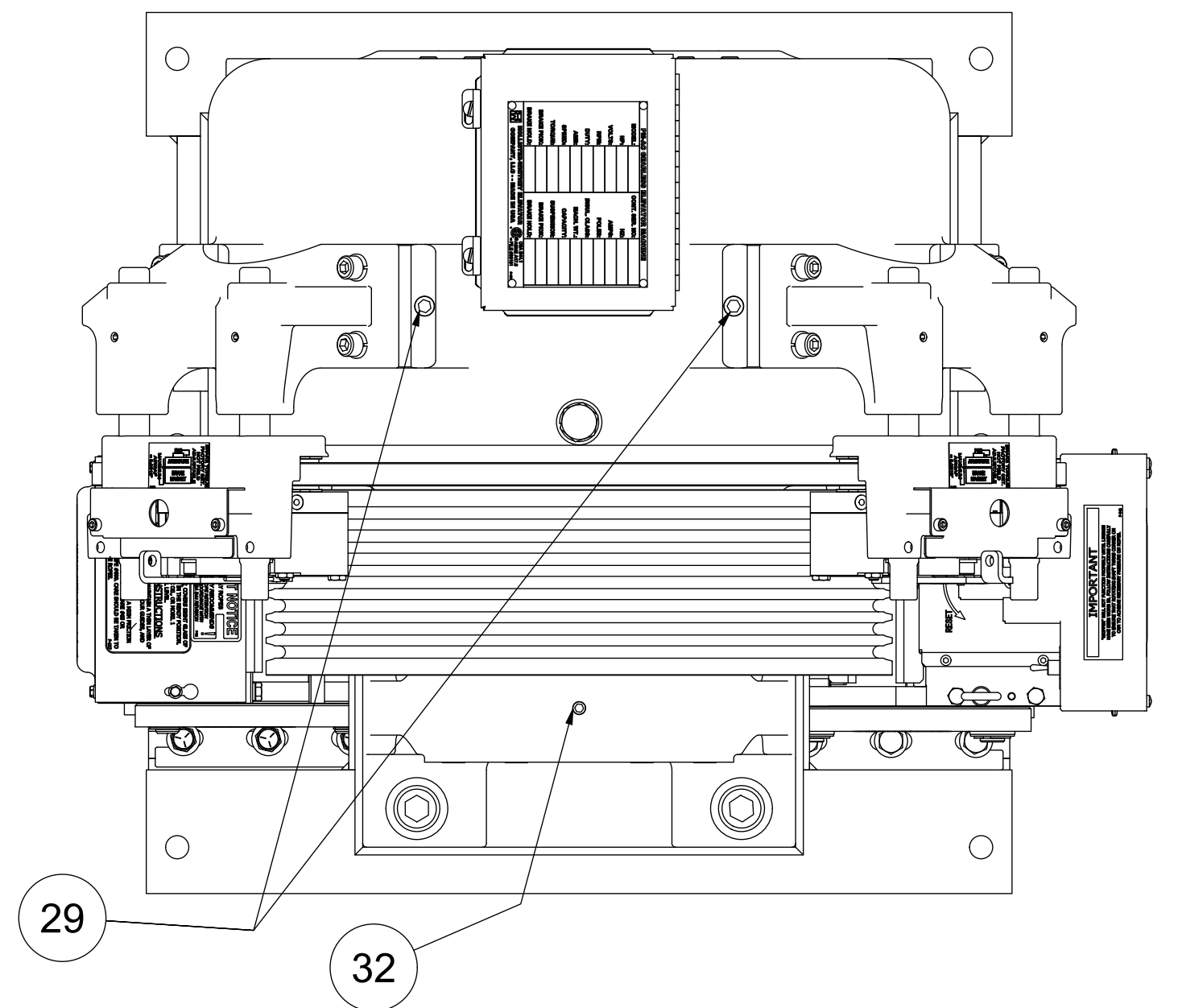
SECTION A-A
2500# CAP
2X MAYR #6
SCALE 1 / 5
GL171 Series



DETAIL D
3500# CAP
2X MAYR #8
SCALE 1 / 3

3500# CAP 2X MAYR #8
SCALE 1 / 6
GL171X Series

- SEE PAGE 2 FOR PARTS LIST AND RATINGS
- SEE PAGE 3 FOR OVERALL DIMENSIONS
- SEE PAGE 4 FOR APPROXIMATE WEIGHT OF MACHINE, LESS GRIPPER



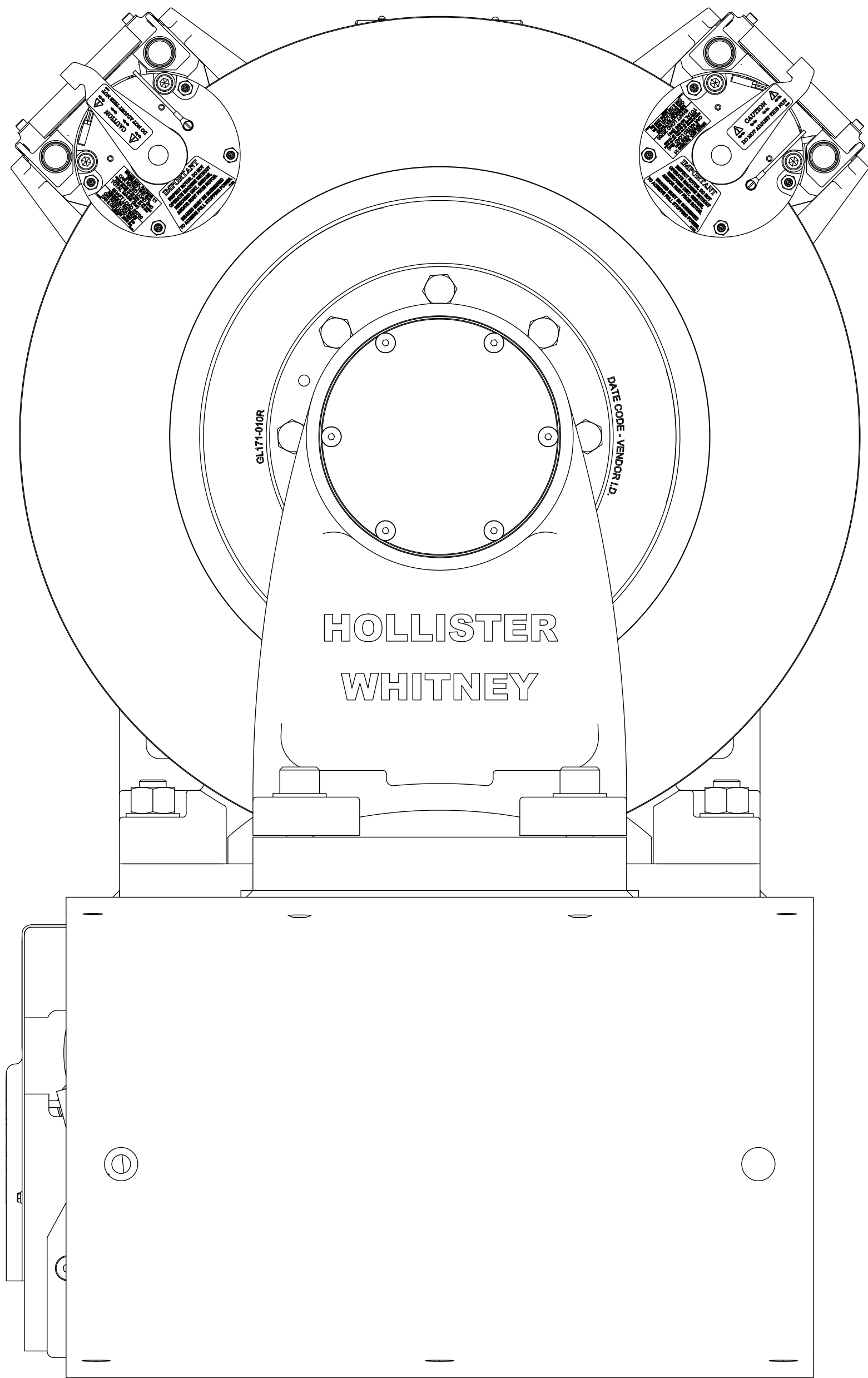
622 ROPE GRIPPER
(NOT INCLUDED)
622L ROPE GRIPPER
(NOT INCLUDED)

2500# CAP 2X MAYR #6
SCALE 1 / 5
GL171 Series

(3500# GL171X Series SIMILAR)

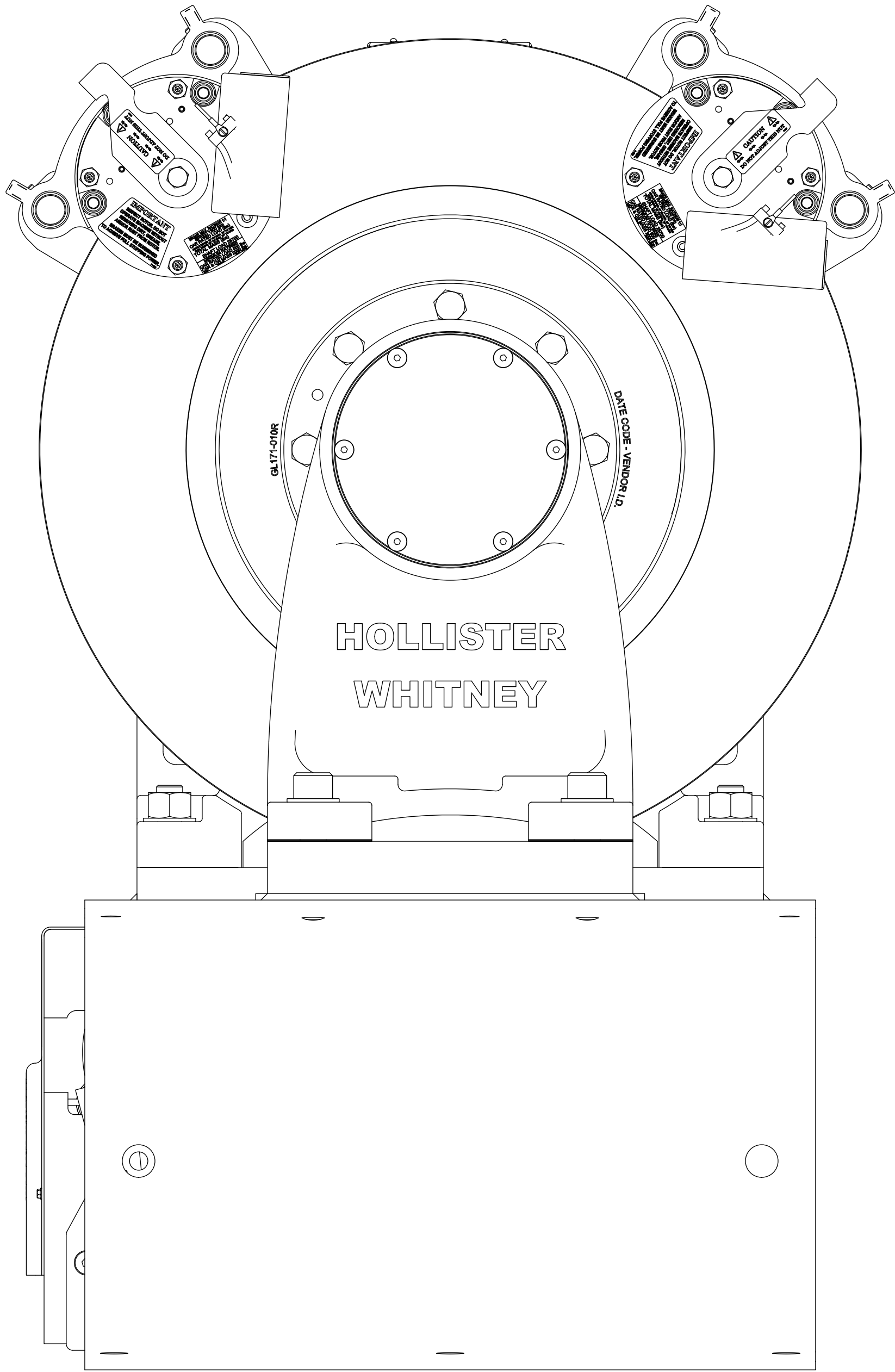
WEIGHT: 2824.1 lbmass

		L		LTL		HOLLISTER-WHITNEY	
		ADD 3500# CAPACITY MACHINE w/BRAKES, ROTOR, HOUSING, WIDE 20" WHEEL, 622L OPTION, REDRAW, PUR #1712		12/8/22		ELEVATOR CO. LLC	
M		ADD MACHINE WEIGHTS PAGE 4 OF 4, PUR #1800		8/15/23		GEARLESS MACHINE W/622	
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DRAWN BY		LTL		1 / 5		SEE PARTS LIST	
SHEET SIZE		D		DATE		9/28/2012	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						GL171-622	
						SHEET 1 OF 4	



2500# CAP 2X MAYR #6
SCALE 1 / 4
GL171 Series

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-622	BASE FABRICATION - FINISHED
2	1	GL170-001	BASE HOUSING, MOTOR #GL170
		GL180-001	BASE HOUSING, MOTOR #GL181
3	1	GL171-002	ROTOR ASSEMBLY, MOTOR #GL171, to 2500# CAP 50% CB
		GL181-002	ROTOR ASSEMBLY, MOTOR #GL181, to 3500# CAP 50% CB
4	1	GL130-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL171-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL100-089	Bearing, Sealed Double Row Cylindrical Roller
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL171-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL181-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
		GL171-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL), SEE BELOW
20	1	GL130-144	DISC BRAKE (MAYR #8) - THRU 1875# CAP 50% CB
	2	GL100-146	DISC BRAKE (MAYR #6) - 1876# TO 2500# CAP 50% CB
	2	GL130-144	DISC BRAKE (MAYR #8) - 2501# TO 3500# CAP 50% CB
21	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
22	1	GL100-165	FELT DUST SEAL
23	2	1 - 8 UNC x 5	ALL THREAD - GRADE 5
24	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
25	2	1 - 8 UNC NUT	HEAVY HEX NUT
26	8	1" WASHER	SAE WASHER
27	8	M18 LOCK WASHER-DIN 127B	HELICAL SPRING LOCK WASHER - BODY BOLT
28	3	3/4 - 10 UNC x 1.0	HEX HEAD CAP SCREW
29	2	3/4-10 UNC x 0.75	Hexagon Socket Set Screw - Flat Point
30	3	3/4 WASHER	SAE WASHER
31	3	3/4" WASHER	STANDARD LOCK WASHER
32	1	1/2-13 UNC x 0.5	Hexagon Socket Set Screw - Flat Point
33	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
34	8	3/8 - 16 UNC - 1 1/2	Hexagon Socket Head Cap Screw
35	3	3/8 - 16 UNC - 1	Hexagon Socket Head Cap Screw
36	4	3/8-16 UNC x 0.625	Hex Flange Screw - Regular Thread - Inch
37	8	0.375 WASHER	CAP SCREW LOCK WASHER
38	4	#8 WASHER	INT. TOOTH LOCKWASHER
39	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
40	1	ENC-113	#81800-61 2048PPR 50mm HEIDENHAIN ENCODER
41	2	622-041-GL	MOUNTING ANGLE, GL171-622 BASE
42	6	1/2 - 13 UNC x 1.25	FLAT HEAD CAP SCREW
43	6	1/2-13 UNC x 1.25	HEX FLANGE HEAD SCREW
44	1	622 OR 622L	NOT INCLUDED, 622 SHOWN FOR CLARITY ONLY
45	AS NEC.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
46	4	#6 U x 0.3125	DRIVE SCREW
47	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
48	1 or 2	P-242	TAG, GL171 OR GL181 - BRAKE RATINGS FOR MAYR #8
	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6

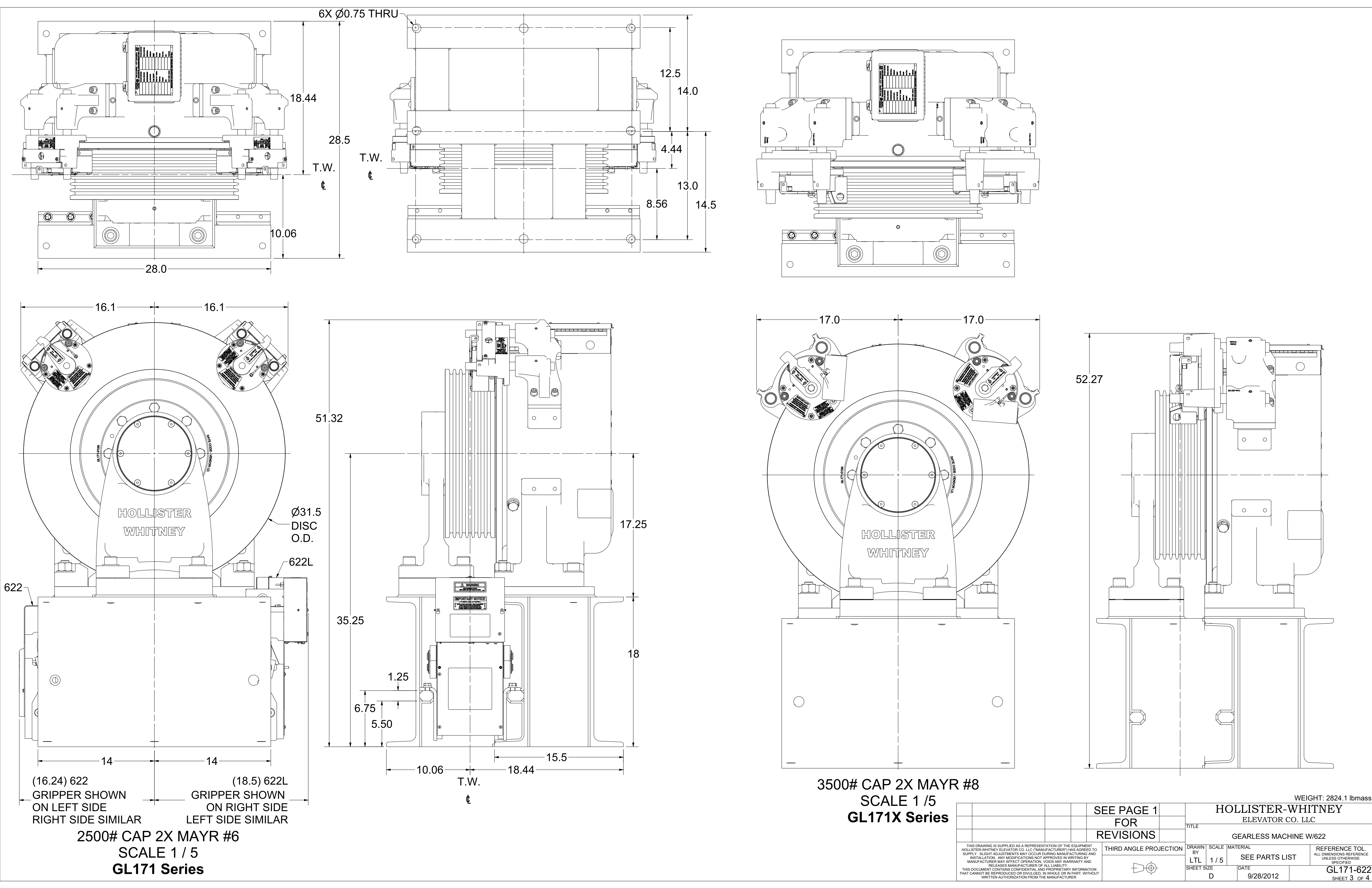


3500# CAP 2X MAYR #8
SCALE 1 / 4
GL171X Series

THESE APPLICATIONS USING WINDINGS DESIGNED FOR 1:1											
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	ROPED 1:1			ROPED 2:1		
						CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL171-20L	GL171-170-200	87	170	170	38.2	200	158	150	100	79	75
GL171-20H	GL171-360-200	87	170	360	38.2	200	158	150	100	79	75
GL171X-35H	GL181-380-350	87	170	380	66.8	350	276	263	175	138	131
GL171-40L	GL171-170-400	87	170	170	76.4	400	315	300	200	158	150
THESE APPLICATIONS USING WINDINGS DESIGNED FOR 2:1											
GL171-70L	GL170-170-350	93.9	170	170	178.3	ROPED 1:1			ROPED 2:1		
						933	735	700	467	368	350
GL171-70H	GL170-360-350	94	170	360	178.3	933	735	700	467	368	350

	TRACTION WHEEL	ROPING	COUNTER BALANCE %					BRAKES REQUIRED
			50	47.5	45	42.5	40	
			CAPACITY (LBS)					
GL171-70	20"	1:1	1875	1775	1700	1625	1550	1X MAYR #8
		2:1	3750	3550	3400	3250	3125	
GL171-40 GL171-20	20"	1:1	2500	2400	2325	2250	2200	2X MAYR #6
		2:1	5000	4825	4675	4525	4400	
GL171X-35	20"	1:1	3500	3325	3175	3025	2900	2X MAYR #8
		2:1	7000	6650	6350	6050	5800	

				SEE PAGE 1		HOLLISTER-WHITNEY			
				FOR		ELEVATOR CO. LLC			
				REVISIONS		GEARLESS MACHINE W/622			
				THIRD ANGLE PROJECTION		DRAWN BY LTL 1 / 4			
						MATERIAL SCALE			
						SEE PARTS LIST			
						REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED			
						DATE 9/28/2012			
						GL171-622			
						SHEET 2 OF 4			



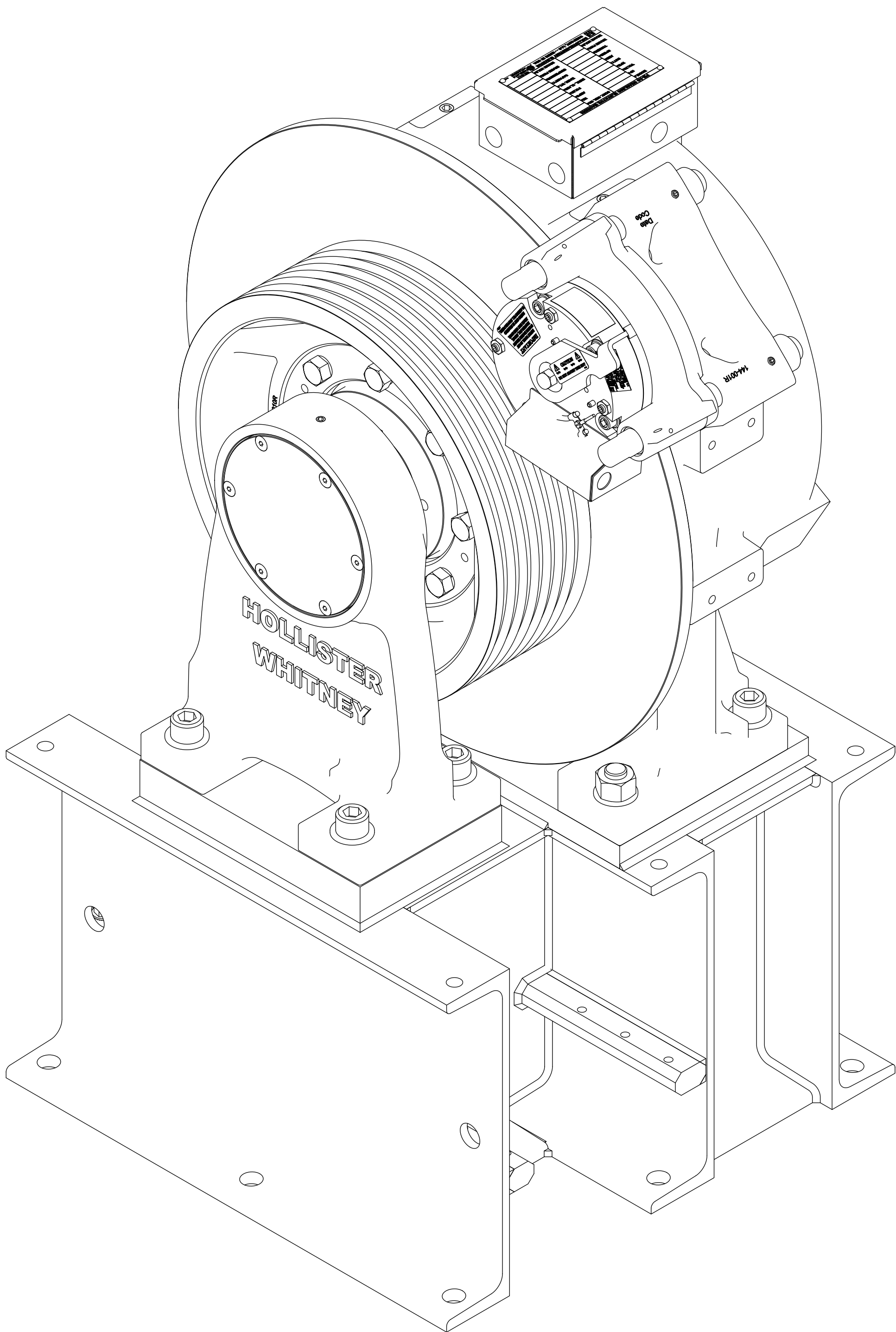
(16.24) 622 GRIPPER SHOWN ON LEFT SIDE
RIGHT SIDE SIMILAR

(18.5) 622L GRIPPER SHOWN ON RIGHT SIDE
LEFT SIDE SIMILAR

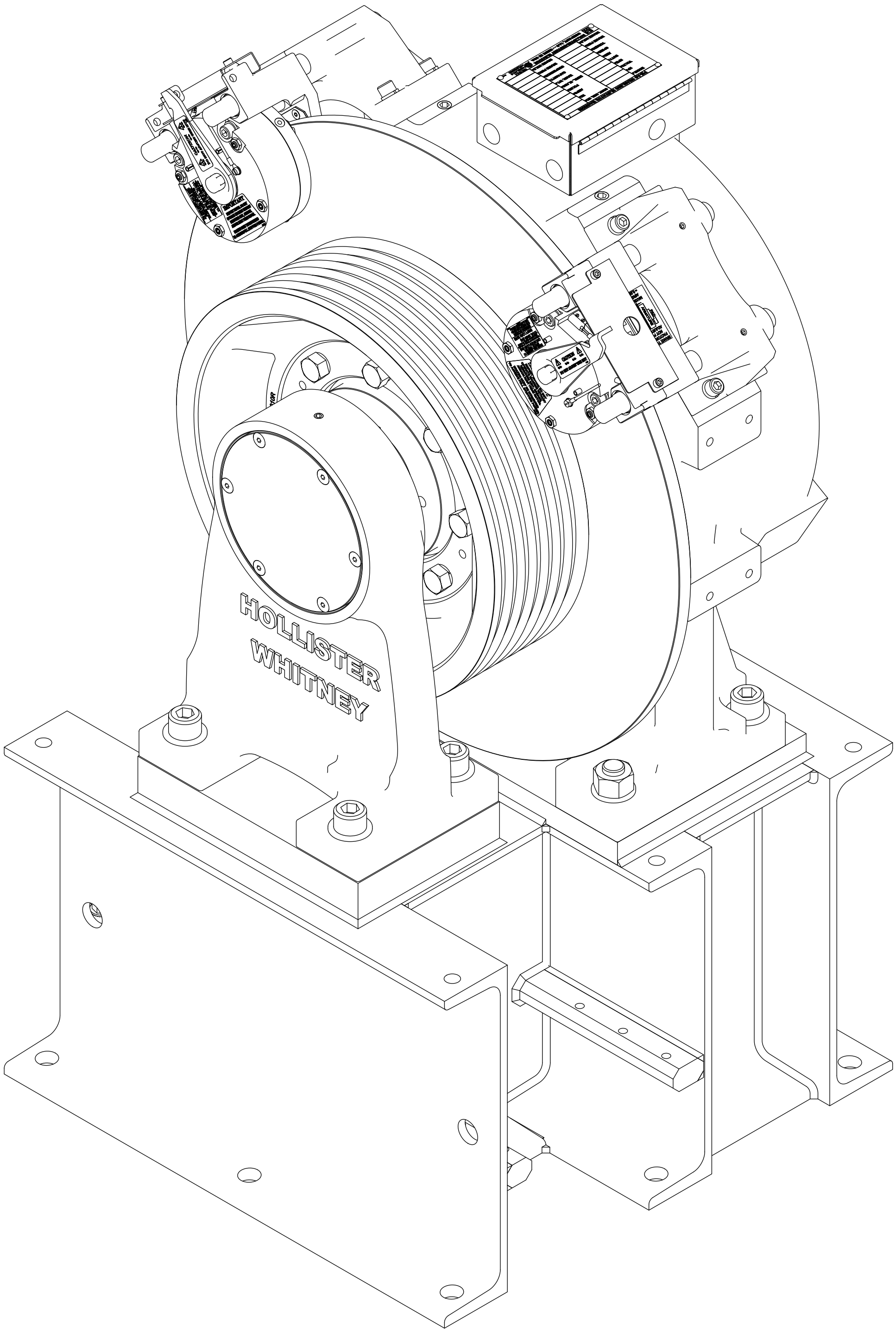
2500# CAP 2X MAYR #6

SCALE 1 / 5

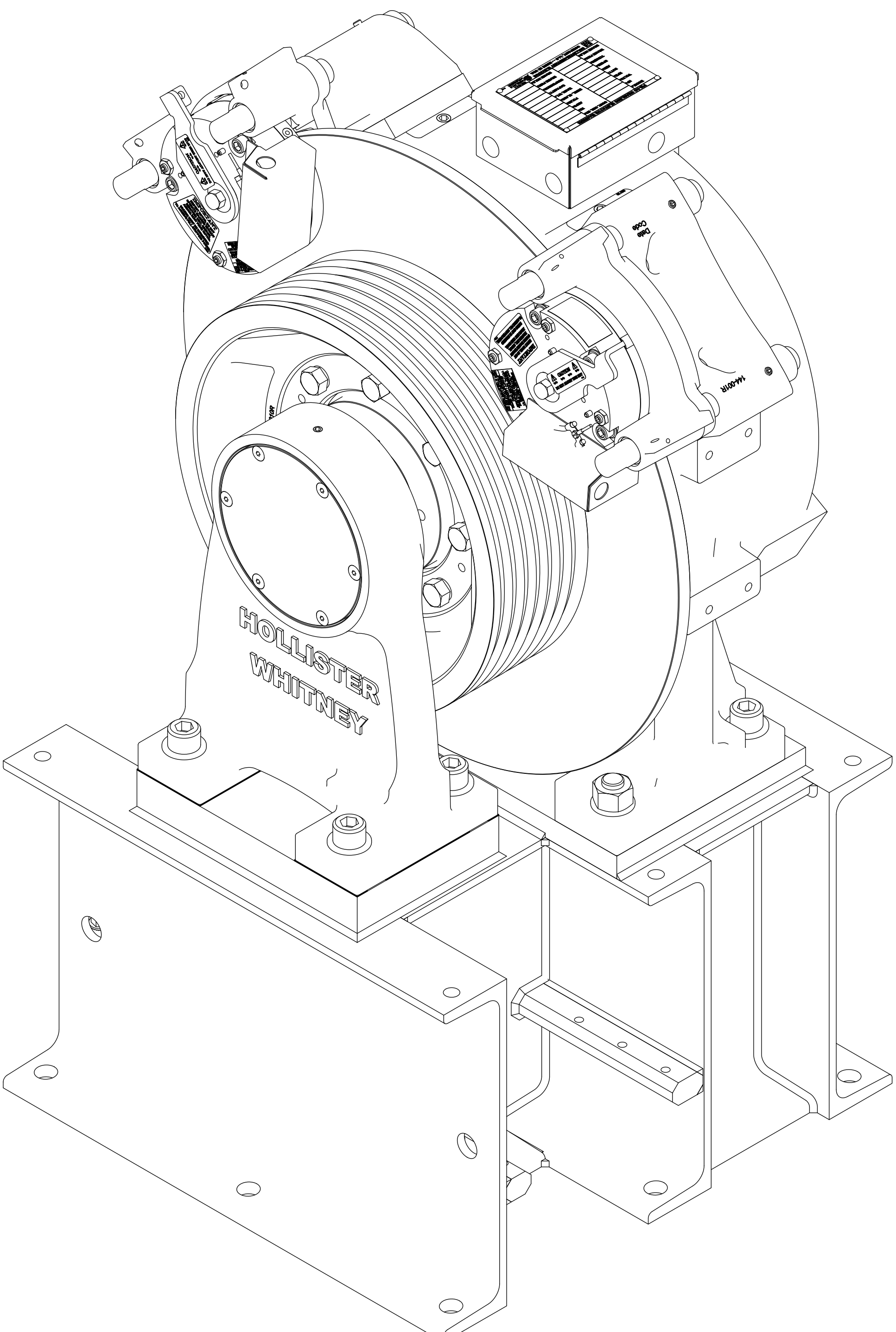
GL171 Series



GL171-622, Less Gripper
1 X #8 Brake
2660 lbmass
SCALE 1 / 4



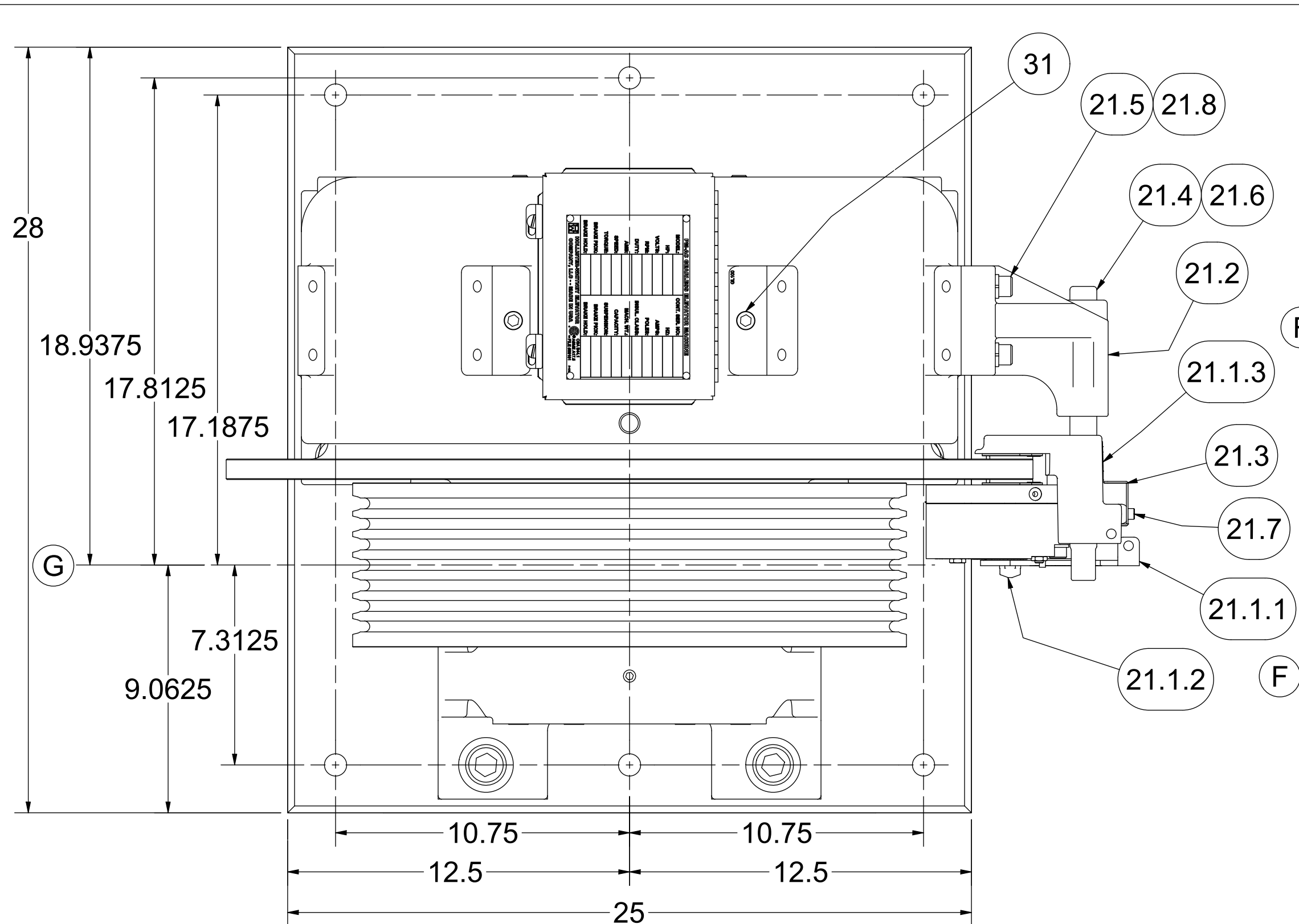
GL171-622, Less Gripper
2 X #6 Brake
2664 lbmass
SCALE 1 / 4



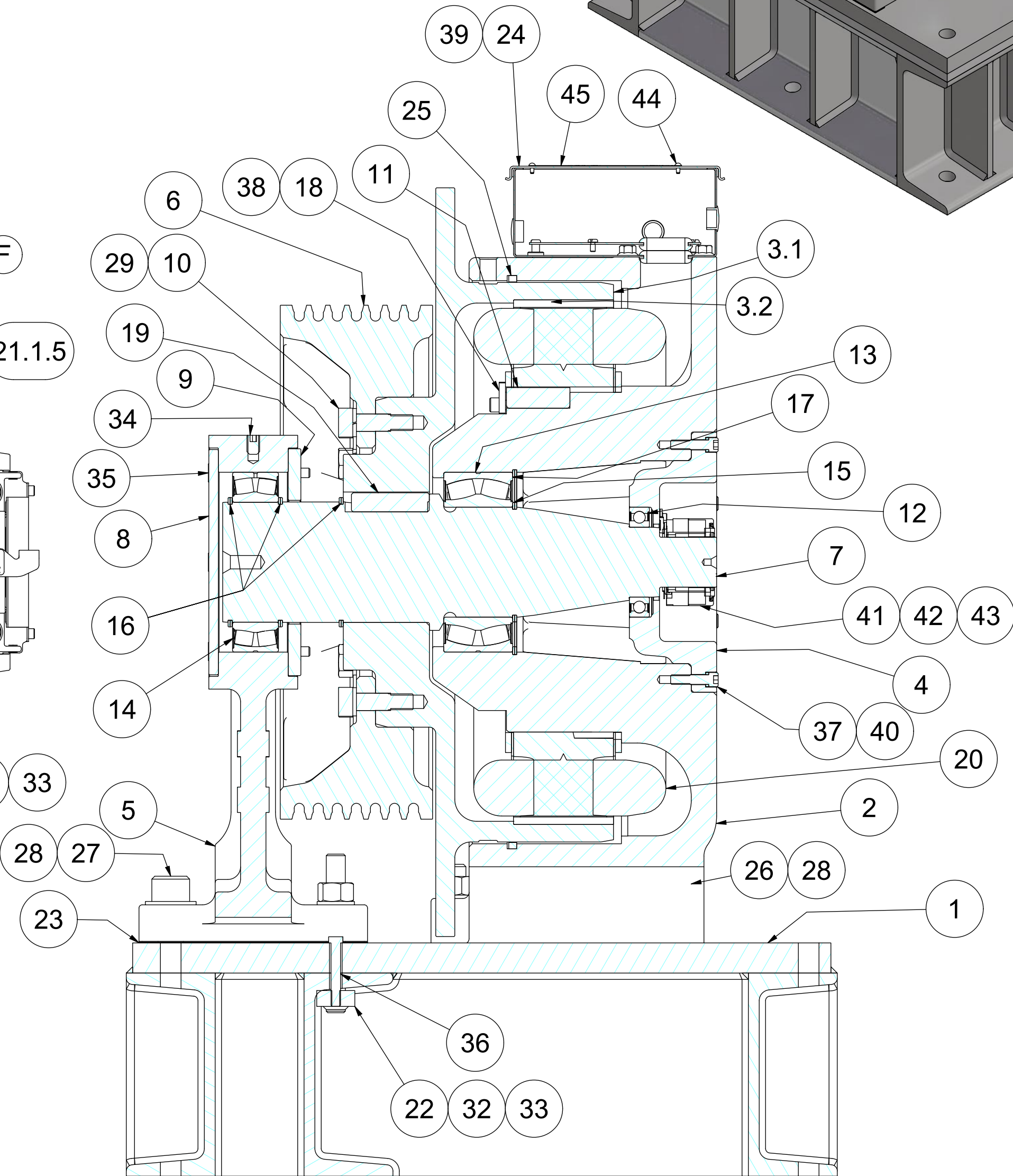
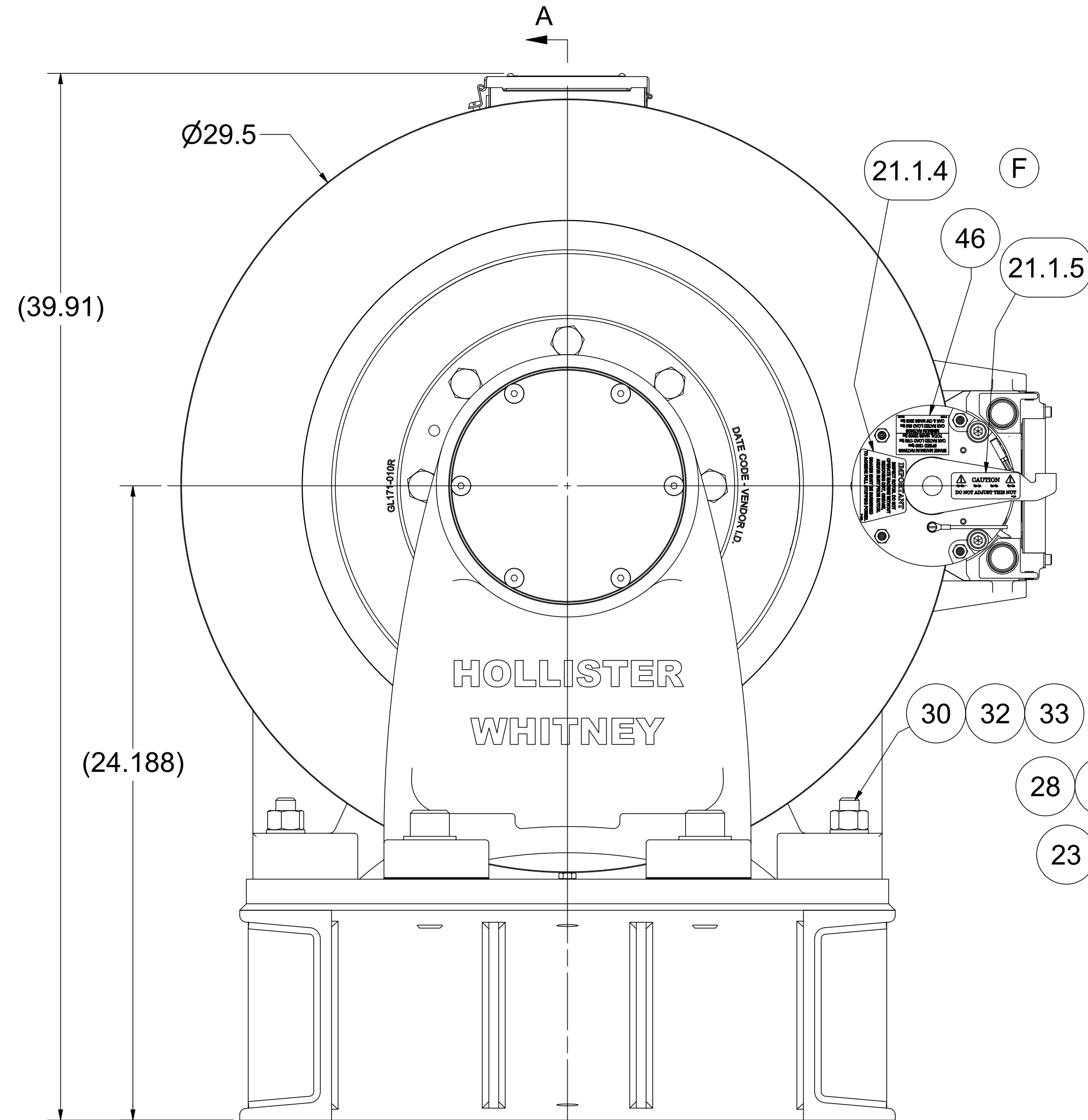
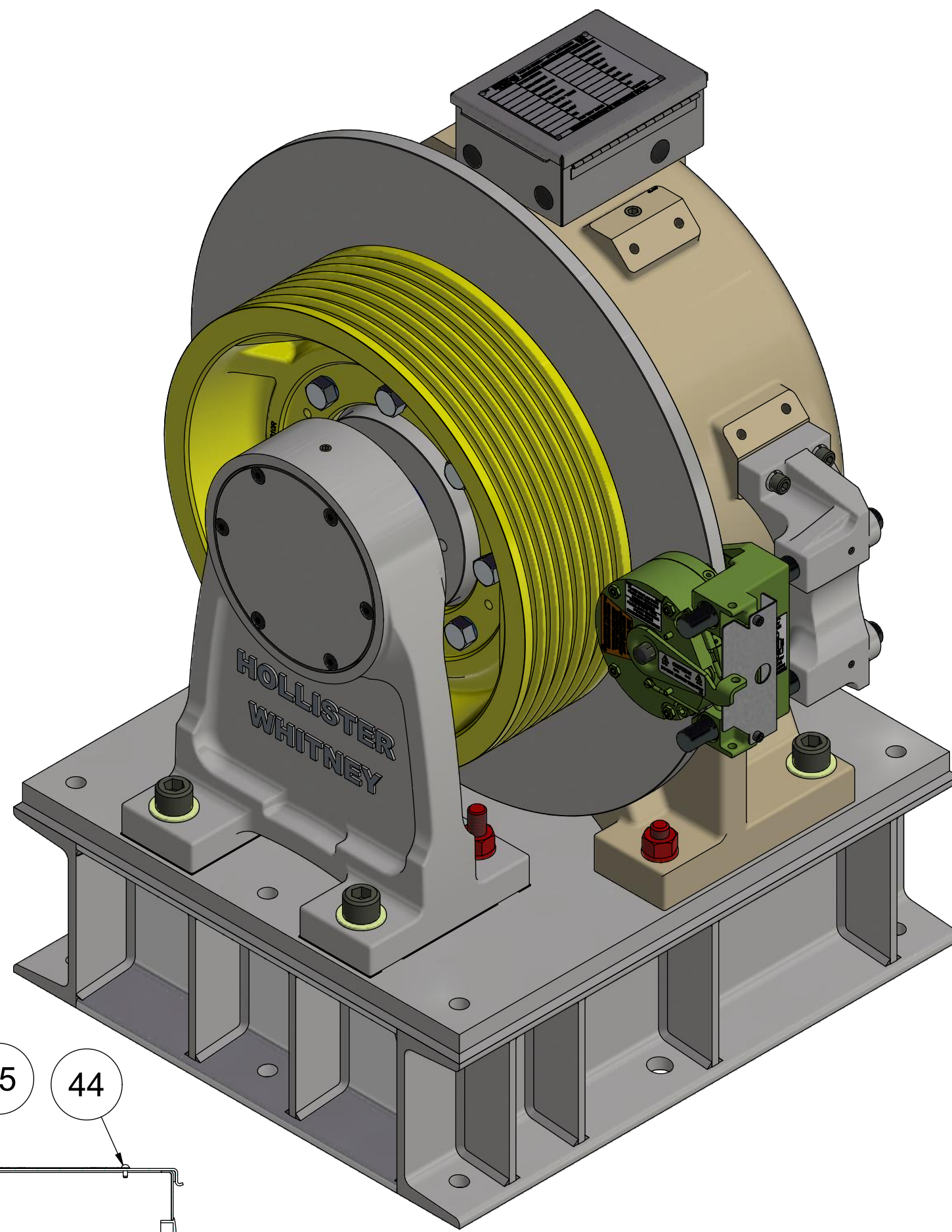
GL171X-622, Less Gripper
2 X #8 Brake
2806 lbmass
SCALE 1 / 4

				SEE PAGE 1 FOR REVISIONS		HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						GEARLESS MACHINE W/622			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 4	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE D	DATE 9/28/2012	GL171-622 SHEET 4 OF 4	

WEIGHT: 2660.4 lbmass




PRIMARY BRAKE
SHOWN RIGHT SIDE,
LEFT SIDE SIMILAR.



