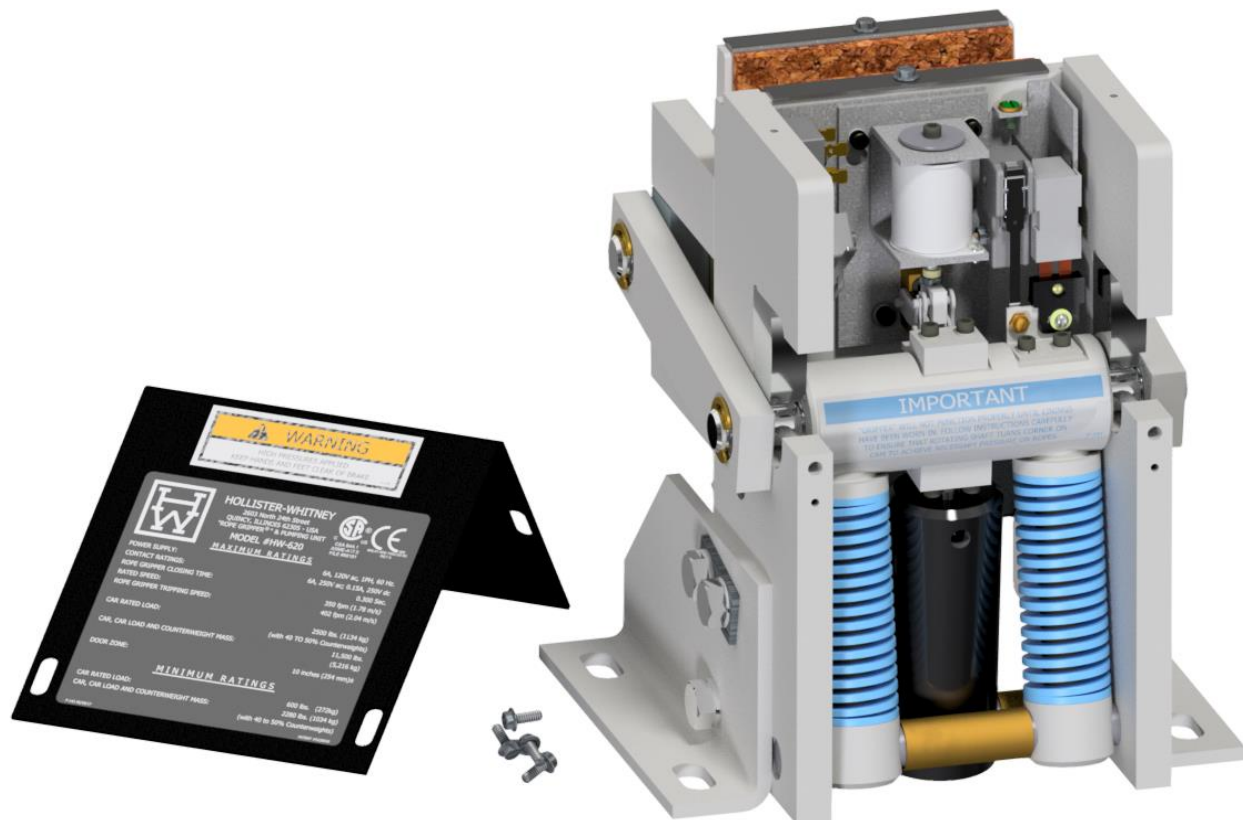


	Document Name	Date	Rev.	Page	Bulletin
	Rope Gripper Prints & Parts List Supplement	11/14/19	A	1 of 45	1144S

Hollister-Whitney Elevator Company, LLC

PRINT & PARTS LIST SUPPLEMENT FOR

Models #620, #621, #622, #624, #625, #626, & #626SPL
Hollister-Whitney “Rope Gripper®” & Pumping Unit
(Patent # 5,228,540)
CSA Certification File #88181



	Document Name	Date	Rev.	Page	Bulletin
	Rope Gripper Prints & Parts List Supplement	11/14/19	A	2 of 45	1144S

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Switch Assemblies

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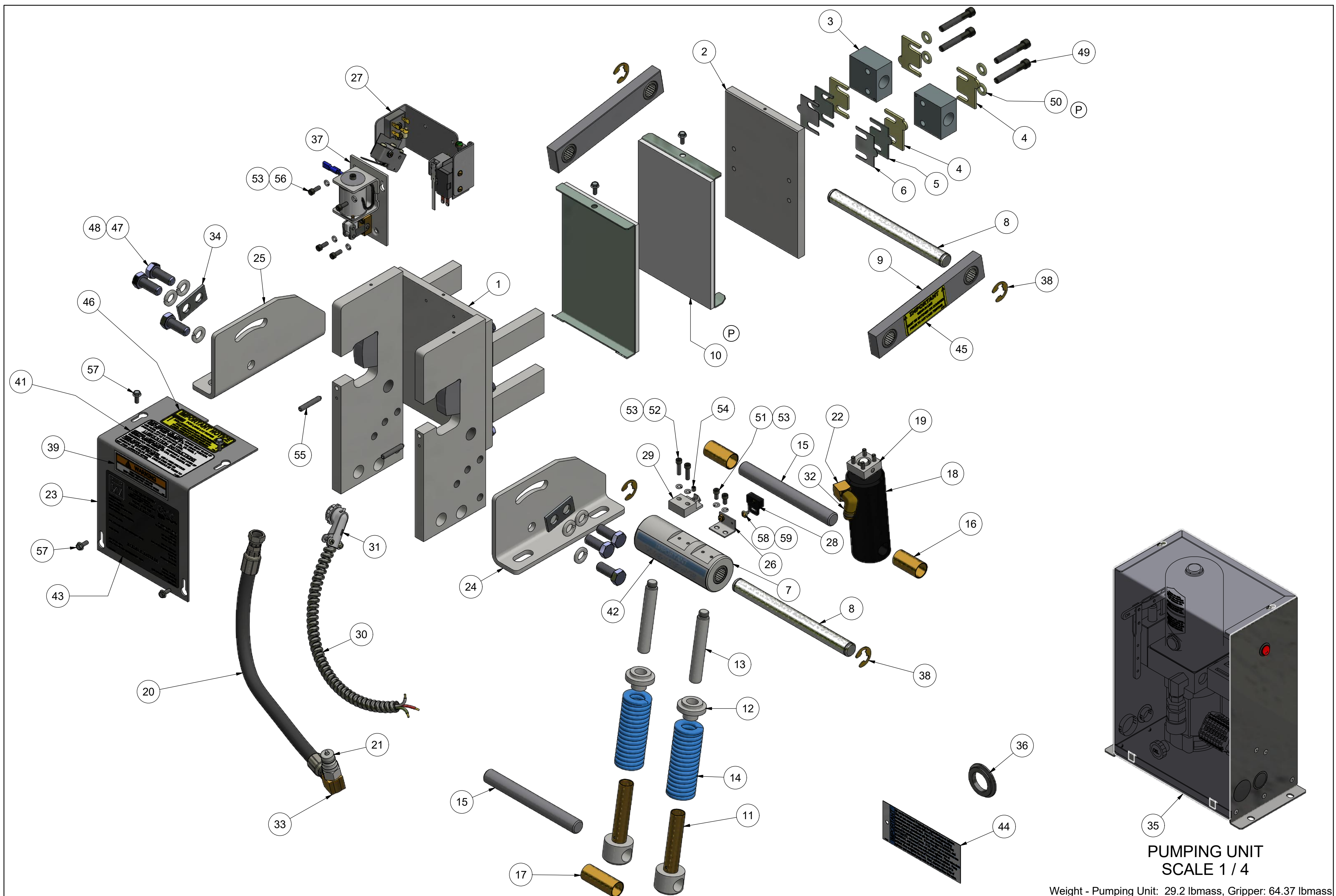
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PUMPING UNIT
SCALE 1 / 4

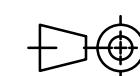
Weight - Pumping Unit: 29.2 lbmass, Gripper: 64.37 lbmass

HOLLISTER-WHITNEY
ELEVATOR CO. LLC

"ROPE GRIPPER" ASSEMBLY

THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT
HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO
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INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY
MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND
RELEASES MANUFACTURER OF ALL LIABILITY.
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION
THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT
WRITTEN AUTHORIZATION FROM THE MANUFACTURER.

