

Rev.

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#### 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/



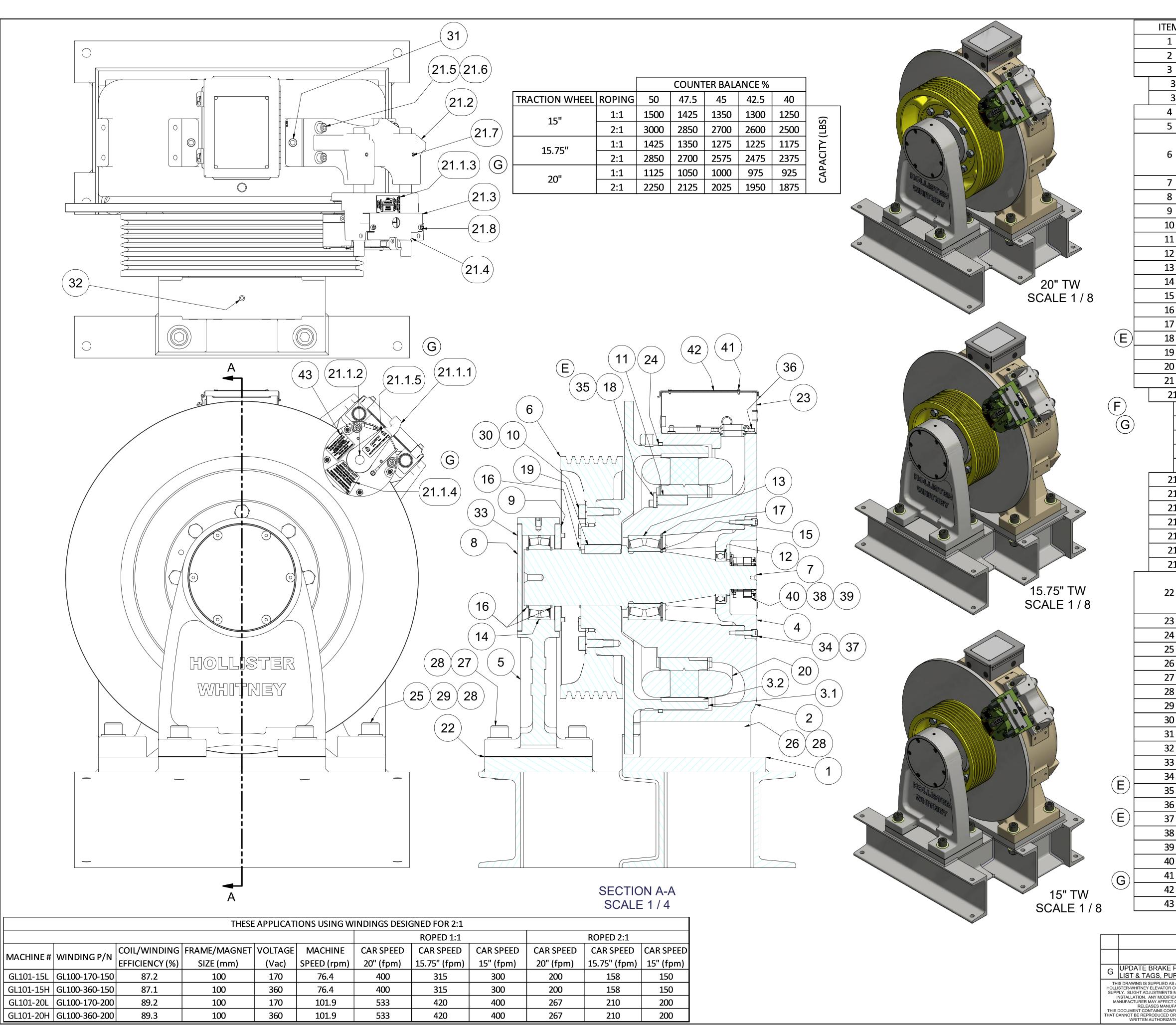


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  - GL130A & GL130A1
  - o GL185
  - GL260

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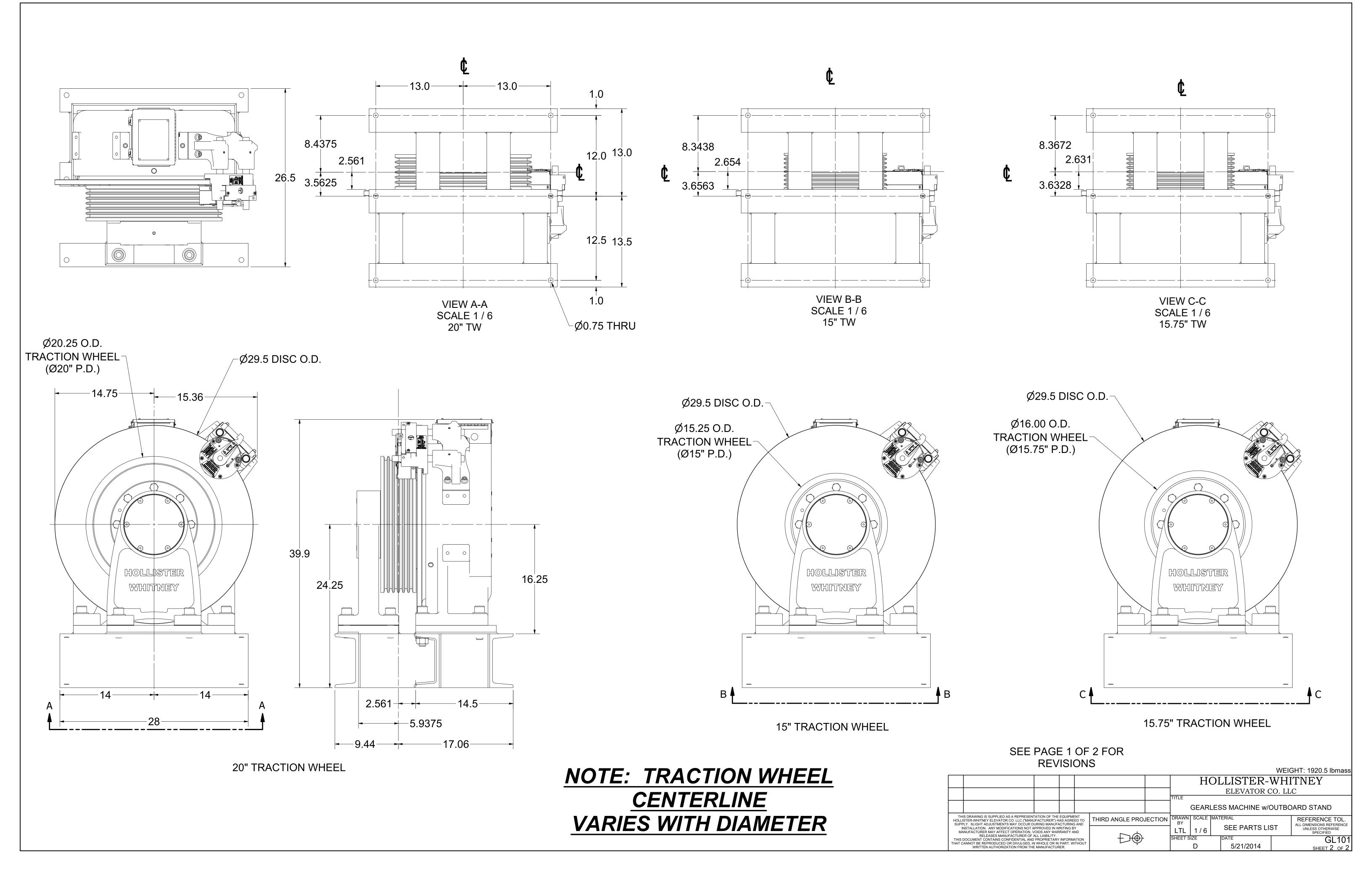
GL101-20H GL100-360-200

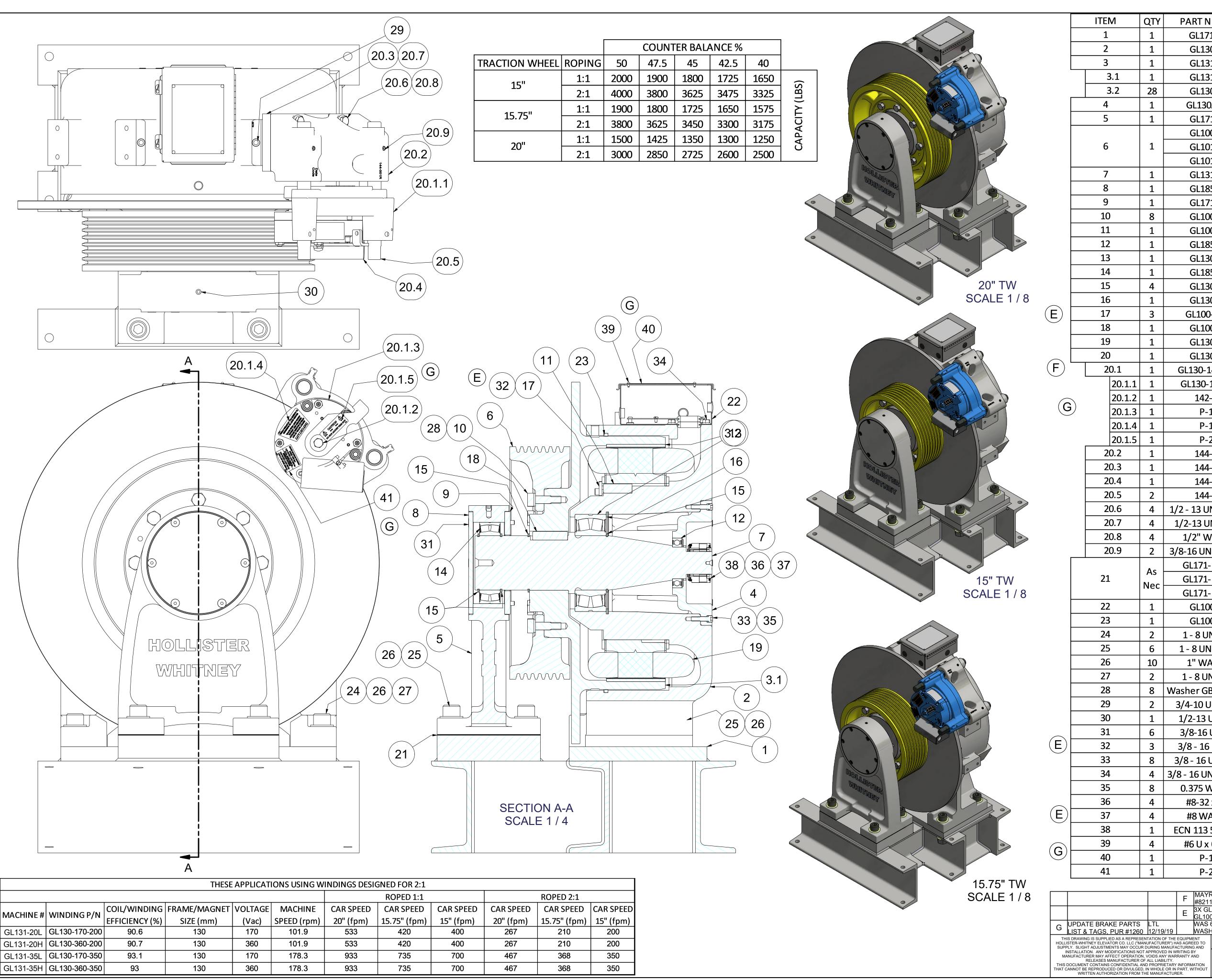
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EM	QTY	PART NUMBER	DESCRIPTION
1	1	GL101B-01	BASE FABRICATION - FINISHED
2	1	GL100-001	BASE HOUSING, MOTOR #GL100
3	1	GL101-002	ROTOR ASSEMBLY, MOTOR #GL100
3.1	1	GL101-004	ROTOR
3.2	28	GL100-099	PERMANENT MAGNET - MOTOR #GL100
4	1	GL260-005	BEARING CAP
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS
		GL100-010	20" TW (6 x 1/2" ROPE MAX)
5	1	GL101-009	15" TW (8 x 3/8" ROPE MAX)
-		GL101-011	15.75" TW (8 x 3/8" ROPE MAX)
7	1	GL101-011 GL101-018	MAIN SHAFT
3	1	GL101-018 GL185-019	END CAP
) )			
	1	GL171-020	BEARING END CAP
0	8	GL100-073	BODY BOLT
1	1	GL100-088	KEY - STATOR CORE TO BASE
2	1	GL185-089	BEARING, SEALED SINGLE ROW DEEP GROOVE BALL
3	1	GL100-090	Bearings, Sealed Spherical Roller
4	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
5	1	GL100-092	RETAINING RING - SHAFT
6	3	GL130-092	RETAINING RING - SHAFT
7	1	GL100-093	RETAINING RING - HOUSING
8	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
9	1	GL100-095	KEY - ROTOR TO SHAFT
0	1	GL100-100	WINDING ASSEMBLY
1	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		142-050	BLACK VINYL CAP
21.1.3		P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
21.1.4		P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21.1.4		P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT
<u> 21.1.5</u> 21.2	1	142-001	BRAKE BASE
21.2 21.3	1		
21.3 21.4		146-003	COVER - MAYR #6 ELECTRICAL
21.4 21.5	2	142-012	BRAKE ROD
	4	1/2-13 UNC x 2	SOCKET HEAD CAP SCREW
21.6	4	1/2" WASHER	STANDARD WASHER
21.7	2	,	SET SCREW
21.8	2	M6 x 1.00 x 8mm	SHCS - Metric
-	As	GL171-157-05	OUTBOARD STAND SHIM - 0.005"
2	Nec.	GL171-157-10	OUTBOARD STAND SHIM - 0.010"
		GL171-157-31	OUTBOARD STAND SHIM - 0.031"
3	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
4	1	GL100-165	FELT DUST SEAL
5	2	1 - 8 UNC x 5"	SOCKET HEAD CAP SCREW
6	2	1 - 8 UNC x 4"	SOCKET HEAD CAP SCREW
7	4	1 - 8 UNC x 3.25"	SOCKET HEAD CAP SCREW
8	8	1" WASHER	SAE WASHER
9	8	1" NUT	HEX NUT
C	8	Washer GB 859-87 18	Single coil spring lock washers, Light type
1	6		SET SCREW (HOLE PLUG)
2	6	-	SET SCREW (HOLE PLUG)
3	6	3/8-16 UNC x 4	FLAT HEAD CAP SCREWS
4	6		SOCKET HEAD CAP SCREW
5	3	3/8 - 16 UNC x 1	SOCKET HEAD CAP SCREW
5	4	3/8 - 16 UNC x 0.625"	
5 7	6	0.375 WASHER	CAP SCREW LOCK WASHER
, 8	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW
		-	
	4	#8 WASHER	
) 1		ECN 113 52810061	50mm HEIDENHAIN ENCODER
1	4	#6 U x 0.3125	DRIVE SCREW
2	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE
3	1	P-210	TAG, GL101 - BRAKE RATINGS FOR MAYR #6
			WEIGHT: 1920.5 lbmas
		F #2214062 DUD #1244	LTL HOLLISTER-WHITNEV
		F #8211863, PUR #1244	12/9/19

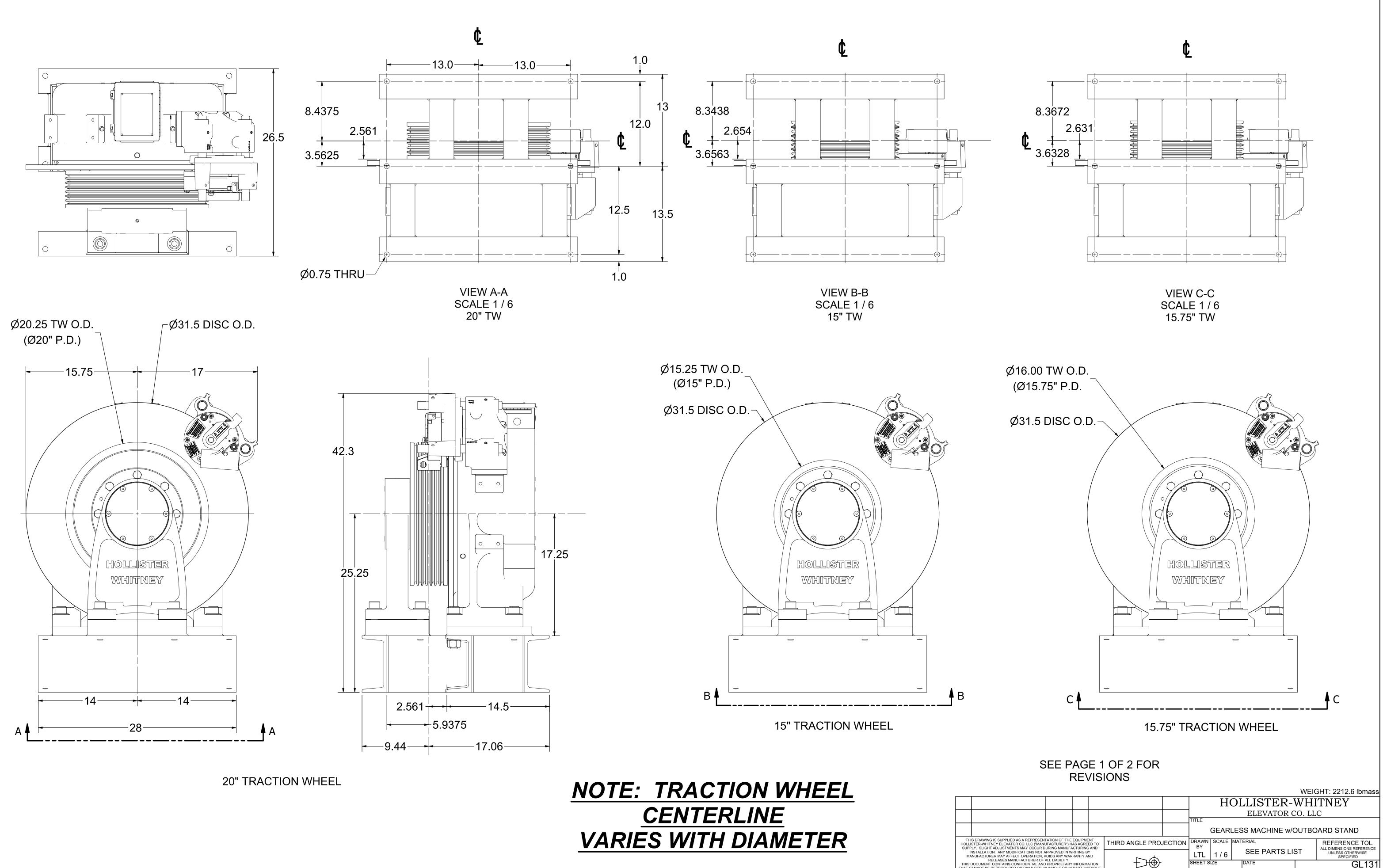
				R #8275067 WAS 1863, PUR #1244	LTL 12/9/19		H	OLLISTER-	WH	TNEY
				_100-094-1 WAS 1X	1 - · -			ELEVATOR (	CO. LL	С
		<b>–</b>	GL10	0-094, 3X 3/8x1HHC	S 6/5/19	TITLE				
PARTS	LTL			6X, REMOVE 6X 3/8	3			LESS MACHINE w/		
R #1260	12/19/19		WASH	HERS, PUR #1111			GEAR	LESS MACHINE W/	JUIDC	ARD STAND
CO. LLC ("MANU	TATION OF THE JFACTURER") H. URING MANUFA	AS AGRE	ED TO	THIRD ANGLE PRO	DJECTION	DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.
CATIONS NOT A OPERATION, V	PPROVED IN W	RITING B	Y			LTL	1/4	SEE PARTS LI	ST	UNLESS OTHERWISE SPECIFIED
	ALL LIABILITY. PROPRIETARY WHOLE OR IN				}	SHEET S	IZE	DATE		GL101
	E MANUFACTUR			- T			D	5/21/2014		



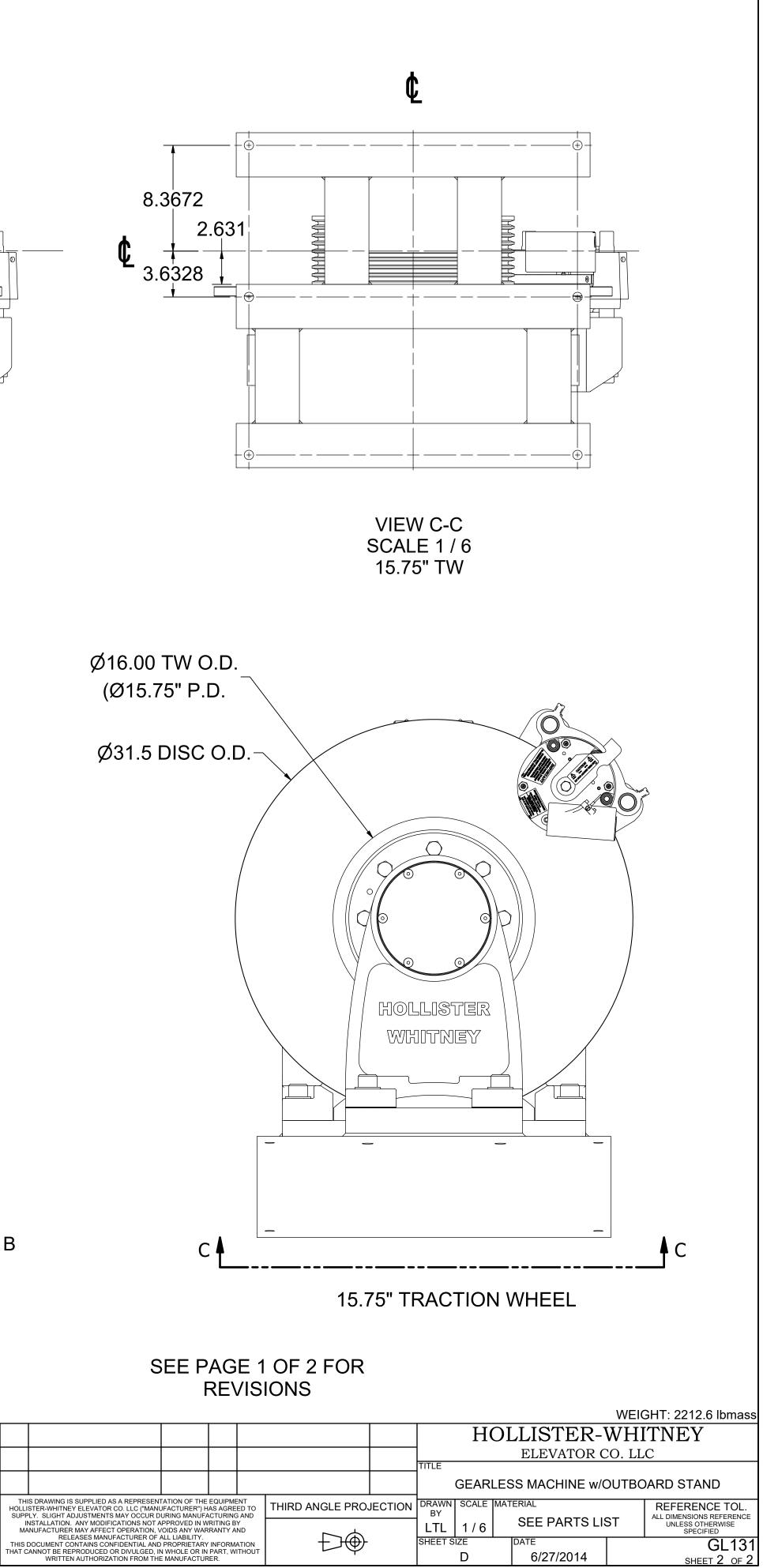


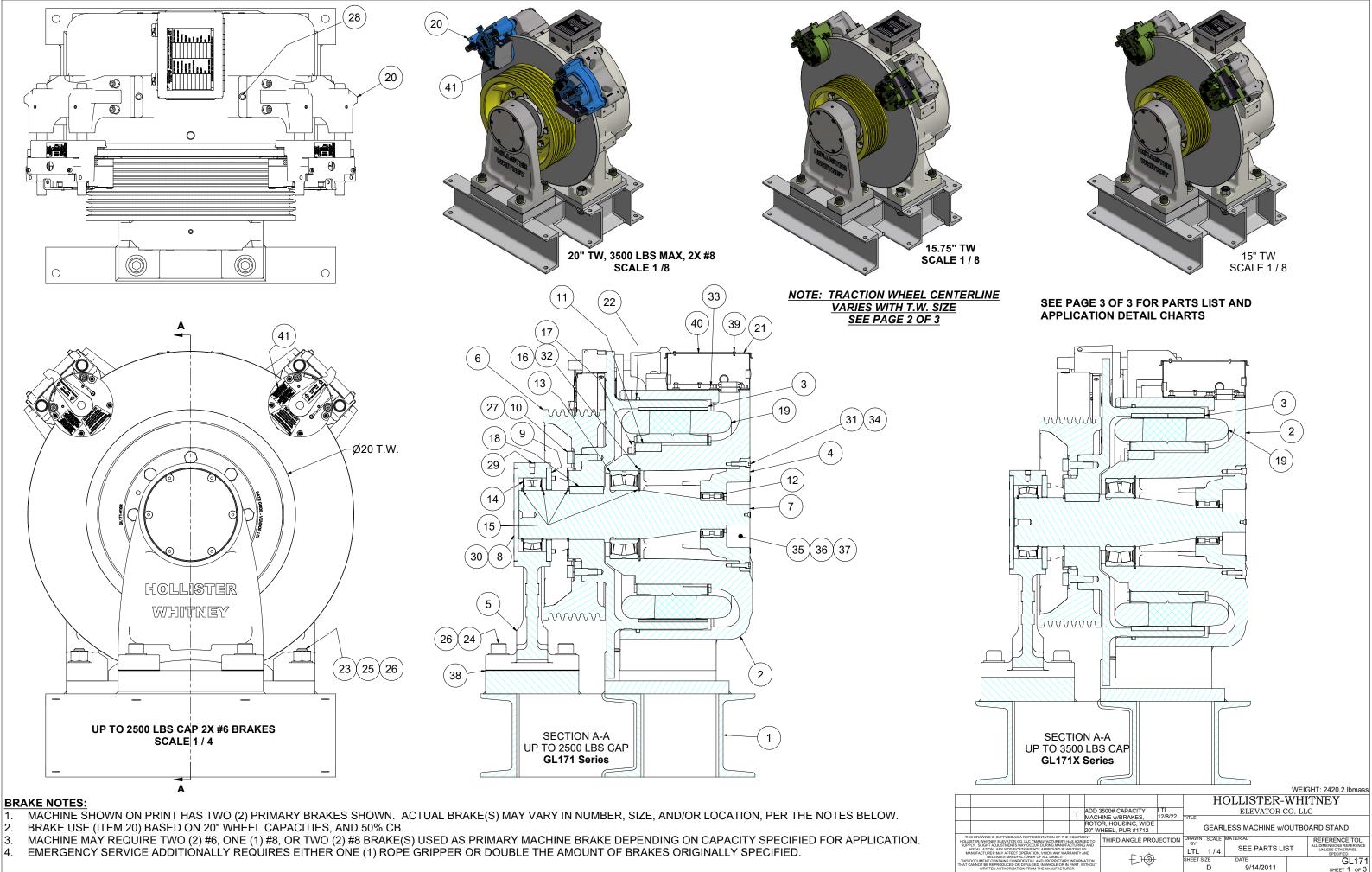
							KOFLD I.I			
	WINDING P/N	COIL/WINDING	FRAME/MAGNET	VOLTAGE	MACHINE	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	
MACHINE #		EFFICIENCY (%)	SIZE (mm)	(Vac)	SPEED (rpm)	20" (fpm)	15.75" (fpm)	15" (fpm)	20" (fpm)	1
GL131-20L	GL130-170-200	90.6	130	170	101.9	533	420	400	267	
GL131-20H	GL130-360-200	90.7	130	360	101.9	533	420	400	267	
GL131-35L	GL130-170-350	93.1	130	170	178.3	933	735	700	467	
GL131-35H	GL130-360-350	93	130	360	178.3	933	735	700	467	

	QTY	PART N	UMBER	DESCRIPTION					
	1	GL171	LB-01	BASE FABRIC	ATION	- FI	NISHED		
	1	GL130	0-001	BASE HOUSIN	IG, MO	то	R #GL130		
	1	GL131	1-002	ROTOR ASSEM	MBLY, I	MO	TOR #GL131		
1	1	GL131	1-004	ROTOR					
2	28	GL130	)-099	PERMANENT	MAGN	IET ·	- MOTOR #GL1	.30	
	1	GL130/		BEARING CAP					
	1	GL171		OUTBOARD S		Δ	GEARIESS		
	-	GL17		20" TW (6 x 1/					
	1								
	L	GL101		15" TW (8 x 3)			•		
		GL101		15.75" TW (8	x 3/8"	ROI	PE MAX)		
	1	GL131	1-018	MAIN SHAFT					
	1	GL185	5-019	END CAP					
	1	GL171	1-020	BEARING END	O CAP				
	8	GL100	)-073	BODY BOLT					
	1	GL100	)-088	KEY - STATOR	CORE	то	BASE		
	1	GL185	5-089	BFARING, SFA	ALED S	ING	LE ROW DEEP	GROC	VF BALL
	1	GL130		-			LER BEARING		
	1	GL185							
	4	GL130		RETAINING R					
	1	GL130		RETAINING R					
	3	GL100-	-094-1	CLAMP - STAT	FOR AS	SEN	MBLY		
	1	GL100	)-095	KEY - ROTOR	TO SHA	<u>\</u> FT			
	1	GL130	0-100	WINDING ASS	SEMBL	Y - 2	28 POLE		
	1	GL130	)-144	DISC BRAKE (	MAYR	#8)	- MRL		
1	1	GL130-14		•			STANDARD STI	CKFR	5
- 0.1.1	1	GL130-1					).03S 52V #827		
0.1.2	1	142-		BLACK VINYL	-		J.033 32 V #027		
						~			A <b>T</b> A
0.1.3	1	P-1		-			NE BRAKE AIR		
0.1.4	1	P-1	.90	ROTOR INSPE	CTION	&	BRAKE BURNIS	HING	STICKER
0.1.5	1	P-2	29	CAUTION LAE	BEL - DO	N C	OT ADJUST TH	<u>IS NU</u>	Т
2	1	144-	001	BRAKE BASE					
3	1	144-	002	ADAPTOR PL	ATE - B	RA	KE BASE		
4	1	144-	003	COVER - MAY	R #8 EI	LEC	TRICAL		
5	2	144-		BRAKE ROD					
6	4	1/2 - 13 UN		HEX HEAD CA		=\\/			
7		-					,		
	4	1/2-13 UN		FLAT HEAD CA					
8	4	1/2" W		STANDARD W	/ASHEI	K			
9	2	3/8-16 UN		SET SCREW					
	As	GL171-1	157-05	OUTBOARD S	TAND	SHI	M - 0.005"		
	Nec	GL171-:	157-10	OUTBOARD S	TAND	SHI	M - 0.010"		
	NCC	GL171-:	157-31	OUTBOARD S	TAND	SHI	M - 0.031"		
	1	GL100	)-159	ELECTRICAL E	NCLOS	SUR	E, HOFFMAN A	1806C	H - MODIFIED
	1	GL100	)-165	FELT DUST SE					
	2	1 - 8 UN		SOCKET HEAD		SCR	EW		
	6	1 - 8 UN		SOCKET HEAD					
	-				CAPS	ירע			
	10	1" WA		SAE WASHER					
	2	1 - 8 UN		HEAVY HEX N		r			
	8			<u> </u>			vashers, Light	type	
	2	3/4-10 UI	NCx0.75	HALF DOG SE	T SCRE	W			
	1	1/2-13 U	JNCx0.5	HALF DOG SE	T SCRE	W			
	6	3/8-16 l	JNC x 4	FLAT HEAD CA	AP SCR	EW	S		
	3	3/8 - 16		SOCKET HEAD	CAP S	SCR	EW		
	8	3/8 - 16 U		SOCKET HEAD					
	<u> </u>	3/8 - 16 UN		WHIZ BOLT					
		•				1.			
	8	0.375 W		CAP SCREW L					
	4	#8-32	-						
	4	#8 WA		INT. TOOTH L					
	1	ECN 113 5	52810061	50mm HEIDE	NHAIN	EN	CODER		
	4	#6 U x (	0.3125	DRIVE SCREW	/				
	1	P-1	.73	MOTOR TAG -	PMA	C GE	ARLESS MACH	IINE	
	1	P-2					TINGS FOR MA		3
	-	. 2		-,	<b>\  \ </b>				, GHT: 2212.6 lbmass
			8 #8275066 WAS		F	$\overline{0}$	LLISTER-		
		= βX GL	<u>833, PUR #1244</u> 100-094-1 WAS	1X LTL	<b>L</b> .		ELEVATOR (		
PARTS	LTL	GL100	0-094, 3X 3/8x1H 6X, REMOVE 6X	HCS 6/5/19 TITLE					
JR #126	12/19		ERS, PUR #11	1			SS MACHINE w/		
R CO. LLC ("M S MAY OCCU	ANUFACTUR R DURING M	ER") HAS AGREED TO ANUFACTURING AND D IN WRITING BY	THIRD ANGLE	BY	(		TERIAL SEE PARTS LI	ST	REFERENCE TOL. ALL DIMENSIONS REFERENCE
CT OPERATIO	N, VOIDS AN OF ALL LIABI	Y WARRANTY AND	<u>1</u>	LT	L 1/4	+	DATE	- ' 	UNLESS OTHERWISE SPECIFIED GL131
	D, IN WHOLE	OR IN PART, WITHOUT		❤	D		6/27/2014		GL 131 SHEET 1 OF 2

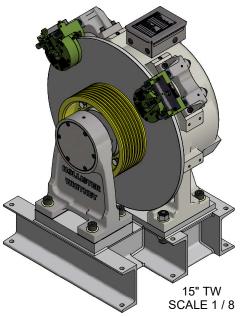


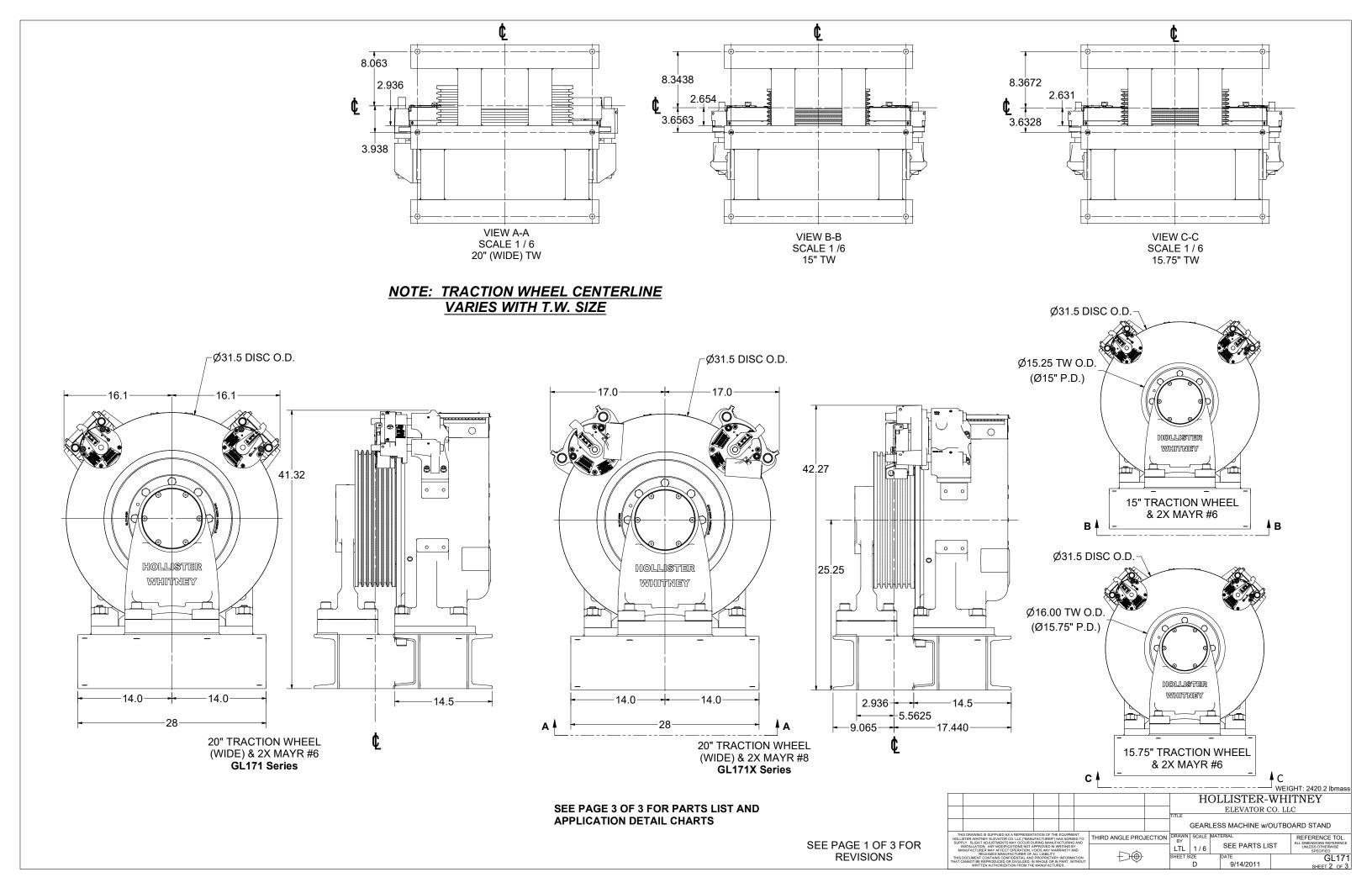




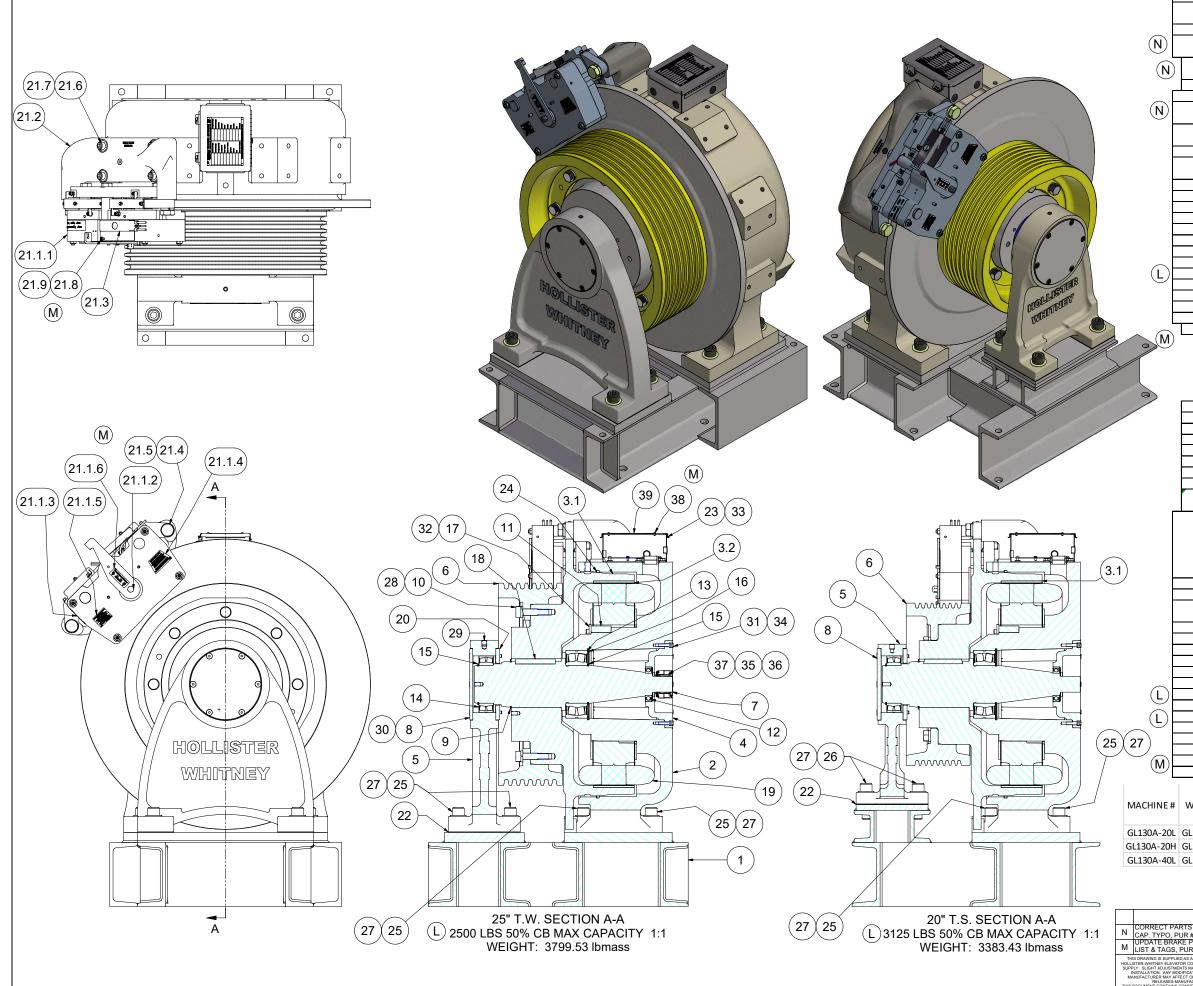


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- 2.
- 3. 4.





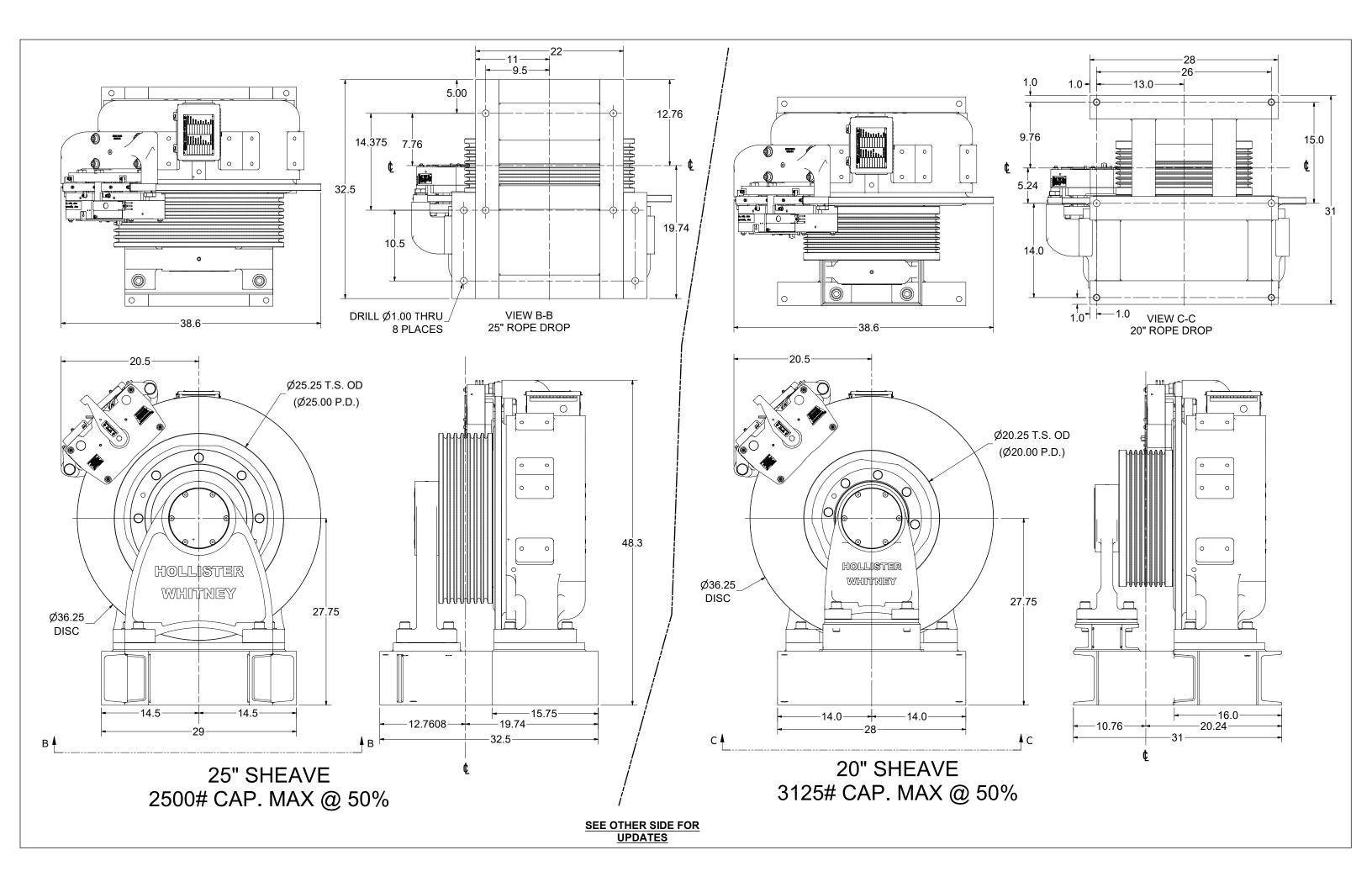
ITEM	QTY	PART NUMBER	DESCRIPTION				Tł	HESE APPLICATI	ONS USING WIN	DINGS DESIGN	IED FOR 1:1				
1	1	GL171B-01	BASE FABRICATION - FINISHED								ROPED 1:1			ROPED 2:1	
2		GL170-001	BASE HOUSING, MOTOR #GL170	MACHINE		NDING P/N	NING FRAME/MA	GNET VOLTAG	E MACHINE	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED
2	T	GL180-001	BASE HOUSING, MOTOR #GL181	_		EFFICIENCY			SPEED (rpm)	20" (fpm)	15.75" (fpm)	15" (fpm)		15.75" (fpm)	
n	1	GL171-002	ROTOR ASSEMBLY, MOTOR #GL170, TO 2500# CAP 50% CB	GL171-20		.71-170-200 87	170	170	38.2	200	158	150	100	79	75
3	T	GL181-002	ROTOR ASSEMBLY, MOTOR #GL181, TO 3500# CAP 50% CB	GL171-20H		71-360-20087.81-380-35087	170 170	360 380	38.2 66.8	200 350	158 276	150 263	100 175	79 138	75 131
4	1	GL130-005	BEARING CAP			.71-170-400 87	170	170	76.4	400	315	300	200	158	151
5	1	GL171-006	OUTBOARD STAND, AC GEARLESS		1011	./11/0400			ONS USING WIN			500	200	130	150
		GL100-009	15" TW (8 x 3/8" ROPE MAX)								ROPED 1:1			ROPED 2:1	
6	1	GL171-010	20" TW (7 x 1/2" ROPE MAX)	GL171-70	. GL1	.70-170-350 93.9	170	170	178.3	933	735	700	467	368	350
		GL100-011	15.75" TW (8 x 3/8" ROPE MAX)	GL171-70	I GL1	.70-360-350 94	170	360	178.3	933	735	700	467	368	350
7	1	GL171-018	MAIN SHAFT					1				/			—ı
8	1	GL185-019	END CAP						CO	UNTER E	BALANC	E %			
9	1	GL171-020	BEARING END CAP			TRACTION	ROPING	го		4	1	эг	40	— ВК	AKES
10	8	GL100-073	BODY BOLT			WHEEL	RUPING	50	47.5	45	4	2.5	40		UIRED
11	1	GL100-088	KEY - STATOR CORE TO BASE							CAPACI	TY (LBS)				
12	1	GL100-089	Bearing, Sealed Double Row Cylindrical Roller							1					
13	1	GL130-090	SEALED SPHERICAL ROLLER BEARING	4		4 5 11	1:1	2500	2375	2250	) 2	150	2075		
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER			15"	2.1	F000	4750	4521	- A	າງບ	4150		#8
15	4	GL130-092	RETAINING RING - SHAFT				2:1	5000	4750	452	5 4	325	4150		# ~
16	1	GL130-093	RETAINING RING - HOUSING		1		1:1	2375	2250	2150	n 2	050	1975		MAYR
17	3	GL100-094-1	CLAMP - STATOR ASSEMBLY			15.75"								_	<b>₹</b>
18	1	GL171-095	KEY - MAIN SHAFT TO ROTOR				2:1	4750	4525	432	5   4	125	3950		2
		GL181-100	WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELOW	ן נ	)		1.1	1075	1775	170	1	COL	100		1X
19	1	GL171-100	WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELOW	_		20"	1:1	1875	1775	1700	J 1	625	1550		
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL.) SEE BELOW	_		20	2:1	3750	3550	3400	) 3	250	3125		
	1	GL130-144	DISC BRAKE (MAYR #8) THRU 1875# CAP 50% CB	╡ ┢───											
20	2	GL100-146	DISC BRAKE (MAYR #6) 1876# TO 2500# CAP 50% CB	-		15"	1:1	3325	3225	312	5   3	025	2925		
	2	GL130-144	DISC BRAKE (MAYR #8) 2501# TO 3500# CAP 50% CB			15	2:1	6650	6450	6250		050	5875		9#
21	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED	40	20		2.1		0430						
22	1	GL100-165	FELT DUST SEAL		÷		1:1	3150	3050	297	5 2	875	2800		YR
23	2	1-8UNC x 5"	SOCKET HEAD CAP SCREW	17	17	15.75"									ΜA
24	6	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW	- I C	GĽ,		2:1	6325	6125	5950	5 5	750	5600		
25 26	2	1 - 8 UNC NUT	HEAVY HEX NUT		0		1:1	2500	2400	232	5 2	250	2200		2X
20	10	1" WASHER		- 1		20"	<u> </u>	2300	2400	252.	<u> </u>	230	2200		
27	8	3/4-10 UNC x 0.75	HELICAL SPRING LOCK WASHER - BODY BOLT SET SCREW (HOLE PLUG)	- 1			2:1	5000	4825	467	5   4	525	4400		
28	2	-					1.1	4000	4425	122	- A		2075		
30	6	1/2-13 UNC x 0.5 3/8-16 UNC x 4	SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS	1 1		15"	1:1	4650	4425	422	5 4	050	3875		
31	ں بر	3/8 - 16 UNC - 1 1/2	SOCKET HEAD CAP SCREW				2:1	9300	8850	8450	2 8	100	7750		# 8
32	3	3/8 - 16 UNC - 1	SOCKET HEAD CAP SCREW												ά l
33	4	3/8-16 UNC x 0.625	WHIZ BOLT		ì		1:1	4425	4225	402	5   3	850	3700		MAYR
34	8	0.375 WASHER	CAP SCREW LOCK WASHER		•	15.75"	7.1	0050	0150	000	<u> </u>	700	7400		$\stackrel{\scriptstyle \leftarrow}{}$
35	4	#8-32 x 1/4"	SOCKET HEAD CAP SCREW				2:1	8850	8450	8050	J /	700	7400		
36		#8 WASHER	INT. TOOTH LOCKWASHER	-   Ľ	)		1:1	3500	3325	317	5 3	025	2900		2X
37	1	ECN-113	ID# 81800-61 2048PPR 50mm HEIDENHAIN ENCODER	1		20"								—	
<u>.</u>	-	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"	1			2:1	7000	6650	6350	0   6	050	5800		
38	AS NEC.	GL171-157-10	OUTBOARD STAND SHIM- 0.010"	1		•		•I			<u> </u>	<b>I</b>			
		GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"	1						I				ייזיזי הידיי	
39	4	#6 U x 0.3125	DRIVE SCREW	1										STER-WHI <u>evator co. ll</u>	
40	1	P-173	MOTOR TAG - PMAC GEARLESS MACHINE	1									GEARLESS M	ACHINE w/OUTBC	ARD STAND
	1 or 2	P-242	TAG, GL171 & GL181 - BRAKE RATINGS FOR MAYR #8	1				E 1 OF 3 FOR		PPLIED AS A REPRESENTATION OF T LEVATOR CO. LLC ("MANUFACTURER" STMENTS MAY OCCUR DURING MANU IV MODIFICATIONS NOT APPROVED IN	THIRD AN	GLE PROJECTION	RAWN SCALE MATERIAL	E PARTS LIST	REFERENCE TOL.
41	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6	1				ISIONS		IY MODIFICATIONS NOT APPROVED IN VY AFFECT OPERATION, VOIDS ANY W IES MANUFACTURER OF ALL LIABILIT AINS CONFIDENTIAL AND PROPRIETA DUCED OR DIVULGED, IN WHOLE OR JTHORIZATION FROM THE MANUFACT			EET SIZE DATE	/14/2011	ALL DIMENSIONS REFERENC UNLESS OTHERWISE SPECIFIED GL17

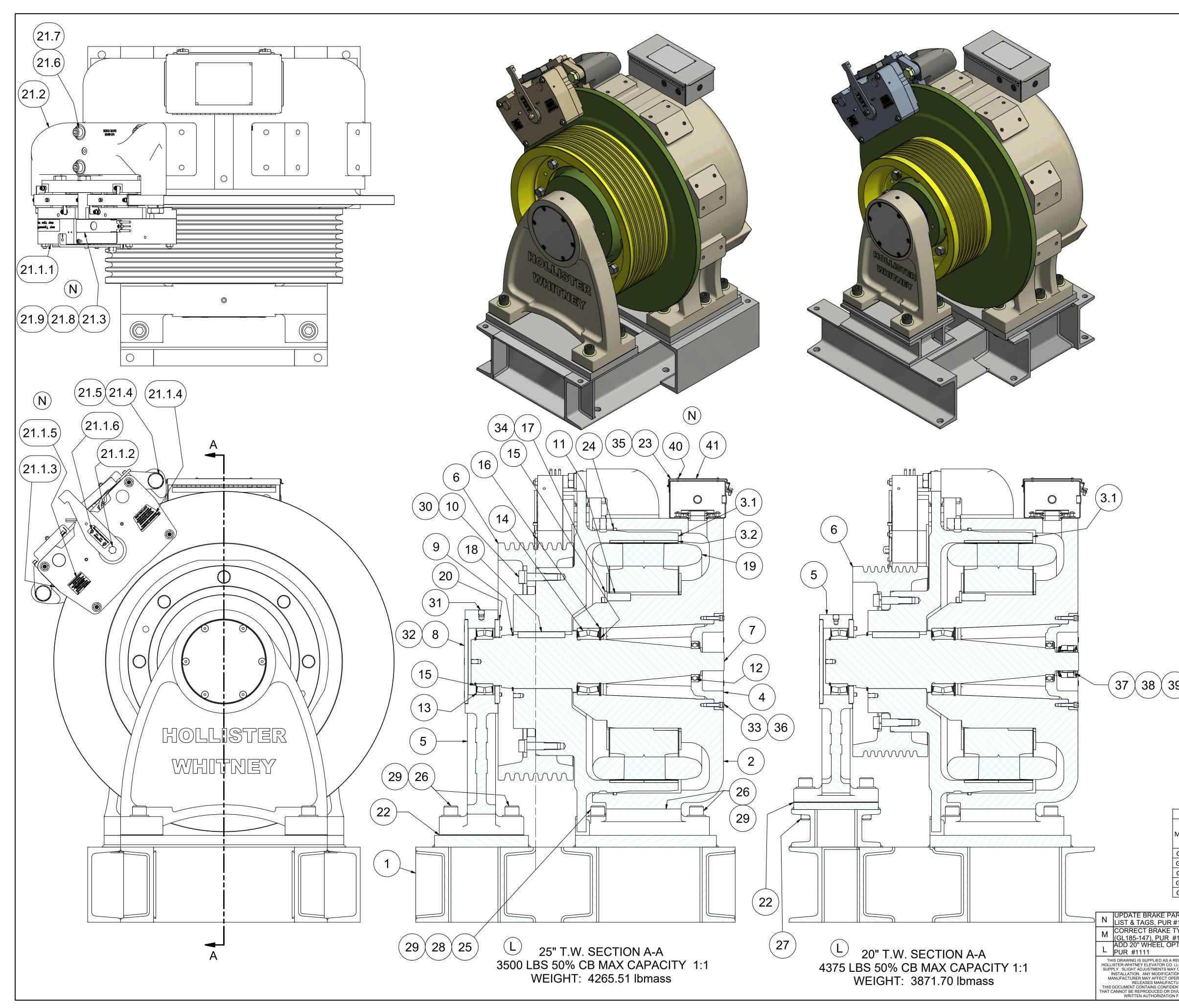


ITEM		QTY	PART NUMBE	R DESCRIPTION
4		1	GL130AB-01	FINISHING BASE, GL130A, 25" T.S.
1		1	GL130AB-03	FINISHING BASE, GL130A, 20" T.S.
2		1	GL130A-001	BASE HOUSING, MOTOR #GL130A
		1	GL130A-002	ROTOR ASSEMBLY - #GL130A, 25" T.S.
3		1	GL130A-002-	
3.1		1	GL130A-004	ROTOR - GL130A, 25" T.S.
		1	GL130A-004-1	
3.2		40	GL260-099	PERMANENT MAGNET - #GL260 & GL130A MOTORS
4		1	GL130A-005	BEARING CAP
-		1	GL185-006	OUTBOARD STAND, 25" T.S.
5		1	GL171-006	OUTBOARD STAND, 20" T.S.
		1	GL185-008	SHEAVE, 25"
6		1	GL130A-008	SHEAVE, 20"
7				
7		1	GL130A-018	MAIN SHAFT - GL130A 1:1 MACHINE
8		1	GL185-019	END CAP, OUTBOARD STAND, 25" T.W.
		1	GL171-019	END CAP, OUTBOARD STAND, 20" 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 SR DEEP GROOVE BALL
13		1	GL130-090	SEALED SPHERICAL ROLLER BEARING
10		1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
14				
		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
20		1	GL185-104	INBOARD CAP, OUTBOARD STAND, 25" T.W.
21		1	GL185-147	DISC BRAKE (MAYR 10.1) ASSEMBLY
21.1		1	GL185-147-115	
	1.1.1	1	GL185-147-11	
	1.1.2	1	142-050	
	1.1.3	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
	1.1.4	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER
21	1.1.5	1	P-214	TAG, GL130A, GL185 & GL260 - BRAKE RATINGS
21	1.1.6	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 x 3 1	, <i>,</i> ,
21.5		2	1" WASHER	STANDARD LOCK WASHER
21.6		4	5/8-11 UNC x 2	
21.7		4	5/8 WASHER	
21.8		1	M4 x 0.7 x 8m	
21.9				STANDARD WASHER
		1	#8 WASHER	
21.10		AS	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)
21.10				
21.10		AS NEC	143-026	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN) BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)
21.10		AS NEC AS	143-026 143-027	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN) BRAKE HOUSING SHIM - 0.06" (NOT SHOWN) OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.
		AS NEC	143-026 143-027 GL185-157-05 GL185-157-10	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN) BRAKE HOUSING SHIM - 0.06" (NOT SHOWN) OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W. OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.
21.10 22		AS NEC AS NEC	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN) BRAKE HOUSING SHIM - 0.06" (NOT SHOWN) OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W. OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W. OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.
		AS NEC AS	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31 GL171-157-05	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)           BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)           OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.
		AS NEC AS NEC	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31 GL171-157-05 GL171-157-10	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)           BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)           OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.
22		AS NEC AS NEC AS	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31 GL171-157-05 GL171-157-10 GL171-157-31	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)           BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)           OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.
22		AS NEC AS NEC AS NEC 1	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31 GL171-157-05 GL171-157-31 GL171-157-31 GL100-159	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.006" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.
22		AS NEC AS NEC AS	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31 GL171-157-05 GL171-157-10 GL171-157-31	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL
22 23 24		AS NEC AS NEC AS NEC 1	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-31 GL171-157-05 GL171-157-05 GL171-157-31 GL100-159 GL100-165-1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND
22		AS NEC AS NEC AS NEC 1	143-026 143-027 GL185-157-05 GL185-157-10 GL185-157-31 GL171-157-05 GL171-157-31 GL171-157-31 GL100-159	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL
22 23 24		AS NEC AS NEC AS NEC 1 1 8	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-31 GL171-157-05 GL171-157-05 GL171-157-31 GL100-159 GL100-165-1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.0131" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A, 1, 20" T.W., BASE ONLY
22 23 24 25		AS NEC AS NEC AS NEC 1 1 8 4 4	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-33 GL171-157-05 GL171-157-05 GL171-157-37 GL100-159 GL100-165-1 1-8 UNC - 4 1-8 UNC - 3.5	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.034" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.034" GL171 A-STAND, 20" T.W.         BOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND
22 23 24 25 26 27		AS NEC AS NEC 1 1 8 4 4 8	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-31 GL171-157-05 GL171-157-05 GL171-157-31 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         BACAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER
22 23 24 25 26 27 28		AS NEC AS NEC 1 1 8 4 4 8 8 8	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.006" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)
22 23 24 25 26 27 28 29		AS NEC AS NEC 1 1 8 4 4 8 8 8 1	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R         Heavy Helical Spring Lock Washers(Inch Series)         325       Set Screw - Flat Point
22 23 24 25 26 27 28 29 30		AS NEC AS NEC 1 1 1 8 4 4 8 8 1 6	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-1599 GL100-165-1 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.0 3/8-16 UNC x 0.0	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL175 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R         Heavy Helical Spring Lock Washers(Inch Series)         325 Set Screw - Fiat Point         4       FLAT HEAD CAP SCREWS
22 23 24 25 26 27 28 29 30 31		AS NEC AS NEC 1 1 1 8 4 4 8 8 1 6 8	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-33 GL171-157-05 GL171-157-05 GL100-159 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 5/8-11 UNC x 0.0 3/8-16 UNC x 0.0	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)           BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)           OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.031" GL165 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           HOFFMAN ELECTRICAL ENCLOSURE           FELT DUST SEAL           SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND           SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY           SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND           SAE WASHER           R         Heavy Helical Spring Lock Washers(Inch Series)           325         Set Screw - Flat Point           4         FLAT HEAD CAP SCREWS           1.5         SOCKET HEAD CAP SCREW
22 23 24 25 26 27 28 29 30 30 31 32		AS NEC AS NEC AS NEC 1 1 1 8 4 4 8 8 8 1 6 8 3	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-159 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.1 3/8 - 16 UNC x 1 3/8 - 16 UNC x 1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)           BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)           OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.003" GL185 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 25" T.W.           OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.           HOFFMAN ELECTRICAL ENCLOSURE           FELT DUST SEAL           SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND           SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY           SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND           SAE WASHER           R           Heavy Helical Spring Lock Washers(Inch Series)           325 Set Screw - Flat Point           4           FLAT HEAD CAP SCREWS           1.5         SOCKET HEAD CAP SCREW           25         SOCKET HEAD CAP SCREW
22 23 24 25 26 27 28 29 30 31 32 33		AS NEC AS NEC 1 1 1 8 4 4 4 8 8 4 4 8 8 1 6 8 3 4	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.0 3/8 - 16 UNC x 1 3/8 - 16 UNC x 1 3/8-16 UNC x 1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         325       Set Screw - Flat Point         4       FLAT HEAD CAP SCREWS         1.5       SOCKET HEAD CAP SCREW         25       SOCKET HEAD CAP SCREW         25       SOLKET HEAD CAP SCREW         25       WHIZ BOLT
22 23 24 25 26 27 28 29 30 30 31 32		AS NEC AS NEC AS NEC 1 1 1 8 4 4 8 8 8 1 6 8 3	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL107-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 13/16 WASHE 5/8-11 UNC x 0.0 3/8-16 UNC x 3/8 - 16 UNC x 10 3/8 - 16 UNC x 0 3/8 Lock Washe	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         325       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW         .15       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .5       WHIZ BOLT         rs
22 23 24 25 26 27 28 29 30 31 32 33		AS NEC AS NEC 1 1 1 8 4 4 4 8 8 4 4 8 8 1 6 8 3 4	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.0 3/8 - 16 UNC x 1 3/8 - 16 UNC x 1 3/8-16 UNC x 1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A, 25" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         325       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW         .15       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .5       WHIZ BOLT         rs
22 23 24 25 26 27 28 29 30 31 32 33 34		AS NEC AS NEC 1 1 1 8 4 4 8 8 4 4 8 8 1 6 8 3 4 8 8	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL107-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 13/16 WASHE 5/8-11 UNC x 0.0 3/8-16 UNC x 3/8 - 16 UNC x 10 3/8 - 16 UNC x 0 3/8 Lock Washe	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R         Heavy Helical Spring Lock Washers(Inch Series)         S25       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW          .5       SOCKET HEAD CAP SCREW          .5       WHIZ BOLT       FHigh-Collar Helical Spring Lock Washers         1/4       Socket Head Cap Screw       Singh-Collar Helical Spring Lock Washers
22 23 24 25 26 27 28 29 30 31 32 33 33 34 35		AS NEC AS NEC 1 1 8 4 4 4 8 8 1 6 8 8 3 4 8 8 4 4 4 4	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-37 GL171-157-05 GL171-157-05 GL171-157-37 GL100-1695-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 5/8-11 UNC x 0.0 3/8-16 UNC x 1 3/8 - 16 UNC x 1	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R         Heavy Helical Spring Lock Washers(Inch Series)         25 Set Screw - Fiat Point         4       FLAT HEAD CAP SCREW         25       SOCKET HEAD CAP SCREW
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37		AS NEC AS NEC 1 1 1 8 4 4 4 8 8 8 1 6 8 8 3 4 4 4 4 1	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-33 GL171-157-05 GL171-157-05 GL100-159 GL100-165-1 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 5/8-11 UNC x 0.0 3/8 - 16 UNC x 3/8 - 16 UNC x 3/8 - 16 UNC x 10 3/8 - 10 UNC	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL175 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         325       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .5       WHIZ BOLT         rrs       High-Collar Helical Spring Lock Washers         .14       Socket Head Cap Screw<
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38		AS NEC AS NEC 1 1 1 8 4 4 8 8 4 4 8 8 3 4 6 6 8 8 3 4 4 4 4 1 1 4 4	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.1 3/8 - 16 UNC x 3/8 - 16 UNC x 3/8 - 16 UNC x 3/8 - 16 UNC x 1 3/8-16 UNC x 0 3/8 - 16 UNC x 1 3/8	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         S25       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW         25       SOCKET HEAD CAP SCREW         25       SOCKET HEAD CAP SCREW         25       WHIZ BOLT         rs       High-Collar Helical Spring Lock Washers         1/4       Socket Head Cap Screw         5       WHIZ BOLT         rs
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37		AS NEC AS NEC 1 1 1 8 4 4 4 8 8 8 1 6 8 8 3 4 4 4 4 1	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-33 GL171-157-05 GL171-157-05 GL100-159 GL100-165-1 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 5/8-11 UNC x 0.0 3/8 - 16 UNC x 3/8 - 16 UNC x 3/8 - 16 UNC x 10 3/8 - 10 UNC	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL175 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         325       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW          .25       SOCKET HEAD CAP SCREW          .25       SOCKET HEAD CAP SCREW          .5       WHIZ BOLT          rrs       High-Collar Helical Spring Lock Washers
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38		AS NEC AS NEC 1 1 1 8 4 4 8 8 4 4 8 8 3 4 6 6 8 8 3 4 4 4 4 1 1 4 4	143-026 143-027 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 5/8-11 UNC x 0.1 3/8 - 16 UNC x 3/8 - 16 UNC x 3/8 - 16 UNC x 3/8 - 16 UNC x 1 3/8-16 UNC x 0 3/8 - 16 UNC x 0 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0 3/8 - 10 UNC x 0 3/8	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R Heavy Helical Spring Lock Washers(Inch Series)         S25 Set Screw - Flat Point         4 FLAT HEAD CAP SCREW         .5 SOCKET HEAD CAP SCREW         .5 SOCKET HEAD CAP SCREW         .5 WHIZ BOLT         ** High-Collar Helical Spring Lock Washers         1/4 Socket Head Cap Screw         ER EXT. TOOTH LOCK WASHER         .61 <td< td=""></td<>
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39		AS NEC AS NEC AS NEC 1 1 8 4 4 4 8 8 1 6 8 8 3 4 4 4 4 1 1 4 1 0 6 0 7 1 1 8 8 7 1 1 1 8 8 7 1 1 1 1 1 1 1 1	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 13/16 WASHE 13/16 WASHE 5/8-11 UNC x 0.1 3/8-16 UNC x 3/8-16 UNC x 3/8-16 UNC x 0.1 3/8-16 UNC x 0.1 3/8-17 UNC x	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.013" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE & A-STAND         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R         Heavy Helical Spring Lock Washers (Inch Series)         25 Set Screw - Fiat Point         4       FLAT HEAD CAP SCREW         5       SOCKET HEAD CAP SCREW         5       SOCKET HEAD CAP SCREW         5       WHIZ BOLT         FF High-Collar Helical Spring Lock Washers         1/4       Socket Head Cap Screw
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38		AS NEC AS NEC 1 1 1 8 4 4 4 8 8 1 6 8 3 4 4 8 8 4 4 4 1 1 4 1 1 8 8 7 6 8 8 7 6 8 8 7 6 7 8 8 7 8 8 7 8 8 8 8	143-026 143-027 GL185-157-05 GL185-157-05 GL185-157-05 GL171-157-05 GL171-157-05 GL171-157-05 GL100-165-1 1-8 UNC - 4 1-8 UNC - 4 1-8 UNC - 3.5 1 WASHER 13/16 WASHE 13/16 WASHE 13/16 WASHE 5/8-11 UNC x 0.1 3/8-16 UNC x 3/8-16 UNC x 3/8-16 UNC x 0.1 3/8-16 UNC x 0.1 3/8-17 UNC x	BRAKE HOUSING SHIM - 0.03" (NOT SHOWN)         BRAKE HOUSING SHIM - 0.06" (NOT SHOWN)         OUTBOARD STAND SHIM - 0.005" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.010" GL185 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL155 A-STAND, 25" T.W.         OUTBOARD STAND SHIM - 0.005" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.010" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         OUTBOARD STAND SHIM - 0.031" GL171 A-STAND, 20" T.W.         HOFFMAN ELECTRICAL ENCLOSURE         FELT DUST SEAL         SH CAP SCREW, GL130A1, 20" T.W., BASE 0NLY         SH CAP SCREW, GL130A1, 20" T.W., BASE ONLY         SH CAP SCREW, GL130A1, 20" T.W., GL 171 A-STAND         SAE WASHER         R       Heavy Helical Spring Lock Washers(Inch Series)         S25       Set Screw - Flat Point         4       FLAT HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       SOCKET HEAD CAP SCREW         .25       WHIZ BOLT         rrs       High-Collar Helical Spring Lock Washers         1/4       Socket Head Cap Screw