SECTION A-A
SCALE 1 / 4

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL101BS-01	FINISHING BASE, BASEMENT SET, GL101
2	1	GL100-001	BASE HOUSING, MOTOR #GL100
3	1	GL101-002	ROTOR ASSEMBLY, MOTOR #GL101
3.1	1	GL101-004	ROTOR
3.2	28	GL100-099	PERMANENT MAGNET - MOTOR #GL100
4	1	GL260-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL101-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL100-090	Bearings, Sealed Spherical Roller
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	1	GL100-092	RETAINING RING - SHAFT
16	3	GL130-092	RETAINING RING - SHAFT
17	1	GL100-093	RETAINING RING - HOUSING
18	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
19	1	GL100-095	KEY - ROTOR TO SHAFT
20	1	GL100-100	WINDING ASSEMBLY
21	1	GL100-146	DISC BRAKE (MAYR #6) - MRL
21.1	1	GL100-146-115S	MAYR #6 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL100-146-115	MAYR #6 RSD6/894.510.03S 52V #8275067
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	142-001	BRAKE BASE
21.3	1	146-003	COVER - MAYR #6 ELECTRICAL
21.4	2	142-012	BRAKE ROD
21.5	4	1/2-13 UNC x 2	SOCKET HEAD CAP SCREW
21.6	4	1/2" WASHER	STANDARD WASHER
21.7	2	3/8-16 UNC x 0.375	SET SCREW
21.8	2	M6 x 1.00 x 8mm	SHCS - Metric
22	1	GL171BS-156-5	SHIPPING BOLT
23	AS NEC.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
24	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
25	1	GL100-165	FELT DUST SEAL
26	2	1 - 8 UNC x 4	SOCKET HEAD CAP SCREW
27	2	1 - 8 UNC x 3.5	SOCKET HEAD CAP SCREW
28	4	1" WASHER	SAE WASHER
29	8	M18 LOCKWASHER - DIN1278	BODY BOLT LOCK WASHER
30	2	3/4-10 X 5	HEX HEAD BOLT
31	2	3/4-10 UNCx0.875	HALF DOG SET SCREW
32	4	3/4 - 10 UNC	HEAVY HEX NUT
33	6	3/4 WASHER	SAE WASHER
34	1	1/2-13 UNCx0.75	HALF DOG SET SCREW
35	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
36	1	3/8-16 x 2.5"	HEX HEAD BOLT
37	6	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
38	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
39	4	3/8 - 16 UNC x 0.625	WHIZ BOLT
40	6	0.375 WASHER	CAP SCREW LOCK WASHER
41	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
42	4	#8-32 x 1/4	SOCKET HEAD CAP SCREW
43	4	#8 WASHER	INT. TOOTH LOCKWASHER
44	4	#6 U x 0.3125	DRIVE SCREW
45	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
46	1	P-210	TAG, GL101 - BRAKE RATINGS FOR MAYR #6

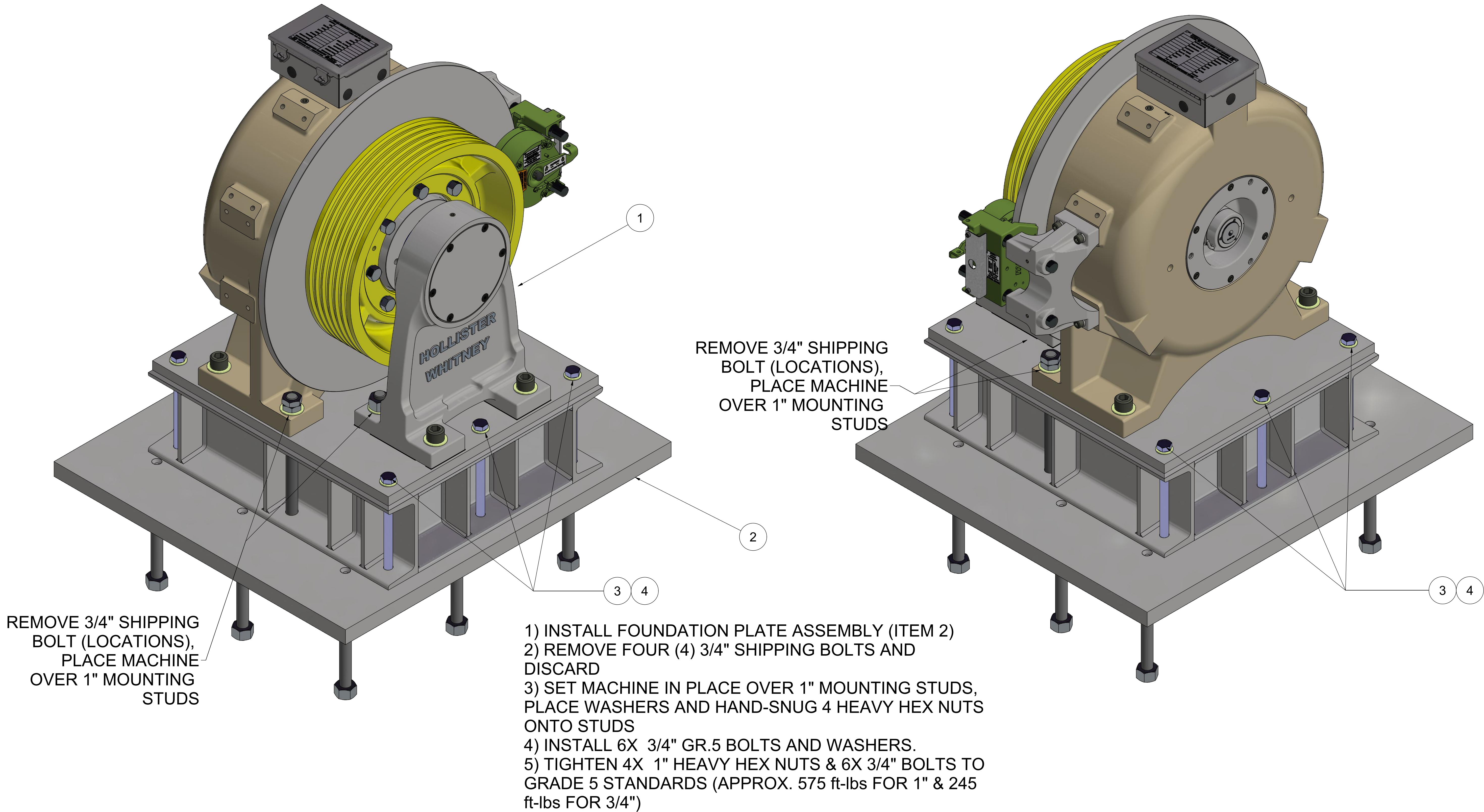
1:1 APPLICATIONS USING 2:1 WINDINGS						
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	CAR SPEED 20" (fpm)
GL101-15L	GL100-170-150	87.2	100	170	76.4	400
GL101-15H	GL100-360-150	87.1	100	360	76.4	400
GL101-20L	GL100-170-200	89.2	100	170	101.9	533
GL101-20H	GL100-360-200	89.3	100	360	101.9	533

										WEIGHT: 2076.1 lbmass			
		G	DIM. FOR WIDE TW, PUR #1800	LTL	7/19/23	HOLLISTER-WHITNEY ELEVATOR CO. LLC							
		F	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260	LTL	12/19/19	TITLE		GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB					
G	TW GL171-010 WAS GL100-010, UPDATE C/L	LTL	7/19/23	E	MAYR #8275067 WAS #8211863, PUR #1244	LTL	12/9/19	THIRD ANGLE PROJECTION					
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THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.								SEE PARTS LIST		DATE 5/21/2014		GL101BS SHEET 1 OF 3	
										SHEET SIZE D			

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL101BS	GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB	2034.536 lbmass
2	1	GL101BS-156	FOUNDATION PLATE ASSEMBLY - GL101 BASEMENT SET	586.316 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

SUPPLIED FOUNDATION PLATE FOR
NEW-POUR

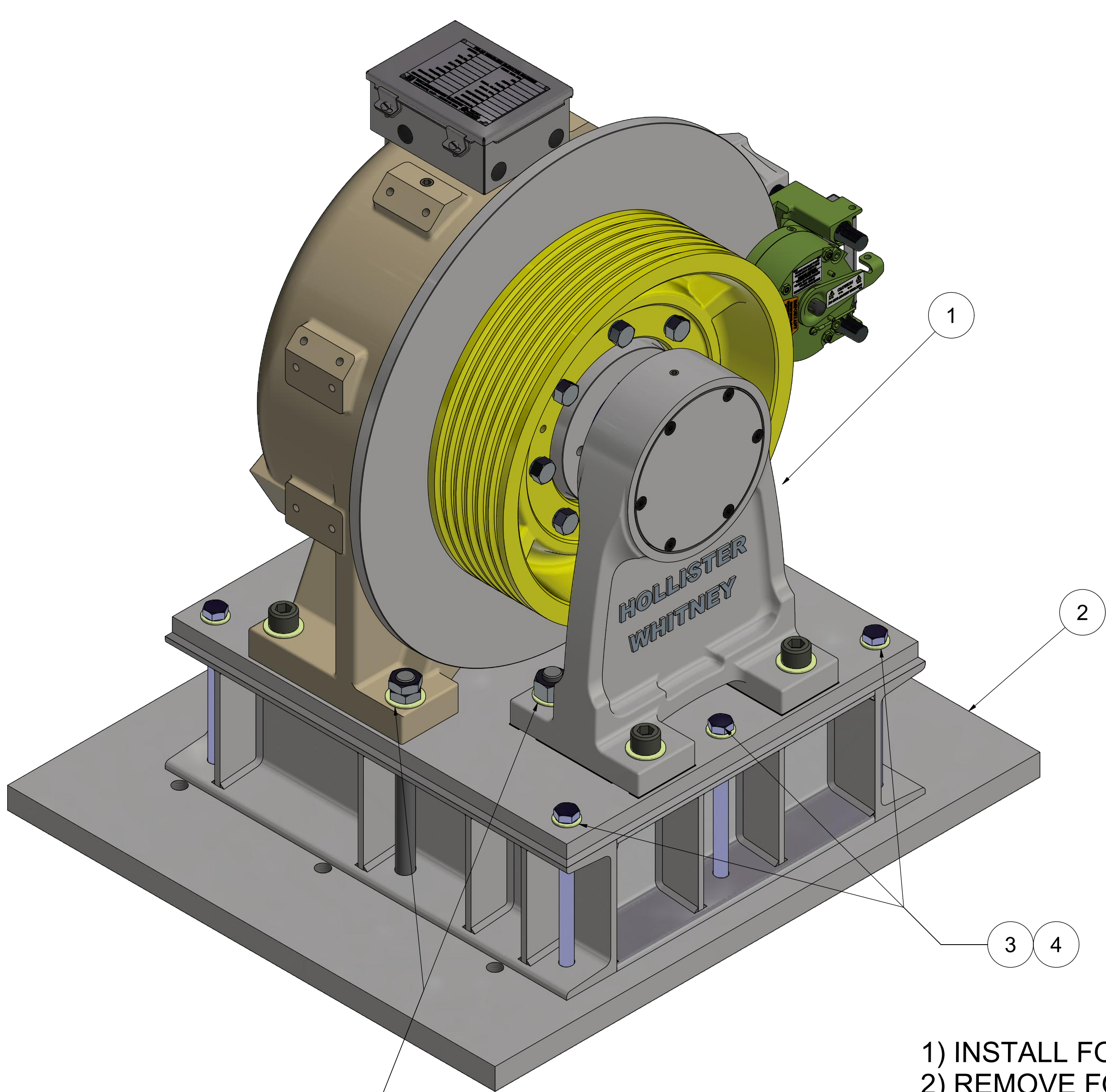
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C

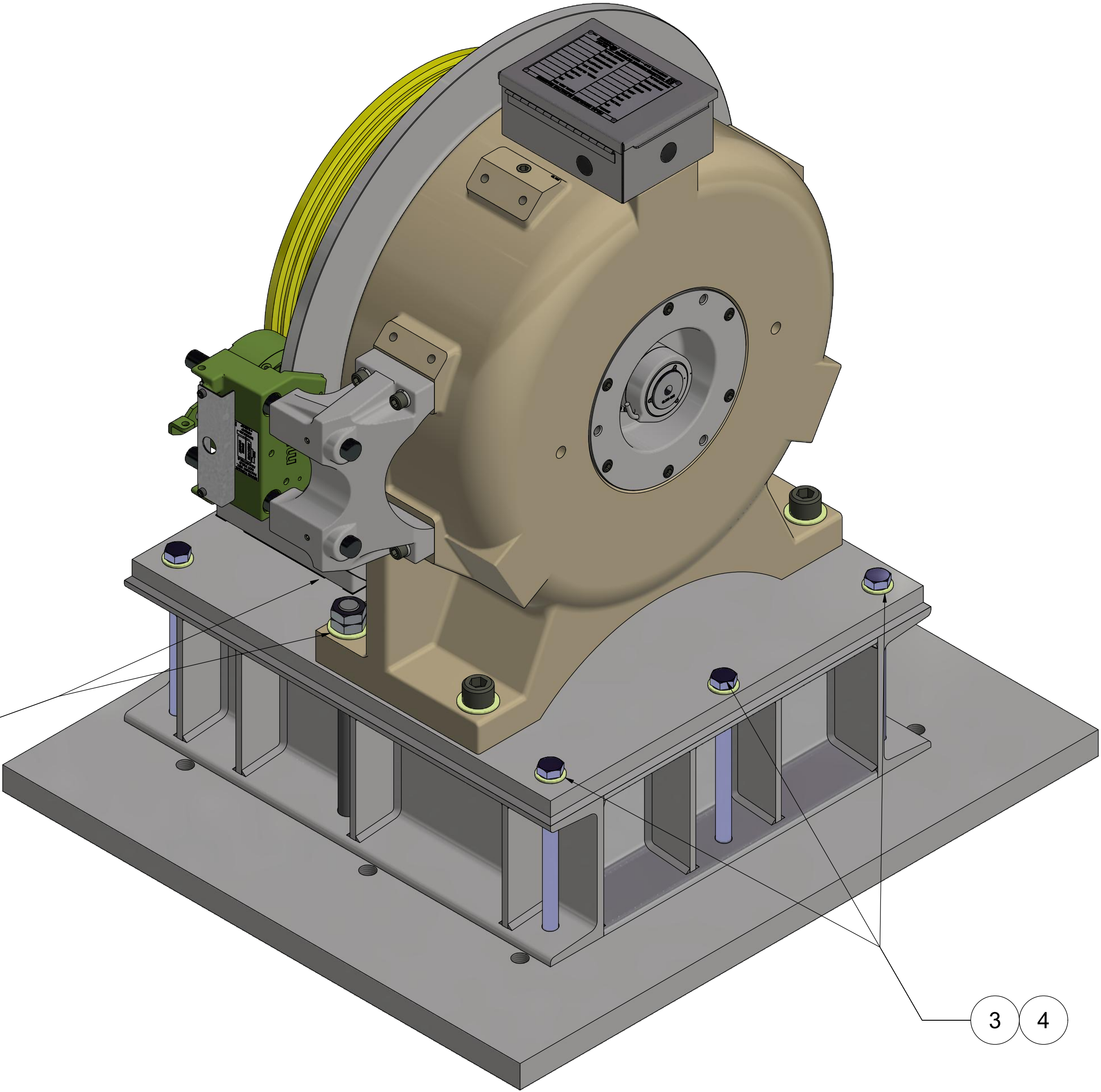
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL101BS	GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB	2034.536 lbmass
2	1	GL101BS-156A	FOUNDATION PLATE ASSEMBLY - GL101 BASEMENT SET	560.482 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

SUPPLIED FOUNDATION PLATE FOR
SECURING TO EXISTING STRUCTURE



REMOVE 3/4" SHIPPING
BOLT (LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

REMOVE 3/4" SHIPPING
BOLT (LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS




- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
- 2) REMOVE FOUR (4) 3/4" SHIPPING BOLTS AND DISCARD
- 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
- 4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
- 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")



F

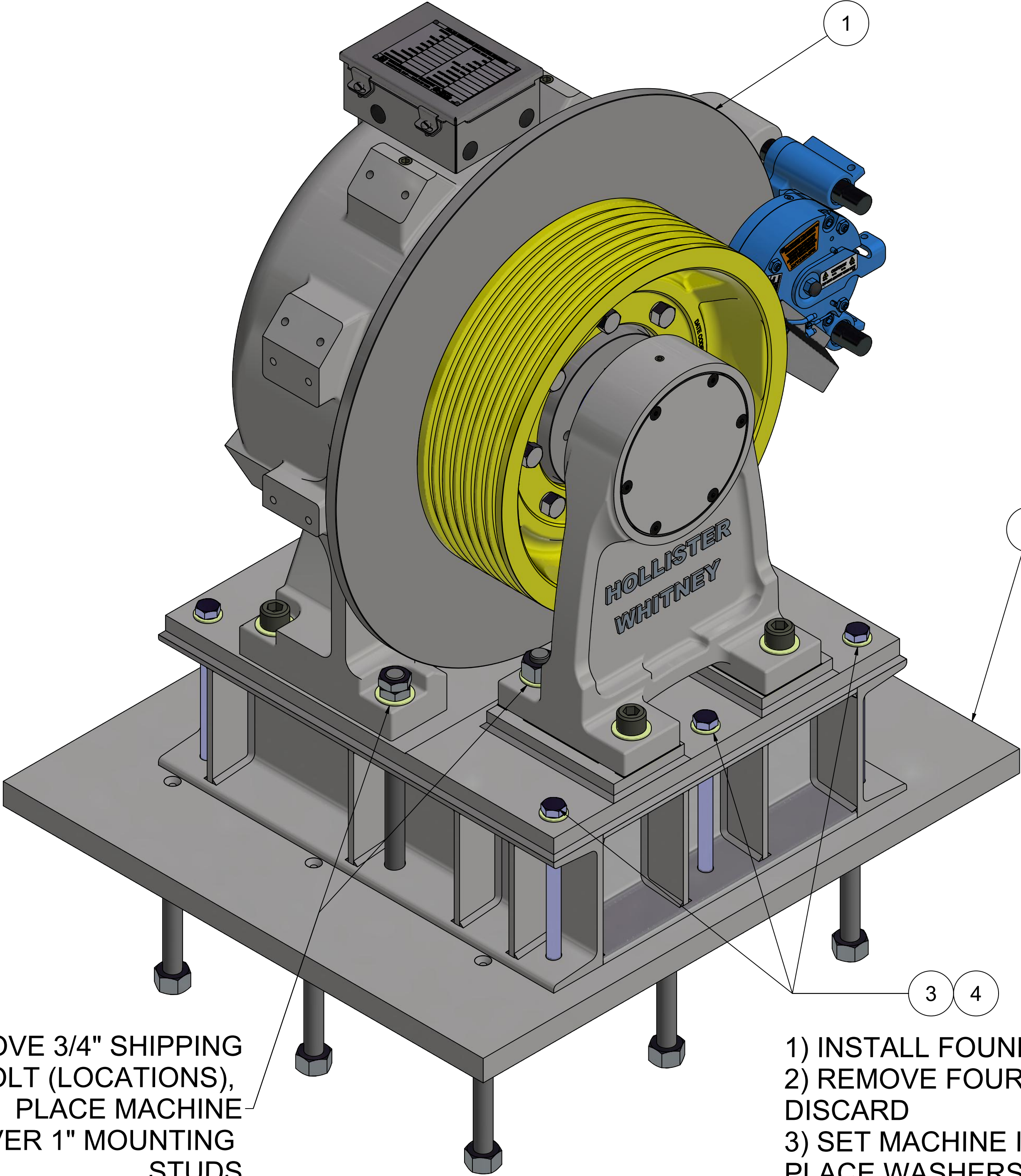
WEIGHT: 2317.3 lbmass

		G TW GL171-100, DATE GL100-10, UPDATE C/L DIM. FOR WIDE TW, PUR #1800		LTL 7/24/23	HOLLISTER-WHITNEY ELEVATOR CO. LLC		
		F UPDATE BRACE PARTS LIST & TRKS, PUR #1260		LTL 12/19/19	TITLE GEARLESS MACHINE, 1500 @ 50%, 1350 @ 45%, 1250 @ 40%: 1:1 ROPED		
THIRD ANGLE PROJECTION					DRAWN BY LTL		SCALE 1 / 4
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOID ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.					MATERIAL SEE PARTS LIST		REFERENCE TO: ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED TO OTHERWISE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT SHOULD NOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.					SHEET SIZE D		DATE 8/28/2015
					FL131BS SHEET 1 OF 3		

PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL131BS	GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @ 40% CB 1:1 ROPED	2310.037 lbmass
2	1	GL171-BS-156	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	586.762 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

SUPPLIED FOUNDATION PLATE FOR
NEW-POUR

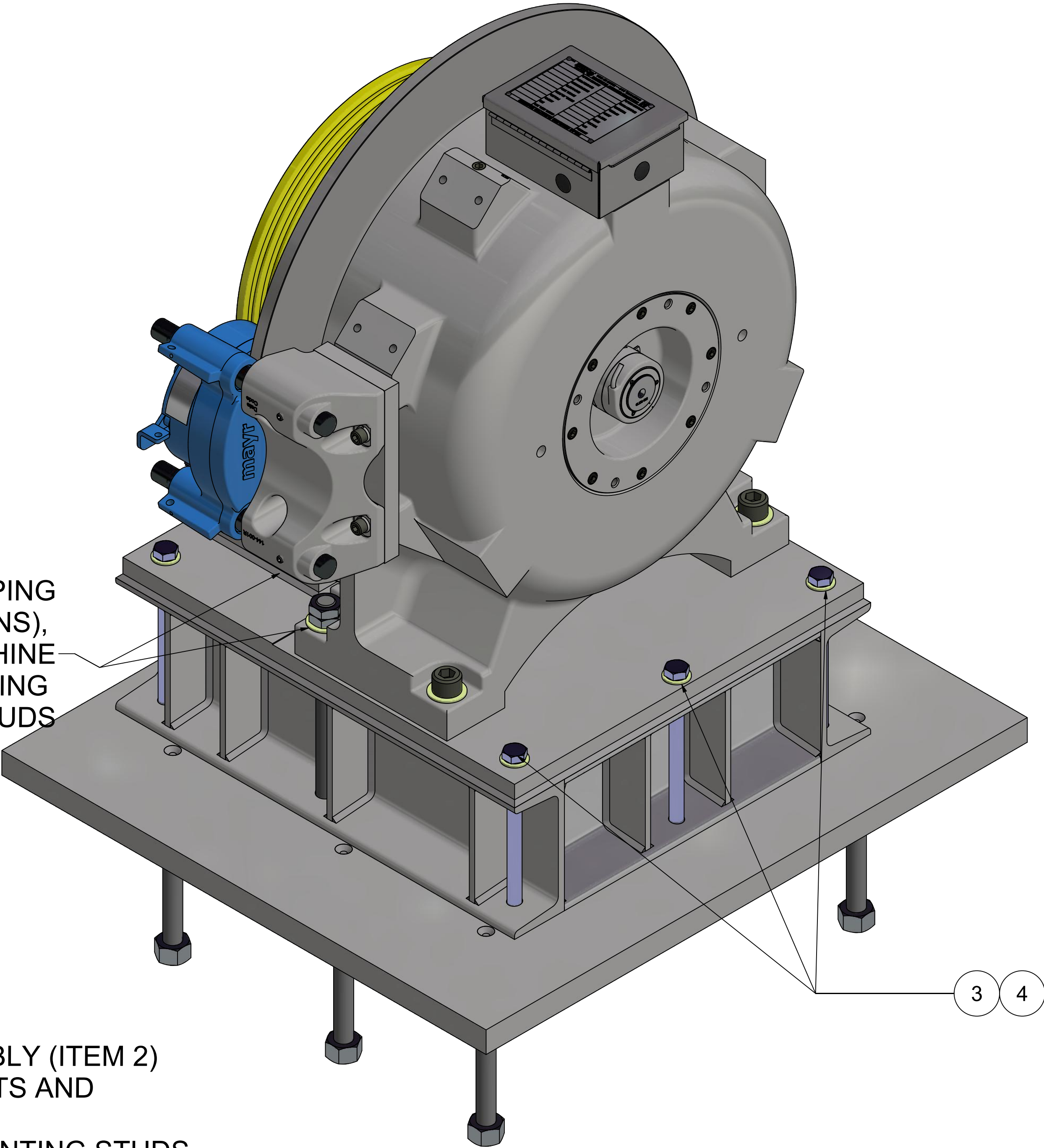
(C)



REMOVE 3/4" SHIPPING
BOLT (LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

REMOVE 3/4" SHIPPING
BOLT (LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
2) REMOVE FOUR (4) 3/4" SHIPPING BOLTS AND DISCARD
3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")

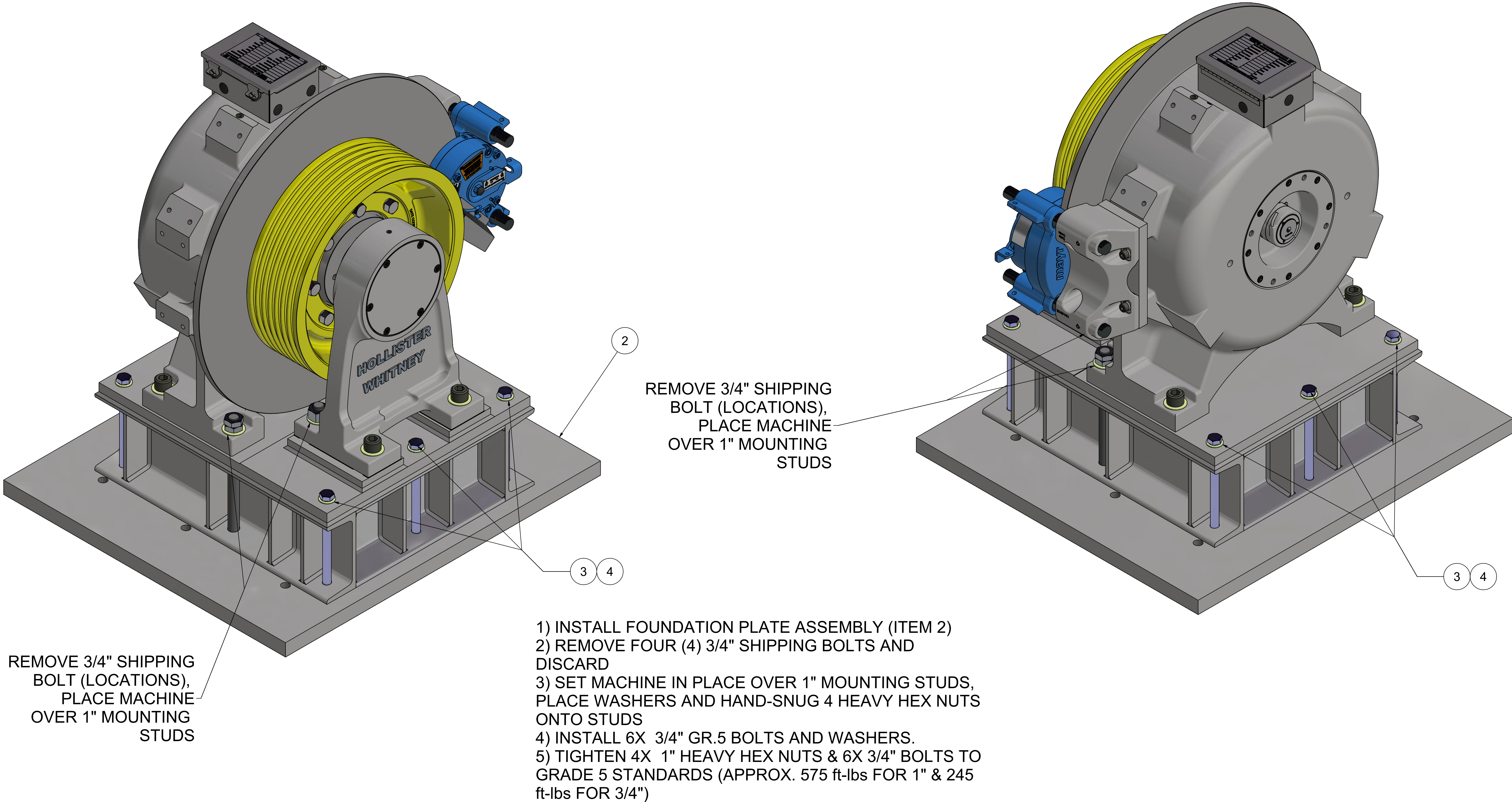


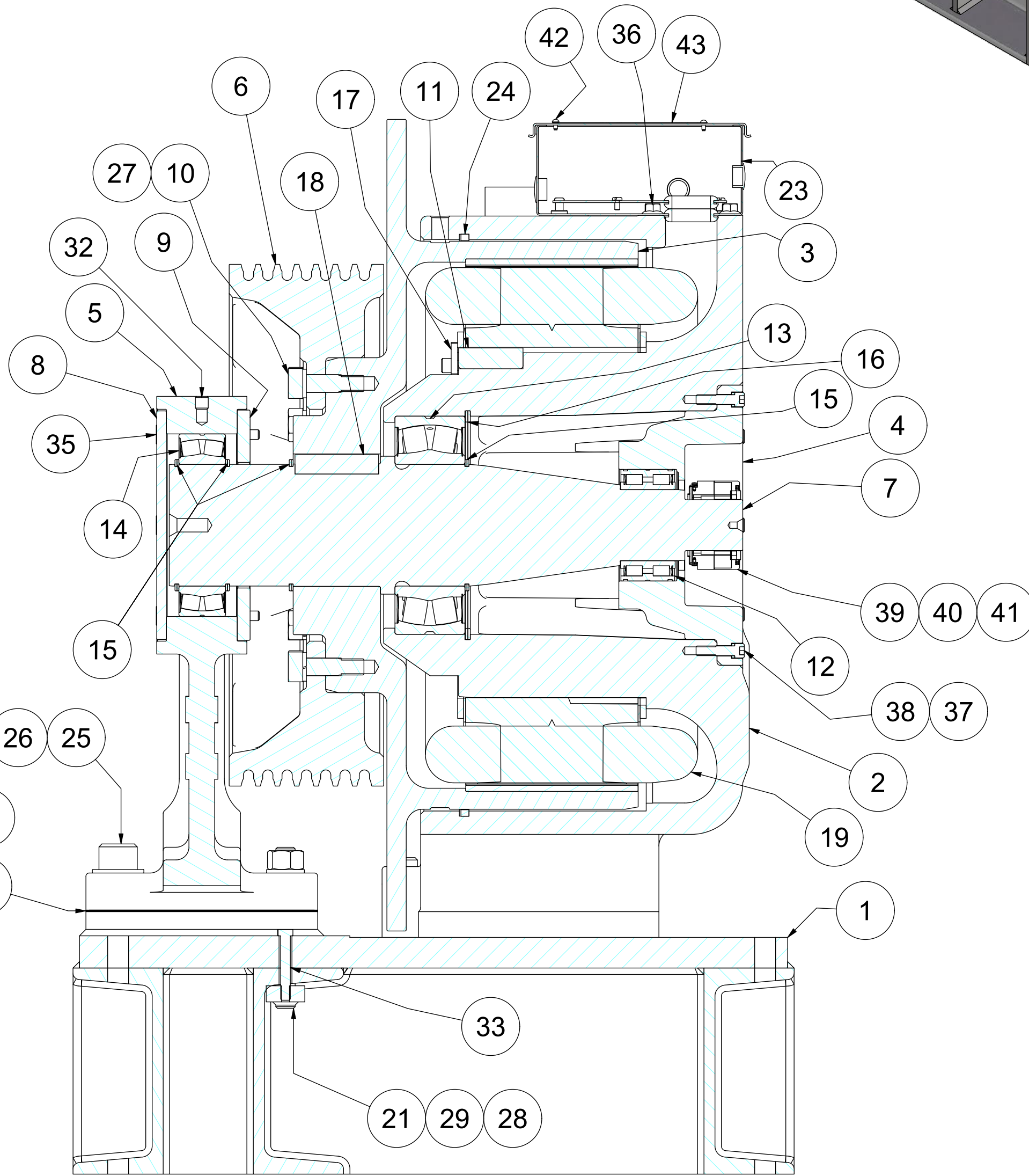
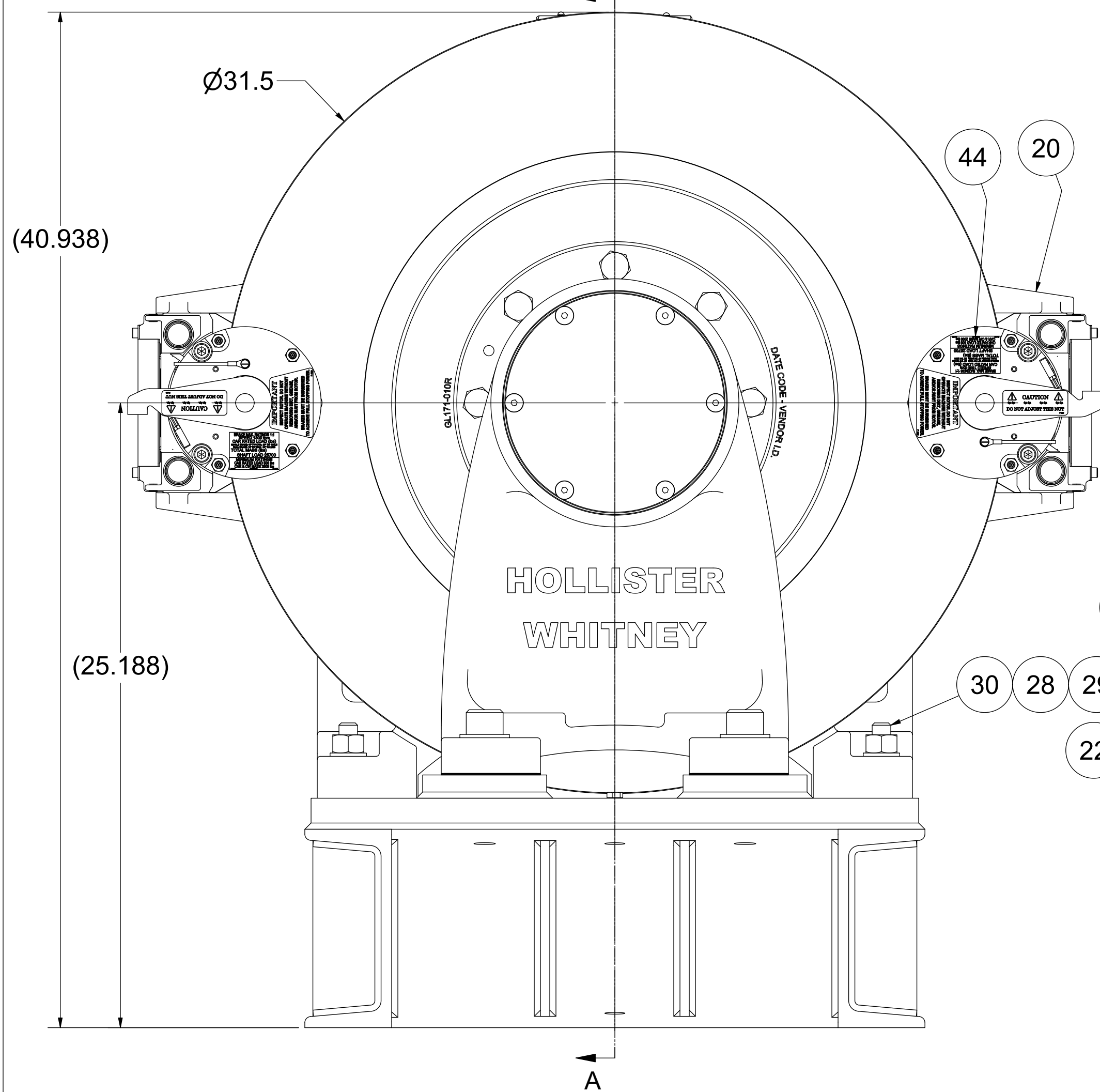
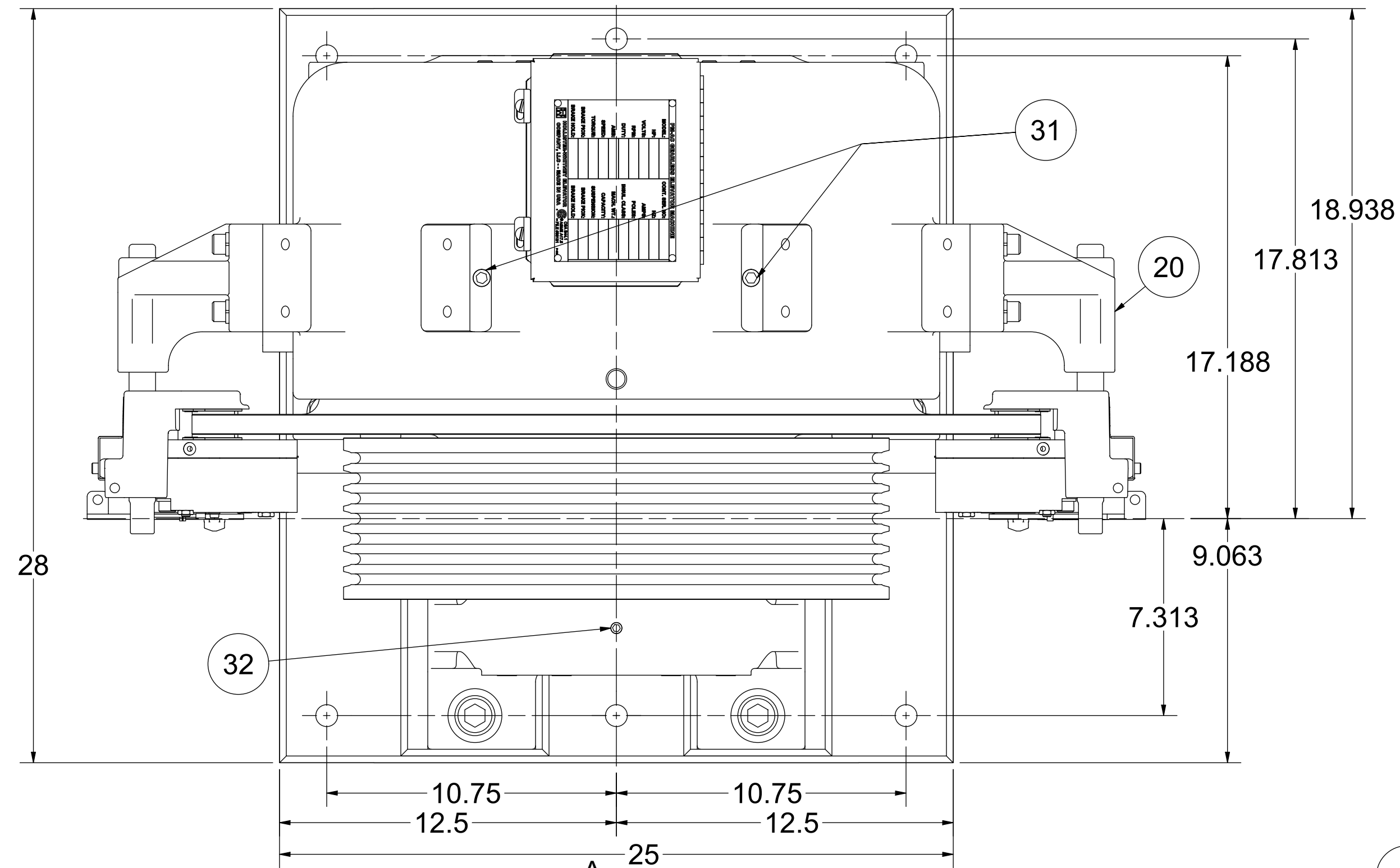
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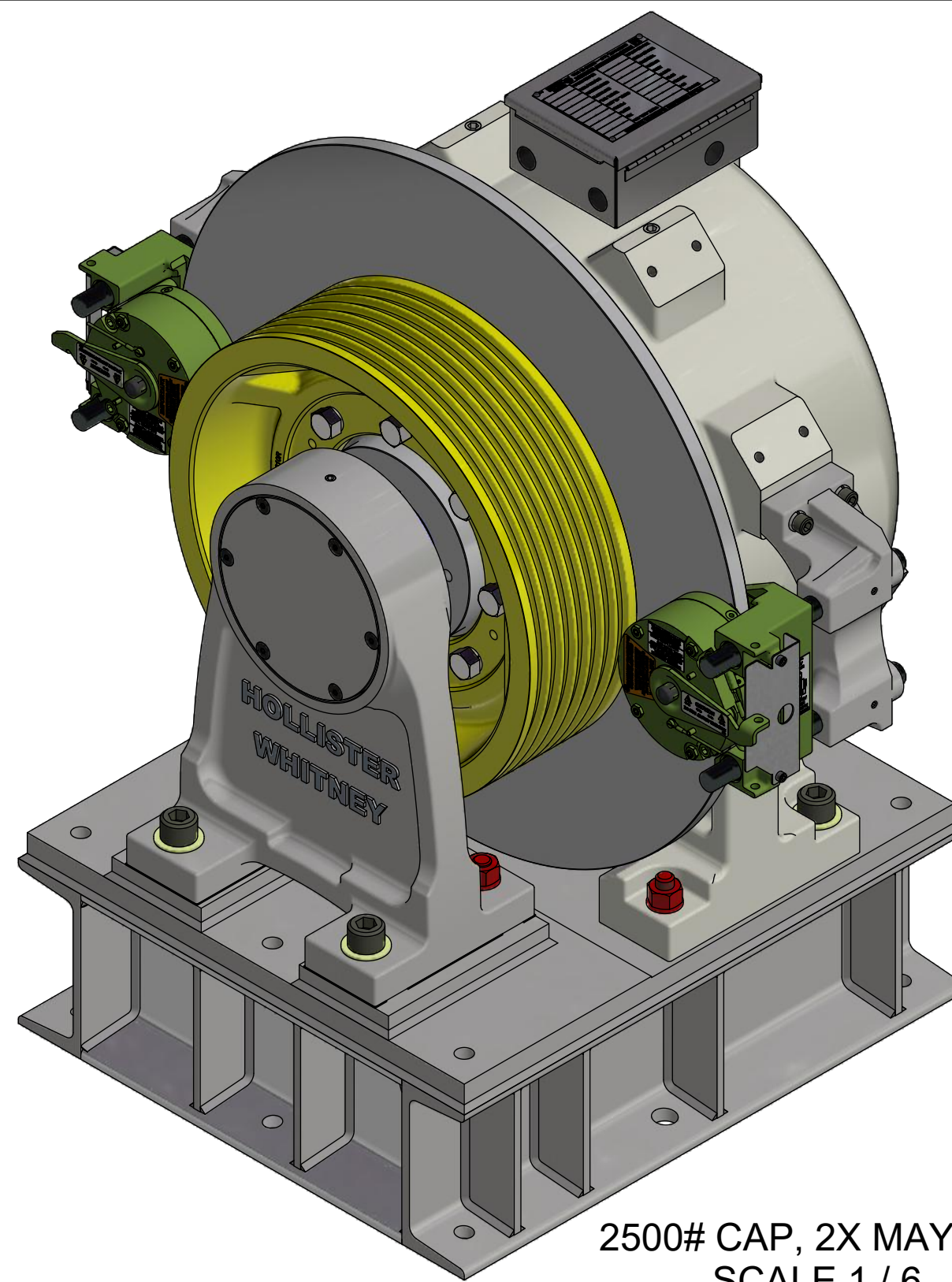
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL131BS	GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @ 40% CB 1:1 ROPED	2310.037 lbmass
2	1	GL171BS-156A	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	560.928 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

SUPPLIED FOUNDATION PLATE FOR
SECURING TO EXISTING STRUCTURE

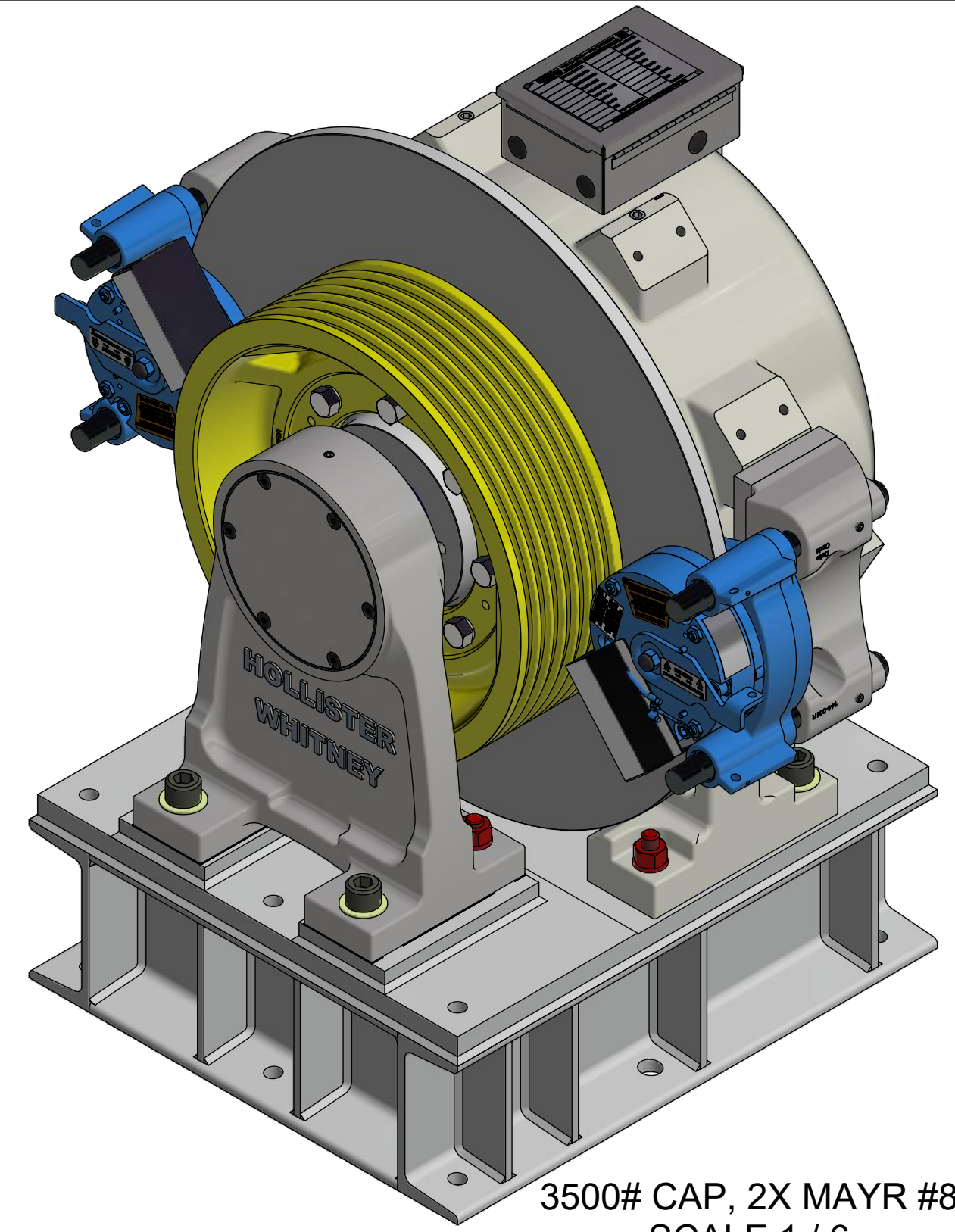




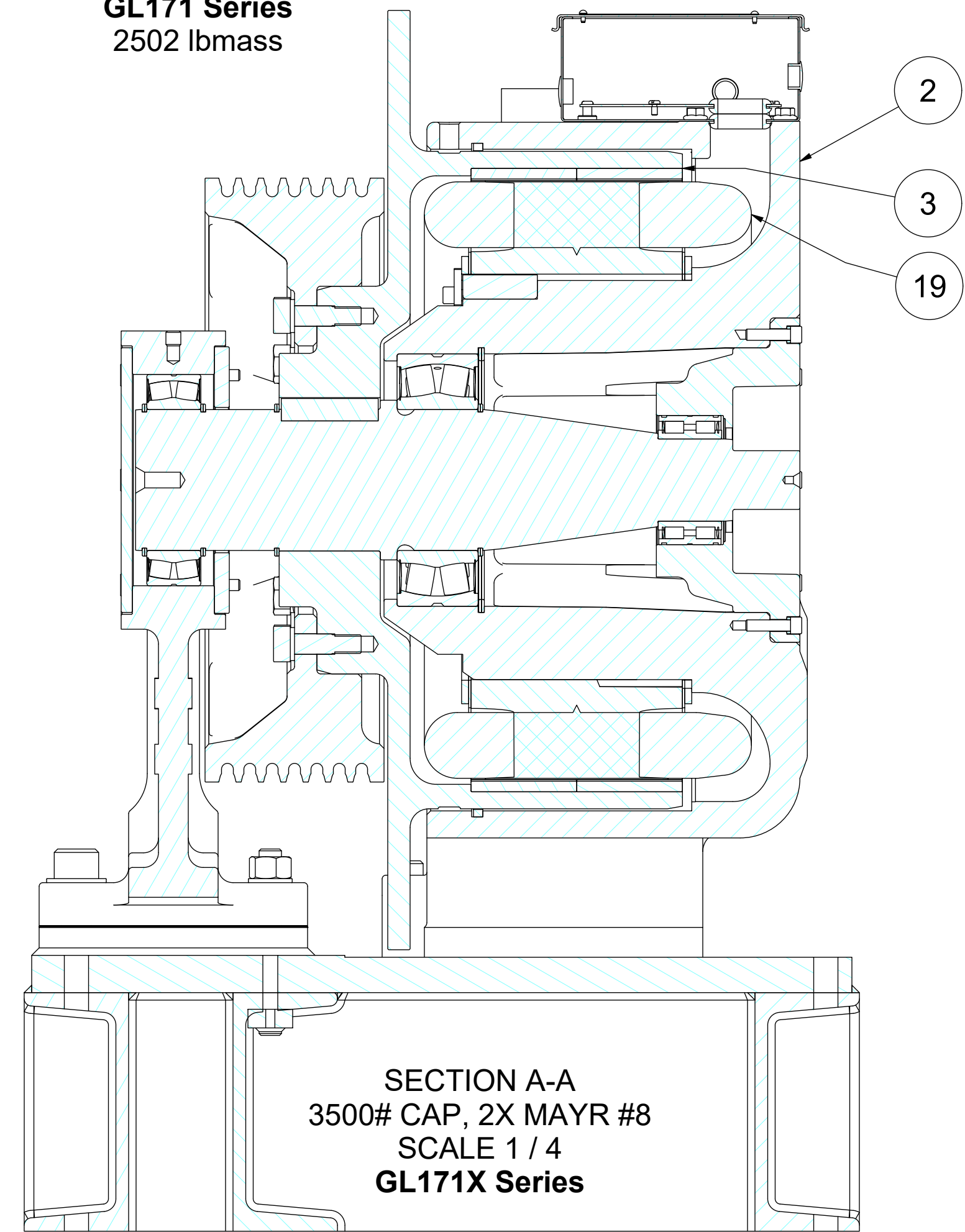
SECTION A-A
2500# CAP, 2X MAYR #6
SCALE 1 / 4
GL171 Series



2500# CAP, 2X MAYR #6
SCALE 1 / 6
GL171 Series
2502 lbmass

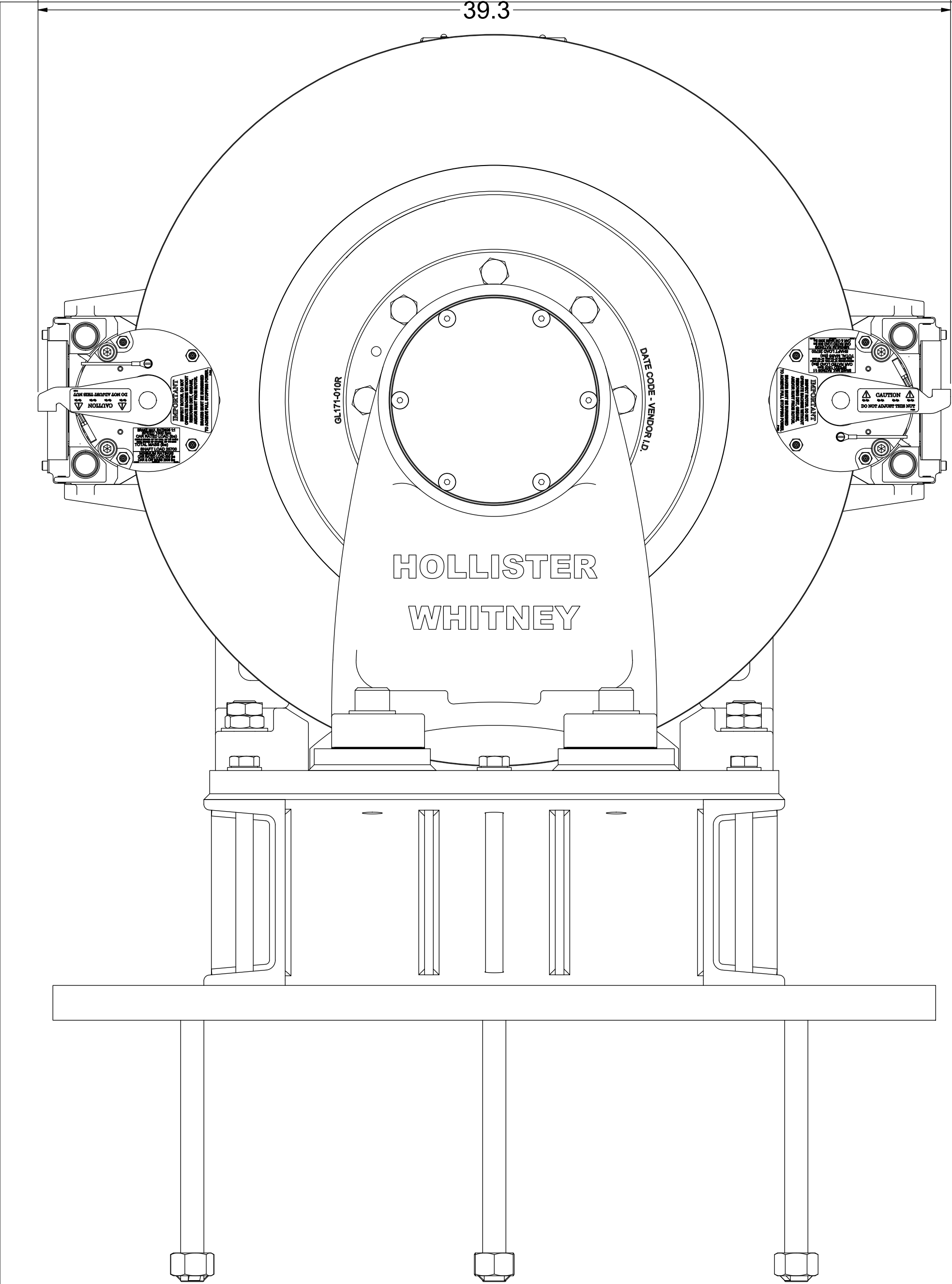


3500# CAP, 2X MAYR #8
SCALE 1 / 6
GL171X Series
2643 lbmass



SECTION A-A
3500# CAP, 2X MAYR #8
SCALE 1 / 4
GL171X Series

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DRAWN BY LTL		SCALE 1 / 4		MATERIAL SEE PARTS LIST		DATE 9/26/2013		SHEET SIZE D		GL171BS SHEET 1 OF 4	
THIRD ANGLE PROJECTION		WEIGHT: SEE VARIOUS VIEWS									

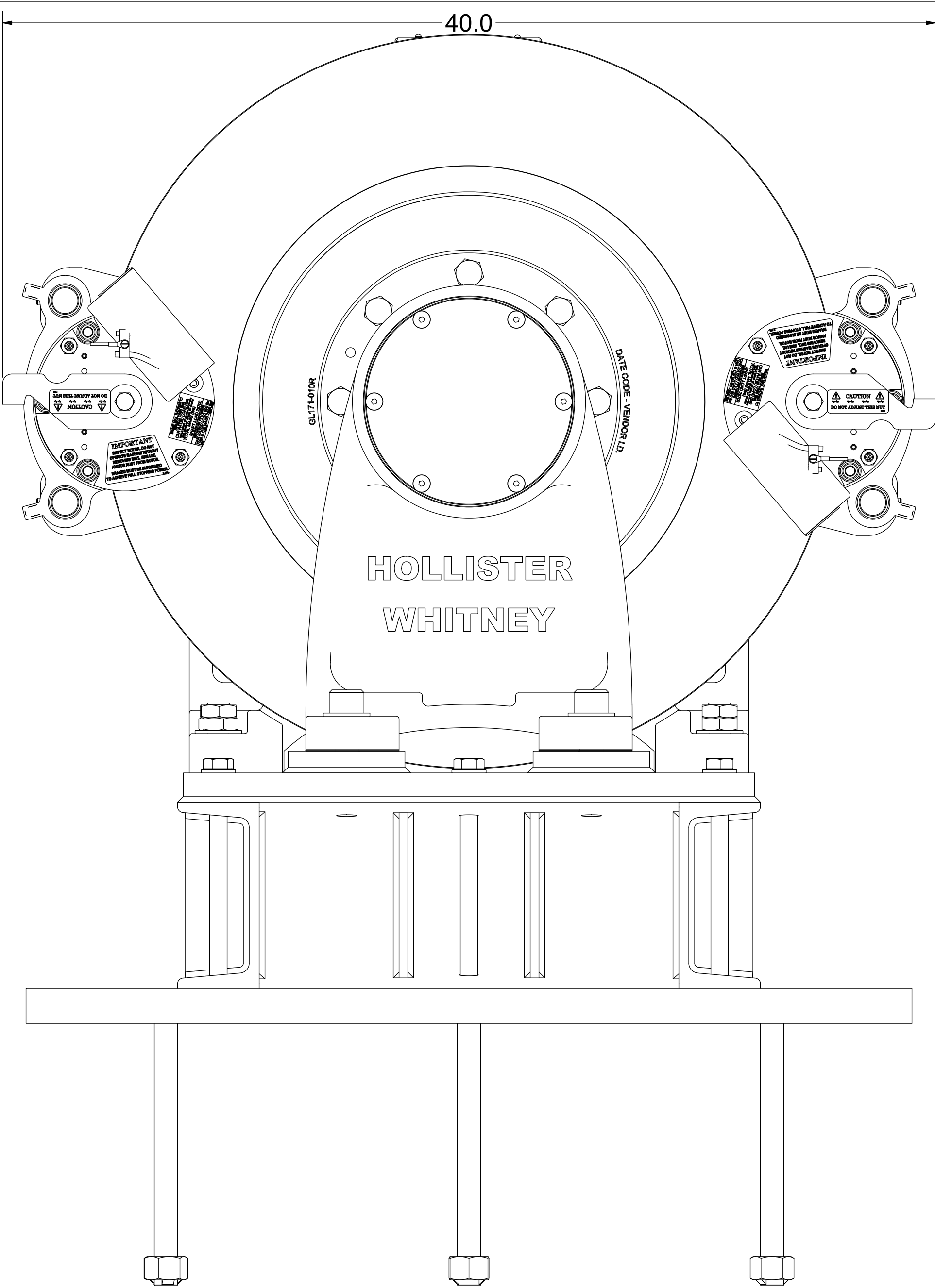


2500# CAP, 2X MAYR #6, GL171 Series
SCALE 1 / 4
3091 lbmass

1.
2.
- SHOWN WITH FOUNDATION PLATE FOR NEW-POUR,
ANCHOR BOLTS INCLUDED
- FOUNDATION PLATE FOR SECURING TO EXISTING
STRUCTURE SIMILAR, ANCHOR BOLTS NOT INCLUDED

THESE APPLICATIONS USING WINDINGS DESIGNED FOR 1:1											
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (rpm)	ROPED 1:1			ROPED 2:1		
						CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)	CAR SPEED 20" (fpm)	CAR SPEED 15.75" (fpm)	CAR SPEED 15" (fpm)
GL171-20L	GL171-170-200	87	170	170	38.2	200	158	150	100	79	75
GL171-20H	GL171-360-200	87	170	360	38.2	200	158	150	100	79	75
GL171X-35H	GL181-380-350	87	170	380	66.8	350	276	263	175	138	131
GL171-40L	GL171-170-400	87	170	170	76.4	400	315	300	200	158	150
THESE APPLICATIONS USING WINDINGS DESIGNED FOR 2:1											
GL171-70L	GL170-170-350	93.9	170	170	178.3	ROPED 1:1			ROPED 2:1		
						933	735	700	467	368	350
GL171-70H	GL170-360-350	94	170	360	178.3	933	735	700	467	368	350