THIRD ANGLE PROJECTION



DRAWN BY
LTL
SHEET SIZE
C

SCALE
1/3.25

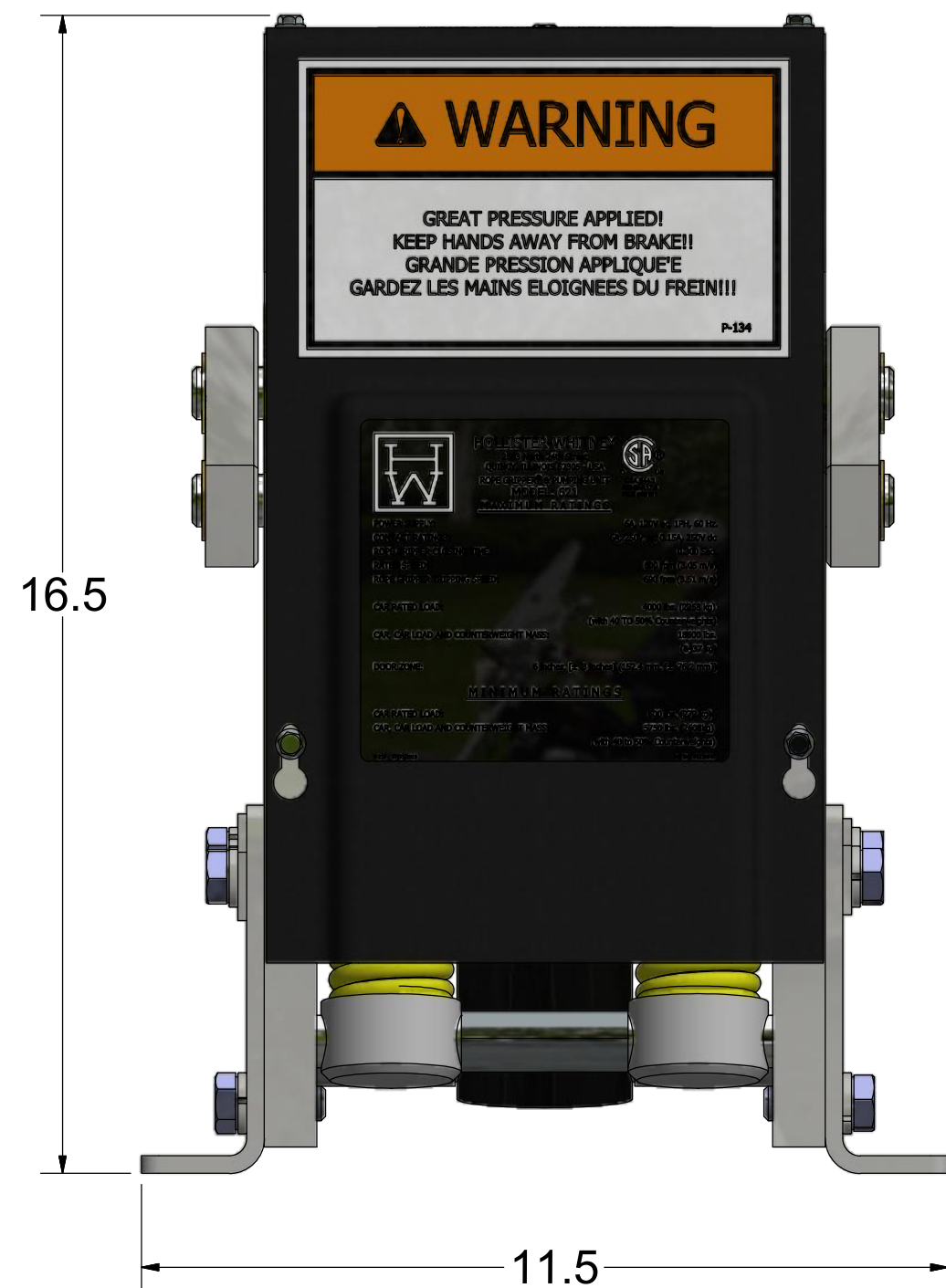
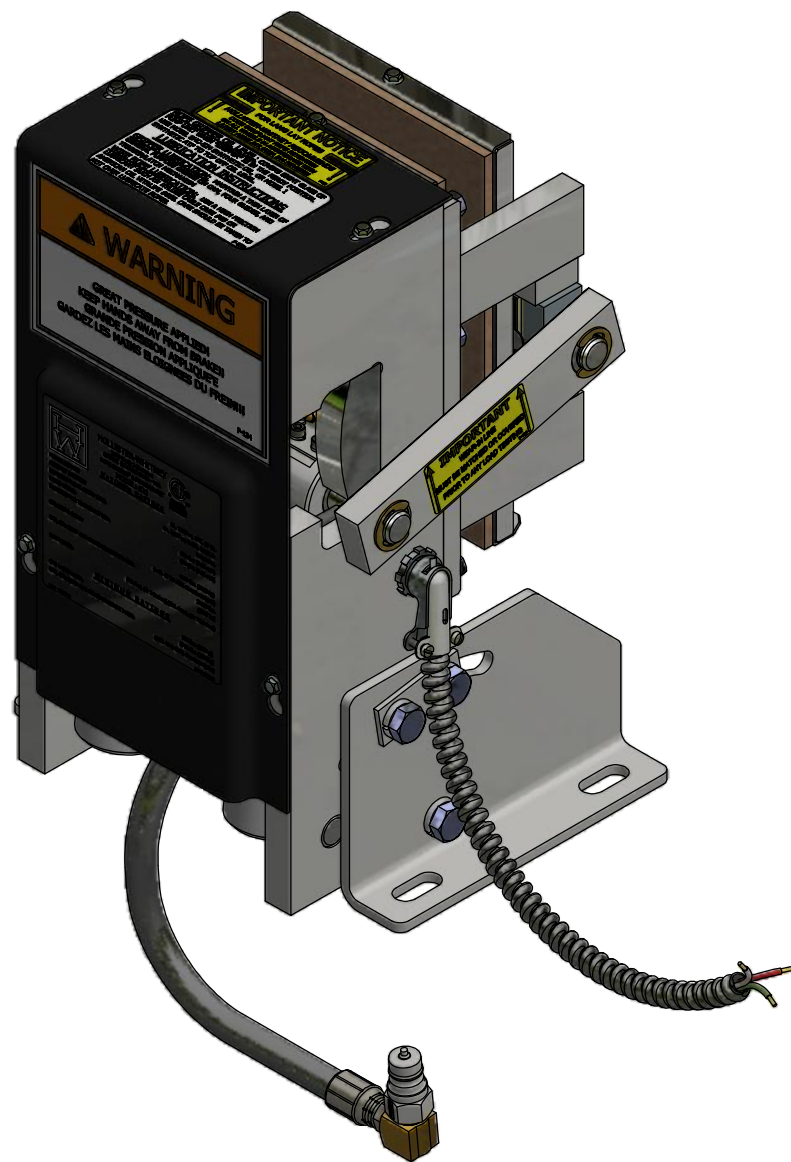
MATERIAL
SEE PARTS LIST

REFERENCE TOL.
ALL DIMENSIONS REFERENCE
UNLESS OTHERWISE
SPECIFIED

DATE
9/8/2003

620
SHEET 2 OF 2

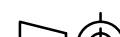
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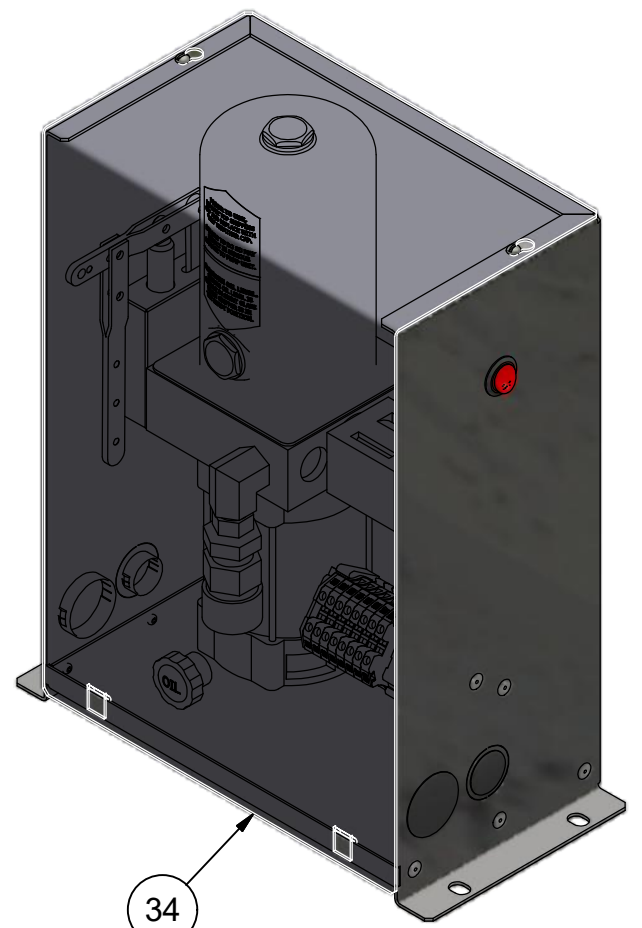
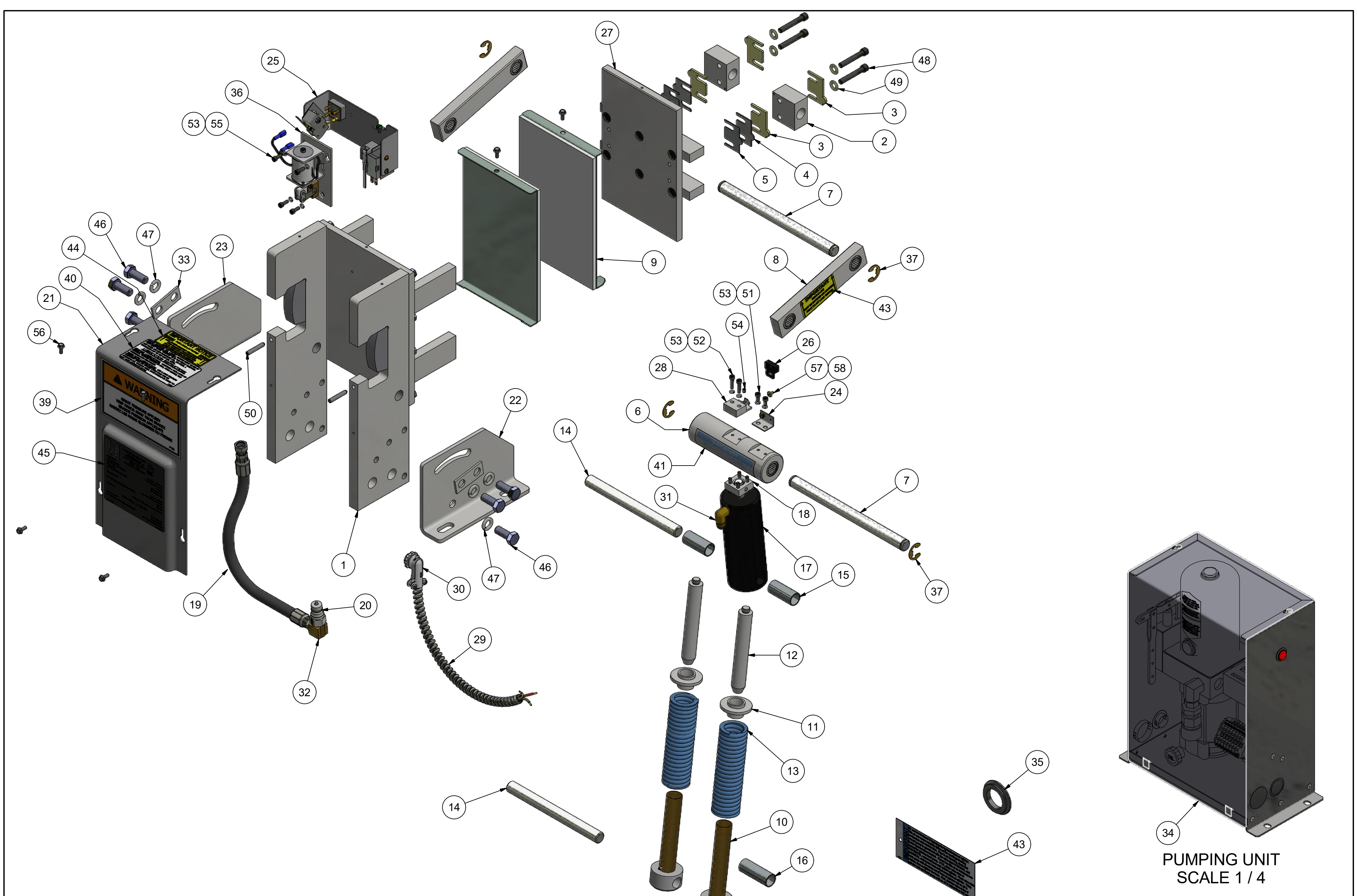