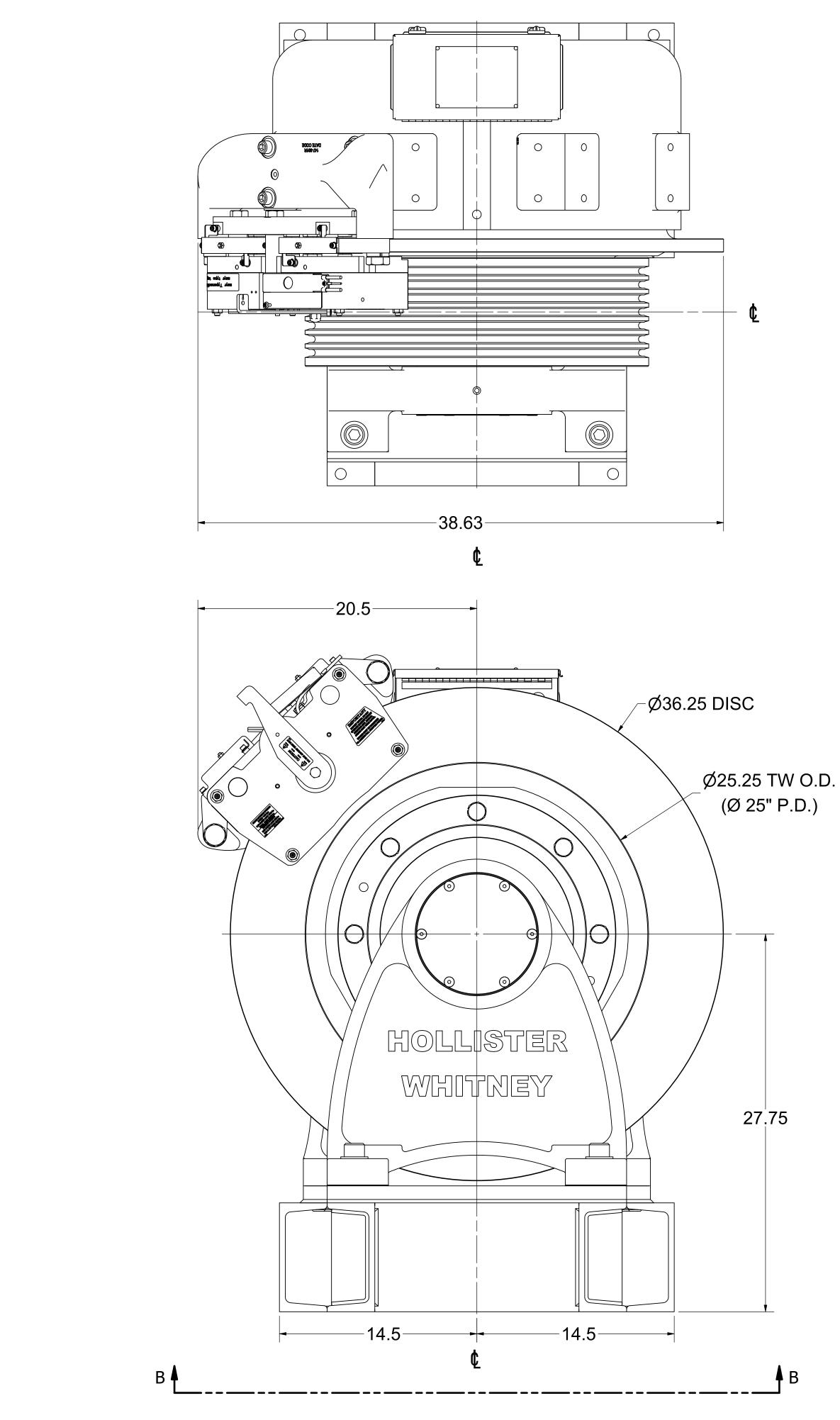
WINDING P/N	COIL/WINDING EFFICIENCY (%)	FRAME/MAGNET SIZE (mm)	VOLTAGE (Vac)	SPEED (RPM)		CAR SPEED 25" (fpm)
GL130A-170-200	90	130A/130	170	38.2	200	250
GL130A-360-200	90	130A/130	360	38.2	200	250
GL130A-170-400	91	130A/130	170	76.4	400	500

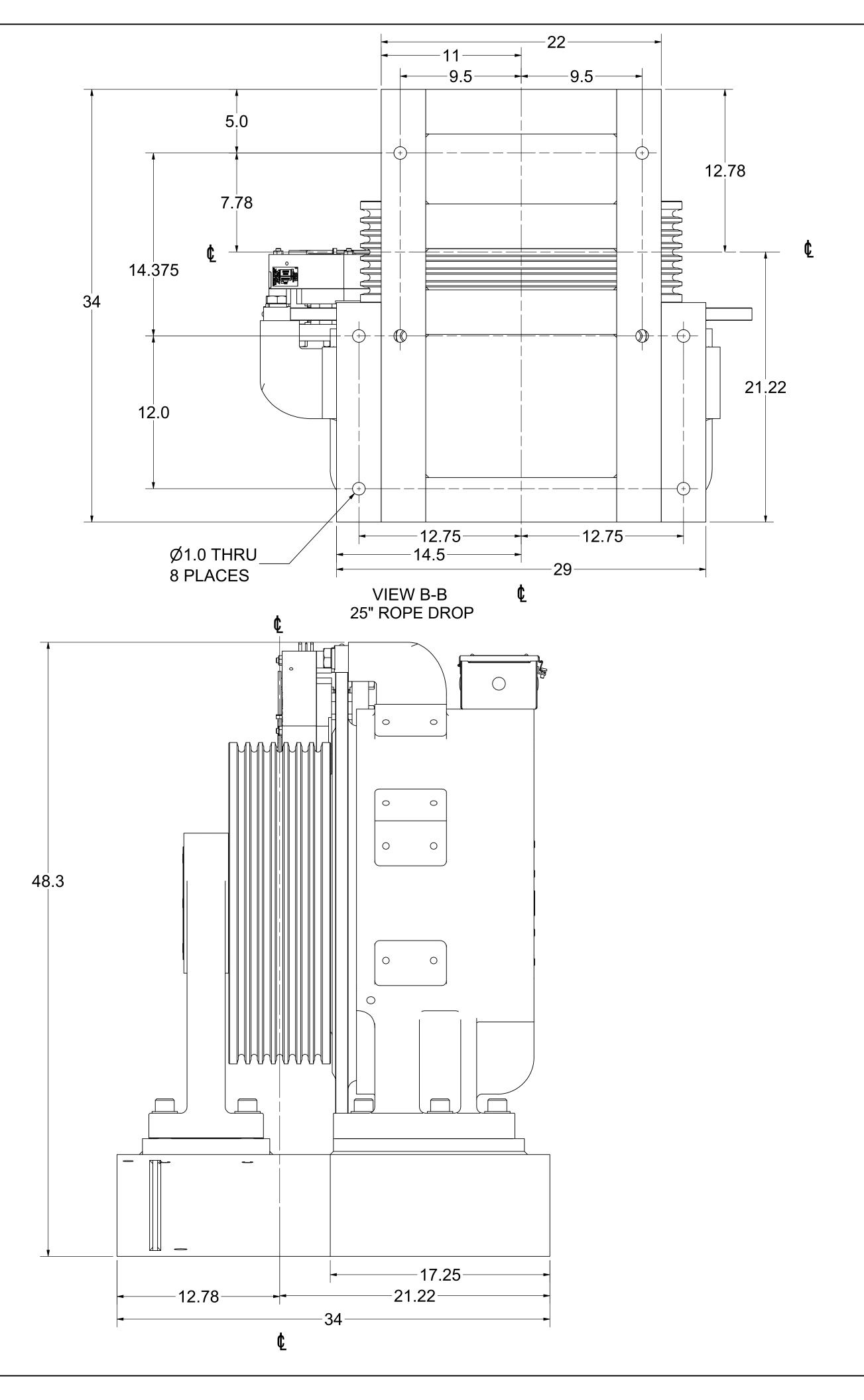
											WEIC	GHT: 3799.5 lbmass
					4-1 WAS 1X X 3/8x1HHCS			H	OI	LISTER-V	WHI	TNEY
	LTL				3/8 WASHER					ELEVATOR C	O. LL	С
	10/12/22				UPDATE		TITLE					
	LTL 1/7/20				WINDING , PUR #1111					GEARLESS M	ACHIN	E
AS A REPRESEN OR CO. LLC ("MAN ITS MAY OCCUR D	UFACTURER*) H	AS AGRE	ED TO	THIRD	ANGLE PRO	JECTION	DRAWN BY	SCALE	MAT			REFERENCE TOL.
ECT OPERATIONS NOT A	APPROVED IN W OIDS ANY WAR	RITING B	Y		$\sim$		LTL	1/6		SEE PARTS LIS	ST	UNLESS OTHERWISE SPECIFIED
ONFIDENTIAL AND D OR DIVULGED. II	PROPRIETARY				₽®		SHEET S	IZE		DATE		GL130A
ZATION FROM TH								D		11/11/2011		SHEET 1 OF 2



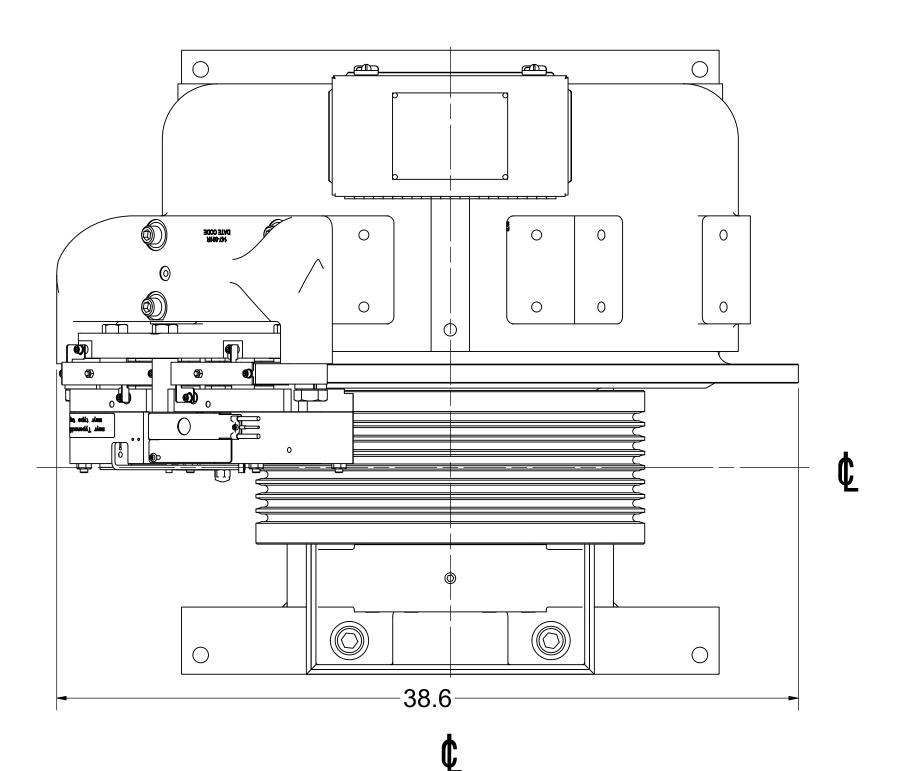


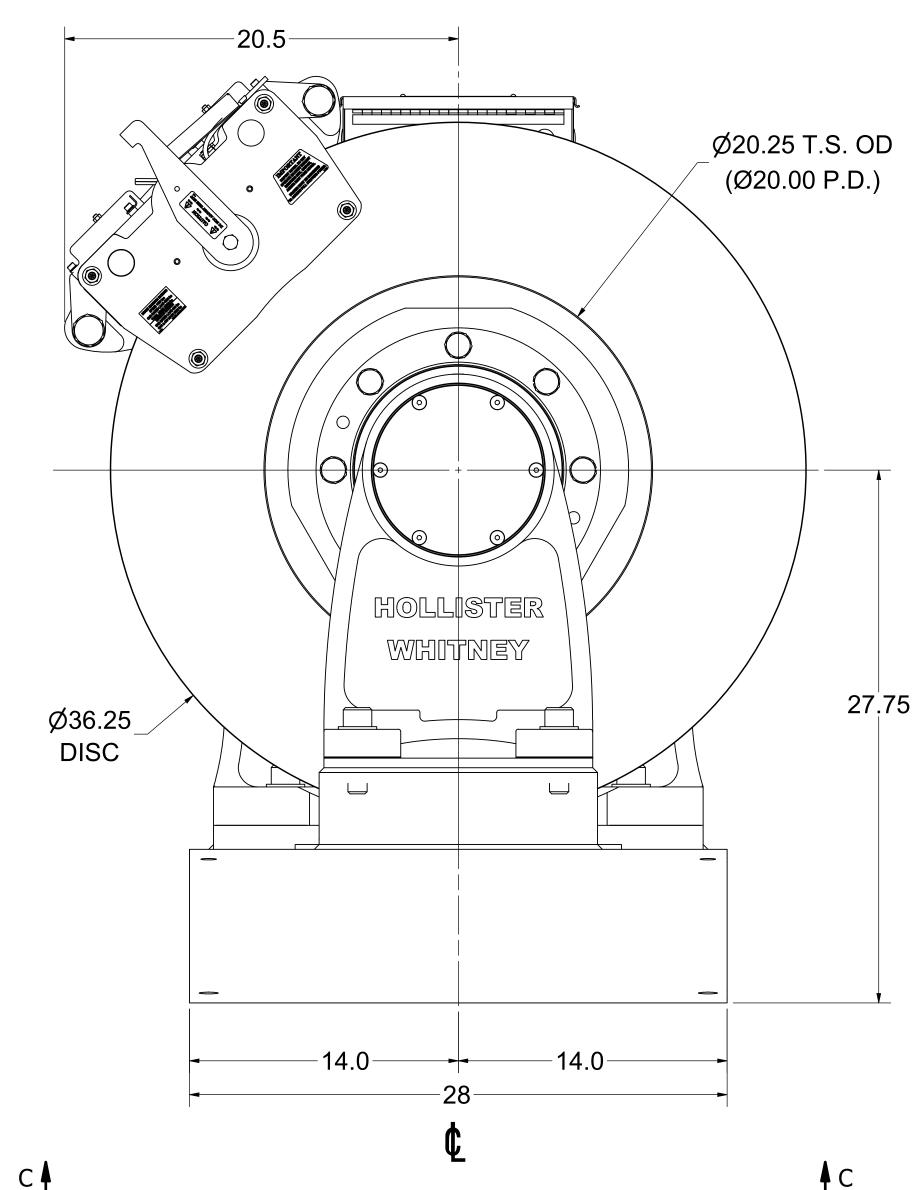
	ITEM		QTY 1		NUMBER	DESCRI				
	1		1		.85B-01 .85B-03			GL185, 25" T GL185, 20" T		
	2		1		.85-001		,	MOTOR #GL1		
	3		1	GL1	.85-002	ROTOR	ASSEMBL	.Y - #GL185, 2	5" T.W. 300	0 LBS CAP.
			1		85-002-1			Y - #GL185, 2		0 LBS CAP.
	3.	1	1		.85-004 35-004-1			25" T.W. 350		
	3.	2	1 80		.85-004-1			20" T.W. 437 GNET - MOT		
	4		1		60-005	BEARIN				
	5		1	GL1	.85-006	OUTBO	ARD STAP	ND, AC GEARI	_ESS, 25" T.	W.
			1		.71-006	_		ND, AC GEARI	ESS, 20" T.	W.
	6		1		.85-008					
	7		1		30A-008 .85-018		CTION W	185 1:1 MAC	HINF	
	8		1		.85-019			DARD STAND,		
	9		1	GL1	.85-020	RETAIN	ING RING	i - ROTOR		
	10		8		.85-073	BODY B				
	11		1		.00-088 .85-089			RE TO BASE		
	13		1		.85-090		•	D SPHERICAL		
	14		1		.85-091		•	D SPHERICAL		
	15		2		.30-092	RETAIN	ING RING	i - SHAFT		
$\bigcap$	16		1		.00-093			- HOUSING		
L	) 17		3		)0-094-1 .85-095	-		ASSEMBLY		
	18		1		.85-100			18LY - 40 POL	E	
	20		1		.85-104	-		UTBOARD ST		
	21		1		.85-147		•	YR 10) ASSEN		
$(\mathbf{M})$	21	1 21.1.1	1		-147-115S 5-147-115	_		KE WITH STA		
$\sim$		21.1.1			2-050		VINYL CA	KE - RSD10/89 P	24.010.229	ποζυζζυσ
Ų	N/ -	21.1.2			-175			ACHINE BRA	KE AIRGAP	DATA
	H	21.1.4			-190	ROTOR	INSPECTI	ON & BRAKE	BURNISHIN	IG STICKER
	H	21.1.5			-214			185 & GL260 -		
	21	21.1.6	1		-229 7-001			- DO NOT AD RGE FRAME (		
	21		1		7-001			10.1 (GL185-1		
	21	.4	2		NC x 3 1/2"		P SCREW	•		
	21		2	1" V	VASHER	STAND	ARD LOCK	WASHER		
	21		4	-	UNC x 2.5			AP SCREW		
	21		4		NASHER ).7 x 8mm		ARD WAS	HER AP SCREW (M		
	21		1		VASHER		ARD WAS			
	21	.10	AS		3-026			SHIM - 0.03"	(NOT SHO	WN)
			NEC		3-027			SHIM - 0.06"	•	
	22		1		.85-159	_				D64CH MODIFIED
			AS		5-157-05 5-157-10					A-STAND, 25" T.W. A-STAND, 25" T.W.
				0110			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	22		NEC	GL18	5-157-31			ND SHIM - 0.0		A-STAND, 25" T.W.
	23				5-157-31 1-157-05	OUTBO	ARD STAN		31" GL185 A	-
	23		AS NEC	GL17 GL17	1-157-05 1-157-10	OUTBO OUTBO OUTBO	ARD STAN ARD STAN ARD STAN	ND SHIM - 0.0 ND SHIM - 0.0	931" GL185 A 05" GL171 A 10" GL171 A	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W.
			AS NEC	GL17 GL17 GL17	1-157-05 1-157-10 1-157-31	OUTBO OUTBO OUTBO OUTBO	ARD STAN ARD STAN ARD STAN ARD STAN	ND SHIM - 0.0 ND SHIM - 0.0	931" GL185 A 05" GL171 A 10" GL171 A	A-STAND, 25" T.W. A-STAND, 20" T.W.
	23 24 25		AS	GL17 GL17 GL17 GL10	1-157-05 1-157-10	OUTBO OUTBO OUTBO OUTBO FELT DU	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0	931" GL185 A 05" GL171 A 10" GL171 A	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W.
	24 25		AS NEC 1	GL17 GL17 GL17 GL10 1 - 8 U	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5"	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL THEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 /	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W.
	24 25 26		AS NEC 1 2 8 4	GL17 GL17 GL17 GL10 1-80 1-80	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4"	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL THEAD CA THEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
	24 25 26 27		AS NEC 1 2 8 4 4	GL17 GL17 GL17 GL10 1-80 1-80	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4"	OUTBO OUTBO OUTBO OUTBO FELT DL SOCKET SOCKET SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND
	24 25 26		AS NEC 1 2 8 4	GL17 GL17 GL17 GL10 1-80 1-80 1-80 1-80	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4"	OUTBO OUTBO OUTBO OUTBO FELT DL SOCKET SOCKET SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
30	24 25 26 27 28		AS NEC 1 2 8 4 4 2	GL17 GL17 GL17 GL10 1-80 1-80 1-80 1-80 1-80	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4" INC x 3.5" JNC NUT	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20 NP SCREW, 20	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39	24 25 26 27 28 29 30 31		AS NEC 1 2 8 4 4 2 12 8 1	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4" INC x 3.5" JNC NUT VASHER WASHER JNC x 0.625	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY HALF D	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEX NUT ASHER LOCK WA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39	24 25 26 27 28 29 30 31 31 32		AS NEC 1 2 8 4 4 2 12 8 1 2 8 1 6	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4" INC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 4	OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY HEAVY FLAT HI	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC EAD CAP S	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39)	24 25 26 27 28 29 30 31		AS NEC 1 2 8 4 4 2 12 8 1	GL17 GL17 GL17 GL10 1 - 8 U 1	1-157-05 1-157-10 1-157-31 00-165-1 INC x 5.5" UNC x 4" INC x 3.5" JNC NUT VASHER WASHER JNC x 0.625	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY HALF D FLAT HI SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEX NUT SHER LOCK WA OG SET SC AD CAP S	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREWS	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39) (L	24 25 26 27 28 29 30 31 31 32 33		AS NEC 1 2 8 4 4 2 12 8 1 2 8 1 6 6	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3 / 8 - 16 3 / 8 - 16	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" UNC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY FLAT HI SOCKET SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39) (L (L	24 25 26 27 28 29 30 31 31 32 33 33 34 35 36		AS NEC 1 2 8 4 4 2 12 8 1 2 8 1 6 6 3 4 6	GL17 GL17 GL17 GL10 1 - 8 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.25 UNC x 0.625 WASHER	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY FLAT HI SOCKET SOCKET SOCKET SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHEAD CA SHEAD CA CA HEAD CA SHEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW	931" GL185 A 05" GL171 A 10" GL171 A 31" GL171 A 31" GL171 A " T.W., BAS " T.W., GL 1	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39) (L (L	24 25 26 27 28 29 30 31 31 32 33 34 35 36 37		AS NEC 1 2 8 4 4 2 12 8 1 2 12 8 1 6 6 3 4 6 1	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3 /8 - 10 U 3 /8 - 16 U 3 /8 - 16 U 3 /8 - 16 U 0 .375 ECN 11 I	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY HALF D FLAT HI SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET	ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEX NUT ASHER LOCK WA OG SET SC AD CAP S HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW	931" GL185 A 05" GL171 A 10" GL171 A 31" GL171 A 31" GL171 A " T.W., BAS " T.W., GL 1	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39) (L (L	24 25 26 27 28 29 30 31 32 33 33 33 34 35 36 37 38		AS NEC 1 2 8 4 4 2 12 8 4 2 12 8 1 6 6 3 4 6 1 4 4	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3 /8 - 16 3 /8 - 16 U 3 /8 - 16 U	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4"	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA HEAD CA HEAD CA HEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW	931" GL185 A 05" GL171 A 10" GL171 A 31" GL171 A 31" GL171 A " T.W., BAS " T.W., GL 1	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
	24 25 26 27 28 29 30 31 31 32 33 34 35 36 37		AS NEC 1 2 8 4 4 2 12 8 1 2 12 8 1 6 6 3 4 6 1	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 3/8 - 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA A HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHEAD CA CA HEAD CA SHEAD CA SHEAD CA CA HEAD CA SHEAD CA SHEAD CA CA HEAD CA SHEAD CA	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW	931" GL185 A 05" GL171 A 10" GL171 A 31" GL171 A 31" GL171 A " T.W., BAS " T.W., GL 1	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE & A-STAND
39) (L (L)	24 25 26 27 28 29 30 31 31 32 33 33 34 35 36 37 38 39		AS NEC 1 2 8 4 4 2 12 8 1 2 12 8 1 6 6 3 4 6 1 4 6 1 4 4 4	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 U	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC EAD CAP S HEAD CA G SET SC EAD CAP S HEAD CA HEAD CA OLT REW LOCC HEIDENHA HEAD CA SCREW	ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 ND SHIM - 0.0 NP SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW	931" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS " T.W., GL 1 " T.W., GL 1	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE ONLY 171 A-STAND
	24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40		AS NEC 1 2 8 4 4 2 12 8 1 2 8 1 6 6 3 4 6 3 4 6 1 4 6 1 4 4 4 4 1	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 U 1 - 8 U 1 -	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER x 0.3125	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA STAD CAP S HEAD CA STAD CAP S HEAD CA STAD CAP S HEAD CA STAG - PM	ND SHIM - 0.0 ND SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW	931" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / " T.W., BAS " T.W., GL 1 " T.W., GL 1	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. SE & A-STAND SE ONLY 171 A-STAND
(L (L) (N)	24 25 26 27 28 29 30 31 32 33 33 34 35 36 37 38 39 40 41		AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 1 4 6 1 4 4 4 4 1 1 L/WINC	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 2 - 16 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 5281 5 55 5 5 5 5 5 5 5 5 5 5 5 5 5	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           SOCKET           SOCKET<	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SO AD CAP S HEAD CA HEAD CA GED CAP S HEAD CA CAT CAP HEAD CA CAT CAP CAT CAP CAP CAT CAP CAT CAP CAT CAP CAT CAP CAT CAP CAP CAT CAP CAP CAP CAP CAP CAP CAP CAP CAP CAP	ND SHIM - 0.0 ND SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW SCREW SCREW SCREW SCREW	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / 31" GL171 / " T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL 1 S MACHINE CAR SPEED	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND 
	24 25 26 27 28 29 30 31 32 33 33 34 35 36 37 38 39 40 41		AS NEC 1 2 8 4 4 2 12 8 1 2 12 8 1 6 3 4 6 3 4 6 3 4 6 1 1 4 4 4 4 1 1 MACHI	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 2 - 16 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 2 x 1/4" K WASHER 3 52810051 2 x 1/4" K WASHER 3 52810051 2 x 1/4" K WASHER 3 52810051 2 x 1/4" K WASHER 3 5281051 2 x 1/4" K WASHER 3 5281051 2 x 1/4" K WASHER 3 5281051 3 528151 3 528151 3 528151	OUTBO OUTBO OUTBO OUTBO FELT DU SOCKET SOCKET SOCKET SOCKET SOCKET HEAVY SAE WA HEAVY HEAVY HEAVY SAE WA HEAVY SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET SOCKET MOTOF 00	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA STAD CAP S HEAD CA STAD CAP S HEAD CA STAD CAP S HEAD CA STAG - PM	ND SHIM - 0.0 ND SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW K WASHER NP SCREW K WASHER NP SCREW	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / 31" GL171 / " T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL 1 S MACHINE CAR SPEED	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND 
L L MACHINE # GL185-35L	24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41 WINDING P/ GL185-170-3	/N COI EFF	AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 1 KACHI L/WINC	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 2 - 16 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 5281000000000000000000000000000000	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC EAD CAP S HEAD CA G SET SC EAD CAP S HEAD CA G SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SET SC EAD CAP S HEAD CA SET SC CAD CAP S HEAD CA SET SC CAD CAP S HEAD CA SET SC CAD CAP S HEAD CA SET SC CAD CAP S HEAD CA STAG - PN MACHINE SPEED (RPM) 53.5	ND SHIM - 0.0 ND SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW SCREWS NP SCREW, 20 SHER SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NAC GEARLES CAR SPEED 25" TW(fpm) 350	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / 31" GL171 / " T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL 1 " T.W., GL 1 S MACHINE CAR SPEED 20" TW(fpm 280	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND 
L L MACHINE # GL185-35L GL185-35H	24 25 26 27 28 29 30 31 32 33 33 34 35 36 37 38 39 40 40 41 41 WINDING P/ GL185-170-3 GL185-360-3	/N COI EFF	AS NEC 1 2 8 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 4 4 4 1 4 4 1 1 KACHI L/WINC ICIENCY 90 90	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 2 - 16 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER JNC x 0.625 6 UNC x 1.25 JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 52810000000000000000000000000	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           FLAT HI           SOCKET           SOCKE	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA HEAD CA GET SC AD CAP S HEAD CA STAG - PN MACHINE SPEED (RPM) 53.5 53.5	ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 SHER SHER CREW SCREW, 20 SHER CREW SC	31" GL185 A 05" GL171 A 10" GL171 A 31" GL171 A 31" GL171 A " T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL 1 " T.W., GL 1 S MACHINE CAR SPEED 20" TW(fpm 280 280	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND 
L L N MACHINE # GL185-35L GL185-35H GL185-50L	24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41 WINDING P/ GL185-170-3	/N COI 550 550 550	AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 1 KACHI L/WINC	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 2 - 16 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 5281000000000000000000000000000000	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC EAD CAP S HEAD CA G SET SC EAD CAP S HEAD CA G SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SET SC EAD CAP S HEAD CA SET SC CAD CAP S HEAD CA SET SC CAD CAP S HEAD CA SET SC CAD CAP S HEAD CA SET SC CAD CAP S HEAD CA STAG - PN MACHINE SPEED (RPM) 53.5	ND SHIM - 0.0 ND SCREW, 25 NP SCREW, 20 NP SCREW, 20 SHER SHER CREW SCREWS NP SCREW, 20 SHER SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NAC GEARLES CAR SPEED 25" TW(fpm) 350	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / 31" GL171 / " T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL 1 " T.W., GL 1 S MACHINE CAR SPEED 20" TW(fpm 280	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND 
L L N MACHINE # GL185-35L GL185-35H GL185-50L GL185-50H	24 25 26 27 28 29 30 30 31 32 33 34 35 36 37 38 39 40 40 41 41 WINDING P/ GL185-170-3 GL185-360-3 GL185-170-5	/N COI EFF	AS NEC 1 2 8 4 4 2 12 8 1 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 4 1 1 KACHI L/WINC ICIENCY 90 90 90	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 1 - 8 U 2 - 16 U 1 - 8 U 2 - 16 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 5281000000000000000000000000000000000000	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC EAD CAP S HEAD CA SHER LOCK WA OG SET SC EAD CAP S HEAD CA SE G SET SC EAD CAP S HEAD CA SE G SET SC EAD CAP S HEAD CA SE SE SA S S S S S S S S S S S S S S S S S S	ND SHIM - 0.0 ND SCREW SCREW, 20 NP SCREW, 20 NP SCREW, 20 SHER SHER SHER SCREWS NP SCREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW S	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / 31" GL171 / " T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL 1 " T.W., GL 1 " CAR SPEED 20" TW(fpm 280 280 400	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND E E E E E E E E E E E E E
L L N MACHINE # GL185-35L GL185-35H GL185-50L GL185-50H GL185-70L	24 25 26 27 28 29 30 31 31 32 33 33 34 35 36 37 38 39 40 41 37 38 39 40 41 41 WINDING P/ GL185-170-3 GL185-360-3 GL185-360-5 GL185-170-7		AS NEC 1 2 8 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 4 1 4 4 4 1 1 1 1 4 4 4 1 1 1 2 8 1 1 6 6 1 1 4 90 90 90 90 90 90	GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 3/8 - 16 0.375 ECN 113 #8-3 #8 LOC #6 U P NE WINDIN NE WINDIN NE WINDIN NE SI ONG FRAM (%) SI	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.25 UNC x 1.25 UNC x 1.25 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 52810061 2 x 1/4" K WASHER 3 52810061 3 528100061 3 52810000000000000000000000000000000	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC AD CAP S HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHER CAT CA SET SC AD CAP S SAD CAP S SAD CAP S SAD CAP S AD CAP S SAD CAP S SAD CAP S SAD CAP S SAD CAP S SAD CAP S S AD CAP S S S S S S S S S S S S S S S S S S S	ND SHIM - 0.0 ND SCREW SCREW, 20 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW SCR	31" GL185 / 05" GL171 / 10" GL171 / 31" GL171 / 31" GL171 / 31" T.W., BAS " T.W., BAS " T.W., GL 1 " T.W., GL	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND
L L N MACHINE # GL185-35L GL185-35L GL185-35H GL185-50L GL185-50H GL185-70L PARTS LTL X#1260 1/7/2	24 25 26 27 28 29 30 30 31 32 33 34 35 36 37 38 39 40 40 41 37 38 39 40 41 41 WINDING P/ GL185-170-3 GL185-360-3 GL185-360-5 GL185-170-7	/N COI 550 550 550 550 550 550 550 550 550 55	AS NEC 1 2 8 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 4 4 4 1 1 1 5 1 5 6 90 90 90 90 90 90 90	GL17 GL17 GL17 GL10 1 - 8 U 1 - 9 U 1	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.25 UNC x 1.25 UNC x 1.25 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 52810061 2 x 1/4" K WASHER 3 52810061 3 528100061 3 52810000000000000000000000000000000	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC AD CAP S HEAD CA G SET SC AD CAP S HEAD CA OLT REW LOCC HEAD CA G SET SC AD CAP S HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHER CAT CA SET ST CAT CA STAG - PN MACHINE SPEED (RPM) 53.5 53.5 76.4 76.4 107.0	ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NAC GEARLES CAR SPEED 25" TW(fpm) 350 350 500 500 500 500 500	Bal" GL185 / D5" GL171 / D0" GL171 / Bal"	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND
L L N MACHINE # GL185-35L GL185-35L GL185-35H GL185-50L GL185-50L GL185-70L ZARTS LTL Ӭ 1/7/2 TYPO LTL #1238 11/2	24         25         26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         WINDING P/         GL185-170-3         GL185-360-3         GL185-360-3         GL185-170-7         GL185-170-7         0       L         30         1/19       W	/N COI 550 550 550 550 550 550 550 550 550 55	AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 4 4 4 4 1 1 1 1 2 8 1 1 6 3 4 6 1 1 4 4 4 1 1 2 8 1 1 2 8 1 1 6 6 90 90 90 90 90 90 90 90 90 90 90 90 90	GL17 GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 U 0.375 ECN 112 3/8 - 16 U 0.375 ECN 12 3/8 - 12 3	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 50 3 70 5 70	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC AD CAP S HEAD CA G SET SC AD CAP S HEAD CA OLT REW LOCC HEAD CA G SET SC AD CAP S HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHER LOCK WA OG SET SC AD CAP S HEAD CA SHER CAT CA SET ST CAT CA STAG - PN MACHINE SPEED (RPM) 53.5 53.5 76.4 76.4 107.0	ND SHIM - 0.0 ND SCREW SCREW, 20 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW SCREW SCREW SCREW NAC GEARLES CAR SPEED 25" TW(fpm) 350 350 350 500 500 500 700	Bal" GL185 / D5" GL171 / D0" GL171 / Bal"	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND
L L N MACHINE # GL185-35L GL185-35L GL185-35H GL185-50L GL185-50L GL185-50L GL185-70L SPARTS LTL #1260 1/7/2 TYPO LTL #1238 11/2 DPTION, LTL	24         25         26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         WINDING P/         GL185-170-3         GL185-360-3         GL185-360-3         GL185-170-7         0       L         30       L         30       S         119       W	/N COI EFF 350 550 550 550 550 550 550 550 550 550	AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 1 6 3 4 6 1 4 4 4 4 4 4 4 4 1 1 KACHI 1 L/WIND ICIENCY 90 90 90 90 90 90 90 90 90 90 90 90 90	GL17 GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 U 0.375 ECN 112 3/8 - 16 U 0.375 ECN 12 3/8 - 12 3	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 50 3 70 5 70	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC AD CAP S HEAD CA G SET SC G AD CAP S HEAD CA G SET SC G CREW TAG - PN HEAD CA G SET SC G CREW TAG - PN HEAD CA G SET SC G CREW TAG - PN HEAD CA G CREW TAG - PN HEAD CA CA CA CA CA CA CA CA CA CA CA CA CA C	ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW NAC GEARLES CAR SPEED 25" TW(fpm) 350 350 500 500 500 500 500	31" GL185 / 05" GL171 / 10" GL171 / 31" GL	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND
MACHINE # GL185-35L GL185-35H GL185-35H GL185-50L GL185-50H GL185-70L PARTS LTL #1260 1/7/2 TYPO LTL #1238 11/2 DPTION, LTL 10/23 A REPRESENTATION OD	24         25         26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         WINDING P/         GL185-170-3         GL185-360-3         GL185-360-5         GL185-170-7         0       L         30         119         W         30	/N COI 550 550 550 550 550 550 550 550 550 55	AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 4 4 4 1 1 1 5 1 6 90 90 90 90 90 90 90 90 90 90 90 90 90	GL17 GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 U 0	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER WASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 52810061 3 7 K WASHER 3 7	OUTBO         OUTBO         OUTBO         OUTBO         OUTBO         FELT DU         SOCKET         SOCKET <td>ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC AD CAP S HEAD CA G SET SC G AD CAP S HEAD CA G SET SC G CREW TAG - PN HEAD CA G SET SC G CREW TAG - PN HEAD CA G SET SC G CREW TAG - PN HEAD CA G CREW TAG - PN HEAD CA CA CA CA CA CA CA CA CA CA CA CA CA C</td> <td>ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 SHER SHER SHER SCREWS NP SCREW, 20 SHER SHER SHER SHER SHER SHER SHER SHER</td> <td>31" GL185 / 05" GL171 / 10" GL171 / 31" GL</td> <td>A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E &amp; A-STAND E ONLY 171 A-STAND T1 A-STAND</td>	ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA G SET SC AD CAP S HEAD CA G SET SC G AD CAP S HEAD CA G SET SC G CREW TAG - PN HEAD CA G SET SC G CREW TAG - PN HEAD CA G SET SC G CREW TAG - PN HEAD CA G CREW TAG - PN HEAD CA CA CA CA CA CA CA CA CA CA CA CA CA C	ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 SHER SHER SHER SCREWS NP SCREW, 20 SHER SHER SHER SHER SHER SHER SHER SHER	31" GL185 / 05" GL171 / 10" GL171 / 31" GL	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND T1 A-STAND
AREPRESENTATION, CLUC (MANUFACTURE) AREPRESENTATION, LTL 10/23 AREPRESENTATION, CLUC AREPRESENTATION, CLUC AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION AREPRESENTATION	24         25         26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         WINDING P/         GL185-170-3         GL185-360-3         GL185-170-5         GL185-170-7         0       L         30         119         W         37	/N       COI         /N       COI         550	AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 4 4 4 1 1 1 5 1 6 90 90 90 90 90 90 90 90 90 90 90 90 90	GL17 GL17 GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 3/8 - 16 U 3/8 - 16 U 0.375 ECN 111 4/0 U 4/0 U 1/1 U	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER VASHER JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 528100 1 85 1 85	OUTBO           OUTBO           OUTBO           OUTBO           OUTBO           FELT DU           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           SOCKET           FLAT HI           SOCKET           MOTOF           OU           VOLTAGE           (Vac)           170           360           170	ARD STAN ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA A HEAD CA SHER LOCK WA OG SET SO AD CAP S HEAD CA OLT REW LOCK HEAD CA OLT HEAD CA OLT REW LOCK AD CAP S HEAD CA CA OLT HEAD CA S AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA A CA AD CAP S HEAD CA CA A CA AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA CA CA CA CA CA CA CA CA CA CA CA C	ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 SHER SHER SHER SCREWS NP SCREW, 20 SHER SHER SHER SHER SHER SHER SHER SHER	31" GL185 / 05" GL171 / 10" GL171 / 31" GL	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E ONLY 171 A-STAND T1 A-STAND T1 A-STAND T1 A-STAND T1 A-STAND T1 A-STAND
ARTS LTL GL185-35L GL185-35L GL185-35H GL185-50L GL185-50L GL185-70L CARTS LTL #1260 1/7/2 TYPO LTL #1238 11/2 OPTION, LTL 10/23 AREPRESENTATION OF LIC ("MANUFACTUR AND COUR DURATION OF LIC ("MANUFACTURE AND COURD DU	24         25         26         27         28         29         30         31         32         33         34         35         36         37         38         39         40         41         WINDING P/         GL185-170-3         GL185-360-3         GL185-170-5         GL185-170-7         0       L         0       L         0       L         0       L         0       L         0       L         0       L         0       L         0       L         0       L         0       S         1/19       W         0       L         0       L         0       S         1/19       W         0       L		AS NEC 1 2 8 4 4 2 12 8 1 6 6 3 4 6 3 4 6 3 4 6 3 4 6 3 4 6 1 4 4 4 4 4 1 4 4 4 1 1 1 5 1 6 90 90 90 90 90 90 90 90 90 90 90 90 90	GL17 GL17 GL17 GL17 GL17 GL10 1 - 8 U 1 - 8 U 3/8 - 16 3/8 - 16 U 3/8 - 16 U 0.375 ECN 111 4/0 U 4/0 U 1/1 U	1-157-05 1-157-10 1-157-31 0-165-1 NC x 5.5" UNC x 4" NC x 3.5" JNC NUT VASHER JNC x 0.625 6 UNC x 1.5 UNC x 1.25 JNC x 0.625 6 UNC x 1.25 JNC x 0.625 WASHER 3 52810061 2 x 1/4" K WASHER 3 528100 1 85 1	OUTBO         OUTBO         OUTBO         OUTBO         FELT DU         SOCKET         SOCKET <td>ARD STAN ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA A HEAD CA SHER LOCK WA OG SET SO AD CAP S HEAD CA OLT REW LOCK HEAD CA OLT HEAD CA OLT REW LOCK AD CAP S HEAD CA CA OLT HEAD CA S AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA A CA AD CAP S HEAD CA CA A CA AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA CA CA CA CA CA CA CA CA CA CA CA C</td> <td>ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW, 20 SHER CREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW K WASHER NAC GEARLESS CAR SPEED 25" TW(fpm) 350 350 350 350 350 350 350 350 350 350</td> <td>31" GL185 / 05" GL171 / 10" GL171 / 31" GL</td> <td>A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E &amp; A-STAND E &amp; A-STAND E ONLY 171 A-STAND T1 A-STAND T1 A-STAND T1 A-STAND</td>	ARD STAN ARD STAN ARD STAN ARD STAN ARD STAN JST SEAL HEAD CA HEAD CA HEAD CA HEAD CA HEAD CA A HEAD CA SHER LOCK WA OG SET SO AD CAP S HEAD CA OLT REW LOCK HEAD CA OLT HEAD CA OLT REW LOCK AD CAP S HEAD CA CA OLT HEAD CA S AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA A CA AD CAP S HEAD CA CA A CA AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA CA AD CAP S HEAD CA CA CA CA CA CA CA CA CA CA CA CA CA C	ND SHIM - 0.0 ND SCREW SP SCREW, 20 NP SCREW, 20 SHER CREW SCREWS NP SCREW, 20 SHER CREWS NP SCREW NP SCREW NP SCREW NP SCREW NP SCREW K WASHER NAC GEARLESS CAR SPEED 25" TW(fpm) 350 350 350 350 350 350 350 350 350 350	31" GL185 / 05" GL171 / 10" GL171 / 31" GL	A-STAND, 25" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. A-STAND, 20" T.W. E & A-STAND E & A-STAND E ONLY 171 A-STAND T1 A-STAND T1 A-STAND T1 A-STAND



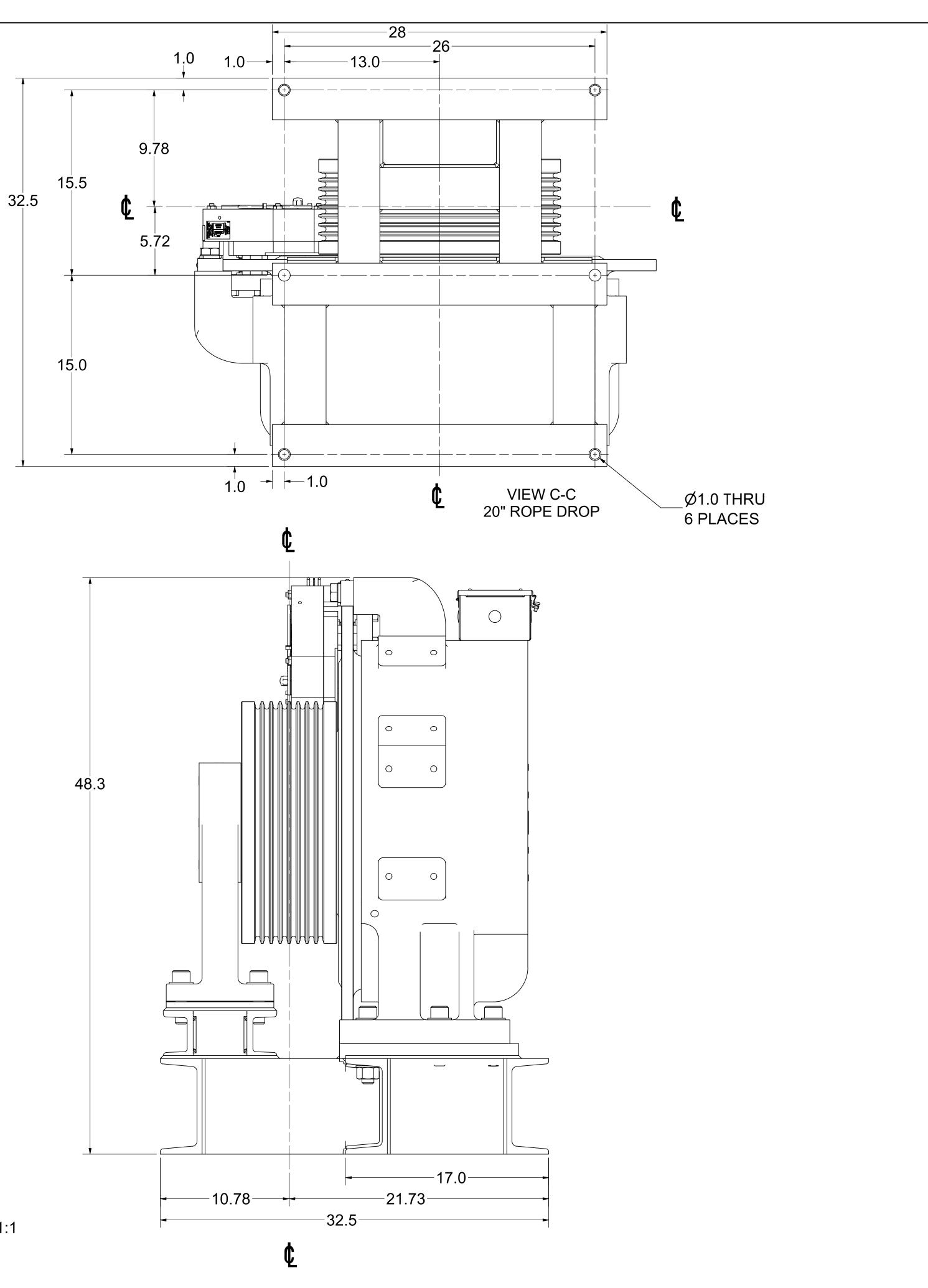


MACHINE W/25" TW 3500 LBS 50% CB MAX CAPACITY 1:1 WEIGHT: 4266 lbmass SEE PAGE 1 FOR REVISIONS

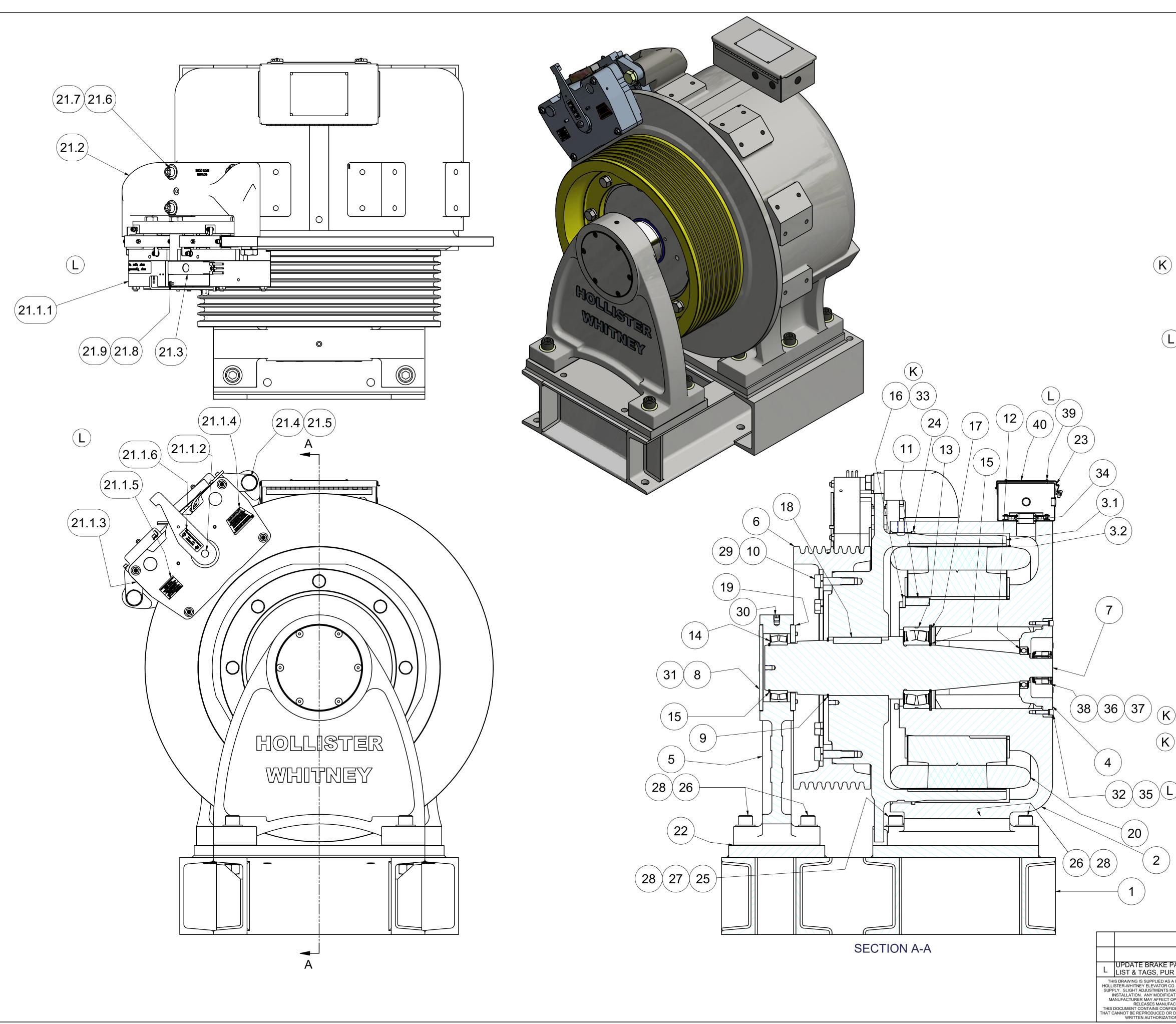




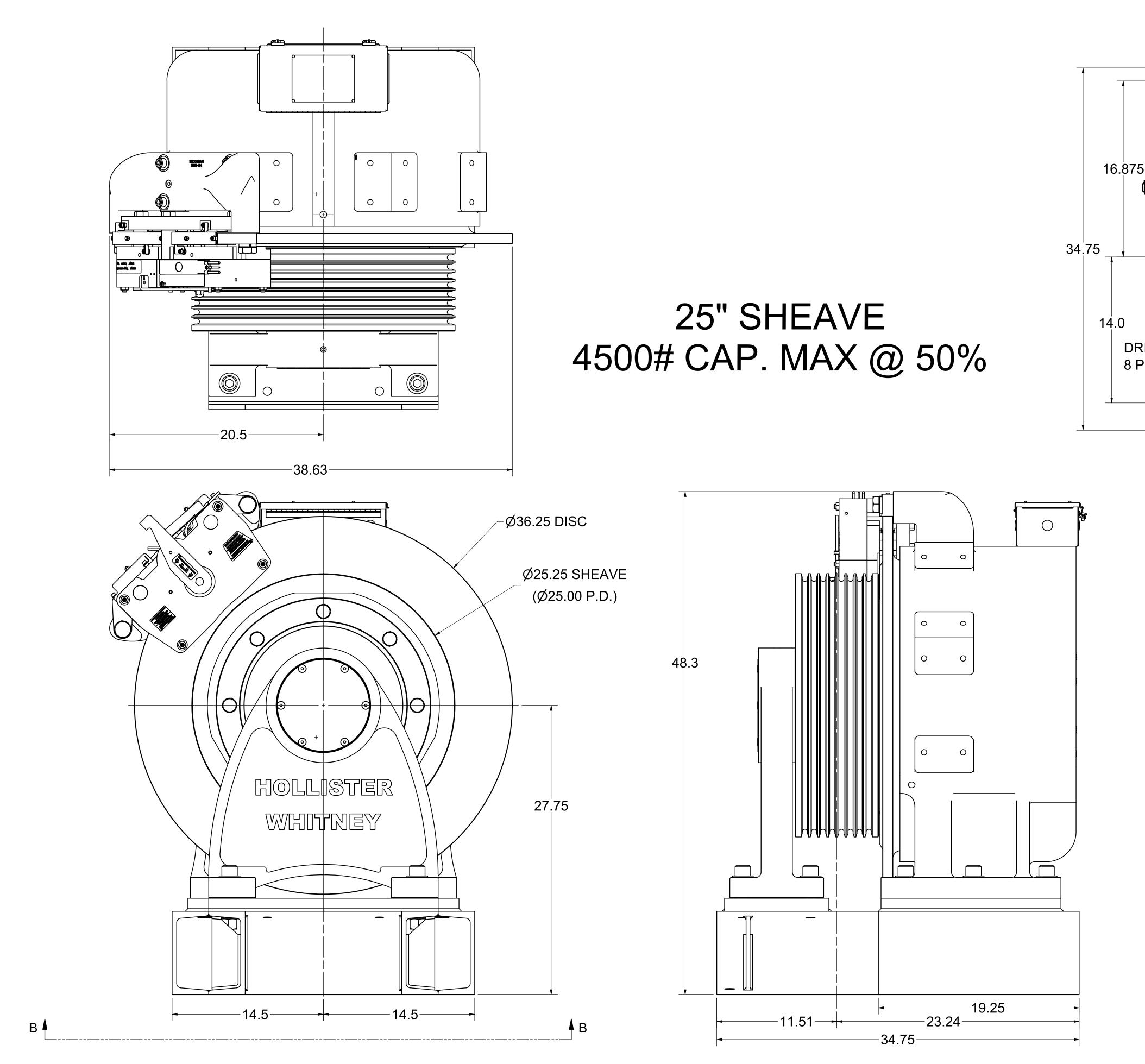
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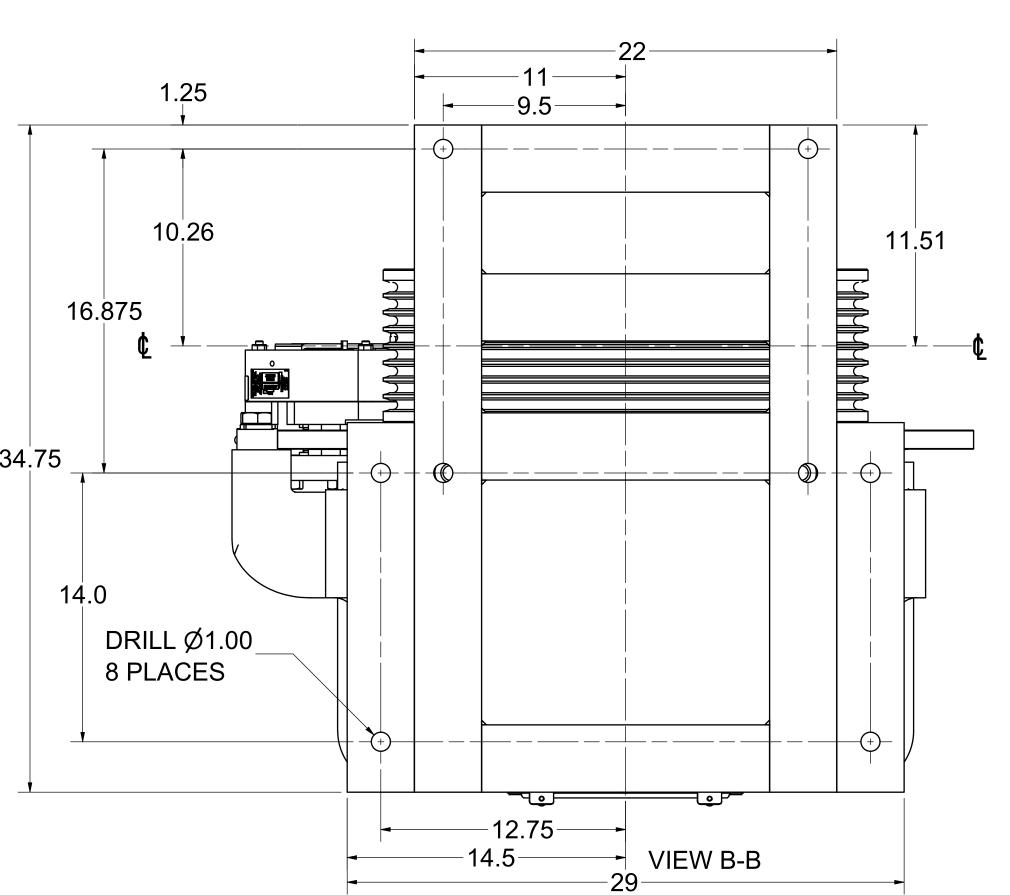