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171BS-01	FINISHING BASE, BASEMENT SET, GL131 & GL171
2	1	GL170-001	BASE HOUSING, MOTOR #GL170
		GL180-001	BASE HOUSING, MOTOR #GL181
3	1	GL171-002	ROTOR ASSEMBLY, MOTOR #GL170, TO 2500# CAP 50% CB
		GL181-002	ROTOR ASSEMBLY, MOTOR #GL181, TO 3500# CAP 50% CB
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
6	1	GL171-010	20" TRACTION SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL171-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL100-089	Bearing, Sealed Double Row Cylindrical Roller
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	4	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL171-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL181-100	WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELOW
		GL171-100	WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELOW
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL.) SEE BELOW
20	1	GL130-144	DISC BRAKE (MAYR #8) -- THRU 1875# CAP 50% CB
	2	GL100-146	DISC BRAKE (MAYR #6) -- 1876# TO 2500# CAP 50% CB
	2	GL130-144	DISC BRAKE (MAYR #8) -- 2501# TO 3500# CAP 50% CB
21	1	GL171BS-156-5	SHIPPING BOLT
22	As Nec.	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
		GL171-157-10	OUTBOARD STAND SHIM STOCK - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
23	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
24	1	GL100-165	FELT DUST SEAL
25	4	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
26	4	1" WASHER	SAE WASHER
27	8	M18 LOCKWASHER-DIN 127B	HELICAL SPRING LOCK WASHER - BODY BOLT
28	6	3/4 WASHER	SAE WASHER
29	4	3/4 - 10 UNC	HEAVY HEX NUT
30	2	3/4-10 X 5"	HEX HEAD BOLT
31	2	3/4-10 UNC x 0.75	Hexagon Socket Set Screw - Flat Point
32	1	1/2-13 UNC x 0.5	Hexagon Socket Set Screw - Flat Point
33	1	3/8-16 X 2.5"	HEX HEAD BOLT
34	3	3/8 - 16 UNC - 1"	Hexagon Socket Head Cap Screw
35	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
36	4	3/8-16 UNC x 0.625	Hex Flange Screw - Regular Thread - Inch
37	8	0.375 WASHER	CAP SCREW LOCK WASHER
38	8	3/8 - 16 UNC - 1.5"	Hexagon Socket Head Cap Screw
39	4	#8 WASHER	INT. TOOTH LOCKWASHER
40	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
41	1	ENC-113	ID# 81800-61 2048PPR 50mm HEIDENHAIN ENCODER
42	4	#6 U x 0.3125	DRIVE SCREW
43	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
44	1 or 2	P-242	TAG, GL171 & GL181 - BRAKE RATINGS FOR MAYR #8
	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6



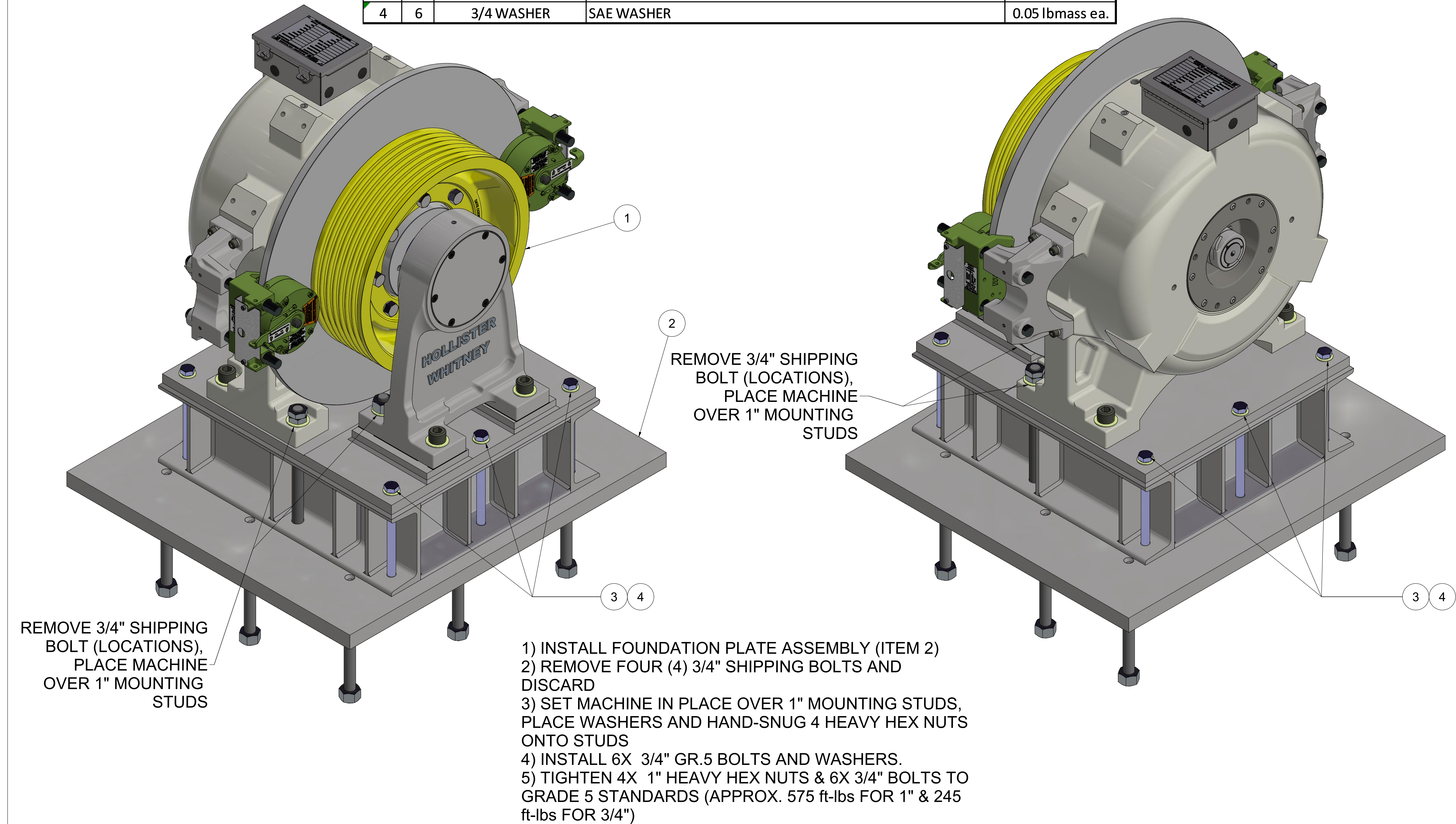
3500# CAP, 2X MAYR #8, GL171X Series
SCALE 1 / 4
3232 lbmass

	TRACTION WHEEL	ROPING	COUNTER BALANCE %					BRAKES REQUIRED
			50	47.5	45	42.5	40	
			CAPACITY (LBS)					
GL171-70	20"	1:1	1875	1775	1700	1625	1550	1X MAYR #8
		2:1	3750	3550	3400	3250	3125	
GL171-40 GL171-20	20"	1:1	2500	2400	2325	2250	2200	2X MAYR #6
		2:1	5000	4825	4675	4525	4400	
GL171X-35	20"	1:1	3500	3325	3175	3025	2900	2X MAYR #8
		2:1	7000	6650	6350	6050	5800	

HOLLISTER-WHITNEY ELEVATOR CO. LLC			
TITLE GEARLESS MACHINE, BASEMENT SET ASSEMBLY		THIRD ANGLE PROJECTION	
DRAWN BY LTL		SCALE 1 / 4	MATERIAL SEE PARTS LIST
SHEET SIZE D		DATE 9/26/2013	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED GL171BS SHEET 2 OF 4

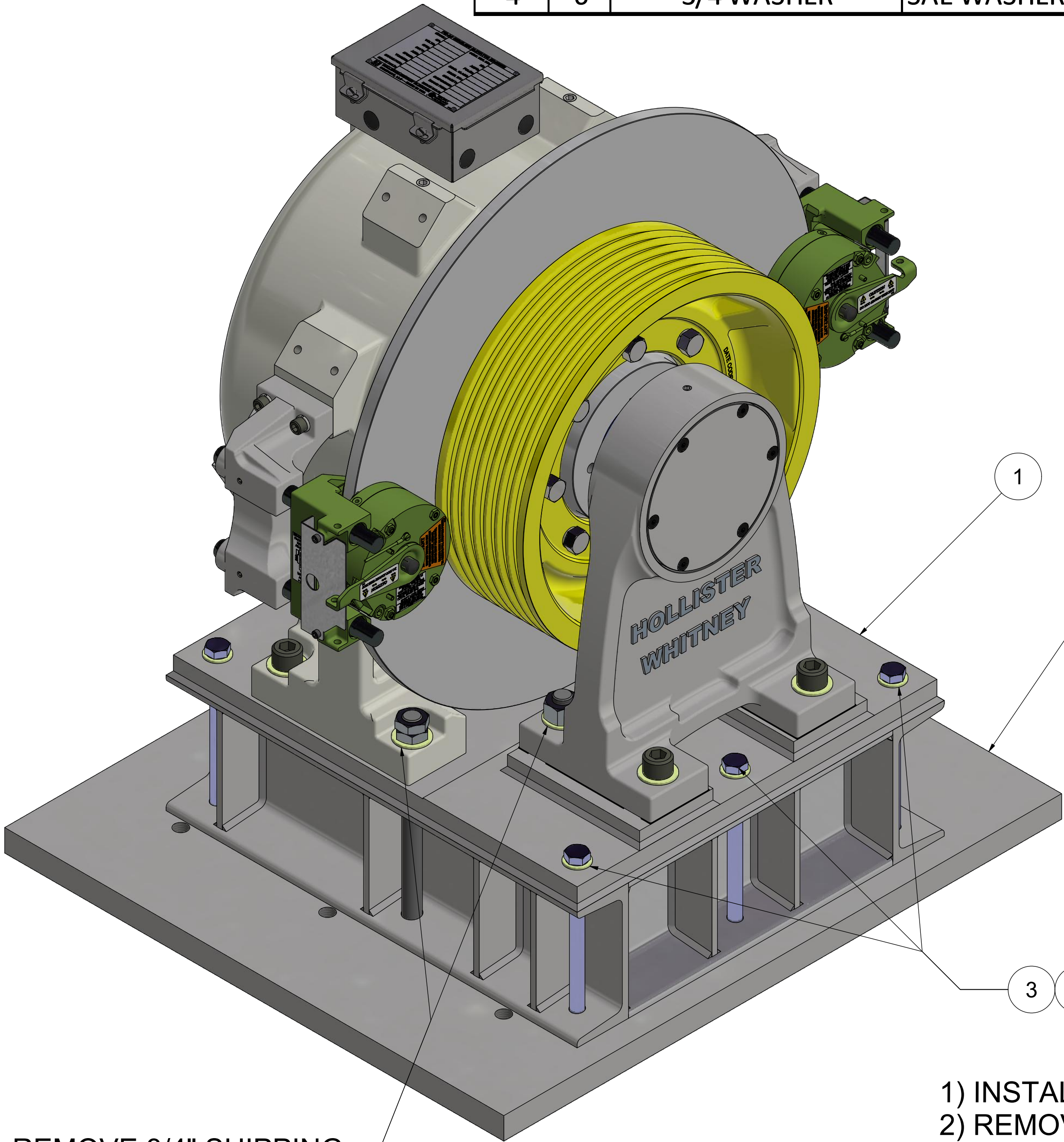
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL171BS	GEARLESS MACHINE, 2500# MAX CAP. 1:1 ROPED	2495 lbmass
		GL171XBS	GEARLESS MACHINE, 3500# MAX CAP. 1:1 ROPED	2636 lbmass
2	1	GL171-BS-156	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	587 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.5 lbmass ea.
4	6	3/4 WASHER	SAE WASHER	0.05 lbmass ea.

1. SUPPLIED FOUNDATION PLATE FOR NEW-POUR
2. SHOWN WITH 2500# GL171 Series MACHINE. 3500# GL171X Series MACHINE SIMILAR



ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL171BS	GEARLESS MACHINE, 2500# MAX CAP. 1:1 ROPED	2495 lbmass
		GL171XBS	GEARLESS MACHINE, 3500# MAX CAP. 1:1 ROPED	2636 lbmass
2	1	GL171BS-156A	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	561 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.5 lbmass ea.
4	6	3/4 WASHER	SAE WASHER	0.05 lbmass ea.

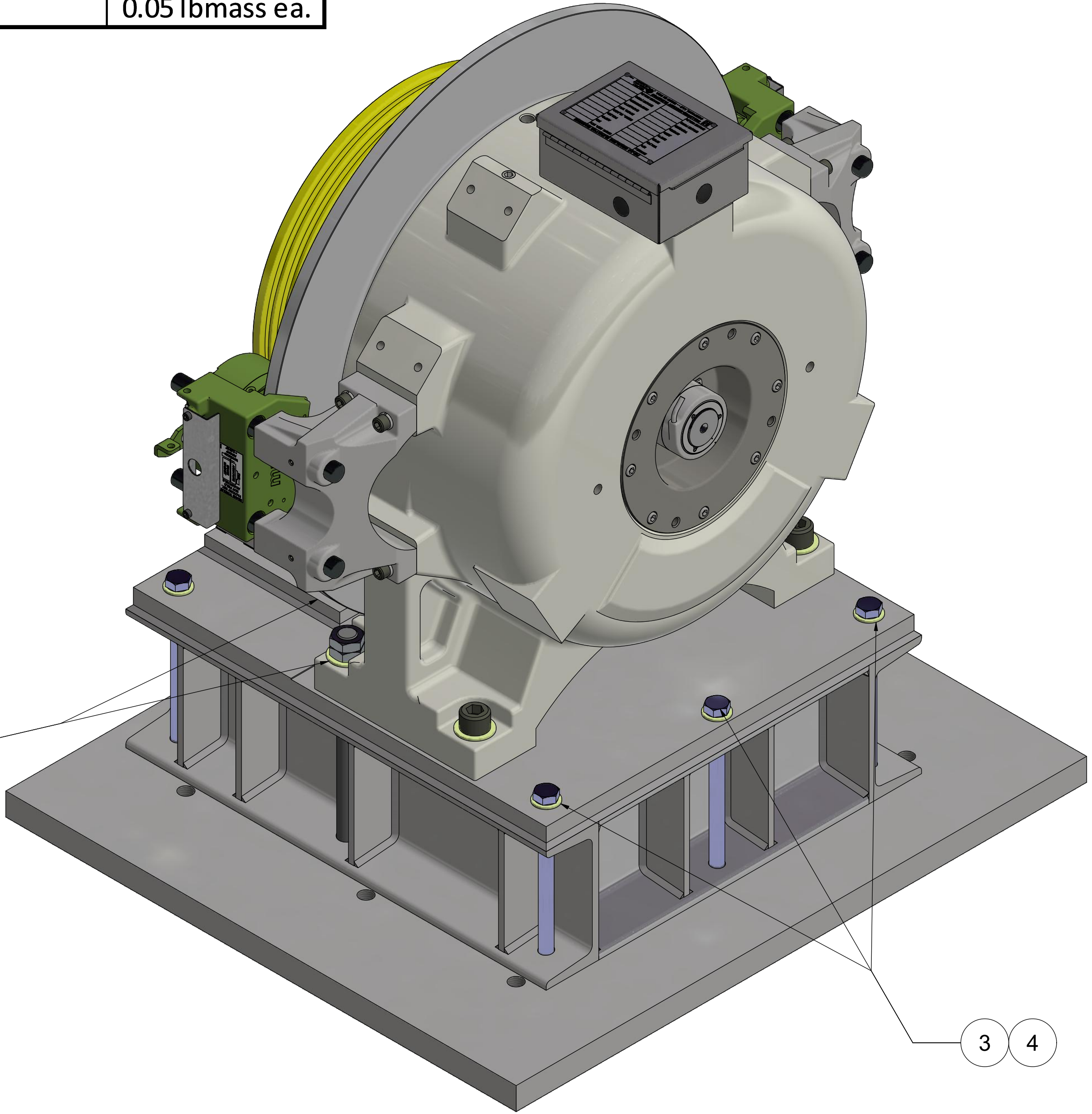
1. SUPPLIED FOUNDATION PLATE FOR SECURING TO EXISTING STRUCTURE
2. SHOWN WITH 2500# GL171 Series MACHINE. 3500# GL171X Series MACHINE SIMILAR



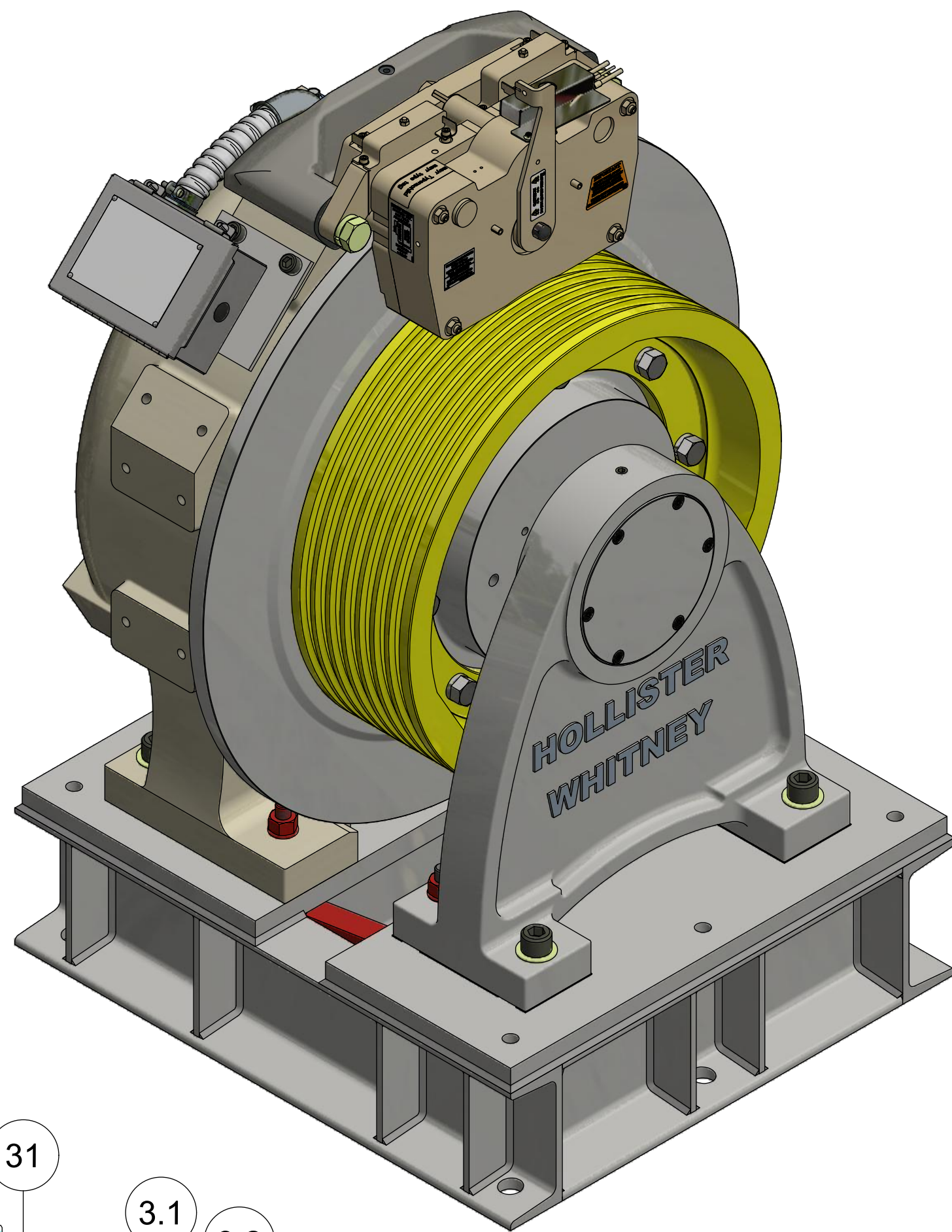
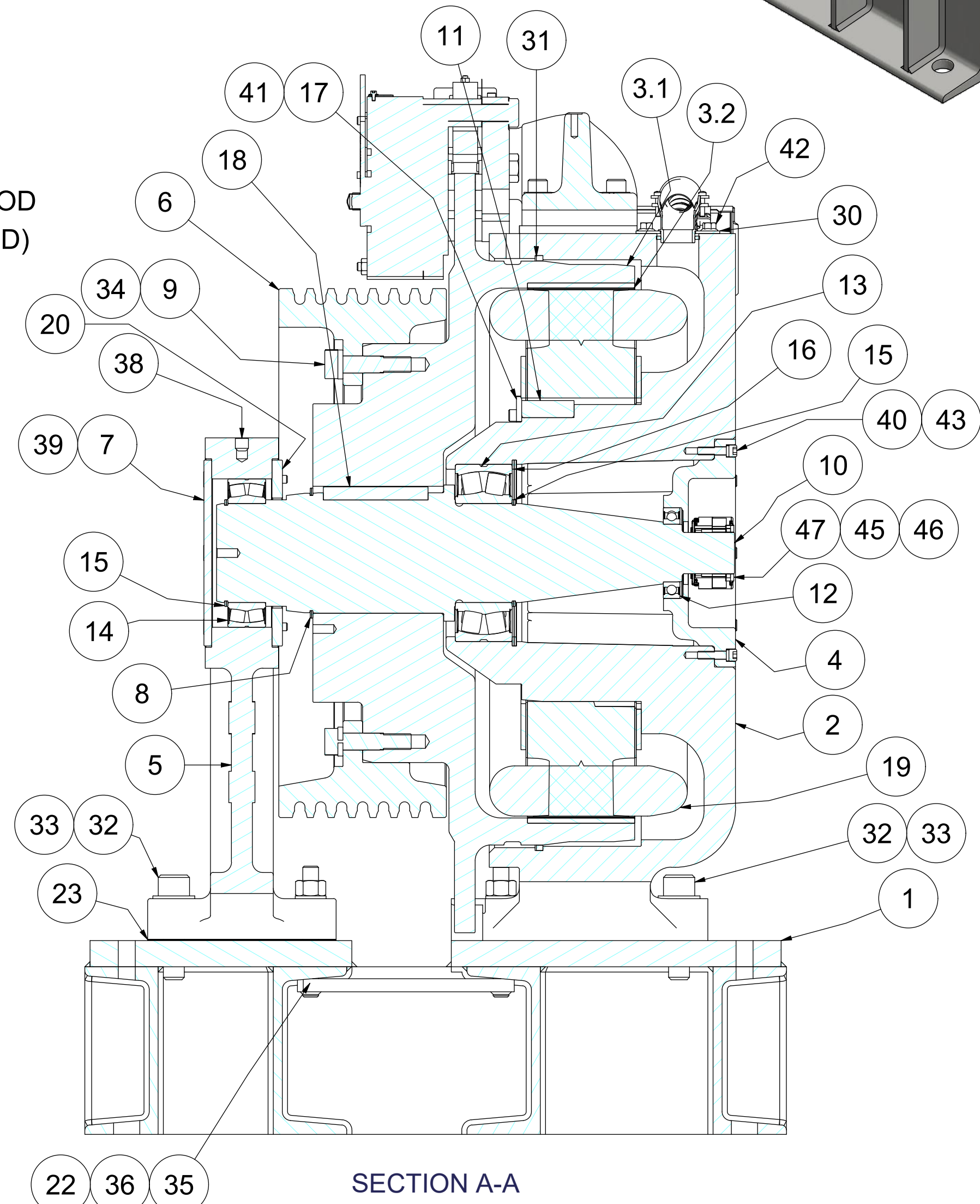
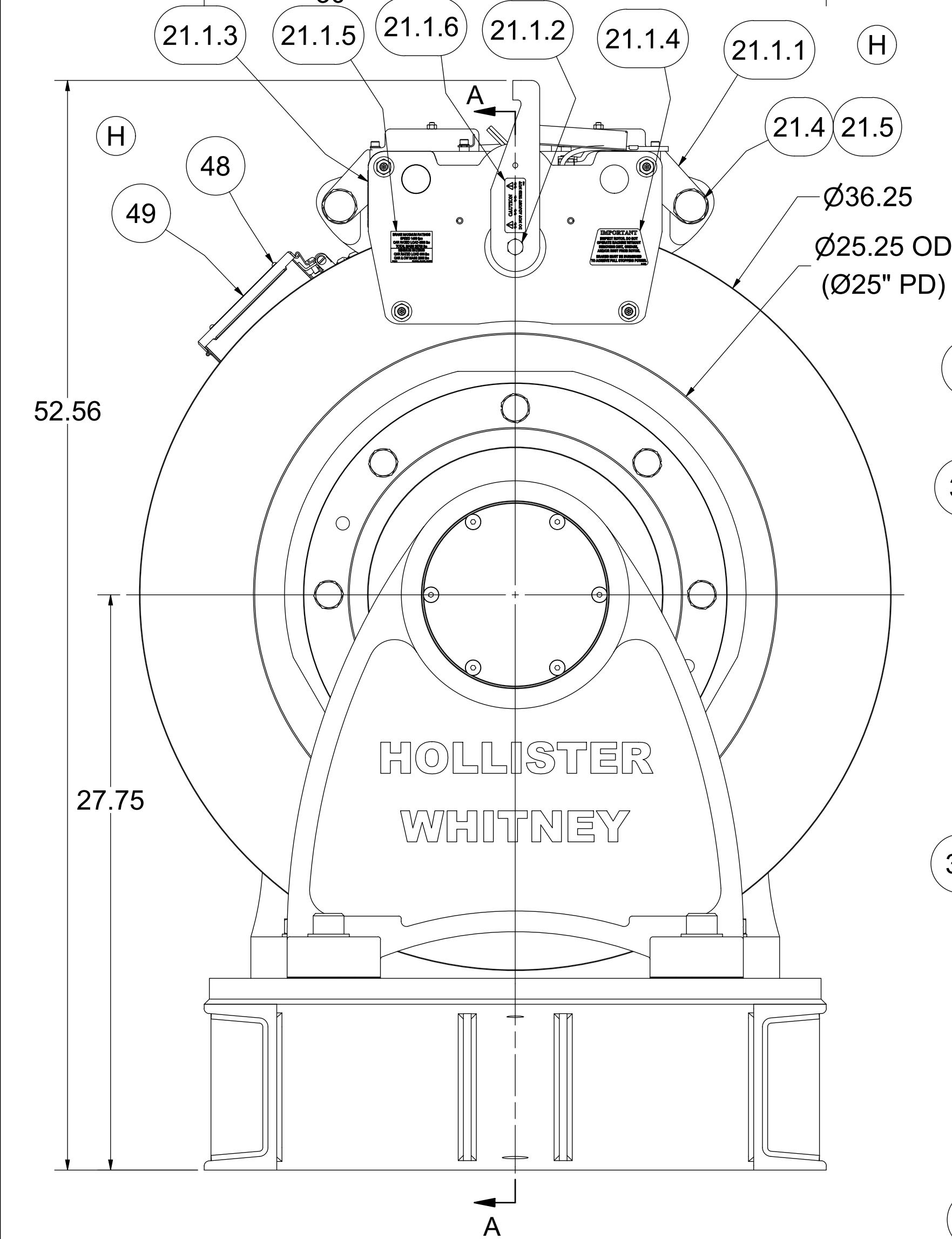
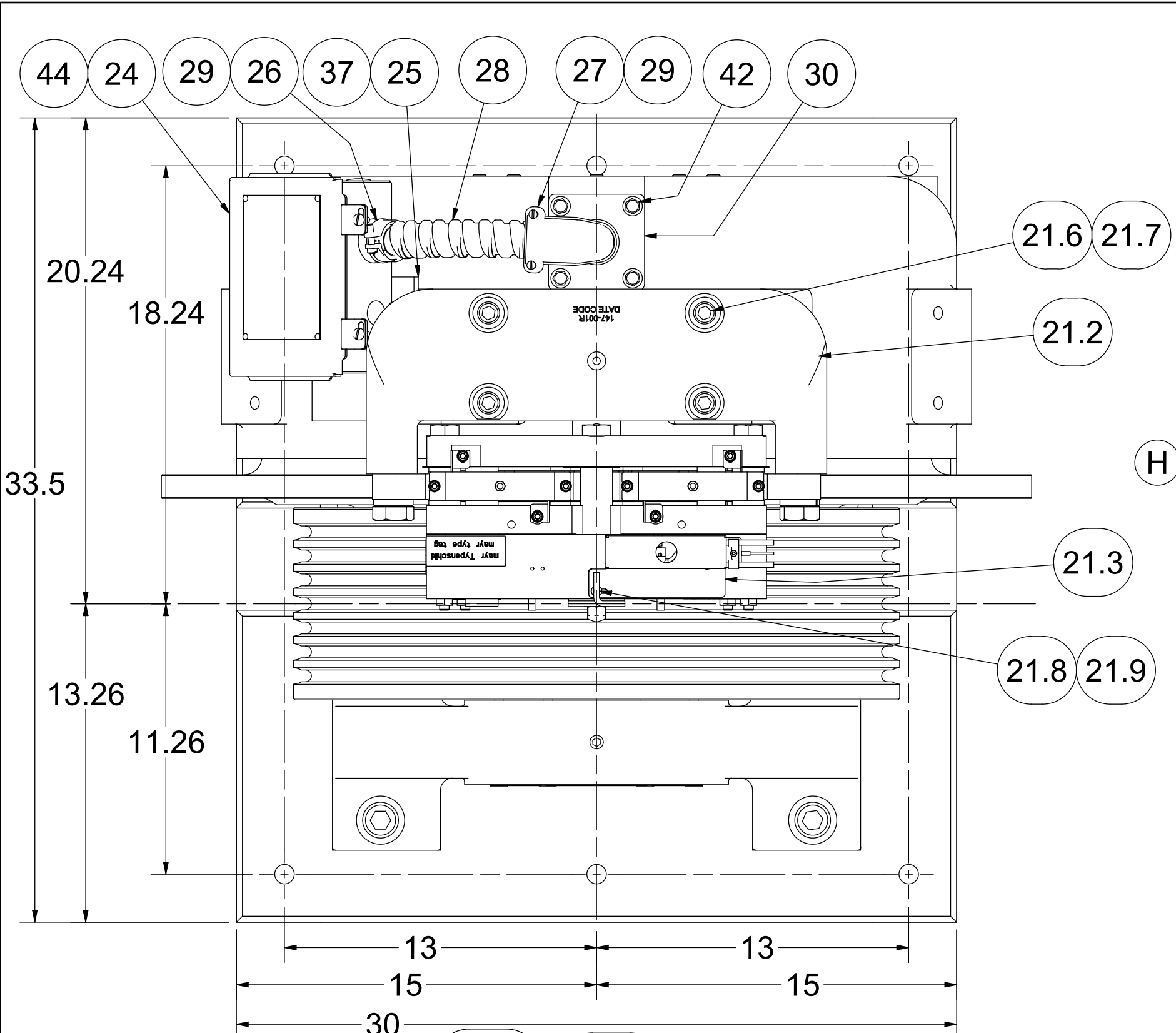
REMOVE 3/4" SHIPPING
BOLT (LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

REMOVE 3/4" SHIPPING
BOLT (LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
- 2) REMOVE FOUR (4) 3/4" SHIPPING BOLTS AND DISCARD
- 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
- 4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
- 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")




3 4



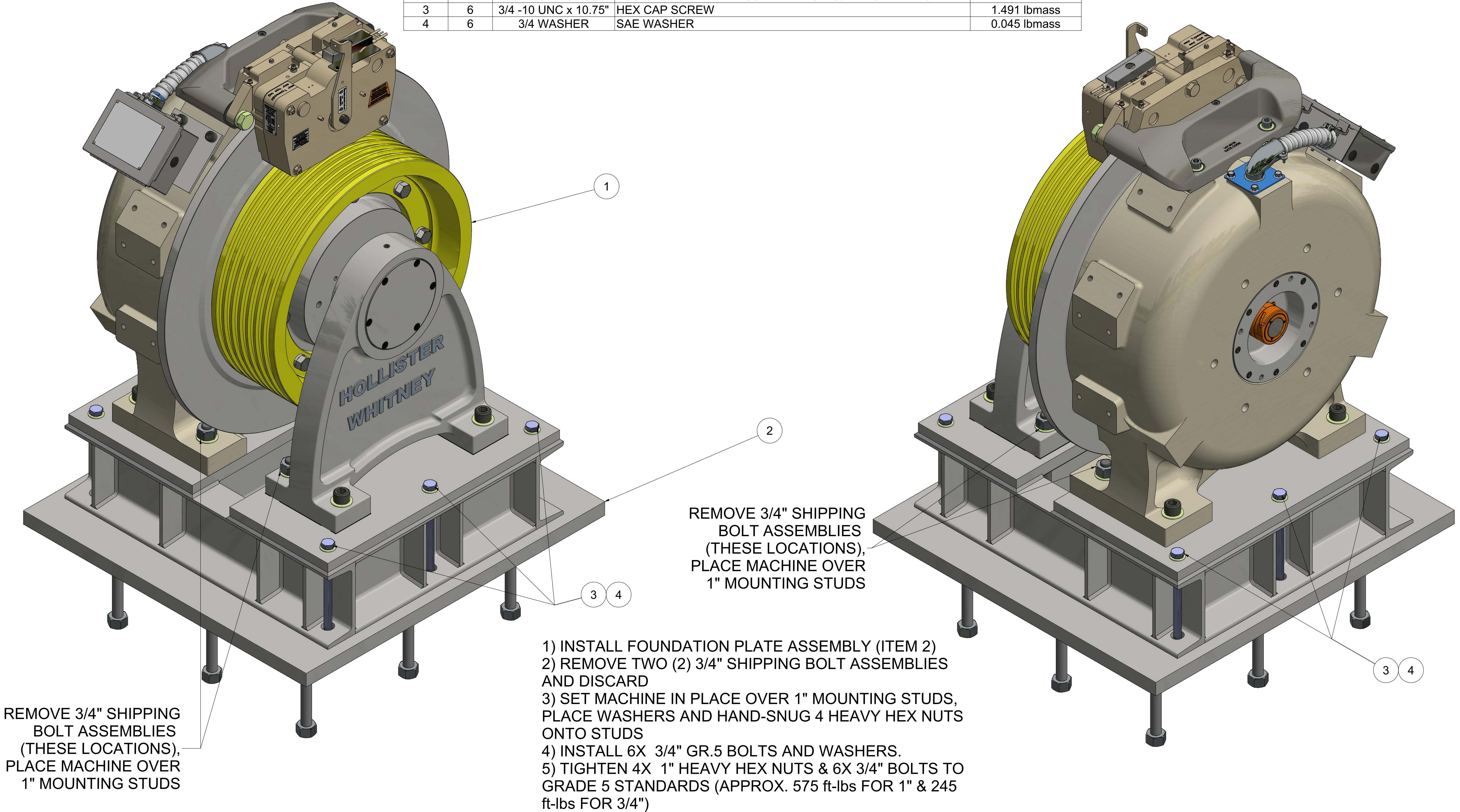
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL130ABS-01	FINISHING BASE, BASEMENT SET, GL130A
2	1	GL130A-001	BASE HOUSING, MOTOR #GL130A
3	1	GL130A-002	ROTOR ASSEMBLY - #GL130A, 25" T.S.
3.1	1	GL130A-004	ROTOR - GL130A, 25" T.S.
3.2	40	GL260-099	PERMANENT MAGNET - #GL260 & GL130A MOTORS
4	1	GL130A-005	BEARING CAP
5	1	GL185-006	OUTBOARD STAND, AC GEARLESS
6	1	GL185-008	SHEAVE, 25"
7	1	GL185-019	END CAP
8	1	GL185-020	RETAINING RING - ROTOR
9	8	GL185-073	BODY BOLT
10	1	GL130A-018	MAIN SHAFT - GL130A 1:1 MACHINE
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	2	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL185-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL130A-100	WINDING ASSEMBLY - 40 POLE
20	1	GL185-104	CAP
21	1	GL185-147	DISC BRAKE (MAYR 10.1) ASSEMBLY
21.1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
21.1.6	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	147-001	BRAKE BASE - LARGE FRAME GL MACHINE
21.3	1	147-003	COVER - MAYR #10.1 (GL185-147) ELECTRICAL
21.4	2	1-8 UNC - 3.5	Hex Cap Screw
21.5	2	1" WASHERS	Helical Spring Lock Washers
21.6	4	5/8-11 UNC - 2.5	SOCKET HEAD CAP SCREW
21.7	4	5/8 WASHER	SAE WASHER
21.8	1	M4 x 0.7 x 8 mm	SHCS - METRIC
21.9	1	#8 WASHER	STANDARD WASHER
21.10	AS	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
21.10	NEC	143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
22	2	GL130A-BS-156-5	SHIPPING BOLT
23	AS	GL185-157-05	OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.
23	NEC	GL185-157-10	OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.
23	NEC	GL185-157-31	OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.
24	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
25	1	GL130A-159-12	MOUNTING PLATE
26	2	GL100-159-13	1-1/4 STRAIGHT BOX CONNECTOR (FLEXCON) - REF P/N BRID412DC2
27	1	GL130A-159-13-1	1-1/4 90° BOX CONNECTOR (FLEXCON)
28	1	GL100-159-14	1-1/4 FLEX CONDUIT - REF. P/N GRF A114
29	2	GL100-159-15	1-1/4 ANTI SHORT BUSHING - REF. P/N THOMAS & BETTS CO. #425
30	1	GL100-159-16	BOX CONNECTOR PLATE
31	1	GL100-165-1	FELT DUST SEAL
32	4	1-8 UNC x 4	SOCKET HEAD CAP SCREW
33	4	1" WASHER	SAE WASHER
34	8	13/16 WASHER	HEAVY LOCK WASHER
35	4	3/4 UNC NUT	HEAVY HEX NUT
36	4	3/4 WASHER	SAE WASHER
37	2	5/8-11 UNC x 1	SOCKET HEAD CAP SCREW
38	1	5/8-11 UNC x 0.625	HALF DOG SET SCREW
39	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
40	8	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
41	3	3/8 - 16 UNC x 1.25	SOCKET HEAD CAP SCREW
42	4	3/8 - 16 UNC x 0.5	WHIZ BOLT
43	8	3/8 WASHER	SOCKET HEAD CAP SCREW LOCK
44	4	1/4-20 UNC x 0.5	WHIZ BOLT
45	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
46	4	#8 LOCK WASHER	EXT. TOOTH LOCK WASHER
47	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
48	4	#6 U x 0.3125	DRIVE SCREW
49	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE

MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED 25" (fpm)
GL130A-20L	GL130A-170-200	90	130A/130	170	38.2	250
GL130A-20H	GL130A-360-200	90	130A/130	360	38.2	250
GL130A-40L	GL130A-170-400	91	130A/130	170	76.4	500

WEIGHT: 3938.3 lbmass												
		G	3X GL100-094-1 WAS 1X GL185-094, 3X 3/8x1HCS WAS 6X, REMOVE 6X 3/8 WASHERS, & UPDATE GL130A (1:1) WINDING CAPACITIES, PUR #1111		LTL 7/2/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC						
H	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260		LTL 1/7/20			TITLE	GEARLESS MACHINE, 2500# CAP w/25" TW; 1:1 ROPED, 50% CB					
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED BY WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.						THIRD ANGLE PROJECTION		DRAWN BY LTL 1/5		MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.								SHEET SIZE D		DATE 7/11/2013	G	GL130A-BS SHEET 1 OF 3

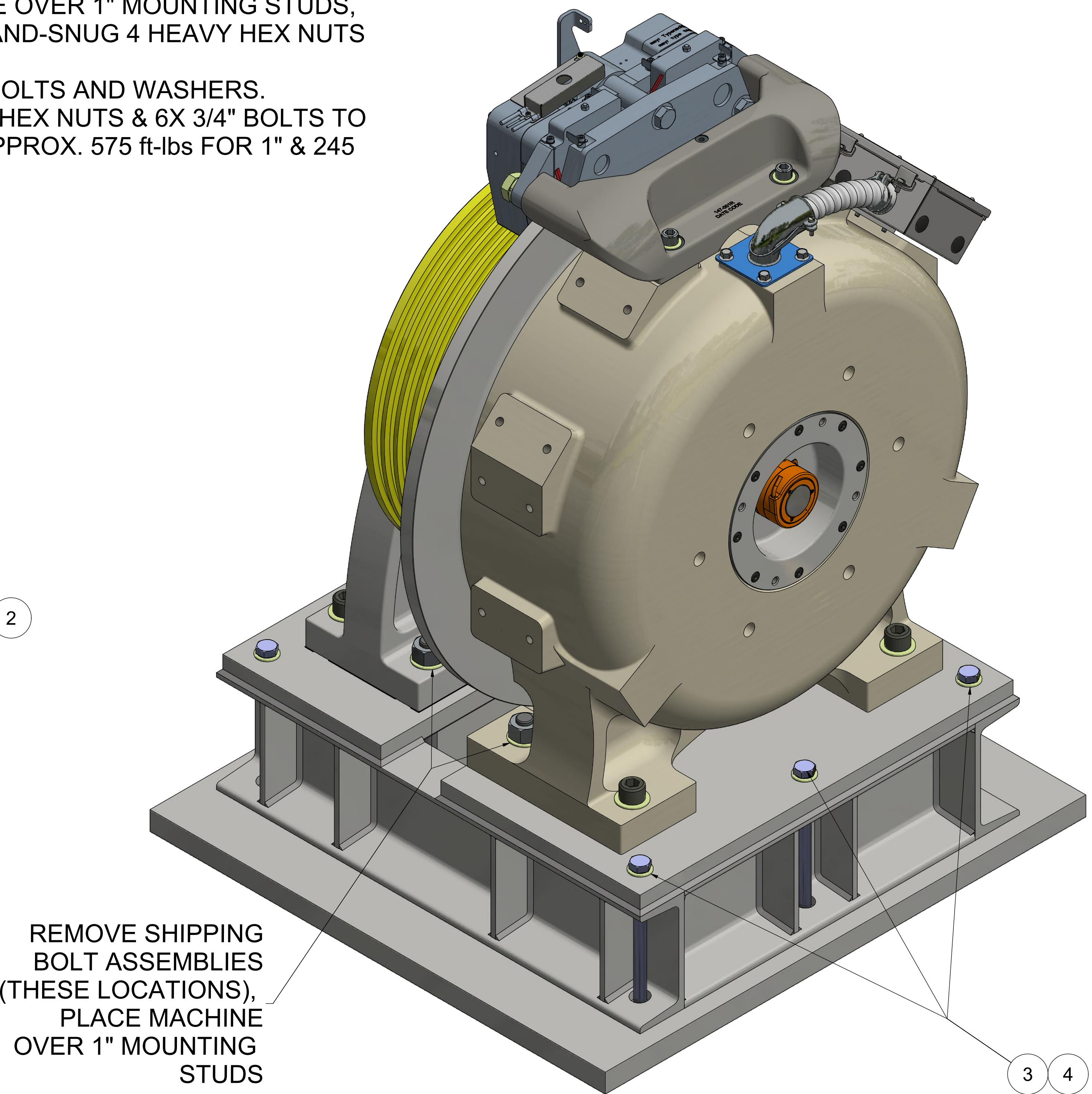
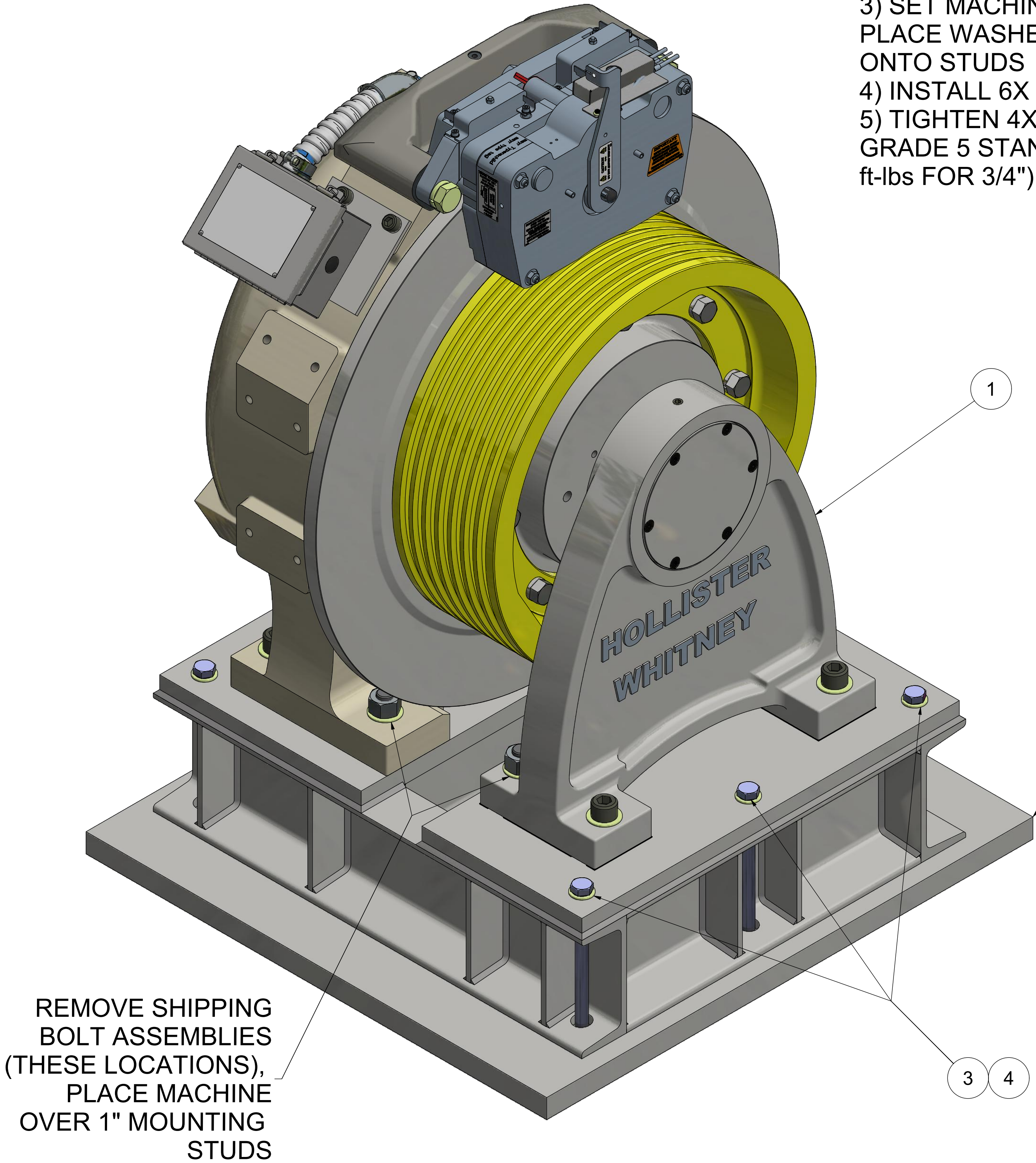
WEIGHT: 3938.3 lbmass

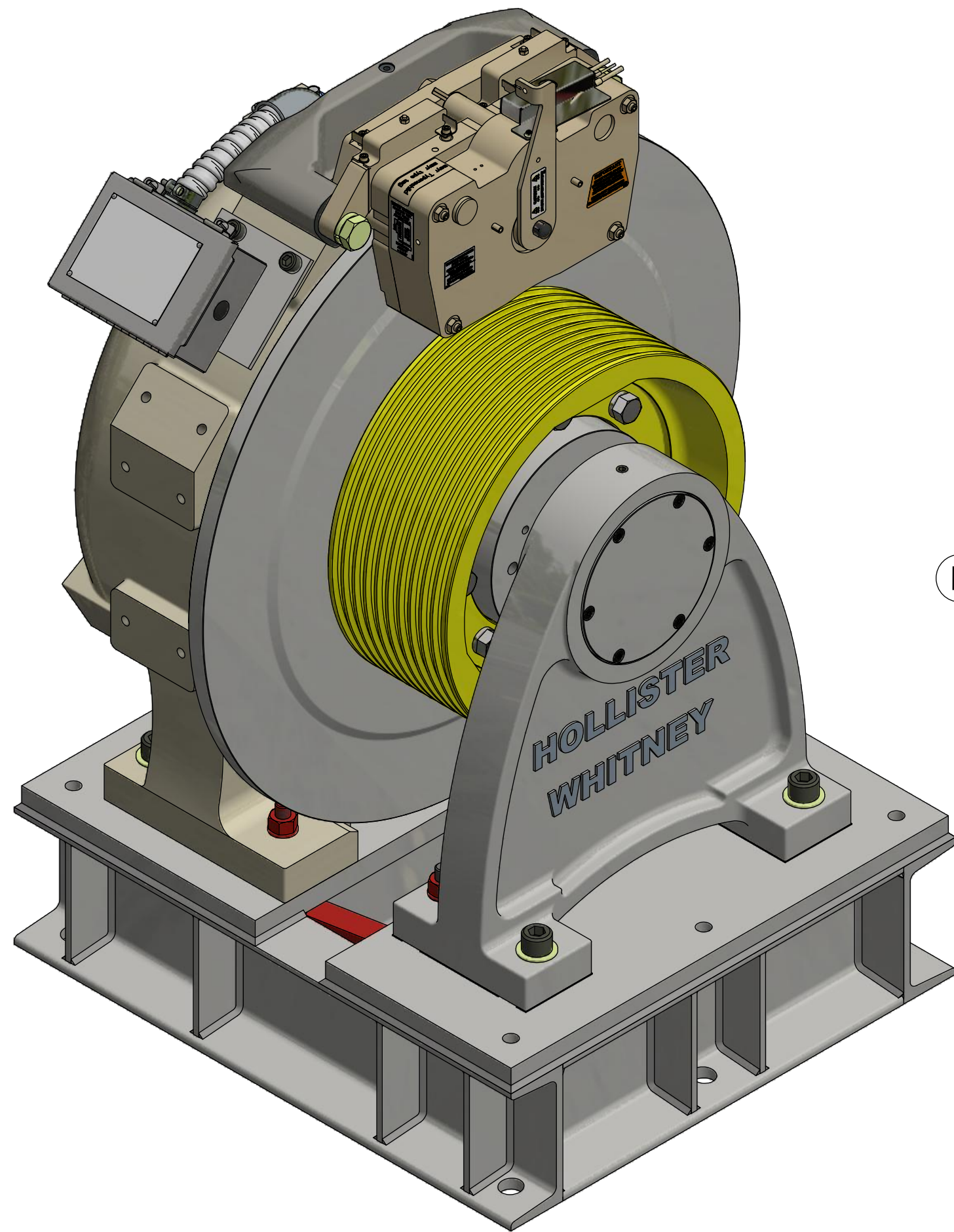
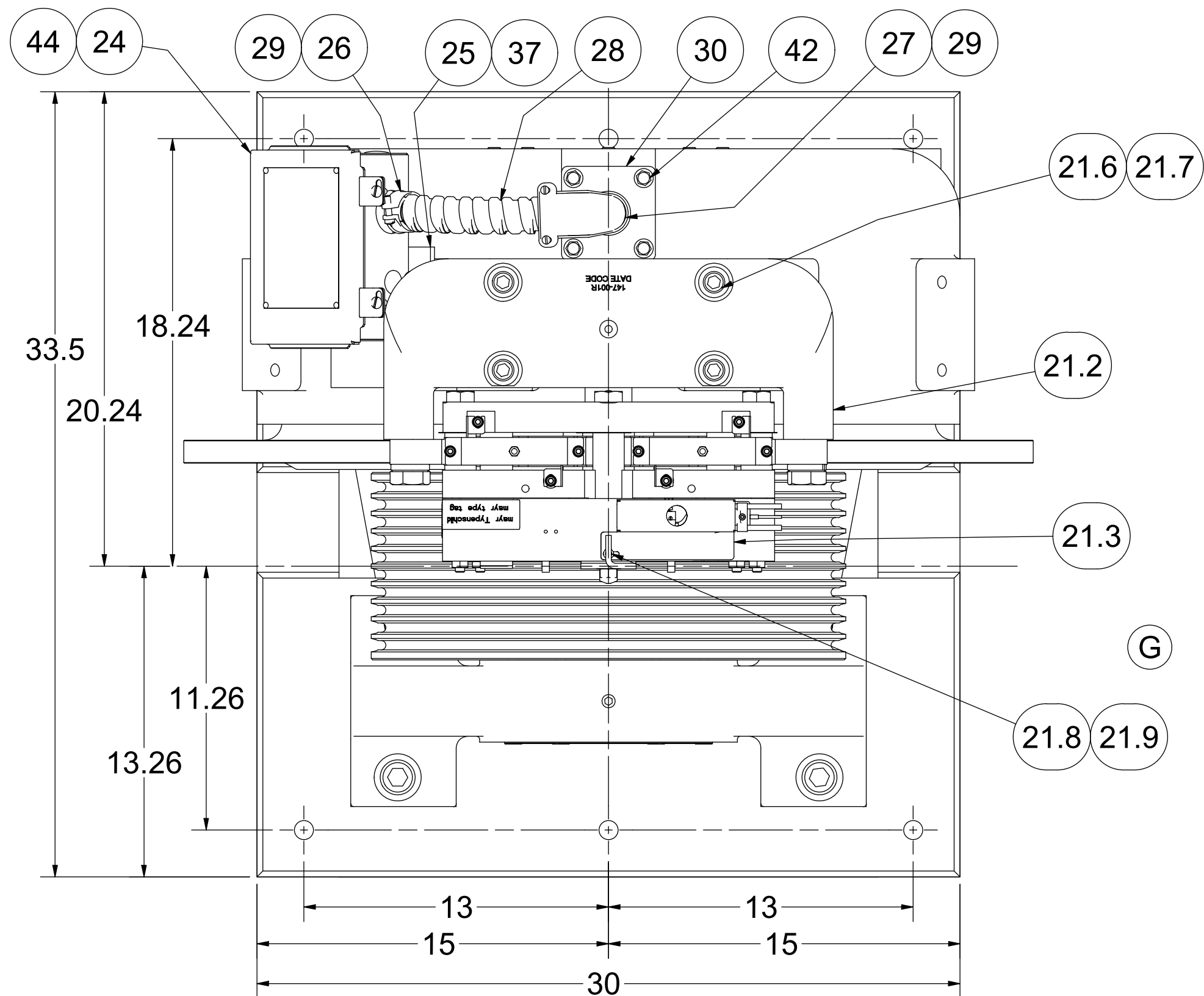
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL130A-BS	GEARLESS MACHINE, 2500# CAP w/25" TW; 1:1 ROPED	3929.056 lbmass
2	1	GL130A-BS-156	FOUNDATION PLATE ASSEMBLY - GL130A BASEMENT SET	619.197 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL130A-BS	GEARLESS MACHINE, 2500# CAP w/25" TW; 1:1 ROPED	3929.056 lbmass
2	1	GL130A-BS-156A	FOUNDATION ADAPTOR PLATE ASSEMBLY - GL130A BASEMENT SET	593.364 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIES AND DISCARD
3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")