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	622-003	STATIONARY SHOE ASSEMBLY
2	2	620-007	SHAFT SUPPORT BLOCK
3	4	620-008	SPACER (11 GA.) - LINING WEAR
4	2	620-008-1	SPACER (16 GA.) - LINING WEAR
5	2	620-008-2	SPACER (22 GA.) - LINING WEAR
6	1	622-015	TUBING ASSEMBLY
7	2	622-018	SHAFT - ROTATING & NON-ROTATING
8	2	600-020	CONNECTING ARM ASSEMBLY
9	2	622-022	LINING ASSEMBLY
10	2	600-025	LOWER SPRING GUIDE ASSEMBLY
11	2	600-027	UPPER SPRING SUPPORT
12	2	600-029	GUIDE - UPPER SPRING SUPPORT
13	2	621-030	SPRING
14	2	622-031	SHAFT
15	2	601-032	TUBING - SPACER
16	1	622-033	TUBING - SPACER
17	1	600-035	CYLINDER ASSEMBLY
18	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
19	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30" MAX)
20	1	620-038	QUICK CONNECT FITTING
21	1	622-040	COVER - 622 ROPE GRIPPER
22	1	600-041 R	ANGLE, RIGHT HAND - MOUNTING
23	1	600-041 L	ANGLE, LEFT HAND - MOUNTING
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	622-064-1	SWITCH ASS'Y, LEAD LENGTHS = 10'
		622-064-2	SWITCH ASS'Y, LEAD LENGTHS = 24'
		622-064-3	SWITCH ASS'Y, LEAD LENGTHS = 18'
26	1	618-067	CONTACT PLATE ASSEMBLY
27	1	622-072	MOVABLE SHOE ASSEMBLY
28	1	601-078	LATCH
29	1	600-081-1	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
		600-081-2	
		600-081-3	
30	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
31	1	610-087	PARKER #149F-6-4 MALE ELBOW
32	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
33	2	600-095	WASHER - DOUBLE BOLT
34	1	620-100	PUMPING UNIT
35	1	622-207	HOSE GROMMET
36	1	620-607	SOLENOID LOCKING UNIT
37	4	90-033	E-CLIP, #X5133-74
38	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
39	1	P-134	ROPE GRIPPER WARNING LABEL - LARGE
40	1	P-137	GRIPPER LUBE INST. STICKER
41	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
42	1	P-144-2	AIR BLEED LABEL
43	2	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
44	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
45	1	P-219	621 ROPE GRIPPER LABEL
46	6	1/2 - 13 UNC x 1.25"	HEX HEAD BOLT
47	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
48	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
49	4	5/16" WASHER	STANDARD WASHER
50	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
51	2	#10-32 UNF x 0.375"	SOCKET HEAD CAP SCREW
52	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
53	8	#10 LOCK WASHER	STANDARD LOCK WASHER
54	1	10-32 UNF x 0.25	SET SCREW
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
56	6	#10-24 UNC x 0.5	WHIZ BOLT
57	1	#6-32 UNCX0.3125	BRASS MACHINE SCREW
58	1	#6 WASHER	STANDARD WASHER

Weight - Pumping Unit: 29.2 lb_{mass}, Gripper: 94.92 lb_{mass}

1. QTY LISTED FOR ITEMS 3, 4 & 5 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
2. REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

					HOLLISTER-WHITNEY ELEVATOR CO. LLC					
					TITLE					
				A	PRODUCTION RELEASE, PUR #1087		LTL 7/31/19	"ROPE GRIPPER" ASSEMBLY		
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HEREBY AGREES TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDES ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.					THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1/2.5	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
							SHEET SIZE C		DATE 7/31/2019	621 SHEET 1 OF 2