MACHINE W/20" TW 4375 LBS 50% CB MAX CAPACITY 1:1 WEIGHT: 3872 lbmass SEE PAGE 1 FOR REVISIONS



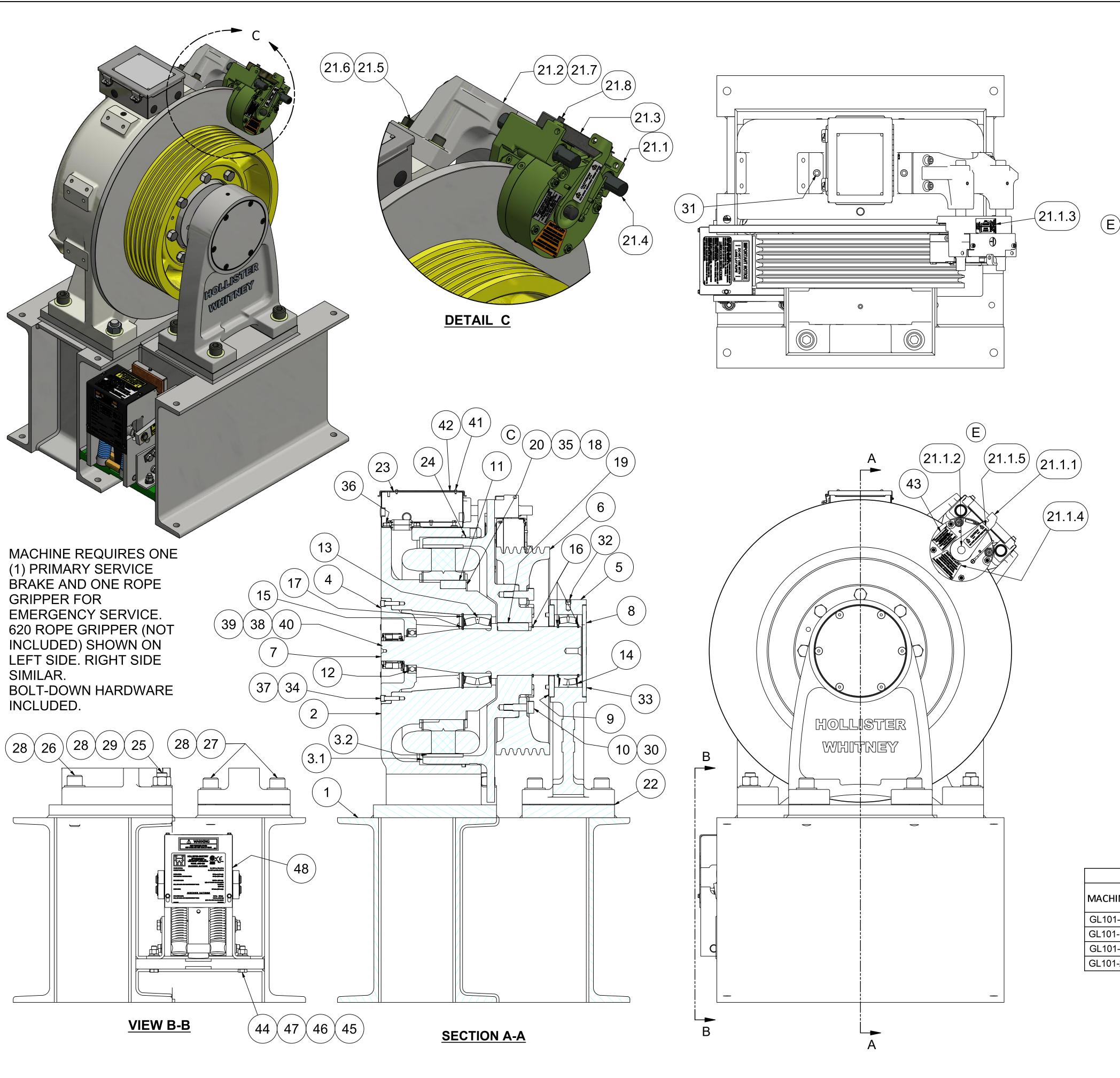
	ITEM	QTY	PART NU			RIPTION				
	<u>1</u> 2	1	GL260B	_		HING BASE, O				
	2	1	GL260- GL260-		1	HOUSING, M				
	3.1	1	GL200- GL260-		ROTC					
	3.2	80	GL260-			ANENT MAG	GNET - #	GL260 & G	130A MOT	ORS
	4	1	GL260-	005	BEAR	ING CAP				
	5	1	GL185-	006	OUTE	BOARD STAN	D, AC GI	EARLESS		
	6	1	GL185-	008	SHEA	VE, 25"				
	7	1	GL260-			I SHAFT				
	8	1	GL185-		END					
	9	1	GL185-			INING RING -	ROTOR			
	10 11	8	GL185- GL100-			' BOLT STATOR COR		CE		
	12	1	GL100- GL185-			ING, SEALED				
	13	1	GL130-			ED SPHERICA				3, (22
	14	1	GL185-	090	BEAR	ING, SEALED	SPHERI	CAL ROLLE	२	
	15	2	GL130-	092	RETA	INING RING -	SHAFT			
	16	1	GL130-	093	RETA	INING RING -	HOUSI	NG		
)	17	3	GL100-0			1P - STATOR /				
	18	1	GL185-			MAIN SHAFT	TO RO	FOR		
	19	1	GL185-		CAP					
	20 21	1	GL260- GL185-			DING ASSEME BRAKE (MAY				
	21	1	GL185- GL185-147			R #10.1 BRAK			STICKERS	
L) <sup>L</sup>	21.1		GL185-14			R #10.1 BRAK				206
	21.1.2		142-0			K VINYL CAP		,		
	21.1.3	<u> </u>	P-17		TAG,	GEARLESS M	ACHINE	BRAKE AIR	GAP DATA	
	21.1.4		P-19	0	ROTC	R INSPECTIC	)N & BR	AKE BURNI	SHING STIC	CKER
	21.1.5		P-21			GL130A, GL1				
F	21.1.6		P-22			ION LABEL -	DO NOT	ADJUST TH	IS NUT	
-	21.2	1	147-0			E BASE	0 4 FI			
_	21.3 21.4	1 2	147-0			R - MAYR #1		IRICAL		
-	21.4	2	1 - 8 UNC 1" WAS			HEAD CAP SC		2		
_	21.5	4	5/8 - 11 UN			ET HEAD CAF				
_	21.7	4	5/8 WAS			DARD WASH				
_	21.8	1	M4 x 0.7 x			- METRIC				
	21.9	1	#8 WAS	HER	STAN	DARD WASH	ER			
	21.10	AS	143-0	26	BRAK	E HOUSING S	5HIM - 0	.03" (NOT 9	SHOWN)	
	21.10	NEC	143-0			E HOUSING S		•	SHOWN)	
	22	AS	GL185-15			BOARD STAN				
	22	NEC	GL185-19			BOARD STAN				
	23	1	GL185-15 GL185-			BOARD STAN			A1206/CH	
	23	1	GL100-1			DUST SEAL			AIZUUHUII	
	25	2	1 - 8 UNC			ET HEAD CAF	SCREW	/		
	26	8	1 - 8 UN(			ET HEAD CAF				
	27	2	1 - 8 UNC	NUT	HEAV	Y HEX NUT				
	28	12	1" WAS	HER	SAE V	VASHER				
	29	8	13/16 WA			Y LOCK WAS				
	30	1	-			DOG SET SCR				
	31	6	3/8-16 UN			HEAD CAP SO		,		
	32 33	6 3								
レー		3 4	3/8 - 16 UN 3/8-16 UN	•		ET HEAD CAF	JUREW	1		
	35	6	3/8 Lock W			DLLAR LOCK V	VASHFR			
	36	4				HEAD CAP SC				
	37	4	#8 LOCK W			TOOTH LOCK		R		
	38	1	ECN 113 52	810061	50mn	n HEIDENHAI	N ENCC	DER		
	39	4	#6 U x 0.			E SCREW				
	40	1	P-17	3		OR TAG - PM	AC GEAI	RLESS MAC	HINE	
					אוסאו	G FRAME/M		VOLTAGE	MACHINE	CAR SPEED
	MACHINE	#  WI	NDING P/N	EFFICIEN		-		(Vac)	SPEED	(fpm)
			000 470 555		•				(RPM)	
)	GL260-35		260-170-350			260		170	53.5	350
	GL260-35 GL260-50		260-360-350 260-170-500			260		360 170	53.5 53.5	350 500
	GL260-50		260-170-500	9		260		360	53.5	500
	GL260-70		260-300-300			260		170	53.5	700
		-			-		-			754.4 lbmass
	۲		GL100-094-1 WA 85-094, 3X 3/8 x		_ 28/19	HC	DLLIS	TER-W	<b>HITN</b>	EY
		SHC	S WAS 6X, 6X 3 6HER WAS 12X	3/8		ITLE	ELE	VATOR CO	D. LLC	
PARTS	LTL ) 1/7/20	#11		,	'		GEA	RLESS MA	CHINE	
S A REPRESE CO. LLC ("MA	ENTATION OF THE EQU	GREED TO	THIRD ANGL	E PROJEC		RAWN SCALE M			REFE	ERENCE TOL.
MAY OCCUP CATIONS NO F OPERATION	R DURING MANÚFACTU T APPROVED IN WRITIN I, VOIDS ANY WARRAN	RING AND NG BY	_			вү LTL 1/5	SEE M	ATERIAL LI		ENSIONS REFERENCE ESS OTHERWISE SPECIFIED
FACTURER C	OF ALL LIABILITY. ND PROPRIETARY INFO	ORMATION	I E	Э⊕		HEET SIZE	DATE			GL260
OR DIVULGED	), IN WHOLE OR IN PAR THE MANUFACTURER.	,			•	D	1 4474	18/2011		SHEET 1 OF 2





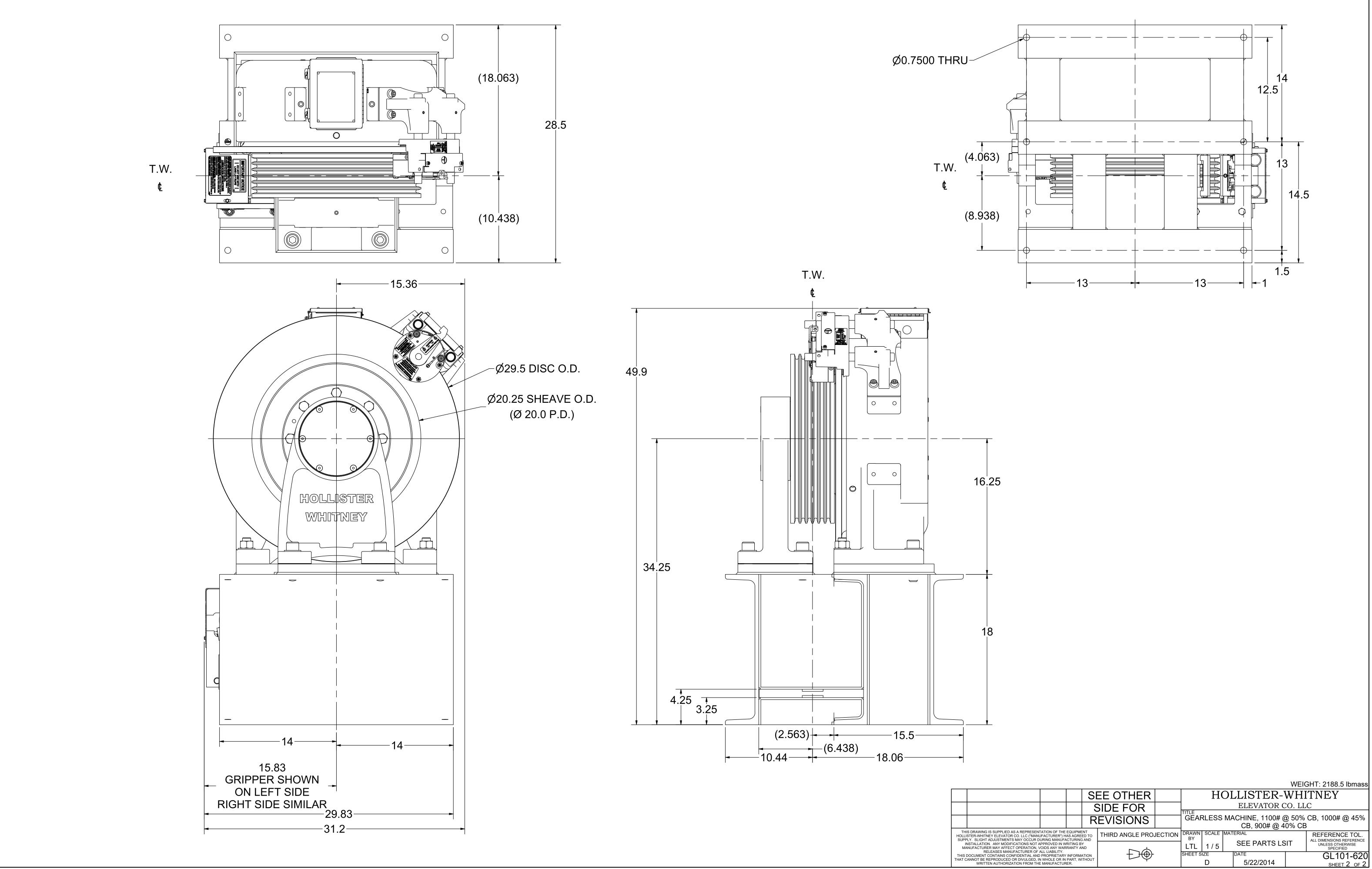
### SEE OTHER SIDE FOR REVISIONS

										WEI	GHT: 4754.4 lbmass
								HC	OLLISTER-	WH	TNEY
									ELEVATOR C	O. LL	С
							TITLE				_
									GEARLESS M	ACHIN	E
HOLL	IIS DRAWING IS SUPPLIED AS A REPRESENT ISTER-WHITNEY ELEVATOR CO. LLC ("MANU PLY. SLIGHT ADJUSTMENTS MAY OCCUR D	JFACTURER") H	AS AGREE	ED TO	THIRD ANGLE PROJ	ECTION	DRAWN BY	SCALE		10 <b>-</b>	REFERENCE TOL. ALL DIMENSIONS REFERENCE
	INSTALLATION. ANY MODIFICATIONS NOT A ANUFACTURER MAY AFFECT OPERATION, V RELEASES MANUFACTURER OF A	OIDS ANY WAR					LTL	1/5	SEE MATERIAL I	IST	UNLESS OTHERWISE SPECIFIED
	DOCUMENT CONTAINS CONFIDENTIAL AND CANNOT BE REPRODUCED OR DIVULGED, IN	PROPRIETARY					SHEET S	IZE	DATE		GL260
	WRITTEN AUTHORIZATION FROM THE				· · · · · · · · · · · · · · · · · · ·			D	11/18/2011		SHEET 2 OF 2

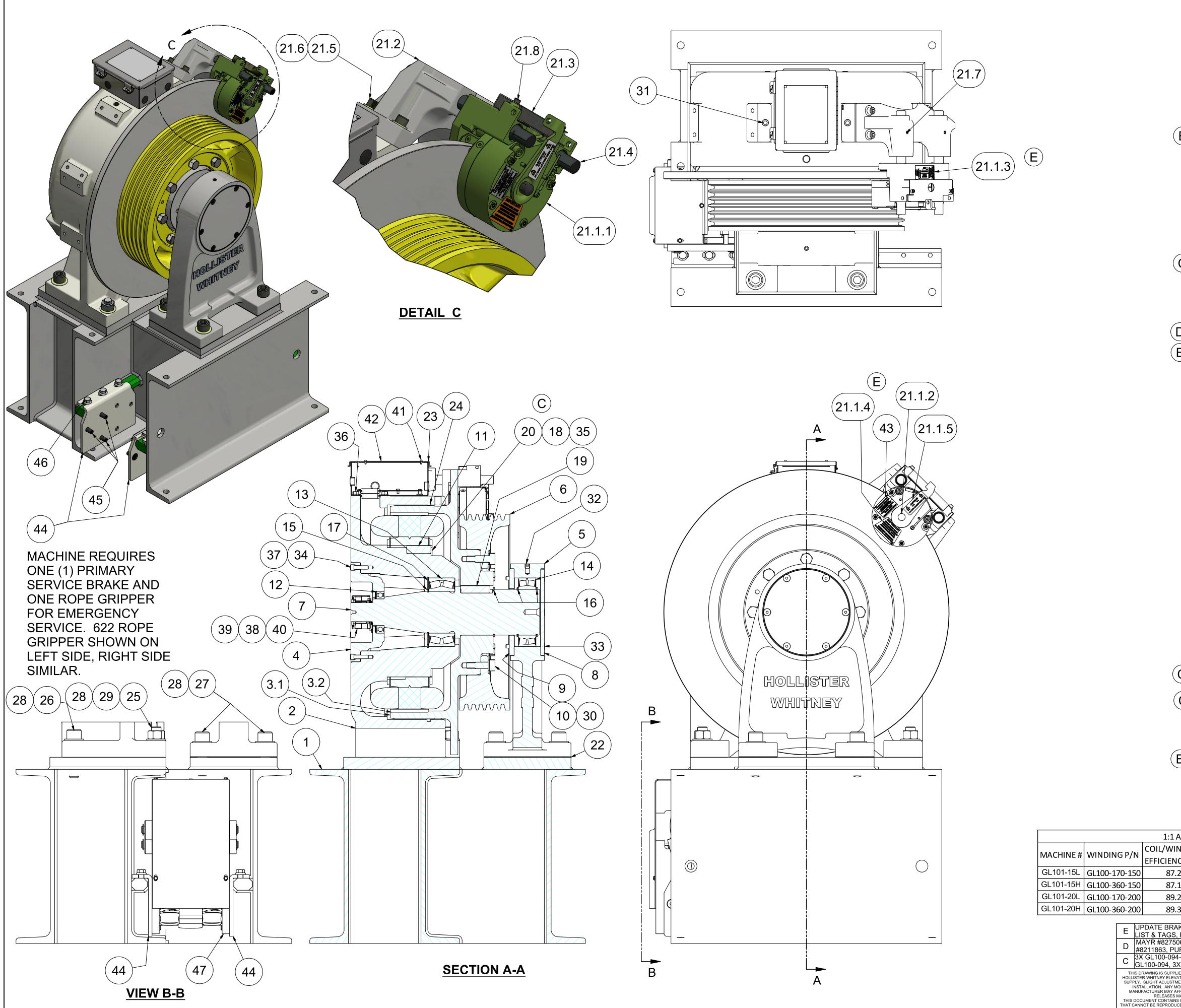


	[	ITEM	QTY	PART NUMBER	DESCRIPTION
		1	1	GL101B-620	BASE FABRICATION - FINISHED
	Ļ	2	1	GL100-001	BASE HOUSING, MOTOR #GL100
	L	3	1	GL101-002	ROTOR ASSEMBLY, MOTOR #GL100
		3.1	1 28	GL101-004 GL100-099	ROTOR PERMANENT MAGNET - MOTOR #GL100
	Г	4	 1	GL260-005	BEARING CAP
	-	5	1	GL200-005	OUTBOARD STAND, AC GEARLESS
	-	6	1	GL100-010	20" SHEAVE, 6 x 1/2" ROPE MAX
		7	1	GL100-010	MAIN SHAFT
	B	8	1	GL185-019	ENDCAP
		9	1	GL171-020	BEARING END CAP
		10	8	GL100-073	BODY BOLT
	Γ	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
(E)	Ļ	14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
	Ļ	15	1	GL100-092	RETAINING RING - SHAFT
	-	16	3	GL130-092	RETAINING RING - SHAFT
		17	1	GL100-093	RETAINING RING - HOUSING
	(C)	18	3	GL100-094-1	CLAMP - STATOR ASSEMBLY
	-	19	1	GL100-095	KEY - ROTOR TO SHAFT
	F	20	1	GL100-100	WINDING ASSEMBLY
	L	21 21.1	1	GL100-146	DISC BRAKE (MAYR #6) - MRL
		21.1	1	GL100-146-115 GL100-146-115	MAYR #6 RSD6 894 510 03 #8275067 (104/52 VDC)
	$(\mathbf{D})$	21.1.1		GL100-146-115 142-050	MAYR #6 RSD6/894.510.03S 52V #8275067 BLACK VINYL CAP
	(E)	21.1.2		P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA
		21.1.3		P-175	ROTOR INSPECTION & BRAKE BURNISHING STICKER
		21.1.4		P-190	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
			As	GL171-157-05	OUTBOARD STAND SHIM - 0.005"
		22	Nec.	GL171-157-10	OUTBOARD STAND SHIM - 0.010"
4)			1400.	GL171-157-31	OUTBOARD STAND SHIM - 0.031"
		23	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
	Ļ	24	1	GL100-165	FELT DUST SEAL
	Ļ	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 30	8	1" NUT	HEX NUT
		- JU /			
	-		8		HELICAL SPRING LOCK WASHER - BODY BOLT
	-	31	6	3/4 - 10 UNC x 0.75"	SET SCREW (HOLE PLUG)
	-	31 32	6 6	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5"	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG)
	-	31 32 33	6 6 6	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS
	$(\mathbf{\hat{C}})$	31 32 33 34	6 6 6 6	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREW
	C	31 32 33	6 6 6	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREW
		31 32 33 34 35	6 6 6 3	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREW
	C C	31 32 33 34 35 36	6 6 6 3 4	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625"	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLT
		31 32 33 34 35 36 37	6 6 6 3 4 6	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHER
		31 32 33 34 35 36 37 38	6 6 6 3 4 6 4	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4"	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREW
	Ċ	31 32 33 34 35 36 37 38 38 39	6 6 6 3 4 6 4 4 4	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCKWASHER
		31 32 33 34 35 36 37 38 39 40	6 6 6 3 4 6 4 4 4 4 1	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCKWASHER50mm HEIDENHAIN ENCODER
	Ċ	31         32         33         34         35         36         37         38         39         40         41	6 6 6 3 4 6 4 4 4 4 1	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCKWASHER50mm HEIDENHAIN ENCODERDRIVE SCREW
	Ċ	31         32         33         34         35         36         37         38         39         40         41         42         43         44	6 6 6 3 4 6 4 4 4 4 1	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCK WASHERSOMM HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6
	Ċ	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45	6 6 6 3 4 6 4 4 1 4 1 1 1	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8-16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCK WASHERSOMM HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6
	Ċ	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46	6 6 6 3 4 6 4 4 4 1 4 1 1 4 4 4 4 4	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCK WASHERSOmm HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6HEX HEAD CAP SCREWHEX NUTLOCK WASHER
	Ċ	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47	6 6 3 4 6 4 4 4 1 4 1 1 1 4 4 4	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER 1/2 WASHER	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCK WASHERSOmm HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6HEX HEAD CAP SCREWHEX NUTLOCK WASHERSTANDARD WASHER
	Ċ	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46	6 6 6 3 4 6 4 4 4 1 4 1 1 4 4 4 4 4	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCK WASHERSOmm HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6HEX HEAD CAP SCREWHEX NUTLOCK WASHER
	C E	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47	6 6 3 4 6 4 4 1 1 1 4 1 1 4 4 4 4 4 1	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER 1/2 WASHER 1/2 WASHER 620	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCK WASHERSOmm HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6HEX HEAD CAP SCREWHEX NUTLOCK WASHERSTANDARD WASHER
	E 1:1 APPLIC	31 32 33 34 35 36 37 38 39 40 41 41 42 43 43 44 45 43 44 45 46 47 48 ATIONS USING	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 5 2:1 \	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER 1/2 WASHER 1/2 WASHER 620 WINDINGS	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOmm HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY
MACHINF# WINDINGP/N	E 1:1 APPLIC COIL/WINDING	31 32 33 34 35 36 37 38 39 40 41 42 43 42 43 44 45 43 44 45 46 47 48 ATIONS USING FRAME/MAG	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 1 5 2:1 V	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER 1/2 WASHER	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOMM HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED
MACHINE # WINDING P/N	C C E 1:1 APPLIC COIL/WINDING EFFICIENCY (%)	31 32 33 34 35 36 37 38 39 40 41 42 43 40 41 42 43 44 45 43 44 45 46 47 48 47 48 ATIONS USING FRAME/MAG SIZE (mm	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 1 5 2:1 V	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER 1/2 WASHER	SET SCREW (HOLE PLUG)         SET SCREW (HOLE PLUG)         FLAT HEAD CAP SCREWS         SOCKET HEAD CAP SCREW         SOCKET HEAD CAP SCREW         WHIZ BOLT         CAP SCREW LOCK WASHER         SOCKET HEAD CAP SCREW         INT. TOOTH LOCK WASHER         SOmm HEIDENHAIN ENCODER         DRIVE SCREW         MOTOR TAG - PMAC GEARLESS MACHINE         TAG, GL101 - BRAKE RATINGS FOR MAYR #6         HEX HEAD CAP SCREW         HEX NUT         LOCK WASHER         STANDARD WASHER         NOT INCLUDED - SHOWN FOR CLARITY         INE         CAR SPEED         rpm)         20" (fpm)
MACHINE #         WINDING P/N           GL101-15L         GL100-170-150	C C E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2	31 32 33 34 35 36 37 38 39 40 41 42 43 40 41 42 43 44 45 43 44 45 46 47 48 46 47 48 ATIONS USING FRAME/MAG SIZE (mm 100	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 1 5 2:1 V	$\begin{array}{c c c c c c c } \hline 3/4 - 10 \ UNC \times 0.75" \\ \hline 1/2 - 13 \ UNC \times 0.5" \\ \hline 3/8 - 16 \ UNC \times 4 \\ \hline 3/8 - 16 \ UNC \times 1.5 \\ \hline 3/8 - 16 \ UNC \times 1.5 \\ \hline 3/8 - 16 \ UNC \times 1.5 \\ \hline 3/8 - 16 \ UNC \times 0.625" \\ \hline 0.375 \ WASHER \\ \hline 8-32 \times 1/4" \\ \hline #8 \ WASHER \\ \hline 8-32 \times 1/4" \\ \hline #8 \ WASHER \\ \hline 61 \times 0.3125 \\ \hline P - 173 \\ \hline P - 210 \\ \hline 1/2 - 13 \ UNC \times 2.25" \\ \hline 1/2 - 13 \ UNC \ X 2.25" \\ \hline 1/2 - 13 \ UNC \ NUT \\ \hline 1/2 \ WASHER \\ \hline 1/2 \ WAS$	SET SCREW (HOLE PLUG)         SET SCREW (HOLE PLUG)         FLAT HEAD CAP SCREWS         SOCKET HEAD CAP SCREW         WHIZ BOLT         CAP SCREW LOCK WASHER         SOCKET HEAD CAP SCREW         INT. TOOTH LOCK WASHER         SOMM HEIDENHAIN ENCODER         DRIVE SCREW         MOTOR TAG - PMAC GEARLESS MACHINE         TAG, GL101 - BRAKE RATINGS FOR MAYR #6         HEX NUT         LOCK WASHER         STANDARD WASHER         NOT INCLUDED - SHOWN FOR CLARITY         INE         CAR SPEED         rpm)         20" (fpm)         4
MACHINE #         WINDING P/N           GL101-15L         GL100-170-150           GL101-15H         GL100-360-150	C C E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1	31 32 33 34 35 36 37 38 39 40 41 42 43 40 41 42 43 44 45 43 44 45 46 47 48 ATIONS USING FRAME/MAG SIZE (mm 100 100	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 1 5 2:1 V	$\begin{array}{c c c c c c } \hline 3/4 - 10 \ UNC \times 0.75" \\ \hline 1/2 - 13 \ UNC \times 0.5" \\ \hline 3/8 - 16 \ UNC \times 4 \\ \hline 3/8 - 16 \ UNC \times 1.5 \\ \hline 3/8 - 16 \ UNC \times 1 \\ \hline 3/8 - 16 \ UNC \times 1 \\ \hline 3/8 - 16 \ UNC \times 0.625" \\ \hline 0.375 \ WASHER \\ \hline 3/8 - 16 \ UNC \times 0.625" \\ \hline 0.375 \ WASHER \\ \hline 48 - 32 \times 1/4" \\ \hline #8 - 32 \times 1/4" \\ \hline 1/2 \ H8 - 32 \times 1/4" $	SET SCREW (HOLE PLUG)         SET SCREW (HOLE PLUG)         FLAT HEAD CAP SCREWS         SOCKET HEAD CAP SCREW         SOCKET HEAD CAP SCREW         WHIZ BOLT         CAP SCREW LOCK WASHER         SOCKET HEAD CAP SCREW         INT. TOOTH LOCK WASHER         SOmm HEIDENHAIN ENCODER         DRIVE SCREW         MOTOR TAG - PMAC GEARLESS MACHINE         TAG, GL101 - BRAKE RATINGS FOR MAYR #6         HEX HEAD CAP SCREW         HEX NUT         LOCK WASHER         STANDARD WASHER         NOT INCLUDED - SHOWN FOR CLARITY
MACHINE # WINDING P/N GL101-15L GL100-170-150 GL101-15H GL100-360-150 GL101-20L GL100-170-200	C C E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1 89.2	31 32 33 34 35 36 37 38 39 40 41 42 43 40 41 42 43 44 45 43 44 45 43 44 45 46 47 48 ATIONS USING FRAME/MAG SIZE (mm 100 100	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 1 5 2:1 V	$3/4 - 10 UNC \times 0.75"$ $1/2 - 13 UNC \times 0.5"$ $3/8 - 16 UNC \times 4$ $3/8 - 16 UNC \times 1.5$ $3/8 - 16 UNC \times 1.5$ $3/8 - 16 UNC \times 1.5$ $3/8 - 16 UNC \times 0.625"$ $0.375 WASHER$ $#8 - 32 \times 1/4"$ $#8 WASHER$ $ECN 113 5 - 2810061$ $#6 U \times 0.3125$ $P - 173$ $P - 210$ $1/2 - 13 UNC \times 2.25"$ $1/2 - 13 UNC \times 2.25$ $I/2 $	SET SCREW (HOLE PLUG)         SET SCREW (HOLE PLUG)         FLAT HEAD CAP SCREWS         SOCKET HEAD CAP SCREW         SOCKET HEAD CAP SCREW         WHIZ BOLT         CAP SCREW LOCK WASHER         SOCKET HEAD CAP SCREW         INT. TOOTH LOCK WASHER         SOMM HEIDENHAIN ENCODER         DRIVE SCREW         MOTOR TAG - PMAC GEARLESS MACHINE         TAG, GL101 - BRAKE RATINGS FOR MAYR #6         HEX HEAD CAP SCREW         HEX NUT         LOCK WASHER         STANDARD WASHER         NOT INCLUDED - SHOWN FOR CLARITY         INE         CAR SPEED         rpm)         20" (fpm)         4         400         9       533
MACHINE #         WINDING P/N           GL101-15L         GL100-170-150           GL101-15H         GL100-360-150	C C E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1 89.2	31 32 33 34 35 36 37 38 39 40 41 42 43 40 41 42 43 44 45 43 44 45 46 47 48 ATIONS USING FRAME/MAG SIZE (mm 100 100	6 6 6 3 4 6 4 4 1 4 1 1 4 4 4 4 4 4 4 1 5 2:1 V	$\begin{array}{c c c c c c } \hline 3/4 - 10 \ UNC \times 0.75" \\ \hline 1/2 - 13 \ UNC \times 0.5" \\ \hline 3/8 - 16 \ UNC \times 4 \\ \hline 3/8 - 16 \ UNC \times 1.5 \\ \hline 3/8 - 16 \ UNC \times 1 \\ \hline 3/8 - 16 \ UNC \times 1 \\ \hline 3/8 - 16 \ UNC \times 0.625" \\ \hline 0.375 \ WASHER \\ \hline 3/8 - 16 \ UNC \times 0.625" \\ \hline 0.375 \ WASHER \\ \hline 48 - 32 \times 1/4" \\ \hline #8 - 32 \times 1/4" \\ \hline 1/2 \ H8 - 32 \times 1/4" $	SET SCREW (HOLE PLUG)SET SCREW (HOLE PLUG)FLAT HEAD CAP SCREWSSOCKET HEAD CAP SCREWSOCKET HEAD CAP SCREWWHIZ BOLTCAP SCREW LOCK WASHERSOCKET HEAD CAP SCREWINT. TOOTH LOCKWASHERSOmm HEIDENHAIN ENCODERDRIVE SCREWMOTOR TAG - PMAC GEARLESS MACHINETAG, GL101 - BRAKE RATINGS FOR MAYR #6HEX HEAD CAP SCREWHEX NUTLOCK WASHERSTANDARD WASHERNOT INCLUDED - SHOWN FOR CLARITYINECAR SPEEDrpm)20" (fpm)440095339533
MACHINE # WINDING P/N GL101-15L GL100-170-150 GL101-15H GL100-360-150 GL101-20L GL100-170-200 GL101-20H GL100-360-200	C C E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1 89.2 89.3	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47         48         ATIONS USING         FRAME/MAG         SIZE (mm         100         100         100         100	6 6 6 3 4 6 4 1 4 1 1 4 4 4 1 5 2:1 V 5 NET )	$3/4 - 10 UNC \times 0.75"$ $1/2 - 13 UNC \times 0.5"$ $3/8 - 16 UNC \times 4$ $3/8 - 16 UNC \times 1.5$ $3/8 - 16 UNC \times 1.5$ $3/8 - 16 UNC \times 1.5$ $3/8 - 16 UNC \times 0.625"$ $0.375 WASHER$ $#8 - 32 \times 1/4"$ $#8 WASHER$ $ECN 113 5 - 2810061$ $#6 U \times 0.3125$ $P - 173$ $P - 210$ $1/2 - 13 UNC \times 2.25"$ $1/2 - 13 UNC \times 2.25"$ $1/2 - 13 UNC NUT$ $1/2 WASHER$ $1/2 (10 - 101)$ $360$ $101.$	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER 50mm HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 4 400 9 533 9 533 WEIGHT: 2188.5 lbmas
MACHINE #       WINDING P/N         GL101-15L       GL100-170-150         GL101-15H       GL100-360-150         GL101-20L       GL100-170-200         GL101-20H       GL100-360-200         E       UPE	C C E E E E E E E E E E E E E E E E E E	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47         48         ATIONS USING         FRAME/MAG         SIZE (mm         100         100         100         100	6 6 6 3 4 6 4 1 4 1 1 4 4 1 1 4 4 4 1 5 2:1 V 5 NET )	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 WASHER 1/2 UNC NUT 1/2 - 13 U	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOmm HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 4 400 4 400 9 533 9 533 WEIGHT: 2188.5 lbmas
MACHINE #       WINDING P/N         GL101-15L       GL100-170-150         GL101-15H       GL100-360-150         GL101-20L       GL100-170-200         GL101-20H       GL100-360-200         E         UPE         LIST         D       MA2	E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1 89.2 87.1 89.2 87.1 89.2 87.1 89.3 DATE BRAKE PARTS <u>* TAGS, PUR #1260</u> YR #8275067 WAS 211863, PUR #1244	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47         48         ATIONS USING         FRAME/MAG         SIZE (mm         100         100         100         100         100         100         100         100	6 6 6 3 4 6 4 1 4 1 1 4 1 1 4 1 4 1 5 2:1 V iNET ) WAS 6 X VAS 6 X VAS HEI SL185-0 2 UR #78	3/4 - 10 UNC x 0.75"         1/2 - 13 UNC x 0.5"         3/8 - 16 UNC x 4         3/8 - 16 UNC x 1.5         3/8 - 16 UNC x 1         3/8 - 16 UNC x 1         3/8 - 16 UNC x 1         3/8 - 16 UNC x 0.625"         0.375 WASHER         #8-32 x 1/4"         #8 WASHER         ECN 113 52810061         #6 U x 0.3125         P-173         P-210         1/2 - 13 UNC x 2.25"         1/2 - 13 UNC NUT         1/2 WASHER         1/2 WASHER         1/2 WASHER         1/2 WASHER         1/2 MASHER         1/2 MASHER         1/2 MASHER         1/2 WASHER         1/2 WASHER <td< td=""><td>SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOmm HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 4 400 9 533 9 533 WEIGHT: 2188.5 lbmase HOLLISTER-WHITNEY ELEVATOR CO. LLC</td></td<>	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOmm HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 4 400 9 533 9 533 WEIGHT: 2188.5 lbmase HOLLISTER-WHITNEY ELEVATOR CO. LLC
MACHINE #       WINDING P/N         GL101-15L       GL100-170-150         GL101-15H       GL100-360-150         GL101-20L       GL100-170-200         GL101-20H       GL100-360-200         E         UPE         LIST         D       #82         C       3X 0	E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1 89.2 87.1 89.2 87.1 89.2 87.1 89.2 87.1 89.2 87.1 89.3	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47         48         ATIONS USING         FRAME/MAG         SIZE (mm         100         100         100         100         100         100         100         100         100         100         100         100         100         100	6 6 6 3 4 6 4 1 4 1 1 4 1 1 4 1 4 1 5 2:1 V iNET ) WAS 6 X VAS 6 X VAS HEI SL185-0 2 UR #78	3/4 - 10 UNC x 0.75" 1/2 - 13 UNC x 0.5" 3/8 - 16 UNC x 4 3/8 - 16 UNC x 1.5 3/8 - 16 UNC x 1 3/8 - 16 UNC x 0.625" 0.375 WASHER #8-32 x 1/4" #8 WASHER ECN 113 52810061 #6 U x 0.3125 P-173 P-210 1/2 - 13 UNC x 2.25" 1/2 - 13 UNC NUT 1/2 VASHER 1/2 WASHER 1/2 UASHER 1/2 UASHE	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOMM HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 1 400 4 400 9 533 9 533 WEIGHT: 2188.5 lbmas WEIGHT: 2188.5 lbmas
MACHINE #       WINDING P/N         GL101-15L       GL100-170-150         GL101-15H       GL100-360-150         GL101-20L       GL100-170-200         GL101-20H       GL100-360-200         E         UPE         LIST         D       MAX         HOLLISTER-	E 1:1 APPLIC COIL/WINDING EFFICIENCY (%) 87.2 87.1 89.2 87.1 89.2 87.1 89.2 87.1 89.3 DATE BRAKE PARTS <u>* TAGS, PUR #1260</u> YR #8275067 WAS 211863, PUR #1244	31         32         33         34         35         36         37         38         39         40         41         42         43         44         45         46         47         48         ATIONS USING         FRAME/MAG         SIZE (mm         100         100         100         100         100         100         100         100         100         100         100         100         100         100	6 6 6 3 4 6 4 1 4 1 1 4 1 1 4 4 1 1 5 2:1 V 5 2:1 V 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3/4 - 10 UNC x 0.75"         1/2 - 13 UNC x 0.5"         3/8 - 16 UNC x 4         3/8 - 16 UNC x 1.5         3/8 - 16 UNC x 1         3/8 - 16 UNC x 1         3/8 - 16 UNC x 0.625"         0.375 WASHER         #8-32 x 1/4"         #8 WASHER         ECN 113 52810061         #6 U x 0.3125         P-173         P-210         1/2 - 13 UNC x 2.25"         1/2 - 13 UNC NUT         1/2 - 13 UNC NUT         1/2 WASHER         1/2 WASHER         1/2 WASHER         1/2 MASHER         1/2 WASHER         1/2 WASHER <td< td=""><td>SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOMM HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 1 400 4 400 9 533 9 533 WEIGHT: 2188.5 lbmas WEIGHT: 2188.5 lbmas</td></td<>	SET SCREW (HOLE PLUG) SET SCREW (HOLE PLUG) FLAT HEAD CAP SCREWS SOCKET HEAD CAP SCREW WHIZ BOLT CAP SCREW LOCK WASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOCKET HEAD CAP SCREW INT. TOOTH LOCKWASHER SOMM HEIDENHAIN ENCODER DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE TAG, GL101 - BRAKE RATINGS FOR MAYR #6 HEX HEAD CAP SCREW HEX NUT LOCK WASHER STANDARD WASHER NOT INCLUDED - SHOWN FOR CLARITY NOT INCLUDED - SHOWN FOR CLARITY INE CAR SPEED rpm) 20" (fpm) 1 400 4 400 9 533 9 533 WEIGHT: 2188.5 lbmas WEIGHT: 2188.5 lbmas

	Γ	ITEM	QTY	PART N	JMBER	DESCR	IPTION		
	F	1	1	GL101				N - FINISHED	
		2	1	GL100	-001	BASE	HOUSING, M	OTOR #GL100	
		3	1	GL101	-002	ROTO	R ASSEMBLY,	, MOTOR #GL100	
		3.1	1	GL101	-004	ROTO	र		
	-	3.2	28	GL100	-099	PERMA	ANENT MAG	NET - MOTOR #GL100	)
		4	1	GL260	-005	BEARI	NG CAP		
		5	1	GL171	-006	OUTBO	DARD STANE	D, AC GEARLESS	
		6	1	GL100	-010	20" SH	EAVE, 6 x 1/	2" ROPE MAX	
		7	1	GL101	-018	MAIN	SHAFT		
	(B)	8	1	GL185	-019	END C	AP		
		9	1	GL171	-020	BEARI	NG END CAP	1	
	_	10	8	GL100	-073	BODY	BOLT		
	_	11	1	GL100	-088	KEY - S	TATOR COR	E TO BASE	
	_	12	1	GL185			-	SINGLE ROW DEEP GF	ROOVE BALL
	_	13	1	GL100			-	pherical Roller	
	_	14	1	GL185				SPHERICAL ROLLER	
	_	15	1	GL100			NING RING -		
	_	16	3	GL130			NING RING -		
		17	1	GL100			NING RING -		
	$(\mathbf{C})$	18	3	GL100-			P - STATOR A		
		19	1	GL100			ROTOR TO SH		
	F	20	1	GL100					
		21	1	GL100			RAKE (MAYI	•	
		21.1	1	GL100-1				510 03 #8275067 (104	
	(D)	21.1.1		GL100-1			-	1.510.03S 52V #82750	D/
	Ē	21.1.2		142-			VINYL CAP		
		21.1.3		P-1 P-1		•		ACHINE BRAKE AIRGA N & BRAKE BURNISHI	
		21.1.4						N & BRAKE BURNISH	
		21.1.5	1	P-2		BRAKE			
		21.2	1	142-			R - MAYR #6	FLECTRICAL	
		21.3	2	140-		BRAKE			
		21.4	4	1/2-13 L			T HEAD CAP	SCRFW	
		21.5	4	1/2" W/			DARD WASH		
		21.7	2	3/8-16 UN		SET SC			
		21.8	2	M6 x 1.00			Metric		
	Γ			GL171-1				) SHIM - 0.005"	
		22	As	GL171-1				) SHIM - 0.010"	
			Nec.	GL171-1				) SHIM - 0.031"	
	-	23	1	GL100				SURE, HOFFMAN A8	06CH - MODIFIED
	-	24	1	GL100			UST SEAL		
	-	25	2	1-8UN			IREAD - GRA	DE 5	
	-	26	2	1-8UN			T HEAD CAP		
		27	4	1-8UNC			T HEAD CAP		
	-	28	8	1" WA			ASHER		
	-	29	8	1" N		HEX N			
	_	30	8	M18 LOCK				OCK WASHER - BODY	BOLT
	_	31	6	3/4 - 10 UN	IC x 0.75"	SET SC	REW (HOLE	PLUG)	
	_	32	6	-			REW (HOLE	•	
		33	6	3/8-16 L	JNC x 4	FLAT H	IEAD CAP SC	REWS	
		34	6	3/8 - 16 U	NC x 1.5	SOCKE	T HEAD CAP	SCREW	
	( <b>C</b> )∣	35	3	3/8 - 16 0		SOCKE	T HEAD CAP	SCREW	
		36	4	3/8 - 16 UN	C x 0.625"	WHIZ	BOLT		
	( <b>C</b> )	37	6	0.375 W	ASHER	CAP S		WASHER	
		38	4	#8-32>	( 1/4"	SOCKE	T HEAD CAP	SCREW	
	F	39	4	#8 WA	SHER	INT. TO		WASHER	
		40	1	ECN 113 5	2810061	50mm	HEIDENHAI	N ENCODER	
	(E)	41	4	#6 U x (		DRIVE	SCREW		
		42	1	P-1				AC GEARLESS MACHIN	
		43	1	P-2		,		E RATINGS FOR MAY	R #6
		44	4				EAD CAP SCF	REW	
		45	4	1/2 - 13 U		HEX N			
	Ļ	46	4	1/2 WA			NASHER		
	Ļ	47	4	1/2 WA			DARD WASH		
		48	1	62	U	NOTI	NCLUDED - S	HOWN FOR CLARITY	
	1:1 APPLIC	ATIONS USIN	G 2:1 \	WINDINGS					
		1		r	MACHI		CAR SPEED	]	
ING P/N	EFFICIENCY (%)	-		(Vac)	SPEED (rp		20" (fpm)		
-170-150		100	,	170	76.4		400	1	
-360-150		100		360	76.4		400	1	
								1	
-170-200		100		170	101.9		533	4	
-360-200	0 89.3	100		360	101.9		533		
	PDATE BRAKE PARTS	LTL O	WAS 6	K, REMOVE 6X	( 3/8 li Ti				GHT: 2188.5 lbmass
	<u>ST &amp; TAGS, PUR #1260</u>		NASHE	RS, PUR #111 19 WAS GL171-0	1 6/5/19	4	ног	LISTER-WH	
D  #8	AYR #8275067 WAS 3211863, PUR #1244	12/9/19 B	PUR #78	8	6/23/16	TITLE		ELEVATOR CO. L	
				CTION RELEA		GEA	ARLESS MA	CHINE, 1100# @ 50%	
	( GL100-094-1 WAS 1X L100-094, 3X 3/8x1HHC		20R #6/	40		1		$(\mathbf{R} \ \mathbf{u} \mathbf{n} \mathbf{n} \mathbf{n} \mathbf{n} \mathbf{n} \mathbf{n} \mathbf{n} n$	
	L100-094, 3X 3/8x1HHC RAWING IS SUPPLIED AS A REPRESE	S 6/5/19 A I				DRAW	N SCALE MATE	CB, 900# @ 40% C	REFERENCE TOL.
THIS D HOLLISTE SUPPLY. INST	L100-094, 3X 3/8x1HHC RAWING IS SUPPLIED AS A REPRESE R-WHITNEY ELEVATOR CO. LLC ("MAI SLIGHT ADJUSTMENTS MAY OCCUR ALLATION. ANY MODIFICATIONS NOT	S 6/5/19 A I NTATION OF THE EQUIPMEN NUFACTURER") HAS AGREE DURING MANUFACTURING, APPROVED IN WRITING BY		HIRD ANGLE F	PROJECTION	BY		· · ·	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE
THIS D HOLLISTE SUPPLY. INST MANU	L100-094, 3X 3/8x1HHC RAWING IS SUPPLIED AS A REPRESE "-WHITNEY ELEVATOR CO. LLC ("MAI SLIGHT ADJUSTMENTS MAY OCCUR ALLATION. ANY MODIFICATIONS NOT FACTURER MAY AFFECT OPERATION RELEASES MANUFACTURER OI CUMENT CONTAINS CONFIDENTIAL AM	S 6/5/19 A II NTATION OF THE EQUIPMEN NUFACTURER") HAS AGREE DURING MANUFACTURING J APPROVED IN WRITING BY VOIDS ANY WARRANTY AN F ALL LIABILITY. D PROPRIETARY INFORMA	NT D TO AND D TION				1/5	RIAL	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
THIS D HOLLISTE SUPPLY. INST MANU	L100-094, 3X 3/8x1HHC RAWING IS SUPPLIED AS A REPRESE RAWINTREY ELEVATOR CO. LLC ("MAI SLIGHT ADJUSTMENTS MAY OCCUR ALLATION. ANY MODIFICATIONS NOT FACTURER MAY AFFECT OPERATION RELEASES MANUFACTURER OI	S 6/5/19 A II NTATION OF THE EQUIPMEN NUFACTURER") HAS AGREE DURING MANUFACTURING. "APPROVED IN WRITING BY VOIDS ANY WARRANTY AN F ALL LIABILITY. ID PROPRIETARY INFORMA" IN WHOLE OR IN PART, WIT	NT D TO AND D TION			ΒΥ LTL	1/5	RIAL SEE PARTS LSIT	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE

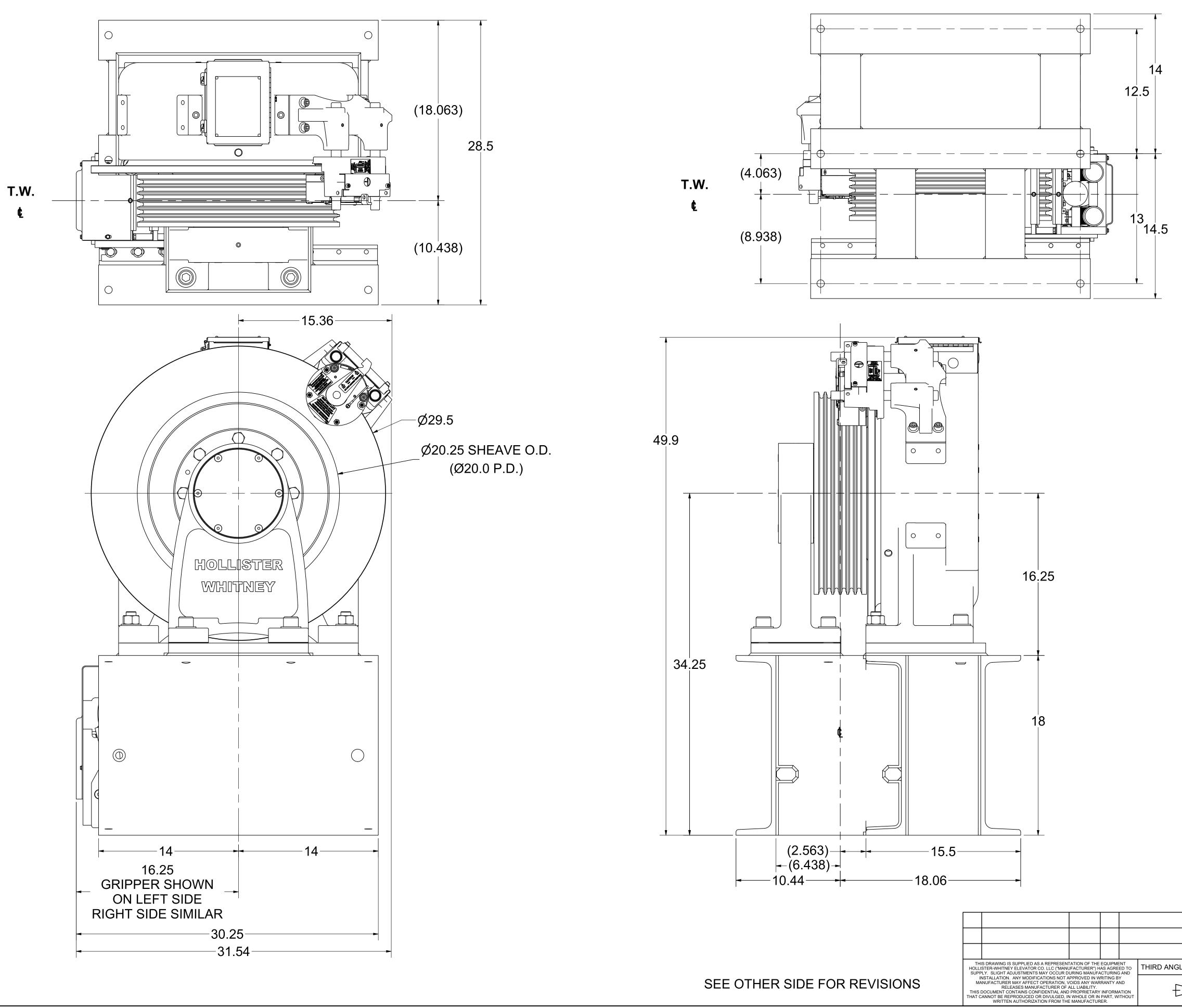


			SE	EE OTHER			H	OLLISTER-	WHI	TNEY
			C)	SIDE FOR		TITLE		ELEVATOR C	CO. LL	C
			R	EVISIONS			RLESS	MACHINE, 1100# @ CB, 900# @ 4		
R CO. LLC ("MANUF#	S A REPRESENTATION OF THE EQUIPMENT CO. LLC ("MANUFACTURER") HAS AGREED TO S MAY OCCUR DURING MANUFACTURING AND		THIRD ANGLE PROJ	ECTION	DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.	
FICATIONS NOT APP CT OPERATION, VOI UFACTURER OF ALL	PROVED IN W IDS ANY WAR	RITING B	Y	$\sim$		LTL	1/5	SEE PARTS LS	IT	UNLESS OTHERWISE SPECIFIED
NFIDENTIAL AND PE OR DIVULGED, IN W ATION FROM THE M	ROPRIETARY WHOLE OR IN	PART, W		$\square$		SHEET S	IZE D	DATE 5/22/2014		GL101-620 SHEET 2 OF 2



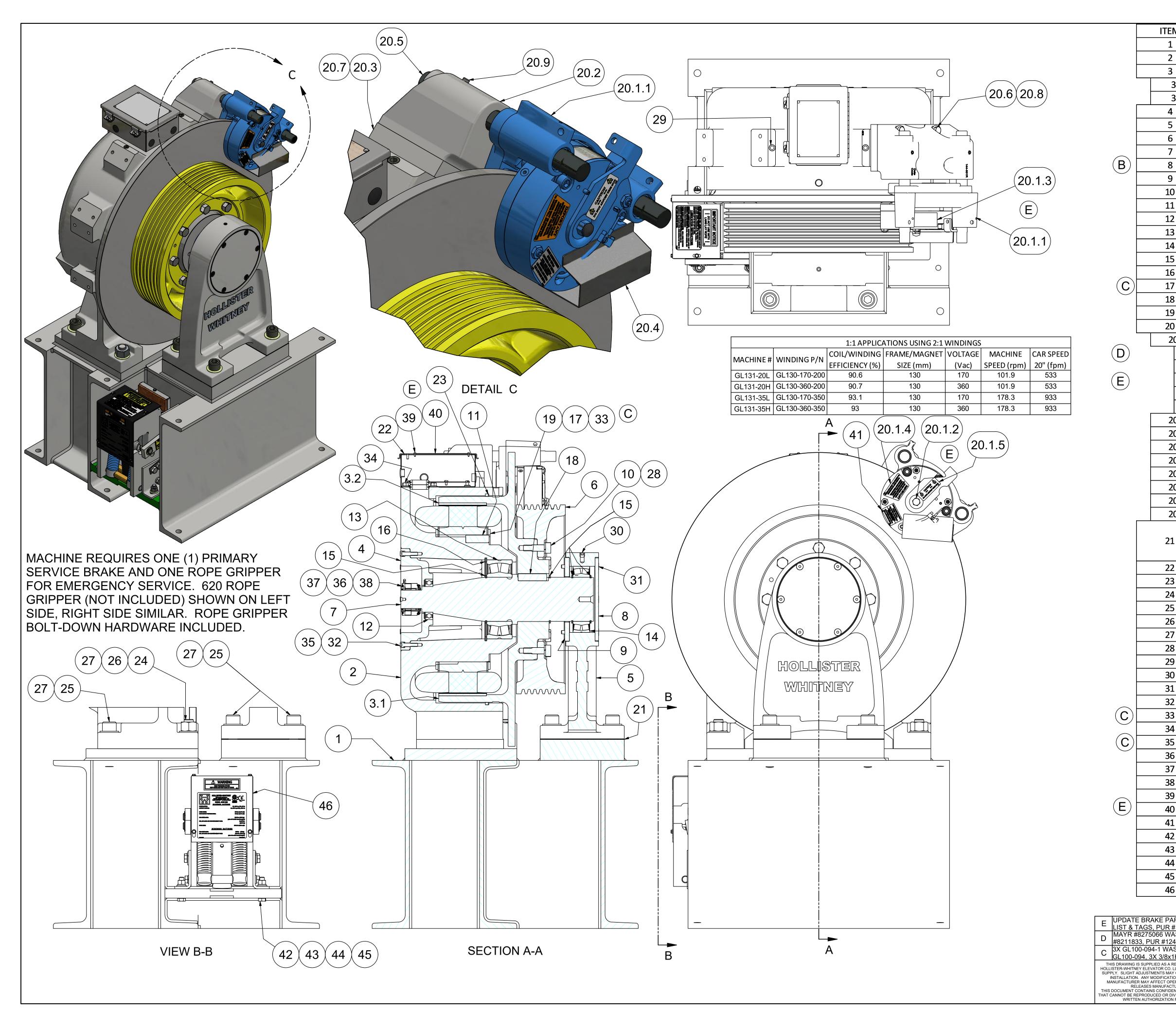
	ITEM	QTY		RTNUMBER		ESCRIPTI				
	1	1		L101B-622				N - FINISHED		
	2	1		L100-001				AOTOR #GL100	<u> </u>	
	3	1		iL101-002			SEMBLY	/, MOTOR #GL10	0	
	3.1	1 28		iL101-004 iL100-099				GNET - MOTOR #		
	4	28		iL100-099 iL260-005						
	5	1		iL171-006				D, AC GEARLESS		
	6	1		iL100-010				/2" ROPE MAX		
	7	1		L101-018		AIN SHA				
B		1		iL185-019		ND CAP	••			
	9	1		iL171-020		EARINGE	ND CAI	p		
E	10	8		iL100-073	BC		<u>г</u> Г			
	11	1	G	iL100-088	KE	EY - STAT	OR COF	RE TO BASE		
	12	1	G	L185-089	BE	EARING, S	SEALED	SINGLE ROW DI	EEP GR	DOVE BALL
	13	1	G	iL100-090	Be	earings, S	Sealed	Spherical Roller	•	
	14	1	G	iL185-090	BE	EARING, S	SEALED	SPHERICAL ROL	LER	
	15	1	e	L100-092	RE	TAINING	G RING	- SHAFT		
	16	3	G	L130-092	RE	TAINING	G RING	- SHAFT		
$\sim$	17	1	G	L100-093	RE	TAINING	<b>G RING</b>	- HOUSING		
(C	) 18	3	Gl	.100-094-1	CL	AMP - S	TATOR	ASSEMBLY		
	19	1	e	iL100-095	KE	EY - ROTO	OR TO S	HAFT		
	20	1		iL100-100		INDING				
	21	1		iL100-146			•	(R #6) - MRL		
$\widehat{}$	21.1	1		00-146-1155				VITH STANDARD		
	21.1.1	1		.00-146-115				4.510.03S 52V #	827506	7
	21.1.2			142-050		ACK VIN				
E	21.1.3			P-175		•		ACHINE BRAKE		
	21.1.4			P-190				ON & BRAKE BUP		
	21.1.5			P-229				DO NOT ADJUST	THIS N	IUT
	21.2	1		142-001		RAKE BAS				
	21.3	1		146-003				ELECTRICAL		
	21.4	2		142-012						
	21.5	4	-	-13 UNC x 2						
	21.6	4		2" WASHER				IEK		
	21.7 21.8	2		6 UNC x 0.37		T SCREW				
	21.8	2		1.00 x 8mm		ICS - Mei				
	22	As		171-157-05 171-157-10				D SHIM - 0.005" D SHIM - 0.010"		
		Nec.		171-157-10				D SHIM - 0.010 D SHIM - 0.031"		
	23	1		iL100-159						6CH - MODIFIED
	23	1		iL100-135		ELT DUST		USURE, HUFFINA		
	25	2		8 UNC x 5"				P SCREW		
	26	2		8 UNC x 4"				P SCREW		
	27	4		UNC x 3.25"				P SCREW		
	28	8		WASHER		AE WASH		SCIL		
	29	8	-	1" NUT						
	30	8	Washe				spring	lock washers, Li	ght typ	e
	31	6		.0 UNC x 0.75			<u> </u>		<u> </u>	
	32	6	-	13 UNC x 0.5			•	-		
	33	6		-16 UNC x 4		AT HEAD	· ·	1		
$\sim$	34	6		16 UNC x 1.5		OCKET HE	AD CAI	P SCREW		
(C)	) 35	3	-	- 16 UNC x 1		OCKET HE	AD CA	P SCREW		
	36	4	3/8 - 1	6 UNC x 0.62	5" WI	HIZ BOL	Γ			
	37	6	0.3	75 WASHER	CA	AP SCREV	V LOCK	WASHER		
	38	4	#8	8-32 x 1/4"	SO	OCKET HE	AD CA	P SCREW		
	39	4		3 WASHER				WASHER		
	40	1		113 5281006				IN ENCODER		
E	41 42	4	#6	U x 0.3125		RIVE SCR		AC GEARLESS M		
	42	1 1		P-173 P-210				AC GEARLESS M KE RATINGS FOR		
	43	2	62	22-041-GL				.E, GL101-622 BA		
	45	6		.3 UNC x 1.25						
	46	6	-	.3 UNC x 1.25						
	47	1	<u>, -</u>	622				HOWN FOR CLA	RITY OI	NLY
1·1 ΔΡΓ	LICATIONS USING		NDINGS				.,			
	NG FRAME/MAGN				CAR	R SPEED				
MACHINE # WINDING P/N EFFICIENCY			(Vac)	SPEED (rpm		" (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			WEI	GHT: 2179.5 lbmass
							НО	LLISTER-		
MAYR #8275067	WAS LTL F	GL18	5-019 WA	S GL171-019, L	<u>/5/19</u> TL	-		ELEVATOR		
D #8211863, PUR #	1244 12/9/19 <sup>6</sup>	PRO		6, N RELEASE, L	/23/16 TL		LESS M			CB, 1000# @ 45%
GL100-094, 3X 3/	8x1HHCS 6/5/19	<sup>A</sup> PUR	#640	5	/23/14			CB, 900# @ 4		_
HOLLISTER-WHITNEY ELEVATOR SUPPLY. SLIGHT ADJUSTMENTS	S A REPRESENTATION OF THE EQU CO. LLC ("MANUFACTURER") HAS A MAY OCCUR DURING MANUFACTU CATIONS NOT APPROVED IN WRITI	GREED TO RING AND	THIRD	ANGLE PROJE	CTION	BY	SCALE MA		IQT	REFERENCE TOL.
MANUFACTURER MAY AFFECT RELEASES MANU	CATIONS NOT APPROVED IN WRITH OPERATION, VOIDS ANY WARRAN FACTURER OF ALL LIABILITY.	TY AND				LTL SHEET SIZ	1/5	SEE PARTS L	וטו ד	
THAT CANNOT BE REPRODUCED C	FIDENTIAL AND PROPRIETARY INFO R DIVULGED, IN WHOLE OR IN PAR FION FROM THE MANUFACTURER.			Ψ			D	5/21/2014		GL101-622 SHEET 1 OF 2
			1							UTLET I UF Z