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ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL130ABS-01	FINISHING BASE, BASEMENT SET, GL130A
2	1	GL130A-001	BASE HOUSING, MOTOR #GL130A
3	1	GL130A-002-1	ROTOR ASSEMBLY - #GL130A1, 20" T.S.
3.1	1	GL130A-004-1	ROTOR - GL130A1, 20" T.S.
3.2	40	GL260-099	PERMANENT MAGNET - #GL260 & GL130A MOTORS
4	1	GL130A-005	BEARING CAP
5	1	GL185-006	OUTBOARD STAND, AC GEARLESS
6	1	GL130A-008	TRACTION SHEAVE, 20"
7	1	GL185-019	END CAP
8	1	GL185-020	RETAINING RING - ROTOR
9	8	GL185-073	BODY BOLT
10	1	GL130A-018	MAIN SHAFT - GL130A 1:1 MACHINE
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	2	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	1	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL185-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL130A-100	WINDING ASSEMBLY - 40 POLE
20	1	GL185-104	CAP
21	1	GL185-147	DISC BRAKE (MAYR 10.1) ASSEMBLY
21.1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
21.1.6	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	147-001	BRAKE BASE - LARGE FRAME GL MACHINE
21.3	1	147-003	COVER - MAYR #10.1 (GL185-147) ELECTRICAL
21.4	2	1" WASHERS	Helical Spring Lock Washers
21.5	2	1-8 UNC - 3.5	Hex Cap Screw
21.6	4	5/8-11 UNC - 2.5	SOCKET HEAD CAP SCREW
21.7	4	5/8 WASHER	SAE WASHER
21.8	1	M4 x 0.7 x 8 mm	SHCS - METRIC
21.9	1	#8 WASHER	STANDARD WASHER
21.10	AS NE	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
		143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
22	2	GL130A-BS-156-5	SHIPPING BOLT
23	AS NE C	GL185-157-05	OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.
		GL185-157-10	OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.
		GL185-157-31	OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.
24	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
25	1	GL130A-159-12	MOUNTING PLATE
26	1	GL100-159-13	1-1/4 STRAIGHT BOX CONNECTOR (FLEXCON) - REF P/N BRID412DC2
27	1	GL100-159-13-1	1-1/4 90° BOX CONNECTOR (FLEXCON)
28	2	GL100-159-14	1-1/4 FLEX CONDUIT - REF. P/N GRF A114
29	2	GL100-159-15	1-1/4 ANTI SHORT BUSHING - REF. P/N THOMAS & BETTS CO. #425
30	1	GL100-159-18	BOX CONNECTOR PLATE
31	1	GL100-165-1	FELT DUST SEAL
32	4	1-8 UNC x 4	SOCKET HEAD CAP SCREW
33	4	1" WASHER	SAE WASHER
34	8	13/16 WASHER	HEAVY LOCK WASHER
35	4	3/4 UNC NUT	HEAVY HEX NUT
36	4	3/4 WASHER	SAE WASHER
37	2	5/8-11 UNC x 1	SOCKET HEAD CAP SCREW
38	1	5/8-11 UNC x 0.625	HALF DOG SET SCREW
39	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
40	8	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
41	6	3/8 - 16 UNC x 1.25	SOCKET HEAD CAP SCREW
42	4	3/8 - 16 UNC x 0.5	WHIZ BOLT
43	8	3/8 WASHER	SOCKET HEAD CAP SCREW LOCK
44	4	1/4-20 UNC x 0.5	WHIZ BOLT
45	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
46	4	#8 LOCK WASHER	EXT. TOOTH LOCK WASHER
47	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
48	4	#6 U x 0.3125	DRIVE SCREW
49	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE

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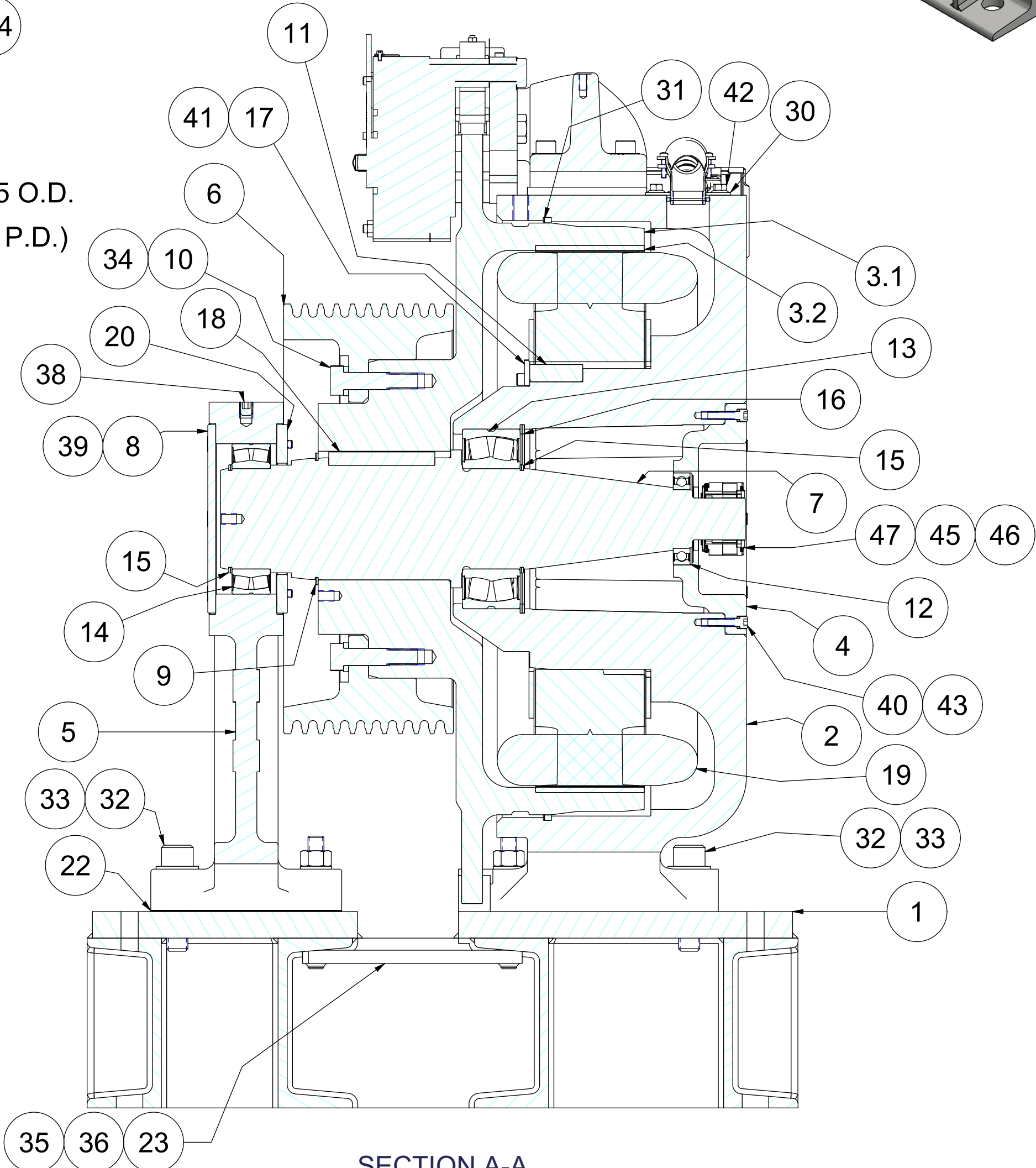
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MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED 20" (fpm)
GL130A-20L	GL130A-170-200	90	130A/130	170	38.2	200
GL130A-20H	GL130A-360-200	90	130A/130	360	38.2	200
GL130A-40L	GL130A-170-400	91	130A/130	170	76.4	400

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WEIGHT: 3663.8 lbmass

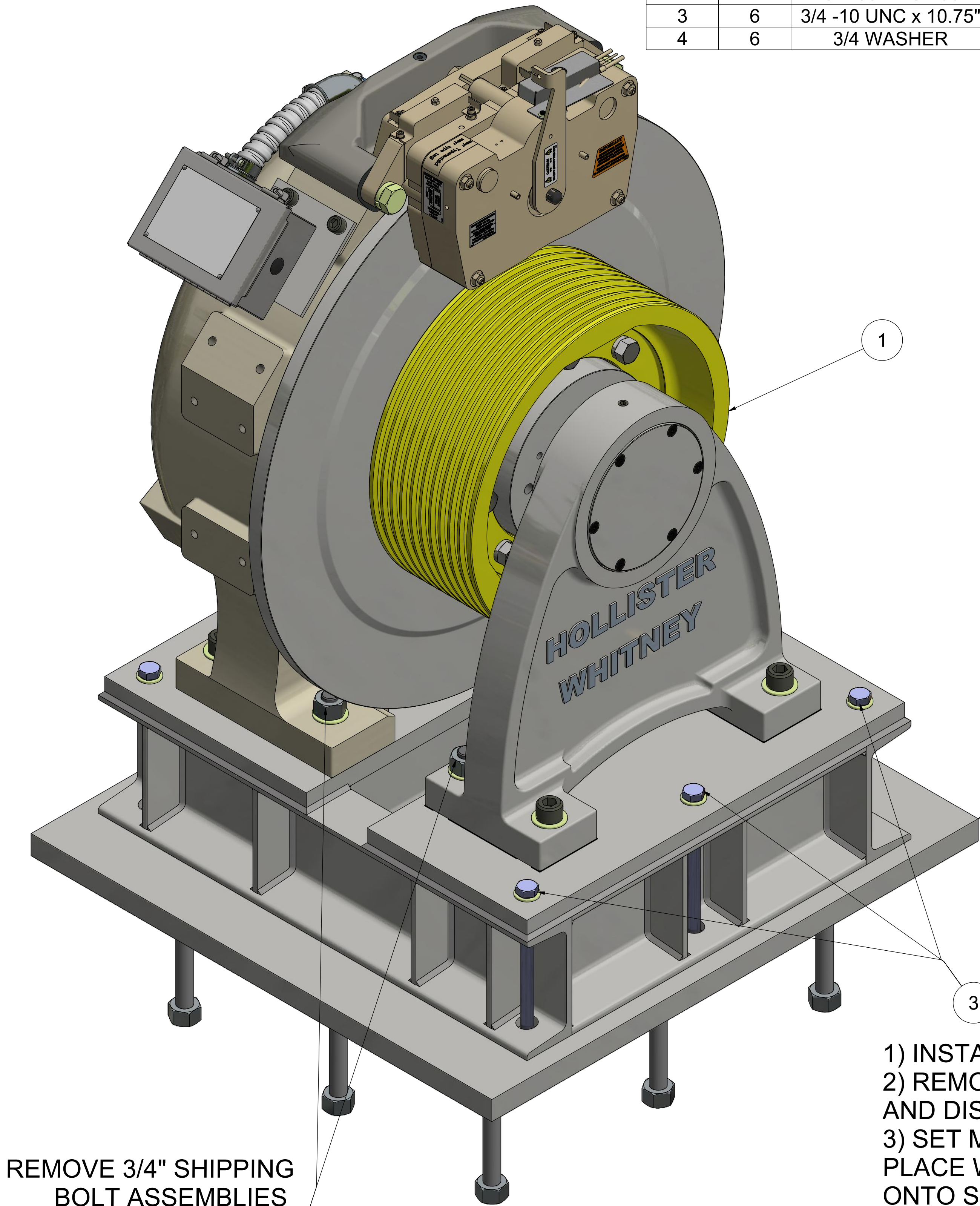
		F	3X GL100-094-1 WAS 1X GL185-094, 3X 3/8x1HHCS WAS 6X, REMOVE 6X 3/8 WASHERS, & UPDATE GL130A (1:1) WINDING CAPACITIES, PUR #1111	LTL 7/2/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC	
G	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260	LTL 1/7/20			TITLE GEARLESS MACHINE, 3125# CAP w/ 20" TW; 1:1 ROPED, 50% CB	
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC. MANUFACTURER HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED BY HOLLISTER-WHITNEY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.			THIRD ANGLE PROJECTION		DRAWN BY LTL	
			SCALE 1/5		MATERIAL SEE PARTS LIST	
			SHEET SIZE D		DATE 8/22/2013	
					REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED GL130A1-BS SHEET 1 OF 3	



SECTION A-A

A

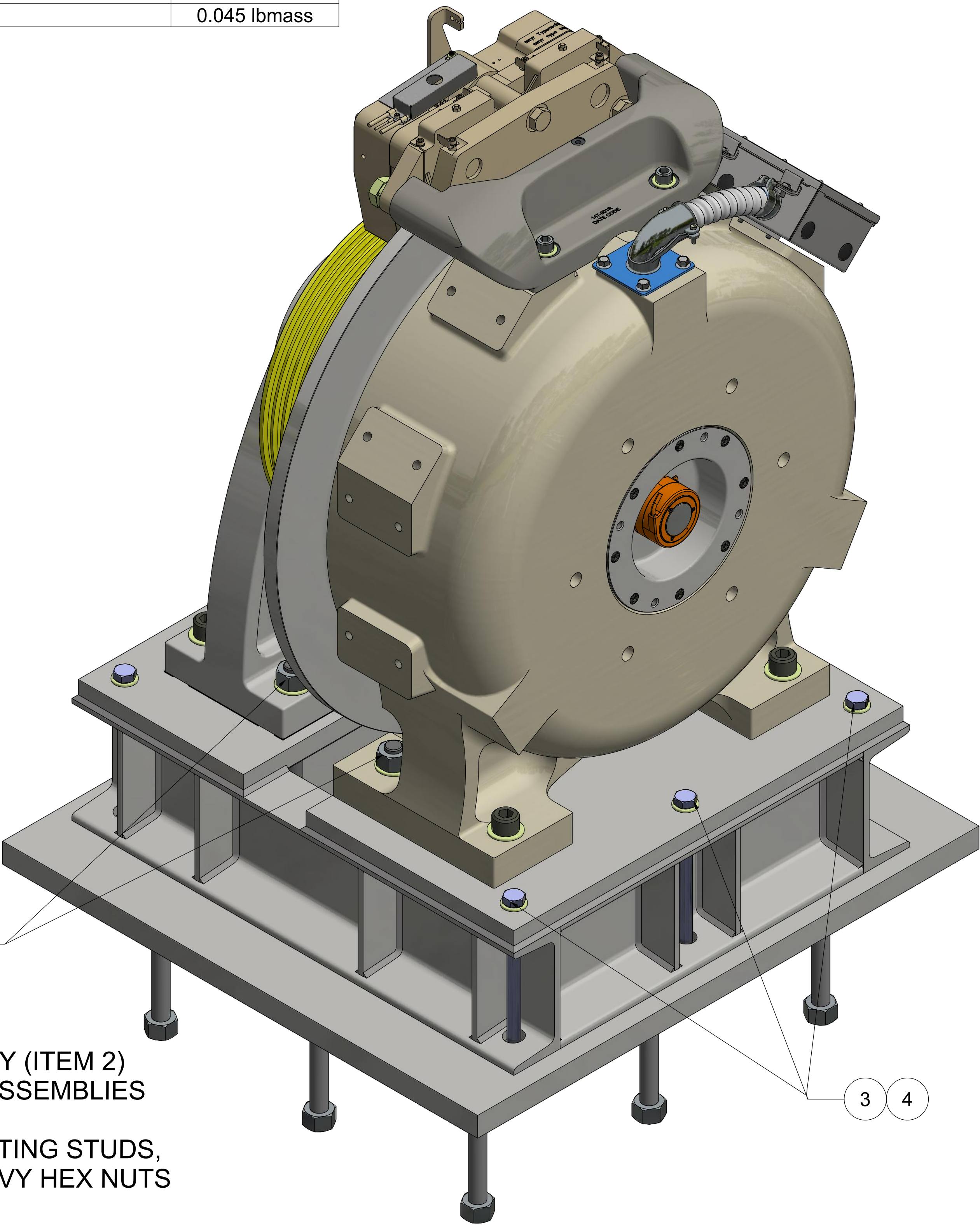
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL130A1-BS	GEARLESS MACHINE, 3125# CAP w/20" TW; 1:1 ROPED	3654.561 lbmass
2	1	GL130A-BS-156	FOUNDATION PLATE ASSEMBLY - GL130A BASEMENT SET	619.197 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass



REMOVE 3/4" SHIPPING
BOLT ASSEMBLIES
(LOCATIONS), PLACE
MACHINE OVER 1"
MOUNTING STUDS

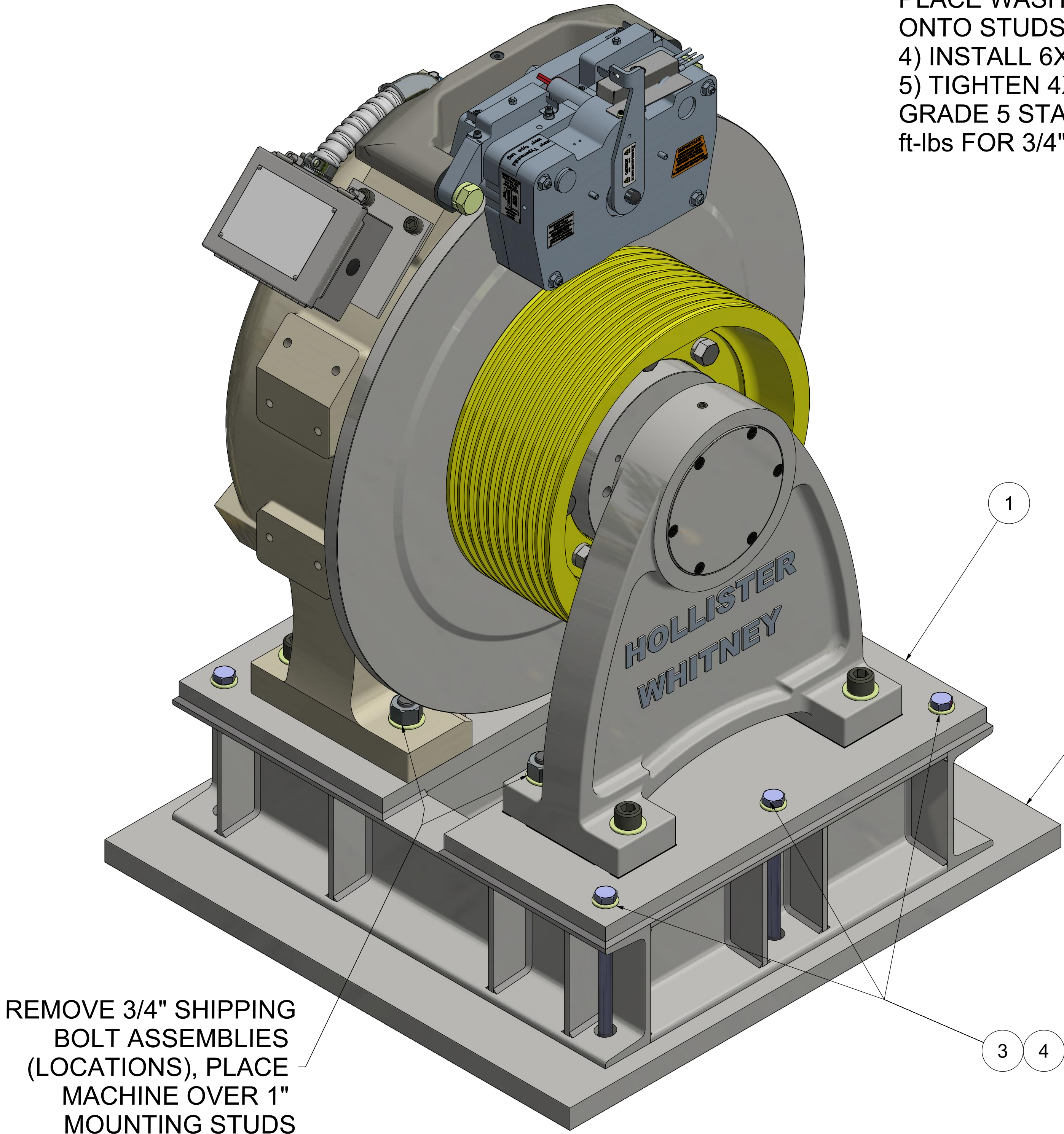
REMOVE 3/4" SHIPPING
BOLT ASSEMBLIES
(LOCATIONS), PLACE
MACHINE OVER 1"
MOUNTING STUDS

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
- 2) REMOVE TWO (2) 3/4" SHIPPING BOLT ASSEMBLIES AND DISCARD
- 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
- 4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
- 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")

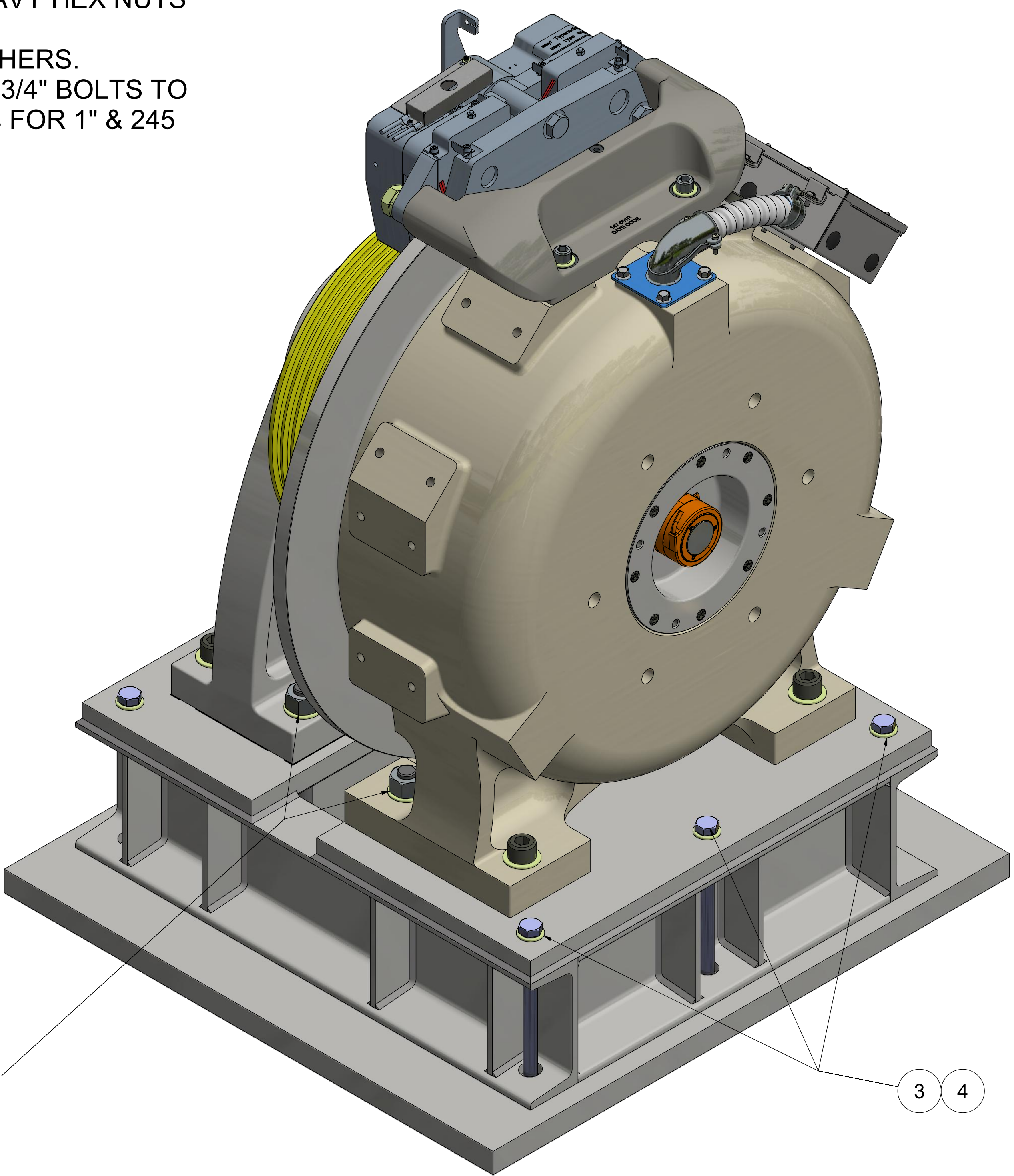


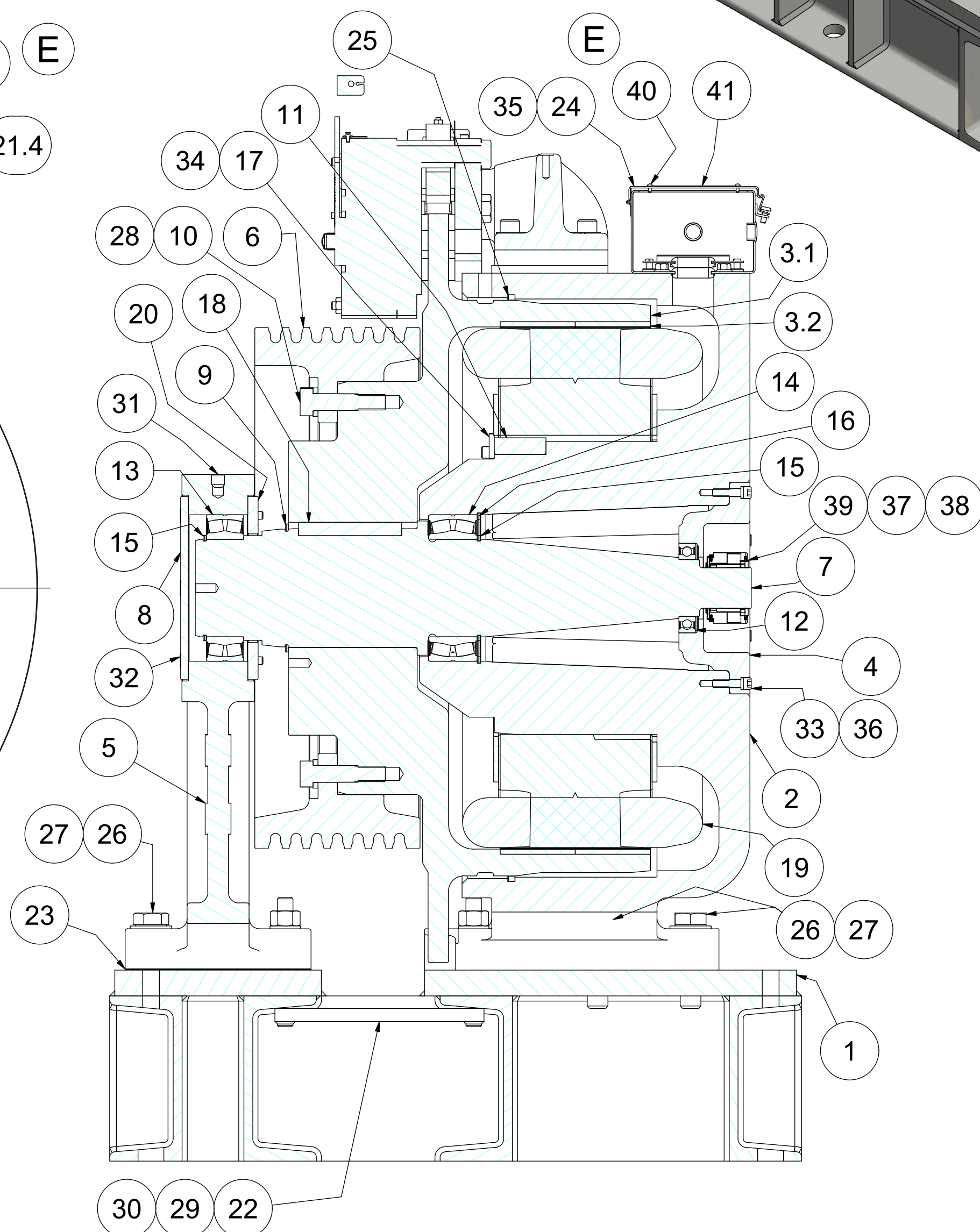
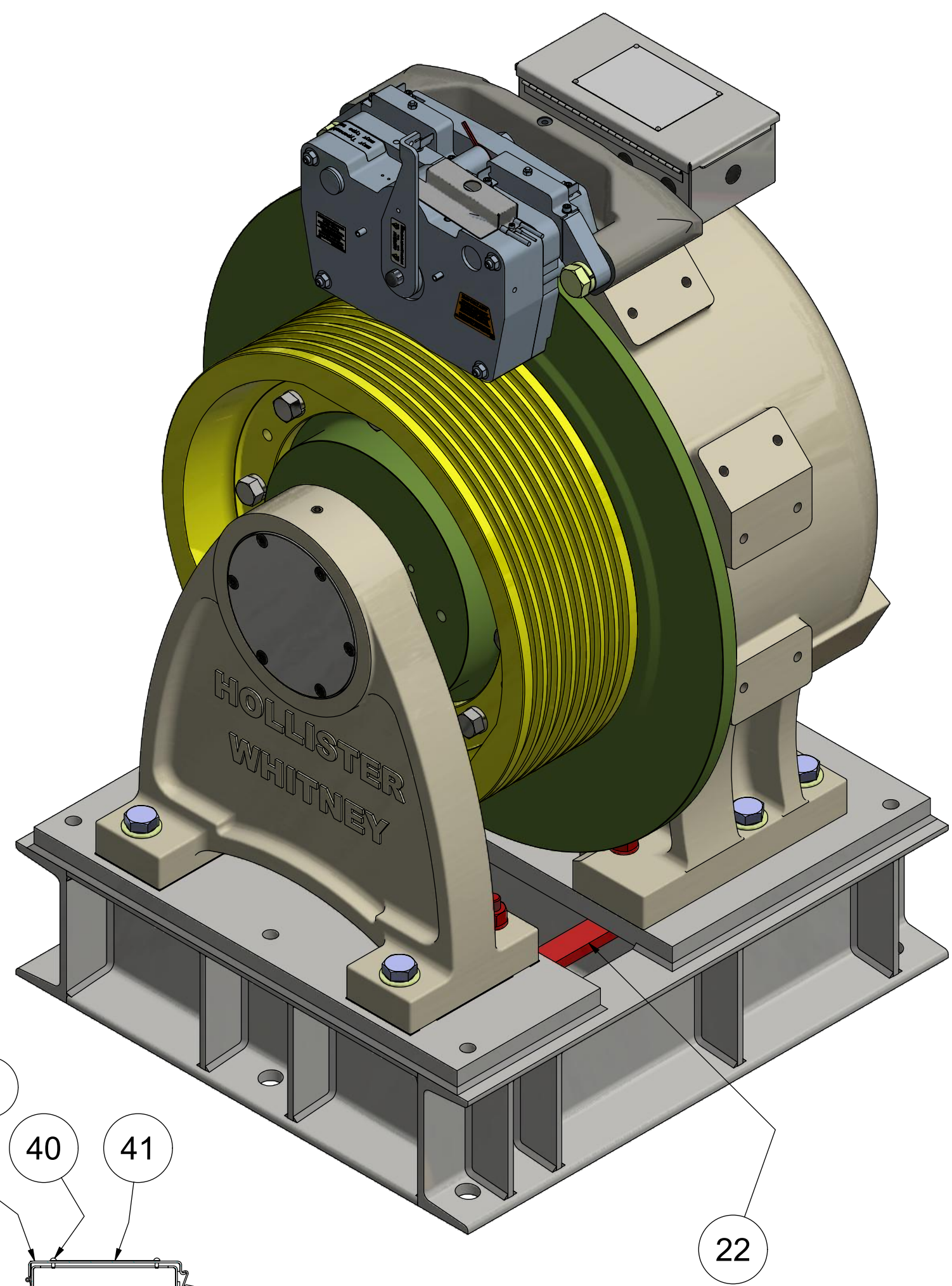
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL130A1-BS	GEARLESS MACHINE, 3125# CAP w/20" TW; 1:1 ROPED	3654.561 lbmass
2	1	GL130A-BS-156A	FOUNDATION ADAPTOR PLATE ASSEMBLY - GL130A BASEMENT SET	593.364 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
- 2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIES AND DISCARD
- 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
- 4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
- 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")





REMOVE 3/4" SHIPPING BOLT ASSEMBLIES (LOCATIONS), PLACE MACHINE OVER 1" MOUNTING STUDS





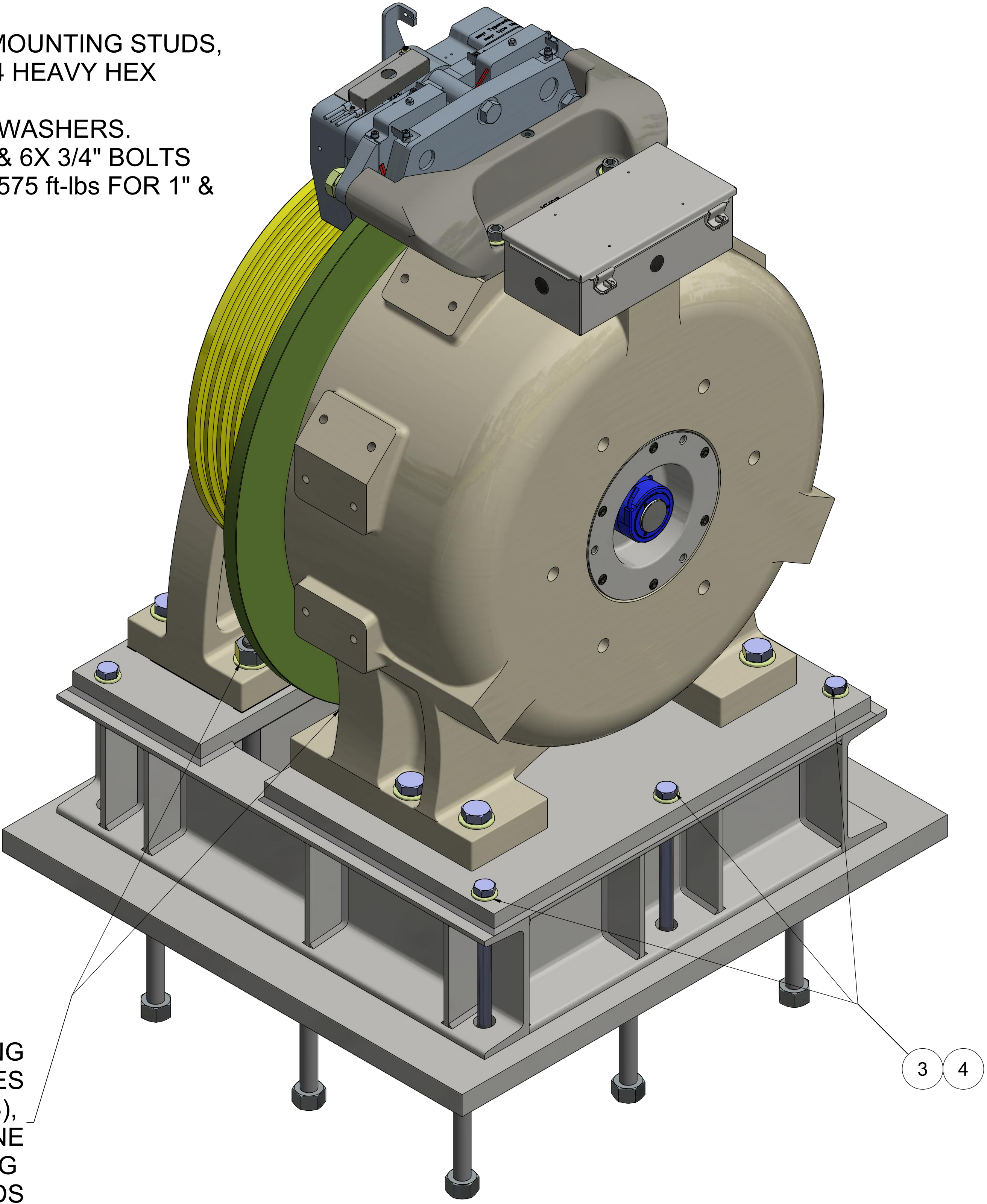
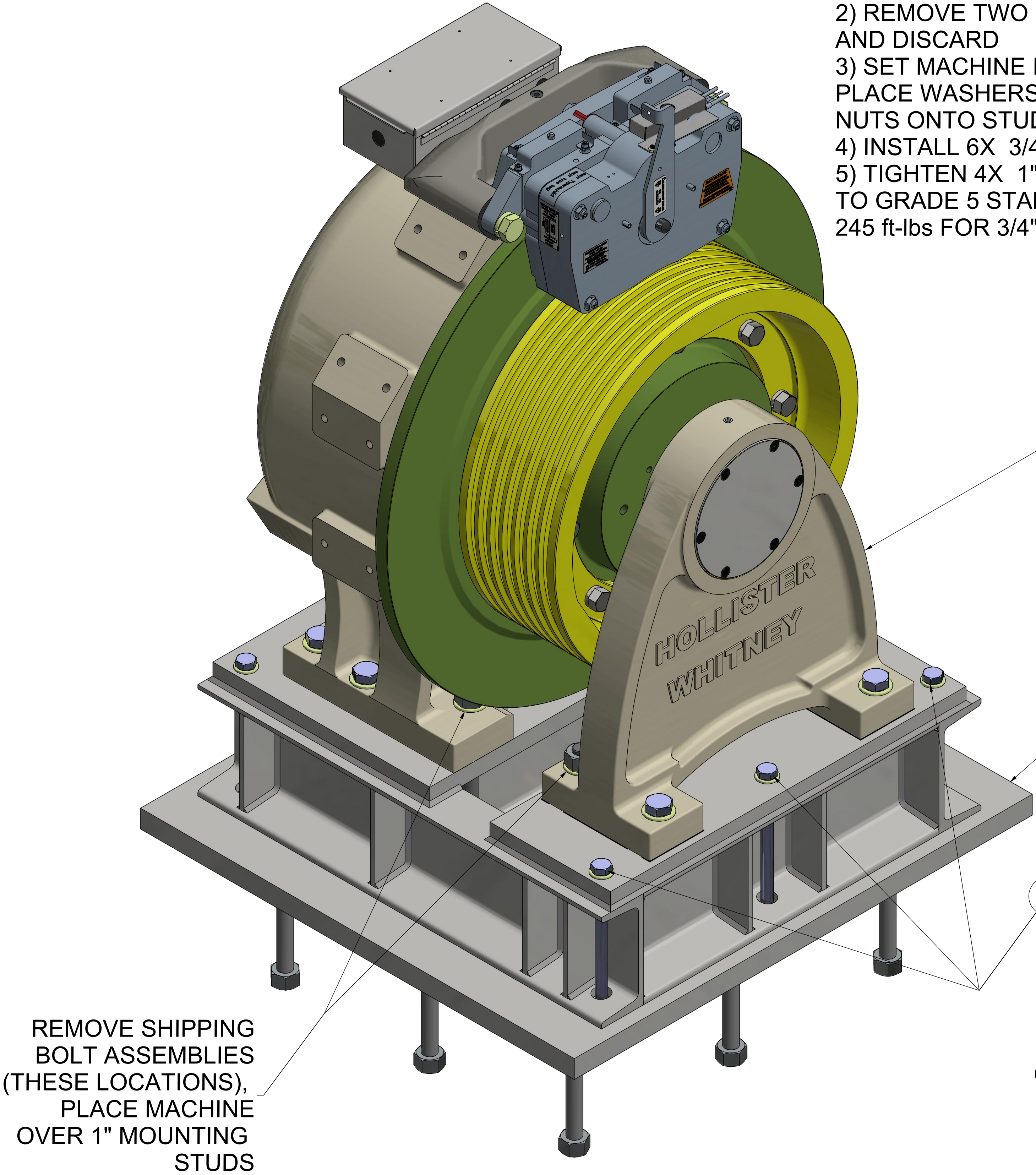
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL185BS-01	FINISHING BASE, BASEMENT SET, GL185
2	1	GL185-001	BASE HOUSING, MOTOR #GL185
3	1	GL185-002	ROTOR ASSEMBLY - MOTOR #GL185
3.1	1	GL185-004	ROTOR
3.2	80	GL185-099	PERMANENT MAGNET - MOTOR #GL185
4	1	GL100-005	BEARING CAP
5	1	GL185-006	OUTBOARD STAND, AC GEARLESS
6	1	GL185-008	SHEAVE, 25"
7	1	GL185-018	MAIN SHAFT - GL185 1:1 MACHINE
8	1	GL185-019	END CAP
9	1	GL185-020	RETAINING RING - ROTOR
10	8	GL185-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
14	1	GL185-091	BEARING, SEALED SPHERICAL ROLLER
15	2	GL130-092	RETAINING RING - SHAFT
16	1	GL100-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP RING - STATOR ASSEMBLY
18	1	GL185-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL185-100	WINDING ASSEMBLY - 40 POLE
20	1	GL185-104	CAP
21	1	GL185-147	DISC BRAKE (MAYR 10.1) ASSEMBLY
21.1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
21.1.6	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	147-001	BRAKE BASE
21.3	1	147-003	COVER - MAYR #10.1 ELECTRICAL
21.4	2	1" WASHER	Helical Spring Lock Washers
21.5	2	1-8 UNC - 3.5	Hex Cap Screw
21.6	4	5/8 - 11 UNC x 2.5"	SOCKET HEAD CAP SCREW
21.7	4	5/8 WASHER	STANDARD WASHER
21.8	1	M4 x 0.7 x 8 mm	SHCS - METRIC
21.9	1	#8 WASHER	STANDARD WASHER
21.10	AS NEC	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
		143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
22	2	GL185BS-156-5	SHIPPING BOLT
23	AS NEC	GL185-157-05	OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.
		GL185-157-10	OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.
		GL185-157-31	OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.
24	1	GL185-159	HOFFMAN ELECTRICAL ENCLOSURE, A12064CH MODIFIED
25	1	GL100-165-1	FELT DUST SEAL
26	6	1 - 8 UNC x 4"	HEX HEAD CAP SCREW
27	6	1" WASHER	SAE WASHER
28	8	13/16 WASHER	HEAVY LOCK WASHER
29	4	3/4 - 10 UNC	HEAVY HEX NUT
30	4	3/4 WASHER	SAE WASHER
31	1	5/8-11 UNC x 0.625	Hexagon Socket Set Screw - Flat Point
32	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
33	6	3/8 - 16 UNC x 1.5	SOCKET HEAD CAP SCREW
34	3	3/8 - 16 UNC x 1.25	SOCKET HEAD CAP SCREW
35	4	3/8-16 UNC x 0.5	Hex Flange Screw - Regular Thread - Inch
36	6	3/8 Washers	SHCS Lock Washers (High Collar)
37	4	#8 - 32 UNC - 1/4	Hexagon Socket Head Cap Screw
38	4	#8 LOCK WASHER	EXT. TOOTH LOCK WASHER
39	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
40	4	#6 U x 0.3125	DRIVE SCREW
41	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE

MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED (fpm)
GL185-35L	GL185-170-350	90	185	170	53.5	350
GL185-35H	GL185-360-350	90	185	360	53.5	350
GL185-50L	GL185-170-500	90	185	170	76.4	500
GL185-50H	GL185-360-500	90	185	360	76.4	500
GL185-70L	GL185-170-700	90	185	170	107.0	700

		D	3X GL100-094-1 WAS 1X GL185-094, 3X 3/8x1.25 SHCS WAS 6X, 6X 3/8 WASHER WAS 12X, & UPDATE GL185 (1-1) CAPACITIES, PUR #1111	LTL 10/23/19	<div>HOLLISTER-WHITNEY ELEVATOR CO. LLC</div> <div></div>				
E	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260	LTL 11/7/20	UPDATE GL185 (1-1) CAPACITIES, PUR #1111		TITLE GL185 W/50% T.W., 3500 LBS 50% CB MAX CAPACITY 1-1, BASEMENT SET ASSEMBLY				
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPORT. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOID ANY WARRANTY AND RELEASE MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT WRITING AUTHORIZATION FROM THE MANUFACTURER.					THIRD ANGLE PROJECTION 		DRAWN BY LTL 1/5 SCALE MATERIAL SEE MATERIAL		REFERENCE TO ALL DIMENSIONS REFERENCE UNLESS OTHERWISE NOTED
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE DISCLOSED OR REPRODUCED IN ANY MANNER WITHOUT WRITING AUTHORIZATION FROM THE MANUFACTURER.					SHEET SIZE D		DATE 11/17/2014		GL185-BS SHEET 1 OF 3

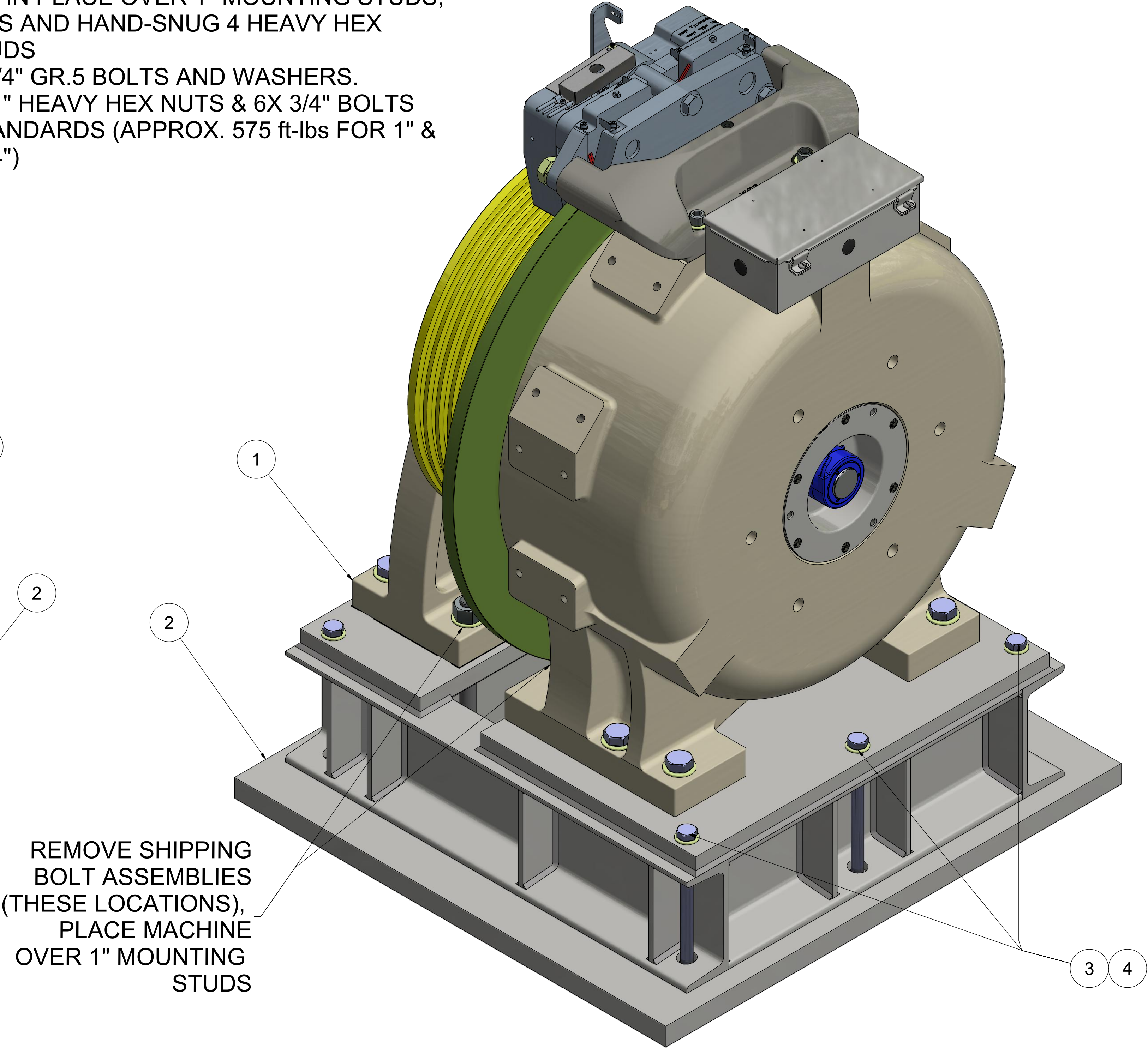
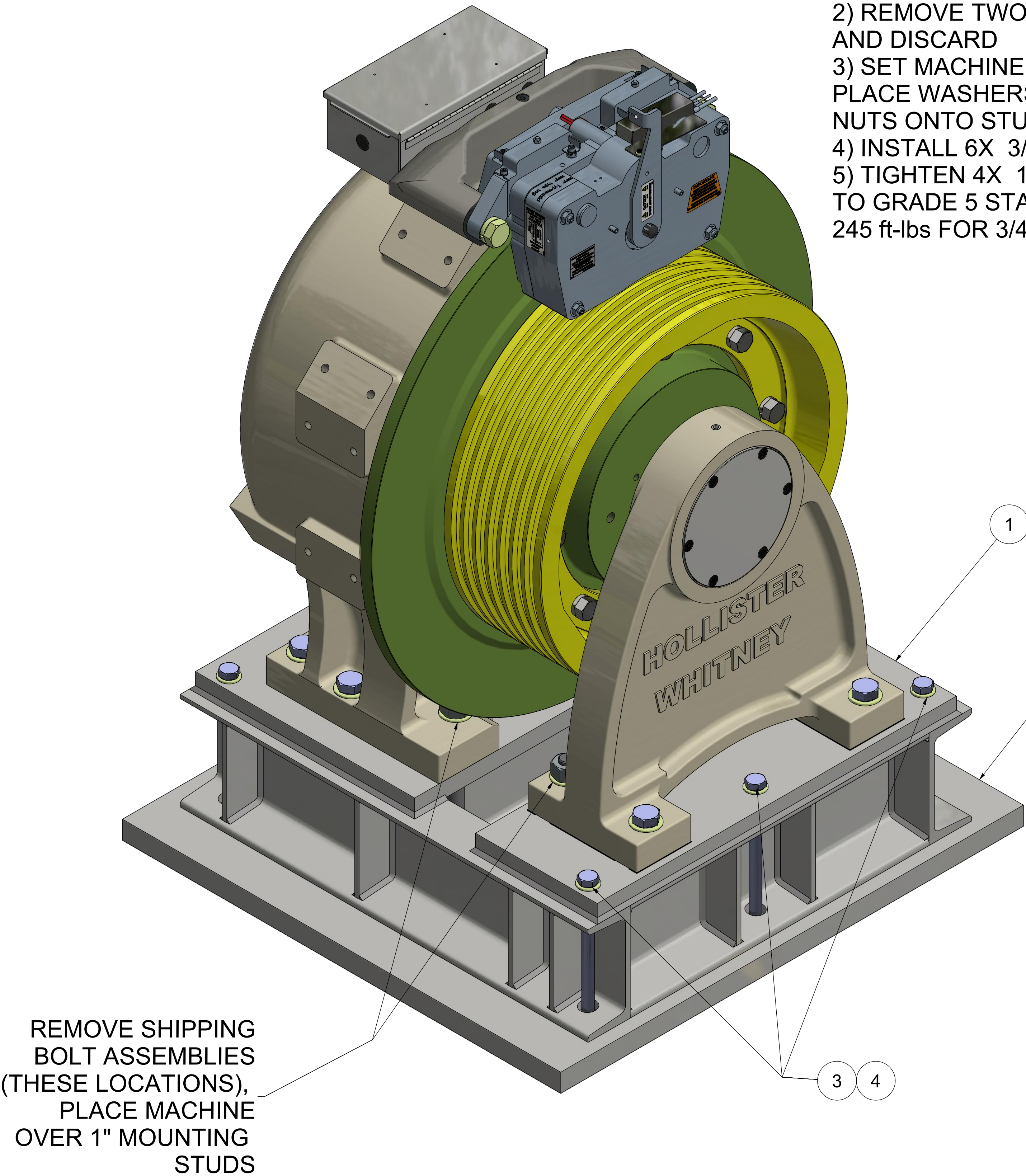
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL185-BS	GEARLESS MACHINE (3000 LBS MAX CAPACITY); 1:1 ROPED	4375.447 lbmass
2	1	GL185BS-156	FOUNDATION PLATE ASSEMBLY - GL185 BASEMENT SET	619.197 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