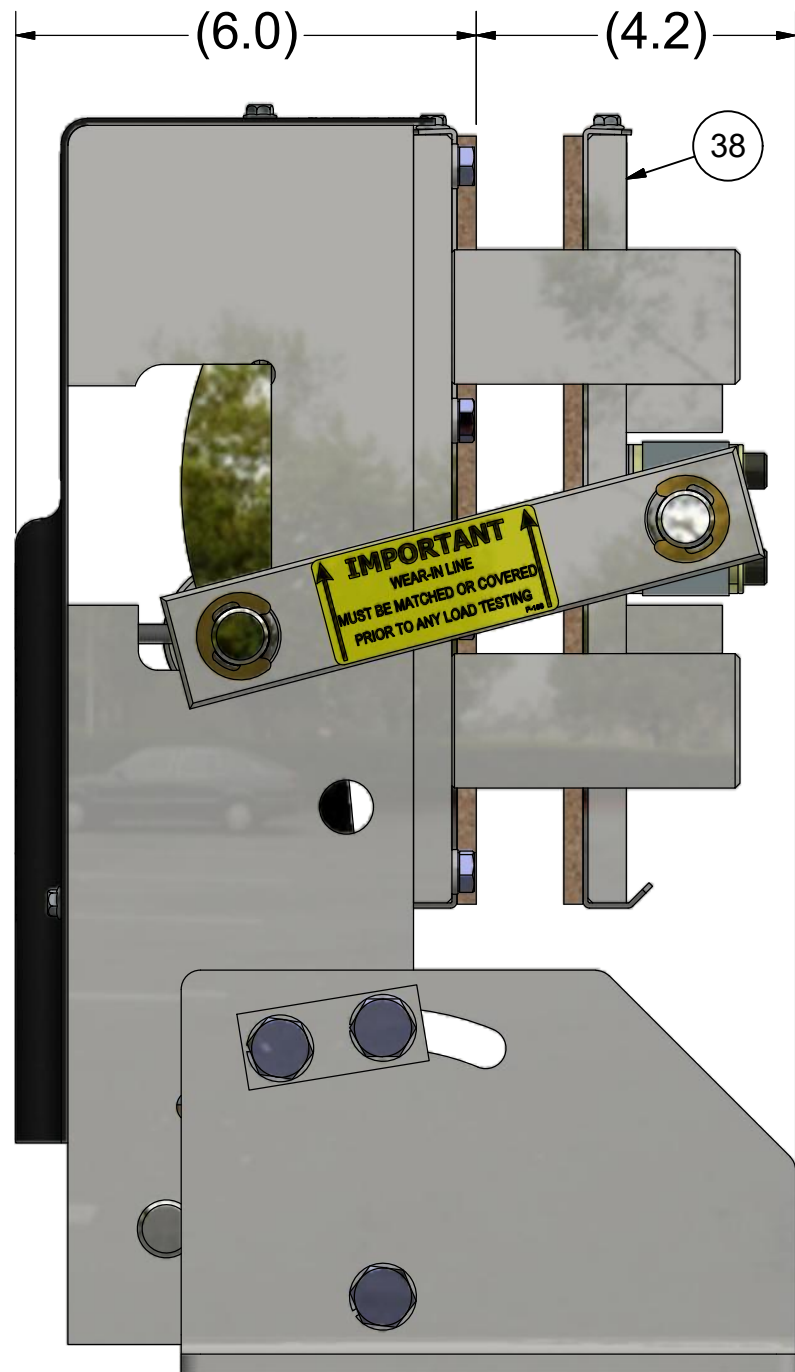
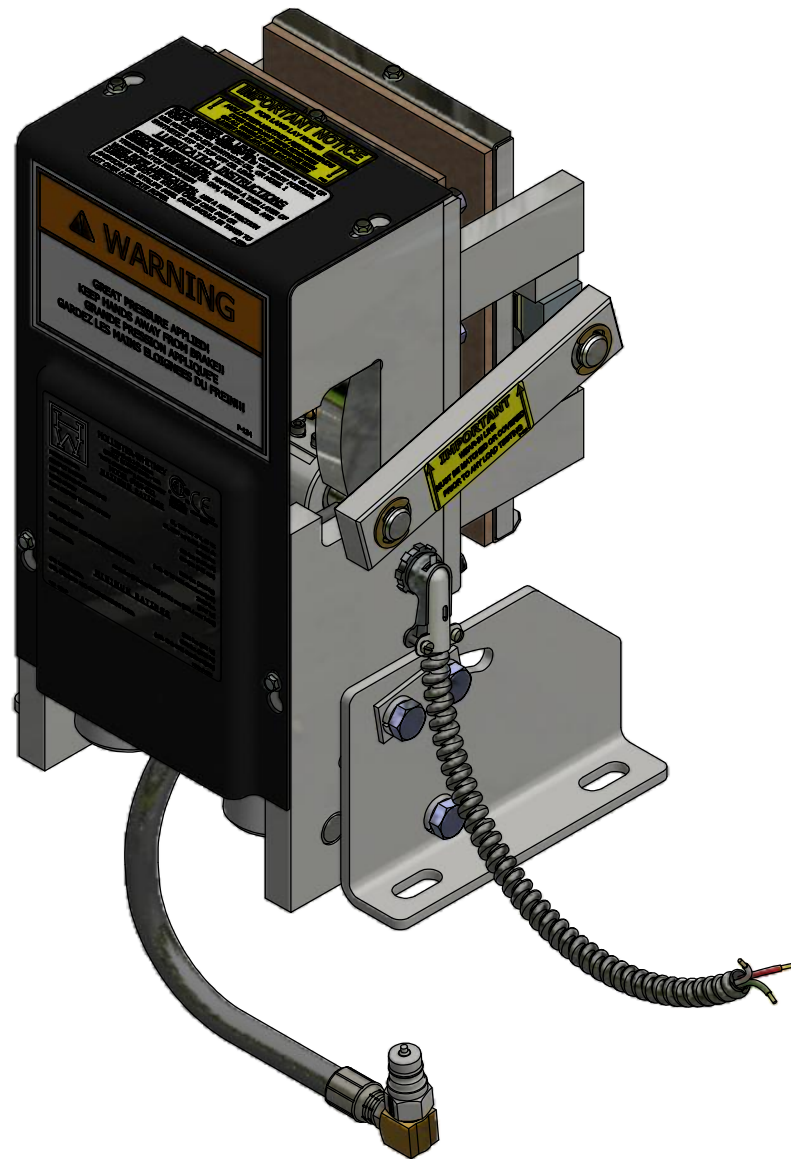
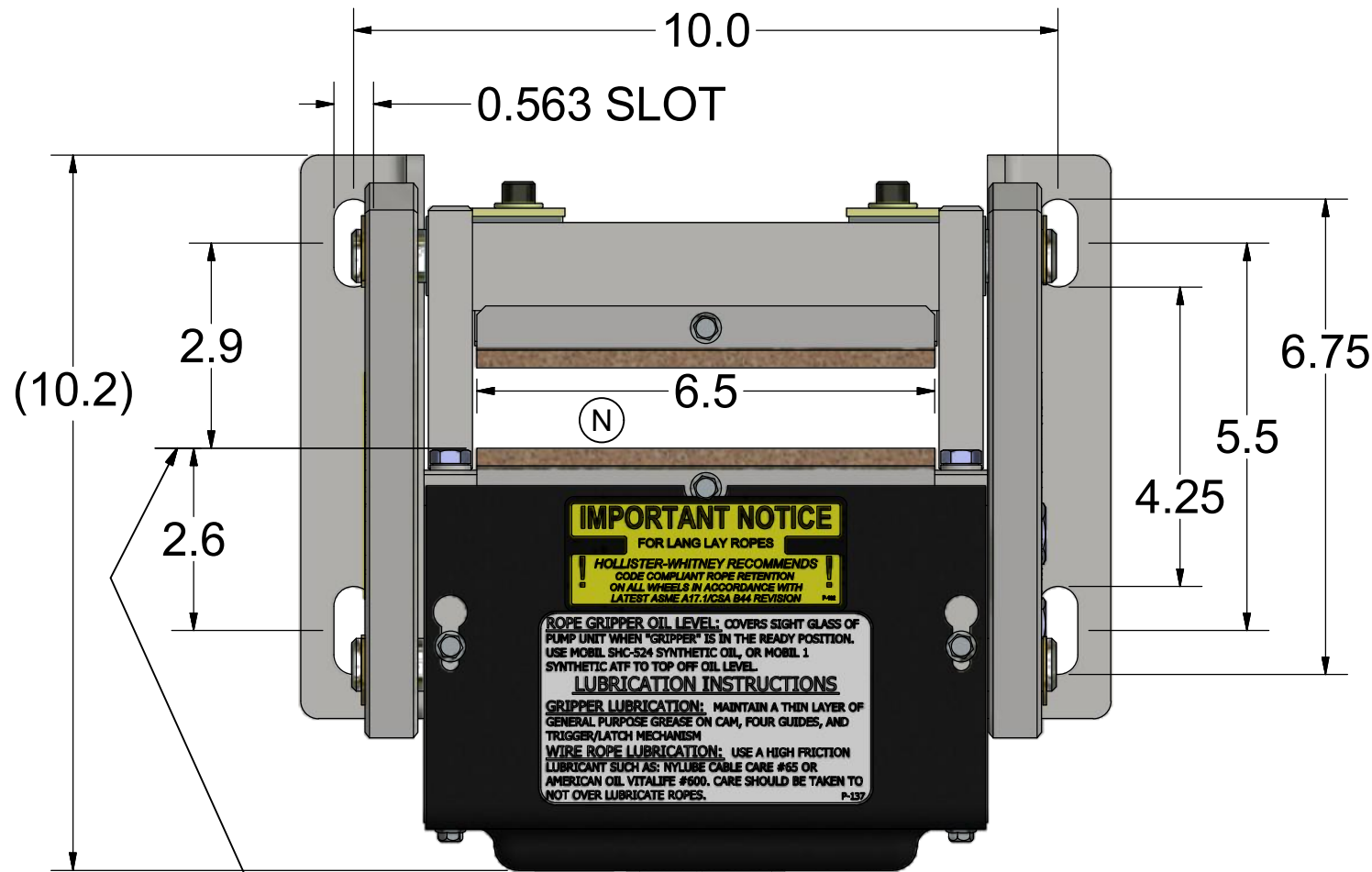
PUMPING UNIT
SCALE 1 / 4

Weight - Pumping Unit: 29.2 lbmass, Gripper: 94.92 lbmass

HOLLISTER-WHITNEY
ELEVATOR CO. LLC

"ROPE GRIPPER" ASSEMBLY

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SEE PREVIOUS PAGE FOR REVISIONS				SHEET SIZE C		DATE 7/31/2019		621 SHEET 2 OF 2	