		ITEM	<b>QTY</b>	PAF	RT NUMBEF	R DE	ESCRIPTI	ON			
	-	1	1		L101B-622	BA	ASE FABF	RICATIO	N - FINISHED		
	-	2	1		L100-001				10TOR #GL100		
	l	3	1		iL101-002			SEMBLY	7, MOTOR #GL100	)	
		3.1	1	_	L101-004						
	Г	4	28	_	il100-099 il260-005		EARING		GNET - MOTOR #	3L100	
	-	5			iL260-005				D, AC GEARLESS		
	-	6			iL171-008				/2" ROPE MAX		
	-	7	1		L100-010		AIN SHA				
	B	8	1		L101 010		ND CAP				
		9	1		L171-020		EARING E		)		
	-	10	8		iL100-073						
	-	11	1		iL100-088	KE	EY - STAT	OR COR	RE TO BASE		
		12	1	G	iL185-089	BE	EARING,	SEALED	SINGLE ROW DE	EP GROO	VE BALL
		13	1	G	iL100-090	Be	earings, S	Sealed S	Spherical Roller		
	-	14	1	G	iL185-090	BE	EARING, S	SEALED	SPHERICAL ROLI	.ER	
		15	1	G	iL100-092	RE	ETAINING	G RING -	SHAFT		
		16	3	G	iL130-092	RE	ETAINING	GRING -	SHAFT		
	$\frown$	17	1	G	iL100-093	RE	ETAINING	G RING	- HOUSING		
	( <b>C</b> )	18	3	GL	.100-094-1	CL	LAMP - S	TATOR	ASSEMBLY		
	<u> </u>	19	1	G	iL100-095	KE	EY - ROTO	OR TO S	HAFT		
	-	20	1	G	iL100-100		/INDING				
	l	21	1		iL100-146			•	R #6) - MRL		
		21.1	1		00-146-115				/ITH STANDARD		
	(D)	21.1.1			.00-146-115			-	4.510.03S 52V #8	275067	
		21.1.2			142-050						
	(E)	21.1.3			P-175				ACHINE BRAKE A		
		21.1.4			P-190				N & BRAKE BUR		
		21.1.5	1		P-229 142-001		RAKE BAS		DO NOT ADJUST		
		21.2	1		146-003				ELECTRICAL		
		21.3	2		140-005		RAKE ROI		ELECTRICAL		
		21.4	4		-13 UNC x 2		DCKET HE				
		21.6	4		2" WASHER						
		21.7	2		6 UNC x 0.3		ET SCREW				
		21.8	2		1.00 x 8mi		HCS - Me				
	]				171-157-05				D SHIM - 0.005"		
		22	As		171-157-10				D SHIM - 0.010"		
			Nec.	GL	171-157-31	0	UTBOARI	D STAN	D SHIM - 0.031"		
		23	1	G	iL100-159	EL	ECTRICA	L ENCLO	DSURE, HOFFMA	N A806CH	I - MODIFIED
	-	24	1	G	iL100-165	FE	ELT DUST	SEAL			
		25	2	1-	8 UNC x 5"	SC	OCKET HE	EAD CAF	P SCREW		
	-	26	2	1-	8 UNC x 4"	SC	OCKET HE	EAD CAF	P SCREW		
		27	4	1-8	UNC x 3.25	5" SC	ОСКЕТ НЕ	EAD CAP	P SCREW		
		28	8	1"	WASHER	SA	AE WASH	ER			
		29	8		1" NUT	HE	EX NUT				
		30	8	Washe	r GB 859-8	7 18 Si	ngle coil	spring	lock washers, Li	ght type	
		31	6	3/4 - 1	.0 UNC x 0.			•	•		
	ŀ	32	6	· ·	13 UNC x 0		ET SCREW	· ·	1		
	ŀ	33	6		-16 UNC x 4		AT HEAD				
		34	6		16 UNC x 1						
	$(\mathbf{C})$	35	3		- 16 UNC x				SCREW		
		36	4	-	6 UNC x 0.6		HIZ BOLT				
		37	6		75 WASHER				WASHER		
	ł	<u>38</u> 39	4		8-32 x 1/4" 3 WASHER		DCKET HE		VASHER		
	ľ	40	4		3 WASHER 113 528100				N ENCODER		
	$\frown$	40	4	1	U x 0.3125		RIVE SCR				
	(E)	42	1		P-173	M	IOTOR TA	G - PM	AC GEARLESS MA		
		43	1		P-210				E RATINGS FOR		
	r	44	2		22-041-GL				E, GL101-622 BAS	bE	
	r	45	6		3 UNC x 1.						
	F	<u>46</u> 47	6	1/2-1 	<u>.3 UNC x 1.3</u>						, <b></b>
	4 4 4 5 5 1		2.1 \//		622			יחבה, צו	HOWN FOR CLAF		
		ICATIONS USING G FRAME/MAGI				F	R SPEED				
DING P/N	EFFICIENCY (%			(Vac)	SPEED (rpi		" (fpm)				
)-170-15	•	<u>100 100 100 100 100 100 100 100 100 100</u>		(vac) 170	76.4		400				
)-360-15		100		360	76.4		400				
)-170-20		100		170	101.9		533				
)-360-20	0 89.3	100		360	101.9		533				
	JPDATE BRAKE PA	ARTS LTL		S 6X. REI	MOVE 6X 3/8				י מתייאסון	-	Г: 2179.5 lbmass
	<u>.IST &amp; TAGS, PUR</u> MAYR #8275067 W	<u>#1260 12/19/19 '</u>		SHERS, P	UR #1111	6/5/19 LTL	-	пΟ	LLISTER-' ELEVATOR C		
	#8211863, PUR #12	244 12/9/19		#788		6/23/16					1000# @ 45%
	3X GL100-094-1 WA GL100-094, 3X 3/8x		$\Delta$ I	R #640	N RELEASE,	LTL 5/23/14		∟⊏ЭЭ M	ACHINE, 1100# ( CB, 900# @ 4		, 1000# @ 45%
	TER-WHITNEY ELEVATOR CO.	REPRESENTATION OF THE EQ LLC ("MANUFACTURER") HAS	AGREED TO	THIRD	ANGLE PRO	JECTION	N DRAWN S	SCALE MA	TERIAL	R	EFERENCE TOL.
	Y. SLIGHT ADJUSTMENTS MA	Y OCCUR DURING MANUFACT	JRING AND					-		<b>&gt;-</b>	DIMENSIONS REFERENCE
SUPPL	STALLATION. ANY MODIFICAT	IONS NOT APPROVED IN WRIT PERATION, VOIDS ANY WARRAI	ING BY		$\neg \uparrow$			1/5	SEE PARTS LI	ST	UNLESS OTHERWISE SPECIFIED
SUPPL IN MAN THIS DO	STALLATION. ANY MODIFICAT IUFACTURER MAY AFFECT OF RELEASES MANUFAC OCUMENT CONTAINS CONFID NNOT BE REPRODUCED OR L	IONS NOT APPROVED IN WRIT	ING BY NTY AND FORMATION	т	$\bigcirc$		SHEET SIZ		SEE PARTS LIS	ST	UNLESS OTHERWISE



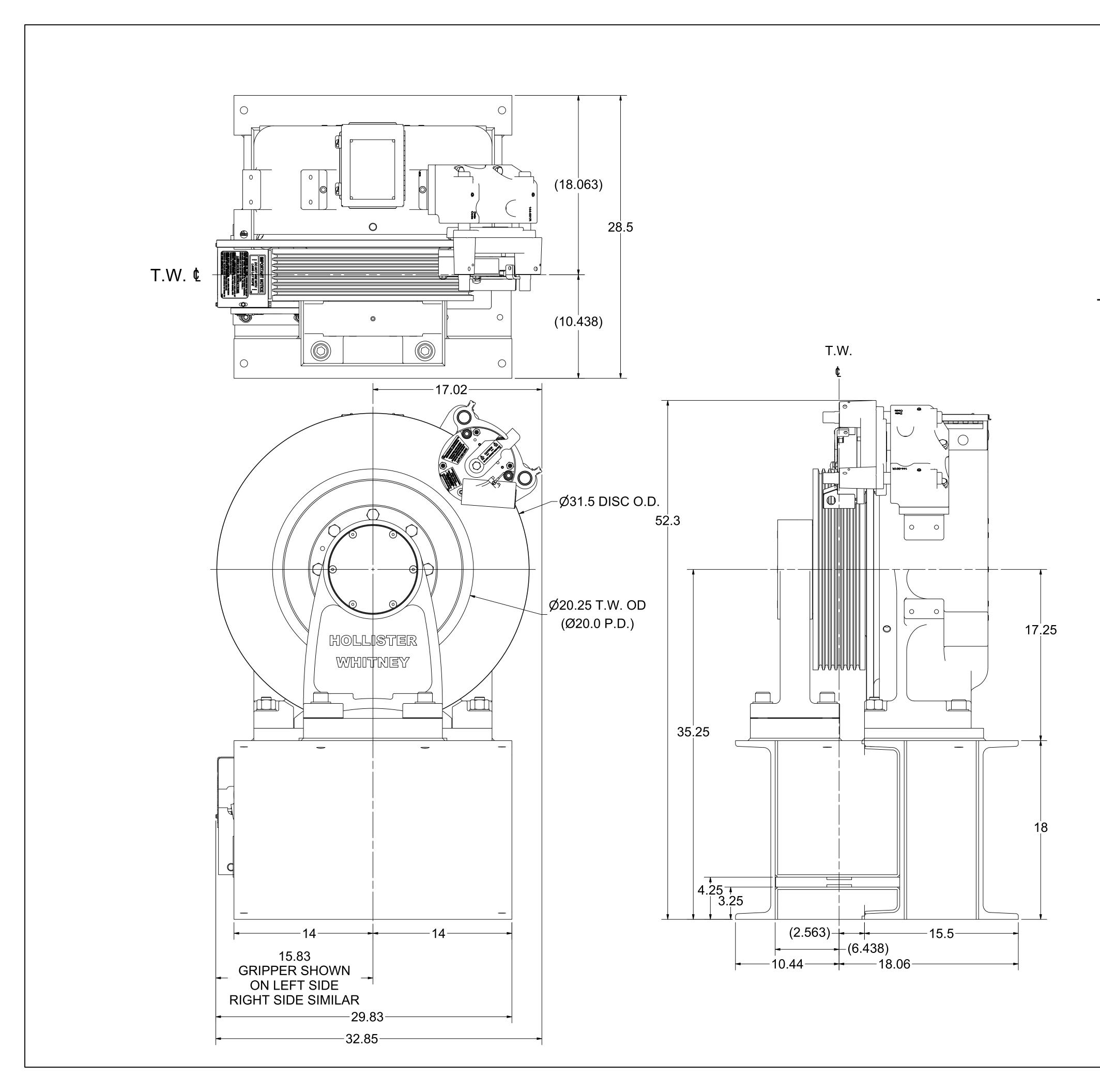
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									WEIC	GHT: 2179.5 lbmass
							H	<b>OLLISTER-</b>	WHI	TNEY
								ELEVATOR C	O. LL	С
						GEAF	RLESS	MACHINE, 1100# @ CB, 900# @ 4		
AS A REPRESENT R CO. LLC ("MANU S MAY OCCUR D FICATIONS NOT A	JFACTURER") H URING MANUFA	AS AGRE	ED TO S AND	THIRD ANGLE PRO	JECTION	DRAWN BY		MATERIAL SEE PARTS LIS		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE
CT OPERATION, V UFACTURER OF A NFIDENTIAL AND OR DIVULGED, IN ATION FROM THE	VOIDS ANY WAR ALL LIABILITY. PROPRIETARY N WHOLE OR IN	RANTY A	ND ATION	$\bigcirc$		LTL SHEET S	1 / 5 <sup>IZE</sup> D	DATE 5/21/2014		GL101-622 SHEET 2 OF 2

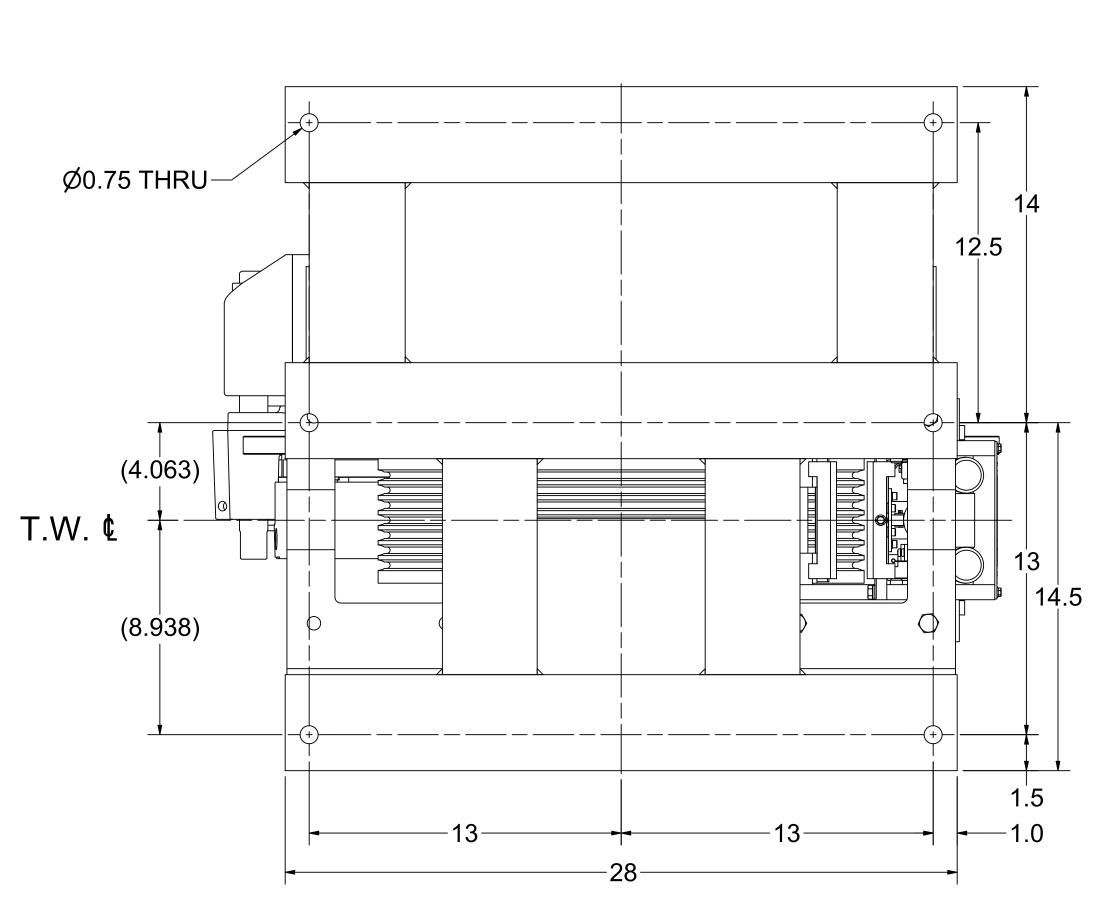


TE	M	QTY	PART NUMBER	DESCRIPTION						
1		1	GL171B-620	BASE FABRICATION - FINISHED						
2		1	GL130-001	BASE HOUSING, MOTOR #GL130						
3	3.1	1	GL131-002	ROTOR ASSEMBLY, MOTOR #GL131						
	3.1 3.2	1 28	GL131-004 GL130-099	ROTOR PERMANENT MAGNET - MOTOR #GL130						
4		1	GL130-099	BEARING CAP						
5		1	GL171-006	OUTBOARD STAND, AC GEARLESS						
6		1	GL100-010	20" TRACTION SHEAVE (WIDE)						
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 20		1	GL130-100	WINDING ASSEMBLY - 28 POLE						
	0.1	1	GL130-144	DISC BRAKE (MAYR #8) - MRL						
2	20.1.1	1	GL130-144-115S GL130-144-115	MAYR #8 BRAKE WITH STANDARD STICKERS MAYR #8; RSD8/894.510.03S 52V #8275066						
	20.1.1	1	142-050	BLACK VINYL CAP						
	20.1.2	1	P-175	TAG, GEARLESS MACHINE BRAKE AIRGAP DATA						
	20.1.3	1	P-190	ROTOR INSPECTION & BRAKE BURNISHING STICKER						
	20.1.5		P-229	CAUTION LABEL - DO NOT ADJUST THIS NUT						
2	0.2	1	144-001	BRAKE BASE						
	0.3	1	144-002	ADAPTOR PLATE - BRAKE BASE						
	0.4	1	144-003	COVER - MAYR #8 ELECTRICAL						
2	0.5	2	144-012	BRAKE ROD						
2	0.6	4	1/2 - 13 UNC x 1.75"	HEX HEAD CAP SCREW						
2	0.7	4	1/2-13 UNC x 1.5	FLAT HEAD CAP SCREW						
	0.8	4	1/2" WASHER	STANDARD WASHER						
2	0.9	2	3/8-16 UNC x 0.625	Hexagon Socket Set Screw - Flat Point						
		AS	GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"						
21		NEC.	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 25		2	1-8UNC x 5	ALL THREAD - GRADE 5						
25 26		6 2	1 - 8 UNC x 3.5" 1 - 8 UNC NUT	SOCKET HEAD CAP SCREW						
20		2	1" WASHER	HEAVY HEX NUT SAE WASHER						
27		8		HELICAL SPRING LOCK WASHER - BODY BOLT						
20		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"							
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	-							
43		4	1/2 - 13 UNC	NUT - STANDARD HEX						
44		4		STANDARD LOCK WASHER						
45		4	1/2" WASHER	STANDARD WASHER						
46	0	1	620	NOT INCLUDED- SHOWN FOR CLARITY						
				WEIGHT: 2480.9 lbmas						
	RTS LT #1260 12	L /19/19	C WAS 6X, REMOVE 6X 3/8 WASHERS, PUR #1111							
OR # 3 WA			GL185-019 WAS GL171-019,	0/3/19						

R #1260	12/19/19	C	WAS	HERS, PUR #1111	6/5/19		110	JULIOI		VV I II	
VAS	LTL			,	LTL			ELEVA	ATOR C	O. LL	C
244	12/9/19	D	PUR #	788	6/23/16	TITLE					
'AS 1X	LTL	۸	PROD	DUCTION RELEASE,	LTL	GEAF	RLESS	MACHINE,	1500# @	ጋ 50%	CB, 1350# @ 45%
x1HHCS	6/5/19	A	PUR 7	#658	8/13/14			CB, 1250 @	40% C	B 1:1 R	OPED
O. LLC ("MANI				THIRD ANGLE PRO	JECTION	DRAWN BY	SCALE	MATERIAL			REFERENCE TOL.
OPERATION, V	APPROVED IN W OIDS ANY WAR					LTL	1/5	SEE PA	RISLI	51	UNLESS OTHERWISE SPECIFIED
DENTIAL AND	ALL LIABILITY. PROPRIETARY					SHEET S	IZE	DATE			GL131-620
	N WHOLE OR IN E MANUFACTUR		THOUT				D	8/13/2	2014		SHEET 1 OF 2



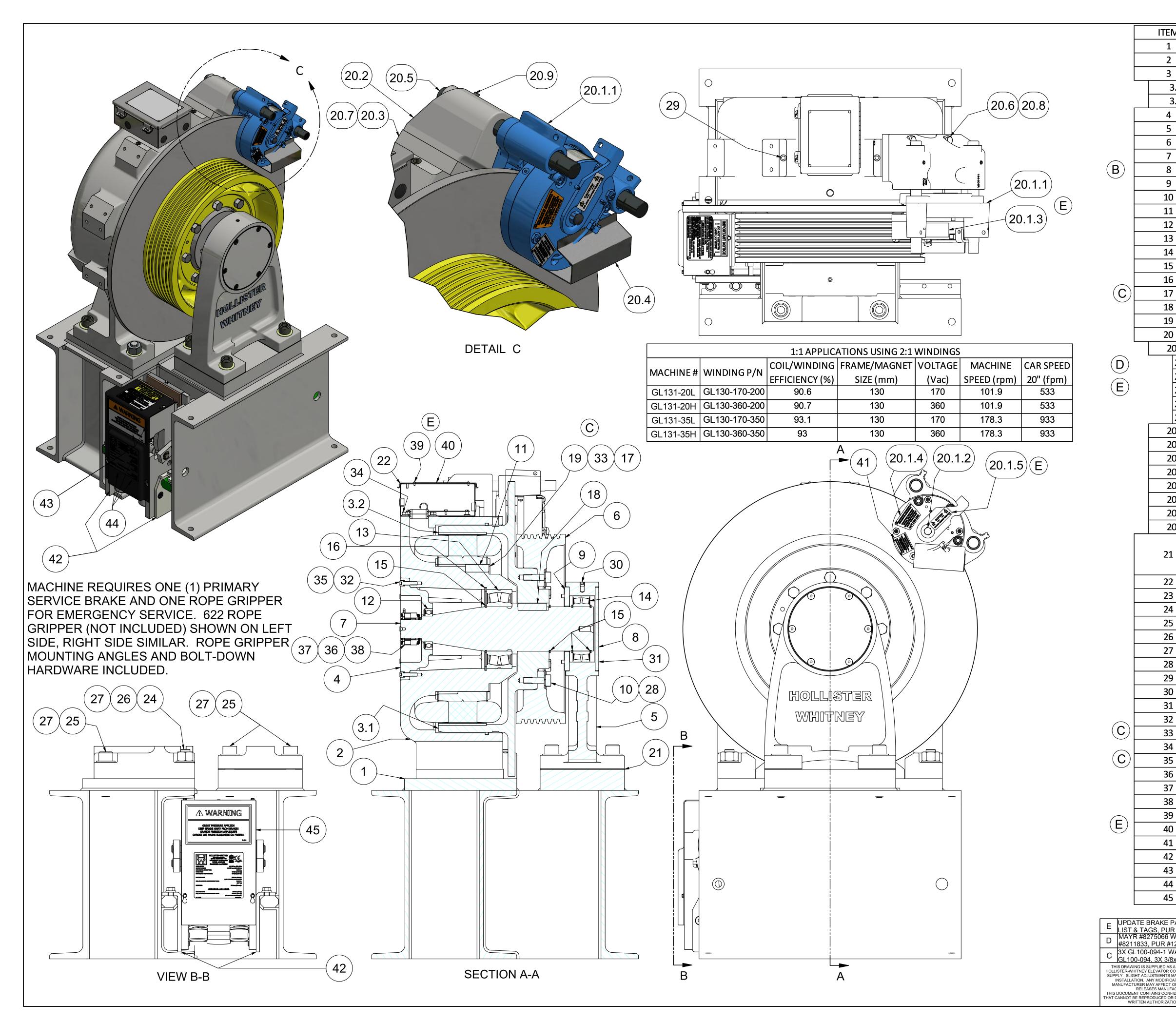




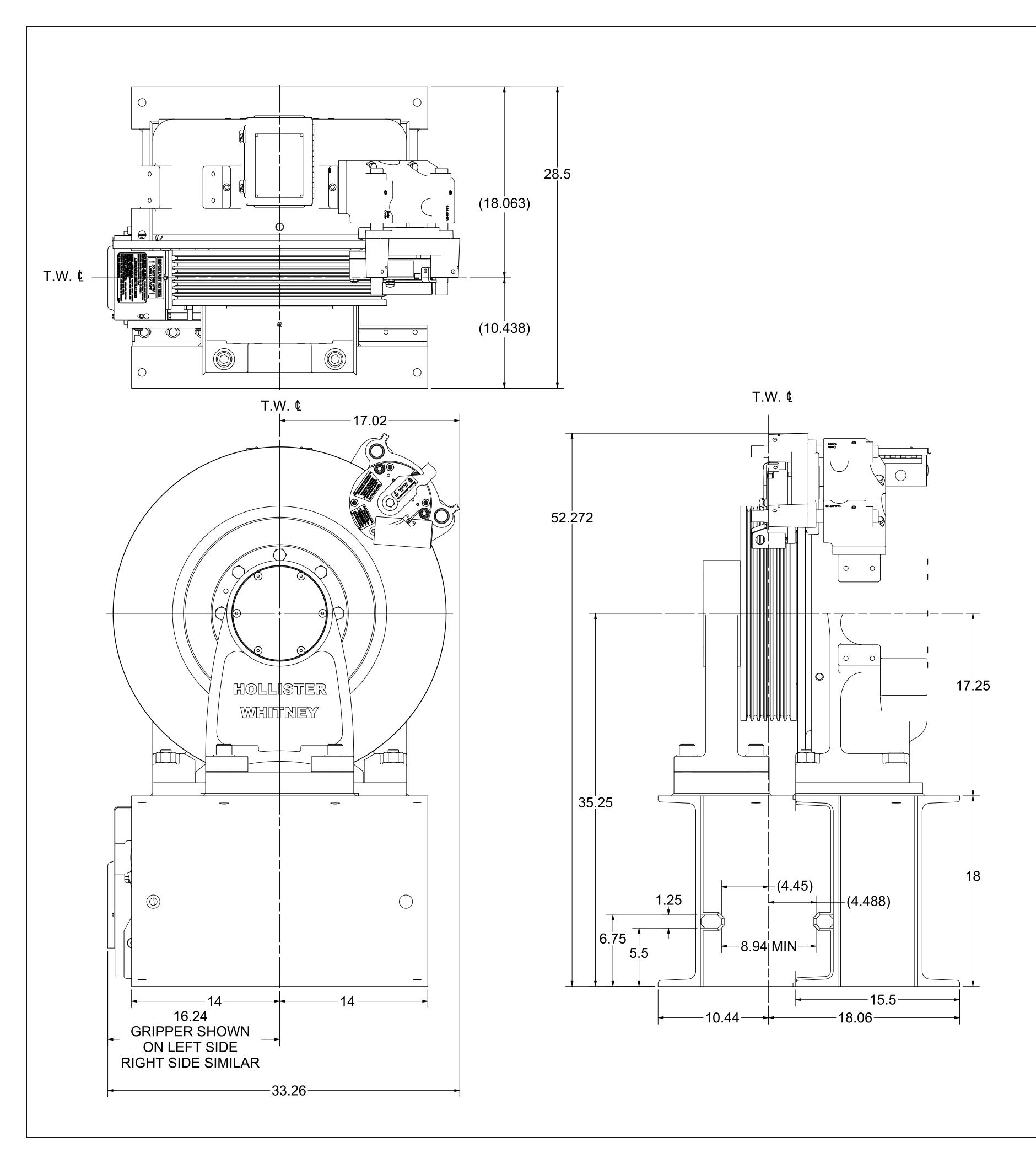
THIS DRAWING IS SUPPLIED AS A HOLLISTER-WHITNEY ELEVATOR CO SUPPLY. SLIGHT ADJUSTMENTS MA INSTALLATION. ANY MODIFICAT MANUFACTURER MAY AFFECT OF RELEASES MANUFAC THIS DOCUMENT CONTAINS CONFID THAT CANNOT BE REPRODUCED OR I WRITTEN AUTHORIZATIO

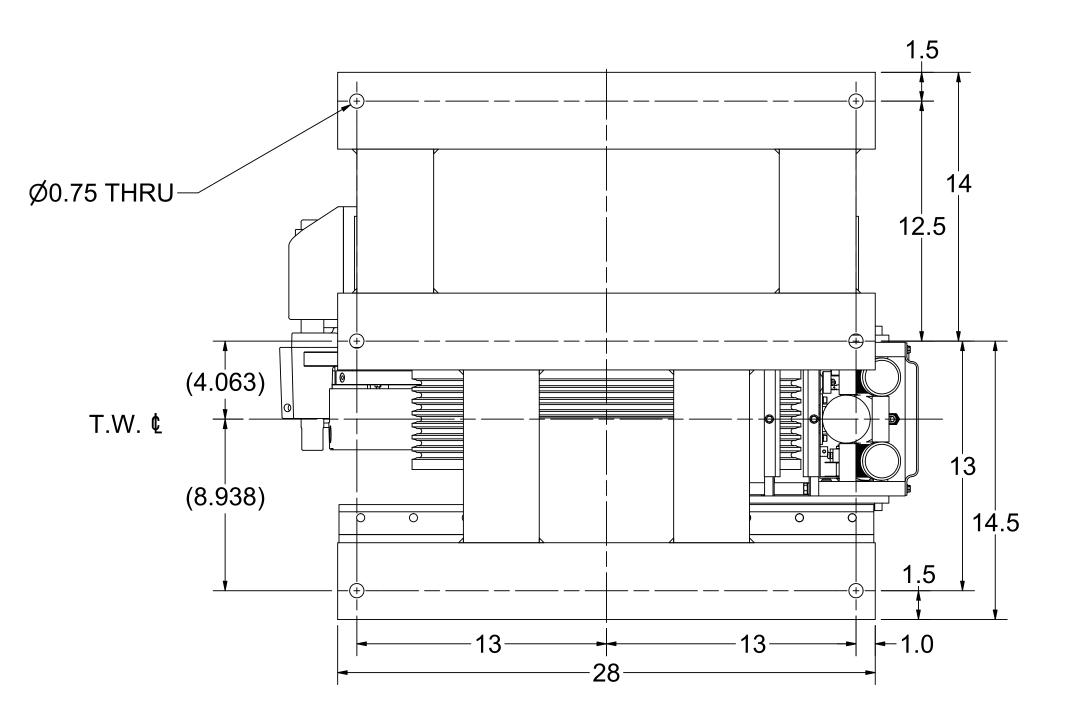


								WEIC	GHT: 2480.9 lbmass
						H	<b>OLLISTER-</b>	WHI	TNEY
							ELEVATOR C	O. LL	С
					GEAF		MACHINE, 1500# @ CB, 1250 @ 40% CI		· •
AS A REPRESEN CO. LLC ("MANI S MAY OCCUR D ICATIONS NOT A T OPERATION, \	JFACTURER") H URING MANUFA APPROVED IN W /OIDS ANY WAR	AS AGREI	ED TO AND Y	JECTION	DRAWN BY LTL	SCALE	SEE PARTS LIS	ST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
JFACTURER OF A NFIDENTIAL AND OR DIVULGED, II ATION FROM THI	PROPRIETARY	PART, WI			SHEET S	ize D	DATE 8/13/2014		GL131-620 SHEET 2 OF 2



ITEMQTYPART NUMBERDESCRIPTION11GL171B-622BASE FABRICATION - FINISHED21GL130-001BASE HOUSING, MOTOR #GL1331GL131-002ROTOR ASSEMBLY, MOTOR #GI3.11GL131-004ROTOR	
21GL130-001BASE HOUSING, MOTOR #GL1331GL131-002ROTOR ASSEMBLY, MOTOR #GL	
3 1 GL131-002 ROTOR ASSEMBLY, MOTOR #GL	U
	121
3.2 28 GL130-099 PERMANENT MAGNET - MOTO	R #GI 130
4 1 GL130A-005 BEARING CAP	
5 1 GL171-006 OUTBOARD STAND, AC GEARLE	ESS
6 1 GL100-010 20" TRACTION SHEAVE (WIDE)	
7 1 GL131-018 MAIN SHAFT	
B         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	
131GL130-090SEALED SPHERICAL ROLLER BEA141GL185-090BEARING, SEALED SPHERICAL R	
141GL185-090BEARING, SEALED SPHERICAL R154GL130-092RETAINING RING - SHAFT	OLLER
16 1 GL130-093 RETAINING RING - HOUSING	
ICIGL130-055RETAINING KING - HOOSING(C)173GL100-094-1CLAMP - STATOR ASSEMBLY	
17         3         GE100-094-1         CEANIF - STATOK ASSEMBLT           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 STANDA	RD STICKERS
D 20.1.1 1 GL130-144-115 MAYR #8; RSD8/894.510.03S 52	
20.1.2 1 142-050 BLACK VINYL CAP	
E20.1.31P-175TAG, GEARLESS MACHINE BRAN	KE AIRGAP DATA
20.1.4 1 P-190 ROTOR INSPECTION & BRAKE E	BURNISHING STICKER
20.1.5 1 P-229 CAUTION LABEL - DO NOT ADJU	UST 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	
AS GL171-157-05 OUTBOARD STAND SHIM STOC	
21 GL171-157-10 OUTBOARD STAND SHIM STOC	
GL171-157-31OUTBOARD STAND SHIM STOC221GL100-159ELECTRICAL ENCLOSURE, HOFF	
23 1 GL100-155 FELT DUST SEAL	
23         1         GE100-105         FEET D05T SEAE           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	R - 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	
C         33         3         3/8 - 16 UNC x 1         SOCKET HEAD CAP SCREW	
34 4 3/8 - 16 UNC x 0.625" WHIZ BOLT	
C 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           20         4         #C Live 0.2125         DDIV/E CODEN/	
39         4         #6 U x 0.3125         DRIVE SCREW           40         1         P-173         MOTOR TAG - PMAC GEARLESS	
41         1         P-211         TAG, GL131 - BRAKE RATINGS F           42         2         622-041-GL         MOUNTING ANGLE, GL171-622	
43 6 1/2-13 UNC x 1.25 FLANGE HEAD HEX BOLT	
44 6 1/2 - 13 UNC x 1.25 FLANGE HEAD HEX BOLT	
45 1 622 NOT INCLUDED, SHOWN FOR C	CLARITY ONLY
	WEIGHT: 2458.5 lbmass
E UPDATE BRAKE PARTS LTL C WAS 6X, REMOVE 6X 3/8 LTL HOLLIST	ER-WHITNEY
MAYR #8275066 WAS LTL RELEVA	TOR CO. LLC
	1500#@50%CB 1350#@45%
C 3X GL100-094-1 WAS 1X LTL A PRODUCTION RELEASE, LTL GEARLESS MACHINE, 2	<u> </u>
C       3X GL100-094-1 WAS 1X       LTL       A       PRODUCTION RELEASE, LTL       GEARLESS MACHINE, CB, 1250 @         C       3X GL100-094, 3X 3/8x1HHCS 6/5/19       A       PRODUCTION RELEASE, LTL       GEARLESS MACHINE, CB, 1250 @         THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT       THURD ANOLE DROUGE CTION       DRAWN SCALE IMATERIAL	40% CB 1:1 ROPED
C       3X GL100-094-1 WAS 1X       LTL       PRODUCTION RELEASE, LTL       GEARLESS MACHINE, CB, 1250 @         C       3X GL100-094, 3X 3/8x1HHCS 6/5/19       A       PRODUCTION RELEASE, LTL       GEARLESS MACHINE, CB, 1250 @         THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT       HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO       THIRD ANGLE PROJECTION       DRAWN       SCALE       MATERIAL	40% CB 1:1 ROPED REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE
C       3X GL100-094-1 WAS 1X       LTL       A       PRODUCTION RELEASE, LTL       GEARLESS MACHINE, CB, 1250 @         C       3X GL100-094, 3X 3/8x1HHCS 6/5/19       A       PRODUCTION RELEASE, LTL       GEARLESS MACHINE, CB, 1250 @         THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT       HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO       THIRD ANGLE PROJECTION       DRAWN       SCALE       MATERIAL         SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND       THIRD ANGLE PROJECTION       DRAWN       SCALE       MATERIAL         BY       LTL       1/6       SEE PA	40% CB 1:1 ROPED REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED GL131-622

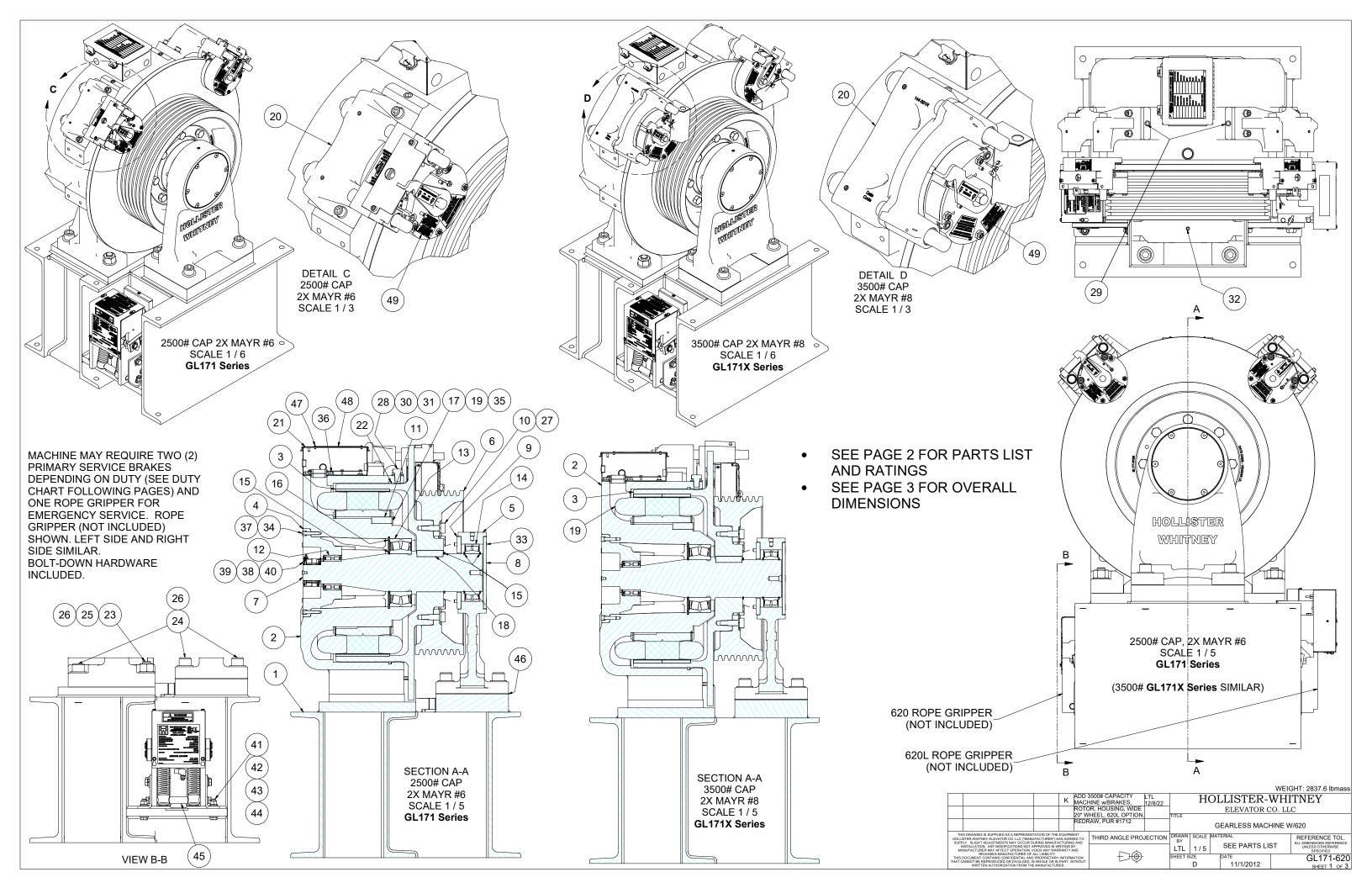


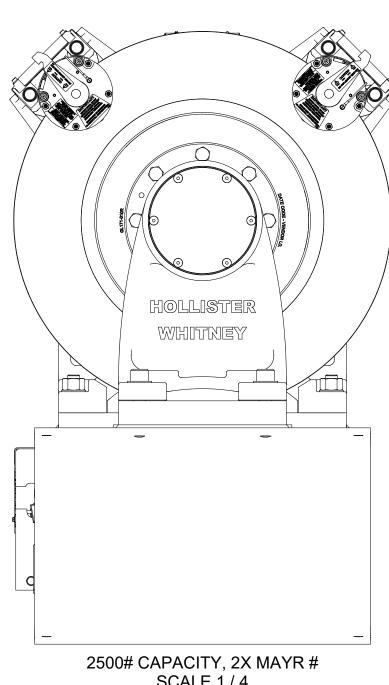


THIS DRAWING IS SUPPLIED AS A I HOLLISTER-WHITNEY ELEVATOR CO. SUPPLY. SLIGHT ADJUSTMENTS MA' INSTALLATION. ANY MODIFICAT MANUFACTURER MAY AFFECT OP RELEASES MANUFAC THIS DOCUMENT CONTAINS CONFIDI THAT CANNOT BE REPRODUCED OR D WRITTEN AUTHORIZATION

### SEE OTHER SIDE FOR REVISIONS

									WEI	GHT: 2458.5 lbmass
							H	<b>OLLISTER-</b>	WHI	TNEY
								ELEVATOR	CO. LL	С
						GEAF		MACHINE, 1500# CB, 1250 @ 40% C		CB, 1350# @ 45% OPED
CO. LLC ("MANU	TATION OF THE UFACTURER") H URING MANUFA	AS AGRE	ED TO	THIRD ANGLE PROJ	IECTION	DRAWN BY	SCALE	MATERIAL	<b>~</b>	REFERENCE TOL. ALL DIMENSIONS REFERENCE
	APPROVED IN W OIDS ANY WAR			7		LTL	1/5	SEE PARTS L	ST	UNLESS OTHERWISE SPECIFIED
IFIDENTIAL AND OR DIVULGED, II	) PROPRIETARY N WHOLE OR IN E MANUFACTUR	PART, W		t to		SHEET S	IZE D	DATE 8/13/2014		GL131-622 SHEET 2 OF 2





0	1	GL103-019	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
		GL181-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
19	1	GL171-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL), SEE BELOW
	1	GL130-144	DISC BRAKE (MAYR #8) - THRU 1875# CAP 50% CB
20	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		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
		GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
46	AS NEC.	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
.5	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6

ITEM

1

2

3

4

5

6

7

8

QTY

1

1

1

1

1

1

1

1

PART NUMBER DESCRIPTION

BASE FABRICATION - FINISHED

BASE HOUSING, MOTOR #GL170

BASE HOUSING, MOTOR #GL181

OUTBOARD STAND, AC GEARLESS

20" SHEAVE, 7 x 1/2" ROPE MAX

BEARING CAP

MAIN SHAFT END CAP

ROTOR ASSEMBLY, MOTOR #GL171, to 2500# CAP 50% CB

ROTOR ASSEMBLY, MOTOR #GL181, to 3500# CAP 50% CB

GL171B-620

GL170-001

GL180-001 GL171-002

GL181-002

GL130-005

GL171-006

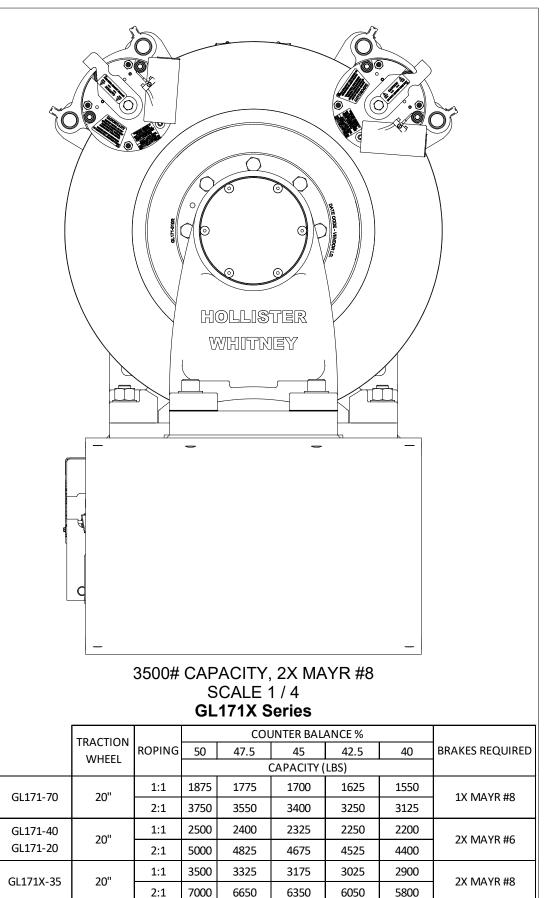
GL171-010

GL171-018

GL185-019

SCALE 1/4 GL171 Series

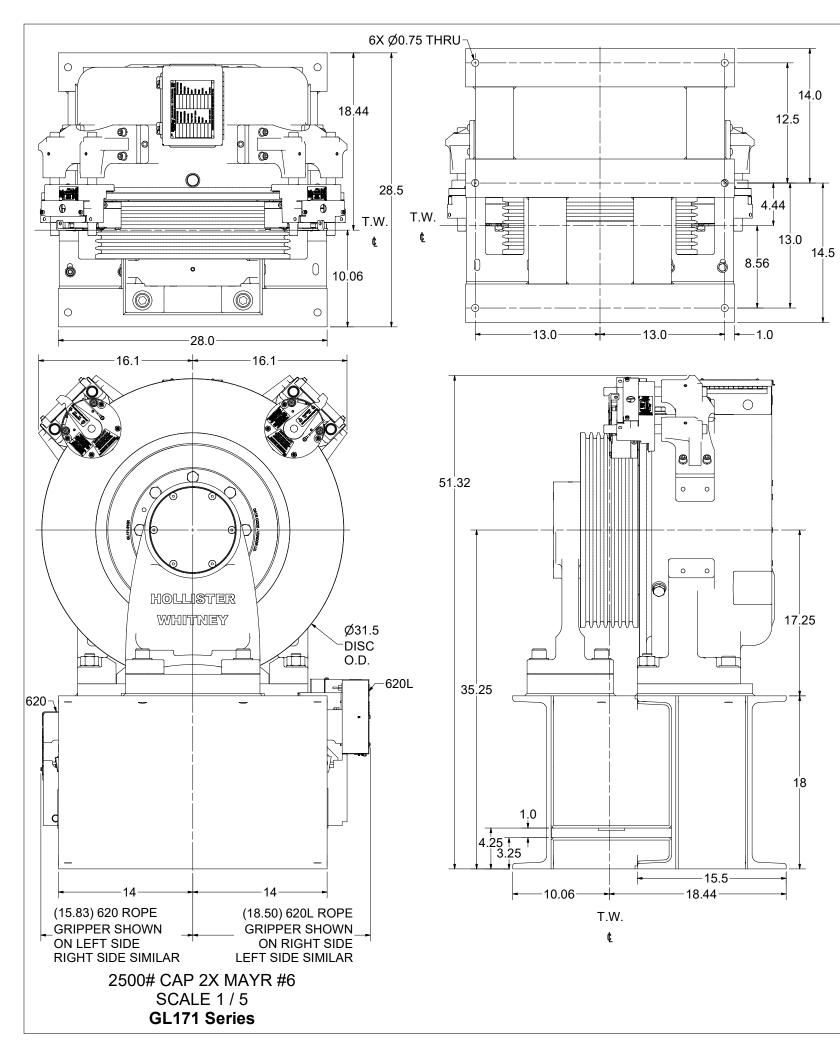
			THESE A	PPLICATIC	ONS USING WIN	DINGS DESIGN	NED FOR 1:1				
							ROPED 1:1			ROPED 2:1	
		COIL/WINDING	FRAME/MAGNET	VOLTAGE	MACHINE	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED
MACHINE #	WINDING P/N	EFFICIENCY (%)	SIZE (mm)	(Vac)	SPEED (rpm)	20" (fpm)	15.75" (fpm)	15" (fpm)	20" (fpm)	15.75" (fpm)	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 A	PPLICATIC	ONS USING WIN	DINGS DESIGN	NED FOR 2:1				
							ROPED 1:1		ROPED 2:1		
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

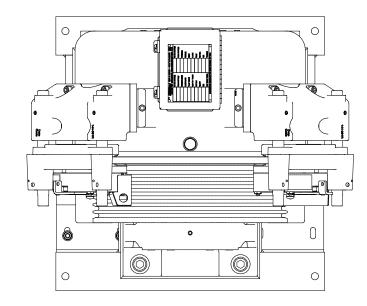


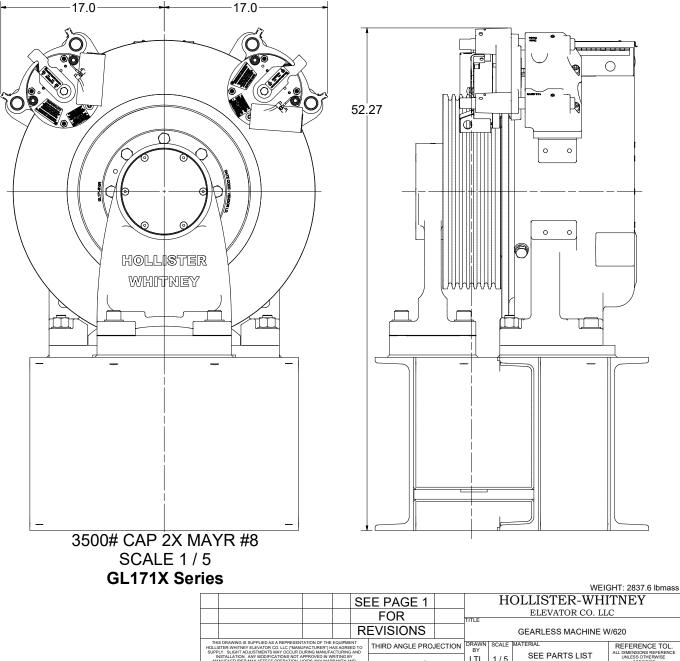


6050 6650 6350 5800 WEIGHT: 2837.6 lbmass 

			SE	E PAGE 1			HOLLISTER-WHITNEY						
				FOR			ELEVATOR CO. LLC						
			R	EVISIONS				GEARLESS MACH	HINE W	//620			
AS A REPRESENTATION OF THE EQUIPMENT CO. LLC ("MANUFACTURER") HAS AGREED TO S MAY OCCUR DURING MANUFACTURING AND			ED TO	THIRD ANGLE PROJECTION		DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.			
CT OPERATION, V	TIONS NOT APPROVED IN WRITING BY PERATION, VOIDS ANY WARRANTY AND TURER OF ALL LIABILITY			-		LTL	1/4	SEE PARTS LI	51	UNLESS OTHERWISE SPECIFIED			
INFIDENTIAL AND	THAC TURKER OF ALL WINDERT OF THE AND THE ANALYSIS AND THE ANALYSIS AND THE MANUFACTURER.					SHEET S	IZE	DATE		GL171-620			
ATION FROM THE						D	11/1/2012		SHEET 2 OF 3				

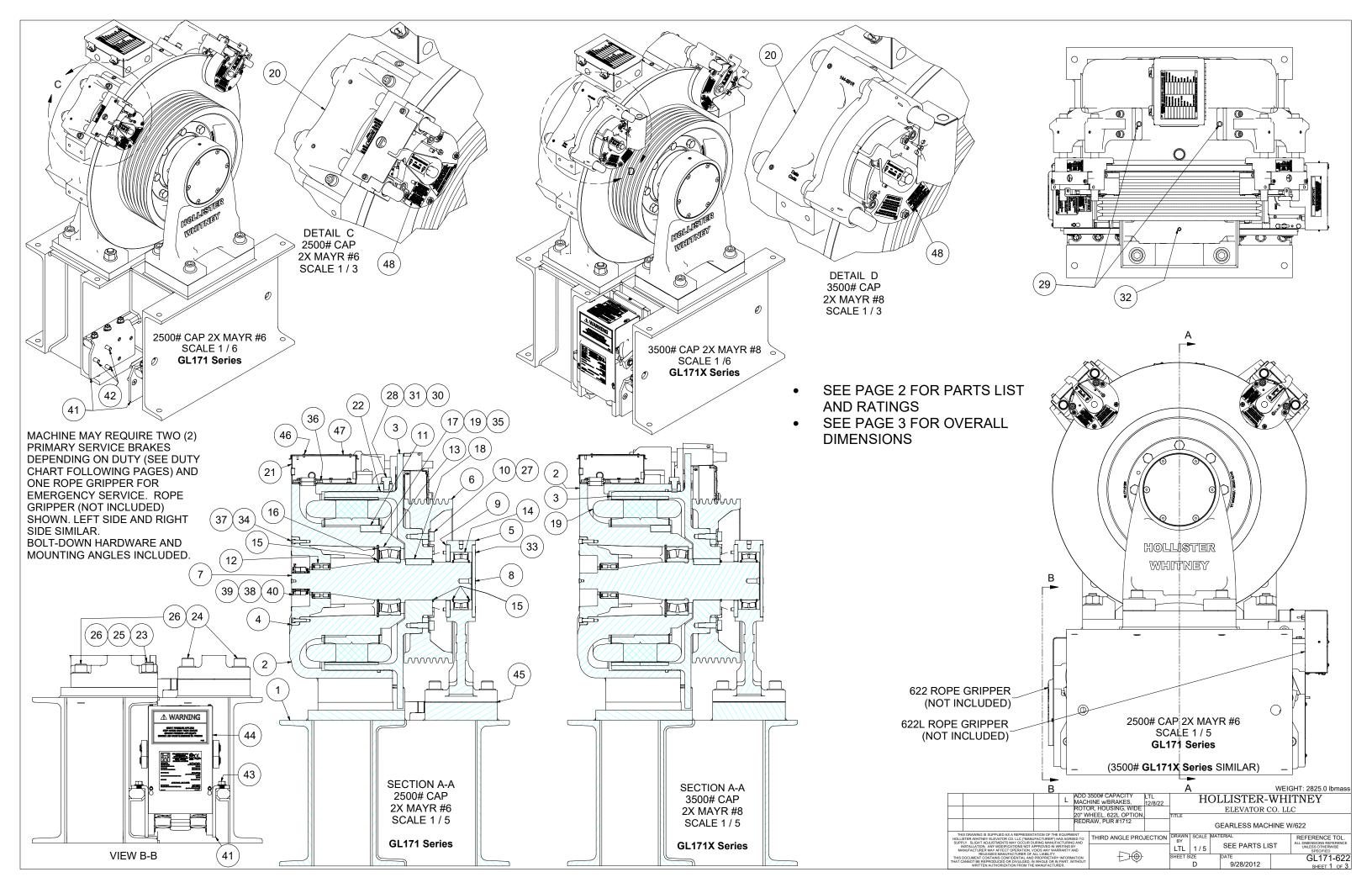


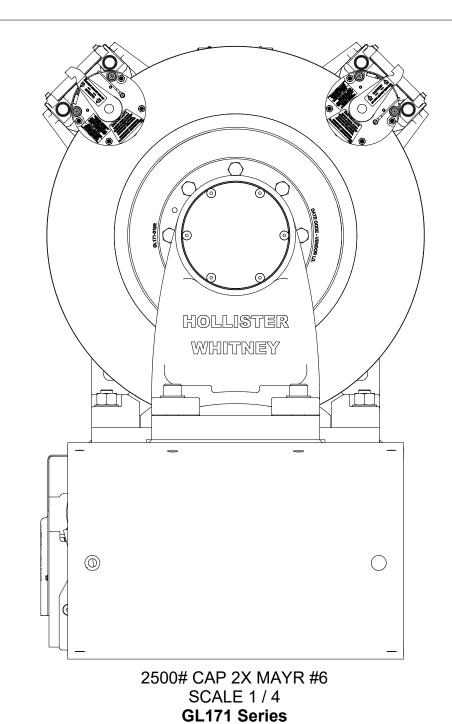




SUPPLY. SLIGHT ADJUSTM INSTALLATION. ANY M MANUFACTURER MAY A RELEASES I THIS DOCUMENT CONTAINS HAT CANNOT BE REPRODU WRITTEN ALITH

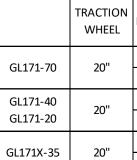
						1					
LLC ("MANU	ATION OF THE IFACTURER*) H	AS AGRE	ED TO	THIRD ANGLE PRO	JECTION	DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.	Ì
ONS NOT A ERATION, V	PPROVED IN W OIDS ANY WAR	RITING B	Y	~ ~		LTL	1/5	SEE PARTS LIS	ST	UNLESS OTHERWISE SPECIFIED	
ENTIAL AND	PROPRIETARY			∣ <del>↓</del> )⊕		SHEET S	ZE	DATE		GL171-620	j
	MANUFACTUR		IIHOUI	- +			D	11/1/2012		SHEET 3 OF 3	



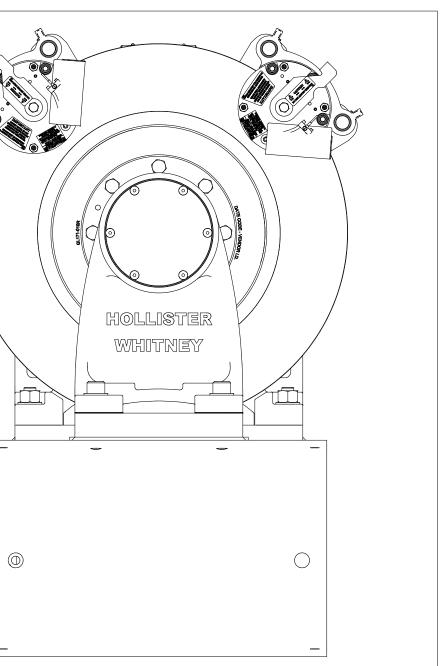


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	GL171B-622	BASE FABRICATION - FINISHED
		GL170-001	BASE HOUSING, MOTOR #GL170
2	1	GL180-001	BASE HOUSING, MOTOR #GL181
		GL171-002	ROTOR ASSEMBLY, MOTOR #GL171, to 2500# CAP 50% CB
3	1	GL181-002	ROTOR ASSEMBLY, MOTOR #GL181, to 3500# CAP 50% CB
4	1	GL130-005	BEARING 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
10	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
13	-		
14	1	GL185-090	BEARING, SEALED SPHERICAL ROLLER
	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
		GL181-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
19	1	GL171-100	WINDING ASSEMBLY - 28 POLE, 1:1 Application
		GL170-100	WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL), SEE BELOW
	1	GL130-144	DISC BRAKE (MAYR #8) - THRU 1875# CAP 50% CB
20	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
		GL171-157-05	OUTBOARD STAND SHIM STOCK - 0.005"
45	AS	GL171-157-10	OUTBOARD STAND SHIM - 0.010"
	NEC.	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
40	1 or 2	P-242	TAG, GL171 OR GL181 - BRAKE RATINGS FOR MAYR #8
48	2	P-212	TAG, GL171 - BRAKE RATINGS FOR MAYR #6

	THESE APPLICATIONS USING WINDINGS DESIGNED FOR 1:1												
							ROPED 1:1		ROPED 2:1				
MACHINE #	WINDING P/N	COIL/WINDING	FRAME/MAGNET	VOLTAGE	MACHINE	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED		
MACHINE #	WINDING P/N	EFFICIENCY (%)	SIZE (mm)	(Vac)	SPEED (rpm)	20" (fpm)	15.75" (fpm)	15" (fpm)	20" (fpm)	15.75" (fpm)	15" (fpm)		
GL171-20L	GL171-170-200	87	170	170	38.2	200	158	150	100	79	75		
GL171-20H	GL171-360-200	171-360-200 87 170 360 38.2					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												
							ROPED 1:1		ROPED 2:1				
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		



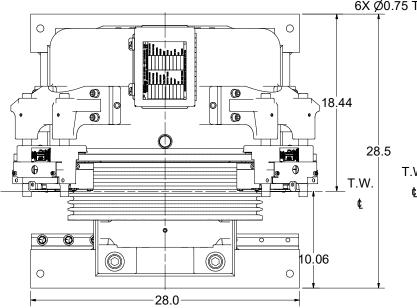
THE DRAWING IS SUPPLIE HOLLISTER-WHTNEY ELEVAT INSTALLATION. ANY INC MANUFACTURER MAY FRA THE DOCIMER TELESES IM THAT CANNOT BE REPRODUCE

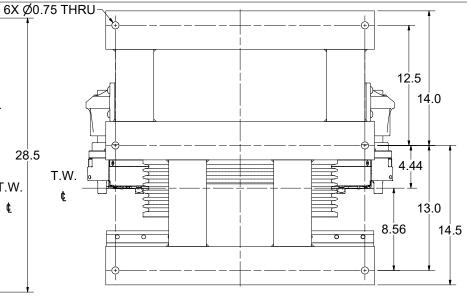


#### 3500# CAP 2X MAYR #8 SCALE 1 / 4 **GL171X Series**

		COL	JNTER	BAL	ANCE %					
ROPING	50	47.5	45	5	42.5	40	BRAKES REQUIRED			
		(								
1:1 1875		1775	170	00	1625	1550	1X MAYR #8			
2:1 3750		3550	3550 3400		3250	3125	TV IVIATE #0			
1:1	2500	2400	232	25	2250	2200	2X MAYR #6			
2:1	5000	4825	467	75	4525	4400	2X WATK #0			
1:1	3500 3325		317	75	3025	2900	2X MAYR #8			
2:1	2:1 7000 6650 63			50	6050	5800	27 1014 11 #0			
							WEIGHT: 2825.0 lbmass			
		SEE PAG	E 1		HOLLISTER-WHITNEY					
		FOR			ELEVATOR CO. LLC					
		REVISIO	NS		GEARLESS MACHINE W/622					

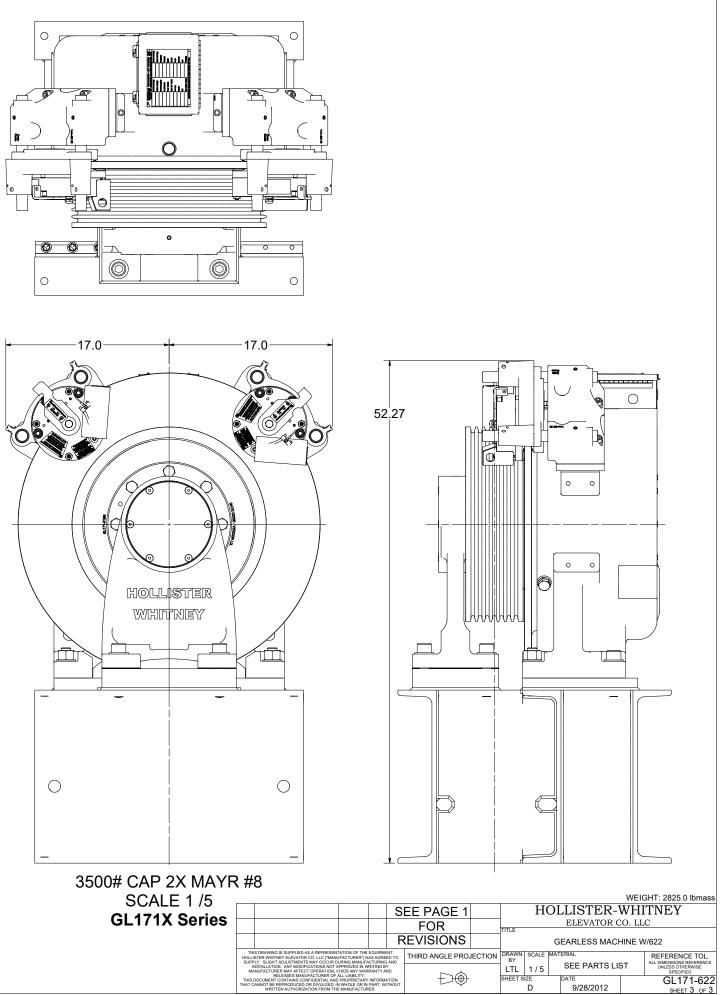
						WEIG	3H1: 2825.0 lbmass				
			SE	E PAGE 1		HOLLISTER-WHITNEY					
				FOR		ELEVATOR CO. LLC					
			RE	EVISIONS		GEARLESS MACHINE W/622					
AS A REPRESENT OR CO. LLC ("MANU	JFACTURER*) H	AS AGRE	ED TO	THIRD ANGLE PROJ	IECTION	DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.	
ITS MAY OCCUR DURING MANUFACTURING AND IFICATIONS NOT APPROVED IN WRITING BY CCT OPERATION, VOIDS ANY WARRANTY AND VUFACTURER OF ALL LIABILITY.				$\square \oplus$		LTL	1/4	SEE PARTS LI	51	UNLESS OTHERWISE SPECIFIED	
ONFIDENTIAL AND D OR DIVULGED, IN	CTURER OF ALL LIABILITY. DEVILAGED, IN WHOLE OR IN PART, WITHOUT DIVULGED, IN WHOLE OR IN PART, WITHOUT DIVULGED, IN WHOLE OR IN PART, WITHOUT							GL171-622 SHEET 2 OF 3			