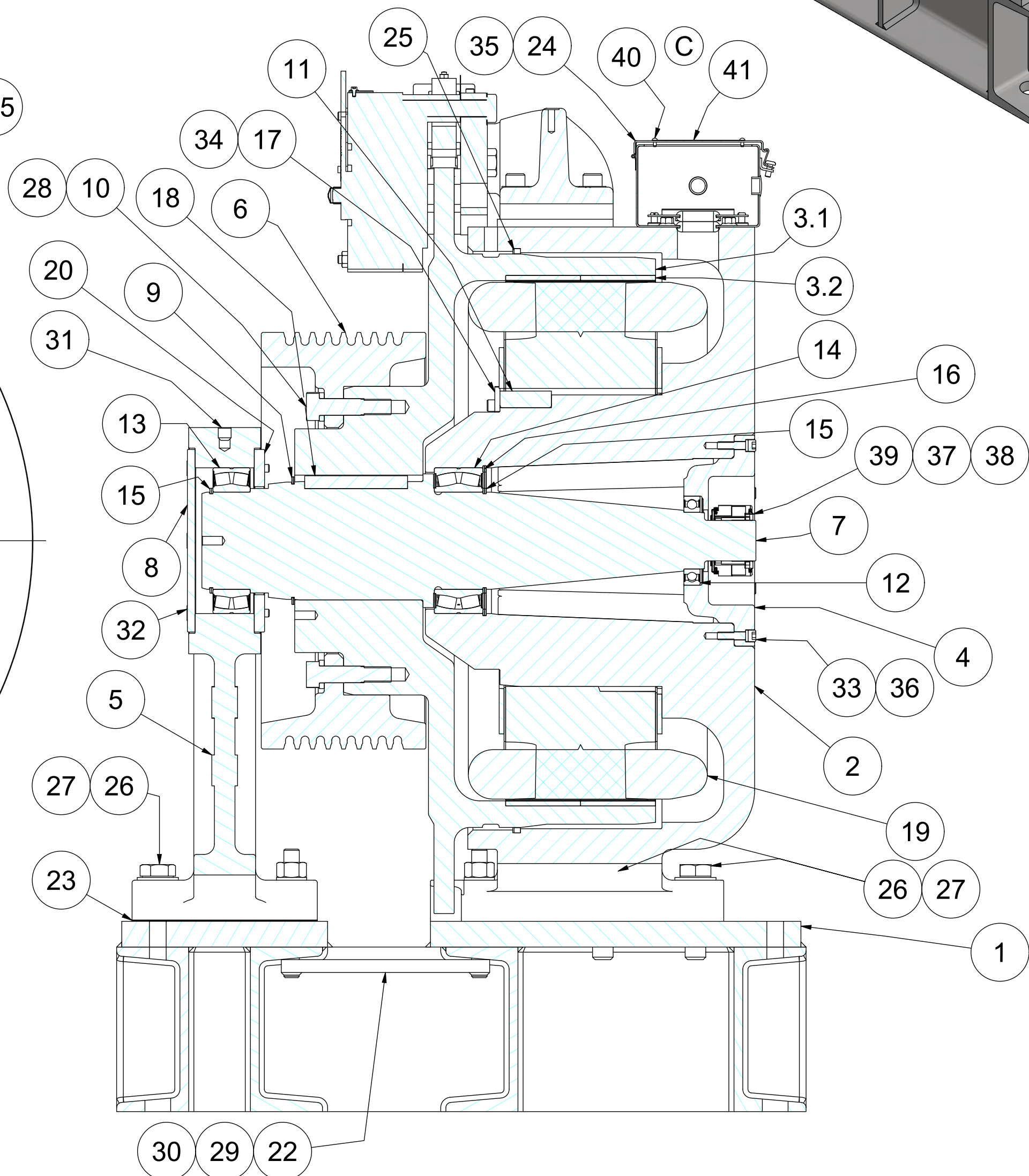
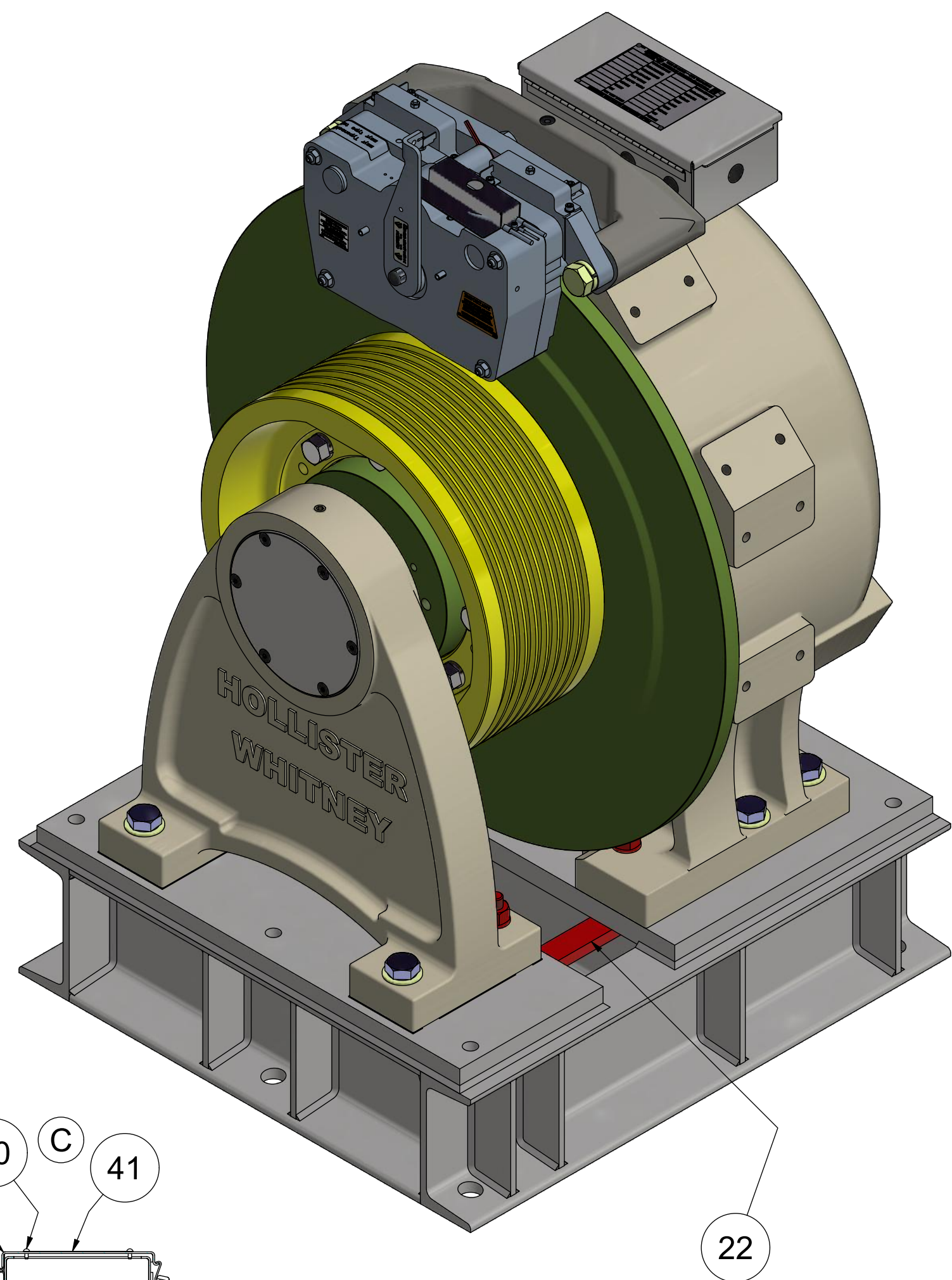
- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIES AND DISCARD
3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")




PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL185-BS	GEARLESS MACHINE (3000 LBS MAX CAPACITY); 1:1 ROPED	4375.447 lbmass
2	1	GL185BS-156A	FOUNDATION PLATE ASSEMBLY - GL185 BASEMENT SET	593.364 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

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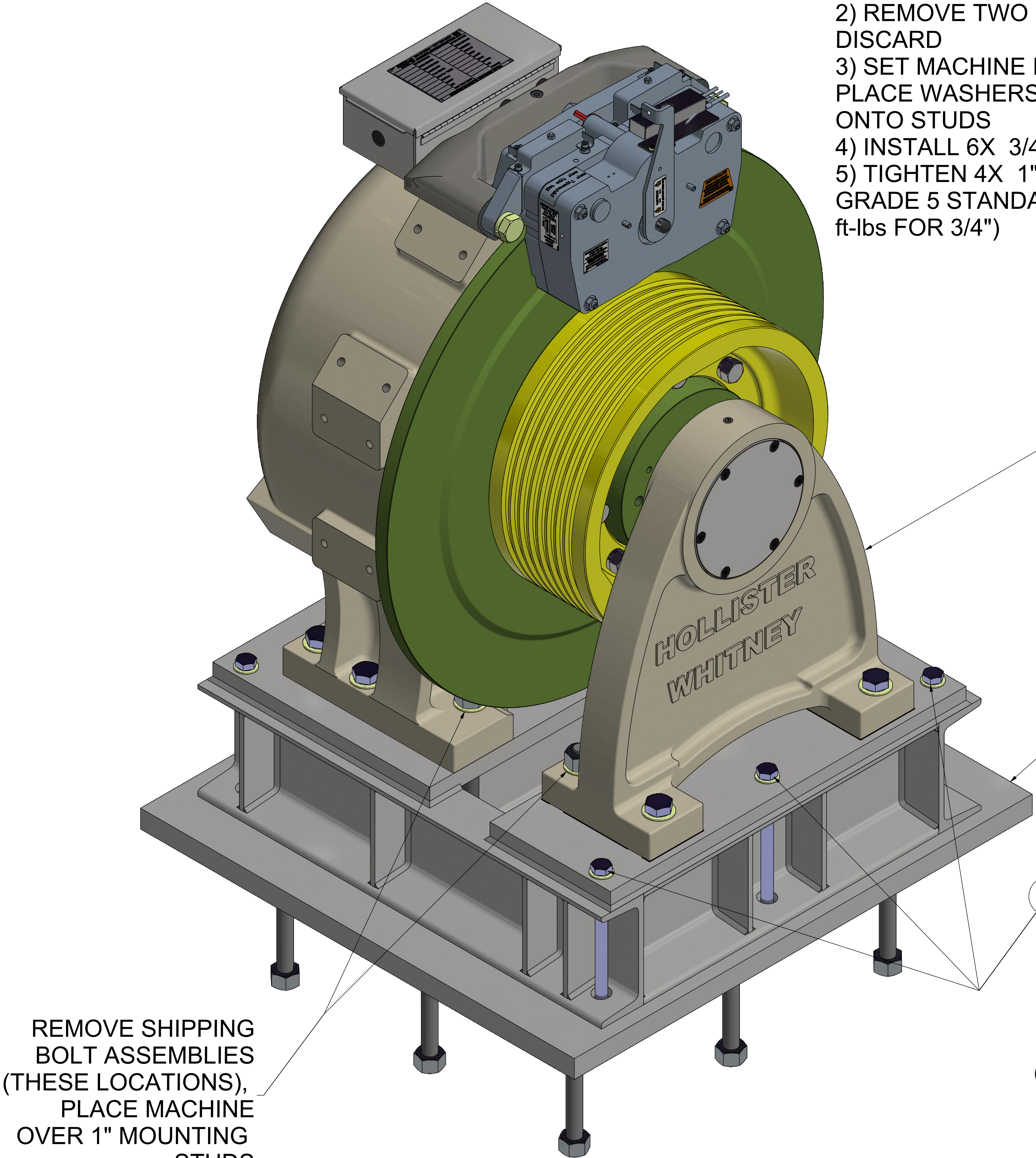
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED (fpm)
GL185-35L	GL185-170-350	90	185	170	53.48	280
GL185-35H	GL185-360-350	90	185	360	53.48	280
GL185-50L	GL185-170-500	90	185	170	76.39	400
GL185-50H	GL185-360-500	90	185	360	76.39	400
GL185-70L	GL185-170-700	90	185	170	106.95	560

<p>C UPDATE BRAKE PARTS LIST & TAGS, PUR# 1260</p> <p>B GL185-147 BRAKE # CORRECTED, PUR# 1238</p> <p>A PRODUCTION RELEASE, PUR# 1111</p>		<p>LTL 1/7/20</p> <p>LTL 11/21/19</p> <p>LTL 10/23/19</p>	<p>HOLLISTER-WHITNEY</p> <p>ELEVATOR CO. LLC</p>	
<p>D CORRECT CAPACITY TYPEO PG 2 & 3, PUR#1617</p>		<p>LTL 1/7/20</p>	<p>TITLE GL185 W/20" T.W. 4375 LBS 50% CB MAX CAPACITY 1:1, BASEMENT SET ASSEMBLY</p>	
<p>THIS DRAWING IS GUARANTEED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURE. INSTALLATION, ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOID ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT SHOULD NOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>			<p>THIRD ANGLE PROJECTION</p>	
<p></p>			<p>DRAWN BY LTL 1/5</p> <p>MATERIAL SEE PARTS LIST</p> <p>REFERENCE TOL. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED</p>	
<p>SHEET SIZE D</p>			<p>DATE 10/27/2014</p>	
			<p>GL186-BE</p> <p>SHEET 1 OF 3</p>	

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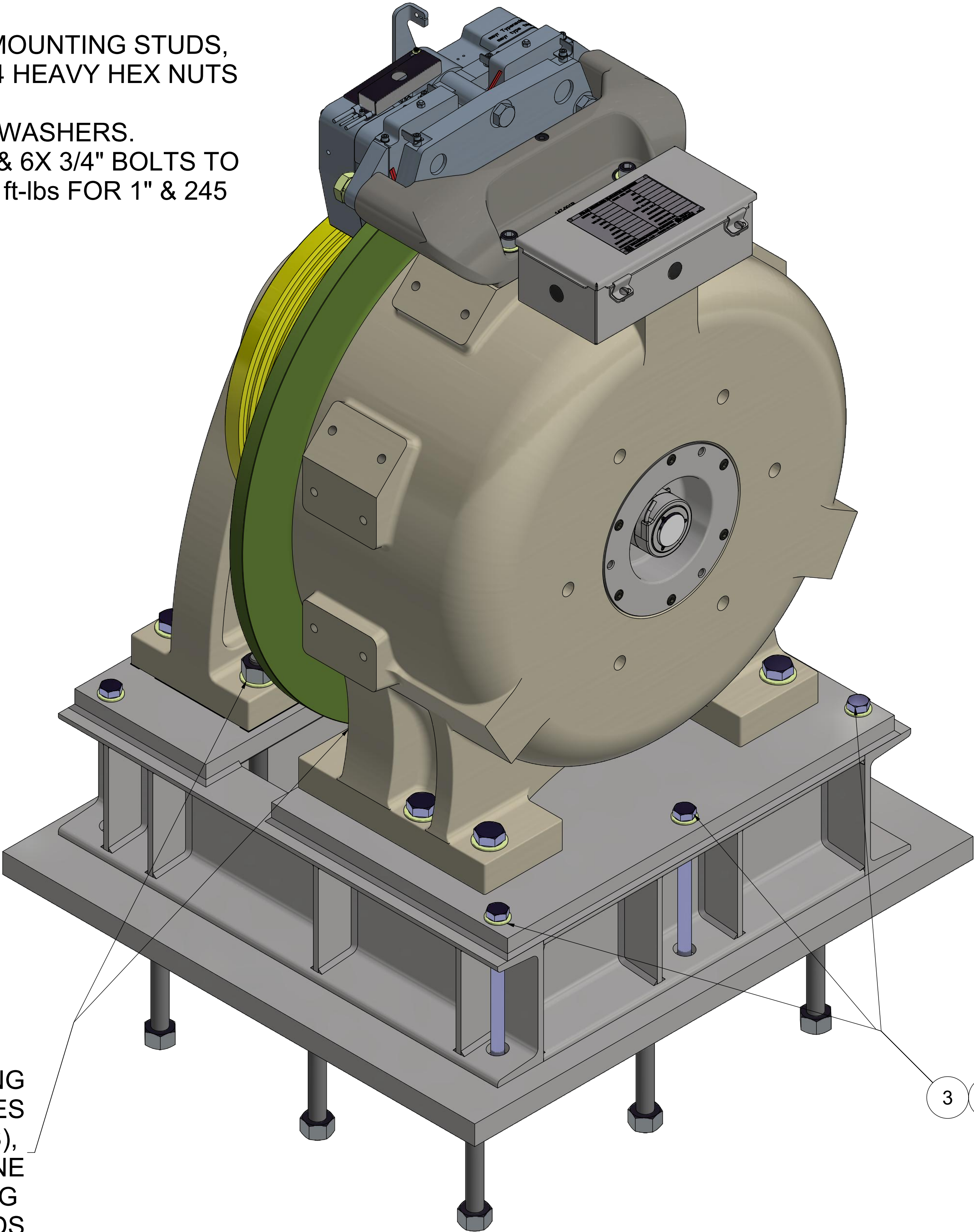
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL186BS	GEARLESS MACHINE (4375 LBS MAX CAPACITY); 1:1 ROPED	4102.586 lbmass
2	1	GL185BS-156	FOUNDATION PLATE ASSEMBLY - GL185 BASEMENT SET	619.197 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIES AND DISCARD
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REMOVE SHIPPING
BOLT ASSEMBLIES
(THESE LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

REMOVE SHIPPING
BOLT ASSEMBLIES
(THESE LOCATIONS),
PLACE MACHINE
OVER 1" MOUNTING
STUDS

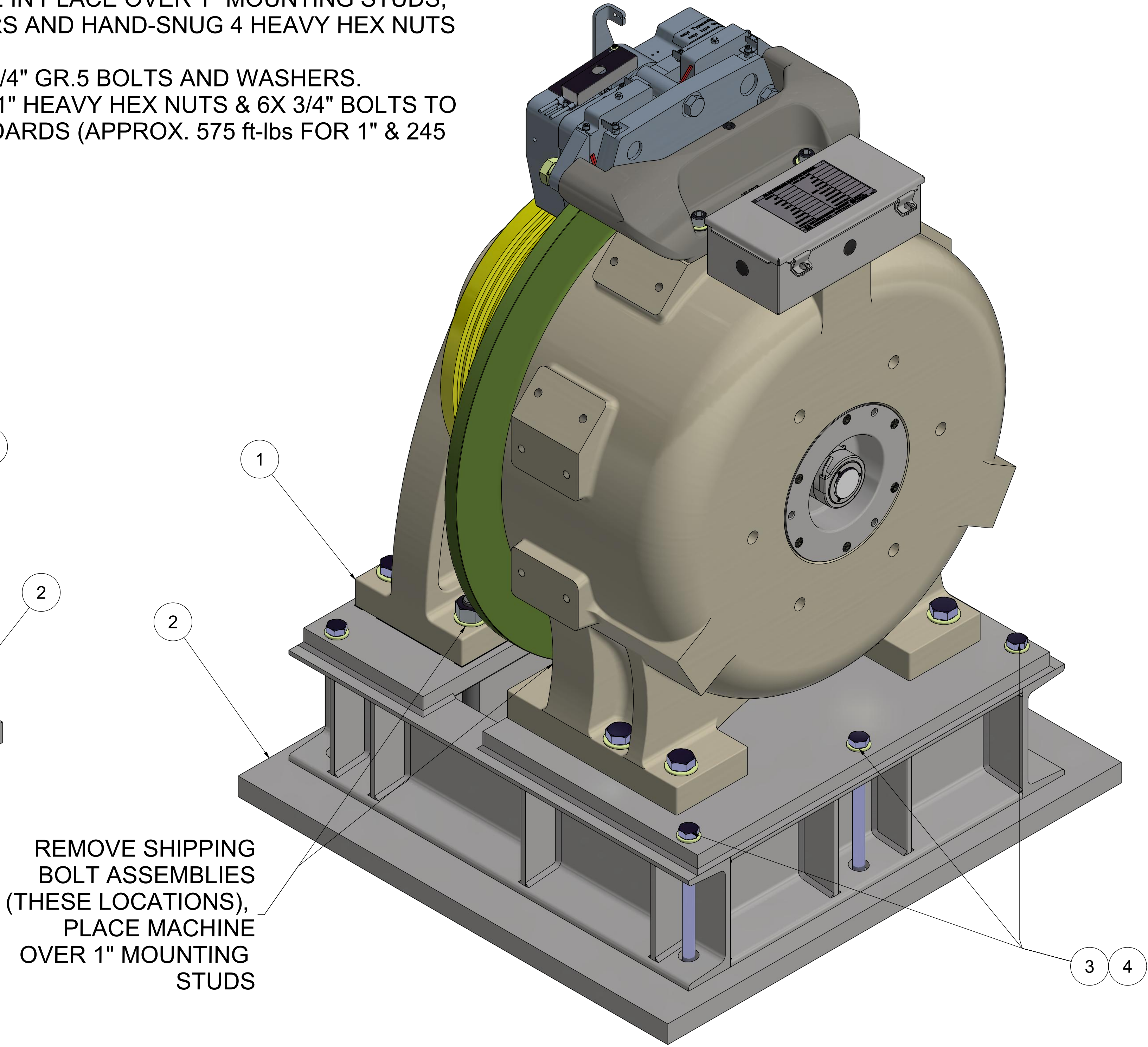
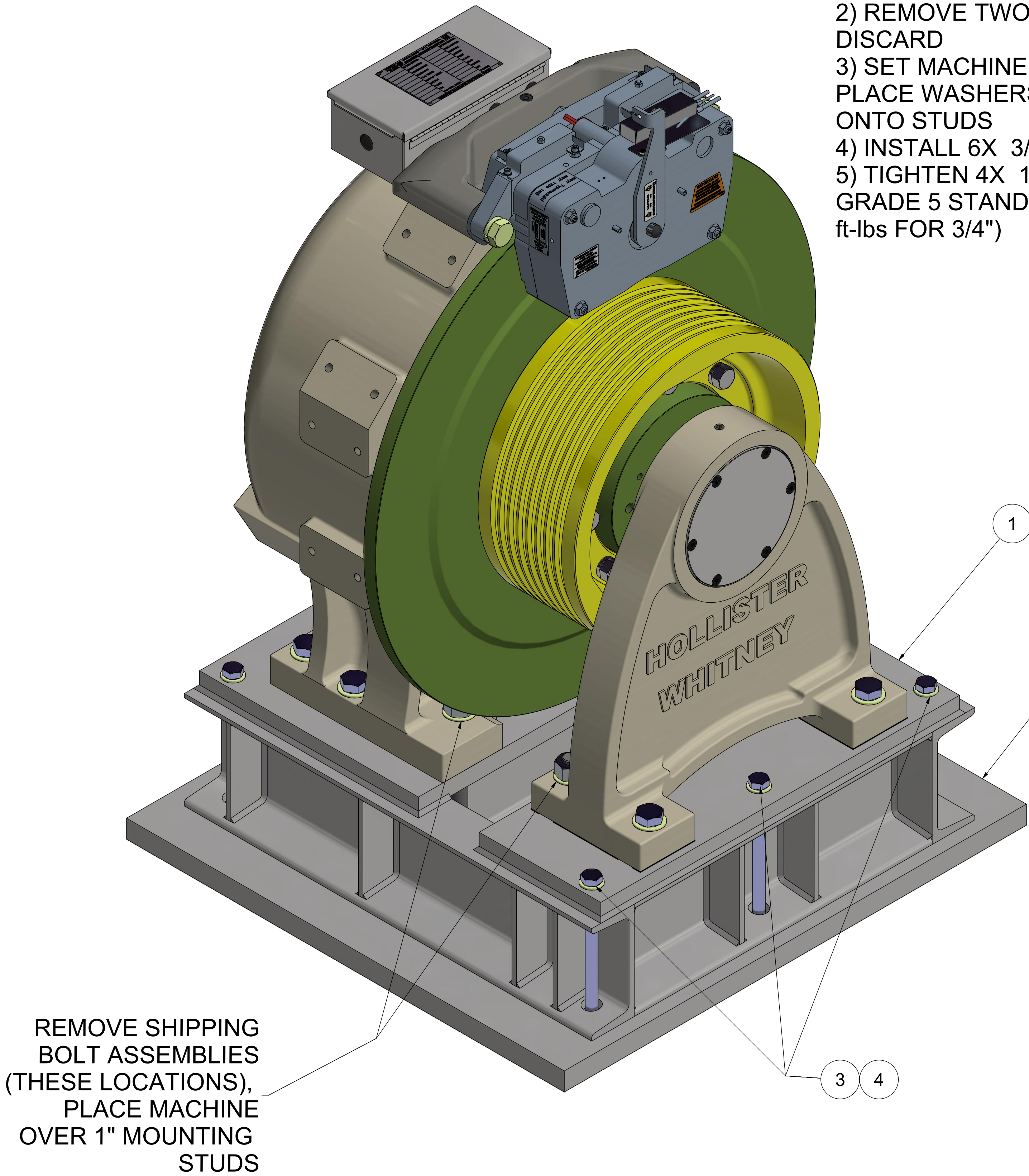


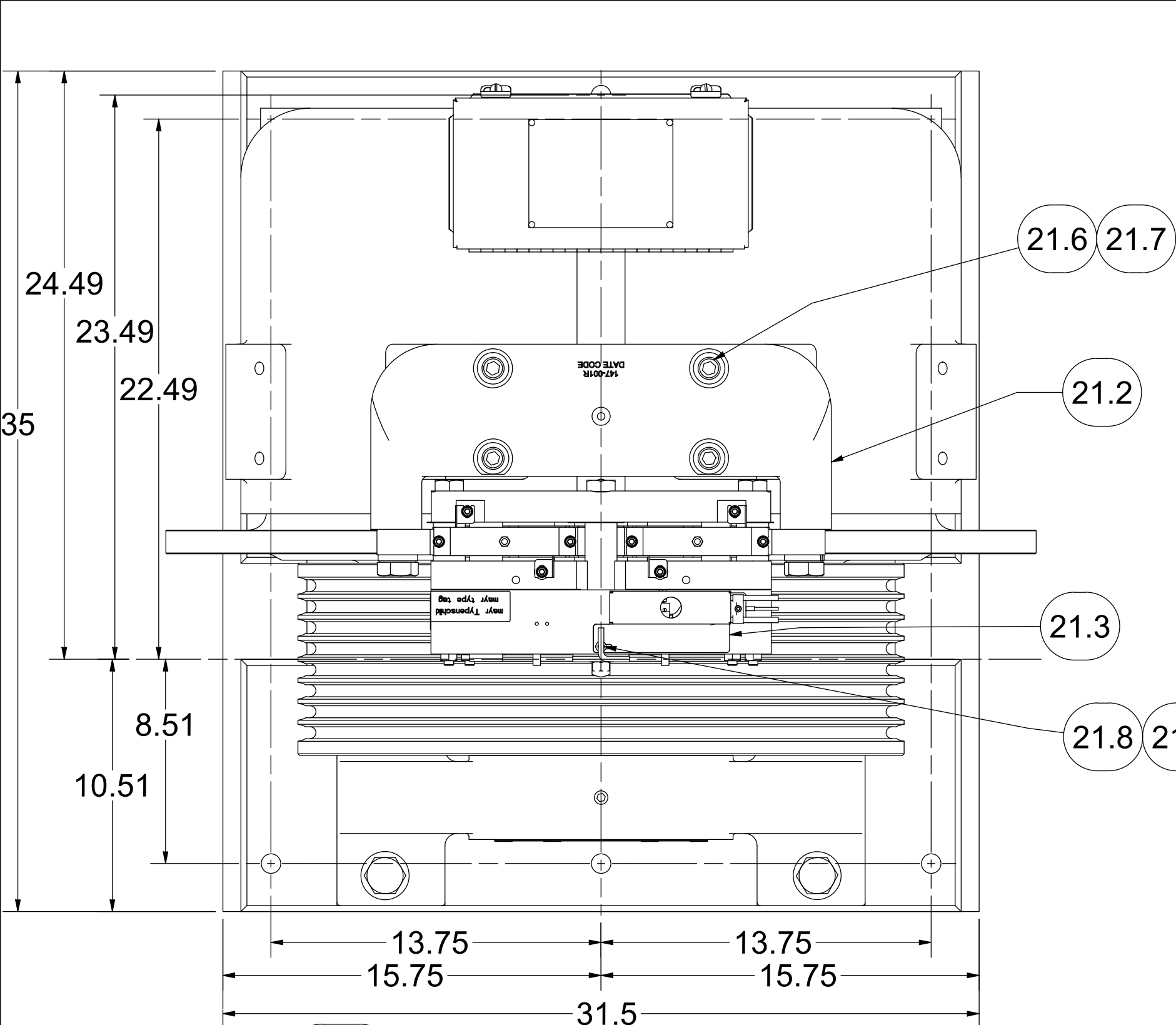
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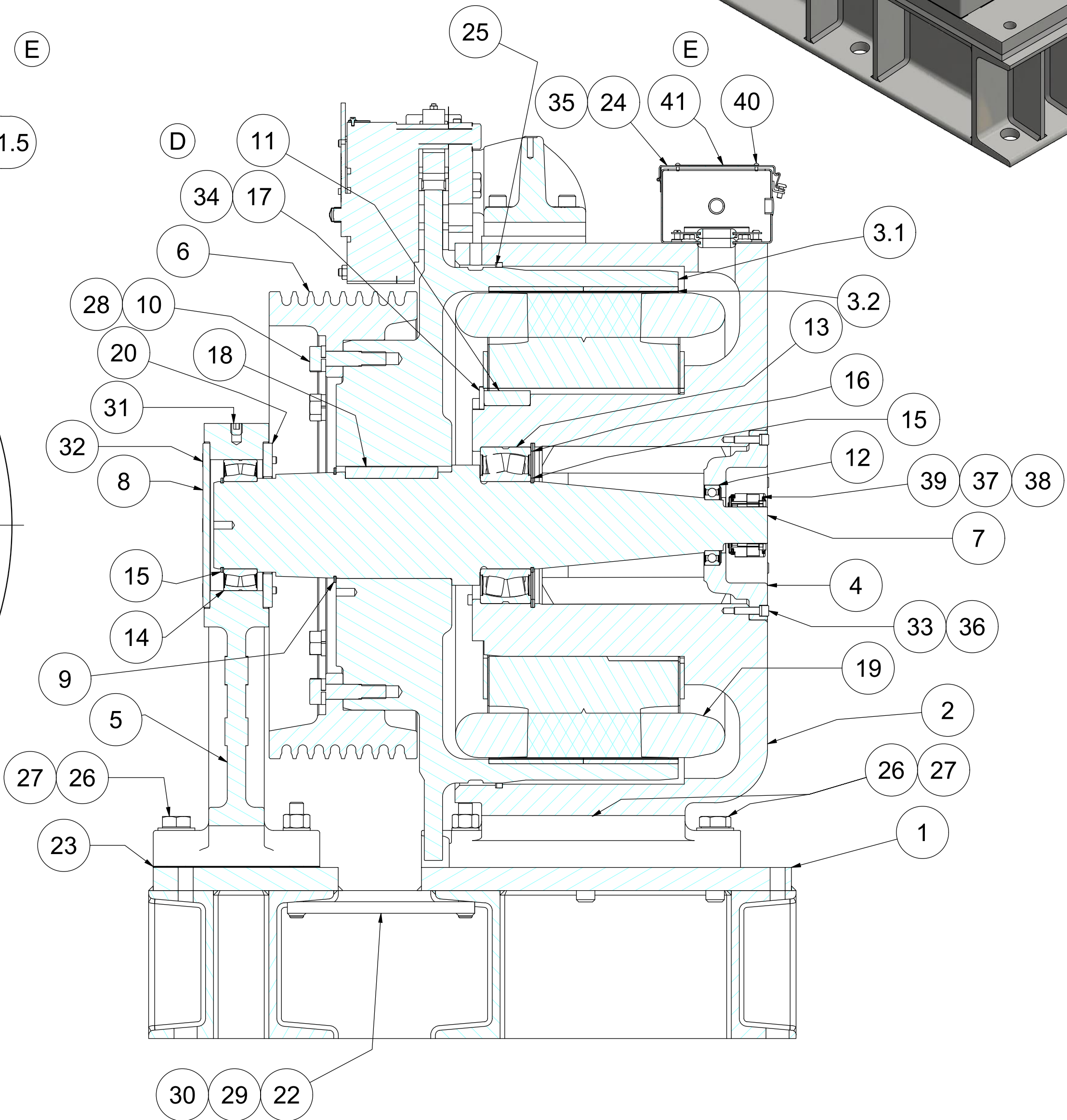
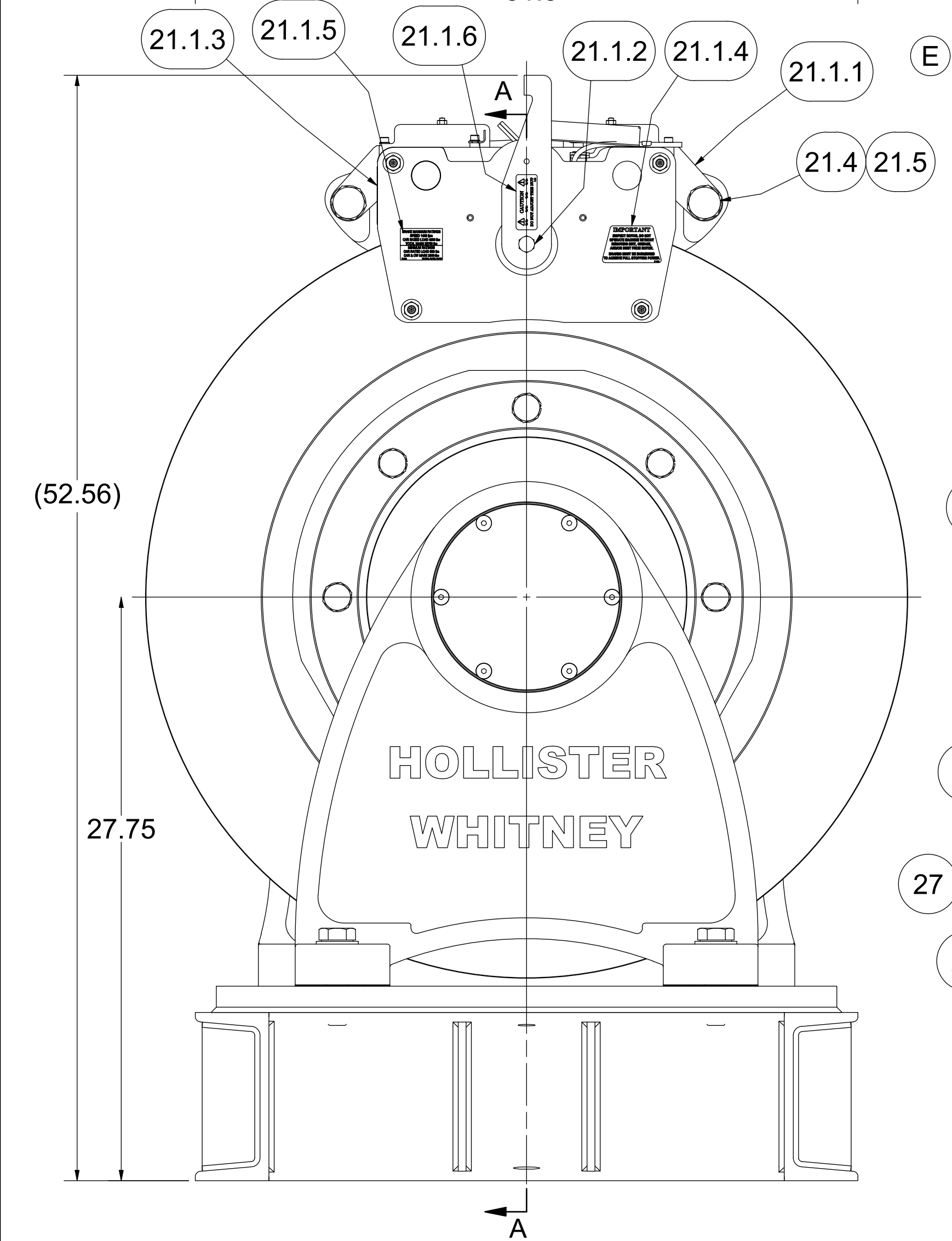
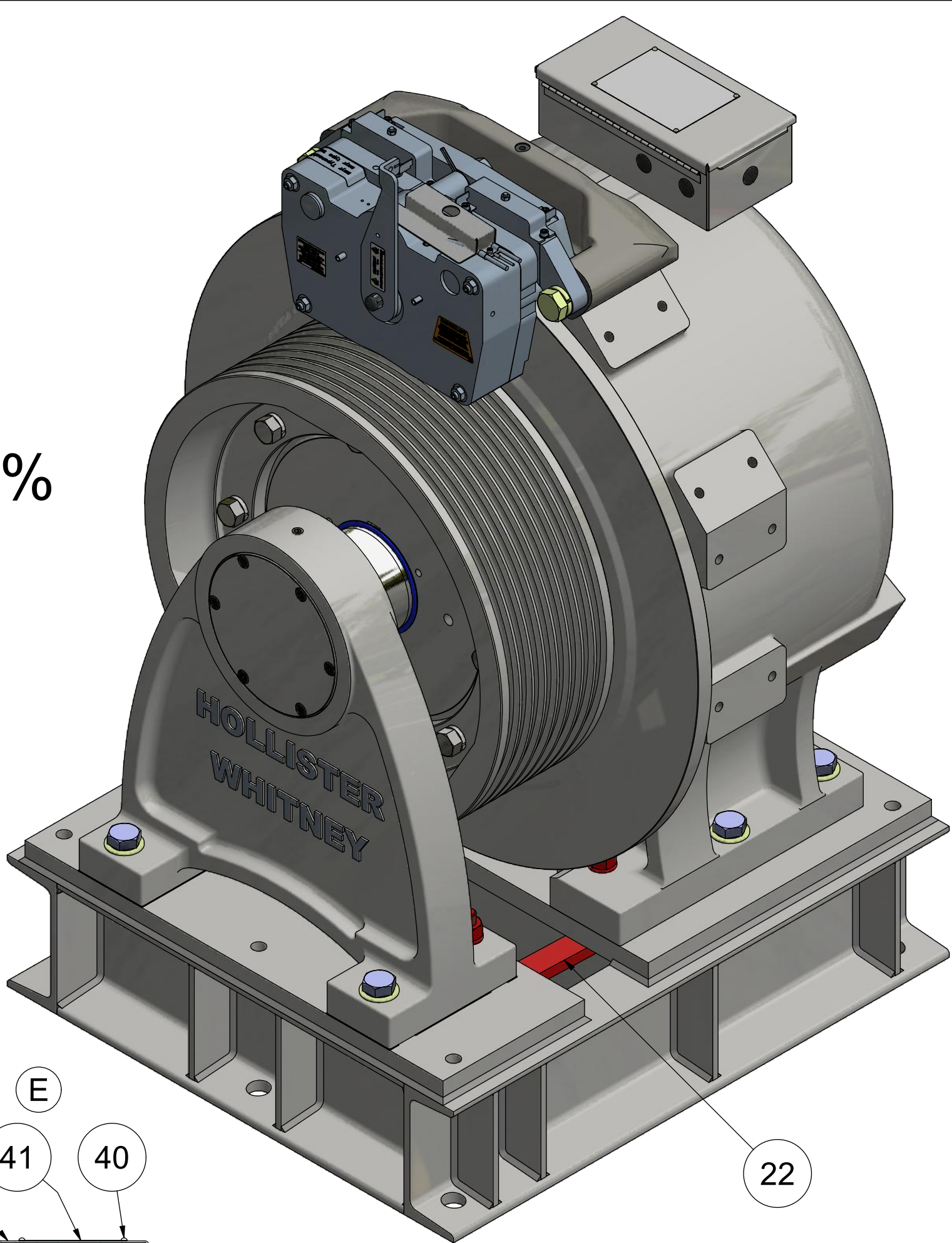
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL186BS	GEARLESS MACHINE (4375 LBS MAX CAPACITY); 1:1 ROPED	4102.586 lbmass
2	1	GL185BS-156A	FOUNDATION PLATE ASSEMBLY - GL185 BASEMENT SET	593.364 lbmass
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass

- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
- 2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIES AND DISCARD
- 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
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- 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")





25" SHEAVE
4500# CAP. MAX @ 50%



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL260BS-01	FINISHING BASE, BASEMENT SET, GL260
2	1	GL260-001	BASE HOUSING, MOTOR #GL260
3	1	GL260-002	ROTOR ASSEMBLY - MOTOR #GL260
3.1	1	GL260-004	ROTOR
3.2	80	GL260-099	PERMANENT MAGNET - #GL260 & GL130A MOTORS
4	1	GL260-005	BEARING CAP
5	1	GL185-006	OUTBOARD STAND, AC GEARLESS
6	1	GL185-008	TRACTION SHEAVE, 25"
7	1	GL260-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL185-020	RETAINING RING - ROTOR
10	8	GL185-073	BODY BOLT
11	1	GL100-088	KEY - STATOR CORE TO BASE
12	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
15	2	GL130-092	RETAINING RING - SHAFT
16	1	GL130-093	RETAINING RING - HOUSING
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
18	1	GL185-095	KEY - MAIN SHAFT TO ROTOR
19	1	GL260-100	WINDING ASSEMBLY - 40 POLE
20	1	GL185-104	CAP
21	1	GL185-147	DISC BRAKE (MAYR 10.1) ASSEMBLY
21.1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
21.1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206
21.1.2	1	142-050	BLACK VINYL CAP
21.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
21.1.6	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
21.2	1	147-001	BRAKE BASE
21.3	1	147-003	COVER - MAYR #10.1 ELECTRICAL
21.4	2	1-8 UNC - 3.25	Hex Cap Screw
21.5	2	1 WASHER	Helical Spring Lock Washers
21.6	4	5/8 - 11 UNC x 2.5"	SOCKET HEAD CAP SCREW
21.7	4	5/8 WASHER	STANDARD WASHER
21.8	1	M4 x 0.7 x 8 mm	SHCS - METRIC
21.9	1	#8 WASHER	STANDARD WASHER
21.10	AS NEC	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
		143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
22	2	GL185BS-156-5	SHIPPING BOLT
23	AS NEC	GL185-157-05	OUTBOARD STAND SHIM - 0.005"
		GL185-157-10	OUTBOARD STAND SHIM - 0.010"
		GL185-157-31	OUTBOARD STAND SHIM - 0.031"
24	1	GL185-159	HOFFMAN ELECTRICAL ENCLOSURE, A12064CH MODIFIED
25	1	GL100-165-1	FELT DUST SEAL
26	6	1 - 8 UNC x 4"	HEX HEAD CAP SCREW
27	6	1" WASHER	SAE WASHER
28	8	13/16 WASHER	Heavy Helical Spring Lock Washers(Inch Series)
29	4	3/4 - 10 UNC	HEAVY HEX NUT
30	4	3/4 WASHER	SAE WASHER
31	1	5/8-11 UNC x 0.625	FLAT POINT SET SCREW
32	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
33	6	3/8 - 16 UNC - 1 1/2	Hexagon Socket Head Cap Screw
34	3	3/8 - 16 UNC - 1 1/4	Hexagon Socket Head Cap Screw
35	4	3/8-16 UNC x 0.5	Hex Flange Screw - Regular Thread - Inch
36	6	3/8 Washers	High-Collar Helical Spring Lock Washers
37	4	#8 - 32 UNC - 1/4	Hexagon Socket Head Cap Screw
38	4	#8 LOCK WASHER	EXT. TOOTH LOCK WASHER
39	1	ECN 113 52810061	50mm HEIDENHAIN ENCODER
40	4	#6 U x 0.3125	DRIVE SCREW
41	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE

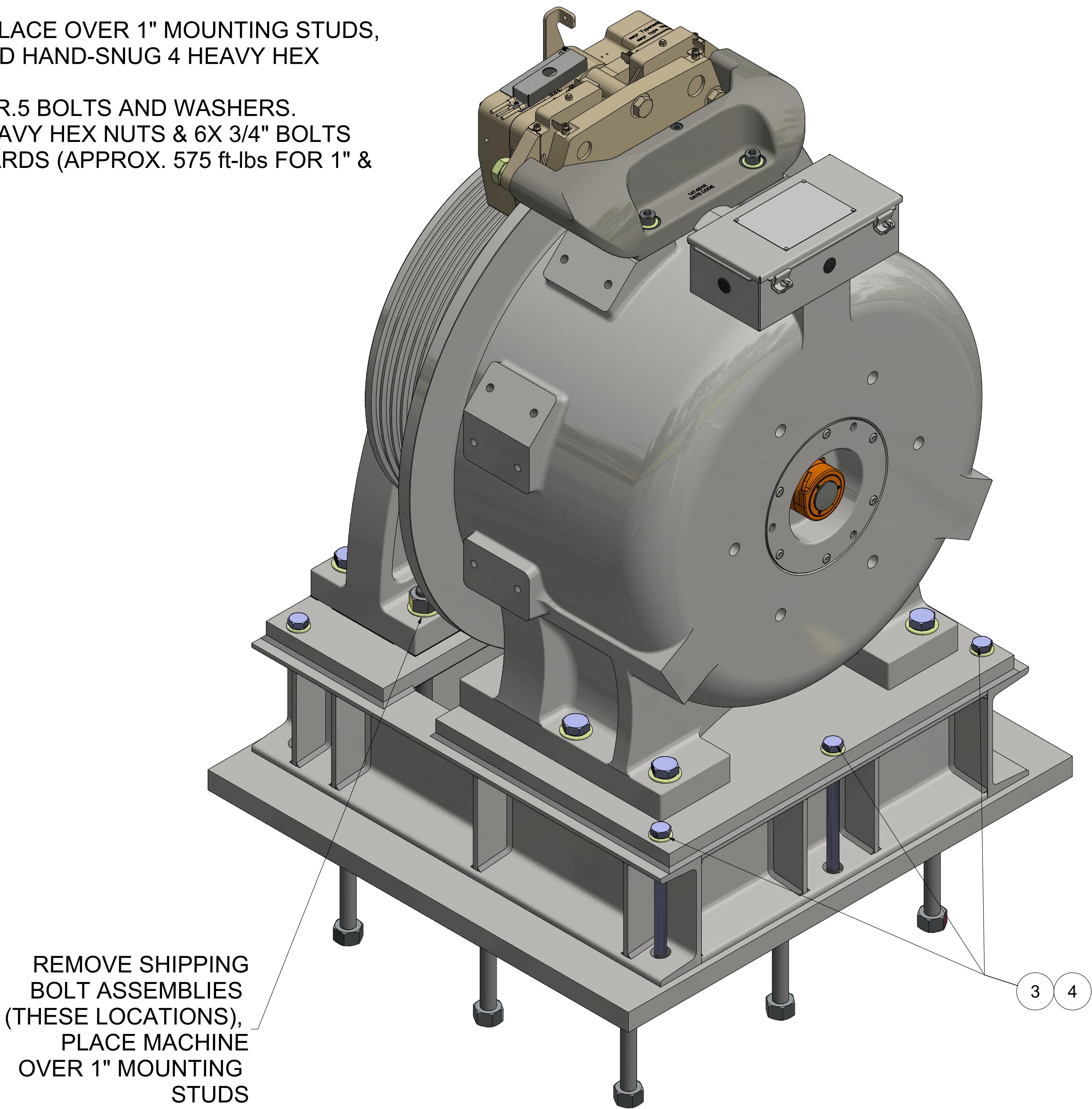
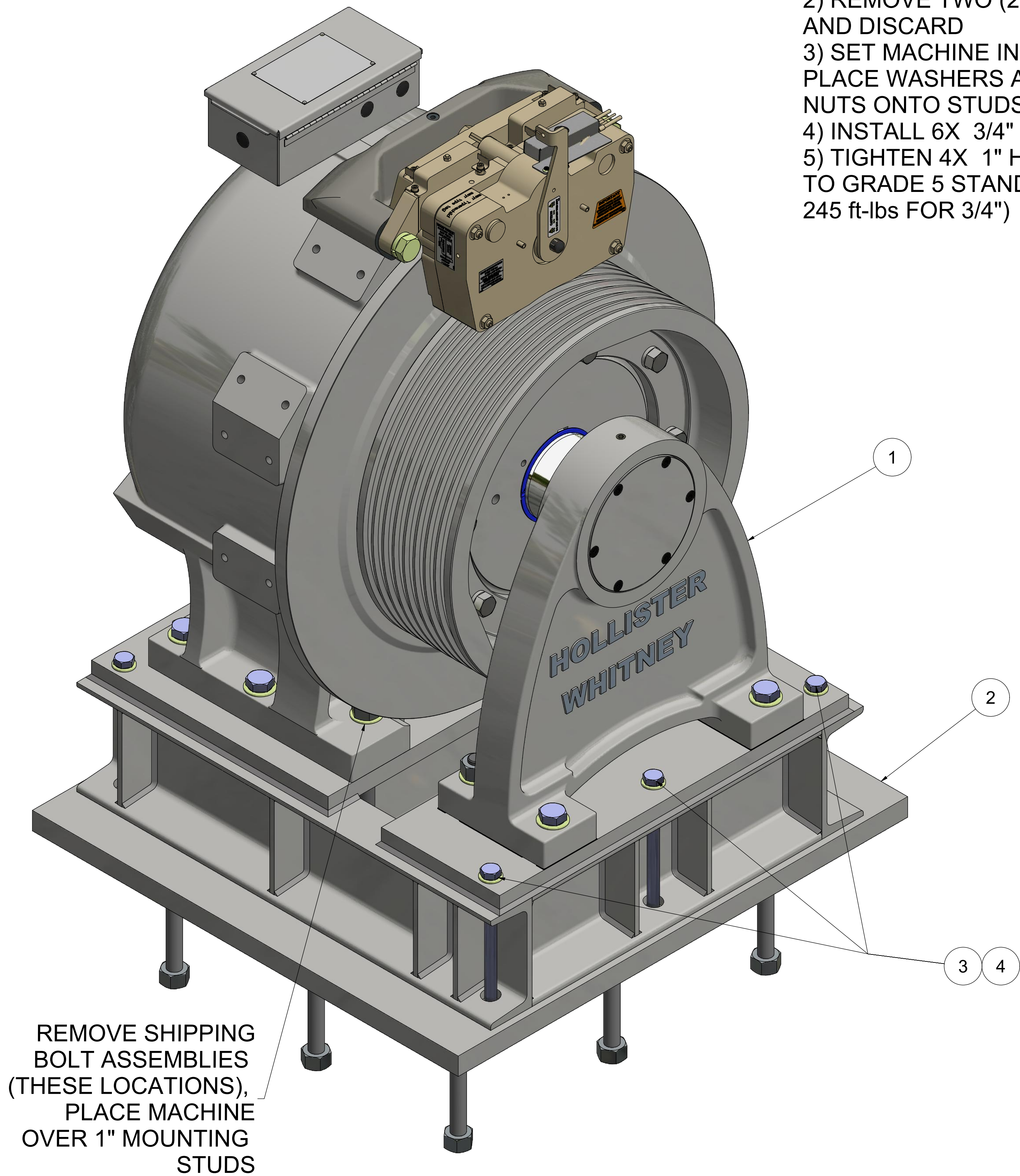
MACHINE #	WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	MACHINE SPEED (RPM)	CAR SPEED (fpm)
GL260-35L	GL260-170-350	90	260	170	53.5	350
GL260-35H	GL260-360-350	90	260	360	53.5	350
GL260-50L	GL260-170-500	90	260	170	53.5	500
GL260-50H	GL260-360-500	90	260	360	53.5	500
GL260-70L	GL260-170-700	90	260	170	53.5	700

WEIGHT: 4854.4 lbmass

			D	3X GL100-094-1 WAS 1X GL185-094, 3X 3/8 x 1.25 SHCS WAS 6X, 6 X 3/8 WASHER WAS 12X, PUR #1111	LTL 10/28/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC	
E	UPDATE BRAKE PARTS LIST & TAGS, PUR #1260	LTL 1/7/20				TITLE	
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC (MANUFACTURER) HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.						THIRD ANGLE PROJECTION	
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						DRAWN BY LTL 1/5	
						SCALE 1/5	
						MATERIAL	
						SEE MATERIAL LIST	
						REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
						DATE 2/12/2014	
						GL260-BS SHEET 1 OF 3	