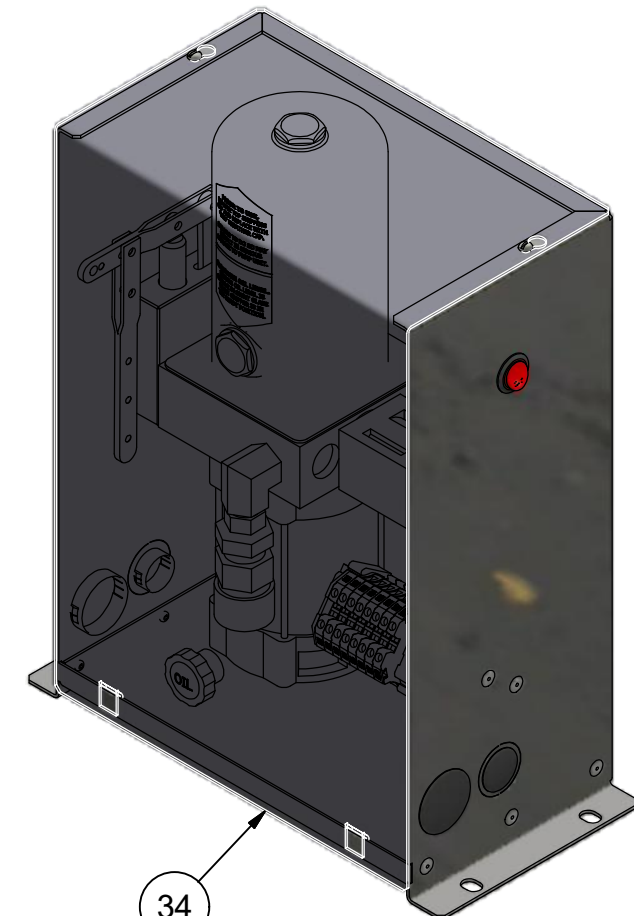
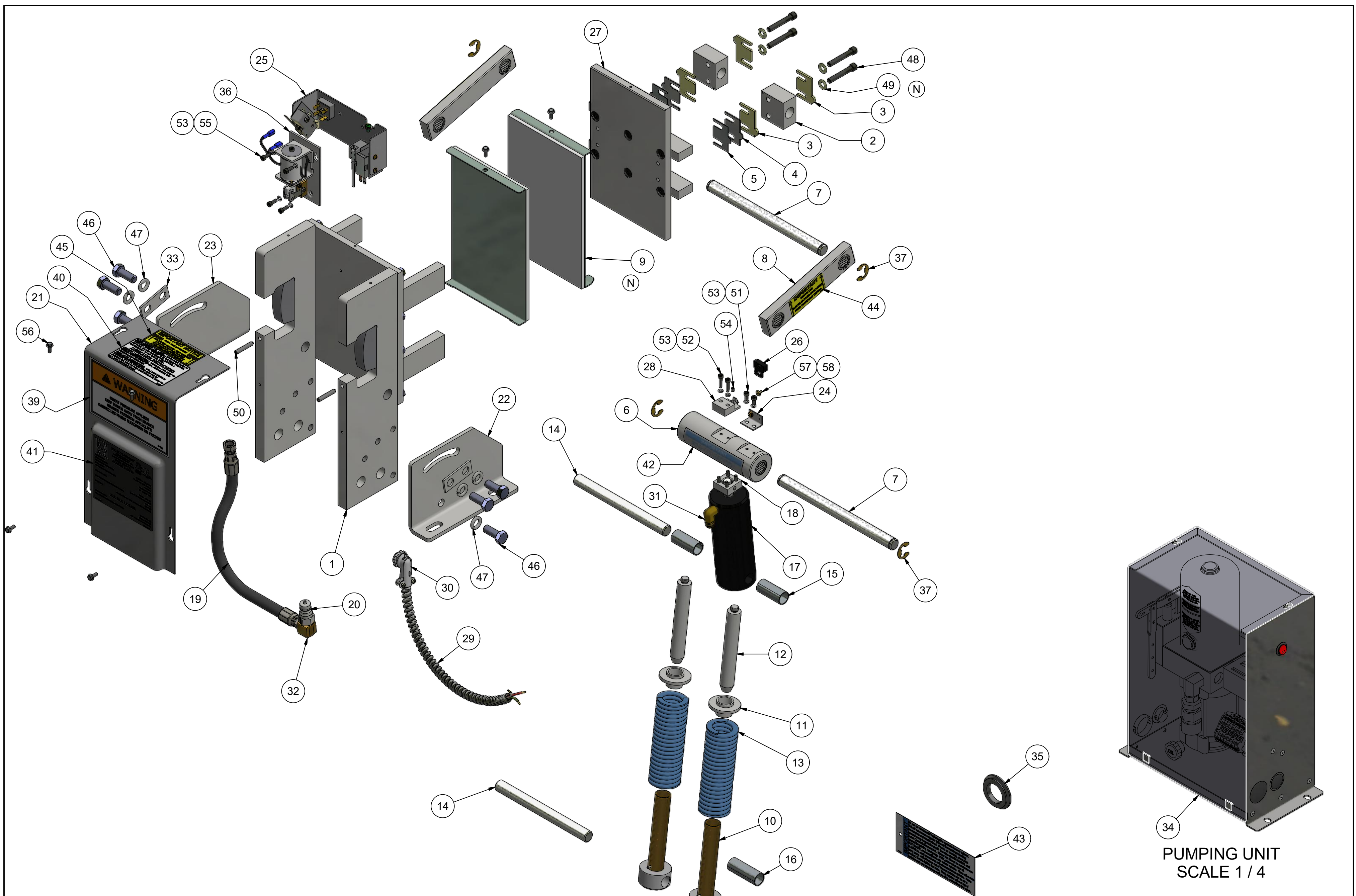


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	622-003	STATIONARY SHOE ASSEMBLY
2	2	620-007	SHAFT SUPPORT BLOCK
3	4	620-008	SPACER (11 GA.) - LINING WEAR
4	2	620-008-1	SPACER (16 GA.) - LINING WEAR
5	2	620-008-2	SPACER (22 GA.) - LINING WEAR
6	1	622-015	TUBING ASSEMBLY
7	2	622-018	SHAFT - ROTATING & NON-ROTATING
8	2	600-020	CONNECTING ARM ASSEMBLY
9	2	622-022	LINING ASSEMBLY
10	2	600-025	LOWER SPRING GUIDE ASSEMBLY
11	2	600-027	UPPER SPRING SUPPORT
12	2	600-029	GUIDE - UPPER SPRING SUPPORT
13	2	600-030	SPRING (BLUE) - STANDARD DUTY
14	2	622-031	SHAFT
15	2	601-032	TUBING - SPACER
16	1	622-033	TUBING - SPACER
17	1	600-035	CYLINDER ASSEMBLY
18	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
19	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
20	1	620-038	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
21	1	622-040	COVER - 622 ROPE GRIPPER
22	1	600-041 R	ANGLE, RIGHT HAND - MOUNTING
23	1	600-041 L	ANGLE, LEFT HAND - MOUNTING
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	622-064-1	SWITCH ASS'Y, LEAD LENGTHS = 10'
26	1	622-064-2	SWITCH ASS'Y, LEAD LENGTHS = 24'
27	1	622-064-3	SWITCH ASS'Y, LEAD LENGTHS = 18'
28	1	618-067	CONTACT PLATE ASSEMBLY
29	1	622-072	MOVABLE SHOE ASSEMBLY
30	1	601-078	LATCH
31	1	600-081-1	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
32	1	600-081-2	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
33	1	600-081-3	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
34	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
35	1	610-087	PARKER #149F-6-4 MALE ELBOW
36	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
37	2	600-095	WASHER - DOUBLE BOLT
38	1	620-100	PUMPING UNIT
39	1	622-207	HOSE GROMMET
40	1	620-607	SOLENOID LOCKING UNIT
41	4	90-033	E-CLIP, #X5133-74
42	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
43	1	P-134	ROPE GRIPPER WARNING LABEL - LARGE
44	1	P-137	GRIPPER LUBE INST. STICKER
45	1	P-135	622 ROPE GRIPPER LABEL
46	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
47	1	P-144-2	AIR BLEED LABEL
48	2	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
49	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
50	6	1/2 - 13 UNC x 1.25"	HEX HEAD BOLT
51	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
52	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
53	4	5/16" WASHER	STANDARD WASHER
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
55	2	#10-32 UNF x 0.375"	SOCKET HEAD CAP SCREW
56	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
57	8	#10 LOCK WASHER	STANDARD LOCK WASHER
58	1	10-32 UNF x 0.25	SET SCREW
59	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
60	6	#10-24 UNC x 0.5	WHIZ BOLT
61	1	#6-32 UNCX0.3125	BRASS MACHINE SCREW
62	1	#6 WASHER	STANDARD WASHER

Weight - Pumping Unit: 29.2 lbmass, Gripper: 91.82 lbmass

NOTE:
1. QTY LISTED FOR ITEMS 3, 4 & 5 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
2. REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
				ROPE GRIPPER ASSEMBLY			
				TITLE			
				DRAWN BY BLG			
				SCALE 1/2.5			
				MATERIAL SEE PARTS LIST			
				REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED			
				SHEET SIZE C			
				DATE 3/25/2013			
				622 SHEET 1 OF 2			



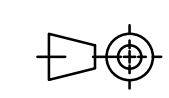
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SCALE 1 / 4

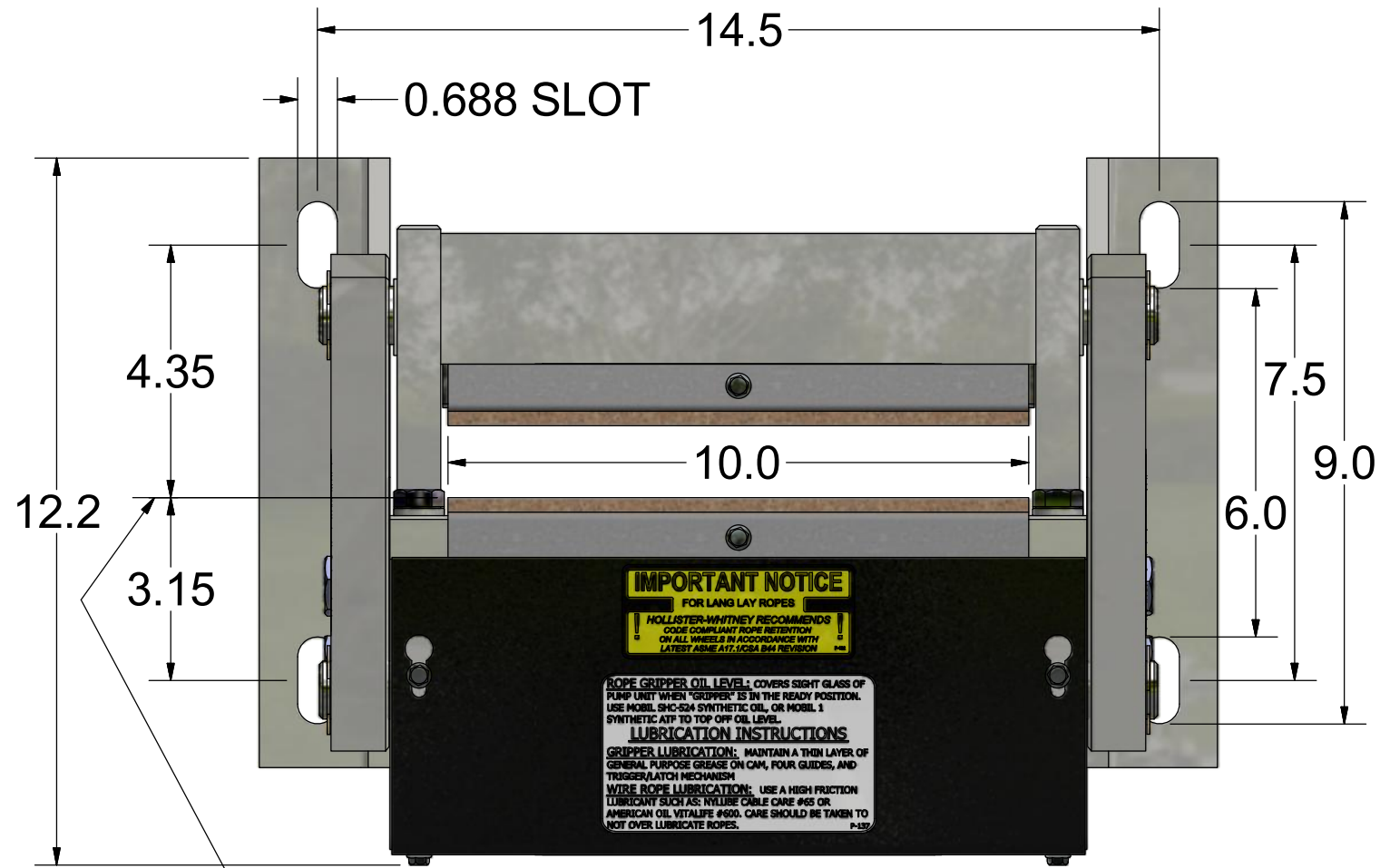
Weight - Pumping Unit: 29.2 lbmass, Gripper: 91.82 lbmass