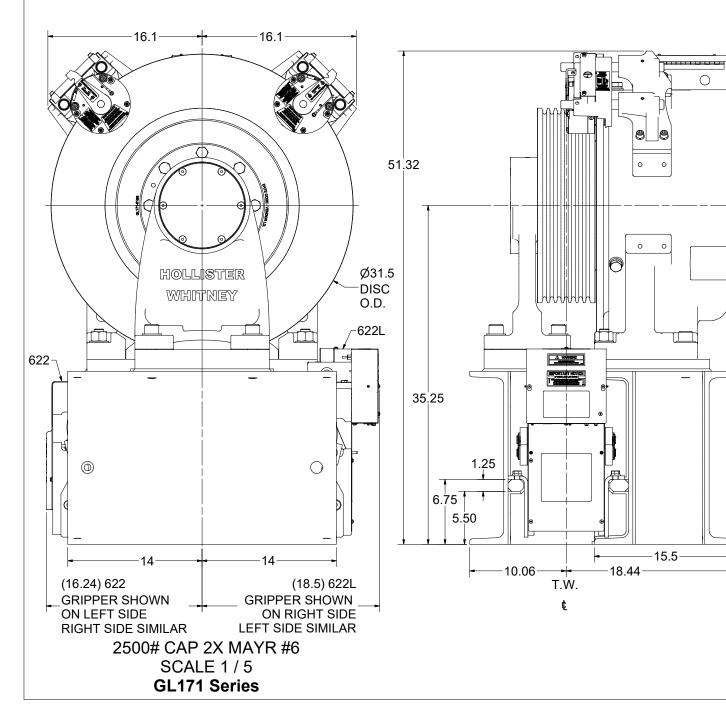


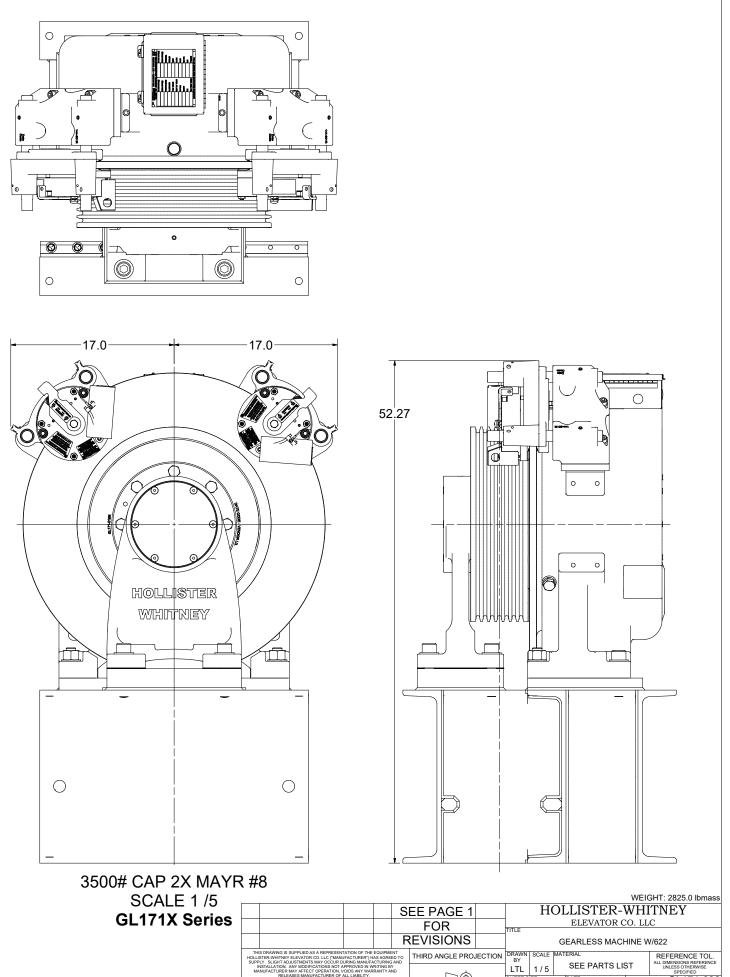


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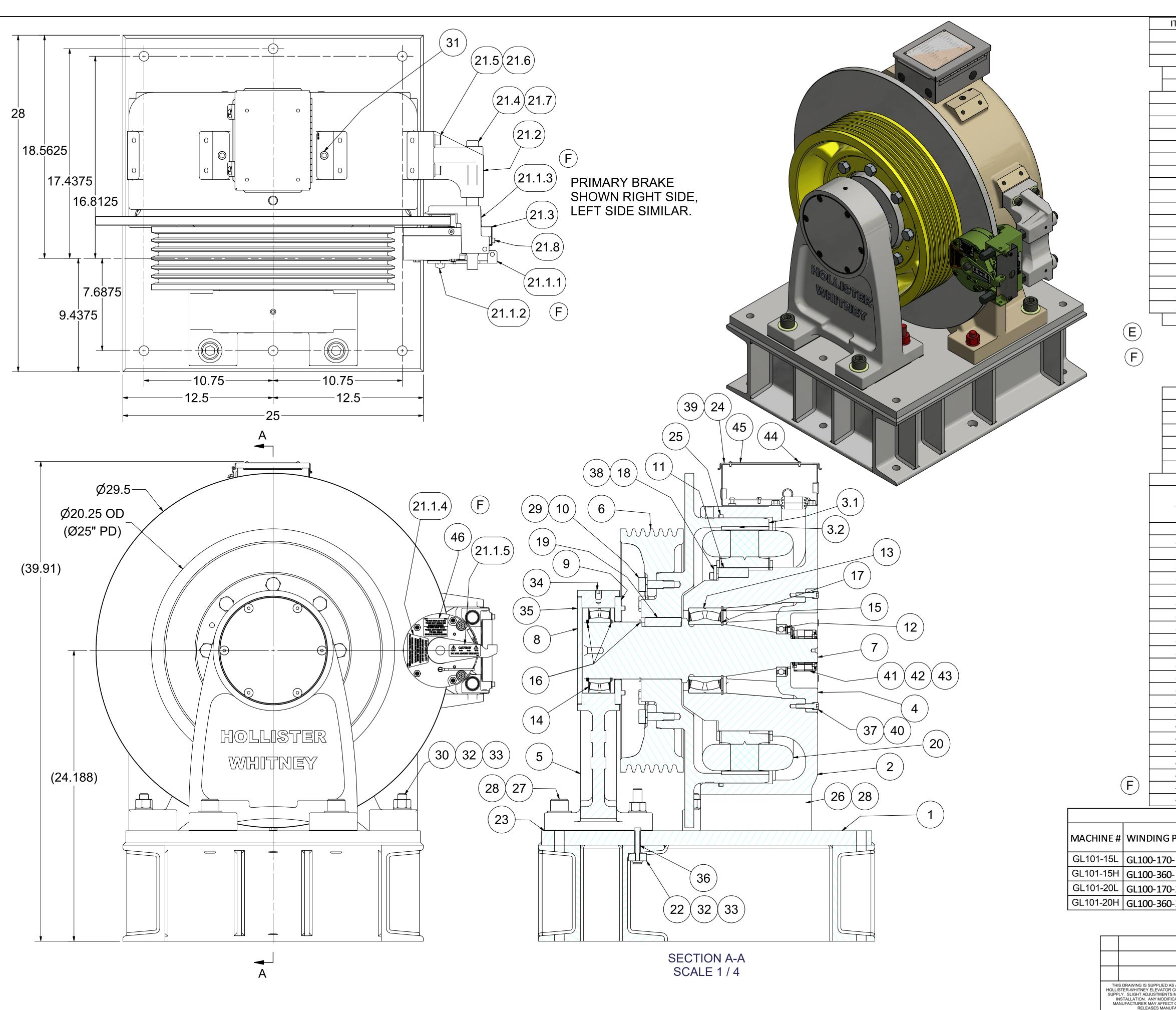






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9/28/2012



THIS DRAWING IS SUPPLIED AS A R HOLLISTER-WHITNEY ELEVATOR CO. I SUPPLY. SLIGHT ADJUSTMENTS MAY INSTALLATION. ANY MODIFICATI MANUFACTURER MAY AFFECT OPE RELEASES MANUFACT THIS DOCUMENT CONTAINS CONFIDE THAT CANNOT BE REPRODUCED OR DI WRITTEN AUTHORIZATION

ITEM		QTY			PART NUMBER		DESCRIP	TION							
1		1			GL101BS-01			G BASE, BASEME							
2		1			GL100-001			USING, MOTOR #							
3		1			GL101-002			SSEMBLY, MOTOR	R #GL101						
3.1		1			GL101-004 GL100-099			ENT MAGNET - M							
	_	28 1			GL100-099 GL260-005		BEARING		UTUK #GL100						
5		1			GL200-005			RD STAND, AC GE	ARIFSS						
6		1			GL100-010			VE, 6 x 1/2" ROPE							
7		1			GL101-018		MAIN SH								
8		1			GL185-019		END CAP								
9		1			GL171-020		BEARING END CAP								
10		8			GL100-073		BODY BO	IT							
11		1			GL100-088			TOR CORE TO BAS							
12		1			GL185-089			6, SEALED SINGLE		DOVE BALL					
13		1			GL100-090		_	, Sealed Spherica							
14 15		1			GL185-090 GL100-092			6, SEALED SPHERIC NG RING - SHAFT	AL ROLLER						
15		1			GL100-092 GL130-092			NG RING - SHAFT							
10		1			GL130-092 GL100-093			NG RING - HOUSI	NG						
18		3			GL100-094-1			STATOR ASSEMBL							
19		1			GL100-095			TOR TO SHAFT							
20		1	$\top$		GL100-100			G ASSEMBLY							
21		1			GL100-146		DISC BRA	KE (MAYR #6) - M	RL						
21.	1	1			GL100-146-115S		MAYR #6	BRAKE WITH STA	NDARD STICKE	RS					
2	1.1.1	1			GL100-146-115		MAYR #6	RSD6/894.510.03	s 52V #8275067	7					
	1.1.2				142-050 BLACK VINYL CAP										
	1.1.3				P-175		-	ARLESS MACHINE							
	1.1.4														
	1.1.5				P-229				ADJUST THIS N	IUT					
21. 21.		1			142-001 146-003		BRAKE B		~ A I						
21.		1 2			146-003		BRAKE R	MAYR #6 ELECTRI	LAL						
21.		4			1/2-13 UNC x 2			HEAD CAP SCREW							
21.		4			1/2" WASHER			RD WASHER							
21.		2			3/8-16 UNC x 0.375		SET SCRE								
21.	8	2			M6 x 1.00 x 8mm		SHCS - Metric								
22		1			GL171BS-156-5		SHIPPING	G BOLT							
					GL171-157-05		OUTBOA	RD STAND SHIM S	ТОСК - 0.005"						
23		AS NE	с. 🗌		GL171-157-10		OUTBOA	RD STAND SHIM -	0.010"						
					GL171-157-31		OUTBOA	RD STAND SHIM S	ТОСК - 0.031"						
24		1			GL100-159			CAL ENCLOSURE, H	IOFFMAN A806	5CH - MODIFIED					
25		1			GL100-165		FELT DUS								
26		2			1-8UNCx4			HEAD CAP SCREW							
27 28		2 4			1 - 8 UNC x 3.5 1" WASHER		SAE WAS								
20		8		1121	OCKWASHER - DIN	1278									
30		2			3/4-10 X 5	1270	HEX HEA								
31		2			3/4-10 UNCx0.875			G SET SCREW							
32		4			3/4 - 10 UNC		HEAVY H								
33		6			3/4 WASHER		SAE WAS								
34		1			1/2-13 UNCx0.75		HALF DO	G SET SCREW							
35		6			3/8-16 UNC x 4		FLAT HEA	AD CAP SCREWS							
36		1			3/8-16 X 2.5"		HEX HEA								
37		6			3/8 - 16 UNC x 1.5			HEAD CAP SCREW							
38		3			3/8 - 16 UNC x 1										
39		4	+	3	3/8 - 16 UNC x 0.625		WHIZ BO		<u>,</u>						
40 41		6	+		0.375 WASHER			EW LOCK WASHEF							
41 42		1 4	+		ECN 113 52810061 #8-32 x 1/4			EIDENHAIN ENCO HEAD CAP SCREW							
42		4	+		#8-32 x 1/4 #8 WASHER			TH LOCKWASHER							
43		4	+		#6 U x 0.3125										
45		1	+		P-173	DRIVE SCREW MOTOR TAG - PMAC GEARLESS MACHINE									
46		1	$\top$		P-210			.01 - BRAKE RATIN							
		1.1	1 D D		TIONS USING 2:	1 \\//I									
						-									
P/N		-			FRAME/MAGNE				CAR SPEED						
		ICIEN		<u>%)</u>	SIZE (mm)		(Vac)	SPEED (rpm)	20" (fpm)						
)-150		87.			100		170	76.4	400						
)-150		87.	1		100		360	76.4	400						
)-200		89.2	2		100		170	101.9	533						
)-200		89.	3		100		360	101.9	533						
									WEIG	HT: 2010.4 lbmass					
								HOLLIST	ER-WHI	ГЛЕҮ					
			F		TE BRAKE PARTS L & TAGS, PUR #1260 1	TL 2/19/19	)   TITI E	ELEVA	TOR CO. LLC	2					
			_			TL		ESS MACHINE, 1	100# @ 50% 0	CB 1000#@45%					

		F		TE BRAKE & TAGS, PU		LTL 12/19/19			ELEVATOR C	CO. LL	С	
			MAYF	R #8275067 1863, PUR #	WAS	LTL 12/9/19	│ GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 4					
A REPRESENTATION OF THE EQUIPMENT CO. LLC ("MANUFACTURER") HAS AGREED TO MAY OCCUR DURING MANUFACTURING AND CATIONS NOT APPROVED IN WRITING BY OPERATION. VOIDS ANY WARRANTY AND							DRAWN BY	SCALE	MATERIAL SEE PARTS LI		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
FACTURER OF A FIDENTIAL AND R DIVULGED, IN		INFORM PART, W	ATION	-	$\bigcirc \oplus$		SHEET S	IZE D	DATE 5/21/2014		GL101BS SHEET 1 OF 3	

				PARTS LIST	
	ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
	1	1	GL101BS	GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB	2003.296 lbmass
$\frown$	2	1	GL101BS-156	FOUNDATION PLATE ASSEMBLY - GL101 BASEMENT SET	586.316 lbmass
( <b>C</b> )	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 2) REMOV DISCARD 3) SET MA PLACE WA ONTO STU 4) INSTALL 5) TIGHTE GRADE 5 S

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

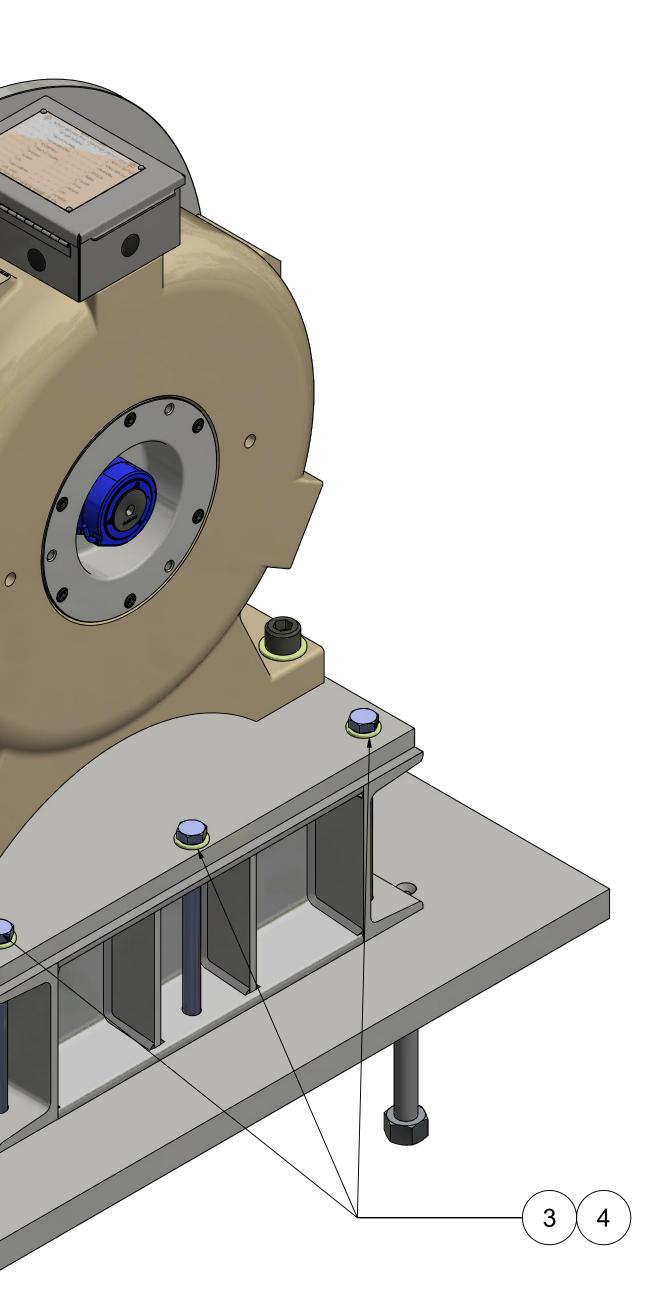
1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2) 2) REMOVE FOUR (4) 3/4" SHIPPING BOLTS AND DISCARD

(2)

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")

# SUPPLIED FOUNDATION PLATE FOR NEW-POUR



				PARTS LIST	
	ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
	1	1	GL101BS	GEARLESS MACHINE, 1100# @ 50% CB, 1000# @ 45% CB, 900# @ 40% CB	2003.296 lbmass
$\frown$	2	1	GL101BS-156A	FOUNDATION PLATE ASSEMBLY - GL101 BASEMENT SET	560.482 lbmass
(C)	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 (LOCATIONS), PLACE MACHINE-OVER 1" MOUNTING STUDS

## -(3)(4)

2

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,

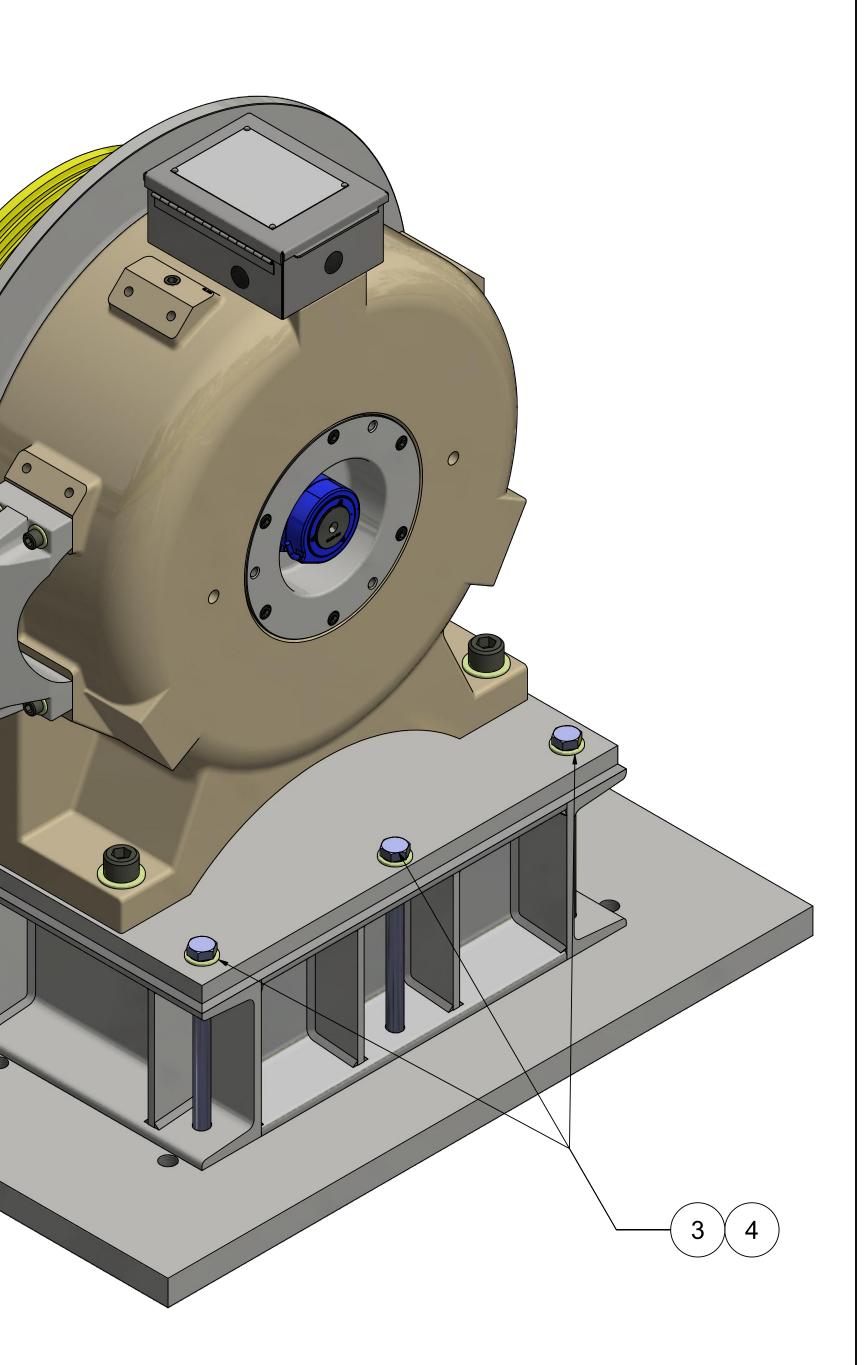
PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS

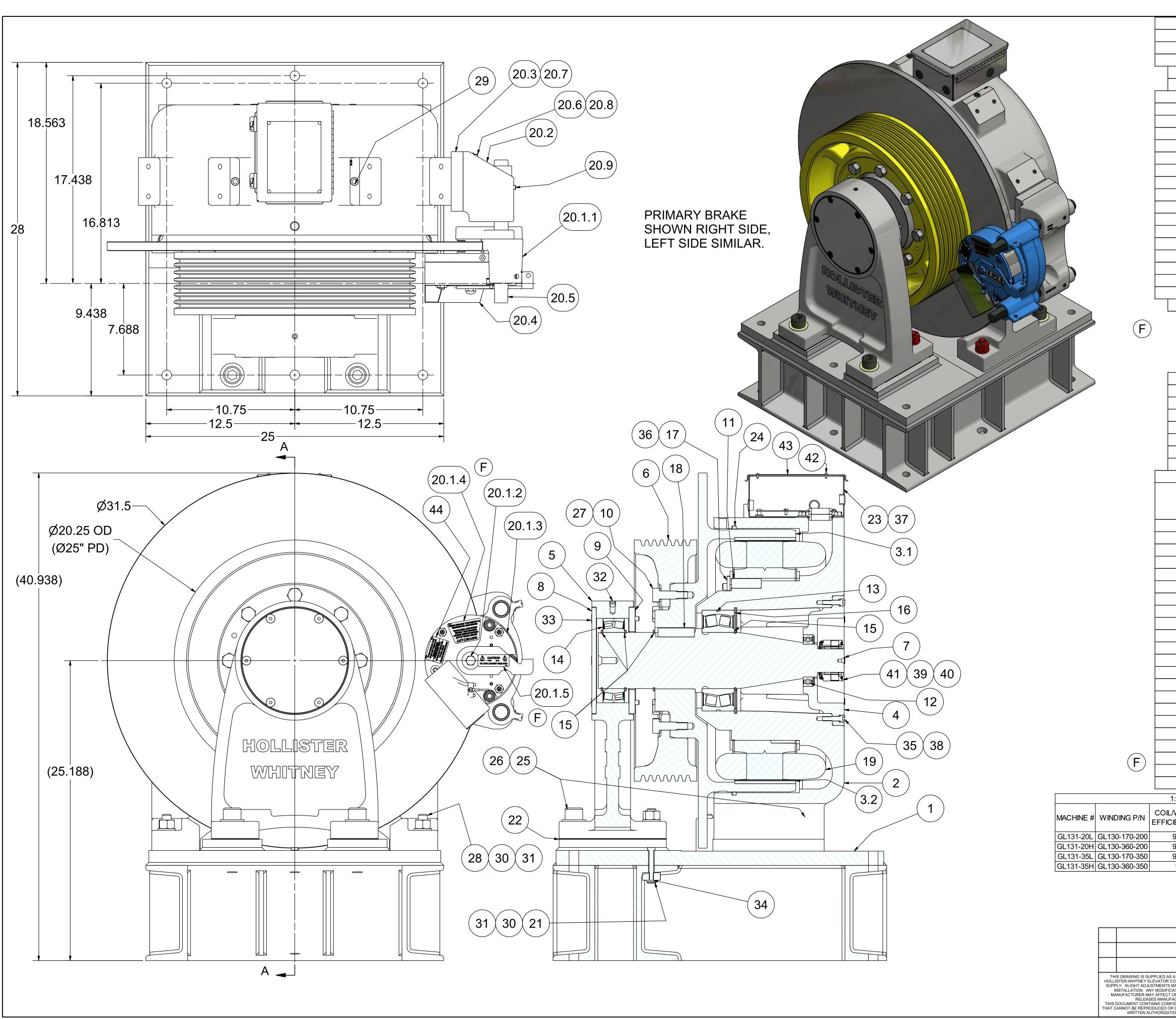
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.

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")

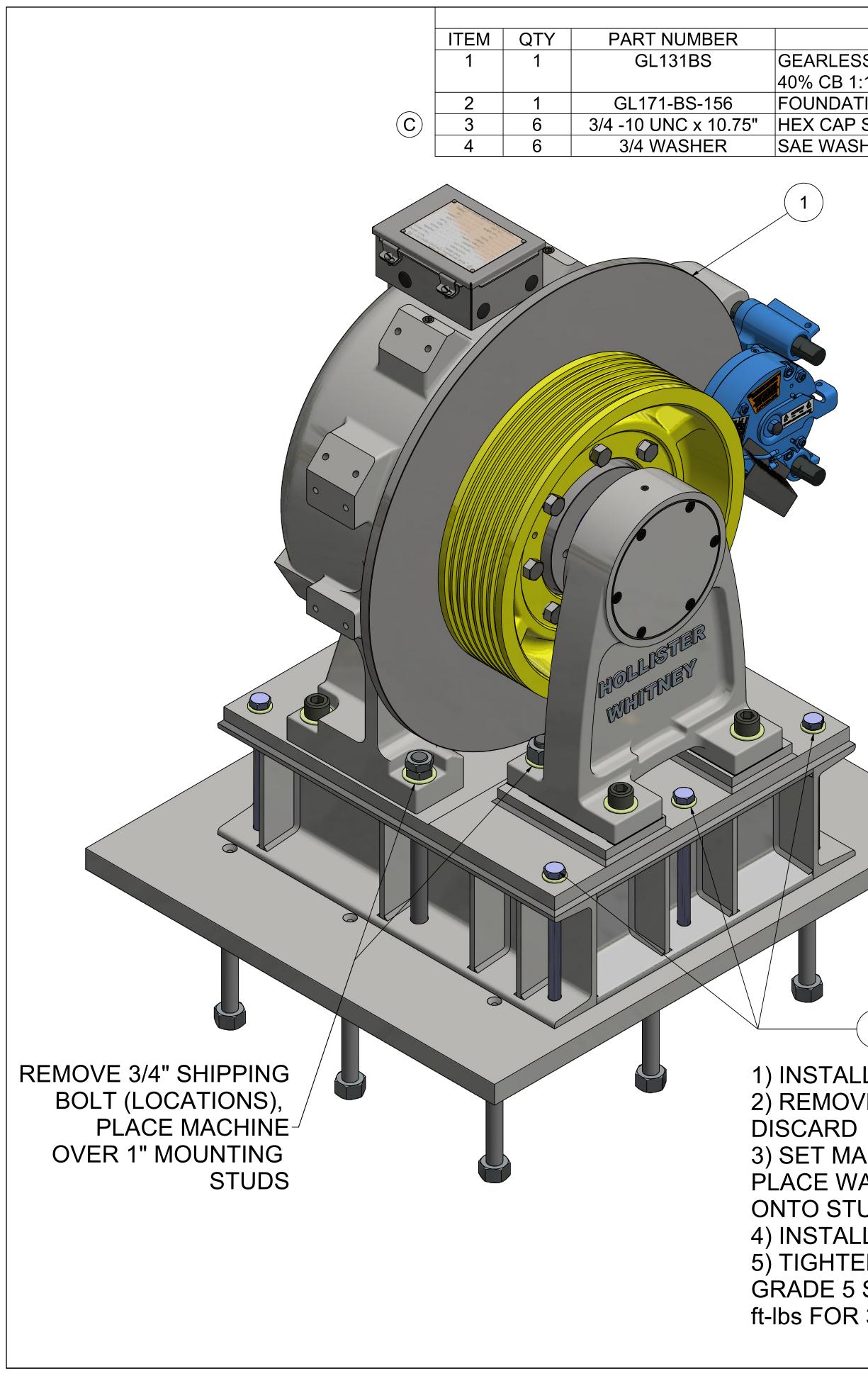
## SUPPLIED FOUNDATION PLATE FOR SECURING TO EXISTING STRUCTURE





ITEM		QTY		PART NU	MBER	DESCRIPTIO	N						
1		1	_	GL171BS			ASE, BASEMENT SET, GL131 & GL171						
2		1	_	GL130-0			NG, MOTOR #GL130						
3		1	_	GL131-0			MBLY, MOTOR #GL131						
3.1 3.2		1		GL131-0		ROTOR							
<u> </u>		28 1		GL130-0 GL130A-		BEARING CA	T MAGNET - MOTOR #GL130						
5		1		GL130A- GL171-(			P STAND, AC GEARLESS						
6		1		GL100-0			N SHEAVE (WIDE)						
7		1		GL131-(		MAIN SHAFT	· · · · ·						
8		1		GL185-0		END CAP							
9		1		GL171-0	020	BEARING EN	D CAP						
10		8		GL100-0	)73	BODY BOLT							
11		1		GL100-0	)88	KEY - STATO	R CORE TO BASE						
12		1		GL185-0	)89	BEARING, SE	ALED SINGLE ROW DEEP GROOVE BALL						
13		1		GL130-0	)90	SEALED SPHI	ERICAL ROLLER BEARING						
14		1	-	GL185-0			ALED SPHERICAL ROLLER						
15		4	_	GL130-0			RING - SHAFT						
16		1		GL130-0			RING - HOUSING						
17		3	-	GL100-09									
18		1		GL100-0		KEY - ROTOR							
19 20		1 1		GL130-1 GL130-1			SSEMBLY - 28 POLE (MAYR #8) - MRL						
20		 1		GL130-144			(MAYR #8) - MRL AKE WITH STANDARD STICKERS						
	.1.1	1		GL130-144 GL130-144			D8/894.510.03S 52V #8275066						
	.1.2	1		142-05		BLACK VINYI	-						
	.1.3	1		P-175			ESS MACHINE BRAKE AIRGAP DATA						
	.1.4	1		P-190			ECTION & BRAKE BURNISHING STICKER						
20.	.1.5	1		P-229	)	CAUTION LA	BEL - DO NOT ADJUST THIS NUT						
20.2		1		144-00	)1	BRAKE BASE							
20.3		1		144-00	)2	ADAPTOR PL	ATE - BRAKE BASE						
20.4		1	_	144-00	)3	COVER - MA	YR #8 ELECTRICAL						
20.5		2	_	144-02		BRAKE ROD							
20.6		4	•	/2 - 13 UN		HEX HEAD C							
20.7		4	1	./2 - 13 UN			Hexagon Socket Flat Countersunk Head Cap Screw						
20.8 20.9		4		1/2" WAS			STANDARD WASHER						
20.9		2	3,	/8-16 UNC GL171BS-		SHIPPING BC	cket Set Screw - Flat Point						
21				GL17153-			STAND SHIM - 0.005"						
22		As		GL171-15			STAND SHIM - 0.010"						
		Nec.		GL171-15			STAND SHIM - 0.031"						
23		1		GL100-1	159	ELECTRICAL	ENCLOSURE, HOFFMAN A806CH - MODIFIED						
24		1		GL100-2	L65	FELT DUST SI							
25		4		1 - 8 UNC :	x 3.5"	SOCKET HEA	D CAP SCREW						
26		4		1" WASI	HER	SAE WASHE	۲						
27		8	M18 L0	DCKWASH	ER-DIN 127B	HELICAL SPR	ING LOCK WASHER - BODY BOLT						
28		2		3/4-10>		HEX HEAD BO							
29		2		3/4-10 UN		HALF DOG SI							
30		4		3/4 - 10		HEAVY HEX I							
31		6		3/4 WAS		SAE WASHE							
32		<u>1</u>		1/2-13 UN		HALF DOG SI							
<u> </u>		6		3/8-16 UN		FLAT HEAD C							
<u> </u>		1 8		3/8-16 X		HEX HEAD BO							
35		<u>8</u> 3		3/8 - 16 UN 3/8 - 16 UI			D CAP SCREW D CAP SCREW						
37		<u> </u>		378 - 16 UNC 8 - 16 UNC		WHIZ BOLT							
38				0.375 WA			LOCK WASHER						
39		4		#8-32 x 1			D CAP SCREW						
40		4		#8 WAS	-	-	LOCKWASHER						
41		1	E	CN 113 52		50mm HEIDE	ENHAIN ENCODER						
42		4		#6 U x 0.3	3125	DRIVE SCREV	N						
43		1		P-173	3	MOTOR TAG	- PMAC GEARLESS MACHINE						
44		1		P-212	L	TAG, GL131 -	BRAKE RATINGS FOR MAYR #8						
1:1 APPL	ICATI	ONS	USING 2:1	WINDINGS		]							
	GFF	RAME	/MAGNET	VOLTAGE	MACHINE	CAR SPEED							
CIENCY (%			(mm)	(Vac)	SPEED (rpm								
90.6			30	170	101.9	533							
90.7			30	360	101.9	533							
93.1 93	_		30  30	170 360	178.3 178.3	933 933							
				000	110.0	000							
1		<u> </u>				т.	WEIGHT: 2295.3 lbmass						
						E	WEIGHT: 2295.3 lbmass IOLLISTER-WHITNEY ELEVATOR CO. LLC						

							ELEVATOR CO. LLC					
							TITLE					
		г	UPDA	<b>ATE BRAI</b>	KE PARTS	LTL	GEAF	RLESS	MACHINE, 1500 @	50%, <sup>•</sup>	1350 @ 45%, 1250	
		Г	LIST	<u>&amp; TAGS,</u>	PUR #1260	12/19/19			@ 40%; 1:1 F	OPED		
A REPRESENTATION OF THE EQUIPMENT CO. LLC ("MANUFACTURER") HAS AGREED TO THIRD ANGL				ANGLE PRO	JECTION							
MAY OCCUR DURING MANÚFACTURING AND CATIONS NOT APPROVED IN WRITING BY T OPERATION, VOIDS ANY WARRANTY AND			Y		~ ~			1/4	SEE PARTS LIS	ST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
IFACTURER OF ALL LIABILITY. NFIDENTIAL AND PROPRIETARY INFORMATION				┼╟╋		SHEET S	IZE	DATE		GL131BS		
OR DIVULGED, IN WHOLE OR IN PART, WITHOUT TION FROM THE MANUFACTURER.			ΨΨ			D	8/28/2015		SHEET 1 OF 3			



MASS
2288.165 lbmass
586.762 lbmass
1.491 lbmass
0.045 lbmass

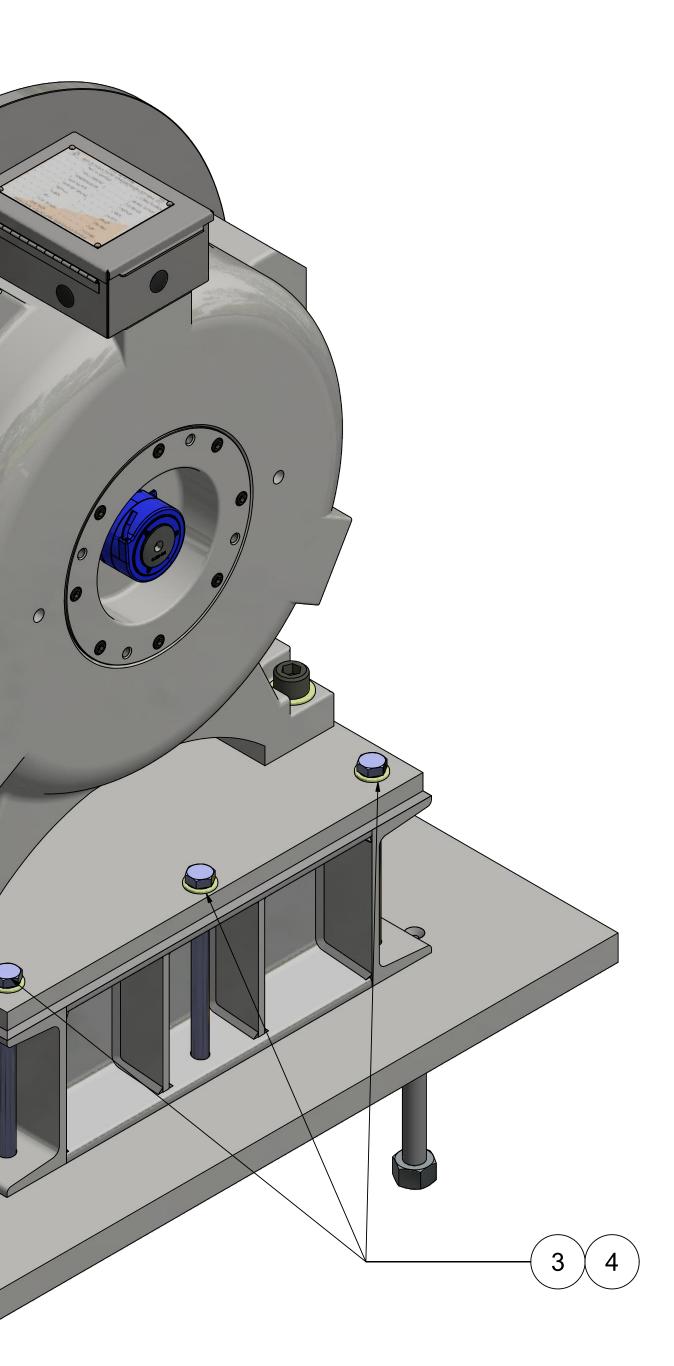
-34

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")

# SUPPLIED FOUNDATION PLATE FOR NEW-POUR



	PARTS LIST					
	ITEM	QTY	PART NUMBER	DESCRIPTION	MASS	
	1	1	GL131BS	GEARLESS MACHINE, 1500# @ 50% CB, 1350# @ 45% CB, 1250 @	2288.165 lbmass	
				40% CB 1:1 ROPED		
	2	1	GL171BS-156A	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	560.928 lbmass	
<b>(C</b> )	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 2 D 3 P C 4 5 C ft

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

-34

1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)

2) REMOVE FOUR (4) 3/4" SHIPPING BOLTS AND DISCARD

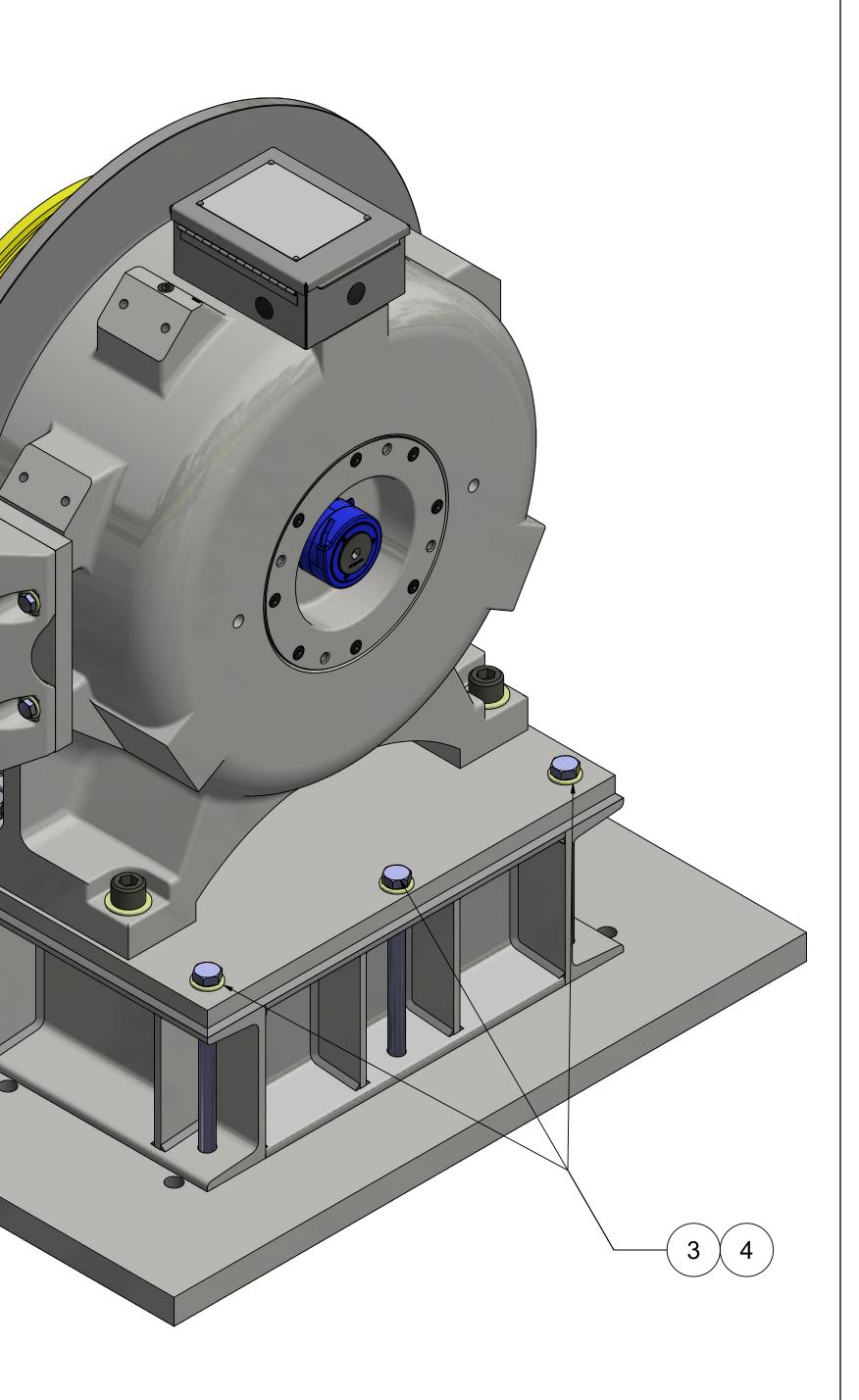
3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS

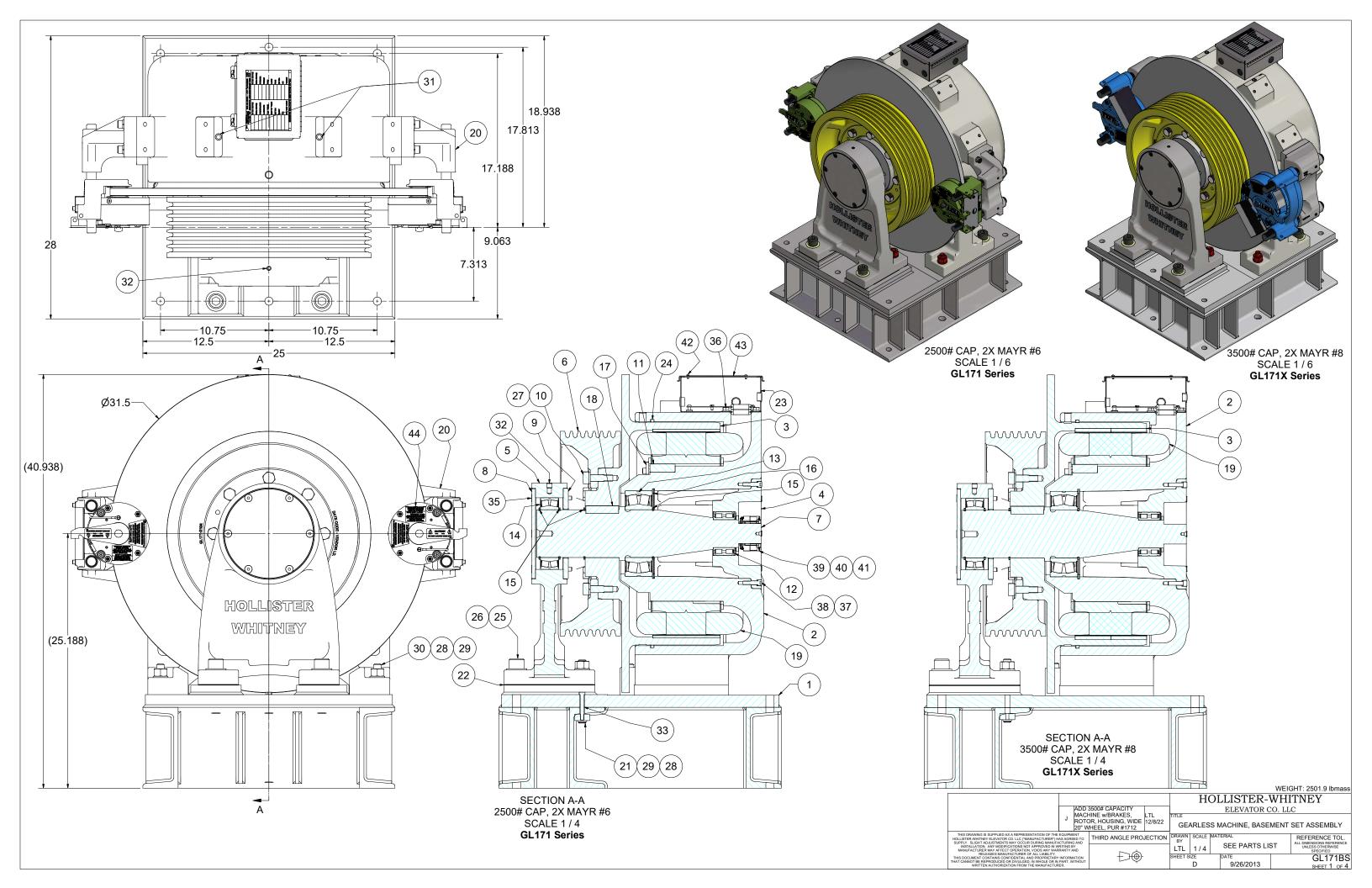
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.

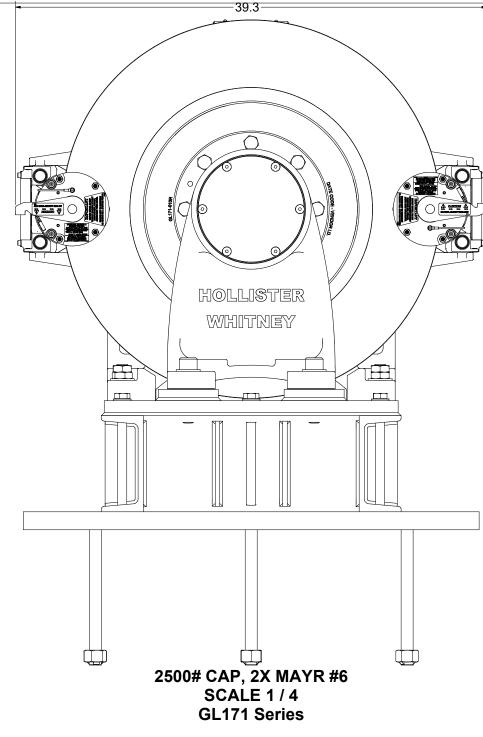
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245

ft-lbs FOR 3/4")

## SUPPLIED FOUNDATION PLATE FOR SECURING TO EXISTING STRUCTURE







1751			
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
5	1	GL181-002 GL171-006	ROTOR ASSEMBLY, MOTOR #GL181, TO 3500# CAP 50% CB OUTBOARD STAND, AC GEARLESS
6	1	GL171-000 GL171-010	20" TRACTION SHEAVE, 7 x 1/2" ROPE MAX
7	1	GL171-010 GL171-018	MAIN SHAFT
8	1	GL185-019	END CAP
9	1	GL183-019 GL171-020	BEARING END CAP
10	8	GL100-073	BODY BOLT
10	1	GL100-073	KEY - STATOR CORE TO BASE
11	1		
12	1	GL100-089 GL130-090	Bearing, Sealed Double Row Cylindrical Roller SEALED SPHERICAL ROLLER BEARING
15	1	GL130-090 GL185-090	BEARING, SEALED SPHERICAL ROLLER
14	4		RETAINING RING - SHAFT
15	4	GL130-092	
10	3	GL130-093	RETAINING RING - HOUSING CLAMP - STATOR ASSEMBLY
17	1	GL100-094-1 GL171-095	KEY - MAIN SHAFT TO ROTOR
10	-		WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELO
19	1	GL181-100 GL171-100	· · · · · · · · · · · · · · · · · · ·
	1		WINDING ASSEMBLY - 28 POLE (1:1 Application) SEE BELO WINDING ASSEMBLY - 28 POLE (2:1 IN 1:1 APL.) SEE BELOW
	1	GL170-100 GL130-144	· · · ·
20	2		DISC BRAKE (MAYR #8) THRU 1875# CAP 50% CB
20	2	GL100-146 GL130-144	DISC BRAKE (MAYR #6) 1876# TO 2500# CAP 50% CB
21	1	GL130-144 GL171BS-156-5	DISC BRAKE (MAYR #8) 2501# TO 3500# CAP 50% CB SHIPPING BOLT
21	1	GL17157-05	OUTBOARD STAND SHIM STOCK - 0.005"
22	As Nec.	GL171-157-10	OUTBOARD STAND SHIM STOCK - 0.005
	/13 /1000.	GL171-157-10 GL171-157-31	OUTBOARD STAND SHIM STOCK - 0.031"
23	1	GL100-159	ELECTRICAL ENCLOSURE, HOFFMAN A806CH - MODIFIED
23	1	GL100-165	FELT DUST SEAL
25	4	1 - 8 UNC x 3.5"	SOCKET HEAD CAP SCREW
26	4	1" WASHER	SAE WASHER
20	8		HELICAL SPRING LOCK WASHER - BODY BOLT
27	6	3/4 WASHER	SAE WASHER
28	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
40	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
10	1 or 2	P-242	TAG, GL171 & GL181 - BRAKE RATINGS FOR MAYR #8
44	2	P-242 P-212	THO, OLIVI & OLIOI - DIANE NATINGS FOR WATE #0

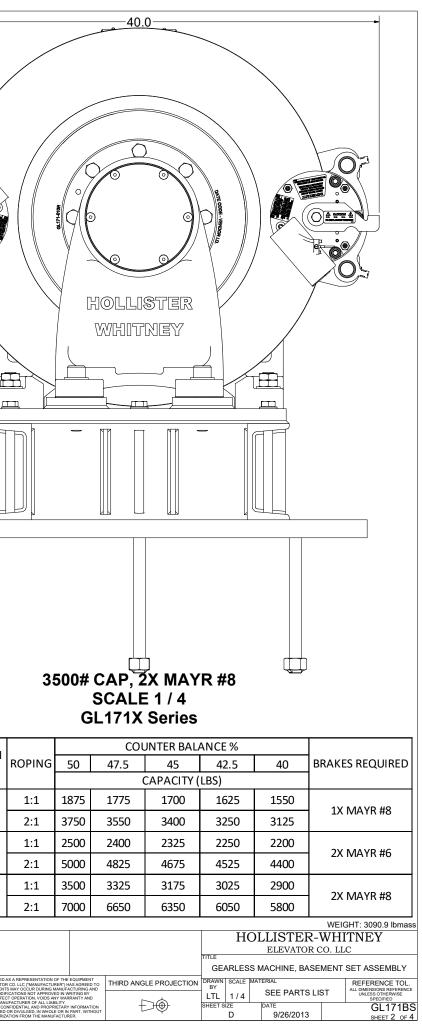
### 1. SHOWN WITH FOUNDATION PLATE FOR NEW-POUR, ANCHOR BOLTS INCLUDED

2. FOUNDATION PLATE FOR SECURING TO EXISTING STRUCTURE SIMILAR, ANCHOR BOLTS NOT INCLUDED

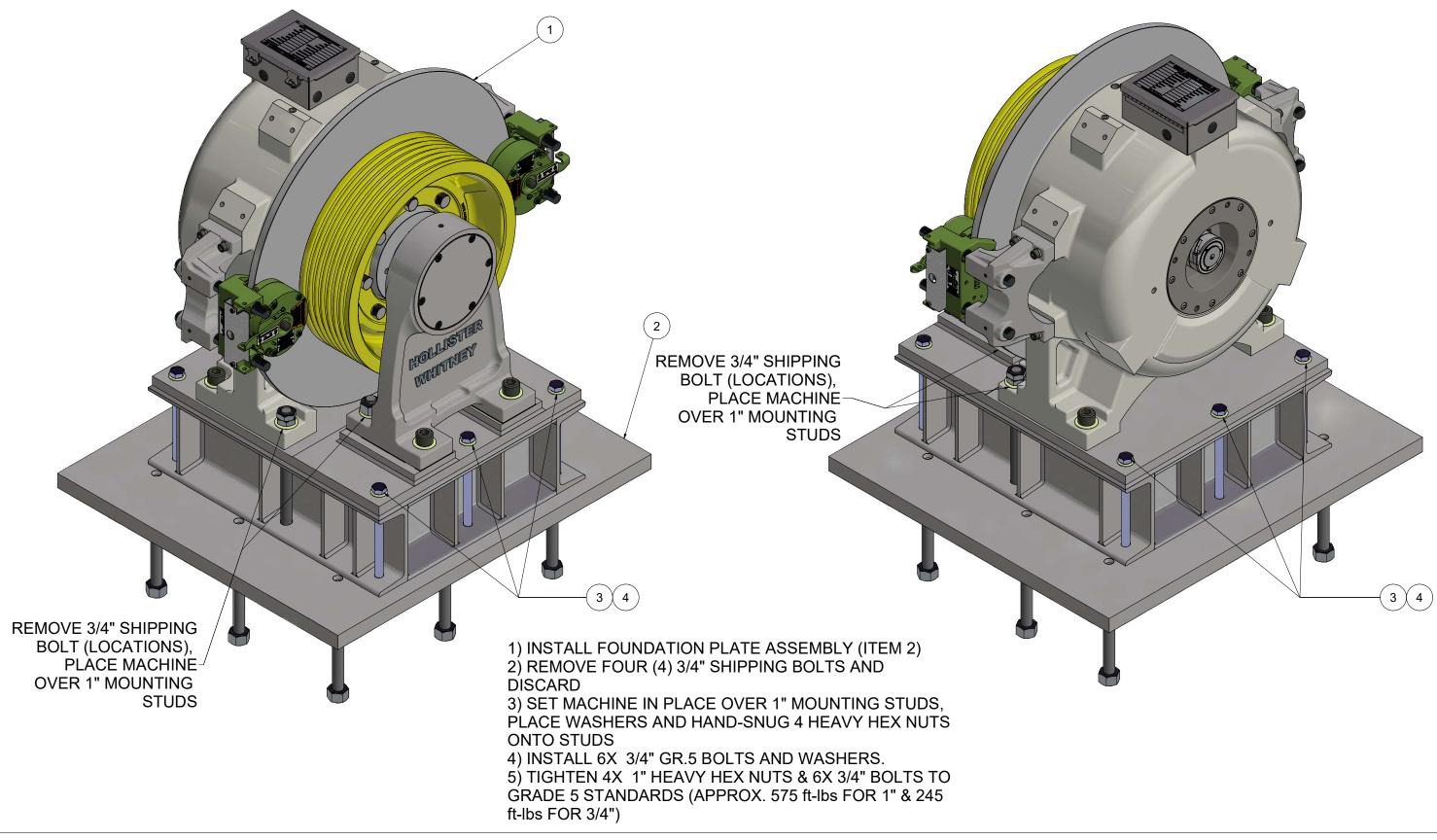
	THESE APPLICATIONS USING WINDINGS DESIGNED FOR 1:1										
							ROPED 1:1			ROPED 2:1	
MACHINE #	WINDING P/N	COIL/WINDING	FRAME/MAGNET	VOLTAGE	MACHINE	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED	CAR SPEED
WACHINE #	WINDING P/IN	EFFICIENCY (%)	SIZE (mm)	(Vac)	SPEED (rpm)	20" (fpm)	15.75" (fpm)	15" (fpm)	20" (fpm)	15.75" (fpm)	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 A	PPLICATIO	NS USING WIN	DINGS DESIGN	ED FOR 2:1				
	ROPED 1:1 ROPED 2:1										
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 GL171-70 20" GL171-40 20" GL171-20 GL171X-35 20"

 $\cap$ 

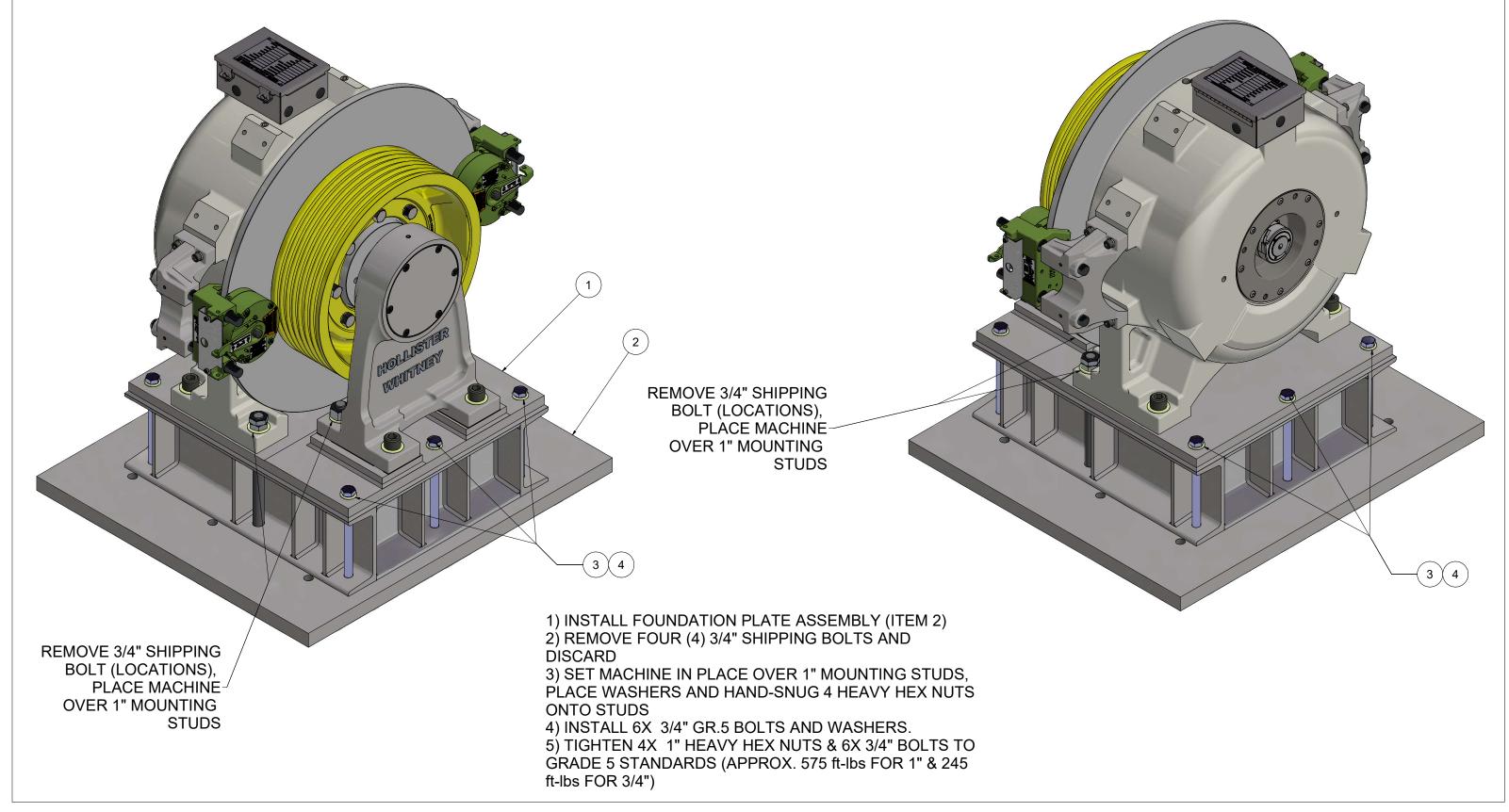


			PARTS LIST		-
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS	1.
1	1	GL171BS	GEARLESS MACHINE, 2500# MAX CAP. 1:1 ROPED	2494.945 lbmass	
2	1	GL171-BS-156	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	586.762 lbmass	2
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	1.491 lbmass	
4	6	3/4 WASHER	SAE WASHER	0.045 lbmass	

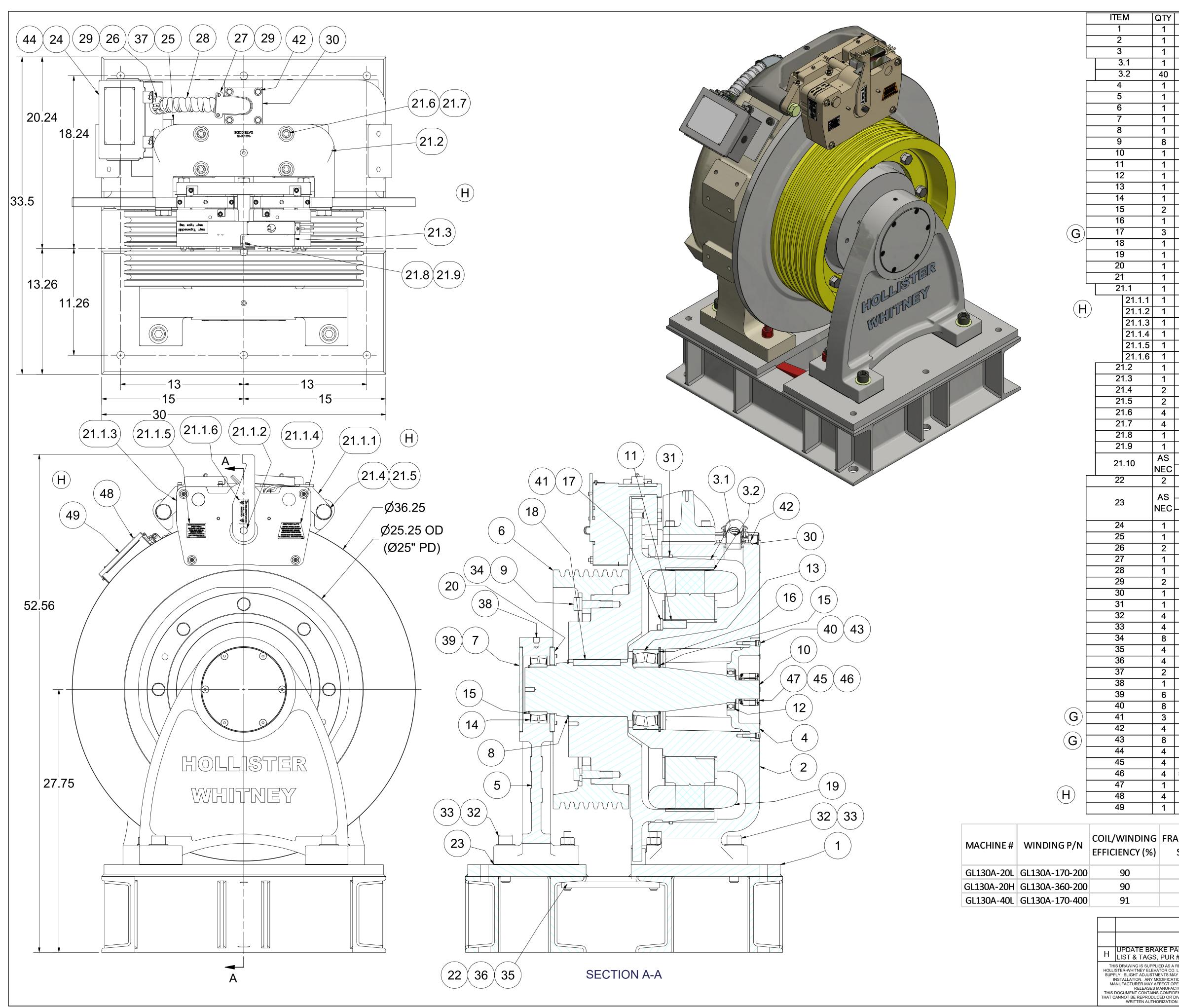


### SUPPLIED FOUNDATION PLATE FOR NEW-POUR SHOWN WITH 2500# GL171 Series MACHINE. 3500# GL171X Series MACHINE SIMILAR

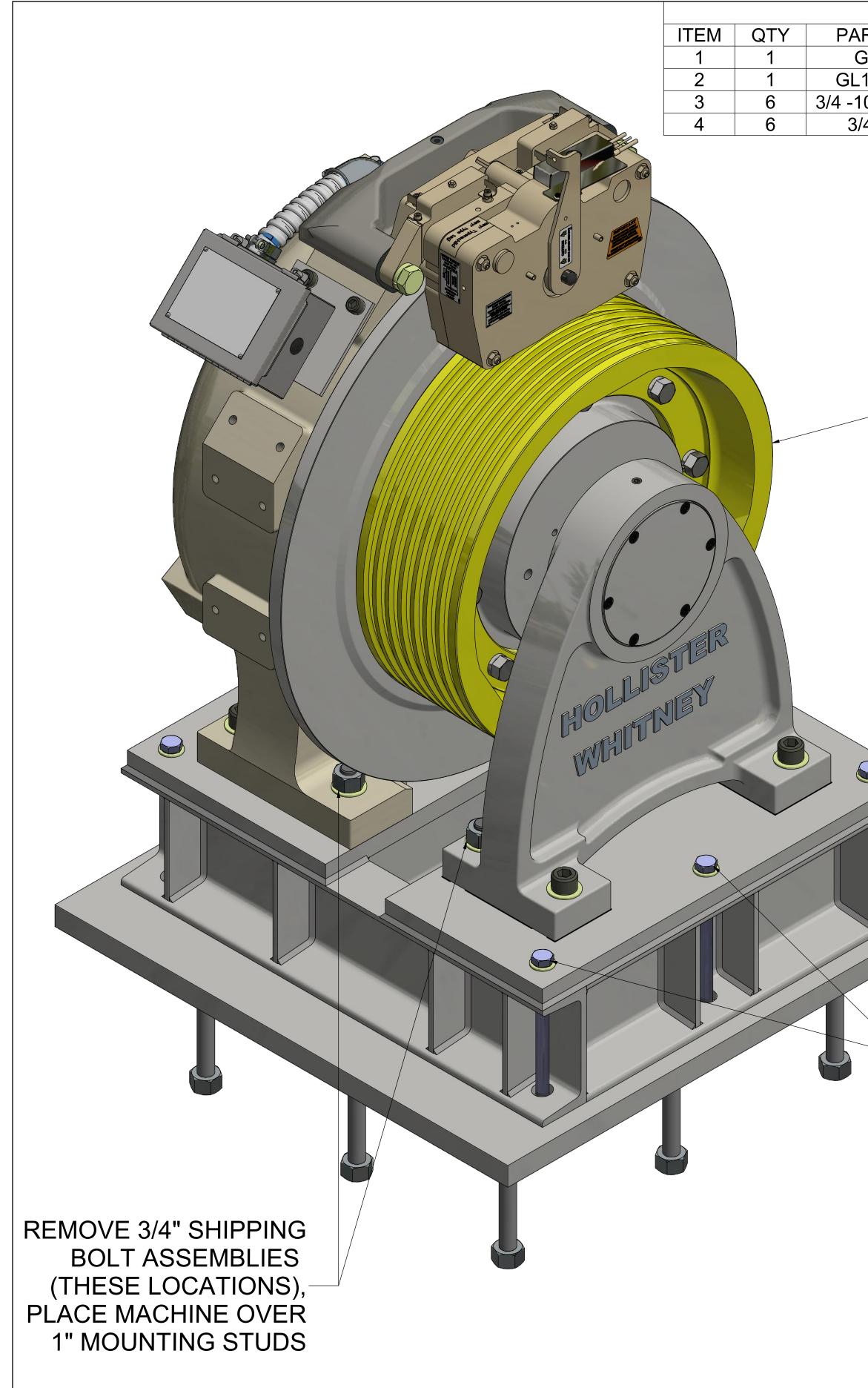
			PARTS LIST	
ITEM	QTY	PART NUMBER	DESCRIPTION	1
1	1	GL171BS	GEARLESS MACHINE, 2500# MAX CAP. 1:1 ROPED	
2	1	GL171BS-156A	FOUNDATION PLATE ASSEMBLY - GL131 & GL171 BASEMENT SET	2
3	6	3/4" - 10 UNC x 10 3/4"	HEX CAP SCREW	<b>_</b>
4	6	3/4 WASHER	SAE WASHER	