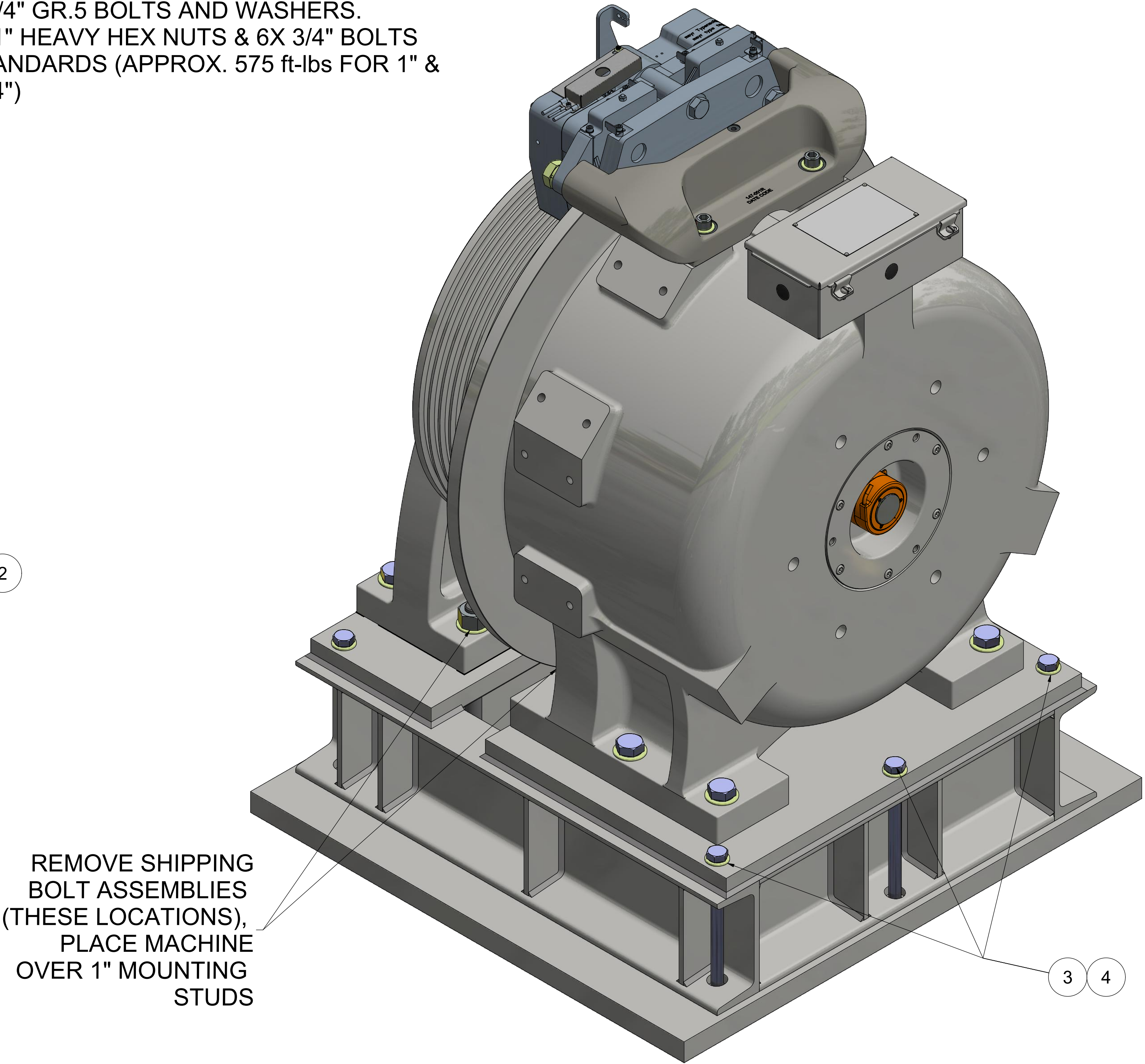
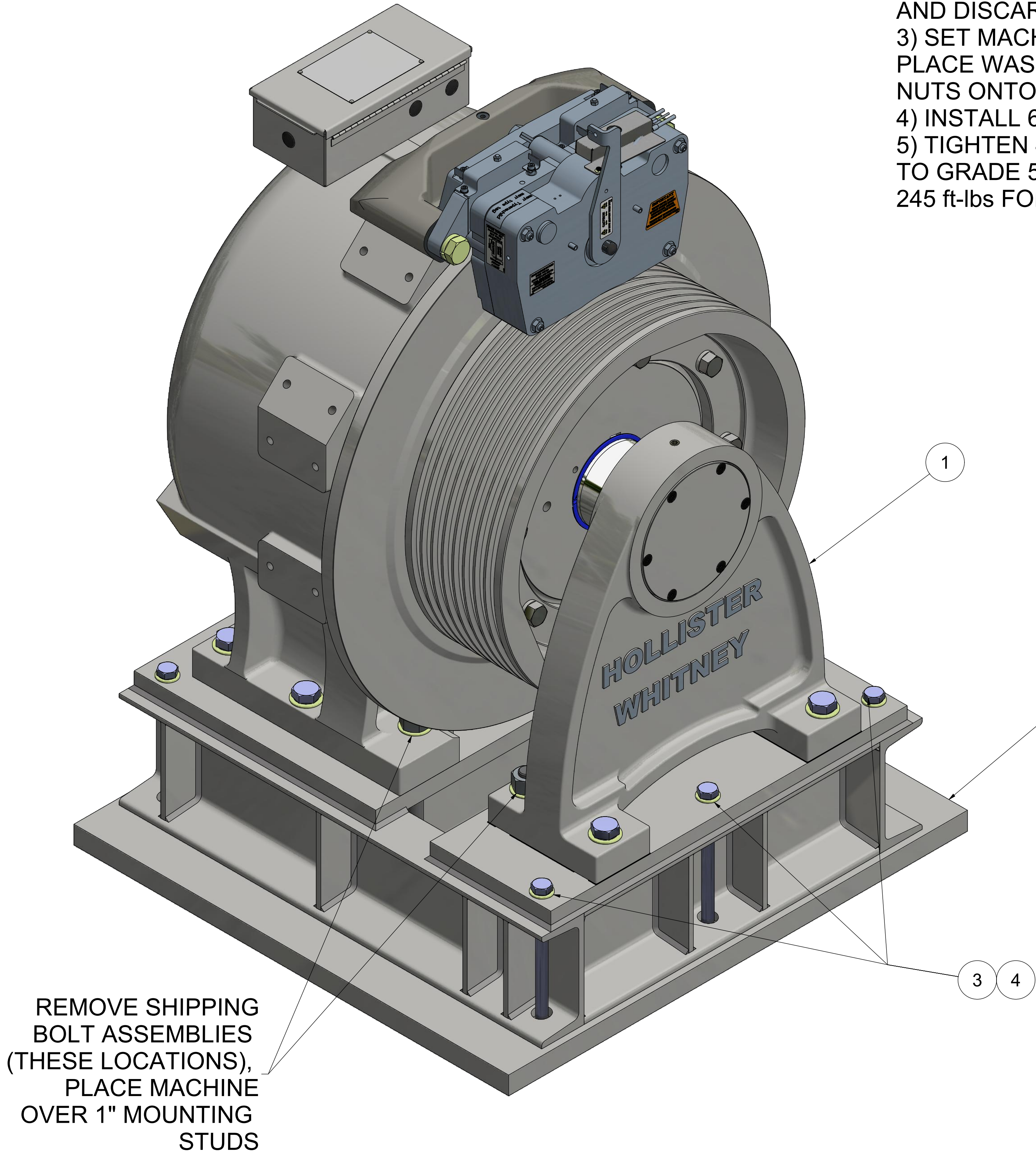
PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL260-BS	GEARLES MACHINE, 4000# MAX CAP, 1:1 ROPED	4845.24 lbmass
2	1	GL260BS-156	FOUNDATION PLATE ASSEMBLY - GL260 BASEMENT SET	619.20 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.49 lbmass
4	6	3/4 WASHER	SAE WASHER	0.04 lbmass

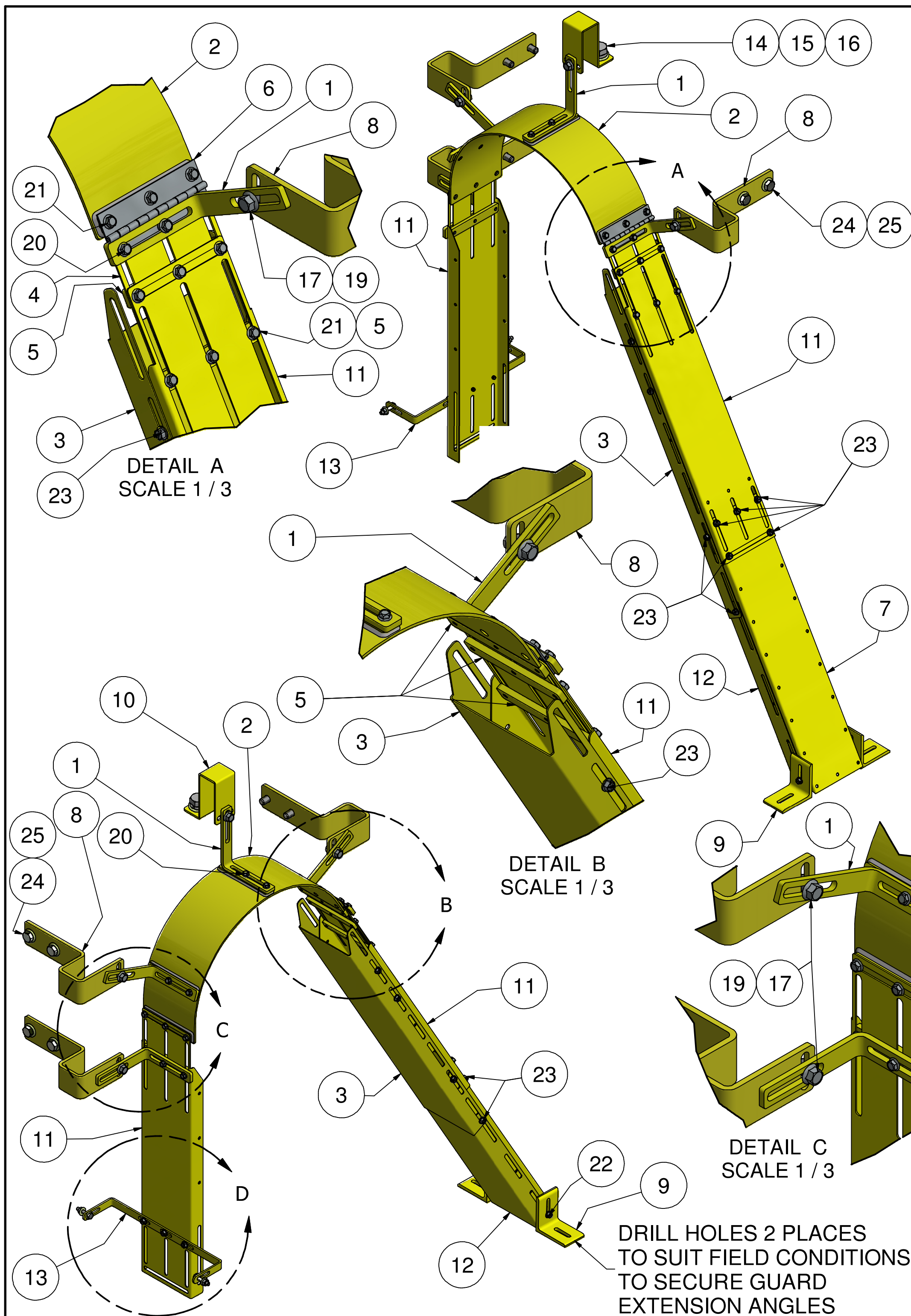
- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
2) REMOVE TWO (2) 3/4" SHIPPING BOLT ASSEMBLIES AND DISCARD
3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
1	1	GL260-BS	GEARLES MACHINE, 4000# MAX CAP, 1:1 ROPED	4845.24 lbmass
2	1	GL260BS-156A	FOUNDATION PLATE ASSEMBLY - GL260 BASEMENT SET	593.36 lbmass
3	6	3/4 -10 UNC x 10.75"	HEX CAP SCREW	1.49 lbmass
4	6	3/4 WASHER	SAE WASHER	0.04 lbmass

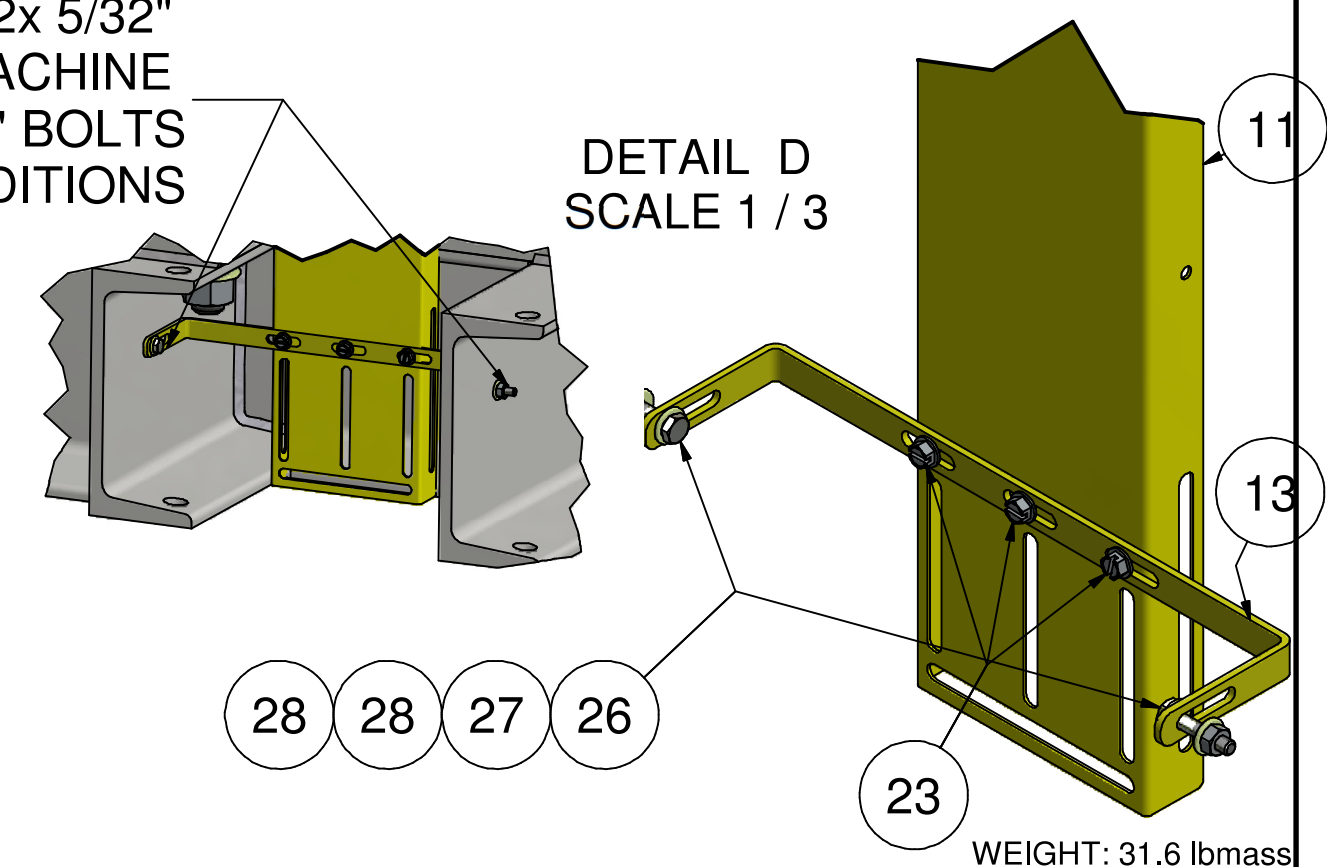
- 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
- 2) REMOVE TWO (2) 3/4" SHIPPING BOLT ASSEMBLIES AND DISCARD
- 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS
- 4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.
- 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")



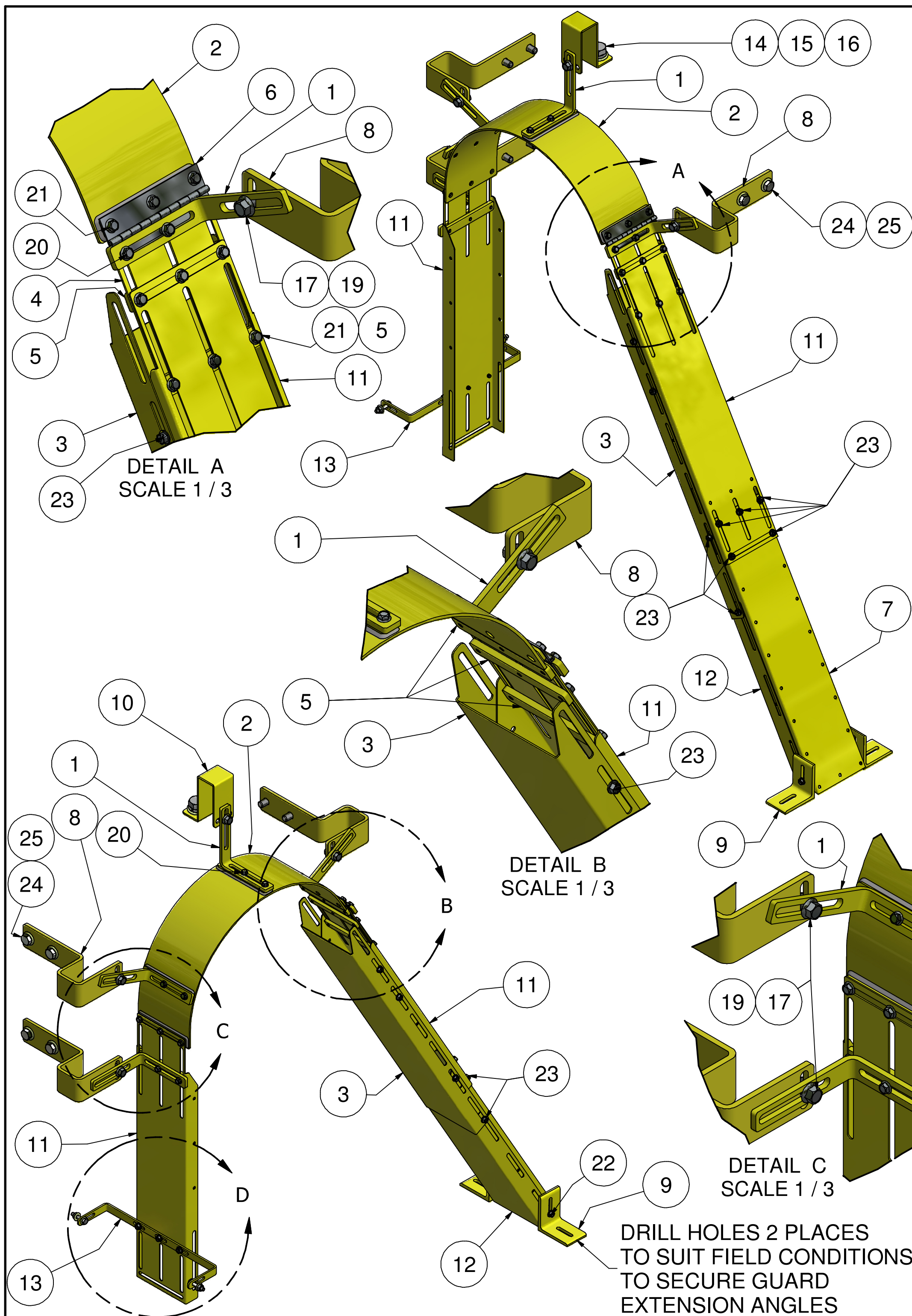


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	GL101-160	GUARD BRACKET
2	1	GL101-161	GUARD ASSEMBLY - 15" TW
3	1	GL101-163	BOTTOM EXTENSION COVER - LONG
4	1	GL171-164	GUARD BRACKET
5	4	GL171-165	GUARD BRACKET
6	1	GL171-166	HINGE - GUARD
7	1	GL101-168	GUARD EXTENSION - LONG
8	3	GL171-169	HOUSING TO GUARD BRACKET - HEAVY
9	2	GL171-170	FLOOR TO GUARD BRACKET
10	1	GL171-171	HOUSING TO GUARD BRACKET - CENTER
11	2	GL101-172	TOP EXTENSION - LONG
12	1	GL101-173	BOTTOM EXTENSION COVER - SHORT
13	1	GL101-175	GUARD TO BASE BRACKET
14	1	3/4 - 10 UNC x 1.0	HEX HEAD CAP SCREW
15	1	3/4" WASHER	STANDARD LOCK WASHER
16	1	3/4 WASHER	SAE WASHER
17	3	3/8 - 16 UNC x 0.75"	WHIZ BOLT
18	1	3/8 - 16 UNC x 0.625"	WHIZ BOLT
19	4	3/8 UNC	WHIZ NUT
20	8	1/4 - 20 UNC x 0.625"	WHIZ BOLT
21	14	1/4 - 20 UNC x 0.375"	WHIZ BOLT
22	2	1/4 - 20 UNC x 0.5"	HEX WASHER THREAD FORMING - TYPE F
23	17	1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
24	6	1/2 - 13 UNC x 1.0	HEX HEAD CAP SCREW
25	6	1/2" WASHER	STANDARD WASHER
26	2	1/4 - 20 UNC x 1.25"	HEX HEAD CAP SCREW
27	2	1/4 - 20 UNC	HEX NUT
28	4	1/4" WASHER	STANDARD WASHER

LOCATE & DRILL 2x 5/32"
HOLES IN MACHINE
BASE & SECURE 1/4" BOLTS
TO SUIT FIELD CONDITIONS

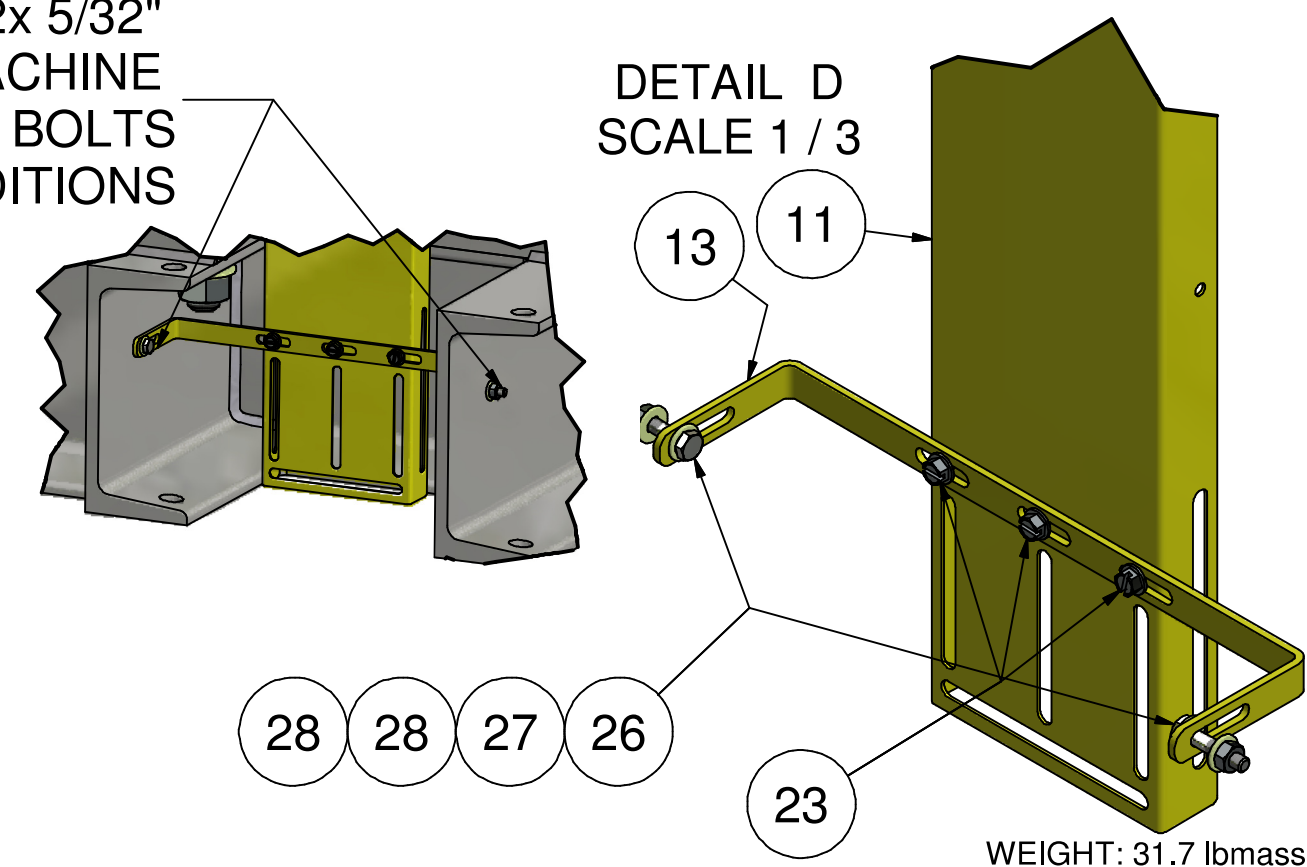


								HOLLISTER-WHITNEY					
								ELEVATOR CO. LLC					
								TITLE GUARD ASSEMBLY - SMALL FRAME GEARLESS MACHINE, 15" T.W.					
								DRAWN BY LTL		SCALE 1/6	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
								SHEET SIZE C		DATE 12/12/2017		GL101-176 SHEET 1 OF 1	
		A		PRODUCTION RELEASE, PUR # 921		LTL 12/13/17							



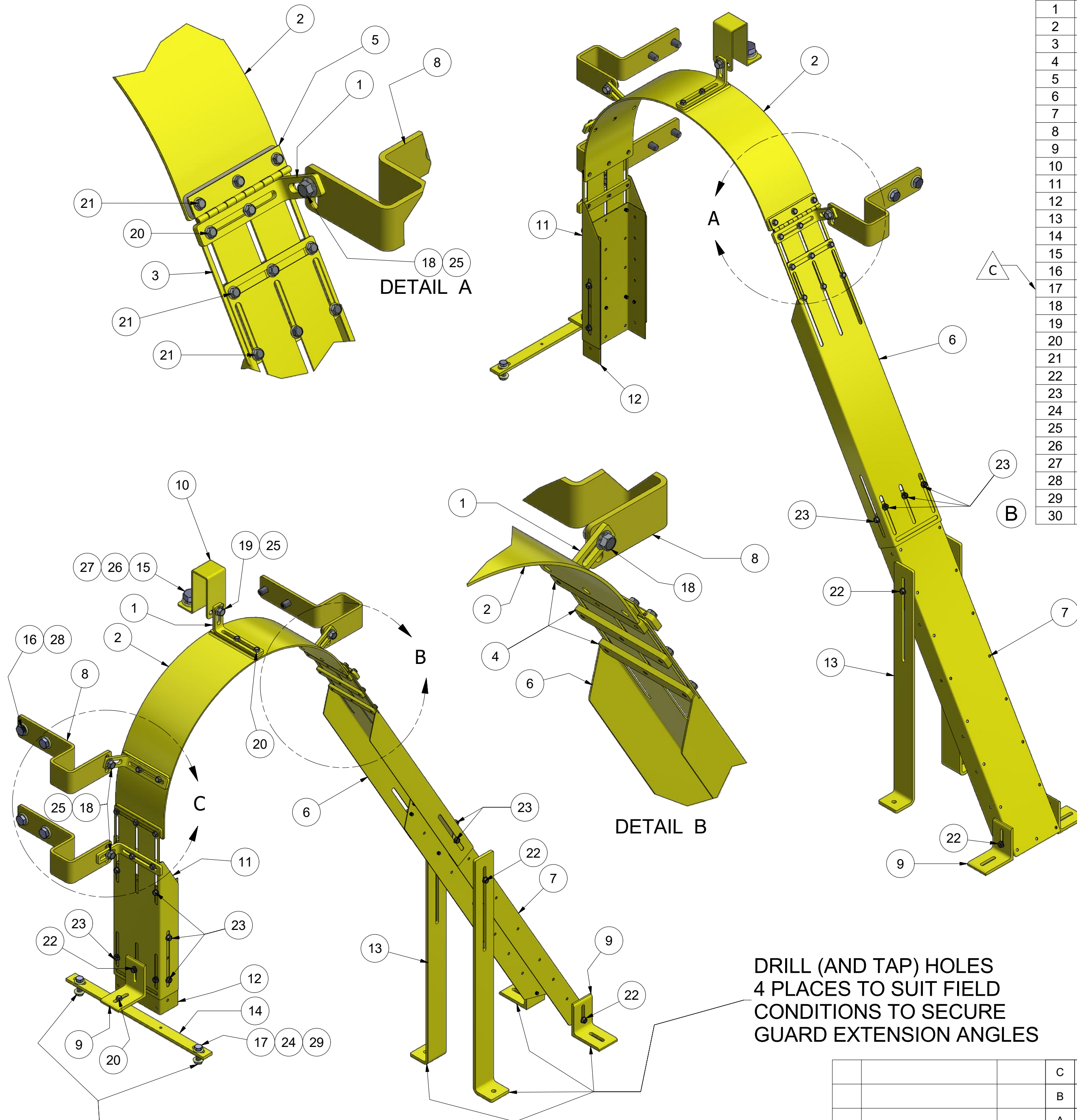
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	GL101-160	GUARD BRACKET
2	1	GL101-161-1	GUARD ASSEMBLY - 15.75" TW
3	1	GL101-163	BOTTOM EXTENSION COVER - LONG
4	1	GL171-164	GUARD BRACKET
5	4	GL171-165	GUARD BRACKET
6	1	GL171-166	HINGE - GUARD
7	1	GL101-168	GUARD EXTENSION - LONG
8	3	GL171-169	HOUSING TO GUARD BRACKET - HEAVY
9	2	GL171-170	FLOOR TO GUARD BRACKET
10	1	GL171-171	HOUSING TO GUARD BRACKET - CENTER
11	2	GL101-172	TOP EXTENSION - LONG
12	1	GL101-173	BOTTOM EXTENSION COVER - SHORT
13	1	GL101-175	GUARD TO BASE BRACKET
14	1	3/4 - 10 UNC x 1.0	HEX HEAD CAP SCREW
15	1	3/4" WASHER	STANDARD LOCK WASHER
16	1	3/4 WASHER	SAE WASHER
17	3	3/8 - 16 UNC x 0.75"	WHIZ BOLT
18	1	3/8 - 16 UNC x 0.625"	WHIZ BOLT
19	4	3/8 UNC	WHIZ NUT
20	8	1/4 - 20 UNC x 0.625"	WHIZ BOLT
21	14	1/4 - 20 UNC x 0.375"	WHIZ BOLT
22	2	1/4 - 20 UNC x 0.5"	HEX WASHER THREAD FORMING - TYPE F
23	17	1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
24	6	1/2 - 13 UNC x 1.0	HEX HEAD CAP SCREW
25	6	1/2" WASHER	STANDARD WASHER
26	2	1/4 - 20 UNC x 1.25"	HEX HEAD CAP SCREW
27	2	1/4 - 20 UNC	HEX NUT
28	4	1/4" WASHER	STANDARD WASHER

LOCATE & DRILL 2x 5/32"
HOLES IN MACHINE
BASE & SECURE 1/4" BOLTS
TO SUIT FIELD CONDITIONS



DRILL HOLES 2 PLACES
TO SUIT FIELD CONDITIONS
TO SECURE GUARD
EXTENSION ANGLES

				HOLLISTER-WHITNEY			
				ELEVATOR CO. LLC			
				TITLE GUARD - SMALL FRAME GEARLESS MACHINE, 15.75" T.W.			
DRAWN BY LTL		SCALE 1/6	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED		GL101-177	
SHEET SIZE C		DATE 4/16/2018				SHEET 1 OF 1	
		A		PRODUCTION RELEASE, PUR # 918		LTL 4/16/18	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	GL171-160	GUARD BRACKET
2	1	GL171-161	GUARD ASSEMBLY - AC GEARLESS 20" TW
3	1	GL171-164	GUARD BRACKET
4	4	GL171-165	GUARD BRACKET
5	1	GL171-166	HINGE - GUARD
6	1	GL171-167	TOP EXTENSION
7	1	GL171-168	GUARD EXTENSION - LONG
8	3	GL171-169	HOUSING TO GUARD BRACKET - HEAVY
9	3	GL171-170	FLOOR TO GUARD BRACKET
10	1	GL171-171	HOUSING TO GUARD BRACKET - CENTER
11	1	GL171-172	TOP EXTENSION - SHORT
12	1	GL171-173	GUARD EXTENSION - SHORT
13	2	GL185-174	BASE BRACKET - T.S. GUARD
14	1	GL171-175	GUARD TO BASE BRACKET
15	1	3/4" - 10 UNC x 1"	HEX CAP SCREW
16	6	1/2" - 13 UNC x 1"	HEX CAP SCREW
17	2	3/8" - 16 UNC x 1 1/4"	HEX CAP SCREW
18	3	3/8 - 16 UNC x 0.75"	WHIZ BOLT
19	1	3/8 - 16 UNC x 0.625"	WHIZ BOLT
20	9	1/4 - 20 UNC x 0.625"	WHIZ BOLT
21	14	1/4 - 20 UNC x 0.375"	WHIZ BOLT
22	5	1/4 - 20 UNC x 0.5"	HEX WASHER THREAD FORMING - TYPE F
23	12	1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
24	2	3/8 - 16 UNC	HEX JAM NUT
25	4	3/8 UNC	WHIZ NUT
26	1	3/4 WASHER	SAE WASHER
27	1	3/4" WASHER	STANDARD LOCK WASHER
28	6	1/2" WASHER	SAE WASHER
29	4	3/8" WASHER	STANDARD WASHER
30	2	GL171-169OB	OPTIONAL OUTBOARD STAND BRACKET (SEE PAGE 2)

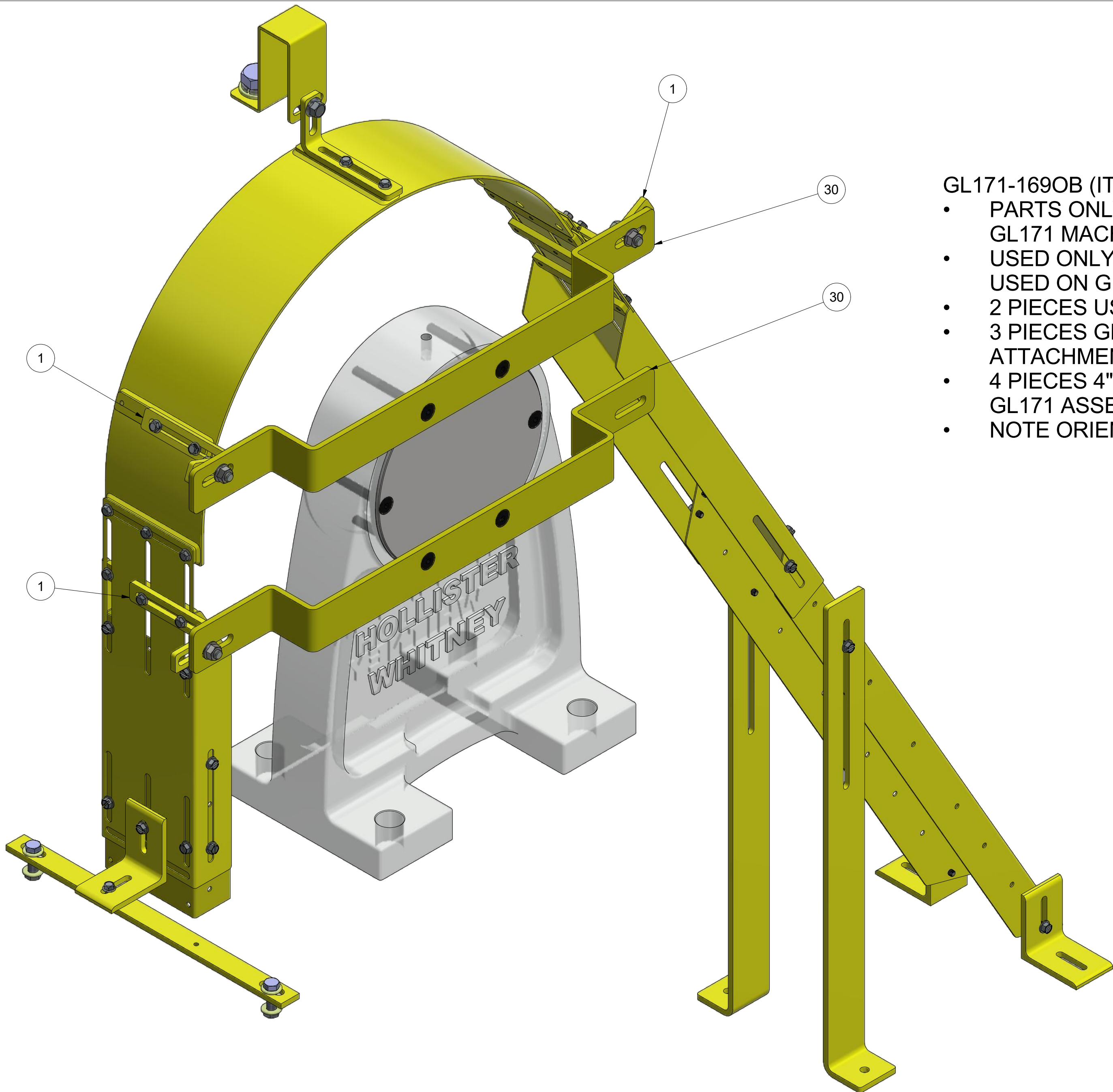
BOLT THROUGH EXISTING HOLES ON MACHINE BEDPLATE

(B) SEE PAGE 2 OF 2 FOR DETAILS OF GL171-169OB USE

DRILL (AND TAP) HOLES
4 PLACES TO SUIT FIELD
CONDITIONS TO SECURE
GUARD EXTENSION ANGLES


WEIGHT: 38.780 lbmass

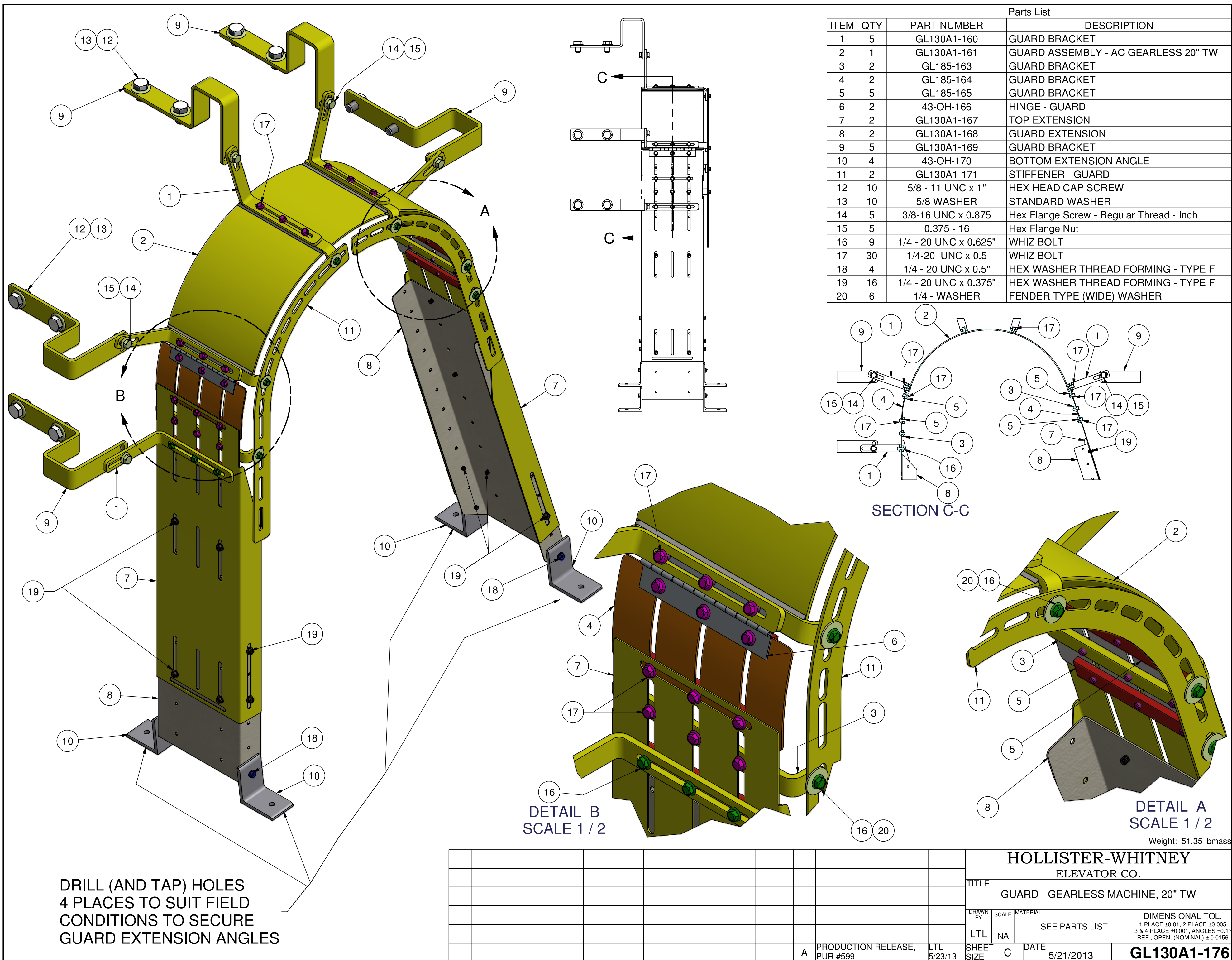
C		CORRECTED ITEM 17 PART #, PUR #1144	DRO 07/12/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC TITLE GUARD - GL171 GEARLESS MACHINE, 20" T.W.	
B		ADD OPTIONAL PART, PUR #1100	LTL 04/29/19		
A		PRODUCTION RELEASE, PUR #539	LTL 10/31/12		
THIRD ANGLE PROJECTION				DRAWN BY LTL	SCALE 1 / 6
				SHEET SIZE C	MATERIAL SEE PARTS LIST
				DATE 10/30/2012	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
					GL171-176 SHEET 1 OF 2



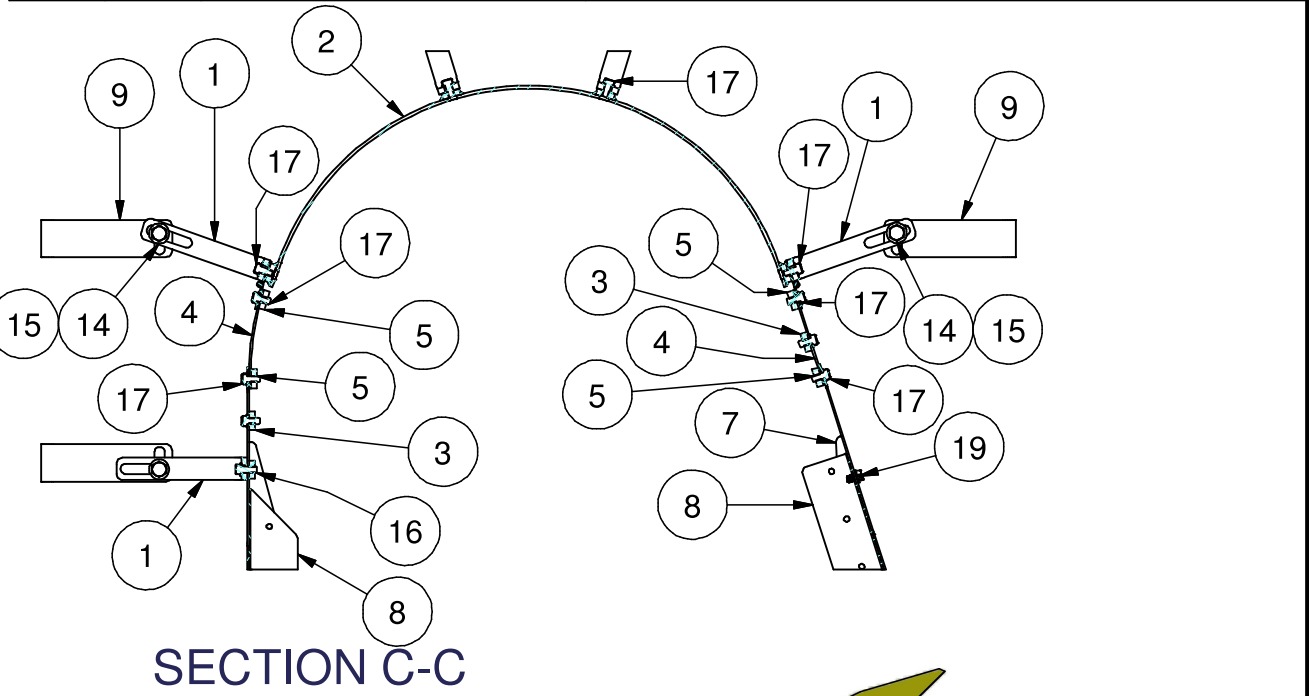
- GL171-169OB (ITEM 30) USAGE DETAILS
- PARTS ONLY USED WHEN GUARDING IS USED ON GL171 MACHINE ASSEMBLIES
 - USED ONLY WHEN FOUR (4) MAYR#6 BRAKES ARE USED ON GL171 MACHINE ASSEMBLIES.
 - 2 PIECES USED FOR EACH ASSEMBLY.
 - 3 PIECES GL171-160 (ITEM 1) FLIPPED AROUND FOR ATTACHMENT
 - 4 PIECES 4" FLAT HEAD CAP SCREWS (PART OF GL171 ASSEMBLY) USED FOR ATTACHEMENT
 - NOTE ORIENTATION OF PARTS

WEIGHT: 158.549 lbmass

			C	CORRECTED ITEM 17 PART #, PUR #1144	DRO 07/12/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
			B	ADD OPTIONAL PART, PUR #1100	LTL 04/29/19	TITLE			
			A	PRODUCTION RELEASE, PUR #539	LTL 10/31/12	GUARD - GL171 GEARLESS MACHINE, 20" T.W.			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 3	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE C		DATE 10/30/2012	



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	5	GL130A1-160	GUARD BRACKET
2	1	GL130A1-161	GUARD ASSEMBLY - AC GEARLESS 20" TW
3	2	GL185-163	GUARD BRACKET
4	2	GL185-164	GUARD BRACKET
5	5	GL185-165	GUARD BRACKET
6	2	43-OH-166	HINGE - GUARD
7	2	GL130A1-167	TOP EXTENSION
8	2	GL130A1-168	GUARD EXTENSION
9	5	GL130A1-169	GUARD BRACKET
10	4	43-OH-170	BOTTOM EXTENSION ANGLE
11	2	GL130A1-171	STIFFENER - GUARD
12	10	5/8 - 11 UNC x 1"	HEX HEAD CAP SCREW
13	10	5/8 WASHER	STANDARD WASHER
14	5	3/8-16 UNC x 0.875	Hex Flange Screw - Regular Thread - Inch
15	5	0.375 - 16	Hex Flange Nut
16	9	1/4 - 20 UNC x 0.625"	WHIZ BOLT
17	30	1/4-20 UNC x 0.5	WHIZ BOLT
18	4	1/4 - 20 UNC x 0.5"	HEX WASHER THREAD FORMING - TYPE F
19	16	1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
20	6	1/4 - WASHER	FENDER TYPE (WIDE) WASHER



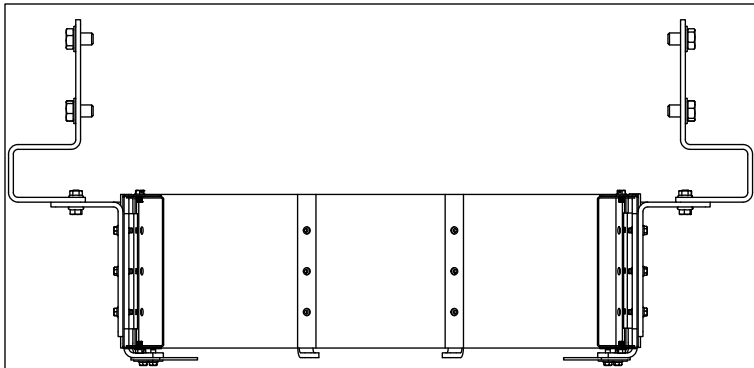
DETAIL B
SCALE 1 / 2

DETAIL A
SCALE 1 / 2

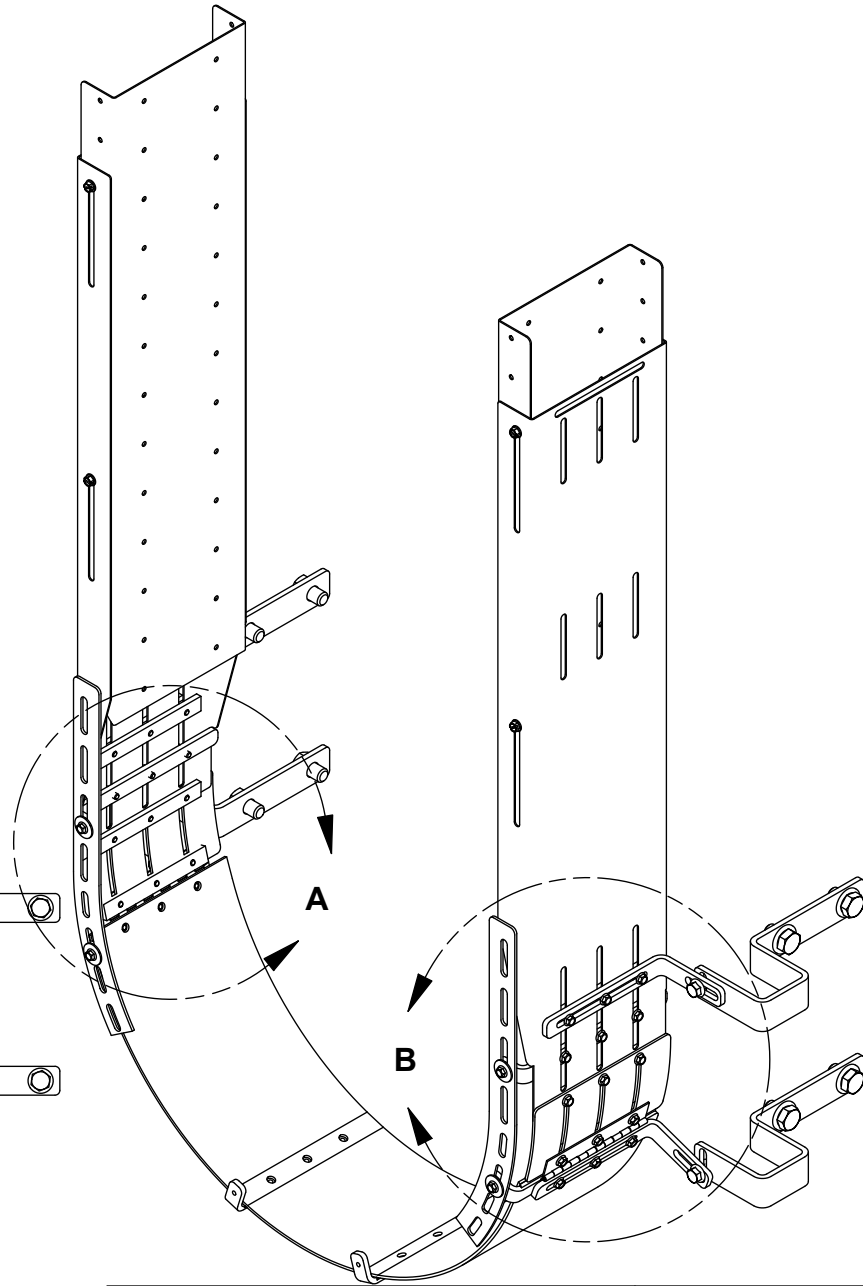
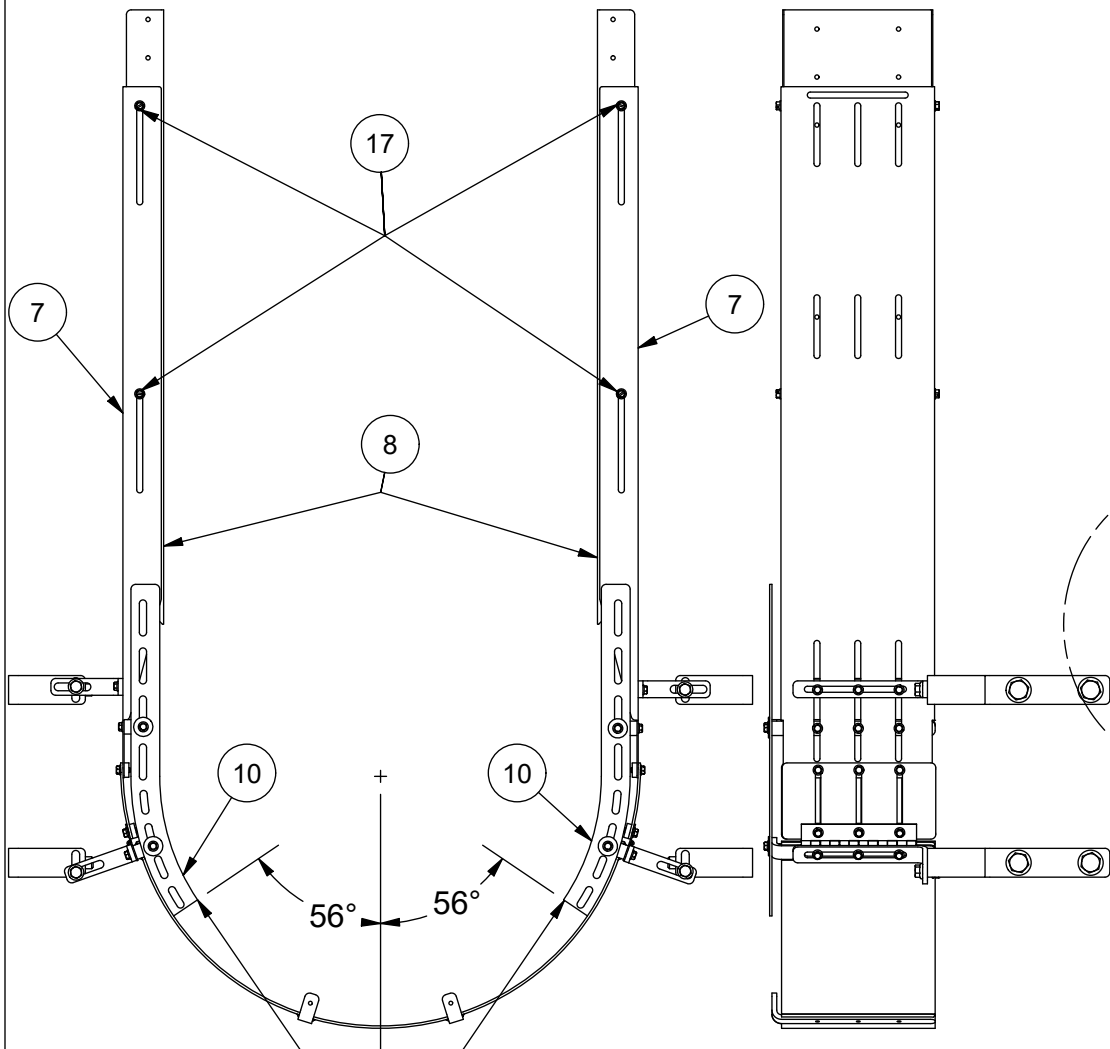
DRILL (AND TAP) HOLES
4 PLACES TO SUIT FIELD
CONDITIONS TO SECURE
GUARD EXTENSION ANGLES

						HOLLISTER-WHITNEY ELEVATOR CO.			
						TITLE GUARD - GEARLESS MACHINE, 20" TW			
						DRAWN BY LTL	SCALE NA	MATERIAL SEE PARTS LIST	DIMENSIONAL TOL. 1 PLACE ±0.01, 2 PLACE ±0.005 3 & 4 PLACE ±0.001, ANGLES ±0.1° REF., OPEN, (NOMINAL) ± 0.0156
A						PRODUCTION RELEASE, PUR #599		LTL 5/23/13	SHEET SIZE C
						DATE 5/21/2013		GL130A1-176	

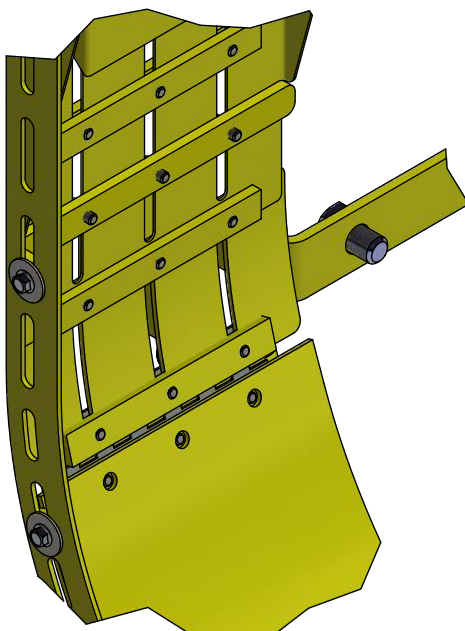
Weight: 51.35 lbmass



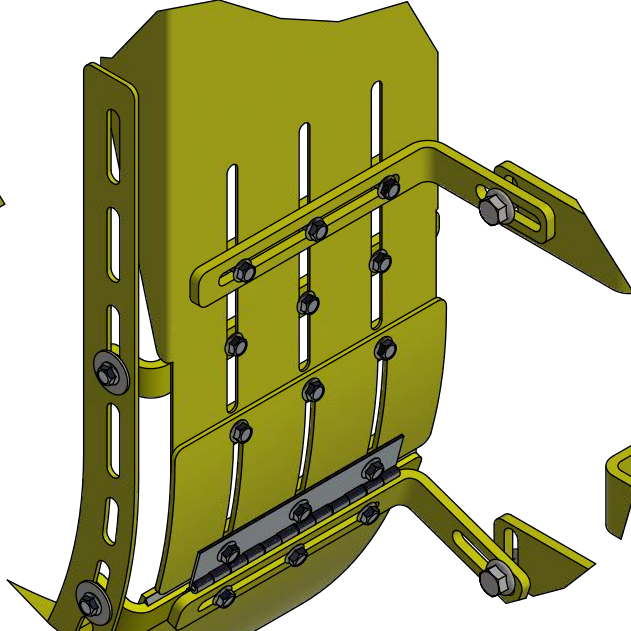
- ITEMS 8: TRIMMED TO MATCH FIELD CONDITIONS. NOTE THAT THE BOTTOM POTION OF ITEM 8 IS NECESSARY TO TIE IN WITH THE BOTTOM CURVED PORTION OF THE GUARD ASSEMBLY.
 - ITEMS 7: TRIMMED TO MATCH ITEM 8.
 - ITEMS 17 (SELF TAPPING SCREWS):
- USING THE SLOTS IN ITEM 8, MARK APPROPRIATE POINTS FOR SCREW PLACEMENT IN ITEMS 7.
 - DRILL 0.221" (#2) HOLES AT THOSE POINTS AND APPLY SCREWS.
 - AS NOTED, ITEM 10 IS TO BE TRIMMED IN THE FIELD AS NECESSARY.



ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	GL185-160	GUARD BRACKET
2	1	GL185-161	GUARD ASSEMBLY - AC GEARLESS 25" TW
3	2	GL185-163	GUARD BRACKET
4	2	GL185-164	GUARD BRACKET
5	6	GL185-165	GUARD BRACKET
6	2	43-OH-166	HINGE - GUARD
7	2	GL185-167	TOP EXTENSION
8	2	GL185-168	GUARD EXTENSION
9	4	GL185-169	GUARD BRACKET
10	2	GL185-171	STIFFENER - GUARD
11	8	5/8" - 11 UNC x 1"	HEX CAP SCREW
12	8	5/8 WASHER	STANDARD WASHER
13	4	3/8-16 UNC x 0.875	Hex Flange Screw - Regular Thread - Inch
14	4	0.375 - 16 UNC	Hex Flange Nut
15	16	1/4 - 20 UNC x 0.625"	WHIZ BOLT
16	18	1/4-20 UNC x 0.5	WHIZ BOLT
17	8	1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
18	4	1/4 WASHER	PLAINE FENDER WASHER



DETAIL A
SCALE 1:4



DETAIL B
SCALE 1 / 4

WEIGHT: 54.4 lbmass

ITEM 10 TO BE TRIMMED
IN THE FIELD AS NECESSARY.
56° FROM VERTICAL IS
APPROPRIATE FOR STRAIGHT
UP-PULL

A			HOLLISTER-WHITNEY ELEVATOR CO. LLC			
			TITLE BASEMENT SET GUARD ASSEMBLY - 25" WHEEL, GL130ABS, GL185BS, GL260BS			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.			PRODUCTION RELEASE, LTL PUR #1798 7/14/23		DRAWN BY LTL	
			THIRD ANGLE PROJECTION		SCALE 1/10	
					MATERIAL SEE PARTS LIST	
					REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
					GL185BS-176	
					SHEET 1 OF 1	

DRILL Ø7/16" HOLE IN MACHINE BASE TO SUIT FIELD CONDITIONS

DRILL (AND TAP) HOLES 4 PLACES TO SUIT FIELD CONDITIONS TO SECURE GUARD EXTENSION ANGLES

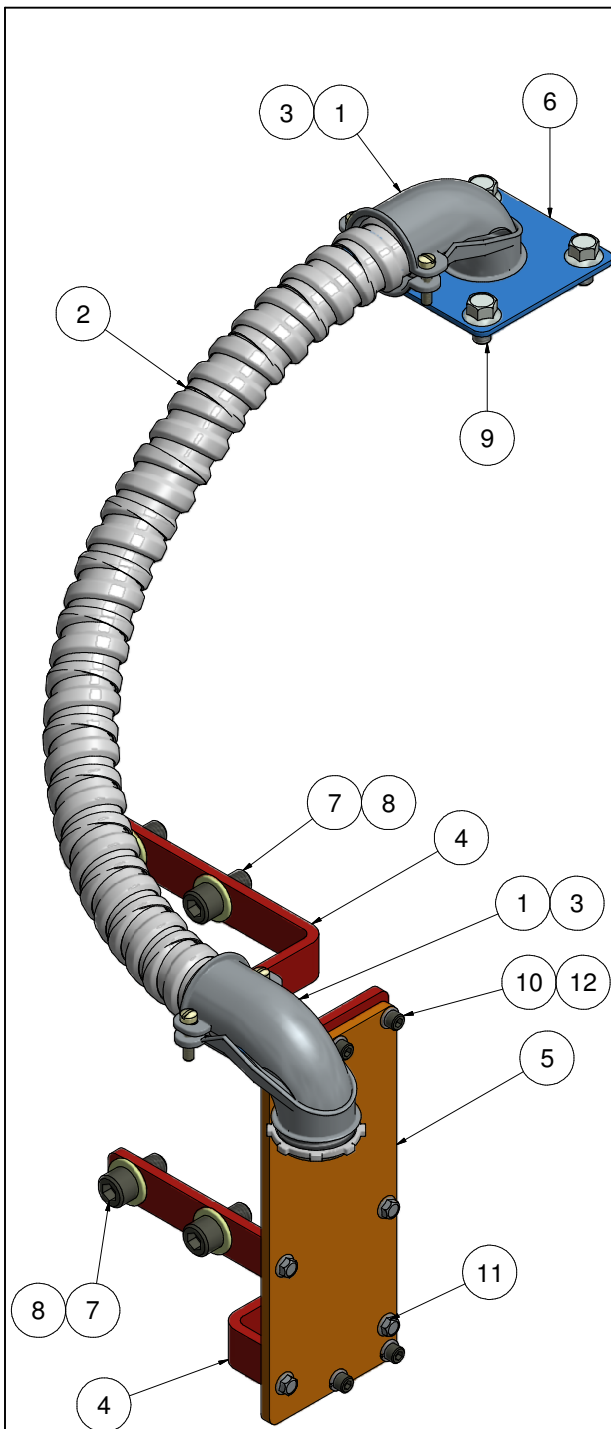
SECTION A-A

DETAIL B

Weight: 61.04 lbmass

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	5	GL185-160	GUARD BRACKET
2	1	GL185-161	GUARD ASSEMBLY - AC GEARLESS 25" TW
3	2	GL185-163	GUARD BRACKET
4	2	GL185-164	GUARD BRACKET
5	5	GL185-165	GUARD BRACKET
6	2	43-OH-166	HINGE - GUARD
7	1	GL185-167	TOP EXTENSION
8	1	GL185-168	GUARD EXTENSION
9	5	GL185-169	GUARD BRACKET
10	1	GL185-170	BRACKET - BASE TO GUARD
11	2	43-OH-170	BOTTOM EXTENSION ANGLE
12	2	GL185-171	STIFFENER - GUARD
13	1	GL185-172	TOP EXTENSION - SHORT
14	1	GL185-173	GUARD EXTENSION - SHORT
15	2	GL185-174	BASE BRACKET - T.S. GUARD
16	1	GL185-175	BRACKET - T. S. GUARD RETAINER
17	10	5/8 - 11 UNC x 1"	HEX HEAD CAP SCREW
18	10	5/8 WASHER	STANDARD WASHER
19	9	1/4 - 20 UNC x 0.625"	WHIZ BOLT
20	30	1/4-20 UNC x 0.5	WHIZ BOLT
21	1	3/8 - 16 UNC x 1.25"	HEX HEAD CAP SCREW
22	5	3/8 - 16 UNC x 0.875	WHIZ BOLT/FLANGE SCREW
23	5	3/8 - 16 UNC	WHIZ NUT
24	1	3/8" WASHER	STANDARD WASHER
25	2	1/4 - 20 UNC - 0.625	HEX WASHER THREAD FORMING - TYPE F
26	4	1/4 - 20 UNC x 0.5"	HEX WASHER THREAD FORMING - TYPE F
27	16	1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
28	2	1/4 - 20 UNC x 0.875"	WHIZ BOLT
29	2	1/4 - 20 UNC	WHIZ NUT
30	6	1/4 WASHER	WIDE WASHER

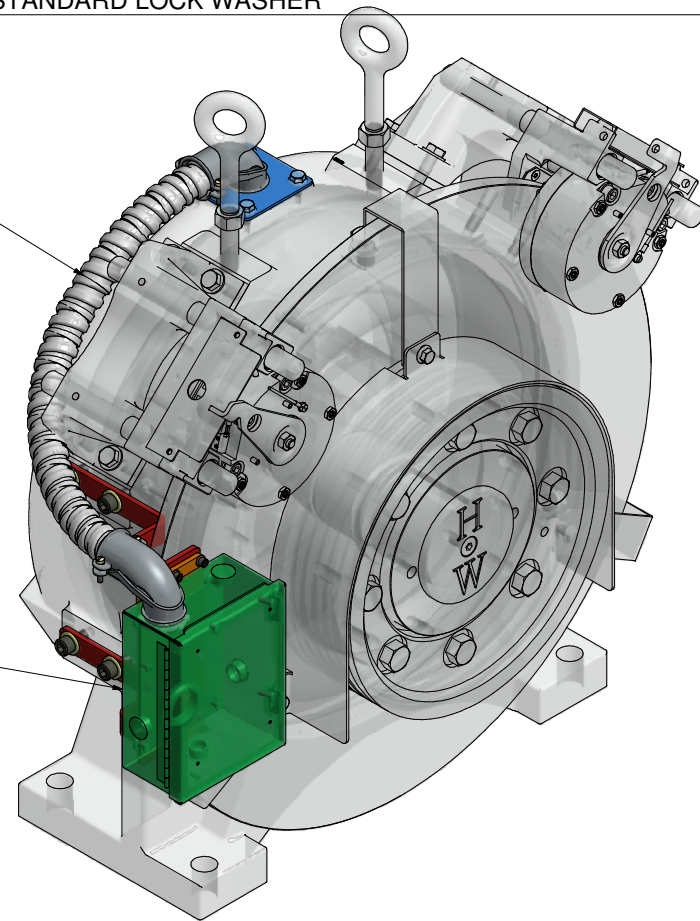
HOLLISTER-WHITNEY ELEVATOR CO.			
TITLE GUARD - GEARLESS MACHINE (WITH GRIPPER), 25" TW			
DRAWN BY LTL	SCALE NA	MATERIAL SEE PARTS LIST	DIMENSIONAL TOL. 1 PLACE ±0.01, 2 PLACE ±0.005, 3 & 4 PLACE ±0.001, ANGLES ±0.1° REF., OPEN, (NOMINAL) ± 0.0156
B UPDATE TITLE, PUR #555 1/11/13	LTL	SHEET SIZE C	DATE 8/8/2011
A PRODUCTION RELEASE, PUR #519	LTL 8/23/12	GL185-177	



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	2	GL100-159-13-1	1-1/4 90° BOX CONNECTOR (FLEXCON)	
2	1	GL100-159-14-1	1-1/4 FLEX CONDUIT - 4 FT - REF P/N GRF A114	
3	2	GL100-159-15	1-1/4 ANTI SHORT BUSHING - REF. P/N THOMAS & BETTS CO. #425	
4	2	GL100-159-16	JUNCTION BOX RELOCATION BRACKET	
5	1	GL100-159-17	MOUNTING PLATE - FRONT	
6	1	GL100-159-18	BOX CONNECTOR PLATE	
7	4	1/2 - 13UNC x 1"	SOCKET HEAD CAP SCREW	
8	4	1/2" WASHER	STANDARD WASHER	
9	4	3/8 - 16 UNC x 0.625"	WHIZ BOLT	
10	4	1/4-20 UNC x 0.625	SOCKET HEAD CAP SCREW	
11	4	1/4 - 20 UNC x 0.375"	WHIZ BOLT	
12	4	1/4" LOCK WASHER	STANDARD LOCK WASHER	

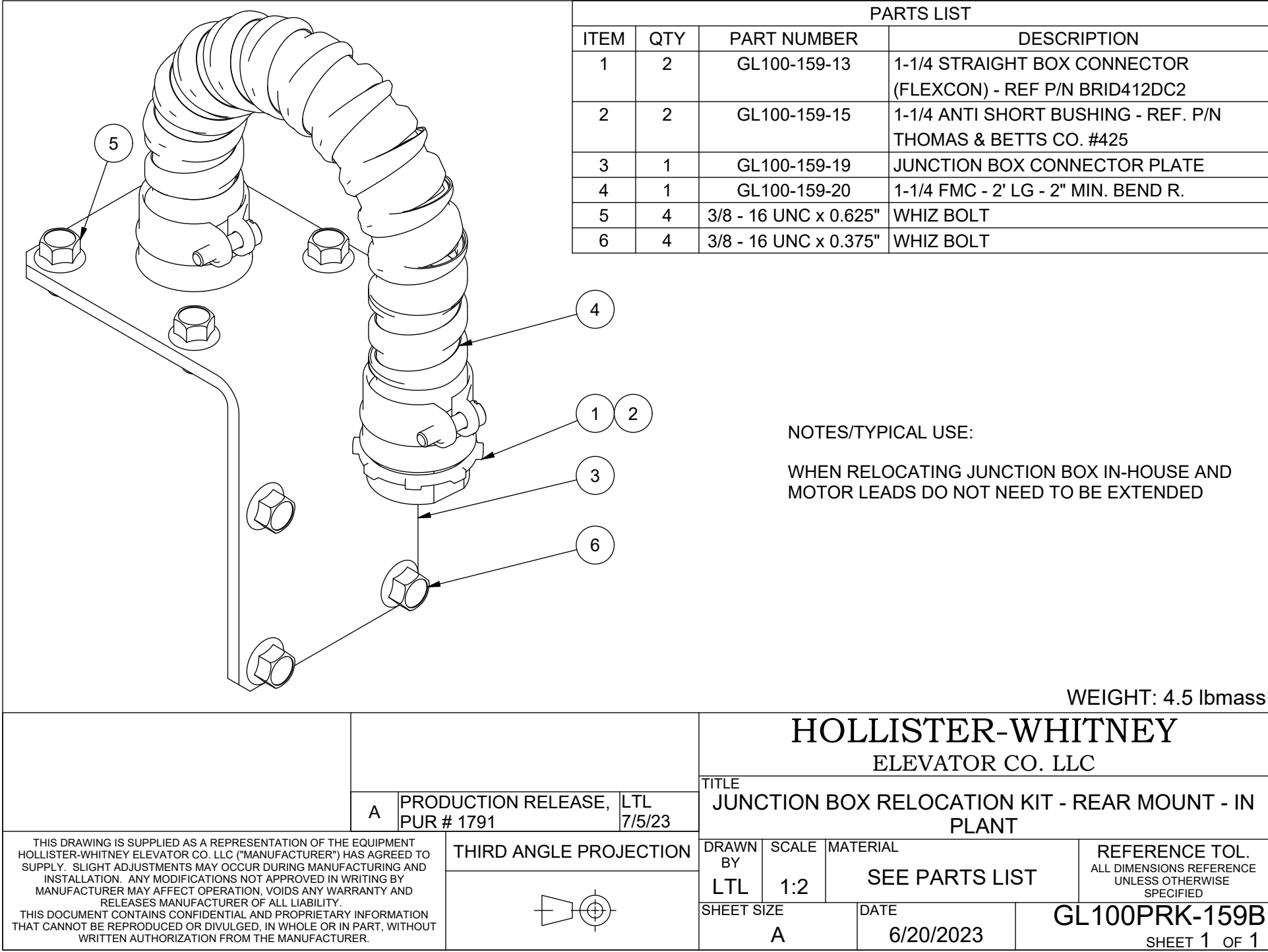
POSSIBLE RELOCATION
ARRANGEMENT

ORIGINAL BOX IN
POSSIBLE NEW LOCATION

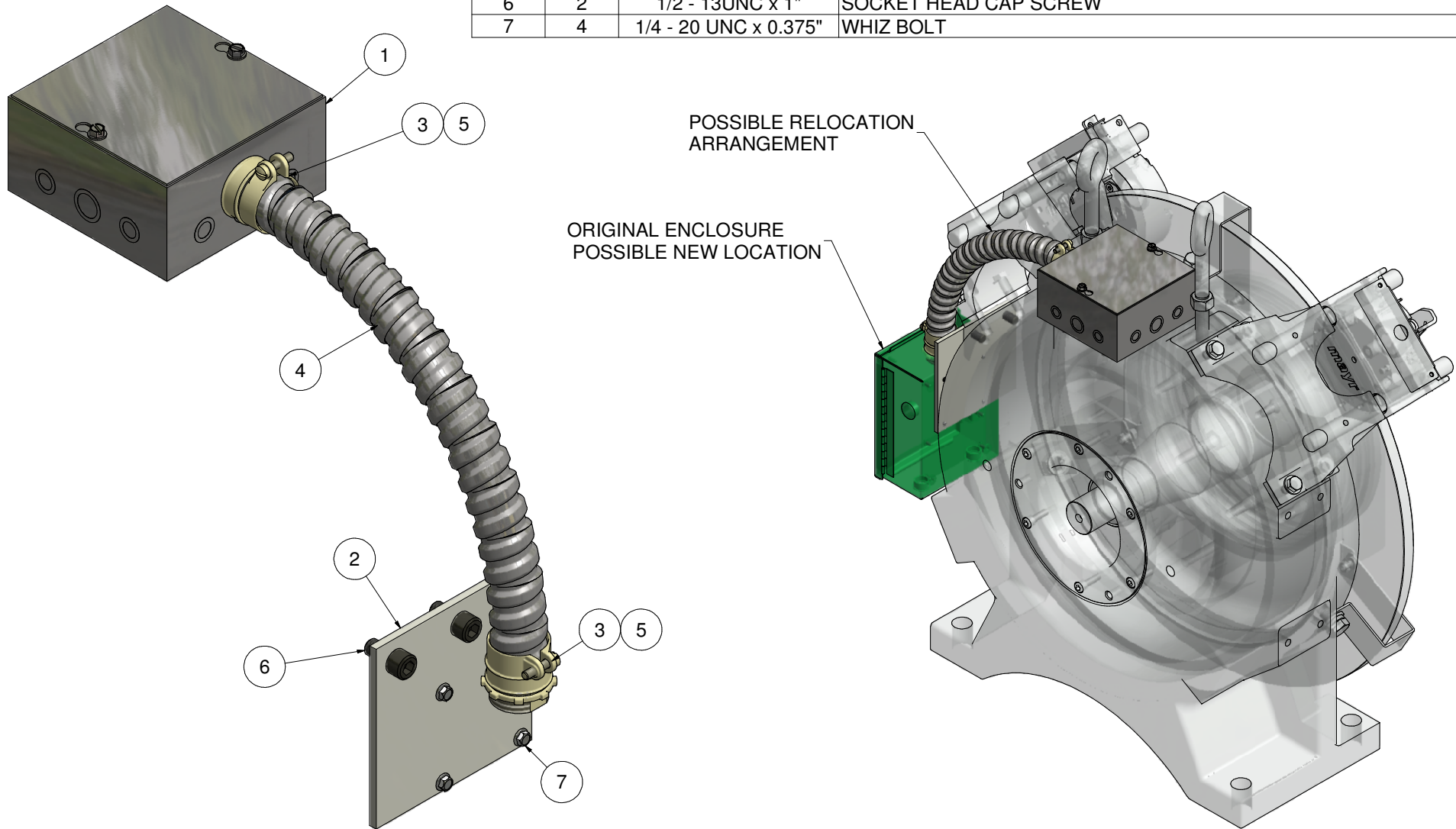


Weight: 11.22 lbmass

										HOLLISTER-WHITNEY			
										ELEVATOR CO.			
										TITLE JUNCTION BOX RELOCATION KIT - FRONT			
										MOUNT - IN PLANT			
										DRAWN BY		SCALE	MATERIAL
										LTL		NA	SEE PARTS LIST
										SHEET		DATE	DIMENSIONAL TOL.
										SIZE		9/13/2013	1 PLACE ±0.01; 2 PLACE ±0.005
										A		PRODUCTION RELEASE, PUR #636	3/10/14
													9 & 4 PLACE ±0.001, ANGLES ±0.1°
													REF., OPEN, (NOMINAL) ±0.0156
													GL100PRK-159F



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	GL100-159-11	663 SC - COOPER B-LINE BOX - MODIFIED	
2	1	GL100-159-12	MOUNTING PLATE	
3	2	GL100-159-13	1-1/4 STRAIGHT BOX CONNECTOR (FLEXCON) - REF P/N BRID412DC2	
4	1	GL100-159-14	1-1/4 FLEX CONDUIT - 3FT LENGTH - REF. P/N GRF A114	
5	2	GL100-159-15	1-1/4 ANTI SHORT BUSHING - REF. P/N THOMAS & BETTS CO. #425	
6	2	1/2 - 13UNC x 1"	SOCKET HEAD CAP SCREW	
7	4	1/4 - 20 UNC x 0.375"	WHIZ BOLT	



TYPICAL USES; WHEN MOTOR LEADS ARE SHORT AND MUST BE EXTENDED FOR JUNCTION BOX RELOCATION; WHEN RELOCATING JUNCTION BOX DUE TO FIELD SITUATION

Weight: 11.05 lbmass									
HOLLISTER-WHITNEY									
ELEVATOR CO.									
TITLE ELECTRICAL ENCLOSURE RELOCATION KIT - SMALL FRAME ACGL									
						DRAWN BY	SCALE	MATERIAL	DIMENSIONAL TOL.
						LTL	NA	SEE PARTS LIST	1 PLACE ±0.01; 2 PLACE ±0.005; 3 & 4 PLACE ±0.001; ANGLES ±0.1° REF., OPEN, (NOMINAL) ±0.0156
B UPDATE, PUR #613						LTL	9/13/13	DATE	12/31/2012
A PRODUCTION RELEASE, PUR #555						SHEET SIZE	C		GL100RK-159

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	GL100-159-11	663 SC - COOPER B-LINE BOX - MODIFIED	
2	1	GL100-159-13	1-1/4 STRAIGHT BOX CONNECTOR (FLEXCON) - REF P/N BRID412DC2	
3	1	GL100-159-13-1	1-1/4 90° BOX CONNECTOR (FLEXCON)	
4	1	GL100-159-14-1	1-1/4 FLEX CONDUIT - 4 FT - REF P/N GRF A114	
5	2	GL100-159-15	1-1/4 ANTI SHORT BUSHING - REF. P/N THOMAS & BETTS CO. #425	
6	2	GL100-159-16	JUNCTION BOX RELOCATION BRACKET	
7	1	GL100-159-17	MOUNTING PLATE - FRONT	
8	4	1/2 - 13UNC x 1"	SOCKET HEAD CAP SCREW	
9	4	1/2" WASHER	STANDARD WASHER	
10	4	1/4-20 UNC x 0.625	SOCKET HEAD CAP SCREW	
11	4	1/4 - 20 UNC x 0.375"	WHIZ BOLT	
12	4	1/4" LOCK WASHER	STANDARD LOCK WASHER	

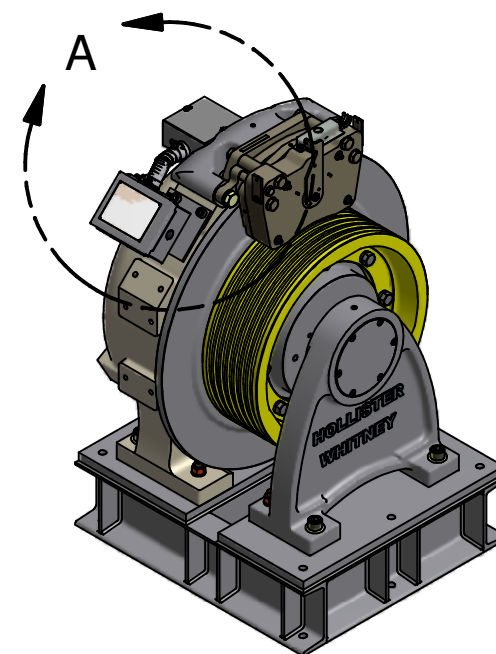
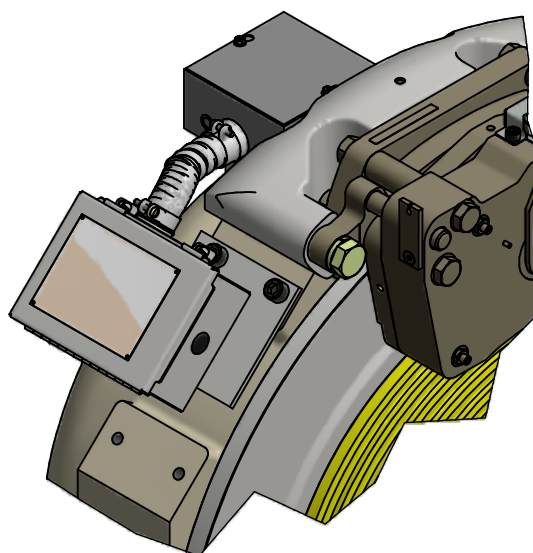
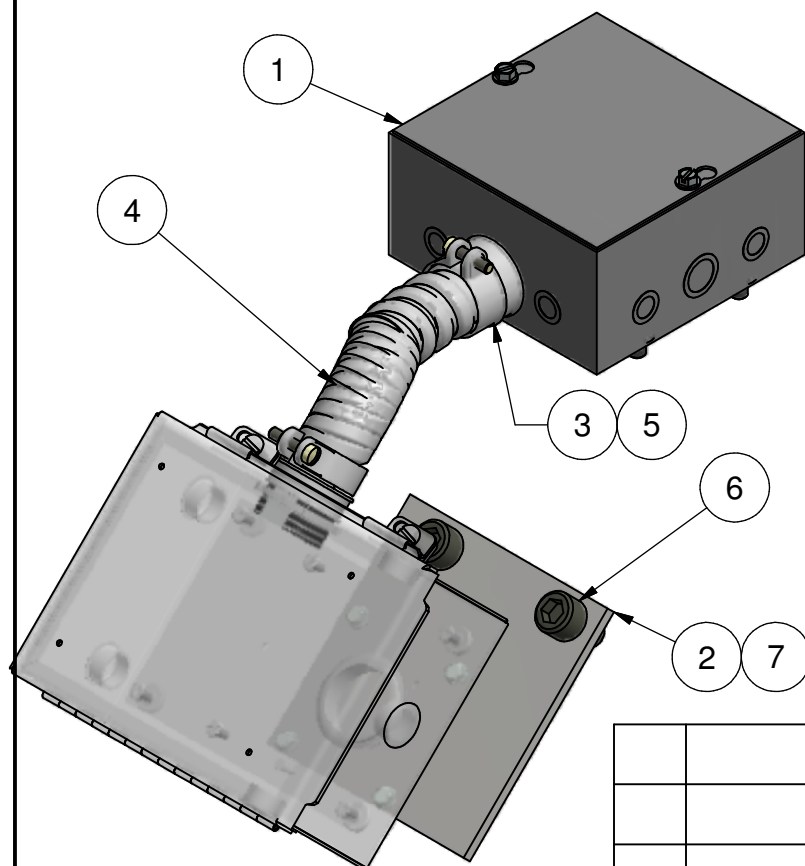
POSSIBLE RELOCATION
ARRANGEMENT

ORIGINAL BOX IN
POSSIBLE NEW LOCATION

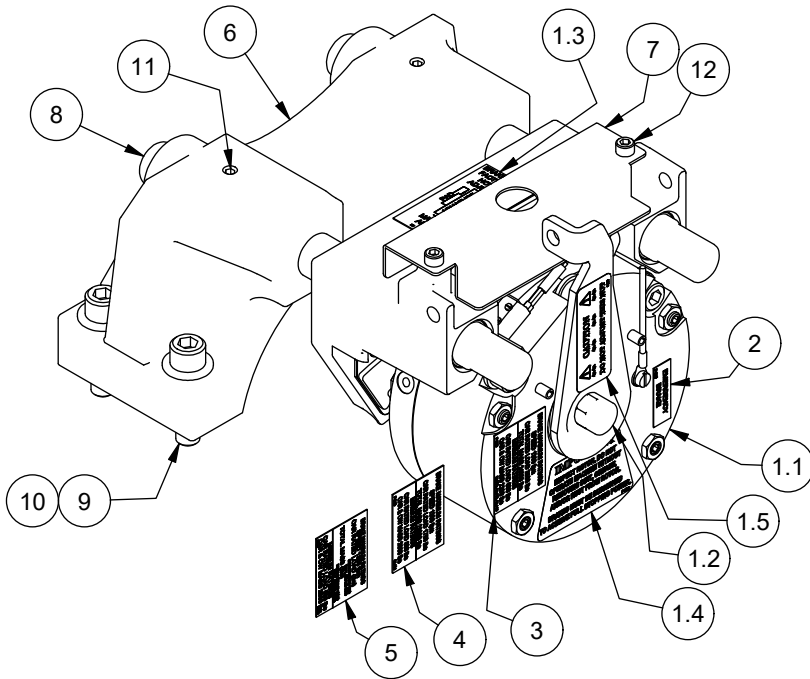
										HOLLISTER-WHITNEY	
										ELEVATOR CO.	
										TITLE	
										JUNCTION BOX RELOCATION KIT - FRONT	
										MOUNT - FIELD	
										DRAWN BY	
										SCALE	
										MATERIAL	
										SEE PARTS LIST	
										DIMENSIONAL TOL.	
										1 PLACE ±0.01; 2 PLACE ±0.005	
										3 & 4 PLACE ±0.001; ANGLES ±0.1°	
										REF., OPEN, (NOMINAL) ±0.0156	
										LTL	
										NA	
										DATE	
										9/13/2013	
										GL100RK-159F	
										SHEET	
										C	
										SIZE	
										A	
										PRODUCTION RELEASE,	
										PUR #636	
										LTL	
										3/10/14	

Weight: 13.24 lbmass

Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	GL130A-159-11	663 SC - COOPER B-LINE BOX - MODIFIED	
2	1	GL130A-159-12	MOUNTING PLATE	
3	2	GL100-159-13	1-1/4 STRAIGHT BOX CONNECTOR (FLEXCON) - REF P/N BRID412DC2	
4	1	GL100-159-14	1-1/4 FLEX CONDUIT - REF. P/N GRF A114	
5	1	GL100-159-15	1-1/4 ANTI SHORT BUSHING (NOT SHOWN) REF. P/N TBCO #425	
6	2	5/8-11 UNC x 1	SOCKET HEAD CAP SCREW	
7	4	1/4-20 UNC x 0.5	WHIZ BOLT	



					HOLLISTER-WHITNEY			
					ELEVATOR CO.			
					TITLE ELECTRICAL ENCLOSURE RELOCATION KIT - LARGE FRAME ACGL			
					DRAWN BY	SCALE	MATERIAL	DIMENSIONAL TOL.
					LTL	NA	SEE PARTS LIST	1 PLACE ± 0.01 2 PLACE ± 0.005 3&4 PLACE ± 0.001 , ANGLES $\pm 0.1^\circ$ REF., OPEN, (NOMINAL) ± 0.0156
A					PRODUCTION RELEASE, PUR #606	LTL 7/15/13	SHEET SIZE A	DATE 7/15/2013
					GL130ARK-159			



1. FOR USE AS COMPLETE MAYR #6 BRAKE ASSEMBLY REPLACEMENT.
2. TAGS SUPPLIED FOR ALL POSSIBLE MACHINE USAGE.
3. TAGS 2, 3, 4, & 5 APPLIED IN FIELD AS APPROPRIATE.
4. TAGS SHOWN FOR POSITIONING AS NECESSARY.
5. EMERGENCY BRAKE TAG ONLY APPLIED TO EMERGENCY BRAKE.

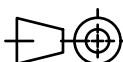
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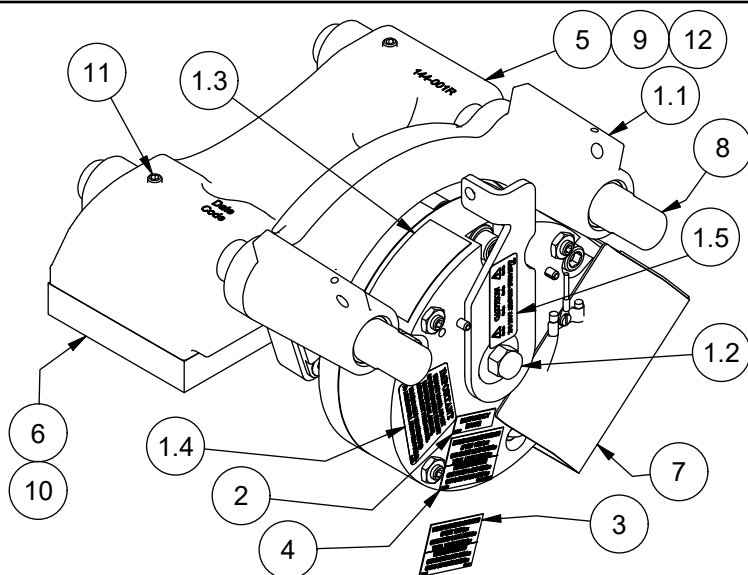
RATED (HOLD) VOLTAGE: 52 VDC
 RATED CURRENT: 1.49 A
 NOMINAL (RATED) POWER: 39 W
 OVER EXCITATION (PICK) VOLTAGE: 104 VDC
 OVER EXCITATION POWER: 155 W
 OVER EXCITATION TIME: 1 S

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL100-146-115S	MAYR #6 BRAKE WITH STANDARD STICKERS
1.1	1	GL100-146-115	MAYR #6 RSD6/894.510.03S 52V #8275067
1.2	1	142-050	BLACK VINYL CAP
1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER - GEARLESS MACHINE BRAKES
1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT (MAYR GEARLESS BRAKES)
2	1	P-176	TAG, GEARLESS EMERGENCY BRAKE
3	1	P-209	TAG - BRAKE RATINGS FOR MAYR #6
4	1	P-210	TAG, GL101 - BRAKE RATINGS FOR MAYR #6
5	1	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6
6	1	142-001	BRAKE BASE
7	1	146-003	COVER - MAYR #6 ELECTRICAL
8	2	142-012	BRAKE ROD
9	4	1/2-13 UNC x 2"	SOCKET HEAD CAP SCREW
10	4	1/2" WASHER	SAE WASHER
11	2	3/8-16 UNC x 0.375	SET SCREW
12	2	M6 x 1.00 x 8mm	SHCS - Metric

WEIGHT: 34.3 lbmass

						HOLLISTER-WHITNEY				
						ELEVATOR CO. LLC				
						TITLE				
			A	PRODUCTION RELEASE, NO PREV. PRINT, PUR #1260	LTL 12/12/19	REPLACEMENT BRAKE ASSEMBLY - COMPLETE MAYR #6				
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>					THIRD ANGLE PROJECTION		DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
							LTL	1 / 4	SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
SHEET SIZE			DATE				GL100-146A			
			A		12/11/2019		SHEET 1 OF 1			



1. FOR USE AS COMPLETE MAYR #8 BRAKE ASSEMBLY REPLACEMENT.
2. TAGS SUPPLIED FOR ALL POSSIBLE MACHINE USAGE.
3. TAGS 2, 3, & 4 APPLIED IN FIELD AS APPROPRIATE.
4. TAGS SHOWN FOR POSITIONING AS NECESSARY.
5. EMERGENCY BRAKE TAG ONLY APPLIED TO EMERGENCY BRAKE.

NOTES:

RATED (HOLD) VOLTAGE: 52 VDC

RATED CURRENT: 2.27 A

NOMINAL (RATED) POWER: 59 W

OVER EXCITATION (PICK) VOLTAGE: 104 VDC

OVER EXCITATION POWER: 236 W

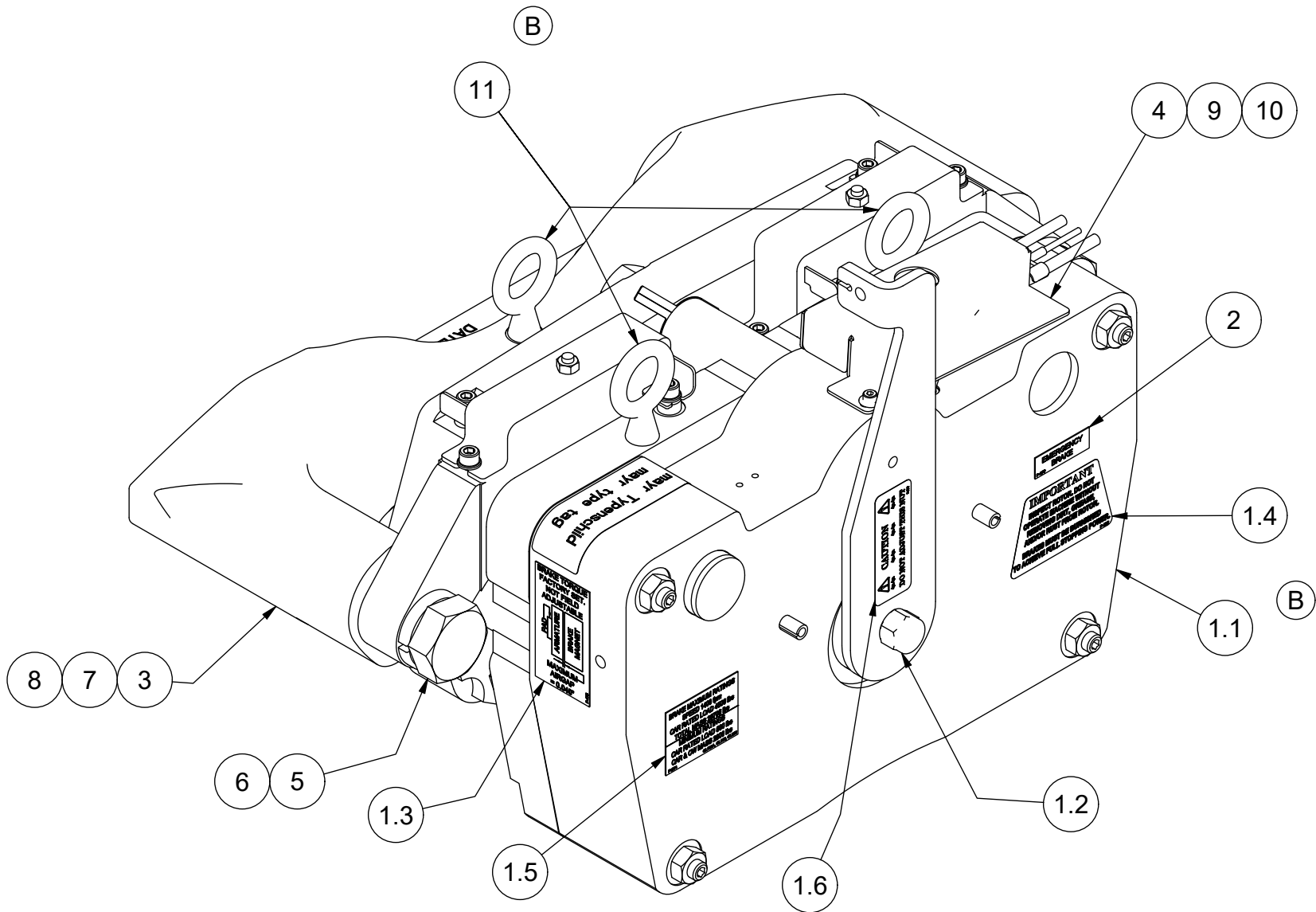
OVER EXCITATION TIME: 1 S

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL130-144-115S	MAYR #8 BRAKE WITH STANDARD STICKERS
1.1	1	GL130-144-115	MAYR #8; RSD8/894.510.03S 52V #8275066
1.2	1	142-050	BLACK VINYL CAP
1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER - GEARLESS MACHINE BRAKES
1.5	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT (MAYR GEARLESS BRAKES)
2	1	P-176	TAG, GEARLESS EMERGENCY BRAKE
3	1	P-211	TAG, GL131 - BRAKE RATINGS FOR MAYR #8
4	1	P-213	TAG, GL130 & GL170 - BRAKE RATINGS FOR MAYR #8
5	1	144-001	BRAKE BASE
6	1	144-002	ADAPTOR PLATE - BRAKE BASE
7	1	144-003	COVER - MAYR #8 ELECTRICAL
8	2	144-012	BRAKE ROD
9	4	1/2-13 UNC x 1.75	HEX CAP SCREW
10	4	1/2-13 UNC x 1.5	FLAT HEAD CAP SCREW
11	2	3/8-16 UNC x 0.625	SET SCREW
12	4	1/2" WASHER	SAE WASHER

WEIGHT: 122.9 lbmass

<h2 style="margin: 0;">HOLLISTER-WHITNEY</h2> <h3 style="margin: 0;">ELEVATOR CO. LLC</h3>				<p>TITLE</p> <p>REPLACEMENT BRAKE ASSEMBLY - COMPLETE MAYR#8</p>	
<p>PROD. RELEASE, NO</p> <p>PREV. PRINT, PUR #1260</p>		<p>LTL</p> <p>12/18/19</p>		<p>THIRD ANGLE PROJECTION</p>	
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>				<p>THIRD ANGLE PROJECTION</p>	
<p>DRAWN BY</p> <p>LTL</p>		<p>SCALE</p> <p>1 / 5</p>		<p>MATERIAL</p> <p>SEE PARTS LIST</p>	
<p>SHEET SIZE</p> <p>A</p>		<p>DATE</p> <p>12/18/2019</p>		<p>REFERENCE TOL.</p> <p>ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED</p> <p>GL130-144A</p> <p>SHEET 1 OF 1</p>	



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL185-147-115S	MAYR #10.1 BRAKE WITH STANDARD STICKERS
1.1	1	GL185-147-115	MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206
1.2	1	142-050	BLACK VINYL CAP
1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER - GEARLESS MACHINE BRAKES
1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS FOR MAYR #10
1.6	1	P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT (MAYR GEARLESS BRAKES)
2	1	P-176	TAG, GEARLESS EMERGENCY BRAKE
3	1	147-001	BRAKE BASE - LARGE FRAME GL MACHINE
4	1	147-003	COVER - MAYR #10.1 (GL185-147) ELECTRICAL
5	2	1" - 8 UNC x 3 1/2"	HEX CAP SCREW
6	2	1" WASHER	STANDARD LOCK WASHER
7	4	5/8-11 UNC x 2.5	SOCKET HEAD CAP SCREW
8	4	5/8 WASHER	STANDARD WASHER
9	1	M4 x 0.7 x 8mm	SOCKET HEAD CAP SCREW (METRIC)
10	1	#8 WASHER	STANDARD WASHER
11	3	147-051	LIFTING EYEBOLT - FORGED MACHINERY

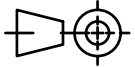
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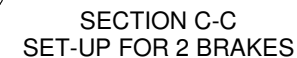
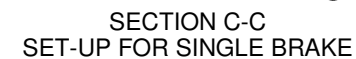
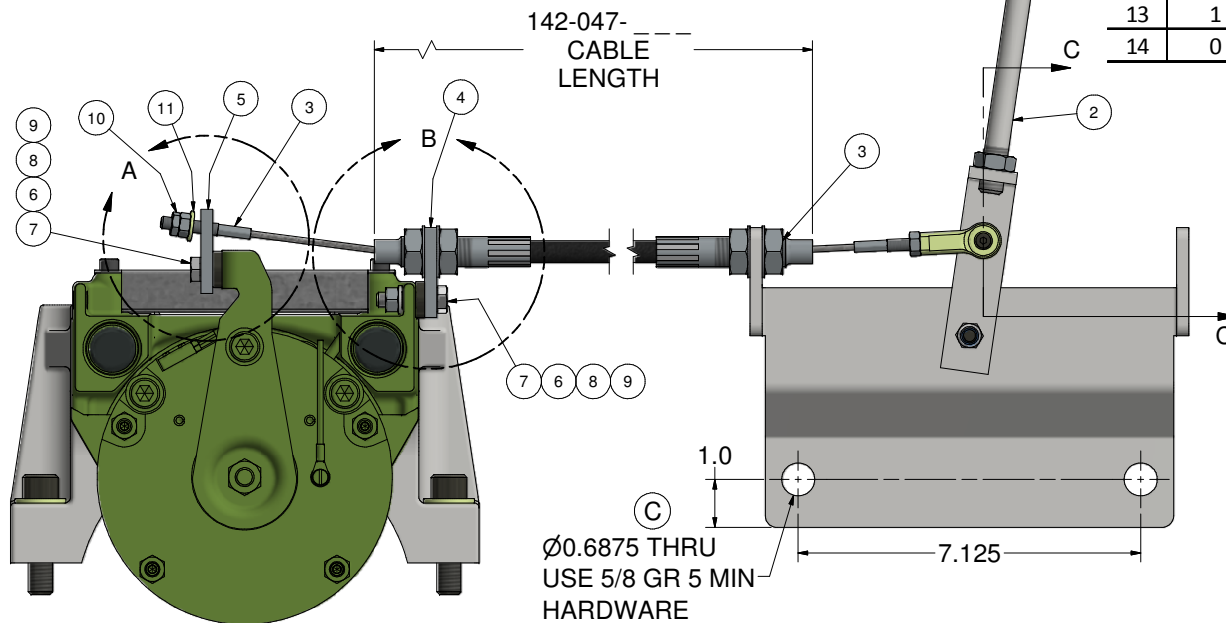
DUE TO MODELING LIMITATIONS, WIRES ARE NOT SHOWN IN PROPER LOCATION WITH COVER IN THIS VIEW.

RATED (HOLD) VOLTAGE: 52 VDC
RATED CURRENT: 3.62 A
NOMINAL (RATED) POWER: 94 W
OVER EXCITATION (PICK) VOLTAGE: 104 VDC
OVER EXCITATION POWER: 377 W
OVER EXCITATION TIME: 1 S

WEIGHT: 249.1 lbmass

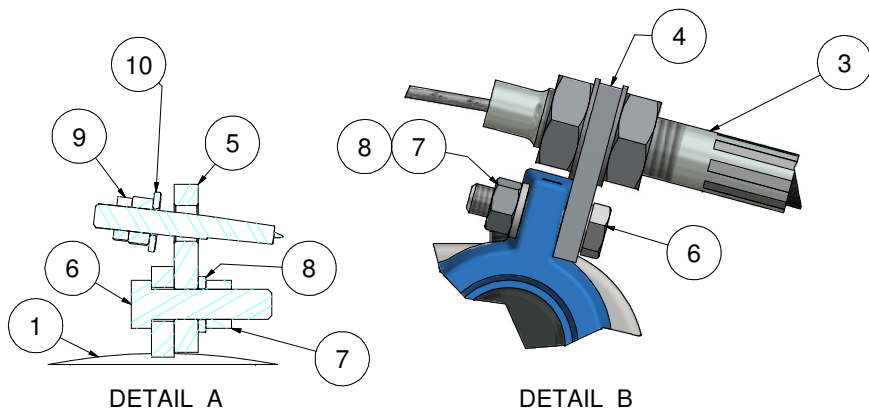
- FOR USE AS COMPLETE MAYR #10.1 (OR #10) BRAKE ASSEMBLY REPLACEMENT.
- TAGS SUPPLIED FOR ALL POSSIBLE MACHINE USAGE.
- TAGS SHOWN FOR POSITIONING AS NECESSARY
- TAG 2, EMERGENCY BRAKE TAG P-176, APPLIED IN FIELD AS APPROPRIATE.
- EMERGENCY BRAKE TAG ONLY APPLIED TO EMERGENCY BRAKE.