SEE PREVIOUS PAGE
FOR REVISIONS

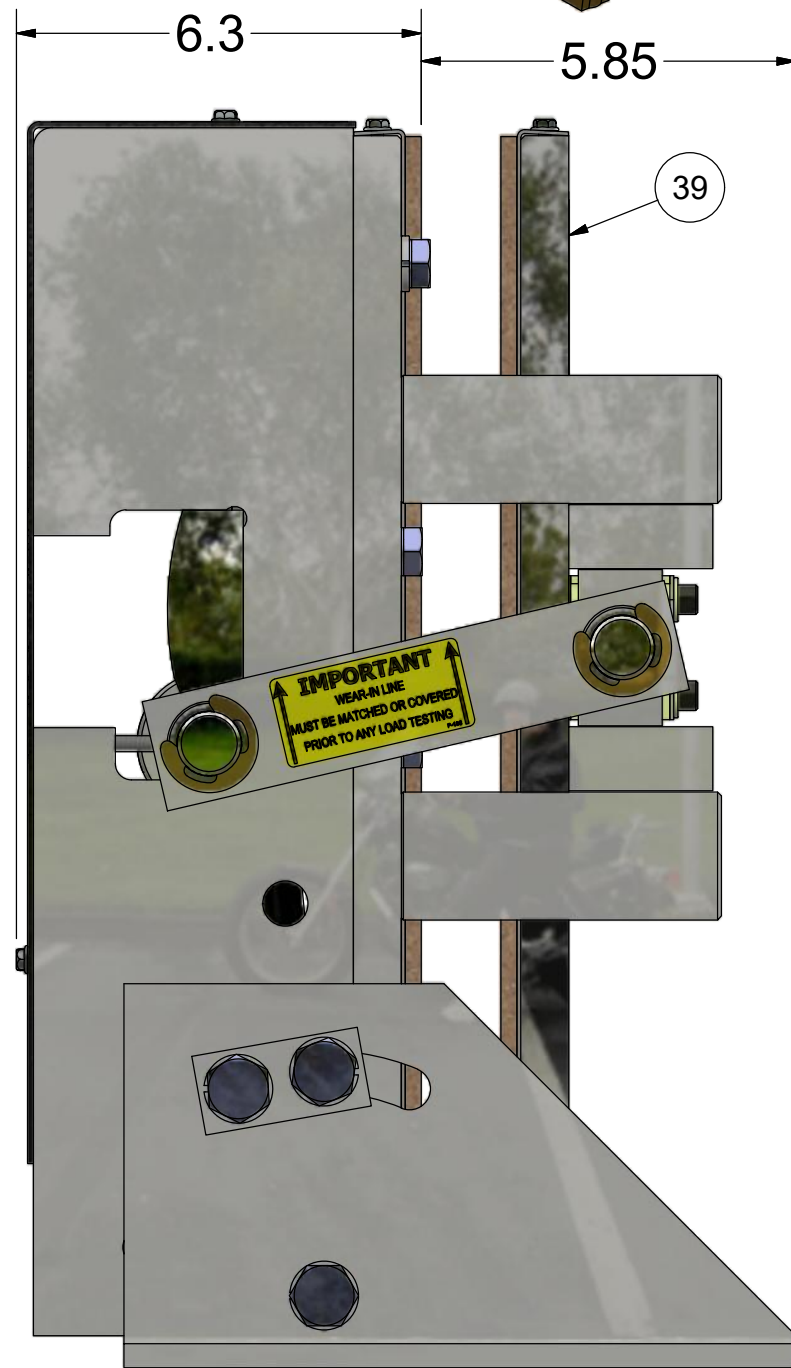
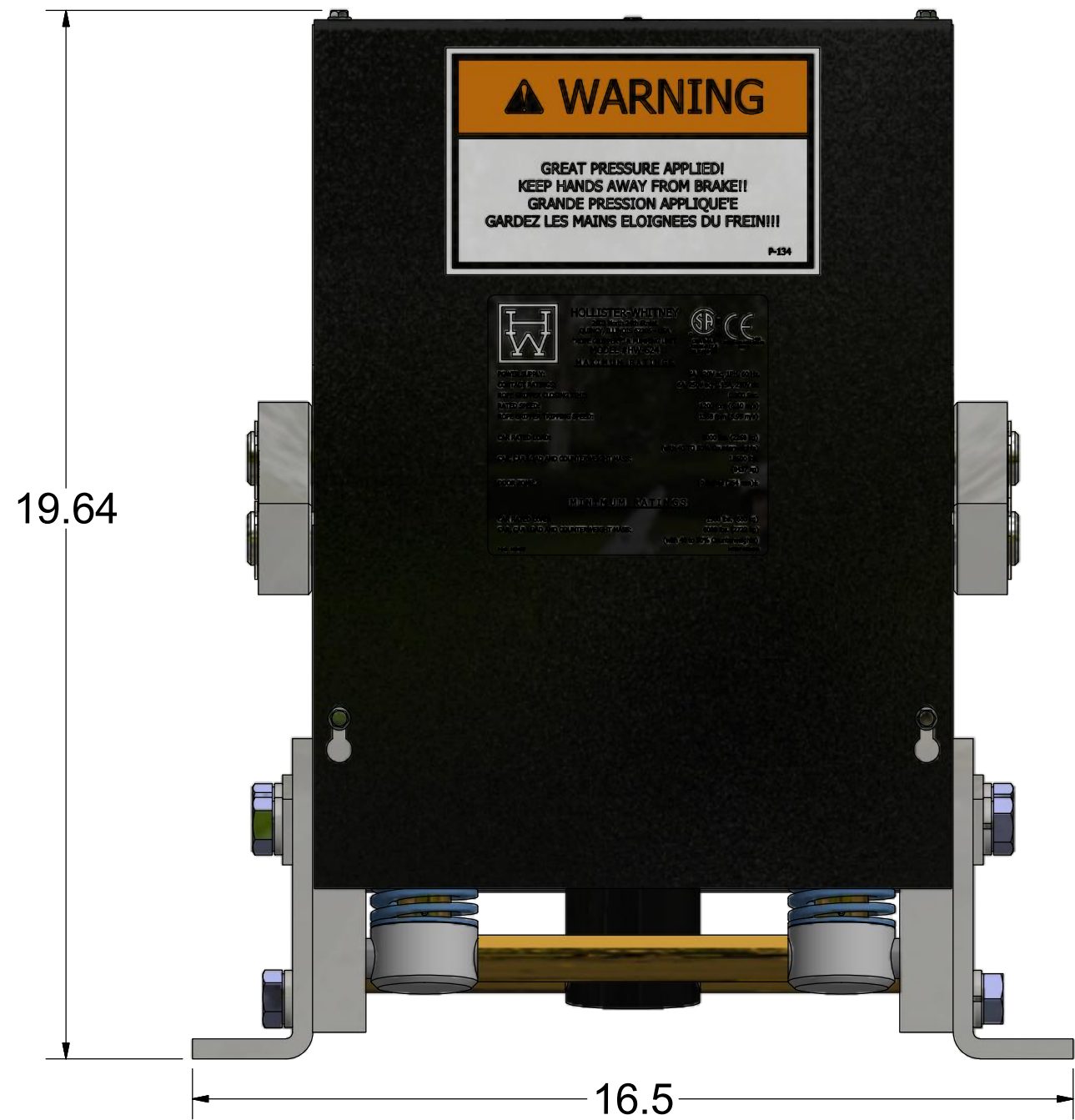
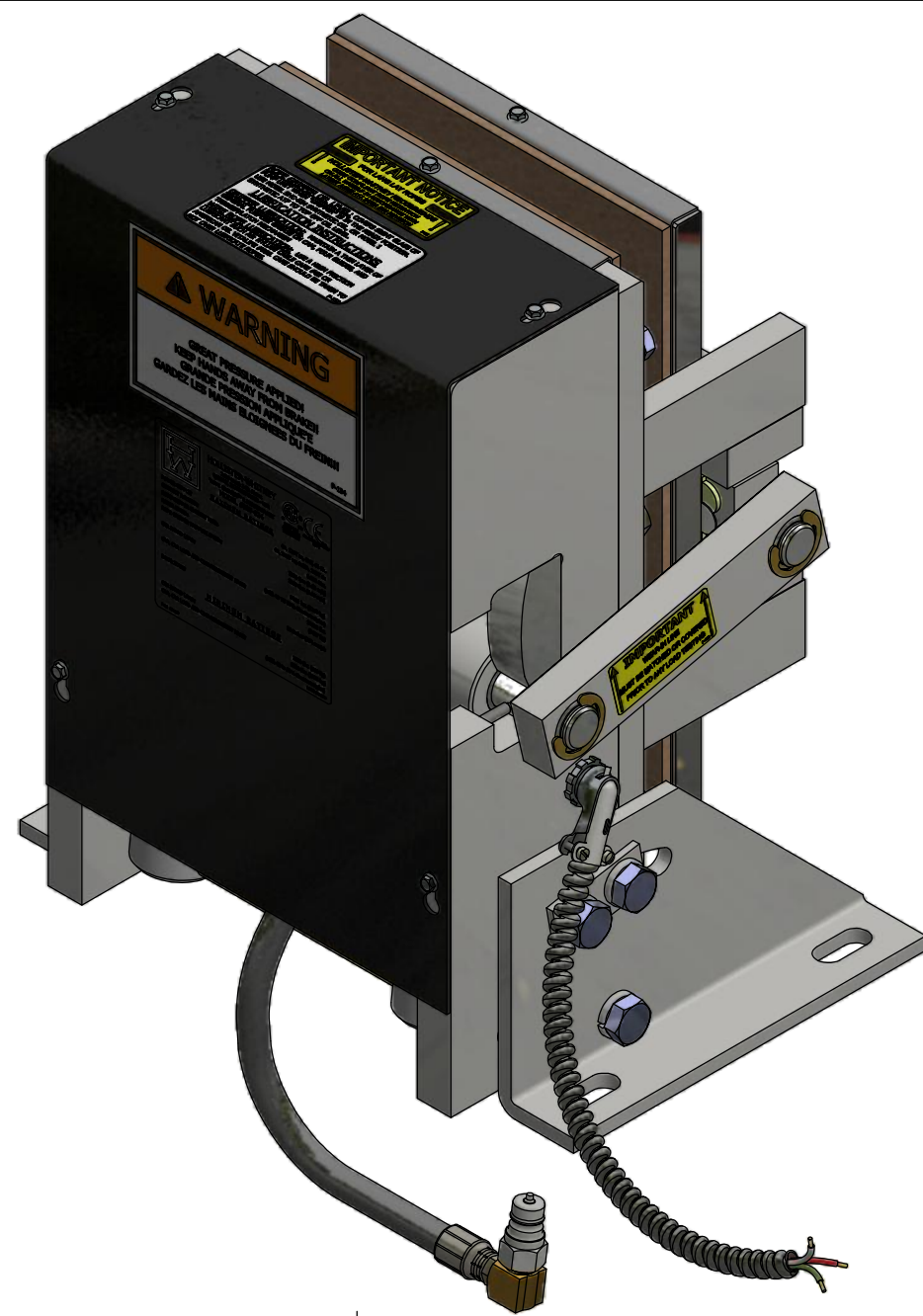
						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						ROPE GRIPPER ASSEMBLY			
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						SHEET SIZE C		DATE 3/25/2013	622 SHEET 2 OF 2