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



Y	PART NUME	BER I	DESCRIPTION		
	GL130ABS-	-01	FINISHING BAS	E, BASE	MENT SET, GL130A
	GL130A-00		BASE HOUSING	-	· · · · · · · · · · · · · · · · · · ·
	GL130A-00			•	GL130A, 25" T.S.
	GL130A-00	)4 I	ROTOR - GL130	A, 25" T.	S.
)	GL260-09	9	PERMANENT M	IAGNET	- #GL260 & GL130A MOTORS
	GL130A-00	)5 I	BEARING CAP		
	GL185-00	6 0	OUTBOARD ST	AND, AC	GEARLESS
	GL185-00	8 \$	SHEAVE, 25"	· · · · · · · · · · · · · · · · · · ·	
	GL185-01	9	END CAP		
	GL185-02	0 1	RETAINING RIN	G - ROTO	DR
;	GL185-07		BODY BOLT		
	GL130A-01	-	MAIN SHAFT - (	GL130A 1	:1 MACHINE
	GL100-08		KEY - STATOR		
	GL185-08	-			GLE ROW DEEP GROOVE BALL
_	GL130-09		· · · · · · · · · · · · · · · · · · ·		DLLER BEARING
_	GL185-09				IERICAL ROLLER
	GL130-09				
	GL130-09				
-	GL100-094		CLAMP - STATO		
			KEY - MAIN SH		
	GL185-09				
_	GL130A-10	-	WINDING ASSE	MBLY -	
	GL185-10				
	GL185-14		DISC BRAKE (M		•
	GL185-147-1				TH STANDARD STICKERS
$\square$	GL185-147-				SD10/894.510.53S #8252206
$\square$	142-050				
$\square$	P-175				
	P-190				BRAKE BURNISHING STICKER
	P-214				GL260 - BRAKE RATINGS
	P-229				OT ADJUST THIS NUT
	147-001				FRAME GL MACHINE
	147-003			R #10.1 (C	GL185-147) ELECTRICAL
	1-8 UNC - 3		Hex Cap Screw		
	1" WASHEI		Helical Spring Lo		
	5/8-11 UNC -	2.5	SOCKET HEAD	CAP SC	REW
	5/8 WASH	ER 🗏	SAE WASHER		
	M4 x 0.7 x 8	mm 将	SHCS - METRIC	;	
	#8 WASHE		STANDARD WA		
3	143-026				- 0.03" (NOT SHOWN)
C	143-027				- 0.06" (NOT SHOWN)
	GL130A-BS-1		SHIPPING BOLT		· · · · ·
$\neg$	GL185-157-				M - 0.005" GL185 A-STAND, 25" T.W.
5	GL185-157-				M - 0.010" GL185 A-STAND, 25" T.W.
С	GL185-157-				M - 0.031" GL185 A-STAND, 25" T.W.
-	GL100-15				RE, HOFFMAN A806CH - MODIFIED
-	GL130A-159		MOUNTING PLA		
	GL100-159-				NNECTOR (FLEXCON) - REF P/N BRID412DC2
	GL130A-159-				OR (FLEXCON)
-	GL100-159-				EF. P/N GRF A114
-	GL100-159-				ING - REF. P/N THOMAS & BETTS CO. #425
	GL100-159-		BOX CONNECT		
	GL100-165		FELT DUST SEA		—
-	1-8 UNC x		SOCKET HEAD		REW
	1-8 ONC X		SAE WASHER		
	13/16 WASH		HEAVY LOCK V	VACHED	
	3/4 UNC N		HEAVY LOCK V		
-	3/4 UNC N		SAE WASHER	, 1	
	5/8-11 UNC		SAE WASHER	<u> </u>	REW
			HALF DOG SET		
-	3/8-11 UNC X		FLAT HEAD CA		
			SOCKET HEAD		
			SOCKET HEAD		
	3/8 - 16 UNC X		WHIZ BOLT	UNF 30	
					PEWLLOCK
	3/8 WASHE			CAP SC	
	1/4-20 UNC x			040.00	
	#8-32 x 1/4		SOCKET HEAD		
			EXT. TOOTH LO		
	ECN 113 5281		50mm HEIDENH		JODER
	#6 U x 0.31		DRIVE SCREW		
	P-173		MOTOR TAG - F	PMAC GE	ARLESS MACHINE
				1	
D 4	ME/MAGNET		AGE MACHINE	CAR SP	
	-		SPEED		
	SIZE (mm)	(Va	(RPM)	25" (fp	m)
	1004 /400				
	130A/130	170		250	
	130A/130	36	0 38.2	250	
	130A/130	170	0 76.4	500	
					WEIGHT: 3938.3 lbmas
			L100-094-1 WAS 1X		HOLLISTER-WHITNEY
			35-094, 3X 3/8x1HHC 6X, REMOVE 6X 3/8		ELEVATOR CO. LLC
		WAS	HERS, & UPDATE		TITLE
	ARTS LTL #1260 1/7/20	GL13	30A (1:1) WINDING ACITIES, PUR #111	1	GEARLESS MACHINE, 2500# CAP w/25" TW; 1:1 ROPED
AS A	REPRESENTATION OF THE EQ	UIPMENT	THIRD ANGLE PRO		50% CB       DRAWN SCALE MATERIAL       REFERENCE TOL.
'S MA	LLC ("MANUFACTURER") HAS Y OCCUR DURING MANUFACT IONS NOT APPROVED IN WRIT	URING AND			BY SEE DADTS LIST ALL DIMENSIONS REFERENCE
CT OF	ERATION, VOIDS ANY WARRA	NTY AND		ጉ	LIL I/3 SPECIFIED
		-ORMATION		<i>I</i> <sup>−</sup>	
NFID OR D	ENTIAL AND PROPRIETARY INF VULGED, IN WHOLE OR IN PA	RT, WITHOUT			
NFID OR D		RT, WITHOUT	- T		D 7/11/2013 G SHEET 1 OF 3

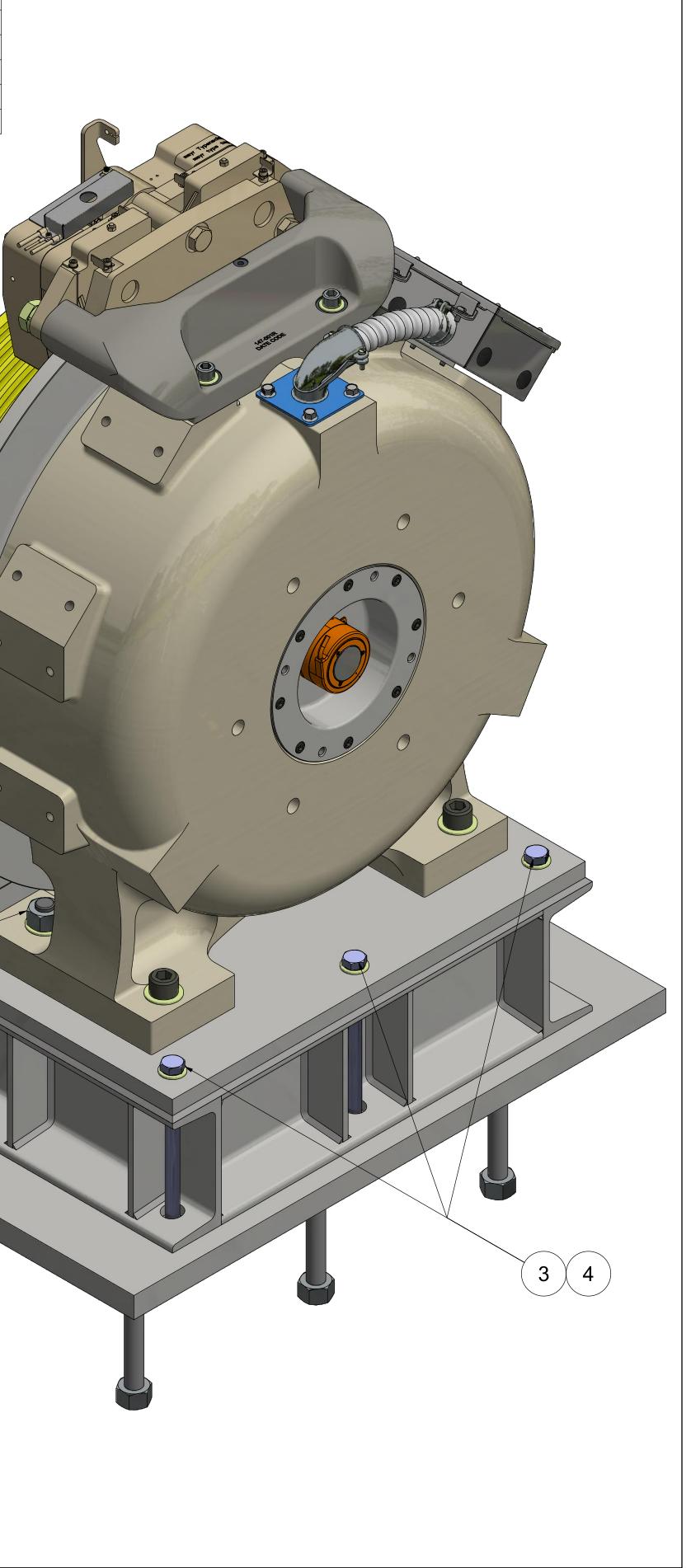


	PARTS LIST	
RT NUMBER	DESCRIPTION	MASS
GL130A-BS	GEARLESS MACHINE, 2500# CAP w/25" TW; 1:1 ROPED	3929.056 lbmass
.130A-BS-156	FOUNDATION PLATE ASSEMBLY - GL130A BASEMENT SET	619.197 lbmass
10 UNC x 10.75"	HEX CAP SCREW	1.491 lbmass
/4 WASHER	SAE WASHER	0.045 lbmass

REMOVE 3/4" SHIPPING BOLT ASSEMBLIES (THESE 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	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

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

 INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2)
 REMOVE TWO (2) SHIPPING BOLT ASSEMBLIESS AND DISCARD

3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS

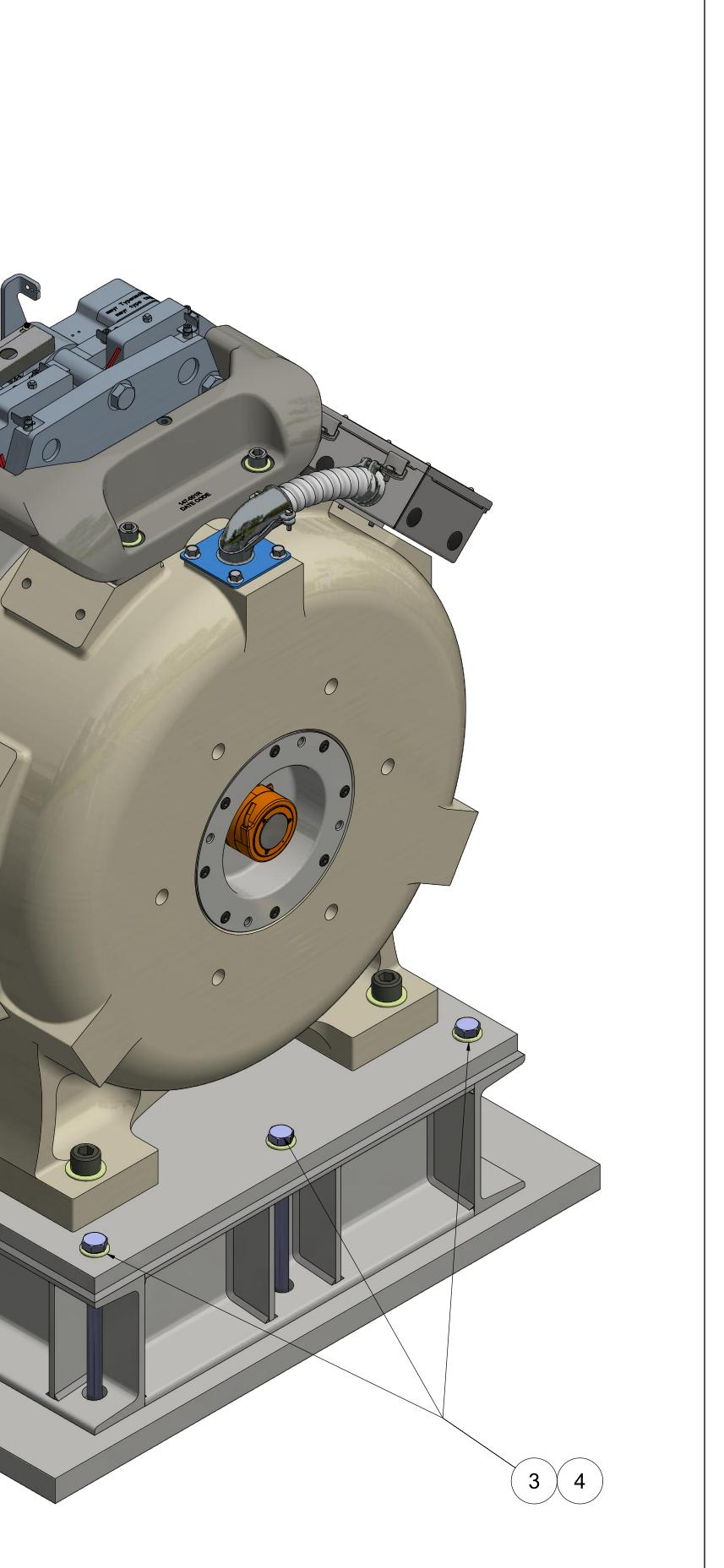
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.

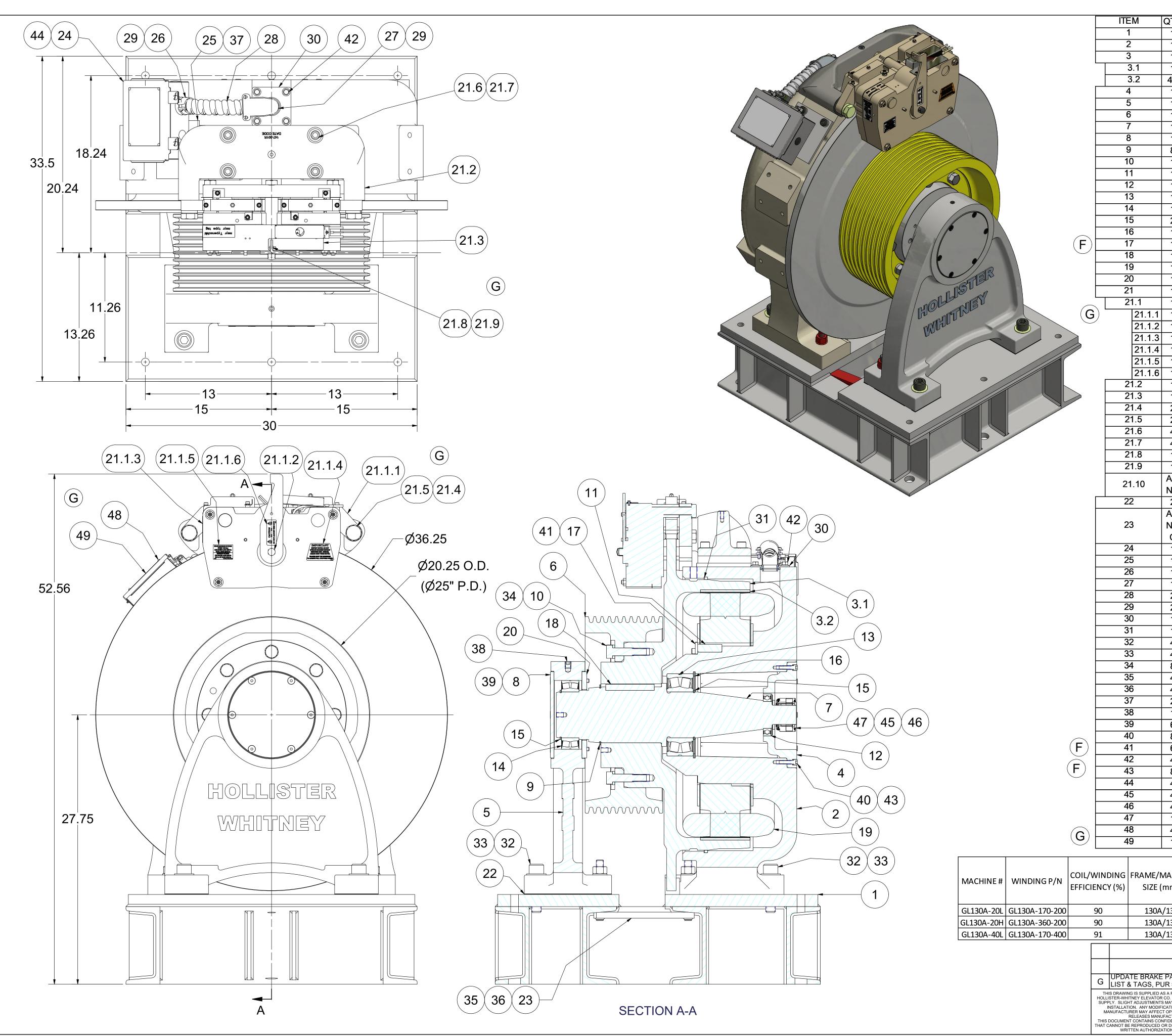
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")

2

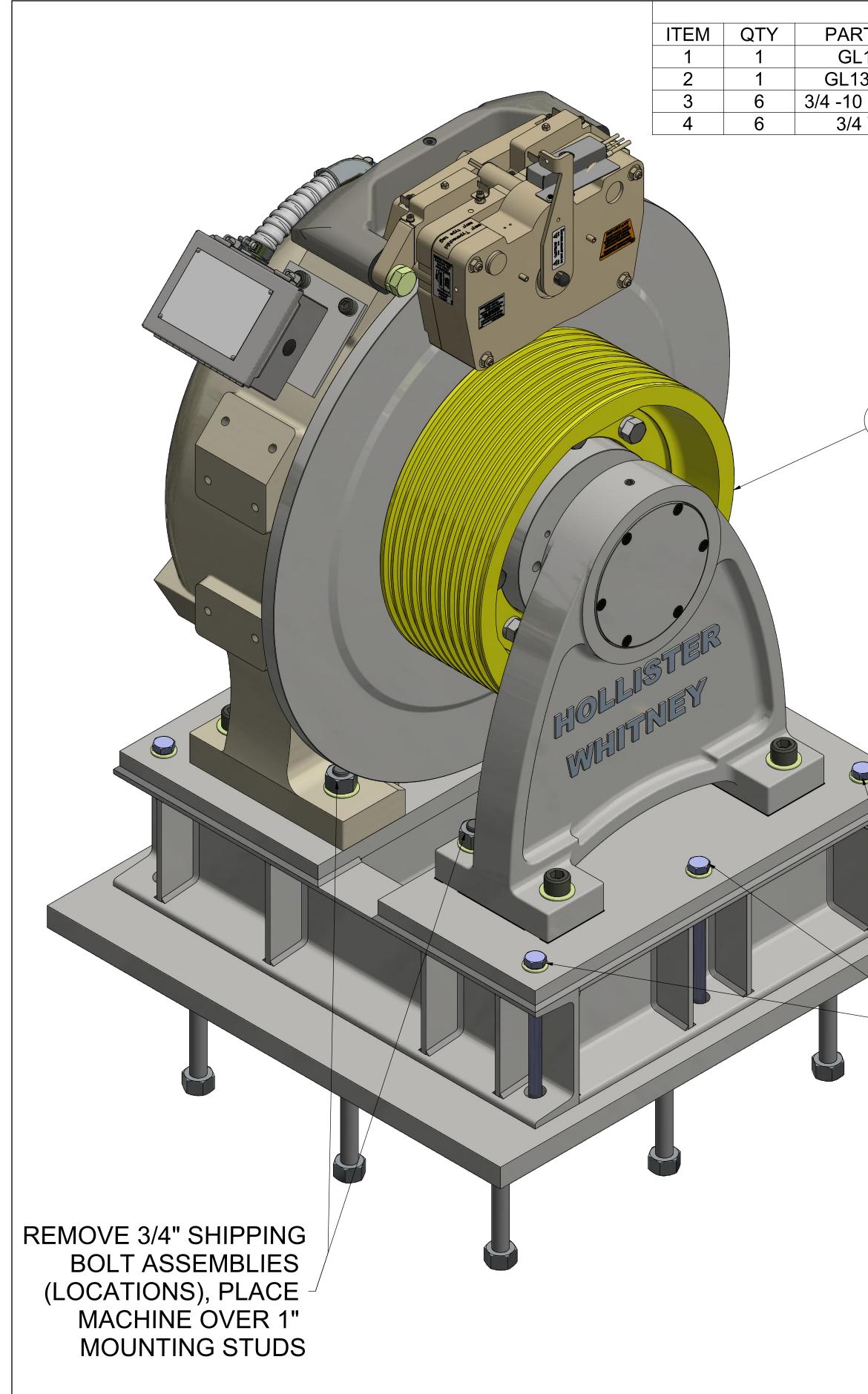
3 ( 4 )

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





QTY	PART NI	JMBER	DESCRIPT						
1	GL130A		FINISHING	•			-		
1	GL130		BASE HOL						
1	GL130A		ROTOR AS			=	)" T.S.		
1	GL130A		ROTOR - C	•					
40	GL260				ET-#	GL260 &	GL130A MOTO	JRS	
1	GL130/		BEARING				_		
1	GL185		OUTBOAR	-		EARLES	S		
1	GL130/		TRACTION	SHEAVE,	20"				
1	GL185		END CAP						
1	GL185	5-020	RETAINING		OTOR				
8	GL185		BODY BOL						
1	GL130/	A-018	MAIN SHA	FT - GL130	)A 1:1	MACHIN	E		
1	GL100	)-088	KEY - STA	TOR CORE	e to e	BASE			
1	GL185	5-089	BEARING,	SEALED S	SINGLI	E ROW [	DEEP GROOVE	<u>E BALI</u>	
1	GL130	)-090	SEALED S	PHERICAL	ROLL	ER BEA	RING		
1	GL185	5-090	BEARING,	SEALED S	SPHEF	RICAL RO	DLLER		
2	GL130		RETAINING						
1	GL130		RETAINING						
1	GL100-		CLAMP - S						
1	GL185		KEY - MAI						
1	GL130/	A-100		SSEMBL	Y - 40	POLE			
1	GL185	5-104	CAP						
1	GL185	5-147	DISC BRAI						
1	GL185-14	47-115S	MAYR #10	1 BRAKE	WITH	STANDA	RD STICKERS		
1	GL185-1	47-115	MAYR #10	1 BRAKE	- RSD	10/894.5	10.53S #825220	)6	
1	142-	050	BLACK VI						
1	P-1	75	TAG, GEA	RLESS MA		E BRAKE	E AIRGAP DAT	4	
1	P-1	90	ROTOR IN	SPECTION	& BR	AKE BUI	RNISHING STIC	KER	
1	P-2	14		-			AKE RATINGS		
1	P-2	29					THIS NUT		
1	147-	001	BRAKE BA						
1	147-0	003	COVER - N	1AYR #10.	1 (GL1	85-147)	ELECTRICAL		
2	1" WAS	HERS	Helical Spr		-	-			
2	1-8 UN(	C - 3.5	Hex Cap S	crew					
4	5/8-11 UN	NC - 2.5	SOCKETH	EAD CAP	SCRE	W			
4	5/8 WA	SHER	SAE WAS	HER					
1	M4 x 0.7	x 8 mm	SHCS - ME	TRIC					
1	#8 WA	SHER	STANDAR	<b>D WASHE</b>	२				
AS	143-	026	BRAKE HO	OUSING SH	HIM - O	.03" (NO	T SHOWN)		
NE	143-	027	BRAKE HC	USING SH	HIM - O	.06" (NO	T SHOWN)		
2	GL130A-E	3S-156-5	SHIPPING						
AS	GL185-′	157-05	OUTBOAR	D STAND S	SHIM -	0.005" (	GL185 A-STANE	), 25"	T.W.
NE	GL185-′	157-10	OUTBOAR	D STAND S	SHIM -	0.010" (	GL185 A-STANE	), 25"	T.W.
С	GL185-′		OUTBOAR	D STAND S	SHIM -	0.031" (	GL185 A-STANE	), 25"	T.W.
1	GL100	)-159	ELECTRIC	AL ENCLO	SURE	, HOFFN	IAN A806CH - I	NODIF	IED
1	GL130A		MOUNTING						
1	GL100-′							EF P/	N BRID412DC2
1	GL100-1		1-1/4 90° B			•			
2	GL100-′		1-1/4 FLEX						
2	GL100-′					G - REF.	P/N THOMAS	& BE1	ITS CO. #425
1	GL100-′		BOX CONN		LATE				
1	GL100-		FELT DUS						
4	1-8 UN		SOCKETH		SCRE	W			
4	1" WAS		SAE WAS						
8	13/16 W		HEAVY LC		IER				
4	3/4 UN(		HEAVY HE						
4	3/4 WA		SAE WAS						
2	5/8-11 U	_	SOCKETH			W			
1			HALF DOG						
6	3/8-16 U		FLAT HEA		_				
8	3/8 - 16 U								
6			SOCKETH		SCRE	W			
4	3/8 - 16 U		WHIZ BOL						
8	3/8 WA		SOCKETH		SCRE	W LOCK			
4	1/4-20 UI		WHIZ BOL						
4	#8-32 >		SOCKETH						
4	#8 LOCK V								
1	ECN 113 5					DER			
4	#6 U x (		DRIVE SCI				_		
1	P-1	73	MOTOR TA	G - PMAC	GEA	RLESS M	IACHINE		
		1							
		SPEED	CAR SPEED						
(mm)	(Vac)	(RPM)	20" (fpm)	(F)					
1400	470	, ,	200						
A/130	170	38.2	200						
/130	360	38.2	200						
/130	170	76.4	400						GHT: 3663.8 lbmass
			00-094-1 WAS ´ 094, 3X 3/8x1HI			HO	LLISTER-	WH.	ITNEY
		WAS 6)	K, REMOVE 6X	3/8	<b></b>		ELEVATOR C		
E PART	S LTL		RS, & UPDATE			I ESS MA			20" TW; 1:1 ROPED
UR #12	60 1/7/20		ITIES, PUR #1				50% Cl		
R CO. LLC ("	SENTATION OF THE EC MANUFACTURER") HAS	S AGREED TO	THIRD ANGLE F	ROJECTION	DRAWN BY	SCALE MA	TERIAL		REFERENCE TOL.
FICATIONS N CT OPERATI	UR DURING MANUFAC IOT APPROVED IN WRI ON, VOIDS ANY WARR	TING BY		<u>ــــــــــــــــــــــــــــــــــــ</u>		1/5	SEE PARTS LI	ST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
UFACTUREF NFIDENTIAL	R OF ALL LIABILITY. AND PROPRIETARY IN ED, IN WHOLE OR IN PA	FORMATION	$\square$	€	SHEET S		DATE		GL130A1-BS
	M THE MANUFACTURE			-		D	8/22/2013		SHEET 1 OF 3



	PARTS LIST	
RT NUMBER	DESCRIPTION	MASS
L130A1-BS	GEARLESS MACHINE, 3125# CAP w/20" TW; 1:1 ROPED	3654.561 lbmass
30A-BS-156	FOUNDATION PLATE ASSEMBLY - GL130A BASEMENT SET	619.197 lbmass
OUNC x 10.75"	HEX CAP SCREW	1.491 lbmass
4 WASHER	SAE WASHER	0.045 lbmass

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

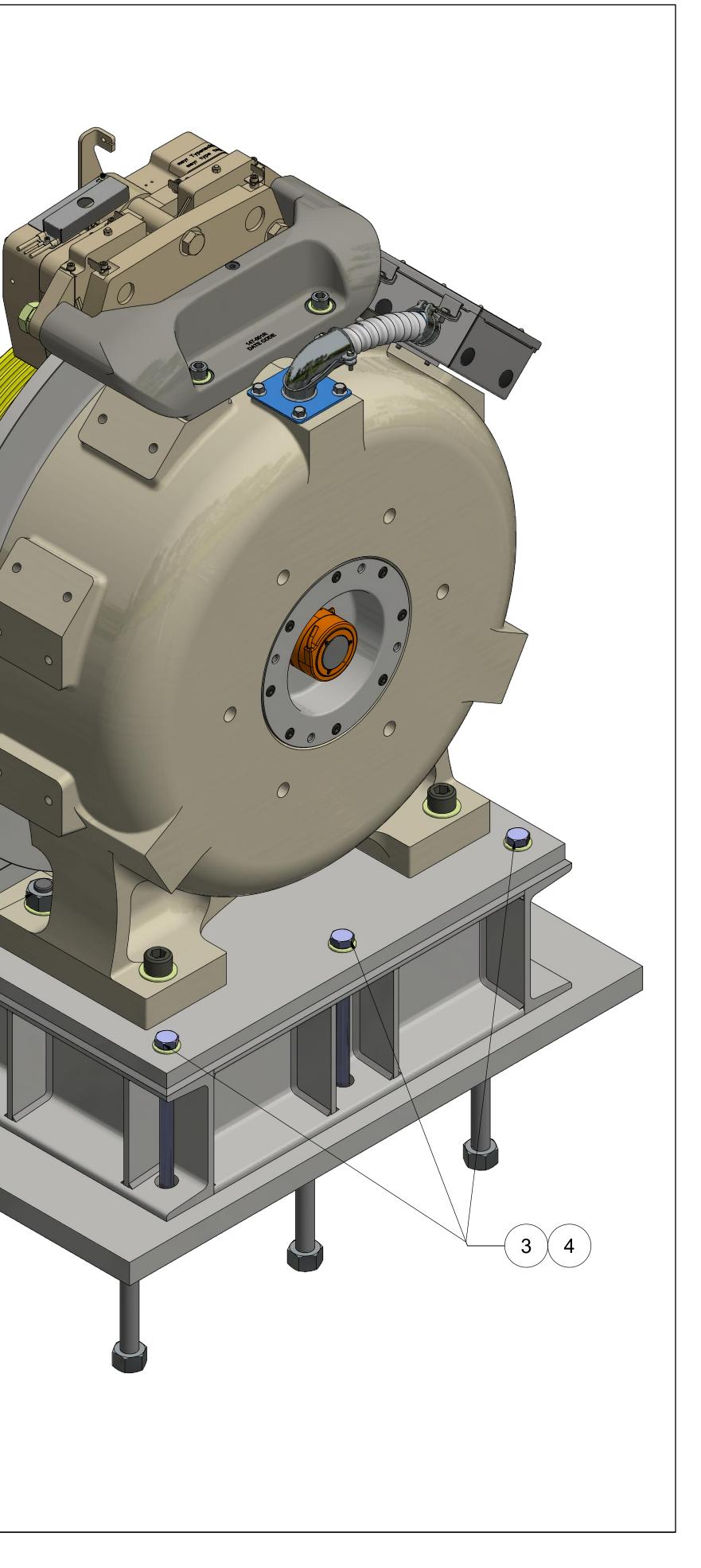
1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2) 2) REMOVE TWO (2) 3/4" SHIPPING BOLT ASSEMBLIES AND DISCARD

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.

3 ( 4 )

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

2

WHITTNEY

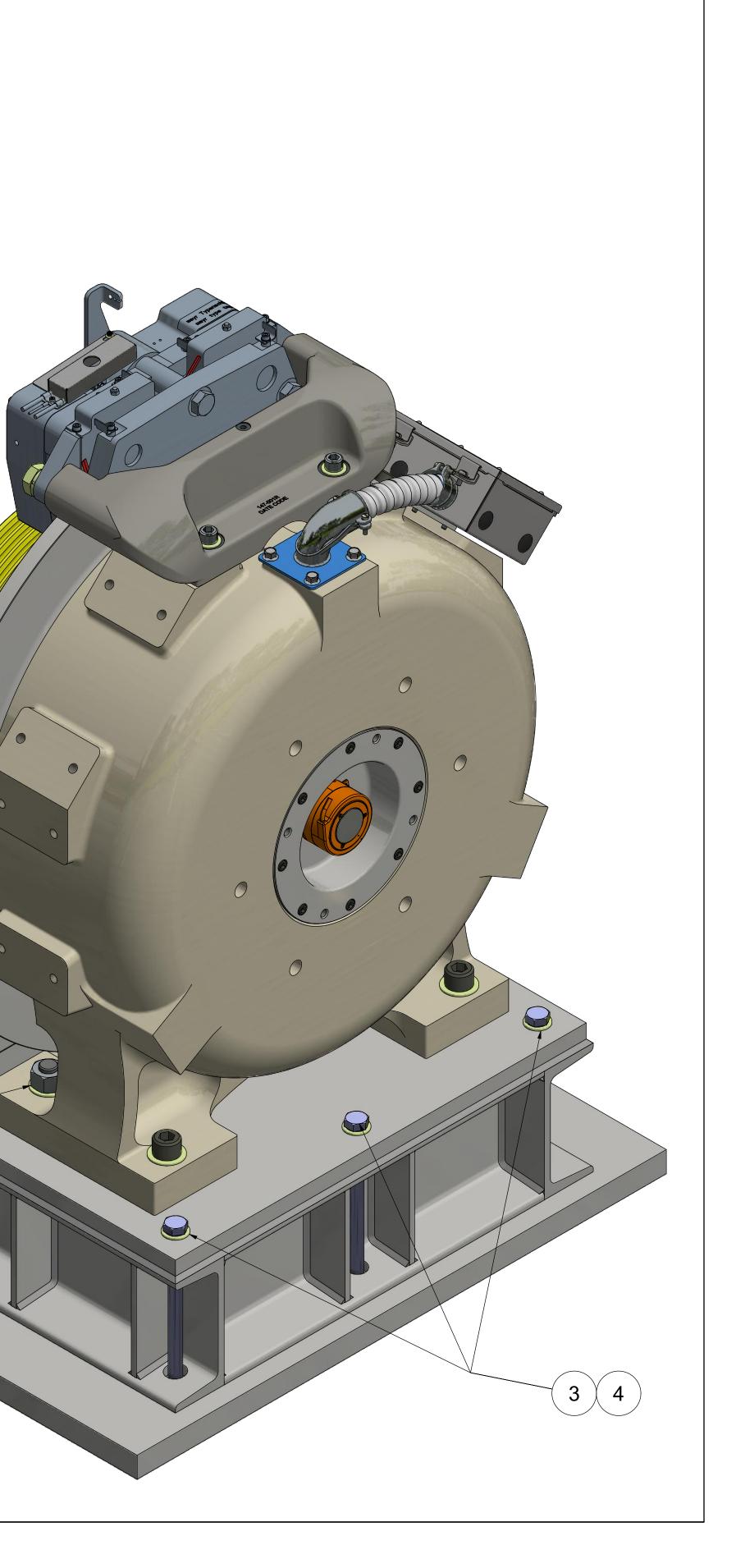
ROLL

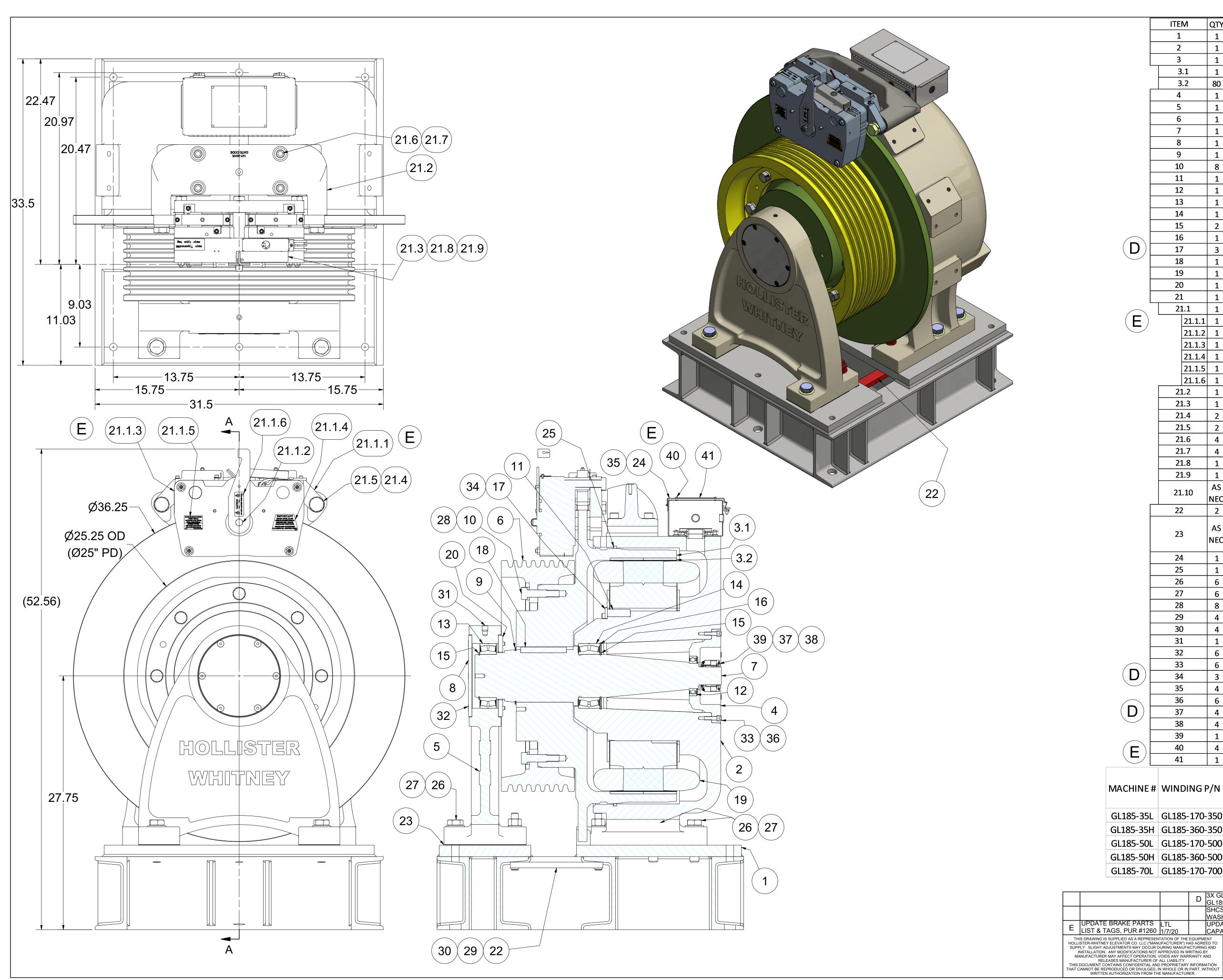
REMOVE 3/4" SHIPPING BOLT ASSEMBLIES (LOCATIONS), PLACE MACHINE OVER 1" MOUNTING STUDS 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2) 2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIESS AND DISCARD

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	DES	CRIPTION			
	1	1	GL185BS-01	FIN	ISHING BASE, BA	ASEMENT SE	T. GL 185	
	2	1	GL185-001		E HOUSING, MC		-	
	3							
		1	GL185-002		OR ASSEMBLY -	WOTOR #GL	.185	
	3.1	1	GL185-004	ROT				
	3.2	80	GL185-099	PER	MANENT MAGN	IET - MOTOR	R #GL185	
	4	1	GL100-005	BEA	RING CAP			
	5	1	GL185-006	Ουτ	BOARD STAND,	AC GEARLES	SS	
	6	1	GL185-008		AVE, 25"			
	7	1	GL185-018		IN SHAFT - GL18			
				-				
	8	1	GL185-019		) CAP			
	9	1	GL185-020	RET	AINING RING - F	ROTOR		
	10	8	GL185-073	BOD	DY BOLT			
	11	1	GL100-088	KEY	- STATOR CORE	TO BASE		
	12	1	GL185-089	_	RING, SEALED S			/F BALL
	13							
		1	GL185-090		RING, SEALED S			
	14	1	GL185-091		RING, SEALED S		DLLER	
	15	2	GL130-092	RET	AINING RING - S	SHAFT		
$\frown$	16	1	GL100-093	RET	AINING RING - I	HOUSING		
D)[	17	3	GL100-094-1	CLA	MP RING - STAT	OR ASSEMBI	LY	
	18	1	GL185-095	KEV	- MAIN SHAFT T			
	19							
	-	1	GL185-100	-		.1 - 40 PULE		
	20	1	GL185-104	CAP				
	21	1	GL185-147	-	C BRAKE (MAYR	-		
$\frown$	21.1	1	GL185-147-115S	MA'	YR #10.1 BRAKE	WITH STAND	DARD STICKE	RS
E)	21.1.1	1	GL185-147-115	MA	YR #10.1 BRAKE	- RSD10/894	.510.535 #82	52206
	21.1.2		142-050	_	CK VINYL CAP			
	21.1.2		P-175		GEARLESS MA		ΓΔIRGVD	ΤΔ
				-	-			
	21.1.4		P-190		OR INSPECTION			
	21.1.5		P-214		6, GL130A, GL185			
	21.1.6		P-229	_	JTION LABEL - D	U NOT ADJU	ST THIS NUT	
	21.2	1	147-001	BRA	KE BASE			
	21.3	1	147-003	co\	/ER - MAYR #10.	<b>1 ELECTRICA</b>	L	
	21.4	2	1" WASHER	Heli	ical Spring Lock	Washers		
	21.5	2	1-8 UNC - 3.5		Cap Screw			
	21.6	4	5/8 - 11 UNC x 2.5"	-	KET HEAD CAP	SCRFW		
	21.7	4	5/8 WASHER		NDARD WASHE			
	21.8	1	M4 x 0.7 x 8 mm	_	S - METRIC			
	21.9	1	#8 WASHER		NDARD WASHE			<u>.</u>
	21.10	AS	143-026	-	KE HOUSING SH	•		•
		NEC	143-027	BRA	KE HOUSING SH	IIM - 0.06" (N	NOT SHOWN	)
	22	2	GL185BS-156-5	SHI	PPING BOLT			
		AS	GL185-157-05		FBOARD STAND	SHIM - 0.005	5" GL185 A-ST	rand, 25" t.w.
	23		GL185-157-10		<b>FBOARD STAND</b>	SHIM - 0.010	)" GL185 A-ST	rand, 25" t.w.
		NEC	GL185-157-31	Τυο	BOARD STAND	SHIM - 0.031	L" GL185 A-S	rand, 25" T.W.
	24	1	GL185-159	-	FMAN ELECTRIC			•
	25	1	GL100-165-1	_	T DUST SEAL			
	26	6	1-8 UNC x 4"	_	HEAD CAP SCRI			
				-				
	27	6	1" WASHER		WASHER			
	28	8	13/16 WASHER	HEA	VY LOCK WASH	ER		
	29	4	3/4 - 10 UNC	HEA	VY HEX NUT			
	30	4	3/4 WASHER	SAE	WASHER			
	31	1	5/8-11 UNC x 0.625	Hex	agon Socket Se	t Screw - Fla	t Point	
	32	6	3/8-16 UNC x 4	-	T HEAD CAP SCR			
$\frown$	33	6	3/8 - 16 UNC x 1.5	_				
				-				
┛┝	34	3	3/8 - 16 UNC x 1.25				• • •	
	35	4	3/8-16 UNC x 0.5		Flange Screw -			
	36	6	3/8 Washers	SHC	S Lock Washers	(High Collar	·)	
J)[	37	4	#8 - 32 UNC - 1/4	Hex	agon Socket He	ad Cap Screv	N	
	38	4	#8 LOCK WASHER	EXT	. TOOTH LOCK V	VASHER		
	39	1	ECN 113 52810061	50m	m HEIDENHAIN	ENCODER		
E)	40	4	#6 U x 0.3125	_	VE SCREW			
	41	1	P-173	-	TOR TAG - PMA	C GEARI FSS I	MACHINE	
~ L		<u> </u>				,		
			COIL/WINDING	FRA	MF/MAGNET	VOITAGE	MACHINE	CAR SPEED
HINE #	WINDING	P/N	-		-		SPEED	
			EFFICIENCY (%)	S	SIZE (mm)	(Vac)	(RPM)	(fpm)
ב אבי		250			105	170		250
5-35L	GL185-170		90		185	170	53.5	350
5-35H	GL185-360	-350	90		185	360	53.5	350
5-50L	GL185-170	-500	90		185	170	76.4	500
	GL185-360		90		185	360	76.4	500
5-70L	GL185-170	-700	90		185	170	107.0	700
							WEIGH	IT: 4371.8 lbmass
	D		100-094-1 WAS 1X LT		ΗΟ		R-WHI7	
			5-094, 3X 3/8x1.25 10 WAS 6X, 6X 3/8	/23/19				
			WAS 6X, 6X 3/8 IER WAS 12X, &		TITLE		OR CO. LLC	
PARTS	LTL	UPDA	TE GL185 (1:1)		GL185 W/25"	•		
IR #1060			CITIES, PUR #1111			,	SET ASSEN	VIBLY
S A REPRESEN	NTATION OF THE EQUIPME			ייחודי	DRAWN SCALE MAT	IERIAL	1	REFERENCE TO
S A REPRESEN CO. LLC ("MAN MAY OCCUR	NTATION OF THE EQUIPMENUFACTURER") HAS AGRE	ED TO G AND	THIRD ANGLE PROJEC		BY			REFERENCE TOL.
CO. LLC ("MAN S MAY OCCUR ICATIONS NOT T OPERATION, IFACTURER OF	NTATION OF THE EQUIPMENUFACTURER") HAS AGRE	ED TO S AND Y ND				SEE MATE		

D

1/17/2014

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

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

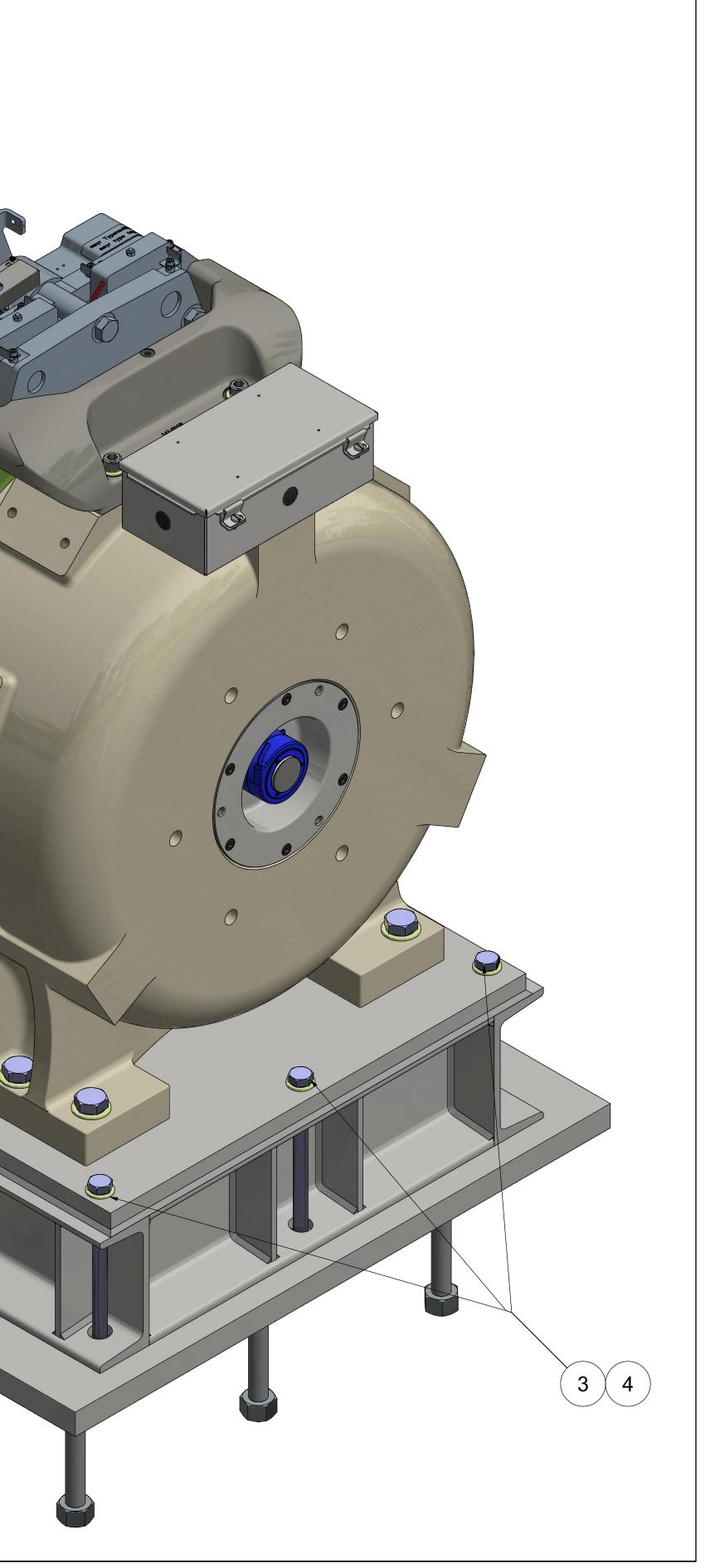
245 ft-lbs FOR 3/4")

FOLLIS

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

2

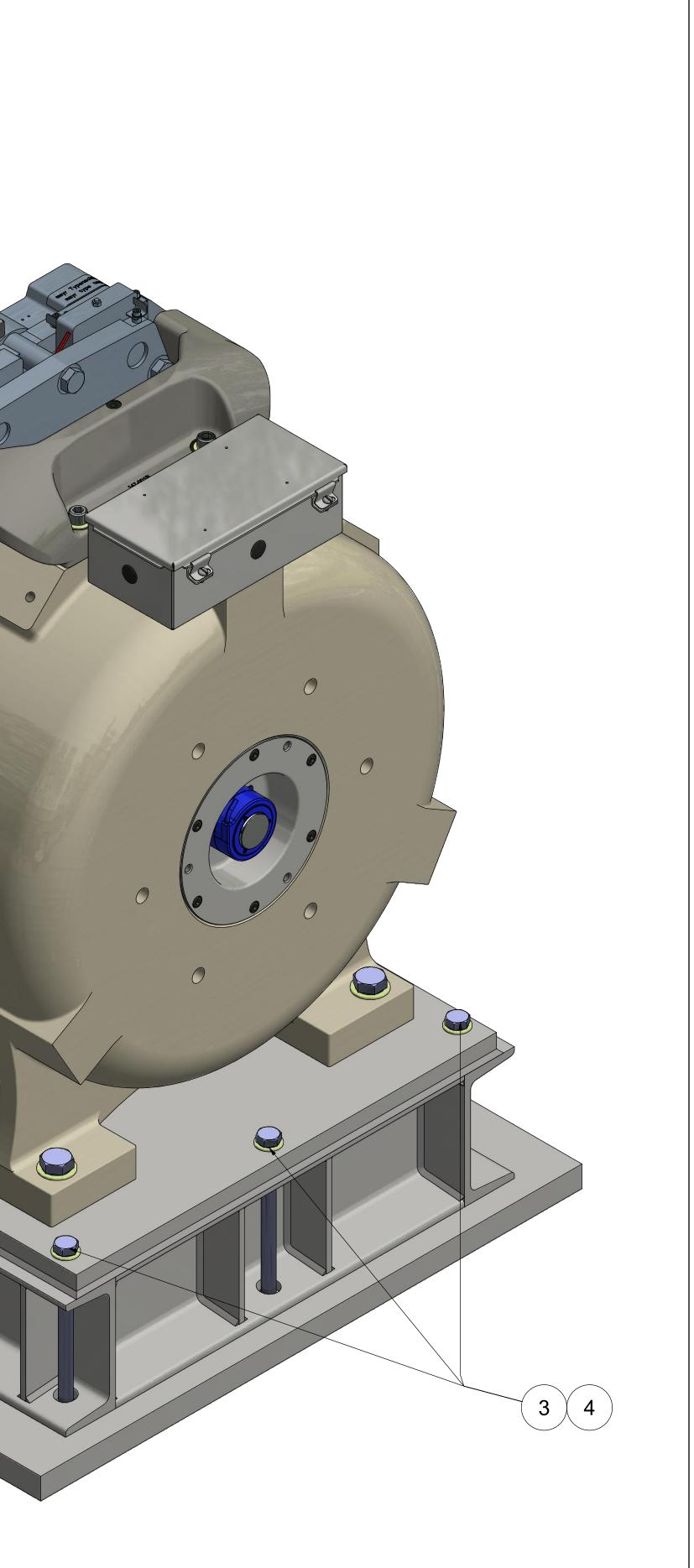
3 4

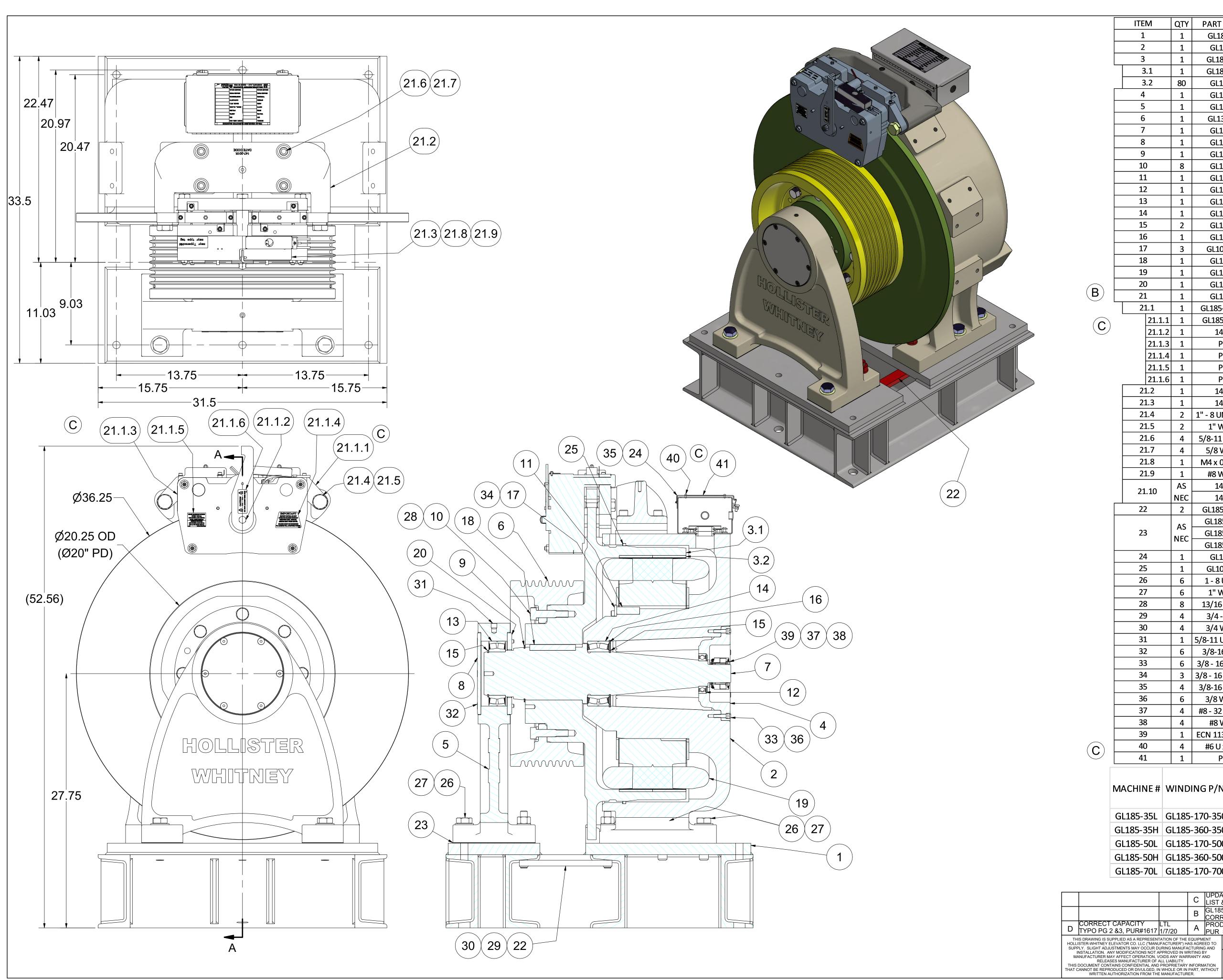


				PARTS LIST	
F	ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
-	1	1	GL185-BS	GEARLESS MACHINE (3000 LBS MAX CAPACITY); 1:1 ROPED	4375.447 lbmass
	2	1	GL185BS-156A	FOUNDATION PLATE ASSEMBLY - GL185 BASEMENT SET	593.364 lbmass
	3	6	3/4 -10 UNC x 10.75"		1.491 lbmass
	4	6	3/4 WASHER	SAE WASHER	0.045 lbmass
			2) AN 3) PL NU 4) 5) TC	INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIESS ID DISCARD SET MACHINE IN PLACE OVER 1" MOUNTING STUE ACE WASHERS AND HAND-SNUG 4 HEAVY HEX JTS ONTO STUDS INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS. TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS O GRADE 5 STANDARDS (APPROX. 575 ft-Ibs FOR 1" 5 ft-Ibs FOR 3/4")	DS,
		Contraction of the second seco	CONTRACTOR OF CO		

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

(3)(4)





ITEM	QTY	PARTN	UMBER	DESCRIPT						
1	1		BS-01	FINISHING BASE, BASEMENT SET, GL185						
2	1	GL18	5-001	BASE HO	USING, MOTOR #GL1	.85				
3	1		-002-1		SSEMBLY - 20" TW -	MOTOR #GL18	35			
3.1	1		-004-1	ROTOR -						
<u>3.2</u> 4	80		5-099 0-005	BEARING	ENT MAGNET - MOT	UK #GL185				
5			5-005 5-006		UTBOARD STAND, AC GEARLESS					
6	1		A-008	20" TRACTION WHEEL						
7	1	GL18	5-018	MAIN SH	AFT - GL185 1:1 MAC	HINE				
8	1	GL18	5-019	END CAP						
9	1		5-020		NG RING - ROTOR					
10 11	8		5-073	BODY BO						
11	1		0-088 5-089		TOR CORE TO BASE					
13			5-005 5-090		, SEALED SINGLE RO					
14	1	GL18	5-091		, SEALED SPHERICAL					
15	2	GL13	0-092	RETAININ	IG RING - SHAFT					
16	1		0-093	RETAINING RING - HOUSING						
17	3		-094-1	CLAMP RING - STATOR ASSEMBLY KEY - MAIN SHAFT TO ROTOR						
<u>18</u> 19	1		5-095 5-100		IN SHAFT TO ROTOR G ASSEMBLY - 40 POL					
20			5-100 5-104	CAP	JASSEIVIDLI - 40 POL	.C.				
20	1		5-104 5-147		KE (MAYR 10.1) ASS	EMBLY				
21.1	1		.47-1155		0.1 BRAKE WITH STA		ERS			
21.1	1 1	GL185-1	147-115	MAYR #1	0.1 BRAKE - RSD10/8	94.510.53S #8	252206			
21.1			-050	BLACK VI						
21.1			L75		RLESS MACHINE BRA					
21.1			L90		NSPECTION & BRAKE					
21.1	_		214 229		30A, GL185 & GL260 I LABEL - DO NOT AD					
21.2	1		-001		ASE - LARGE FRAME (		•			
21.3	1	147	-003	COVER - I	MAYR #10.1 (GL185-:	L47) ELECTRIC	AL			
21.4	2	1" - 8 UN	C x 3 1/2"	HEX CAP	SCREW					
21.5	2		ASHER		RD LOCK WASHER					
21.6	4		NC x 2.5		HEAD CAP SCREW					
21.7 21.8	4		ASHER 7 x 8mm		RD WASHER					
21.8			ASHER		HEAD CAP SCREW (N RD WASHER					
	AS		-026		OUSING SHIM - 0.03	(NOT SHOW	N)			
21.10	NEC		-027		OUSING SHIM - 0.06"		-			
22	2	GL185B	S-156-5	SHIPPING	G BOLT					
	AS		157-05	OUTBOA	RD STAND SHIM - 0.0	)05"				
23	NEC		157-10		RD STAND SHIM - 0.0					
24	1		157-31 5-159		RD STAND SHIM - 0.0 N ELECTRICAL ENCLO					
24			-165-1	FELT DUS		JSURE, A1200				
26	6		NC x 4"		D CAP SCREW					
27	6	1" WA	ASHER	SAE WAS	HER					
28	8		VASHER	HEAVY LO	DCK WASHER					
29	4		0 UNC	HEAVY H						
30	4	· · ·	ASHER	SAE WAS		lat Daint				
31 32	<u> </u>		UNC x 4		Socket Set Screw - F	ται μοιητ				
33	6				HEAD CAP SCREWS					
34	3	· ·		SOCKET HEAD CAP SCREW						
35	4		NC x 0.5		ex Flange Screw - Regular Thread - Inch					
36	6		ashers		hers (Inch Series) H	-	ical Spring L	ock Washers		
37	4		NC - 1/4		Socket Head Cap Sc	rew				
38 39	4		asher 52810061		h Lock Washer	2				
40	4		0.3125	50mm HEIDENHAIN ENCODER DRIVE SCREW						
41	1		L73		AG - PMAC GEARLES	S MACHINE				
							MACHINE			
HINF #	WIND	ING P/N	-		FRAME/MAGNET	VOLTAGE	SPEED	CAR SPEED		
			EFFICIEN	NCY (%)	SIZE (mm)	(Vac)	(RPM)	(fpm)		
35-35L	GI 185	-170-350	9	0	185	170	53.48	280		
		-360-350			185	360	53.48	280		
		-300-350			185	170	76.39	400		
	JLTO)				185	360	76.39	400		
35-50L					185	170	106.95	400 560		
85-50L 85-50H	GL185		<u> </u>		COT	1/0	700.22	00		
85-50L 85-50H		-170-700	9	0						
85-50L 85-50H		-170-700	E BRAKE PA	RTS LTL		ΙΙζΎΓΓ				
85-50L 85-50H		-170-700 C UPDAT LIST &	E BRAKE PA TAGS, PUR ;	RTS LTL #1260 1/7/2	10 HOI	LISTER	R-WHITI			
85-50L 85-50H 85-70L	GL185	-170-700 C UPDAT LIST & B GL185- CORRE	E BRAKE PA TAGS, PUR ; 147 BRAKE # CTED, PUR	ARTS LTL #1260 1/7/2 # LTL #1238 11/2 <sup>-</sup>	1/19_TITLE	ELEVATOR	R-WHITI R CO. LLC	NEY		
85-50L 85-50H 85-70L	GL185	-170-700 C UPDAT LIST & B GL185- CORRE A PRODU PUR #7	E BRAKE PA TAGS, PUR 147 BRAKE # CTED, PUR CTION RELI 1111	ARTS LTL #1260 1/7/2 # LTL #1238 11/2 <sup>;</sup> EASE, LTL 10/2;	1/19 TITLE GL185 W/20" <sup>-</sup> 3/19 1:1,	ELEVATOR I.W., 4375 LB BASEMENT	R-WHIT R CO. LLC S 50% CB M SET ASSEME	AX CAPACITY BLY		
85-50L 85-50H 85-70L CITY L UR#1617 1, s a REPRESENTATION CO. LLC ("MANUF/ MAY OCCUR DUR MAY OCCUR DUR	GL185	-170-700 C UPDAT LIST & B GL185- CORRE A PRODU PUR # QUIPMENT SAGREED TO TURING AND	E BRAKE PA TAGS, PUR ; 147 BRAKE # CTED, PUR ICTION RELI	ARTS LTL #1260 1/7/2 # LTL #1238 11/2 <sup>;</sup> EASE, LTL 10/2;	1/19 1/19 TITLE GL185 W/20" <sup>-</sup> 3/19 1:1, TON DRAWN SCALE MAT BY	ELEVATOR I.W., 4375 LB BASEMENT	R-WHITI R CO. LLC S 50% CB M SET ASSEME	NEY AX CAPACITY BLY EFERENCE TOL. DIMENSIONS REFERENCE		
85-50L 85-50H 85-70L	GL185	-170-700 C UPDAT LIST & B GL185- CORRE A PRODU PUR #7 QUIPMENT SAGREED TO TUTING AND ITUTING AND NFORMATION	E BRAKE PA TAGS, PUR 147 BRAKE # CTED, PUR CTION RELI 1111	ARTS LTL #1260 1/7/2 # LTL #1238 11/2 <sup>;</sup> EASE, LTL 10/2;	1/19 TITLE GL185 W/20" <sup>-</sup> 3/19 1:1, TON DRAWN SCALE MAT	ELEVATOR I.W., 4375 LB BASEMENT	R-WHITI R CO. LLC S 50% CB M SET ASSEME	NEY AX CAPACITY BLY EFERENCE TOL.		