			C	UPDATE BRAKE BASE MODEL, PUR #1621	LTL 3/30/22	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
			B	ADD LIFTING EYEBOLTS, PUR #1635	LTL 3/24/22	TITLE REPLACEMENT BRAKE ASSEMBLY - COMPLETE MAYR #10.1 (OR #10)			
			A	PROD. RELEASE, NO PREV. PRINT, PUR #1260	LTL 1/6/20				
<div>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</div>				THIRD ANGLE PROJECTION		DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
						LTL	1 / 3	SEE MATERIAL LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE		DATE	GL185-147A
						B		1/6/2020	SHEET 1 OF 1

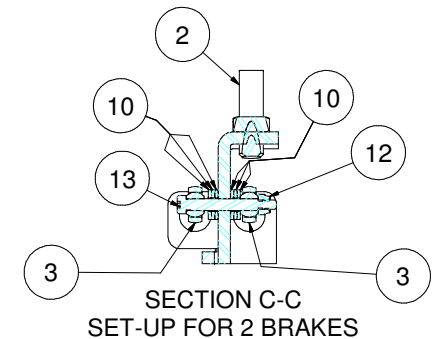
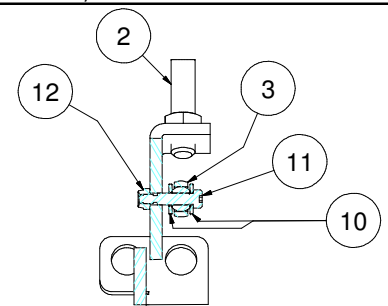
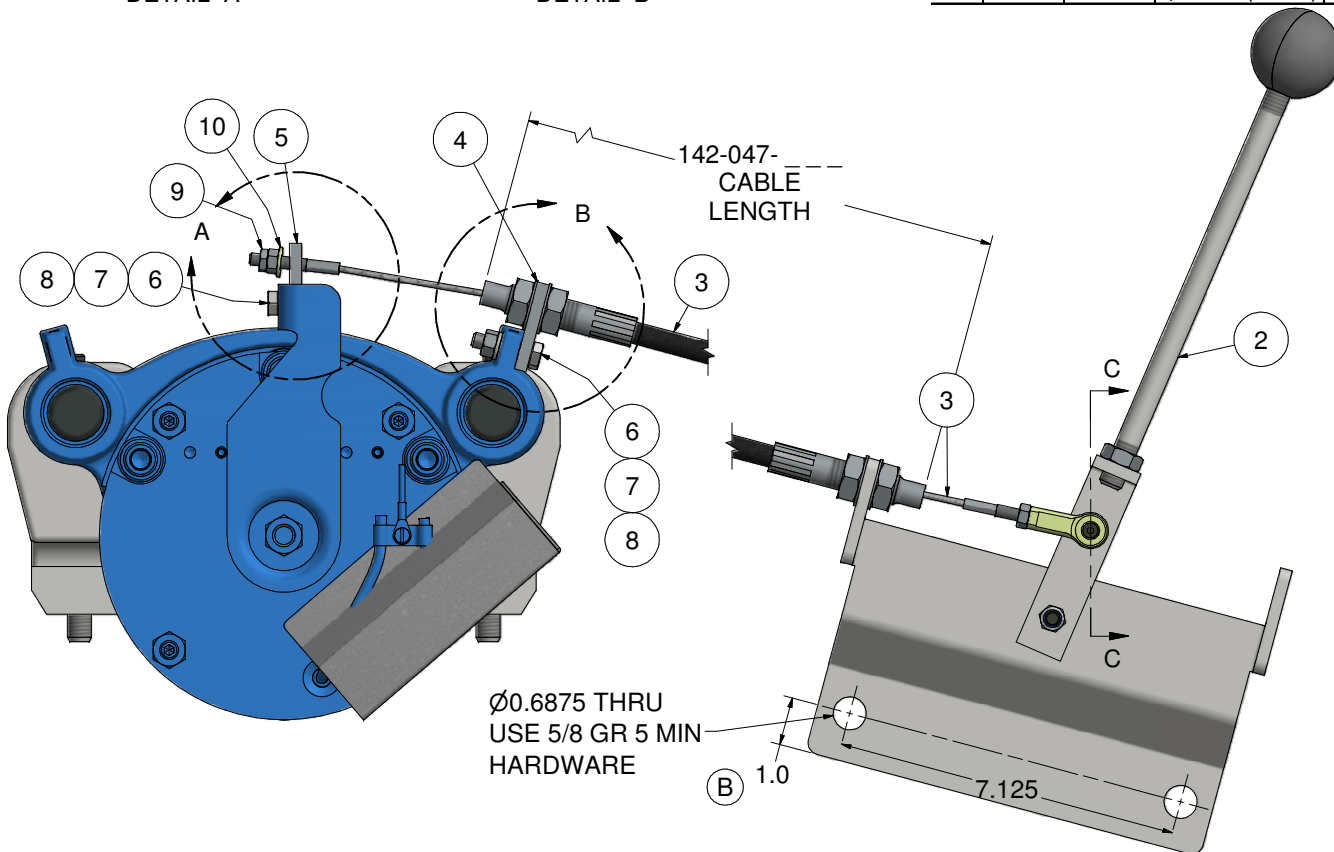


ITEM	QUANTITY		PART NUMBER	DESCRIPTION
	1 BRAKE	2 BRAKES		
1	1	2	GL100-146	DISC BRAKE (MAYR #6) ASSEMBLY ON MACHINE - SHOWN HERE FOR BRAKE LEVER HARDWARE ATTACHMENT
2	1	1	142-047	MANUAL BRAKE RELEASE ASSEMBLY W/O CABLE - AC GEARLESS MACHINE
3	1	2	142-047- ---	MANUAL BRAKE RELEASE CABLE ASSEMBLY (SEE PRINT 142-047-096)
4	1	2	144-047-8	CABLE GUIDE
5	1	2	144-047-9	CABLE PIVOT
6	2	4	146-049	SPACER WASHER
7	2	4	5/16 UNC x 1.25	HEX HEAD CAP SCREW
8	2	4	5/16 - 18 UNC	HEX NUT
9	2	4	5/16 WASHER	STANDARD LOCK
10	1	2	1/4 - 28 UNF	JAM NUT
11	3	7	1/4" WASHER	STANDARD WASHER
12	1	0	1/4 X .75" (#10-24)	SHOULDER BOLT (1 BRAKE)
13	1	1	#10 - 24UNC	NYLOCK NUT
14	0	1	1/4 X 1.5" (#10-24)	SHOULDER BOLT (2 BRAKES)

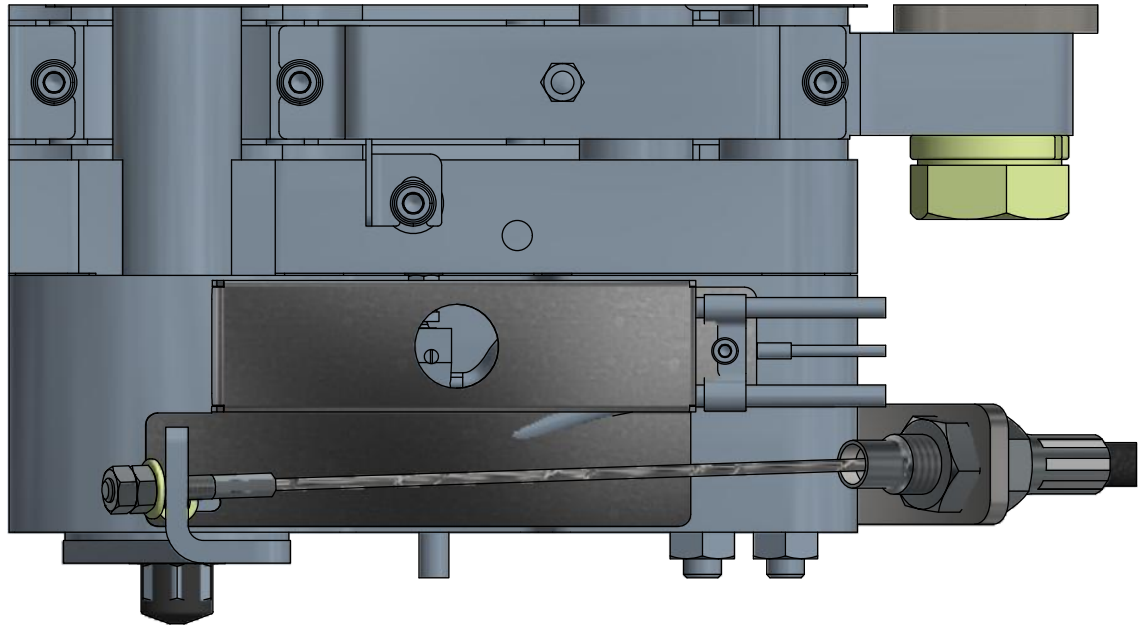
[illegible]



ITEM	QUANTITY		PART NUMBER	DESCRIPTION
	1 BRAKE	2 BRAKES		
1	1	2	GL130-144	DISC BRAKE (MAYR #8) ASSEMBLY ON MACHINE - SHOWN HERE FOR BRAKE LEVER HARDWARE ATTACHMENT
2	1	1	142-047	MANUAL BRAKE RELEASE ASSEMBLY W/O CABLE - AC GEARLESS MACHINE
3	1	2	142-047-	MANUAL BRAKE RELEASE CABLE ASSEMBLY (SEE PRINT 142-047-096)
4	1	2	144-047-8	CABLE GUIDE
5	1	2	144-047-9	CABLE PIVOT
6	2	4	5/16 UNC x 1.25	HEX HEAD CAP SCREW
7	2	4	5/16 - 18 UNC	HEX NUT
8	2	4	5/16 WASHER	STANDARD LOCK
9	1	2	1/4 - 28 UNF	JAM NUT
10	3	7	1/4" WASHER	STANDARD WASHER
11	1	0	1/4 X .75" (#10-24)	SHOULDER BOLT (SINGLE BRAKE)
12	1	1	#10 - 24UNC	NYLOCK NUT
13	0	1	1/4 X 1.5" (#10-24)	SHOULDER BOLT (TWO BRAKES)



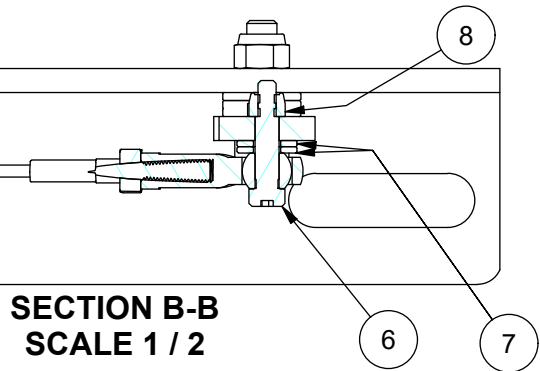
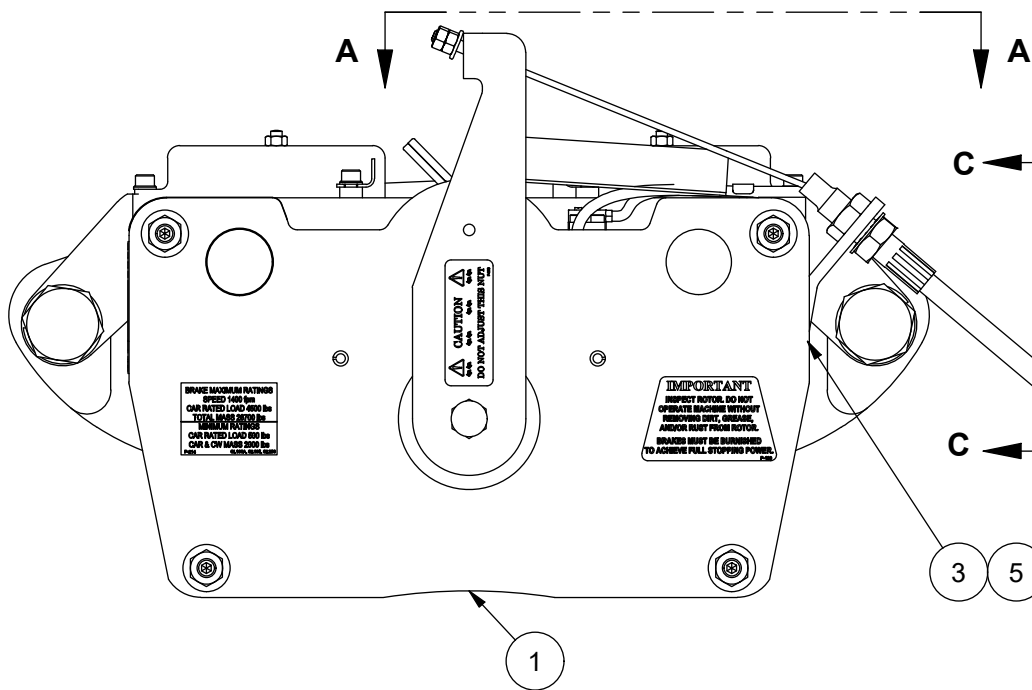
				HOLLISTER-WHITNEY			
				ELEVATOR CO.			
				TITLE MANUAL BRAKE RELEASE ASSEMBLY - MAYR #8			
				DRAWN BY LTL SCALE NA MATERIAL SEE PARTS LIST			
				DATE 9/10/2015			
				DIMENSIONAL TOL. 1 PLACE ±0.01; 2 PLACE ±0.005 3 & 4 PLACE ±0.001; ANGLES ±0.1° REF., OPEN, (NOMINAL) ±0.0156			
				144-047M8			



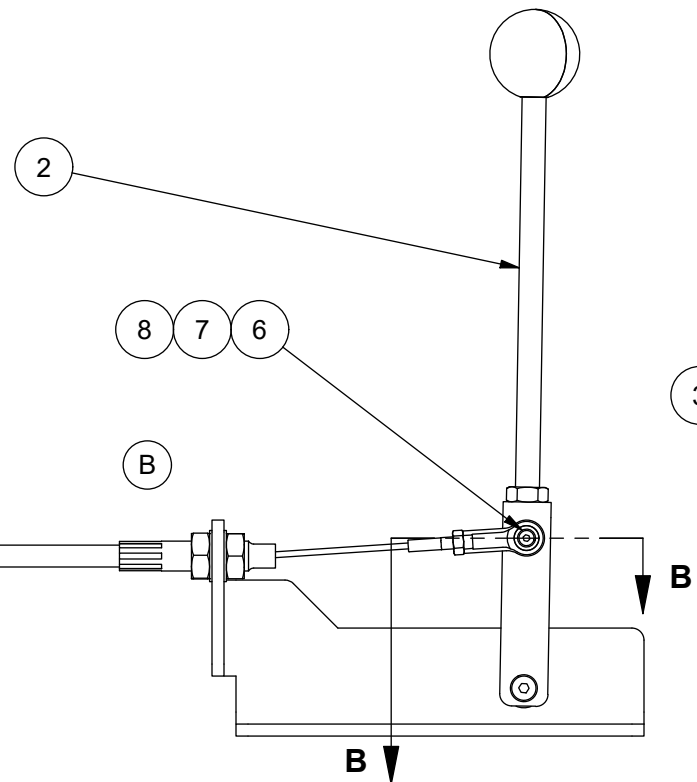
(B)
(B)
(B)

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL185-147	NOT INCLUDED - SHOWN HERE FOR ATTACHMENT OF HARDWARE - DISC BRAKE ASSEMBLY ON MACHINE
2	1	147-047	Mayr#10 MANUAL BRAKE RELEASE ASSEMBLY W/O CABLE - AC GEARLESS MACHINE
3	1	147-047-18	CABLE GUIDE BRACKET
4	1	147-047-096	MANUAL BRAKE RELEASE CABLE - 8' (96") STANDARD LG.
5	1	M8 x 1.25 x 16mm	FH MACHINE SCREW - METRIC
6	1	0.25 x 0.75"	SHOULDER BOLT (#10-24)
7	2	1/4" WASHER	STANDARD WASHER
8	1	#10 - 24UNC	NYLOCK NUT

SECTION A-A
SCALE 1 / 2



SECTION B-B
SCALE 1 / 2



SECTION C-C
SCALE 1 / 4

NOTES:

MAXIMUM CABLE (CASING) LENGTH IS 8' (96"). SHORTER CABLE LENGTHS MAY BE AVAILABLE BY SPECIAL ORDER.

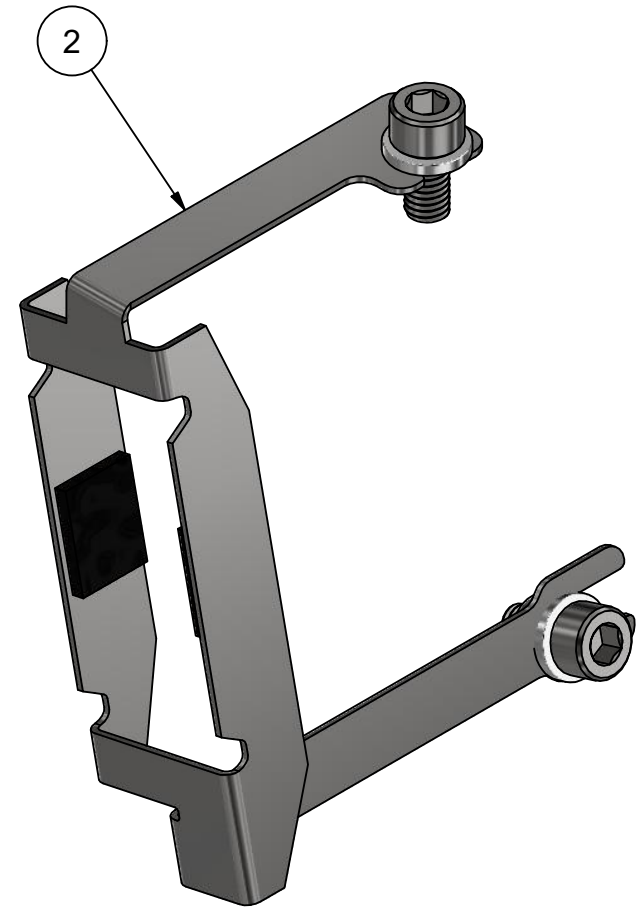
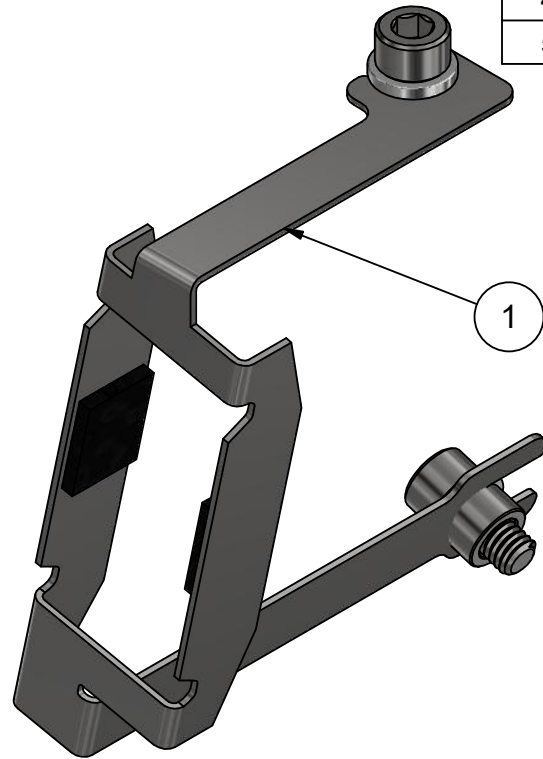
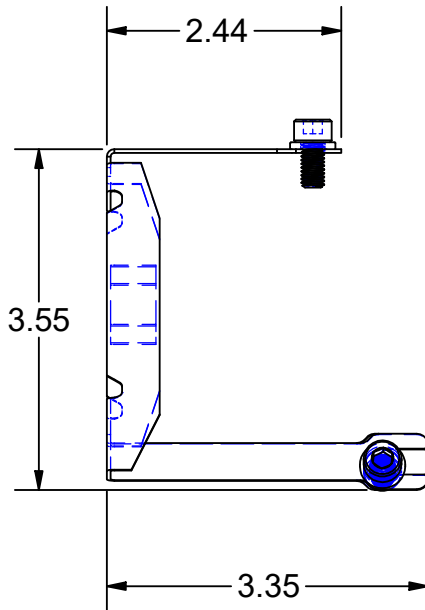
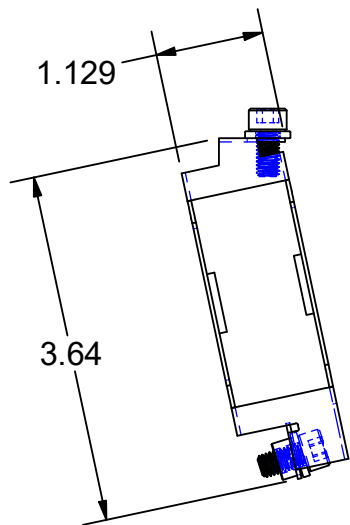
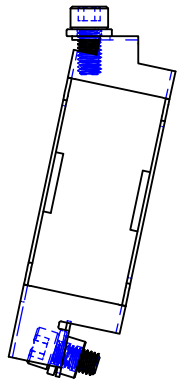
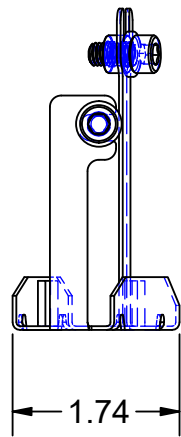
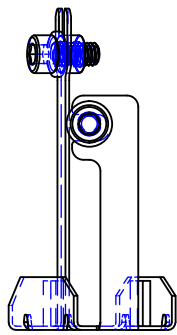
CABLE BEND RADIUS IS RECOMMENDED TO BE GREATER THAN 12" RADIUS AND MUST NOT BE BELOW 6" MINIMUM RADIUS

FOR SINGLE MAYR #10 (GL185-143) OR 10.1 (GL185-147) ONLY. IF SECOND (EMERGENCY) BRAKE IS PRESENT, TWO MANUAL BRAKE RELEASE ASSEMBLIES (ONE FOR EACH BRAKE) MUST BE USED.

ADDITIONAL MODIFICATION TO BRAKE RELEASE ARM MAY BE NECESSARY IF MANUAL BRAKE RELEASE ASSEMBLY WAS NOT FACTORY INSTALLED.

WEIGHT: 8.0 lbmass

		B		142-047- 8 , & 147-047-8, REMOVE	LTL 9/14/18	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
C	ADD MAX LENGTH & MIN. BEND RADIUS, PUR #1344	LTL 6/2/20		143-050 & 143-051, PUR #1002		TITLE MANUAL BRAKE RELEASE ASSEMBLY - MAYR #10.1			
B	147-047, 147-047-096, & 147-047-18 WAS 142-047,	LTL 9/14/18	A	PRODUCTION RELEASE, PUR #903	LTL 3/26/18	DRAWN BY LTL	SCALE 1 / 4	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						THIRD ANGLE PROJECTION		SHEET SIZE B	DATE 3/26/2018
								147-047M10	
								SHEET 1 OF 1	



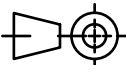
SCALE 1:1

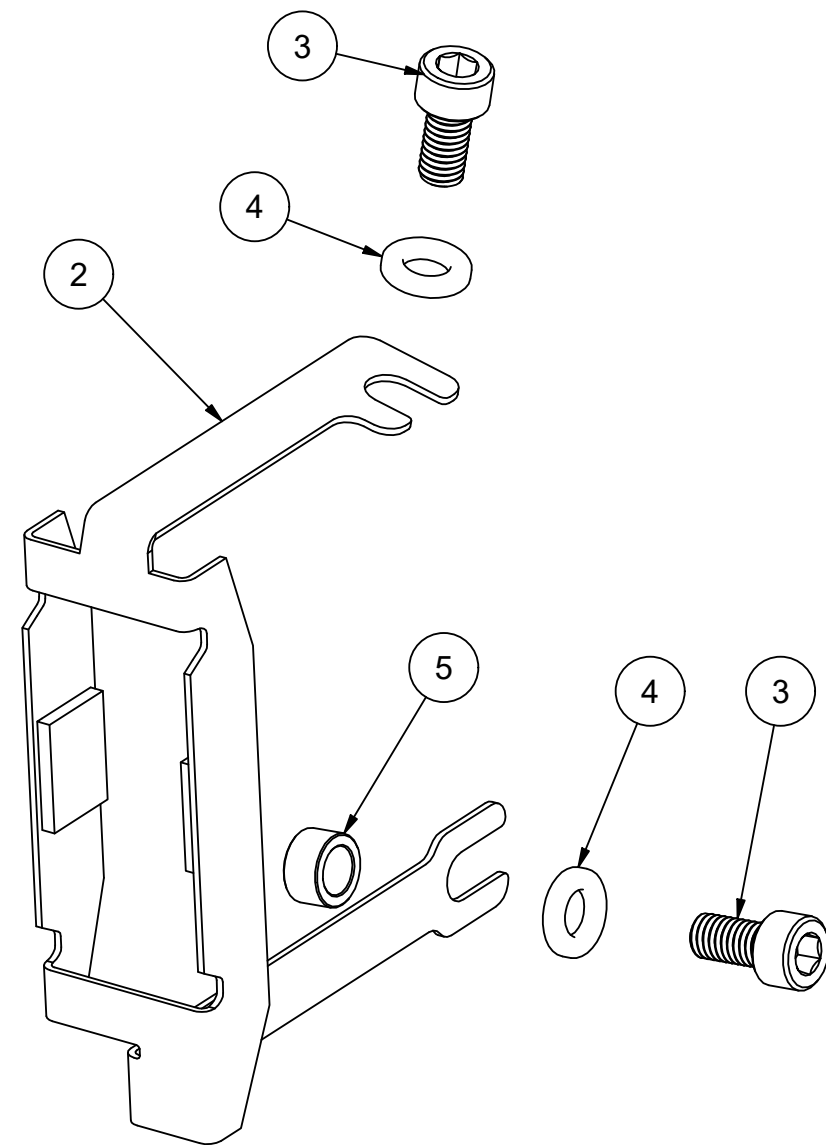
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	146-030-01A	ALIGNMENT BRACKET - LEFT HAND
2	1	146-030-01B	ALIGNMENT BRACKET - RIGHT HAND
3	4	146-030-05	M6 - 1 x 12mm SHCS
4	4	147-030-06	M6 STANDARD WASHER
5	2	146-030-07	BUSHING

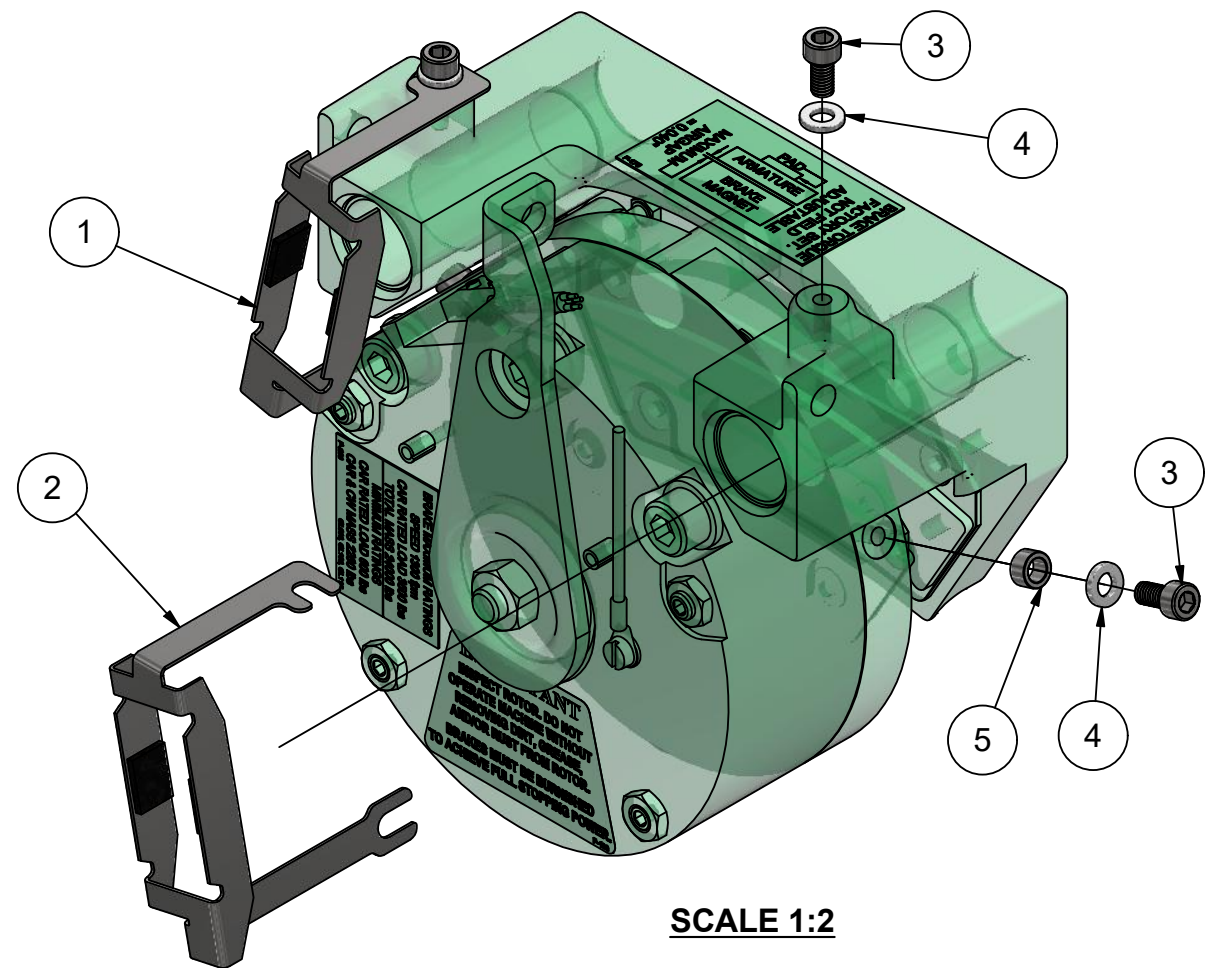
WEIGHT: 0.227 lbmass

- NOTES:
- USE WITH MAYR #6 BRAKE, ARTICLE # (PART #) 8275067 AND LATER
 - SEE PAGE 2 OF 2 FOR PARTS IDENTIFICATION BREAKDOWN AND EXPLODED VIEWS
 - PARTS LIST FOR ASSEMBLY-TO-BRAKE REFERENCE ONLY. PARTS ONLY AVAILABLE AS AN ASSEMBLY.

						HOLLISTER-WHITNEY ELEVATOR CO. LLC				
						TITLE ALIGNMENT MECHANISM, MAYR #6 BRAKE				
			A	PRODUCTION RELEASE, PUR #1099	LTL 12/6/19					
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>				THIRD ANGLE PROJECTION		DRAWN BY LTL		SCALE 1:2	MATERIAL MAYR #8230739, SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE B		DATE 11/26/2019		146-030 SHEET 1 OF 2




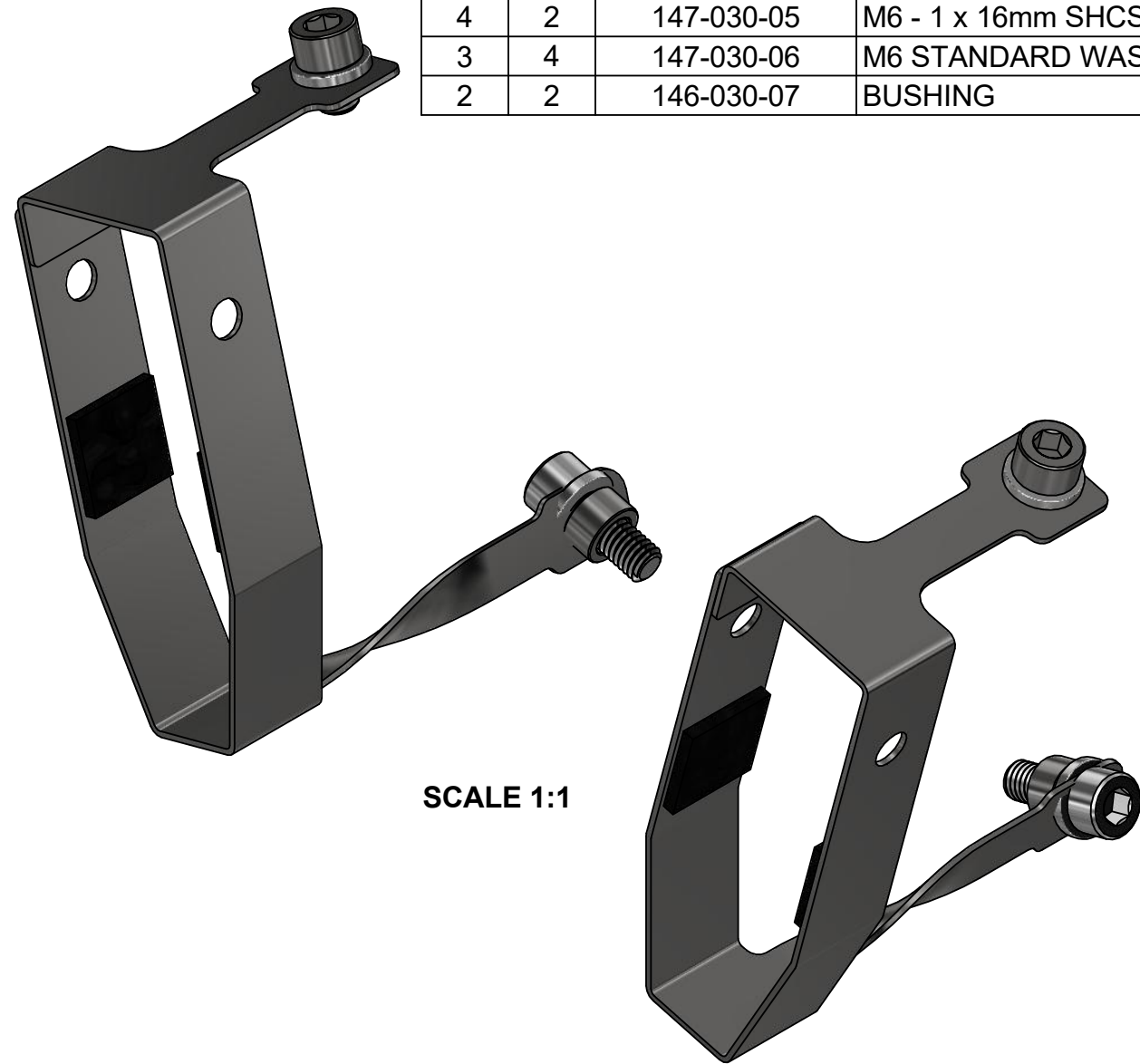
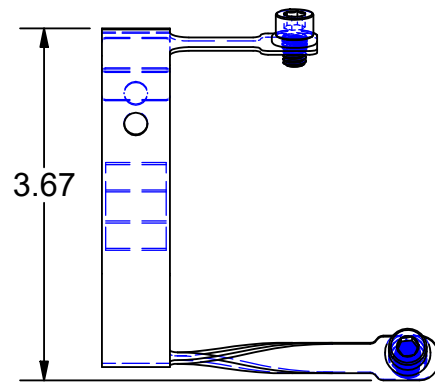
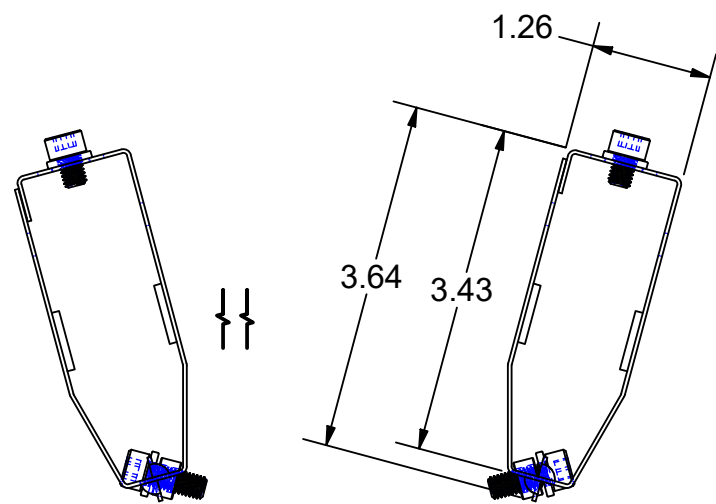
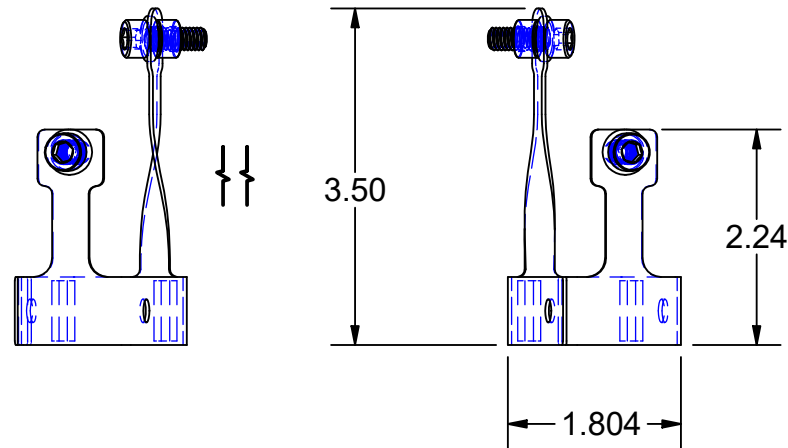
EXPLODED VIEW
RIGHT HAND ASSEMBLY
SCALE 1:1



SCALE 1:2

WEIGHT: 0.227 lbmass

					HOLLISTER-WHITNEY ELEVATOR CO. LLC				
				SEE PAGE 1 OF 2 FOR REVISIONS	TITLE				
					ALIGNMENT MECHANISM, MAYR #6 BRAKE				
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION. VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>				THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1:1	MATERIAL MAYR #8230739, SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE B		DATE 11/26/2019	



SCALE 1:1


PARTS LIST

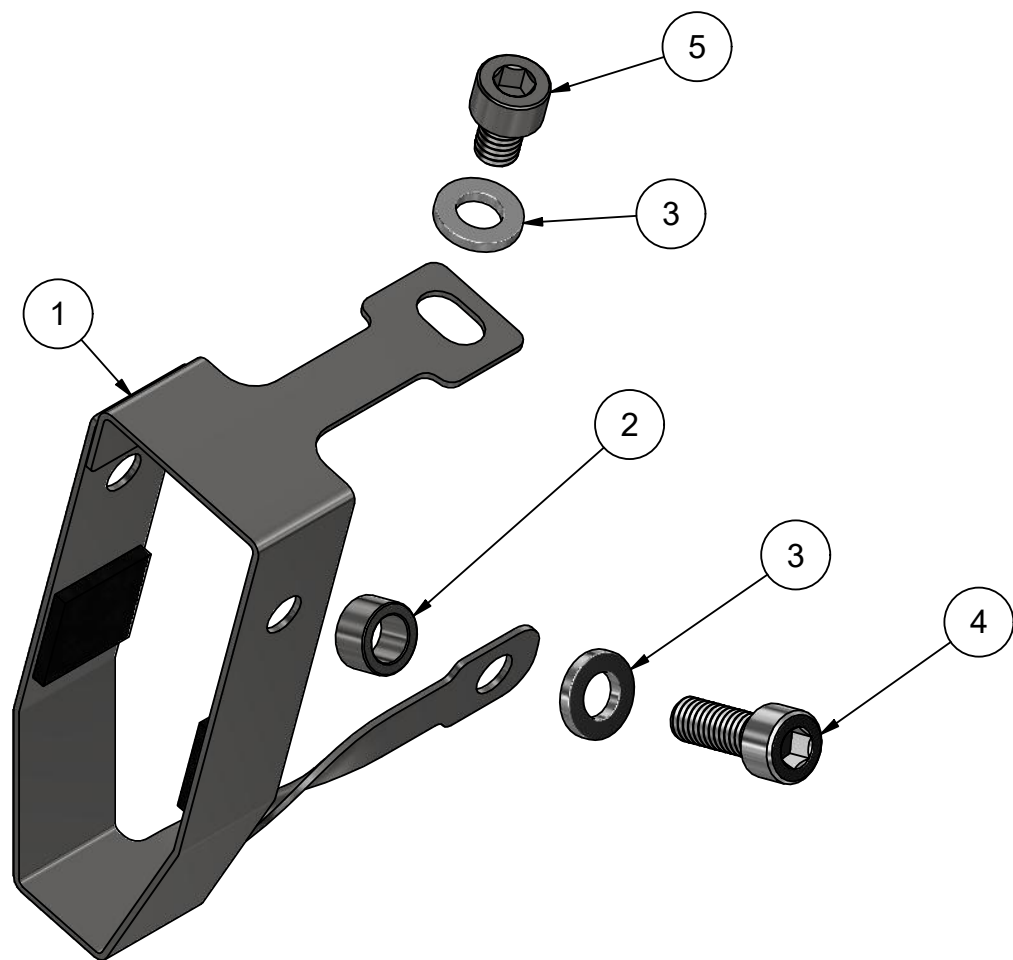
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	144-030-01	ALIGNMENT BRACKET
5	2	144-030-05	M6 - 1 x 8mm SHCS
4	2	147-030-05	M6 - 1 x 16mm SHCS
3	4	147-030-06	M6 STANDARD WASHER
2	2	146-030-07	BUSHING

WEIGHT: 0.275 lbmass

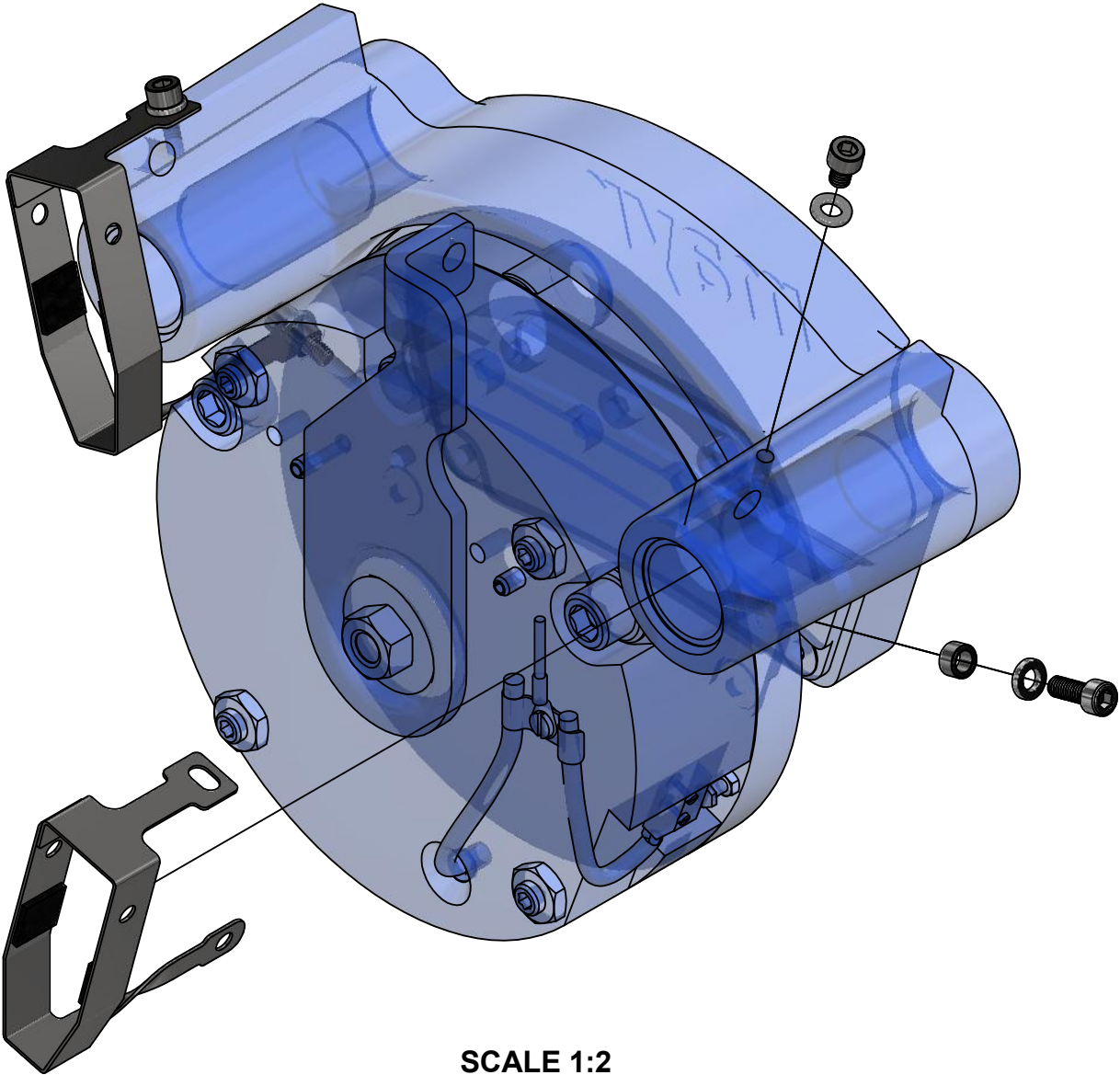
NOTES:

1. USE WITH MAYR #8 (RSD8) BRAKE, ARTICLE # (PART #) 8275066 AND LATER
2. SEE PAGE 2 OF 2 FOR PARTS IDENTIFICATION BREAKDOWN AND EXPLODED VIEWS
3. PARTS LIST FOR ASSEMBLY-TO-BRAKE REFERENCE ONLY. PARTS ONLY AVAILABLE AS AN ASSEMBLY.

					HOLLISTER-WHITNEY ELEVATOR CO. LLC					
					TITLE ALIGNMENT MECHANISM, MAYR #8 BRAKE					
			A	PRODUCTION RELEASE, PUR #1099	LTL 12/6/19					
<p>THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY.</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.</p>				THIRD ANGLE PROJECTION		DRAWN BY LTL		SCALE 1:2	MATERIAL MAYR #8275264, SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE B		DATE 12/3/2019		144-030 SHEET 1 OF 2



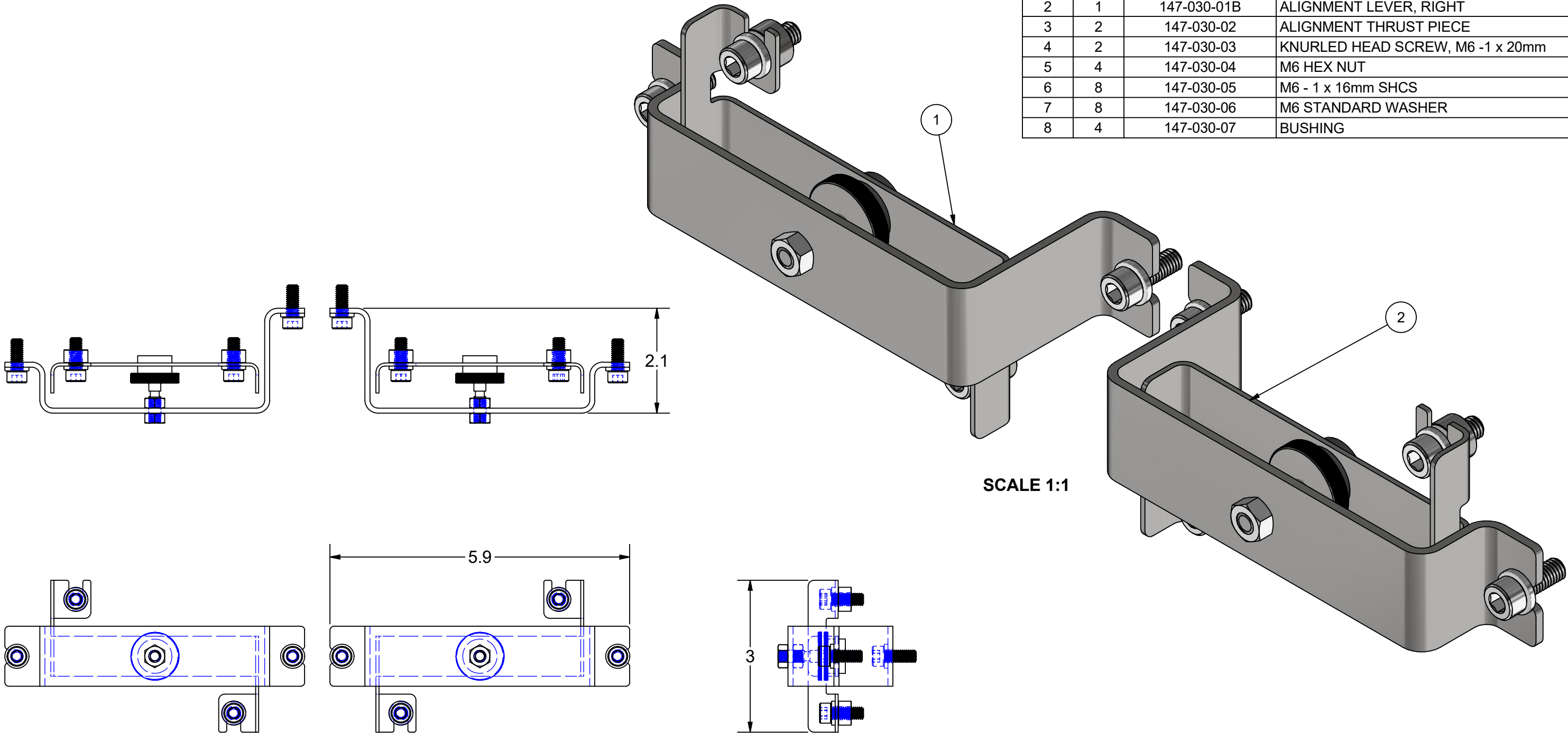
EXPLODED VIEW
SCALE 1:1



SCALE 1:2

WEIGHT: 0.275 lbmass

					HOLLISTER-WHITNEY ELEVATOR CO. LLC			
					TITLE			
					ALIGNMENT MECHANISM, MAYR #8 BRAKE			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.					DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
					LTL	1:1	MAYR #8275264, SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
THIRD ANGLE PROJECTION 					SHEET SIZE		DATE	
					B		12/3/2019	144-030 SHEET 2 OF 2

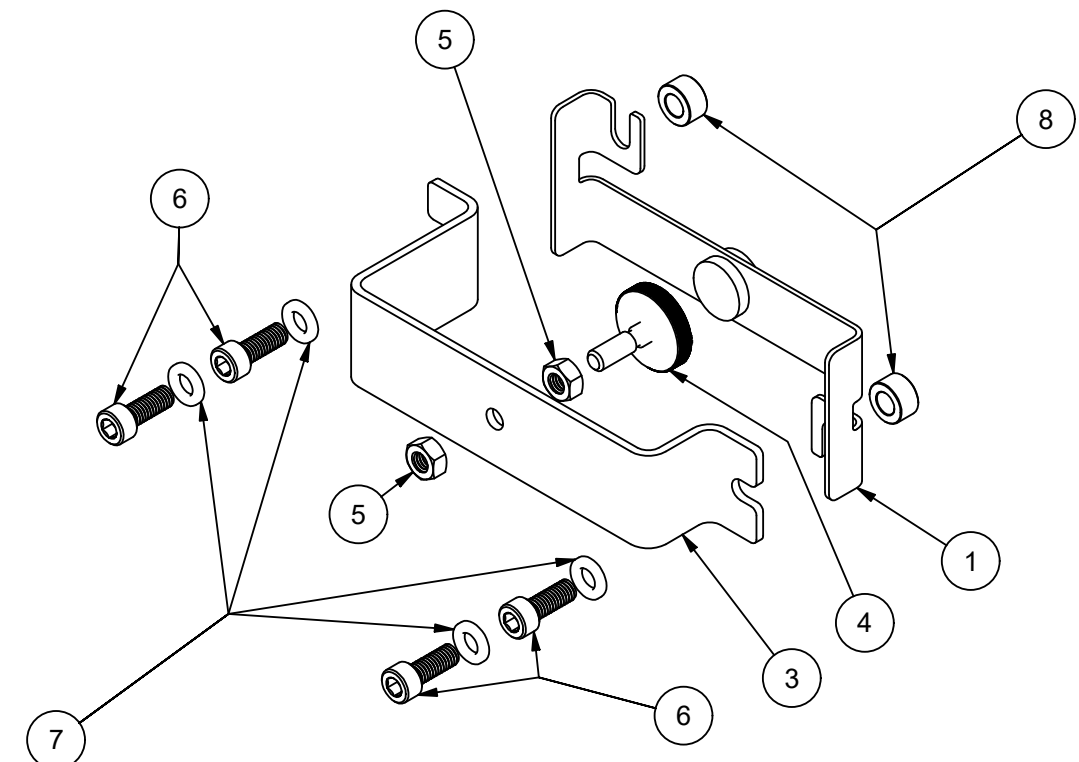


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	147-030-01A	ALIGNMENT LEVER, LEFT
2	1	147-030-01B	ALIGNMENT LEVER, RIGHT
3	2	147-030-02	ALIGNMENT THRUST PIECE
4	2	147-030-03	KNURLED HEAD SCREW, M6 -1 x 20mm
5	4	147-030-04	M6 HEX NUT
6	8	147-030-05	M6 - 1 x 16mm SHCS
7	8	147-030-06	M6 STANDARD WASHER
8	4	147-030-07	BUSHING

- NOTES:**
1. USE WITH MAYR #10 BRAKE, ARTICLE # (PART #) 8252206 AND LATER
 2. SEE PAGE 2 OF 2 FOR PARTS IDENTIFICATION BREAKDOWN AND EXPLODED VIEWS
 3. PARTS LIST FOR ASSEMBLY-TO-BRAKE REFERENCE ONLY. PARTS ONLY AVAILABLE AS AN ASSEMBLY.

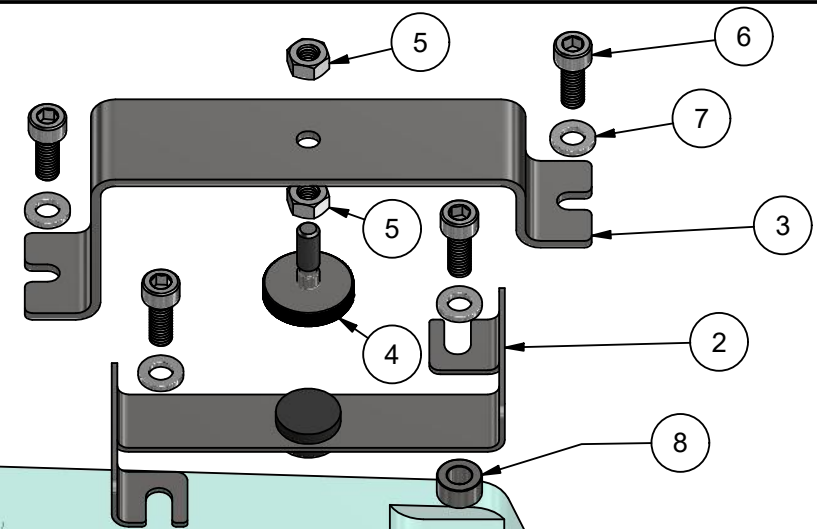
						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE ALIGNMENT MECHANISM, MAYR #10 BRAKE			
				A	PRODUCTION RELEASE, PUR #1099	LTL 12/6/19	DRAWN BY LTL		
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.					THIRD ANGLE PROJECTION		SCALE 1:2	MATERIAL MAYR #8251969, SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
							SHEET SIZE B	DATE 4/22/2019	147-030 SHEET 1 OF 2

WEIGHT: 1.071 lbmass

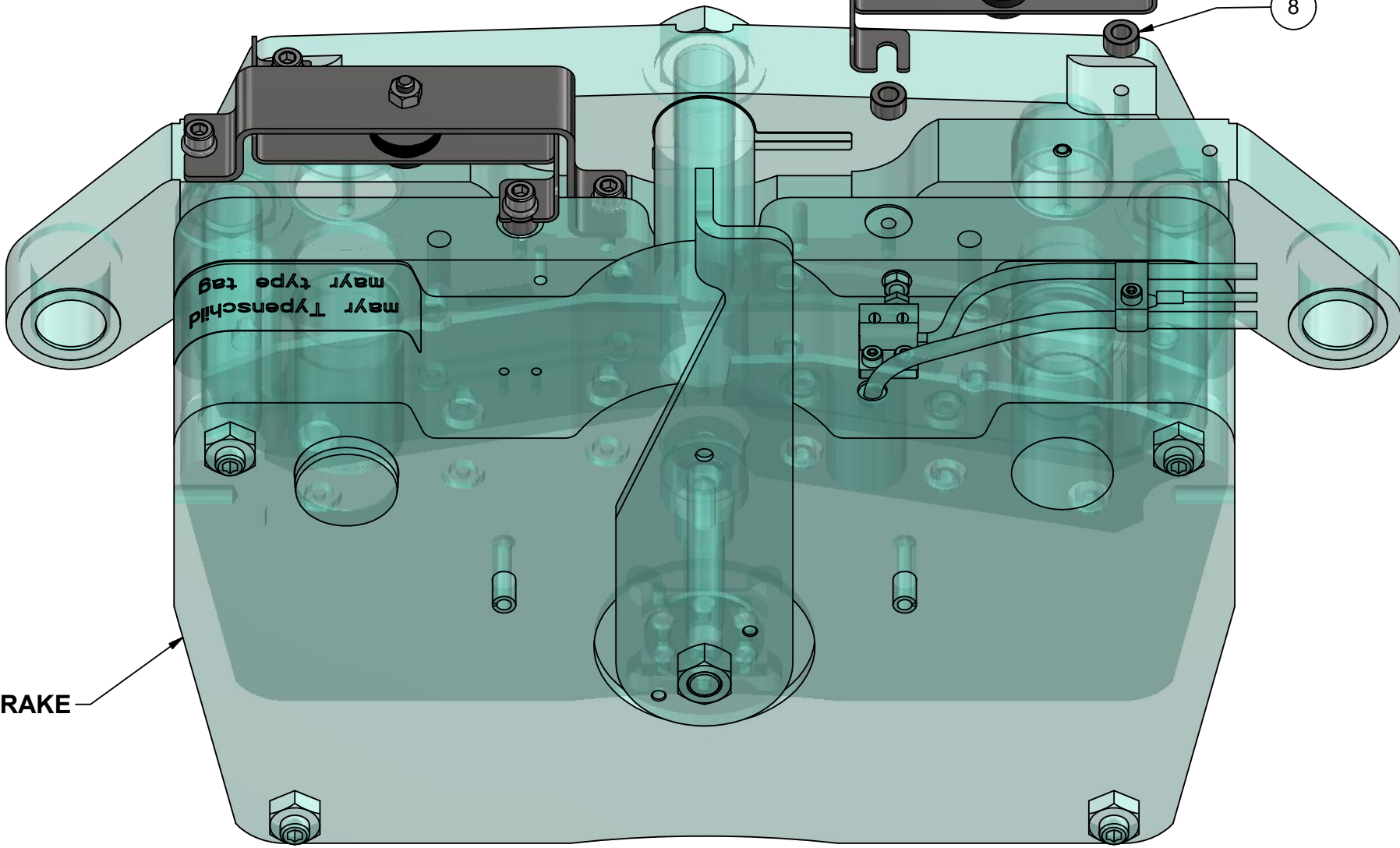


EXPLODED VIEW
LEFT HAND MECHANISM
SCALE 1:2

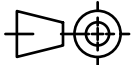
EXPLODED VIEW
RIGHT HAND MECHANISM
SCALE 1:2



MAYR #10 BRAKE



WEIGHT: 22.550 lbmass

					HOLLISTER-WHITNEY ELEVATOR CO. LLC			
					TITLE ALIGNMENT MECHANISM, MAYR #10 BRAKE			
SEE PAGE 1 OF 2 FOR REVISIONS					DRAWN BY LTL	SCALE 1:2	MATERIAL MAYR #8251969, SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.					THIRD ANGLE PROJECTION 		SHEET SIZE B	DATE 4/22/2019
							147-030 SHEET 2 OF 2	



Document Name	Date	Rev.	Page	Bulletin
PRINT & PARTS LIST SUPPLEMENT	9/20/23	F	86 of 86	1162S

[illegible]