THIRD ANGLE PROJECTION





PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



NOTE:

- QTY LISTED FOR ITEMS 3, 4 & 5 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
- REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	624-003	STATIONARY SHOE ASSEMBLY
2	2	624-007	SHAFT SUPPORT BLOCK
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6	1	624-015	TUBING ASSEMBLY
7	2	626-018	SHAFT - ROTATING & NON-ROTATING
8	2	610-020	CONNECTING ARM ASSEMBLY
9	2	610-022	LINING ASSEMBLY
10	2	600-025	LOWER SPRING GUIDE ASSEMBLY
11	2	600-027	UPPER SPRING SUPPORT
12	2	600-029	GUIDE - UPPER SPRING SUPPORT
13	2	600-030	SPRING
14	2	626-031	SHAFT
15	2	624-032	TUBING - SPACER
16	1	624-033	TUBING - SPACER
17	1	600-035	CYLINDER ASSEMBLY
18	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
19	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
20	1	620-038	QUICK CONNECT FITTING
21	1	626-040	COVER - 624 & 626 ROPE GRIPPER
22	1	610-041 R	ANGLE, R.H. - MOUNTING
23	1	610-041 L	ANGLE, L.H. - MOUNTING
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	622-064-1	SWITCH ASS'Y, LEAD LENGTHS = 10'
		622-064-2	SWITCH ASS'Y, LEAD LENGTHS = 24'
		622-064-3	SWITCH ASS'Y, LEAD LENGTHS = 18'
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27	1	624-072	MOVABLE SHOE ASSEMBLY
28	1	601-078	LATCH
29	1	600-081-1	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
		600-081-2	
		600-081-3	
30	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
31	4	610-085	E-CLIP (TRUARC) X5133-98
32	1	610-087	PARKER #149F-6-4 MALE ELBOW
33	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
34	2	610-095	WASHER - DOUBLE BOLT
35	1	620-100	PUMPING UNIT
36	1	622-207	HOSE GROMMET
37	1	620-607	SOLENOID LOCKING UNIT
38	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
39	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
40	1	P-137	GRIPPER LUBE INST. STICKER
41	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
42	1	P-142	624 ROPE GRIPPER LABEL
43	1	P-144-2	AIR BLEED LABEL
44	2	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
45	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
46	6	5/8" - 11 UNC x 1 1/2"	HEX CAP SCREW
47	6	5/8 WASHER	STANDARD LOCK
48	4	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW
49	4	5/16" WASHER	STANDARD WASHER
50	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
51	2	#10-32 UNF x 0.375"	SOCKET HEAD CAP SCREW
52	8	#10 LOCK WASHER	STANDARD LOCK WASHER
53	1	10-32 UNF x 0.25	SET SCREW
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
56	8	#10-24 UNC x 0.5	WHIZ BOLT
57	1	#6-32 UNC X 0.3125	BRASS MACHINE SCREW
58	1	#6 WASHER	STANDARD WASHER

Weight - Pumping Unit: 29.2 lbmass, Gripper: 210.20 lbmass

HOLLISTER-WHITNEY ELEVATOR CO. LLC			
TITLE "ROPE GRIPPER" ASSEMBLY			
DRAWN BY LTL		SCALE 1 / 3	
MATERIAL SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
SHEET SIZE C		DATE 10/12/2006	
624		SHEET 1 OF 2	

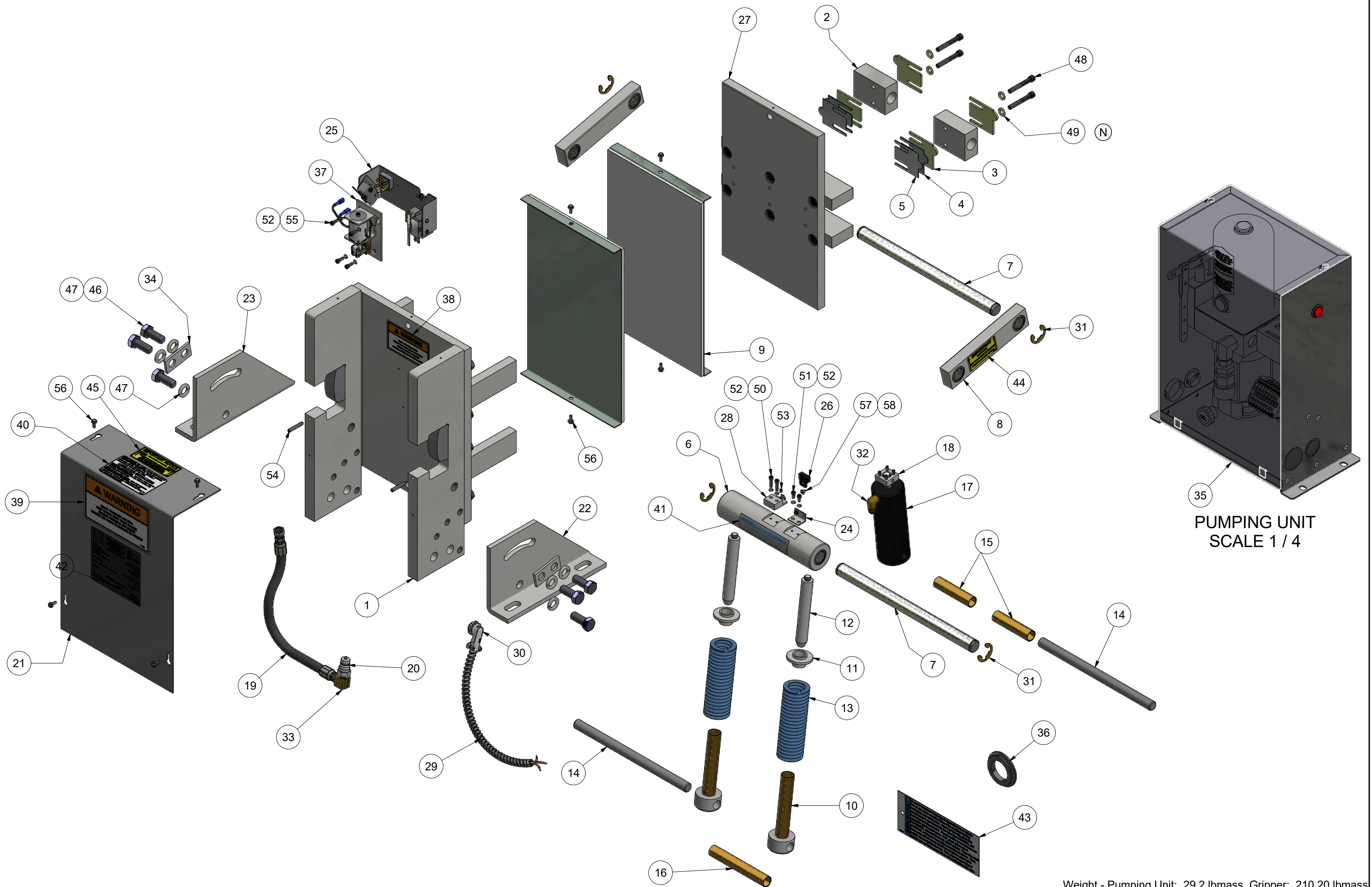
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.