				PARTS LIST	
	ITEM	QTY	PART NUMBER	DESCRIPTION	MASS
(D)	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

FOLLIST

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

P

1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2) 2) REMOVE TWO (2) SHIPPING BOLT ASSEMBLIESS AND DISCARD

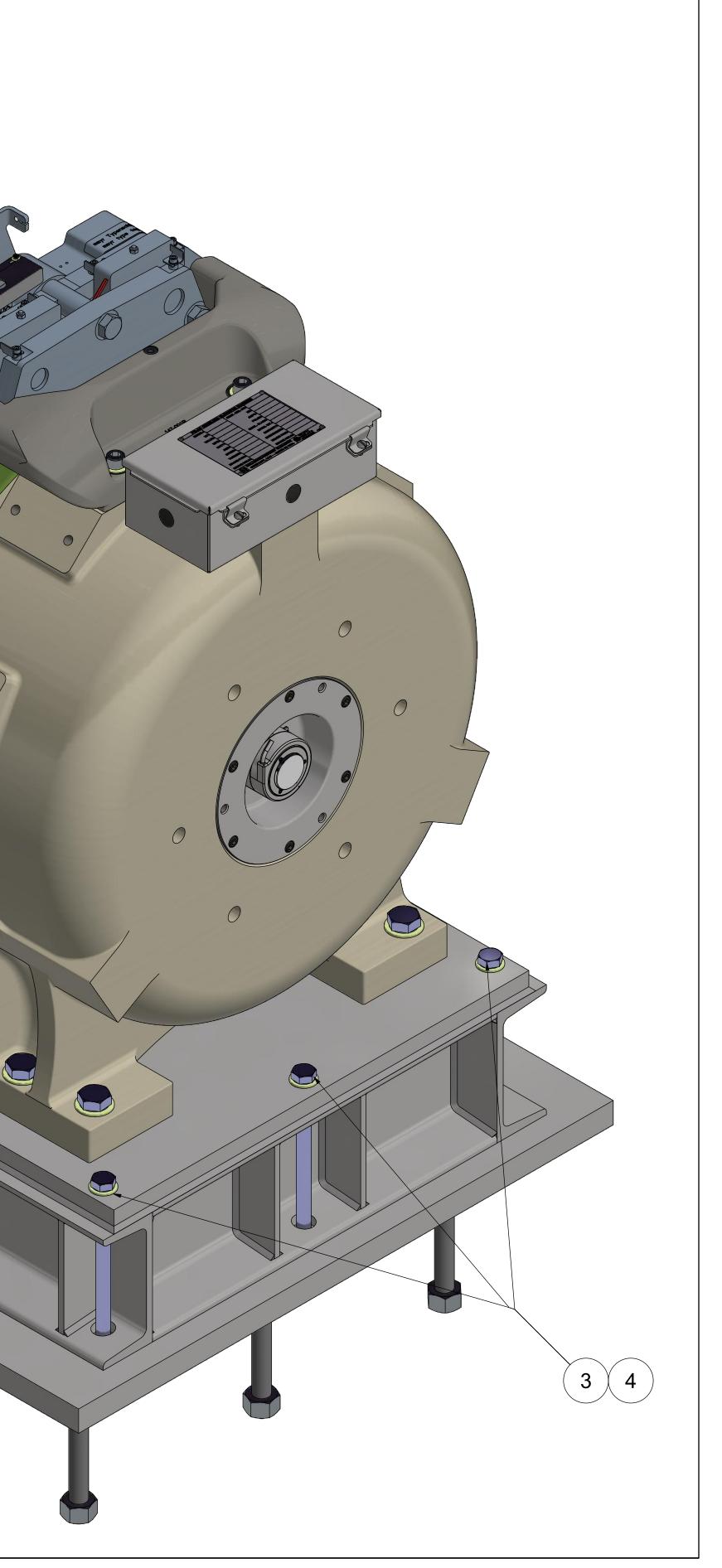
3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS

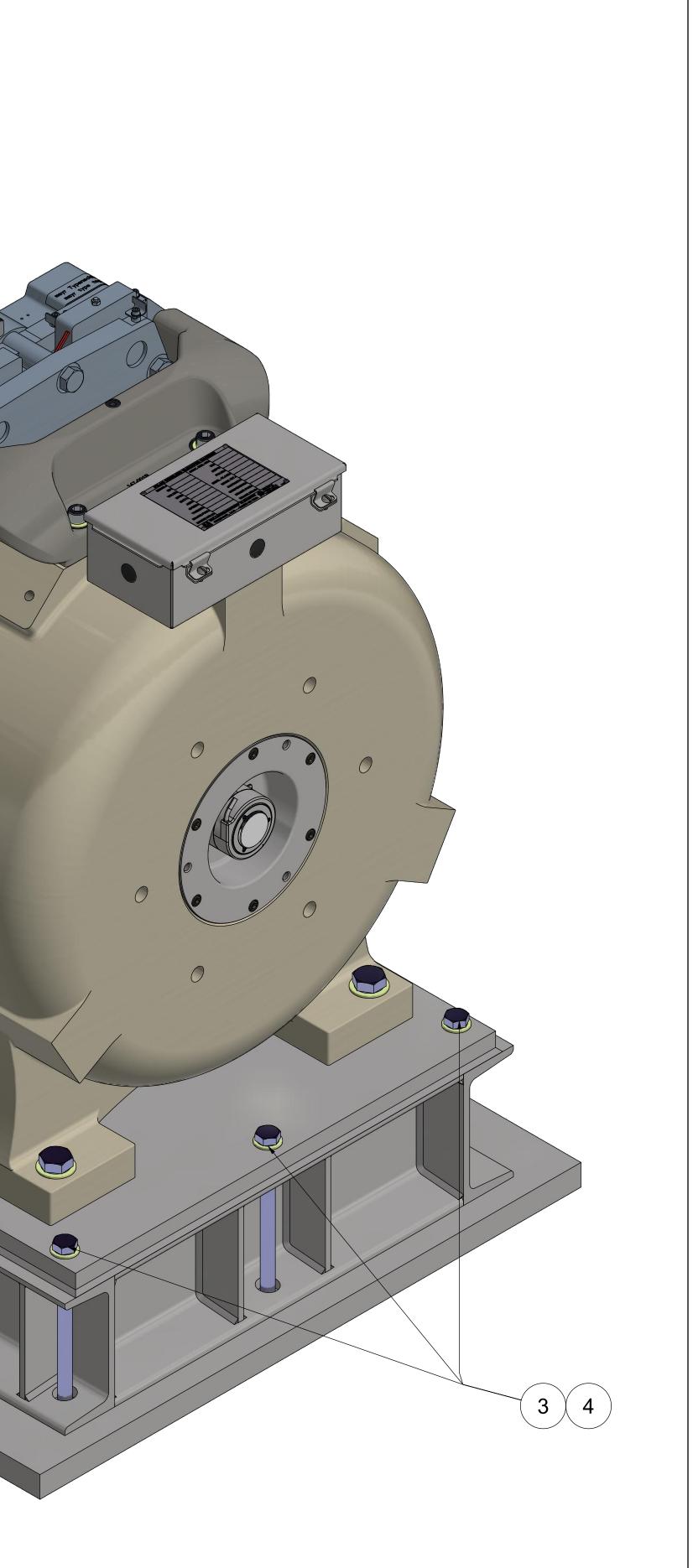
4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS. 5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")

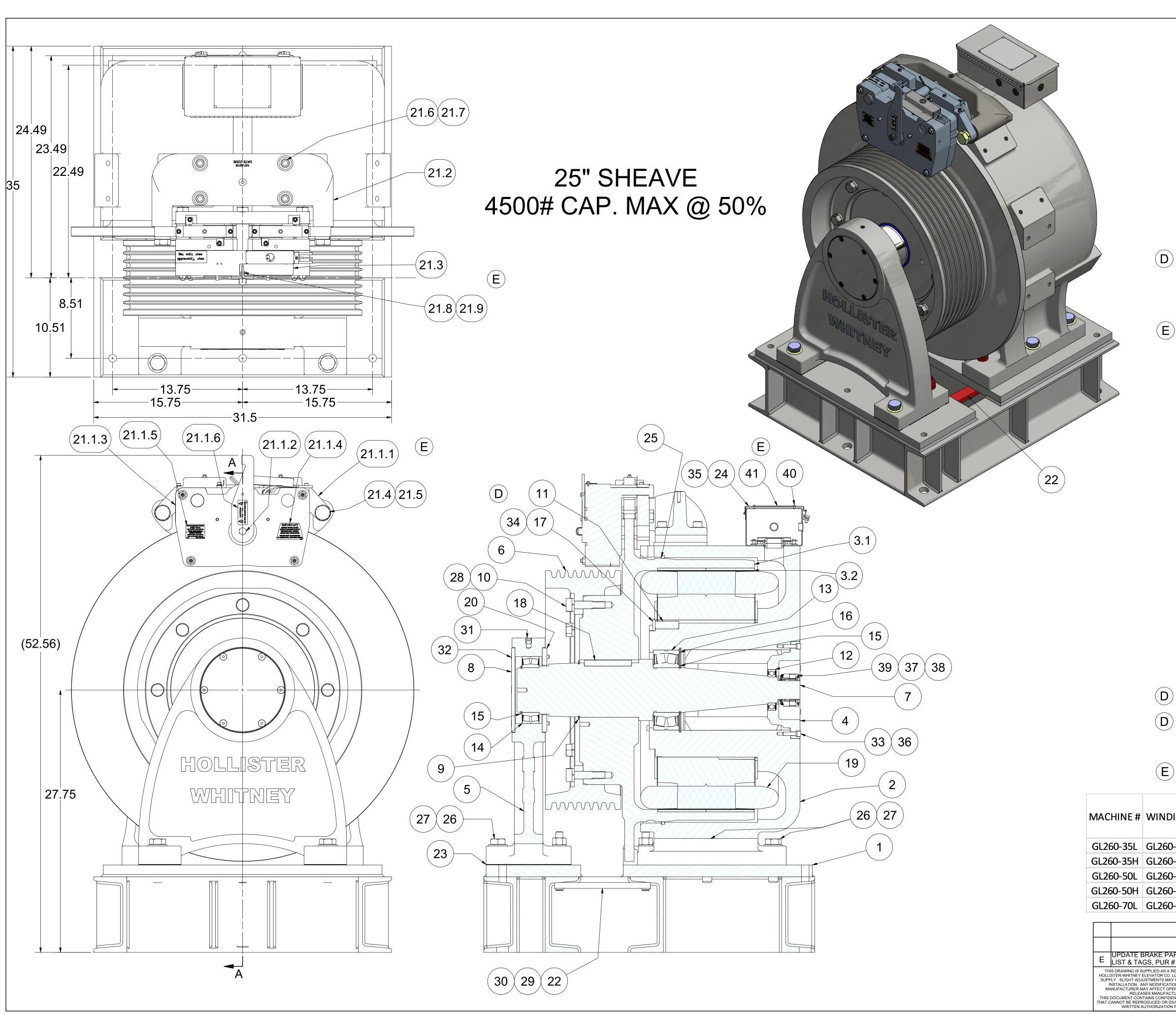
> REMOVE SHIPPING BOLT ASSEMBLIES (THESE LOCATIONS), PLACE MACHINE OVER 1" MOUNTING STUDS

2

3 4







┝	ITEM	QTY		RTNUMBER	DESCRI				
I	1	1		L260BS-01			SEMENT SET,	GL260	
	2	1		GL260-001 GL260-002		OUSING, MO	MOTOR #GL260	<u></u>	
	3.1	1		GL260-002	ROTOR			00	
	3.2	80		GL260-004			ET - #GL260 8	& GL130A M	OTORS
Γ	4	1		GL260-005	BEARIN				
	5	1		GL185-006	ОИТВО	ARD STAND,	AC GEARLESS		
	6	1		GL185-008	TRACTI	ON SHEAVE,	25"		
	7	1		GL260-018	MAIN S	SHAFT			
	8	1		GL185-019	END CA	AP			
	9	1		GL185-020		IING RING - R	OTOR		
	10	8		GL185-073	BODY B				
	11			GL100-088		TATOR CORE			
-	<u>12</u> 13	1		GL185-089 GL130-090		-	INGLE ROW D		E BALL
-	13	1		GL130-090 GL185-090			PHERICAL ROL		
	15	2		GL130-092		IING RING - S			
_	16	1		GL130-093		IING RING - H			
$\mathbf{b}$	17	3		100-094-1		- STATOR AS			
	18	1		GL185-095	KEY - N	IAIN SHAFT T	O ROTOR		
	19	1		GL260-100	WINDI	NG ASSEMBL	Y - 40 POLE		
	20	1	C	GL185-104	САР				
	21	1	0	GL185-147		•	10.1) ASSEMB		
_	21.1	1		85-147-1155			WITH STANDA		
	21.1.1		GL1	185-147-115			- RSD10/894.5	10.535 #825	2206
	21.1.2			142-050		VINYL CAP			ΓΛ
	21.1.3			P-175			CHINE BRAKE		
	21.1.4 21.1.5			P-190 P-214			& BRAKE BUI		
	21.1.6			P-214 P-229	-	-	O NOT ADJUS		CI
	21.1.0			147-001	BRAKE				
	21.2	1		147-001			1 ELECTRICAL		
	21.4	2	1-8	3 UNC - 3.25		p Screw			
	21.5	2		WASHER		Spring Lock V	Washers		
	21.6	4		11 UNC x 2.5"		T HEAD CAP S			
	21.7	4	5/	8 WASHER	STAND	ARD WASHEF	۲		
	21.8	1	M4	x 0.7 x 8 mm	SHCS -	METRIC			
	21.9	1	#8	8 WASHER		ARD WASHE			
	21.10	AS NEC		143-026			IM - 0.03" (NO	ŗ	
Г		-		143-027	BRAKE HOUSING SHIM - 0.06" (NOT SHOWN) SHIPPING BOLT				
┝	22	2		185BS-156-5 185-157-05					
	23	AS NEC		.185-157-05	OUTBOARD STAND SHIM - 0.005" OUTBOARD STAND SHIM - 0.010"				
				.185-157-10			SHIM - 0.010 SHIM - 0.031"		
F	24	1		GL185-159				RE, A12064C	H MODIFIED
		1		100-165-1		JST SEAL			
I	25		1-	8 UNC x 4"	HEX HE	AD CAP SCRE	W		
	25 26	6							
		6 6	1	" WASHER	SAE WA	ASHER			
	26 27 28	6 8	13/	16 WASHER	SAE WA Heavy	Helical Spring	g Lock Washe	rs(Inch Serie	es)
	26 27 28 29	6 8 4	13/ 3/	16 WASHER /4 - 10 UNC	SAE WA Heavy HEAVY	Helical Sprinរ HEX NUT	g Lock Washe	rs(Inch Serio	es)
	26 27 28 29 30	6 8 4 4	13/ 3/ 3/	16 WASHER 4 - 10 UNC 4 WASHER	SAE WA Heavy HEAVY SAE WA	Helical Spring HEX NUT ASHER	-	rs(Inch Serio	es)
	26 27 28 29 30 31	6 8 4 4 1	13/ 3/ 3/ 5/8-1	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625	SAE WA Heavy HEAVY SAE WA FLAT PO	Helical Spring HEX NUT ASHER DINT SET SCR	EW	rs(Inch Serio	es)
	26 27 28 29 30 31 32	6 8 4 4 1 6	13/ 3/ 3/ 5/8-1 3/8	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT H	Helical Spring HEX NUT ASHER OINT SET SCR EAD CAP SCR	EW EWS		es)
	26 27 28 29 30 31 32 33	6 8 4 4 1 6 6	13/ 3/ 5/8-1 3/8 3/8 -	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT H Hexago	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea	EW EWS ad Cap Screw		es)
	26 27 28 29 30 31 32	6 8 4 4 1 6 6 3	13/ 3/ 5/8-1 3/8 3/8 - 3/8 -	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea	EW EWS ad Cap Screw ad Cap Screw		es)
	26 27 28 29 30 31 31 32 33 33 34	6 8 4 4 1 6 6	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8-	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea ange Screw -	EW EWS ad Cap Screw ad Cap Screw Regular Threa	ad - Inch	es)
	26 27 28 29 30 31 31 32 33 33 34 35	6 8 4 4 1 6 6 3 4	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8-	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hex Fla High-Co	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea ange Screw - ollar Helical S	EW EWS ad Cap Screw ad Cap Screw	ad - Inch	es)
	26 27 28 29 30 31 31 32 33 33 34 35 36	6 8 4 1 6 6 3 4 6	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8- 3/8-	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5 8 Washers	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago Hexago Hexago	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea ange Screw - ollar Helical S	EW EWS ad Cap Screw ad Cap Screw Regular Threa Spring Lock W ad Cap Screw	ad - Inch	es)
	26 27 28 29 30 31 31 32 33 33 34 35 36 37	6 8 4 1 6 6 3 4 6 4	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8- 3/ 8- 3/ 8- 3/ 8- 3/	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 3-16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5 8 Washers 32 UNC - 1/4	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago Hexago EXT. TO	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea ange Screw - ollar Helical S on Socket Hea	EW EWS ad Cap Screw ad Cap Screw Regular Threa Spring Lock W ad Cap Screw /ASHER	ad - Inch	es)
	26 27 28 29 30 31 32 33 33 34 35 36 37 38 39 40	6 8 4 1 6 6 3 4 6 4 4 4	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8- 3/8- 3/8- 3/ 8- 3/2 #8- #8 L0 ECN	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 3-16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5 8 Washers 32 UNC - 1/4 DCK WASHER	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago Hexago EXT. TO	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea on Socket Hea on Socket Hea DOTH LOCK W HEIDENHAIN	EW EWS ad Cap Screw ad Cap Screw Regular Threa Spring Lock W ad Cap Screw /ASHER	ad - Inch	es)
	26 27 28 29 30 31 31 32 33 33 34 35 36 37 38 39	6 8 4 1 6 6 3 4 6 4 4 4 1	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8- 3/8- 3/8- 3/ 8- 3/2 #8- #8 L0 ECN	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5 8 Washers 32 UNC - 1/4 DCK WASHER 113 52810061	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago Hex Fla High-Co Hexago EXT. TO 50mm	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea on Socket Hea on Socket Hea OTH LOCK W HEIDENHAIN SCREW	EW EWS ad Cap Screw ad Cap Screw Regular Threa Spring Lock W ad Cap Screw /ASHER	ad - Inch ashers	es)
	26 27 28 29 30 31 32 33 34 35 36 37 38 37 38 39 40 41	6         8         4         1         6         6         3         4         6         4         4         4         4         4         4         4         1         4         1         4         1	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8- 3/8- 3/ 8- 4/8 - #8 L0 ECN #6	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 -16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5 8 Washers 32 UNC - 1/4 OCK WASHER 113 52810061 0 U x 0.3125 P-173	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT HI Hexago Hexago Hexago EXT. TO 50mm DRIVE S MOTOF	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea on Socket Hea OTH LOCK W HEIDENHAIN SCREW R TAG - PMAC	EW EWS ad Cap Screw ad Cap Screw Regular Threa Spring Lock W ad Cap Screw /ASHER ENCODER ENCODER	ad - Inch ashers ACHINE	
	26 27 28 29 30 31 32 33 34 33 34 35 36 37 38 37 38 39 40 41 41	6 8 4 1 6 6 3 4 6 4 4 4 4 1 4 1 1 4 1	13/ 3/ 5/8-1 3/8 3/8- 3/8- 3/8- 3/8- 3/8- 3/8- 3/8-	16 WASHER 4 - 10 UNC 4 WASHER 1 UNC x 0.625 - 16 UNC x 4 16 UNC - 1 1/2 16 UNC - 1 1/4 16 UNC x 0.5 8 Washers 32 UNC - 1/4 DCK WASHER 113 52810061 0 U x 0.3125 P-173 FRAME/MA	SAE WA Heavy HEAVY SAE WA FLAT PO FLAT PO FLAT HI Hexago Hex Fla High-Co Hexago EXT. TO 50mm DRIVE S MOTOF	Helical Spring HEX NUT ASHER DINT SET SCR EAD CAP SCR on Socket Hea on Socket Hea on Socket Hea on Socket Hea OTH LOCK W HEIDENHAIN SCREW R TAG - PMAC	EW EWS ad Cap Screw ad Cap Screw Regular Threa Spring Lock W ad Cap Screw /ASHER ENCODER ENCODER	ad - Inch ashers ACHINE CAR SPEE	
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			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

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3 4

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

P

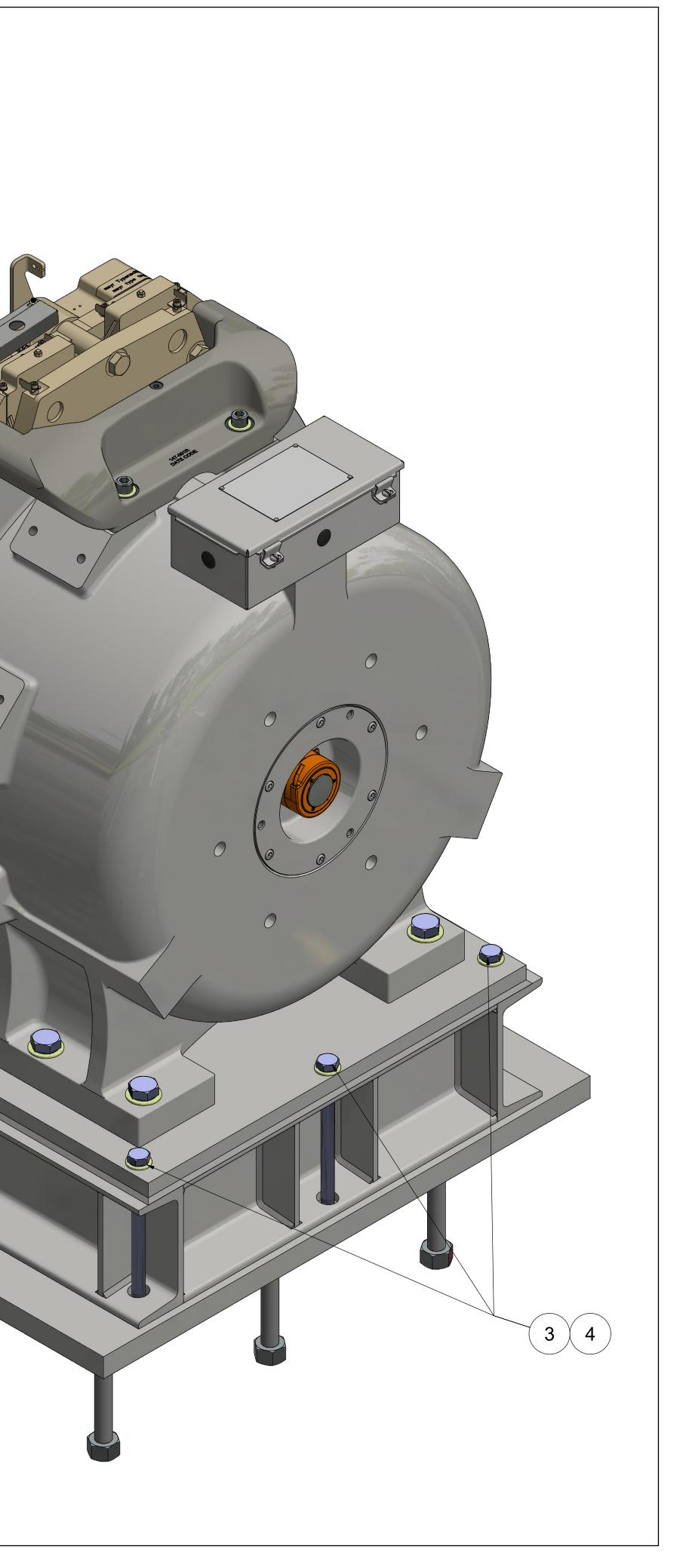
WHITTNE

# 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")

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



	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						

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

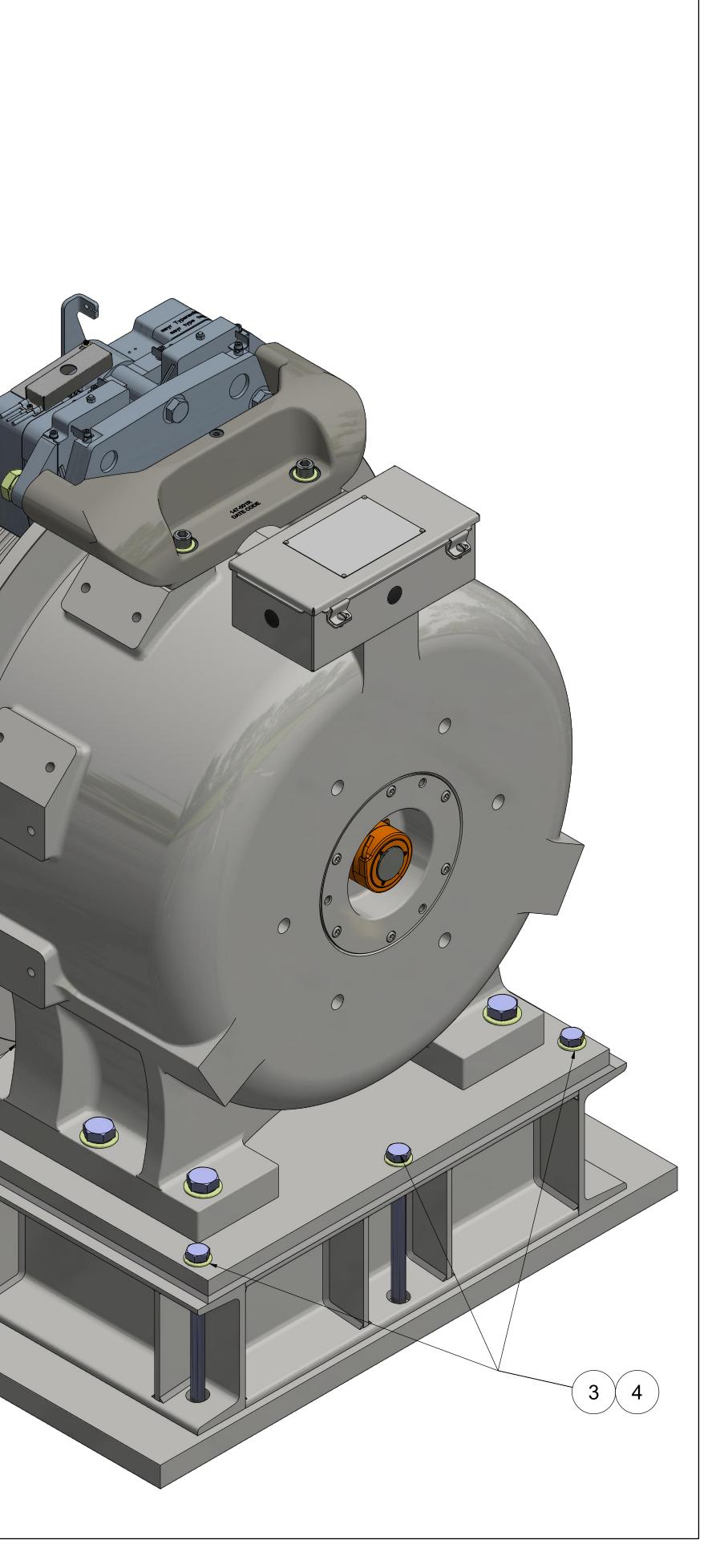
# 1) INSTALL FOUNDATION PLATE ASSEMBLY (ITEM 2) 2) REMOVE TWO (2) 3/4" SHIPPING BOLT ASSEMBLIES AND DISCARD 3) SET MACHINE IN PLACE OVER 1" MOUNTING STUDS, PLACE WASHERS AND HAND-SNUG 4 HEAVY HEX NUTS ONTO STUDS 4) INSTALL 6X 3/4" GR.5 BOLTS AND WASHERS.

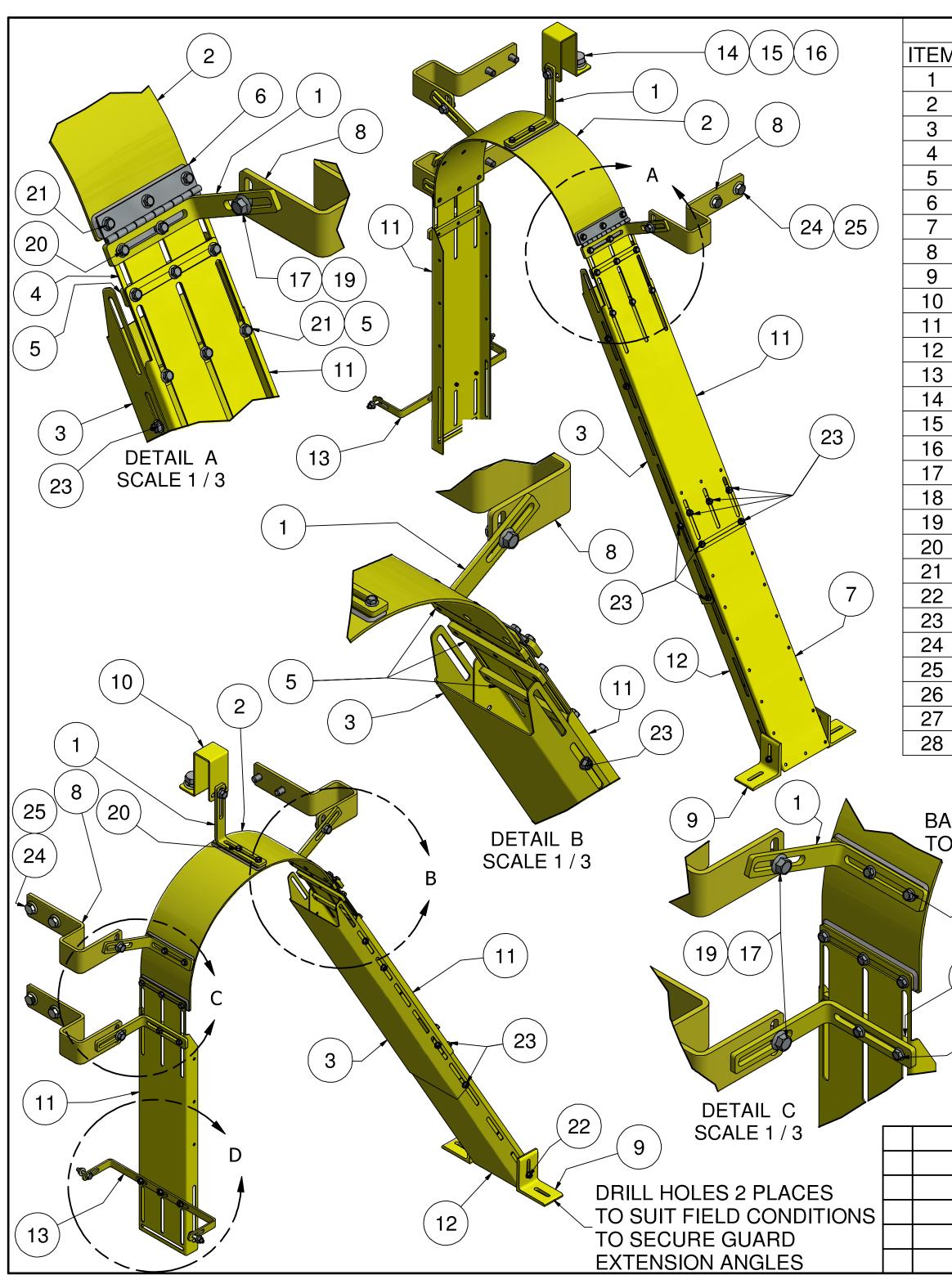
5) TIGHTEN 4X 1" HEAVY HEX NUTS & 6X 3/4" BOLTS TO GRADE 5 STANDARDS (APPROX. 575 ft-lbs FOR 1" & 245 ft-lbs FOR 3/4")

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

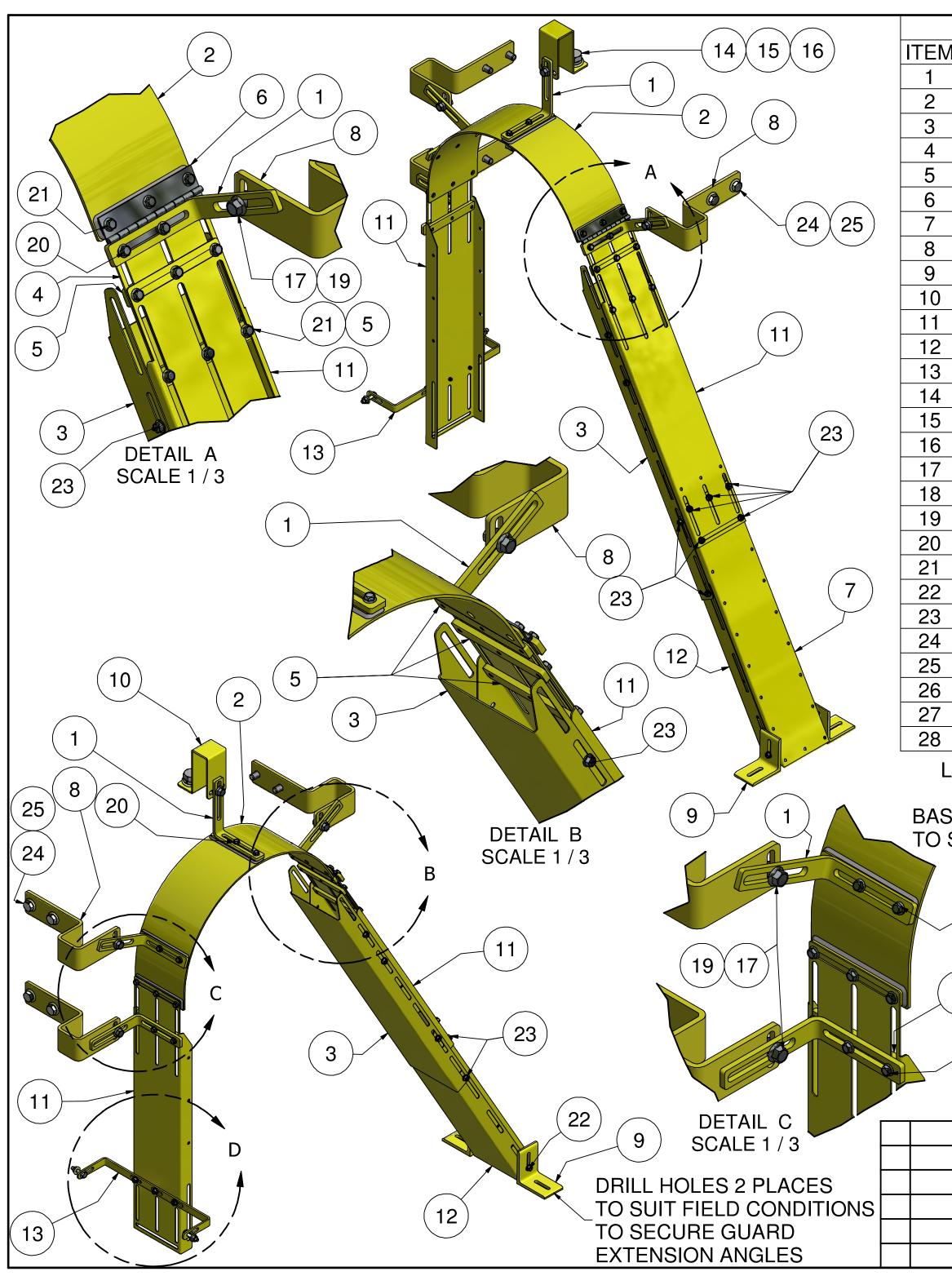
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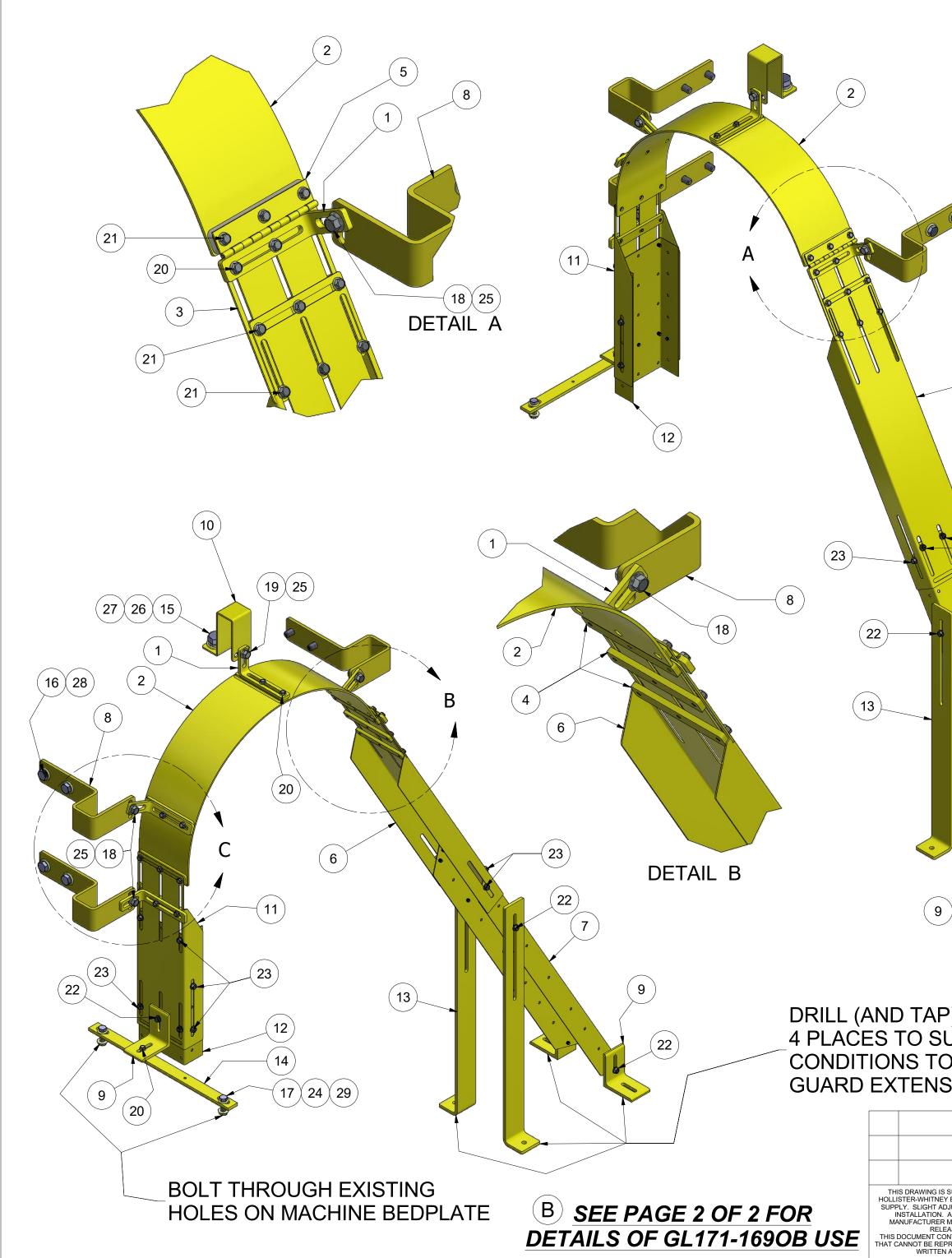




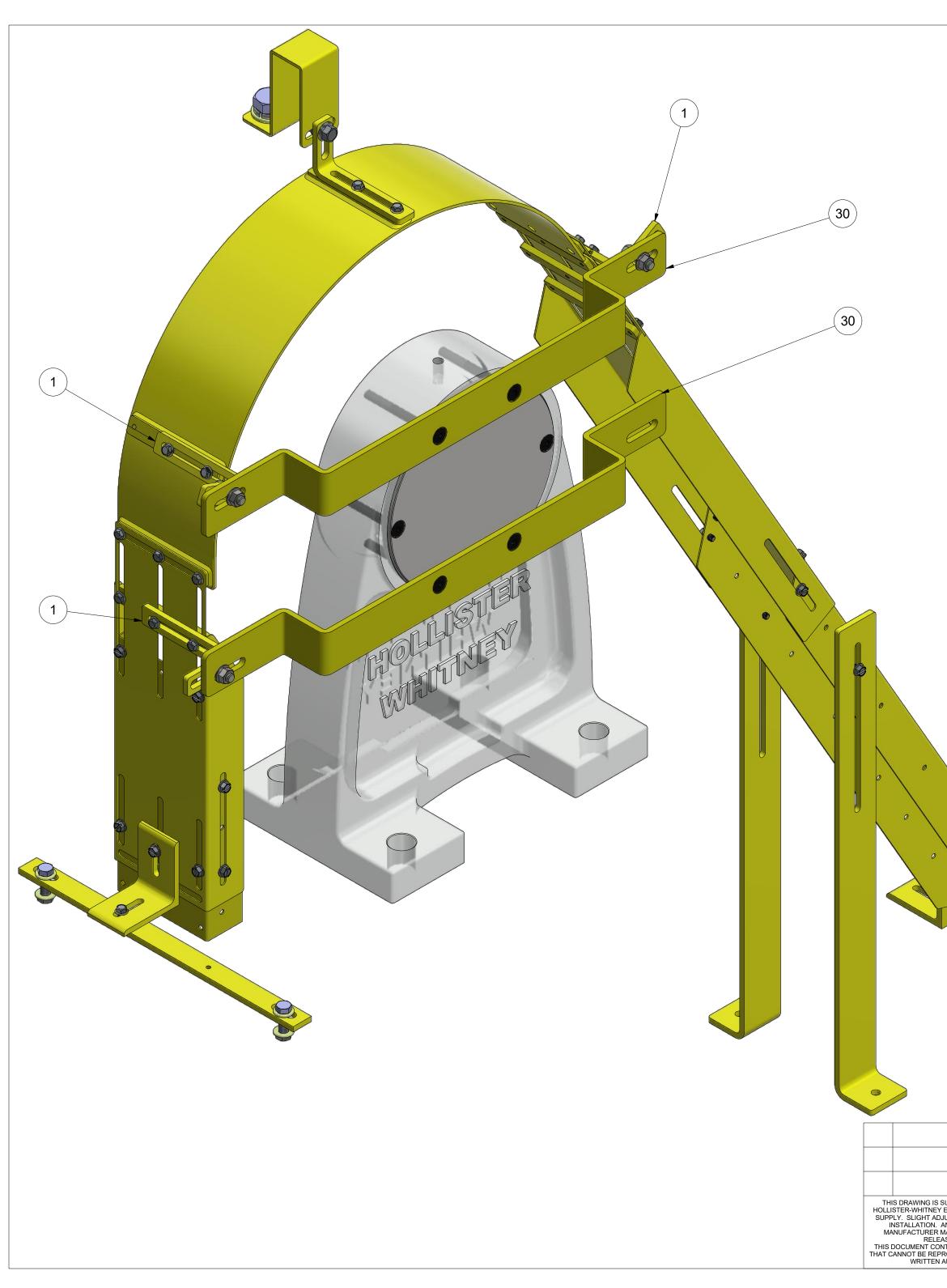
<b>•</b> • •			PARTS LIST
M	QTY	PART NUMBER	DESCRIPTION
	4	GL101-160	GUARD BRACKET
	1	GL101-161	GUARD ASSEMBLY - 15" TW
	1	GL101-163	BOTTOM EXTENSION COVER - LONG
	1	GL171-164	GUARD BRACKET
	4	GL171-165	GUARD BRACKET
	1	GL171-166	HINGE - GUARD
	1	GL101-168	GUARD EXTENSION - LONG
	3	GL171-169	HOUSING TO GUARD BRACKET - HEAVY
	2	GL171-170	FLOOR TO GUARD BRACKET
)	1	GL171-171	HOUSING TO GUARD BRACKET - CENTER
	2	GL101-172	TOP EXTENSION - LONG
)	<u> </u>	GL101-172	BOTTOM EXTENSION COVER - SHORT
2	- 1 - 1	GL101-175	GUARD TO BASE BRACKET
)	1 1	3/4 - 10 UNC x 1.0	HEX HEAD CAP SCREW
	1 -1		
<b>)</b>	 	3/4" WASHER	STANDARD LOCK WASHER
) ,	 	3/4 WASHER	SAE WASHER
	3	3/8 - 16 UNC x 0.75"	WHIZ BOLT
5		3/8 - 16 UNC x 0.625"	
)	4	3/8 UNC	WHIZ NUT
)	8	1/4 - 20 UNC x 0.625"	
	14	1/4 - 20 UNC x 0.375"	
<b>)</b> -	2		HEX WASHER THREAD FORMING - TYPE F
}	17		HEX WASHER THREAD FORMING - TYPE F
-	6	1/2 - 13 UNC x 1.0	HEX HEAD CAP SCREW
)	6	1/2" WASHER	STANDARD WASHER
;	2	1/4 - 20 UNC x 1.25"	HEX HEAD CAP SCREW
,	2	1/4 - 20 UNC	HEX NUT
}	4	1/4" WASHER	STANDARD WASHER
L	OCA <sup>.</sup>	TE & DRILL 2x 5/32"	
		<b>IOLES IN MACHINE</b>	
AS	E & S	SECURE 1/4" BOLTS	
0 9	SUIT	FIELD CONDITIONS	DETAIL D SCALE 1 / 3
•	$\frown$		SUALE 1/3
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	(20)	)	
		(	28 ( 28 ( 27 ( 26 )
			(23) WEIGHT: 31.6 lbmass
			HOLLISTER-WHITNEY
			ELEVATOR CO. LLC
			TITLE GUARD ASSEMBLY - SMALL FRAME GEARLESS
			MACHINE, 15" T.W.
			BY I TI 1/6 SEE PARTS LIST ALL DIRENSIONS REFERENCE UNLESS OTHERWISE
			EASE, LTL SHEET SIZE DATE GL101-176
		PUR # 921	12/13/17 C 12/12/2017 SHEET 1 OF 1



			PARTS LIST
M	QTY	PART NUMBER	DESCRIPTION
	4	GL101-160	GUARD BRACKET
	1	GL101-161-1	GUARD ASSEMBLY - 15.75" TW
	1	GL101-163	BOTTOM EXTENSION COVER - LONG
	1	GL171-164	GUARD BRACKET
	4	GL171-165	GUARD BRACKET
	1	GL171-166	HINGE - GUARD
	1	GL101-168	GUARD EXTENSION - LONG
	3	GL171-169	HOUSING TO GUARD BRACKET - HEAVY
	2	GL171-170	FLOOR TO GUARD BRACKET
	<u> </u>	GL171-171	HOUSING TO GUARD BRACKET - CENTER
/	-		
	2	GL101-172	TOP EXTENSION - LONG
<u>.</u>	1	GL101-173	BOTTOM EXTENSION COVER - SHORT
	1	GL101-175	GUARD TO BASE BRACKET
•	1	3/4 - 10 UNC x 1.0	HEX HEAD CAP SCREW
)	1	3/4" WASHER	STANDARD LOCK WASHER
)	1	3/4 WASHER	SAE WASHER
,	3	3/8 - 16 UNC x 0.75"	WHIZ BOLT
;	1	3/8 - 16 UNC x 0.625"	WHIZ BOLT
)	4	3/8 UNC	WHIZ NUT
)	8	1/4 - 20 UNC x 0.625"	WHIZ BOLT
	14	1/4 - 20 UNC x 0.375"	WHIZ BOLT
)	2		
	17	1/4 - 20 UNC x 0.375"	
,	6	1/2 - 13 UNC x 1.0	HEX HEAD CAP SCREW
	6	1/2" WASHER	STANDARD WASHER
<b>)</b>			
) ,	2	1/4 - 20 UNC x 1.25"	
	2	1/4 - 20 UNC	HEX NUT
5	4	1/4" WASHER	STANDARD WASHER
LC	CAT	E & DRILL 2x 5/32"	
	H	OLES IN MACHINE	_ DETAIL D
SE	E & S	ECURE 1/4" BOLTS	SCALE 1 / 3
S	UIT F	FIELD CONDITIONS /	
			(13)(11)
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(	(20)	(	
	$\checkmark$		
			WEIGHT: 31.7 lbmass
			HOLLISTER-WHITNEY
			ELEVATOR CO. LLC
			GUARD - SMALL FRAME GEARLESS MACHINE, 15.75" T.W.
			DRAWN SCALE MATERIAL REFERENCE TOL.
			LTL 1/6 SEE PARTS LIST UNLESS OTHERWISE SPECIFIED
		A PRODUCTION REL PUR # 918	EASE, LTL SHEET SIZE DATE GL101-177 4/16/18 C 4/16/2018 SHEET 1 OF 1



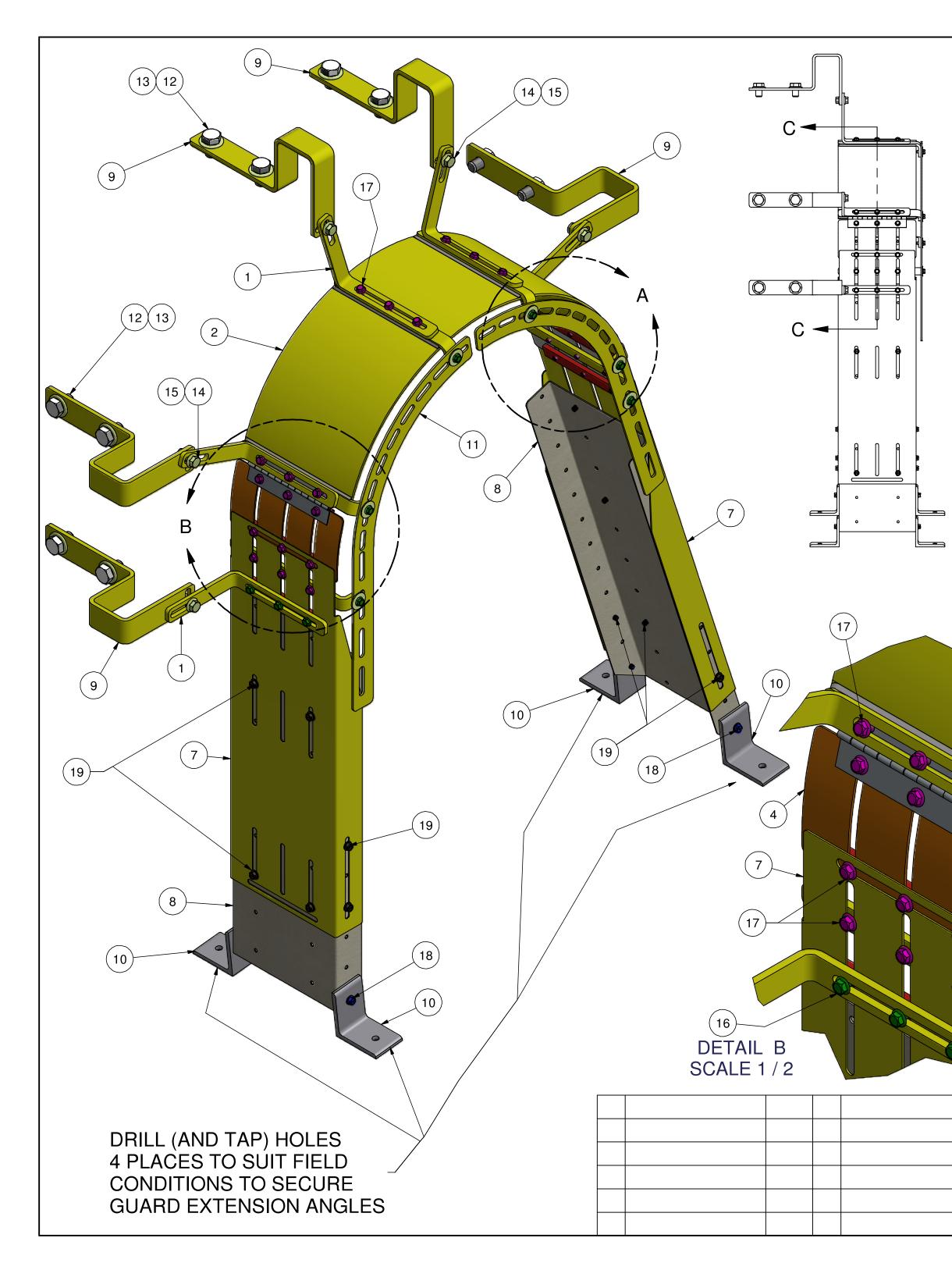
				PARTS LIST
	ITEM	-	PART NUMBER	DESCRIPTION GUARD BRACKET
	1 2	<u>4</u> 1	GL171-160 GL171-161	GUARD BRACKET GUARD ASSEMBLY - AC GEARLESS 20" TW
	3	1	GL171-164	GUARD BRACKET
	4	4	GL171-165	GUARD BRACKET
	5	1	GL171-166	HINGE - GUARD
	6	1	GL171-167	TOP EXTENSION
	7	1	GL171-168	GUARD EXTENSION - LONG
	8	3	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"	
	16 17	6 2	1/2" - 13 UNC x 1" 3/8" - 16 UNC x 1 1/4"	HEX CAP SCREW HEX CAP SCREW
	17	2	3/8 - 16 UNC x 1 1/4	WHIZ BOLT
	19		3/8 - 16 UNC x 0.625"	
6	20	9	1/4 - 20 UNC x 0.625"	WHIZ BOLT
	20	9 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
(23)	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)
	7			
ND TAP) HOLES S TO SUIT FIELD ONS TO SECURE EXTENSION ANGLES	5			DETAIL C
		CORF	RECTED ITEM 17 DRO	
	C	PAR	RT #, PUR #1144 07/12/1	$_{9}$ <b>NOLLISIEK-WHINEI</b>
	В			9 TITLE ELEVATOR CO. LLC
	А	PRODU	ICTION RELEASE, LTL PUR #539 10/31/1	GUARD - GL171 GEARLESS MACHINE, 20" T.W.
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF T			THIRD ANGLE PROJECTIO	
HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER" SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANU INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN	ÚFACTURING	AND		BY SEE DADTS LIST ALL DIMENSIONS REFERENCE
MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY W RELEASES MANUFACTURER OF ALL LIABILITY THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETA	/ARRANTY AM Y.	ND		LTL     1 / 6     SEE PARTS LIST     UNLESS OTHERWISE SPECIFIED       SHEET SIZE     DATE     GL171-176
THAT CANNOT BE REPRODUCED OR DIVILGED, IN WHOLE OR WRITTEN AUTHORIZATION FROM THE MANUFACT	R IN PART, WI		$\smile \forall$	C 10/30/2012 GL 17 1-17 0 SHEET 1 OF 2
		I		



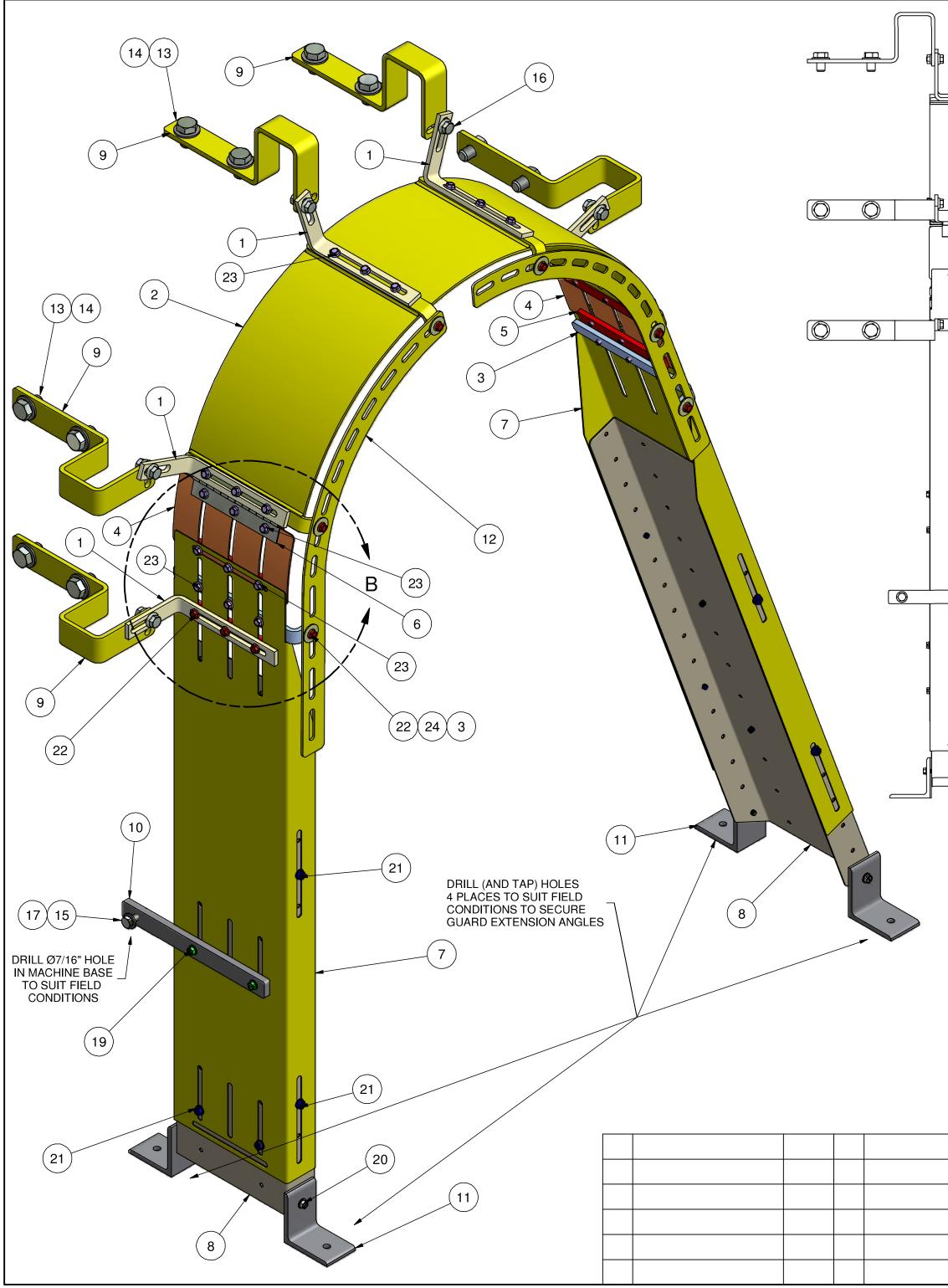
# GL171-169OB (ITEM 30) USAGE DETAILS

- 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 ORIENTATIÓN OF PARTS

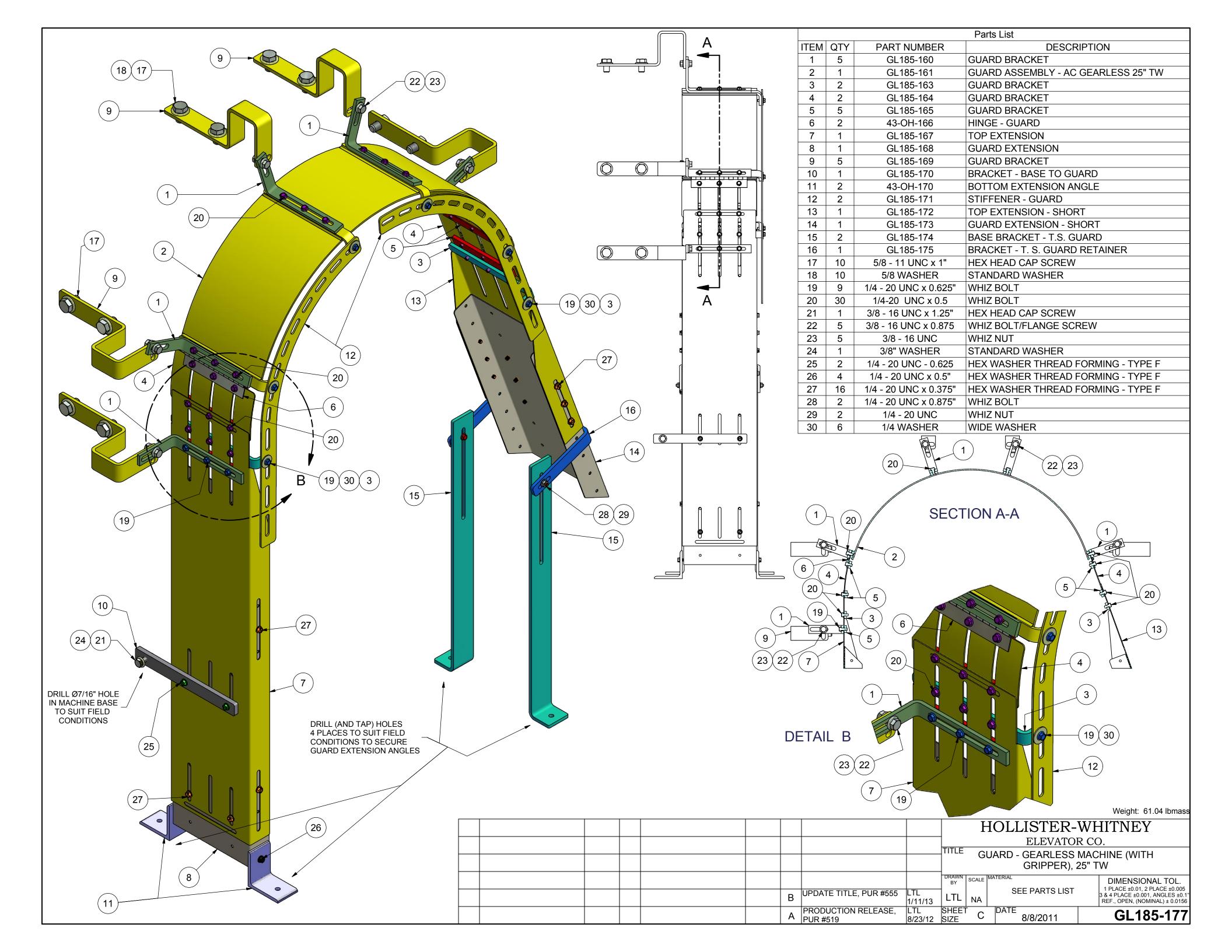
									WEIG	HT: 158.549 lbmass
		С		RRECTED ITEM 17 ART #, PUR #1144	DRO 07/12/19		H	OLLISTER-	WH]	TNEY
		В	ADD	OPTIONAL PART, PUR #1100	LTL 04/29/19	ELEVATOR CO. LLC				
		А	PRO	DUCTION RELEASE, PUR #539	LTL 10/31/12	G	UARD	- GL171 GEARLES	S MAC	HINE, 20" T.W.
SUPPLIED AS A REPRESENT ' ELEVATOR CO. LLC ("MANU JUSTMENTS MAY OCCUR DI	FACTURER") H	AS AGRE	ED TO	THIRD ANGLE PRO	JECTION	DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.
ANY MODIFICATIONS NOT A MAY AFFECT OPERATION, V ASES MANUFACTURER OF A	OIDS ANY WAR			$\square \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \square \qquad \qquad \square \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \square \qquad \qquad \square \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \qquad \square \qquad \qquad \qquad \qquad \qquad \square \qquad \qquad \qquad \qquad \qquad \square \qquad \qquad$		LTL	1/3	SEE PARTS LI	ST	UNLESS OTHERWISE SPECIFIED
NTAINS CONFIDENTIAL AND RODUCED OR DIVULGED, IN AUTHORIZATION FROM THE	PROPRIETARY	PART, W				SHEET S	C	DATE 10/30/2012		GL171-176 SHEET 2 OF 2

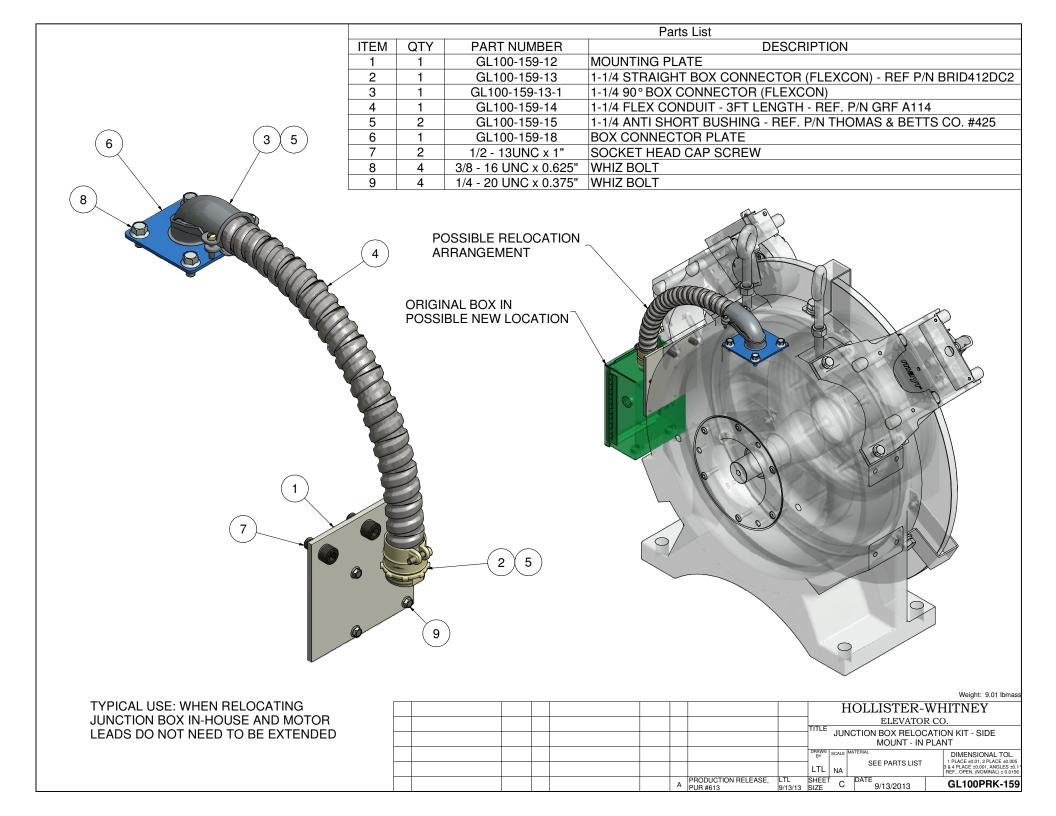


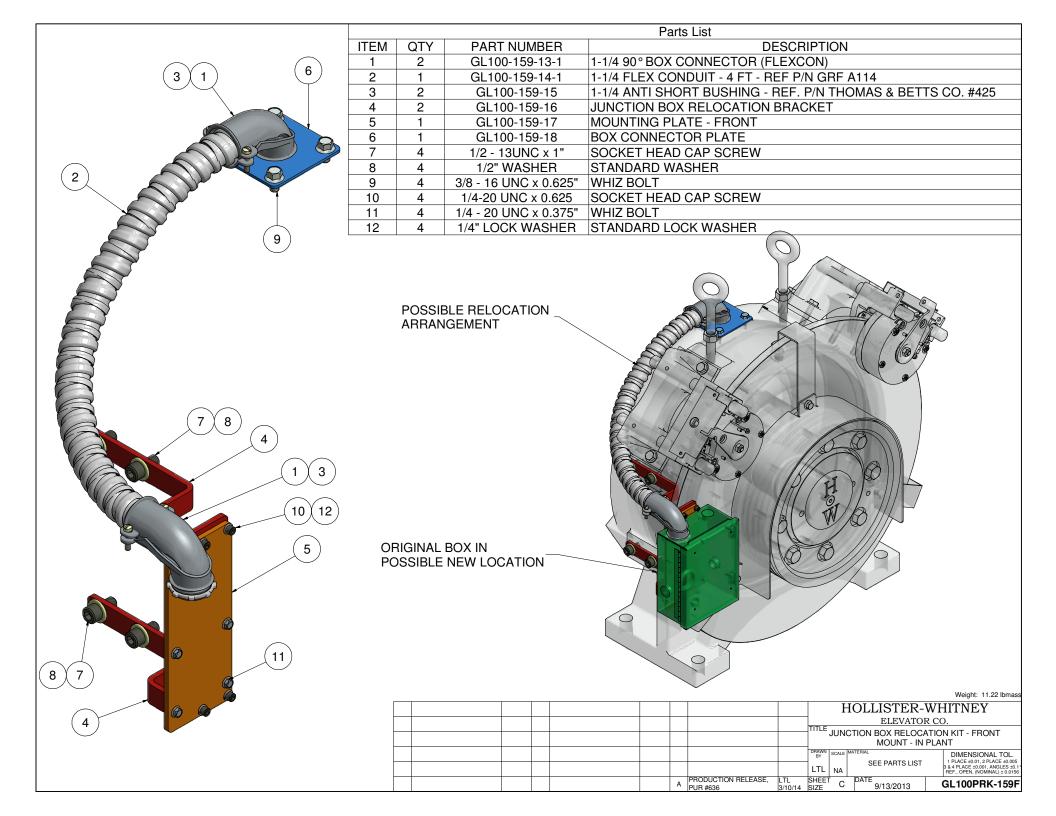
	 			Parts List
	ITEM		PART NUMBER	
	1	5	GL130A1-160	
	23	1 2	GL130A1-161 GL185-163	GUARD ASSEMBLY - AC GEARLESS 20" TW GUARD BRACKET
	4	2	GL185-164	GUARD BRACKET
	5	5	GL185-165	GUARD BRACKET
	6	2	43-OH-166	HINGE - GUARD
	7	2	GL130A1-167	TOP EXTENSION
	8	2	GL130A1-168	GUARD EXTENSION
	9	5	GL130A1-169	GUARD 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 18	30 4	1/4-20 UNC x 0.5 1/4 - 20 UNC x 0.5"	WHIZ BOLT HEX WASHER THREAD FORMING - TYPE F
	18	4	1/4 - 20 UNC x 0.5" 1/4 - 20 UNC x 0.375"	HEX WASHER THREAD FORMING - TYPE F
	20	6	1/4 - WASHER	FENDER TYPE (WIDE) WASHER
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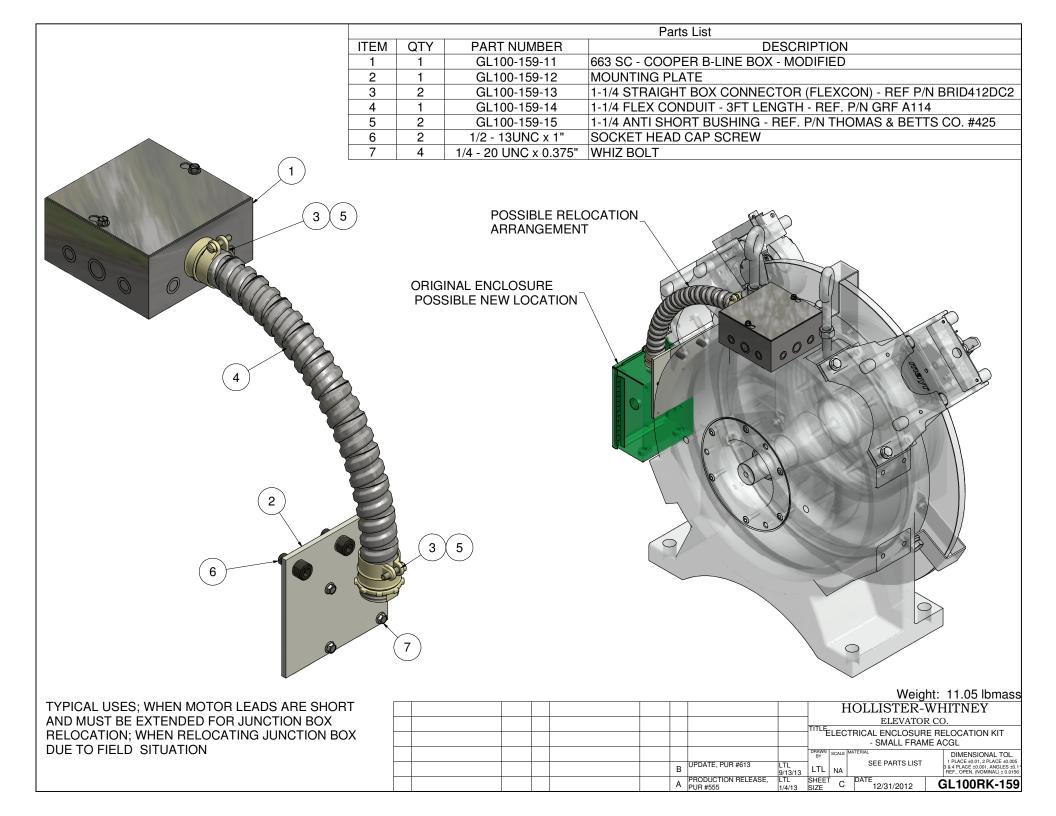


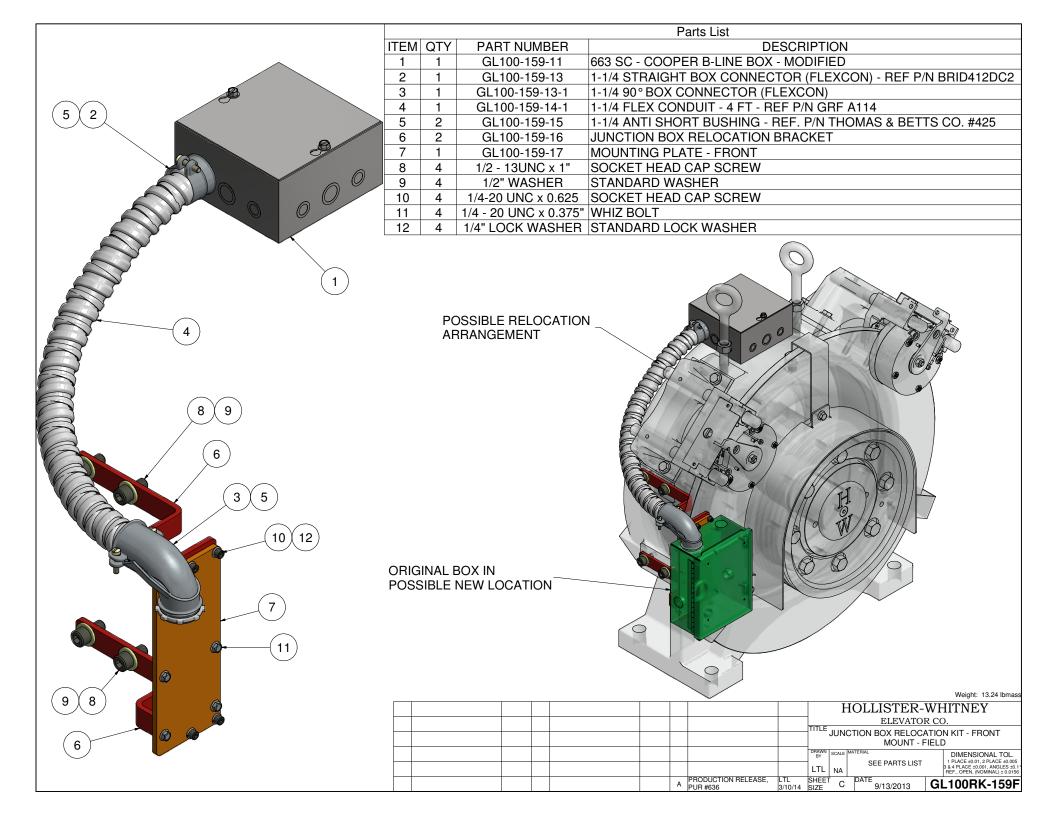
		1									
А			ΟΤΥ				Part	s List			
		ITEM	QTY 5		NUMBE 85-160		GUAF	DESCR D BRACKET	RIPTION		
		2	1		85-161				GEARLESS 25" TW		
		3	2		85-163			RD BRACKET			
QG 		4	2		85-164						
		5	5 2		85-165 OH-166			RD BRACKET E - GUARD			
		7	2		85-167		-	EXTENSION			
		8	2		85-168			RD EXTENSION			
H		9	5		85-169			RD BRACKET			
≝ <b>Q==Q==C</b> ⊒⊔⊔⊔⊔⊔		10	1		85-170			KET - BASE TO GL			
		11 12	4		<u>OH-170</u> 85-171			OM EXTENSION AI	NGLE		
		13	10		UNC x			HEAD CAP SCREW			
		14	10	5/8 V	VASHER		STAN	DARD WASHER			
		15	1	3/8 - 16		-	HHCS				
		16	5	3/8-16 L				BOLT/FLANGE SC	REW		
		17 18	1 5		VASHER 16 UNC		WHIZ	DARD WASHER			
ω Ψ k		19	2	1/4 - 20 0					FORMING - TYPE F		
		20	4		) UNC -C				FORMING - TYPE F		
	<b>"</b>	21	14	1/4 - 20 L					FORMING - TYPE F		
А		22 23	9 30	1/4 -20 U	INC x 0.6 UNC x (			BOLT			
		23	<u> </u>					WASHER			
$\begin{array}{c} \begin{array}{c} & & & & \\ & & & \\ & & & \\ & & & \\ \end{array} \\ \hline \\ & & & \\ \end{array} \\ \hline \\ \\ & & \\ \end{array} \\ \hline \\ \\ & & \\ \end{array} \\ \hline \\ \\ \\ & & \\ \end{array} \\ \hline \\ \\ \\ \\ \\ \end{array} \\ \hline \\ \\ \\ \\ \\ \\ \end{array} \\ \hline \\ \\ \\ \\$											
		DET	-AIL (( (7	(23) 1 B 18 16 18 16	22	TITLE		OLLISTER- ELEVATO ARD - GEARLESS I	R CO. MACHINE, 25" TW DIMENSIONAL TOL. 1 PLACE ±0.01, 2 PLACE ±0.005		
		A PROD		RELEASE,	LTL 8/22/12	LTL SHEET SIZE	NA C	DATE 8/22/2012	3 & 4 PLACE ±0.001, ANGLES ±0.1 REF., OPEN, (NOMINAL) ± 0.0156 GL185-176		





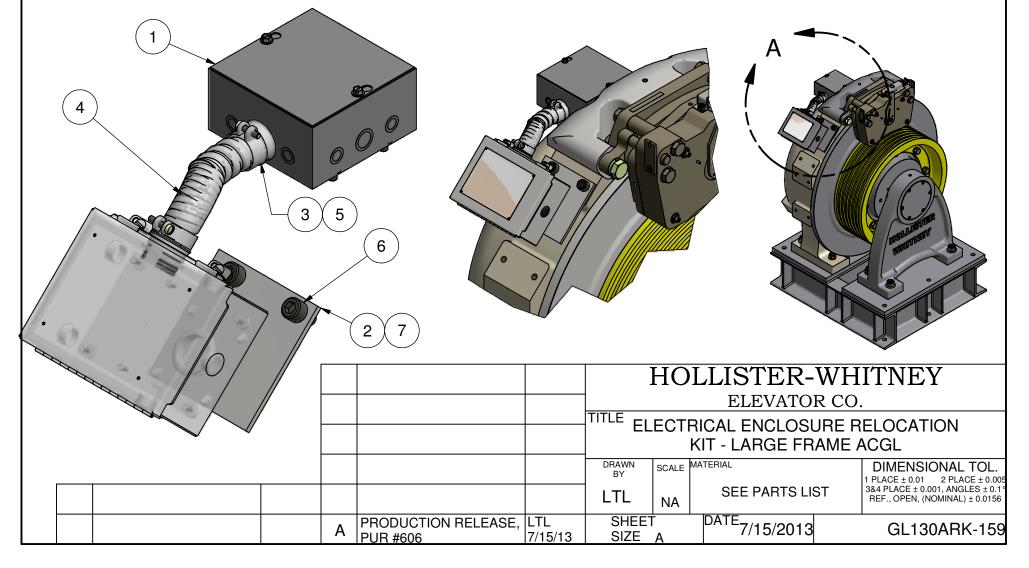


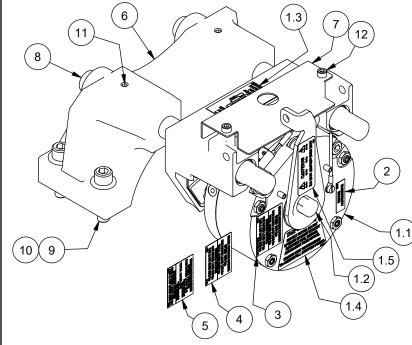




· · · · · · · · · · · · · · · · · · ·								
				Parts List				
	ITEM	QTY	PART NUMBER	DESCRIPTION				
	1	1	GL130A-159-12	MOUNTING PLATE				
	2	1	GL100-159-13	1-1/4 STRAIGHT BOX CONNECTOR (FLEXCON) - REF P/N BRID412DC2				
	3	1	GL100-159-13-1	1-1/4 90° BOX CONNECTOR (FLEXCON)				
	4	1	GL100-159-14	1-1/4 FLEX CONDUIT - REF. P/N GRF A114				
	5	2	GL100-159-15	1-1/4 ANTI SHORT BUSHING - REF. P/N THOMAS & BETTS CO. #425				
	6	1	GL100-159-18	BOX CONNECTOR PLATE				
	7	2	5/8-11 UNC x 1	SOCKET HEAD CAP SCREW				
	8	4	1/4-20 UNC x 0.5	WHIZ BOLT				
5 3 6 6 6 C C C C C C C C C C C C C C C C								
				HOLLISTER-WHITNEY ELEVATOR CO.				
				TITLE ELECTRICAL ENCLOSURE IN-PLANT				
				RELOCATION KIT - LARGE FRAME ACGL				
				DRAWN BY         SCALE         MATERIAL         DIMENSIONAL TOL.           LTL         NA         SEE PARTS LIST         1 PLACE ± 0.01 2 PLACE ± 0.001, 3&4 PLACE ± 0.001, ANGLES ± 0.11 REF., OPEN, (NOMINAL) ± 0.0156				
			A PRODUCTI PUR #636	ION RELEASE, LTL SHEET DATE 3/3/2014 GL130APRK-159				

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			





			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

FOR USE AS COMPLETE MAYR #6 BRAKE ASSEMBLY 11. REPLACEMENT.

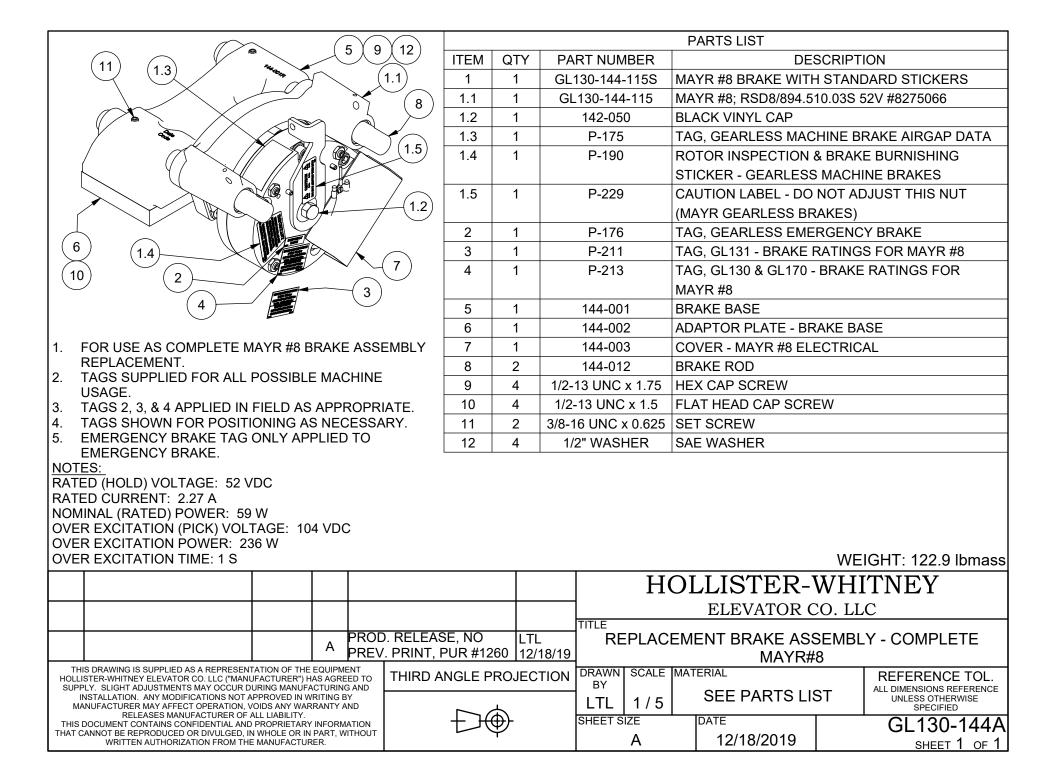
- 2. 3. TAGS SUPPLIED FOR ALL POSSIBLE MACHINE USAGE.
- TAGS 2, 3, 4, & 5 APPLIED IN FIELD AS APPROPRIATE.
- 4. TAGS SHOWN FOR POSITIONING AS NECESSARY.
- 5. EMERGENCY BRAKE TAG ONLY APPLIED TO EMERGENCY BRAKE.

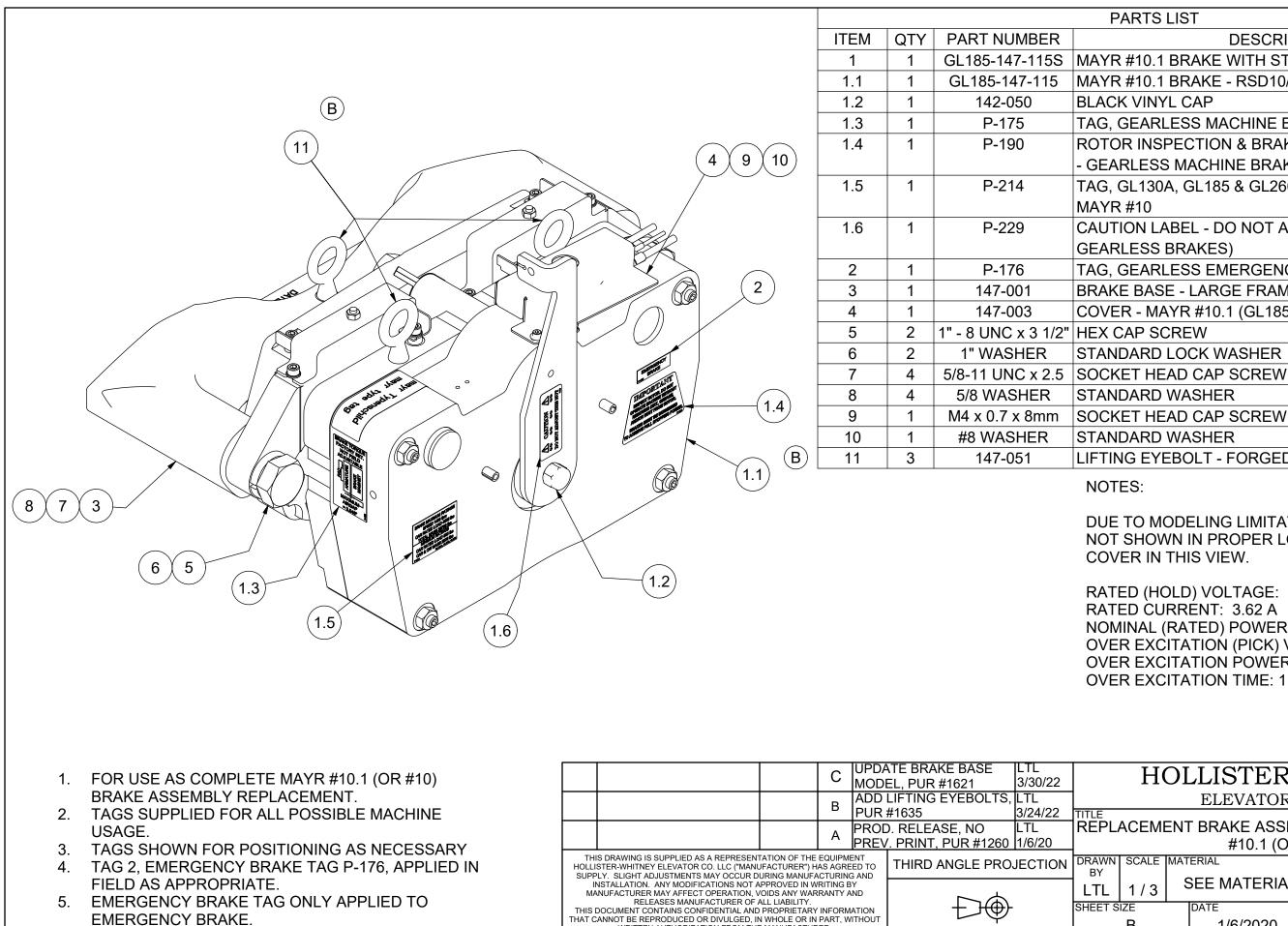
### NOTES:

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

WEIGHT: 34.3 lbmass

							HOLLISTER-WHITNEY				
									ELEVATOR C	CO. LL	C .
							TITLE				
					OUCTION RELEASE, NO 7. PRINT, PUR #1260	LTL 12/12/19	REPL/	ACEMI	=NT BRAKE ASSEN #6	IBLY -	COMPLETE MAYR
HOLLIS	THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO				THIRD ANGLE PROJ	IECTION	DRAWN BY	SCALE	MATERIAL		REFERENCE TOL.
SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND				~ ~		1/4	SEE PARTS LIS	ST	UNLESS OTHERWISE SPECIFIED		
RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED. IN WHOLE OR IN PART. WITHOUT					SHEET S	IZE	DATE		GL100-146A		
THAT O	WRITTEN AUTHORIZATION FROM THE			111001		- T		А	12/11/2019		SHEET 1 OF 1





WRITTEN AUTHORIZATION FROM THE MANUFACTURER.

AR	TS	LIS	Т
/ \( \			•

DESCRIPTION

GL185-147-115S MAYR #10.1 BRAKE WITH STANDARD STICKERS

MAYR #10.1 BRAKE - RSD10/894.510.53S #8252206 BLACK VINYL CAP

TAG, GEARLESS MACHINE BRAKE AIRGAP DATA

ROTOR INSPECTION & BRAKE BURNISHING STICKER - GEARLESS MACHINE BRAKES

TAG, GL130A, GL185 & GL260 - BRAKE RATINGS FOR

CAUTION LABEL - DO NOT ADJUST THIS NUT (MAYR GEARLESS BRAKES)

TAG, GEARLESS EMERGENCY BRAKE

BRAKE BASE - LARGE FRAME GL MACHINE

COVER - MAYR #10.1 (GL185-147) ELECTRICAL

STANDARD LOCK WASHER

STANDARD WASHER

SOCKET HEAD CAP SCREW (METRIC)

STANDARD WASHER

LIFTING EYEBOLT - FORGED MACHINERY

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

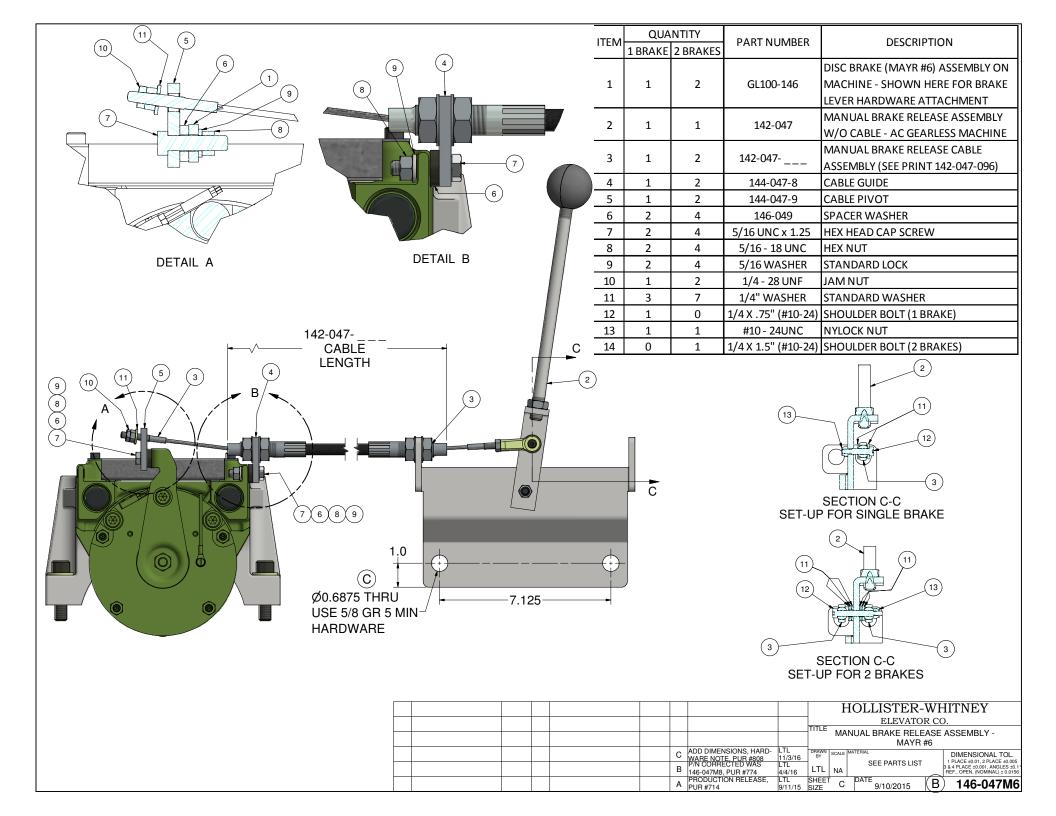
RATED (HOLD) VOLTAGE: 52 VDC RATED CURRENT: 3.62 A NOMINAL (RATED) POWER: 94 W OVER EXCITATION (PICK) VOLTAGE: 104 VDC OVER EXCITATION POWER: 377 W **OVER EXCITATION TIME: 1 S** 

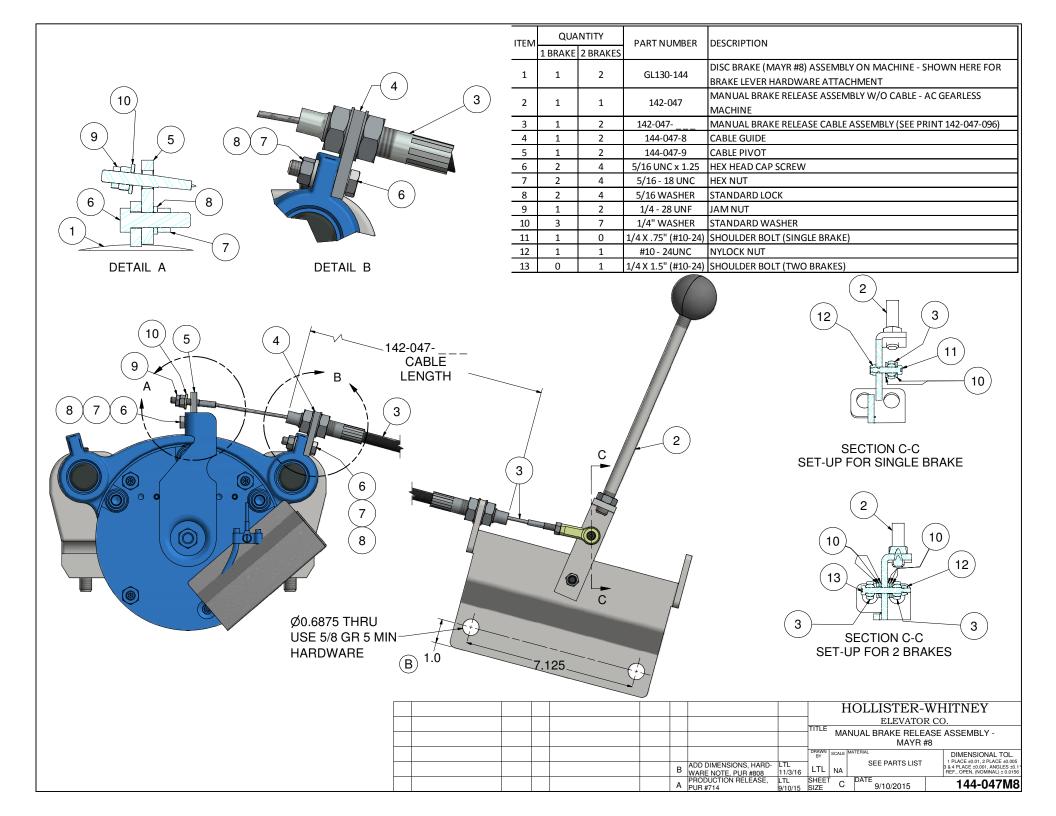
WEIGHT: 249.1 lbmass

## HOLLISTER-WHITNEY ELEVATOR CO. LLC

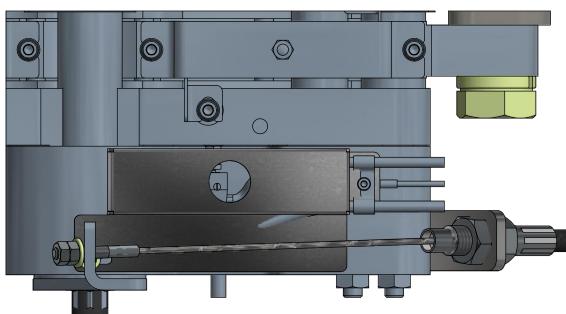
REPLACEMENT BRAKE ASSEMBLY - COMPLETE MAYR #10.1 (OR #10)

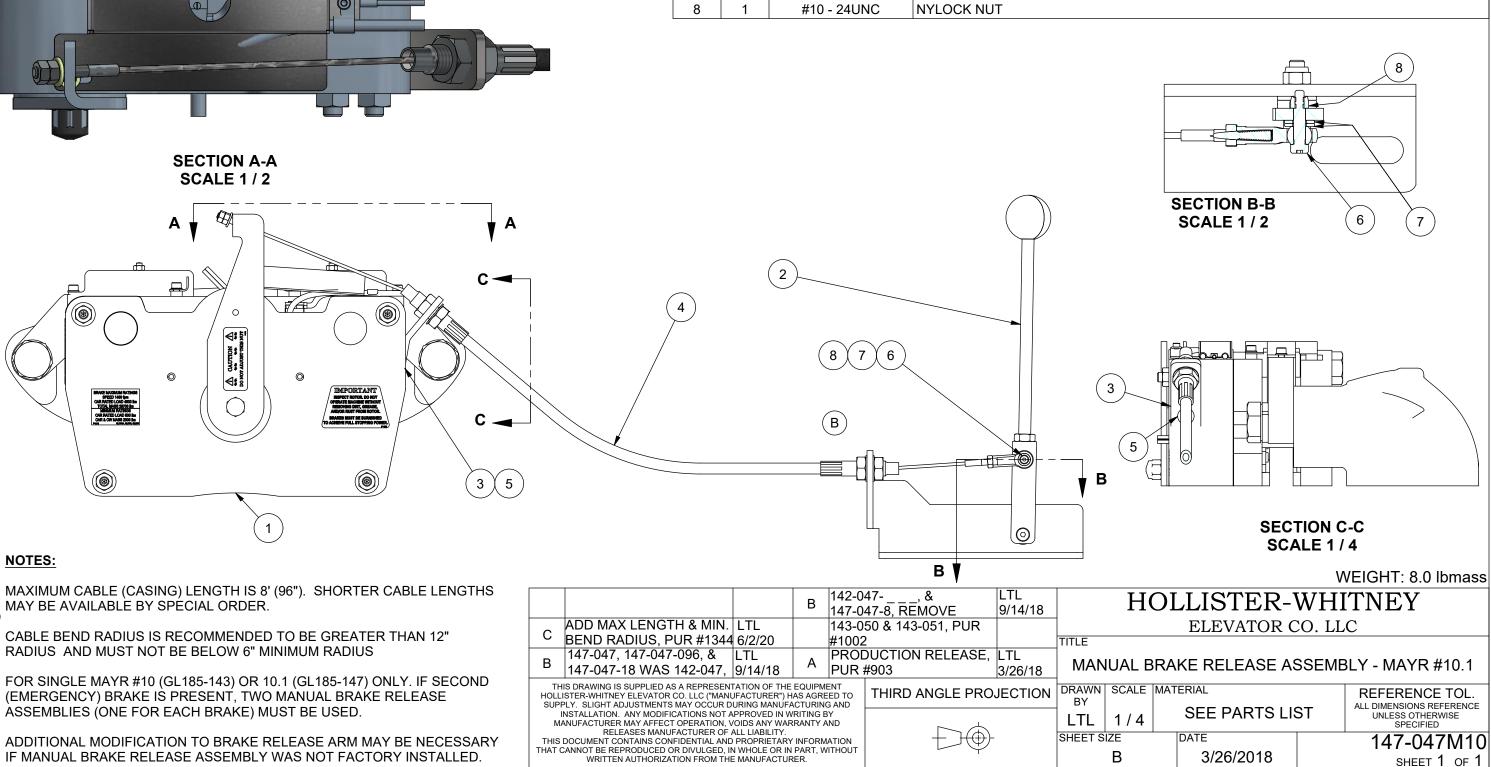
Ι	SCALE	MATERIAL	REFERENCE TOL.
	1/3	SEE MATERIAL L	LIST ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
SI	IZE	DATE	GL185-147A
	В	1/6/2020	SHEET 1 OF 1





				PARTS LIS
	ITEM	QTY	PART NUMBER	
	1	1	GL185-147	NOT INCLUDED - SHOWN HEF
B				ASSEMBLY ON MACHINE
B	2	1	147-047	Mayr#10 MANUAL BRAKE REL
B	3	1	147-047-18	CABLE GUIDE BRACKET
	4	1	147-047-096	MANUAL BRAKE RELEASE CA
	5	1	M8 x 1.25 x 16mm	FH MACHINE SCREW - METRI
	6	1	0.25 x 0.75"	SHOULDER BOLT (#10-24)
	7	2	1/4" WASHER	STANDARD WASHER
	8	1	#10 - 24UNC	NYLOCK NUT





(c)

								•			
				В	142-0 147-0		_, & REMO\	/E	LTL 9/14/18		
	<b>`</b>	ADD MAX LENGTH & MIN.					43-051				
		BEND RADIUS, PUR #1344	6/2/20		#1002	2				TITLE	
E		147-047, 147-047-096, & 147-047-18 WAS 142-047,	LTL 9/14/18	A	PROE PUR ;		ON RE	LEASE,	LTL 3/26/18	MAN	IL
								DRAWN BY	3		
Т	MA	NSTALLATION. ANY MODIFICATIONS NOT A NUFACTURER MAY AFFECT OPERATION, V RELEASES MANUFACTURER OF OCCUMENT CONTAINS CONFIDENTIAL AND	OIDS ANY WAR	RANTY A	ND		+	- ) (		LTL SHEET S	IZ
TH	AT C	ANNOT BE REPRODUCED OR DIVULGED, II WRITTEN AUTHORIZATION FROM TH			ITHOUT		L	$> \varphi$			

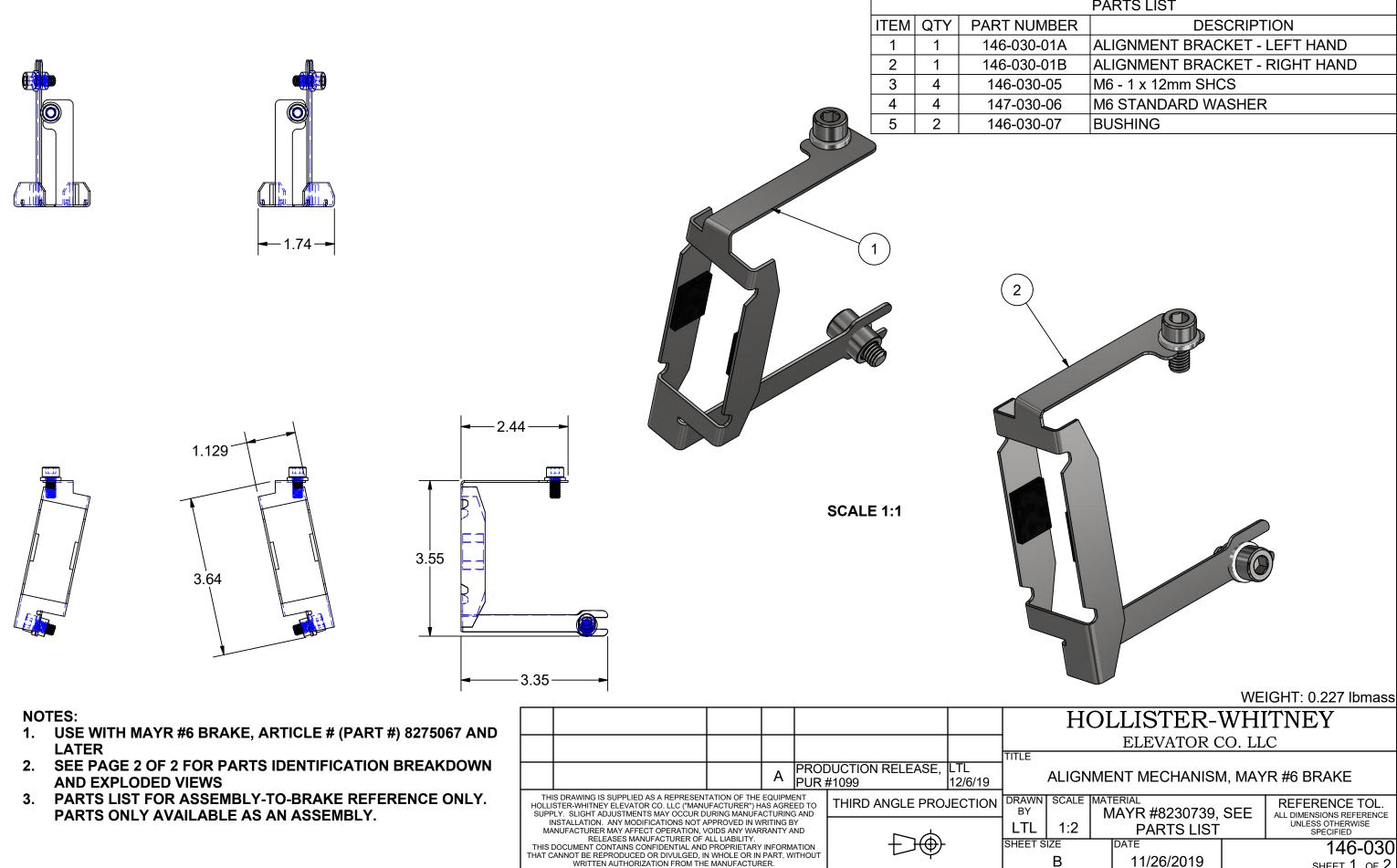
### IST

### DESCRIPTION

### RE FOR ATTACHMENT OF HARDWARE - DISC BRAKE

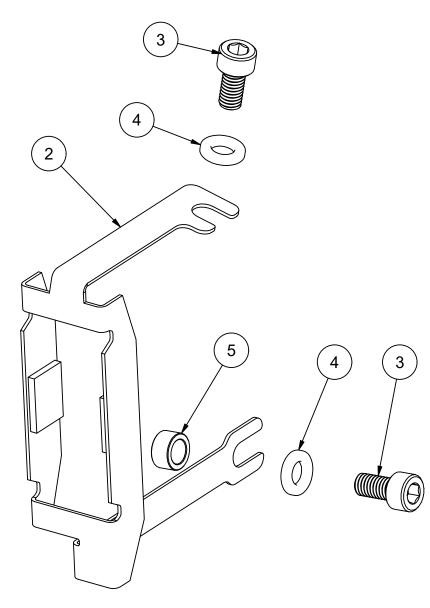
### LEASE ASSEMBLY W/O CABLE - AC GEARLESS MACHINE

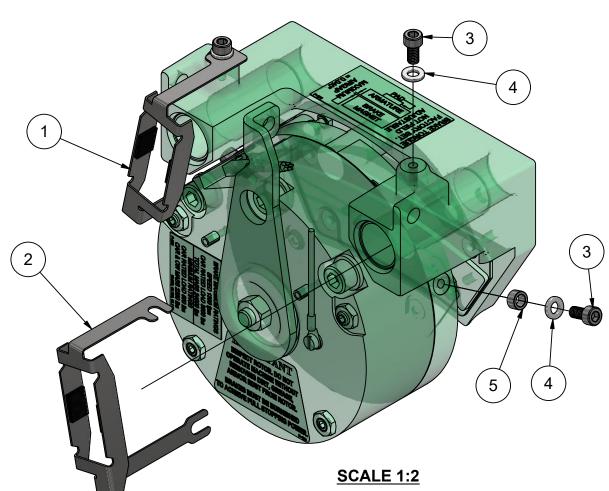
### ABLE - 8' (96") STANDARD LG. SIC



	PARTS LIST
/IBER	DESCRIPTION
01A	ALIGNMENT BRACKET - LEFT HAND
01B	ALIGNMENT BRACKET - RIGHT HAND
-05	M6 - 1 x 12mm SHCS
-06	M6 STANDARD WASHER
-07	BUSHING

	SCALE	MATERIAL MAYR #8230739,	SEE	REFERENCE TOL.
	1:2	PARTS LIST	SEE	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
S	IZE	DATE		146-030
	В	11/26/2019		SHEET 1 OF 2

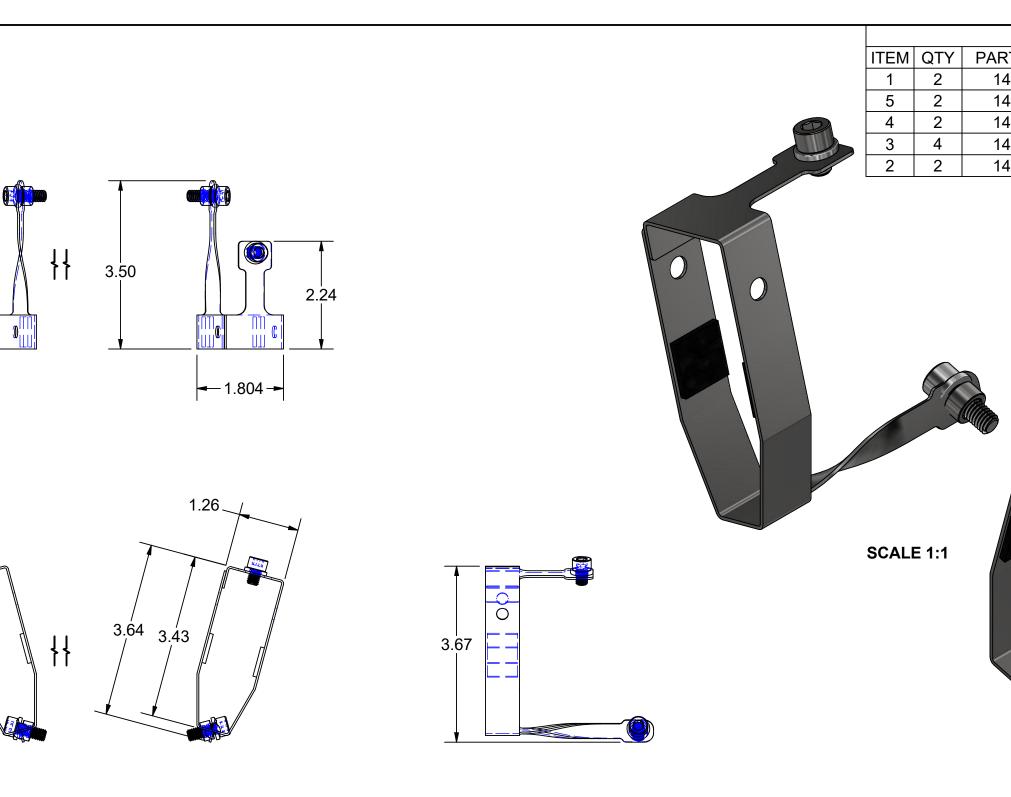




# EXPLODED VIEW RIGHT HAND ASSEMBLY SCALE 1:1

					HOLLISTER-WHITNEY	
					ELEVATOR CO. LLC	
		<u>SEE</u>	PAGE 1OF 2 FOR REVISIONS		ALIGNMENT MECHANISM, MAYR #6 BRAKE	
HOLL SUP	IIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQU ISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS A PLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTU INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITI ANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRAN		IECTION	N DRAWN SCALE MATERIAL BY MAYR #8230739, SEE ALL DIMENSIONS REFERENCE TOL ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED		
	RELEASES MANUFACTURER OF ALL LIABILITY. DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFI CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PAR WRITTEN AUTHORIZATION FROM THE MANUFACTURER.			SHEET SIZE         DATE         146-03           B         11/26/2019         SHEET 2 OF		

### WEIGHT: 0.227 lbmass



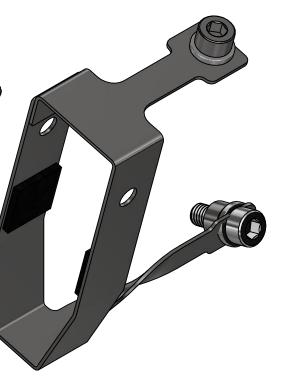
### NOTES:

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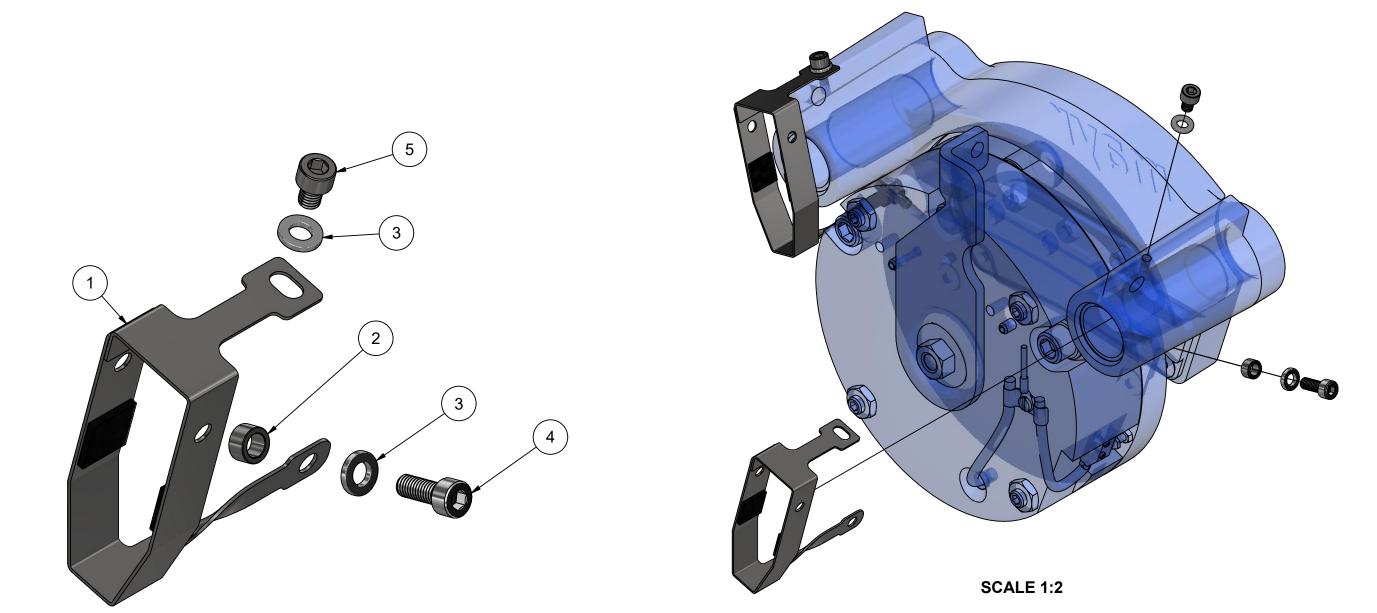
- 1. USE WITH MAYR #8 (RSD8) BRAKE, ARTICLE # (PART #) 8275066 AND LATER
- 2. SEE PAGE 2 OF 2 FOR PARTS IDENTIFICATION BREAKDOWN AND EXPLODED VIEWS
- 3. PARTS LIST FOR ASSEMBLY-TO-BRAKE REFERENCE ONLY. PARTS ONLY AVAILABLE AS AN ASSEMBLY.

									HC	<b>DLLISTER-</b>	WHI	TNEY	
								ELEVATOR CO. L				. LLC	
)				- A I		DUCTION RELEASE, #1099	LTL 12/6/19					R #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							REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED					
	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.				SHEET SI	<sup>ze</sup> B	DATE 12/3/2019		144-030 SHEET 1 OF 2				

PARTS LIST					
PART NUMBER	DESCRIPTION				
144-030-01	ALIGNMENT BRACKET				
144-030-05	M6 - 1 x 8mm SHCS				
147-030-05	M6 - 1 x 16mm SHCS				
147-030-06	M6 STANDARD WASHER				
146-030-07	BUSHING				



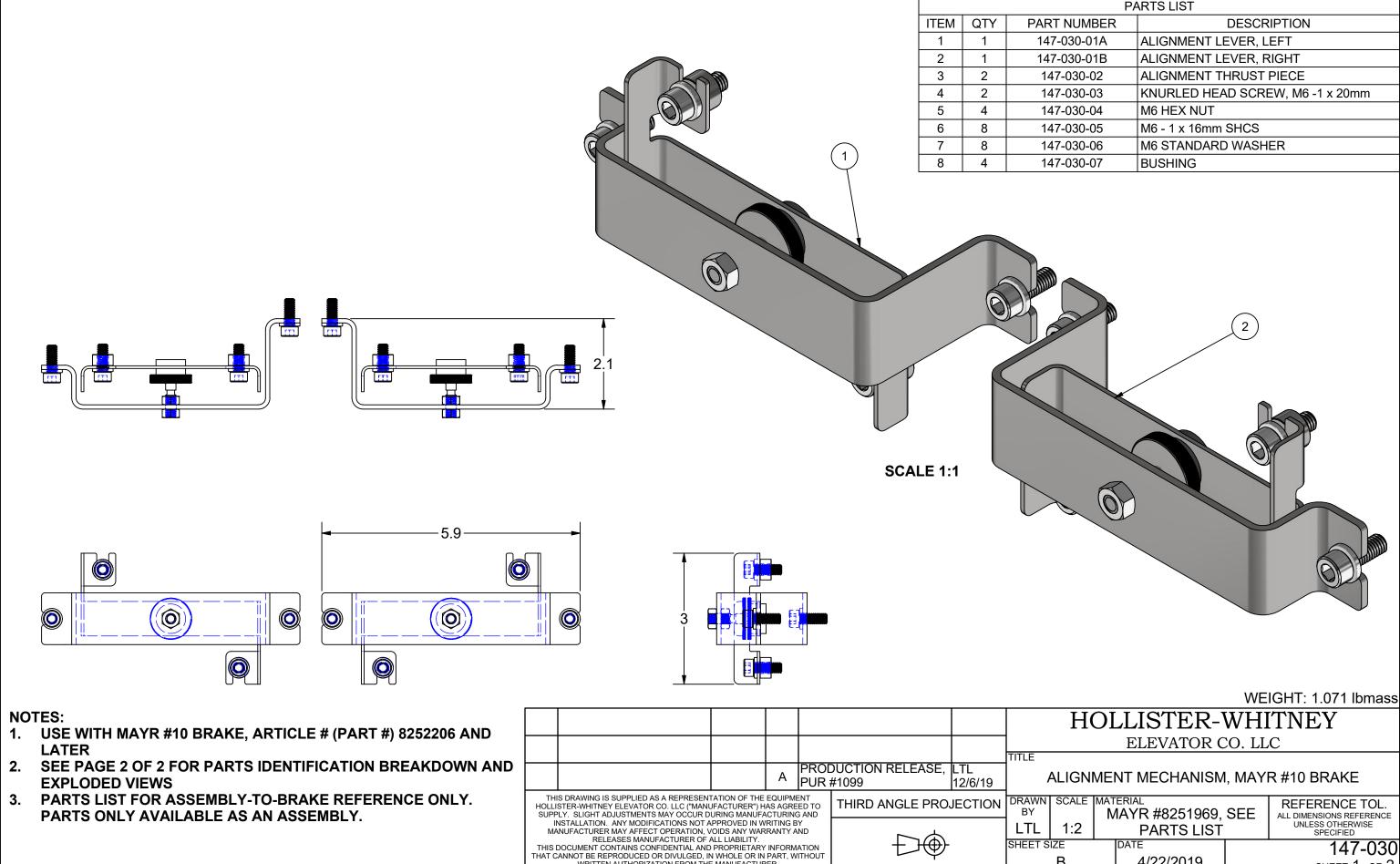
WEIGHT: 0.275 lbmass



EXPLODED VIEW SCALE 1:1

					HOLLISTER-WHITNEY			TNEY	
				ELEVATOR CO. LLC					
	SEE PAGE 1OF 2 FOR REVISIONS				ALIGNMENT MECHANISM, MAYR #8 BRAKE				
HOLL SUP	IIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUI ISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS A PLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTUI INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITIN ANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANT			DRAWN BY LTL	SCALE N 1:1	MAYR #8275264, PARTS LIST	SEE	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
	RELEASES MANUFACTURER OF ALL LIABILITY. DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFO CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PAR WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				SHEET S	B	date 12/3/2019		144-030 SHEET 2 OF 2

# WEIGHT: 0.275 lbmass

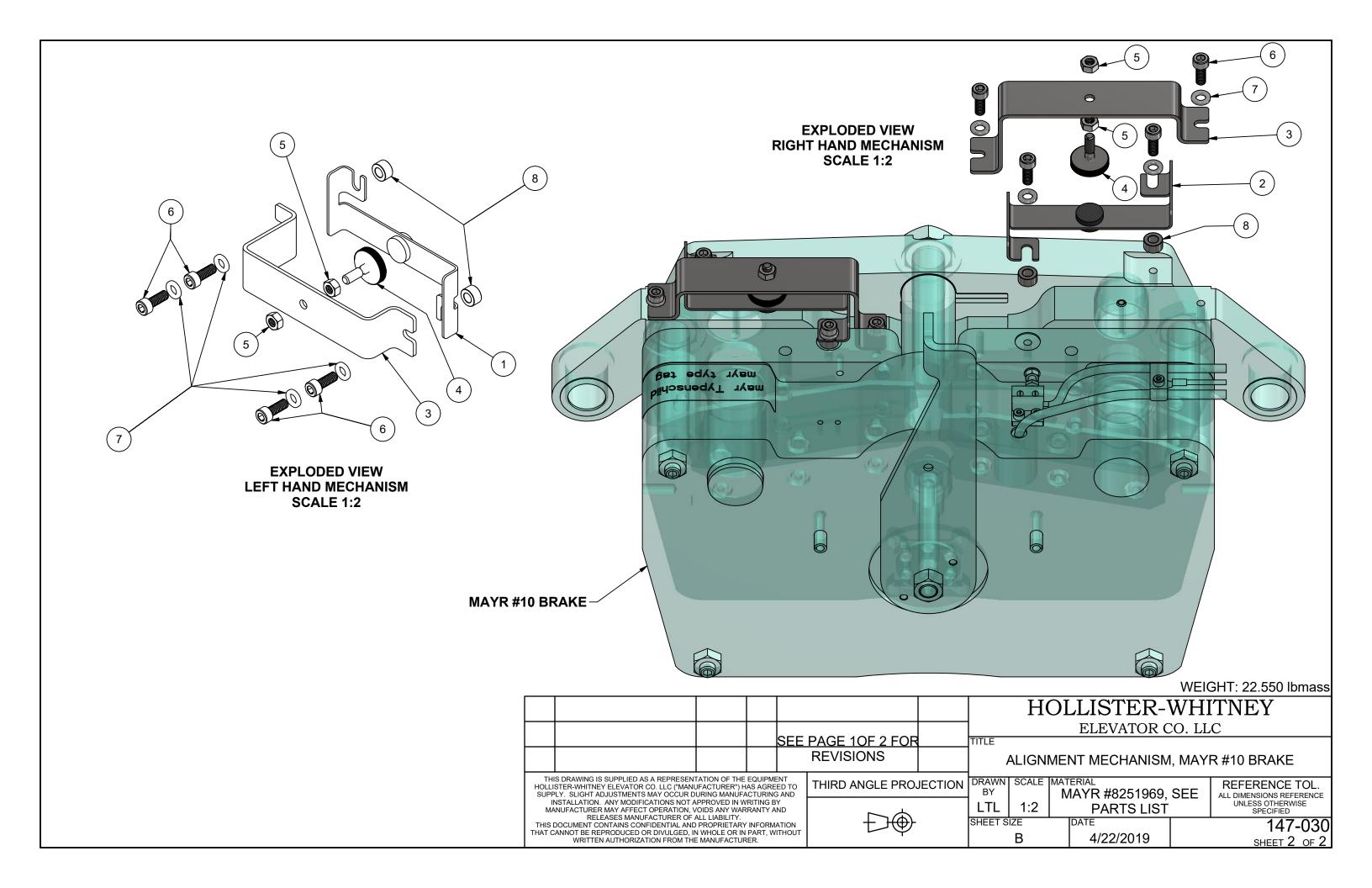


WRITTEN AUTHORIZATION FROM THE MANUFACTURER.

PARTS LIST					
RT NUMBER	DESCRIPTION				
47-030-01A	ALIGNMENT LEVER, LEFT				
47-030-01B	ALIGNMENT LEVER, RIGHT				
47-030-02	ALIGNMENT THRUST PIECE				
47-030-03	KNURLED HEAD SCREW, M6 -1 x 20mm				
47-030-04	M6 HEX NUT				
47-030-05	M6 - 1 x 16mm SHCS				
47-030-06	M6 STANDARD WASHER				
47-030-07	BUSHING				

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	DRAWN BY	SCALE	MATERIAL MAYR #8251969,	SEE	REFERENCE TOL. ALL DIMENSIONS REFERENCE
	LTL	1:2	PARTS LIST		UNLESS OTHERWISE SPECIFIED
SHEET SIZE B		IZE	DATE		147-030
		В	4/22/2019	4/22/2019	



H	Document Name	Date	Rev.	Page	Bulletin
$\mathbf{W}$	PRINT & PARTS LIST SUPPLEMENT	3/24/23	Е	81 of 81	1162S
Notes and	Observations			Date	Initials