THIRD ANGLE PROJECTION

N

5/16" WASHERS WAS LOCK, PUR #1087

LTL 3/8/19

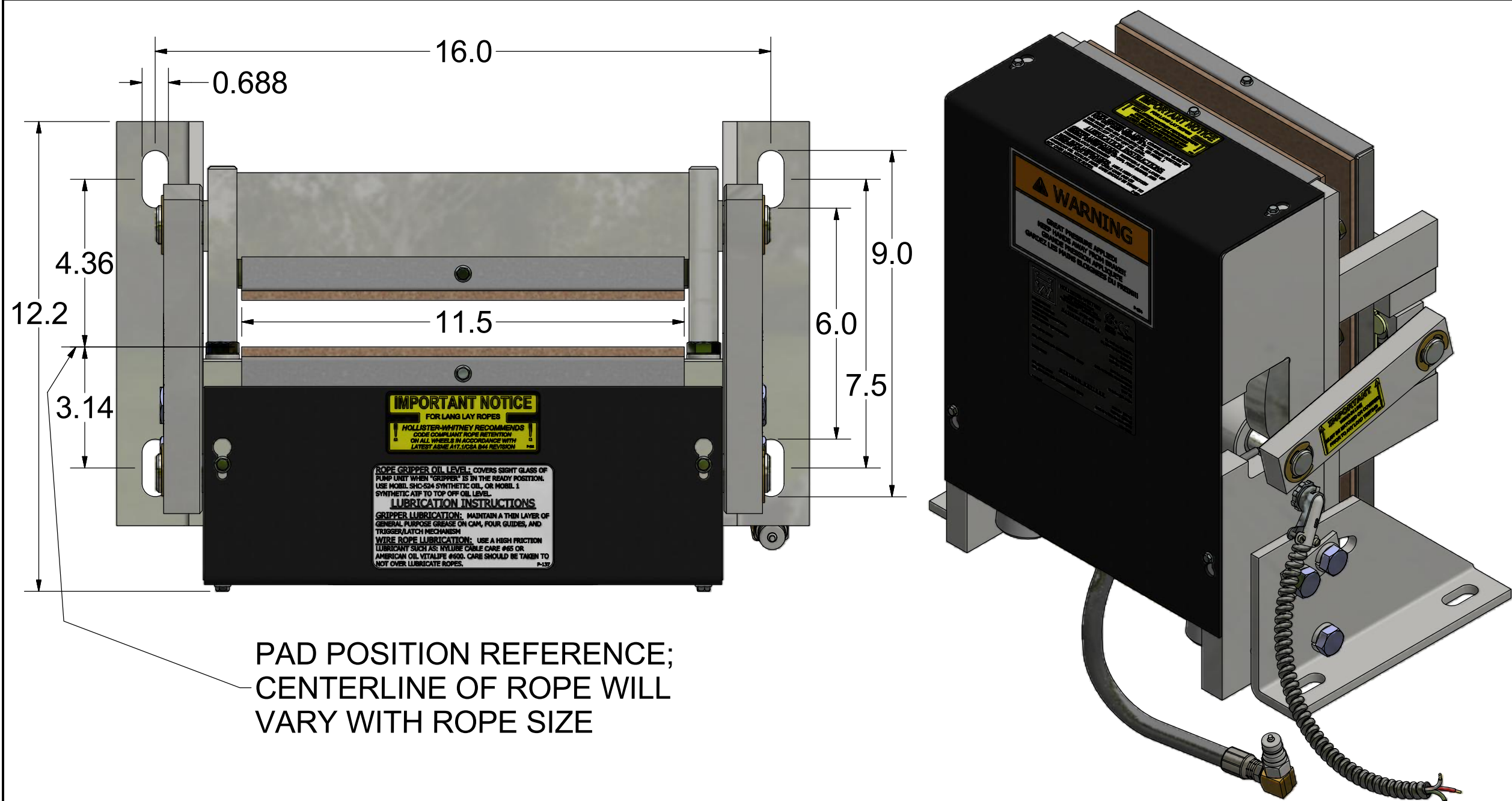


PUMPING UNIT
SCALE 1 / 4

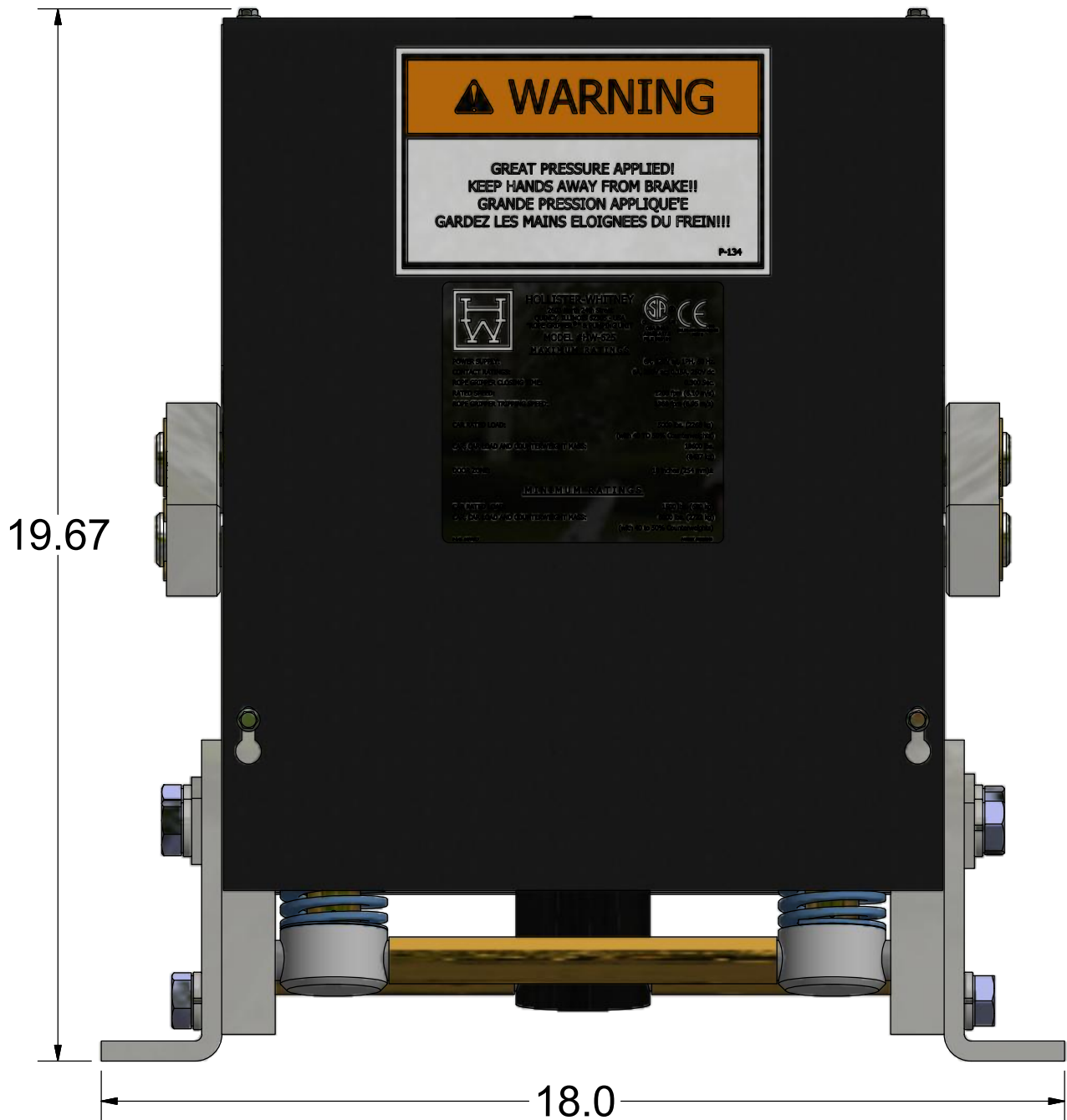
Weight - Pumping Unit: 29.2 lbmass, Gripper: 210.20 lbmass

SEE PREVIOUS PAGE
FOR REVISIONS

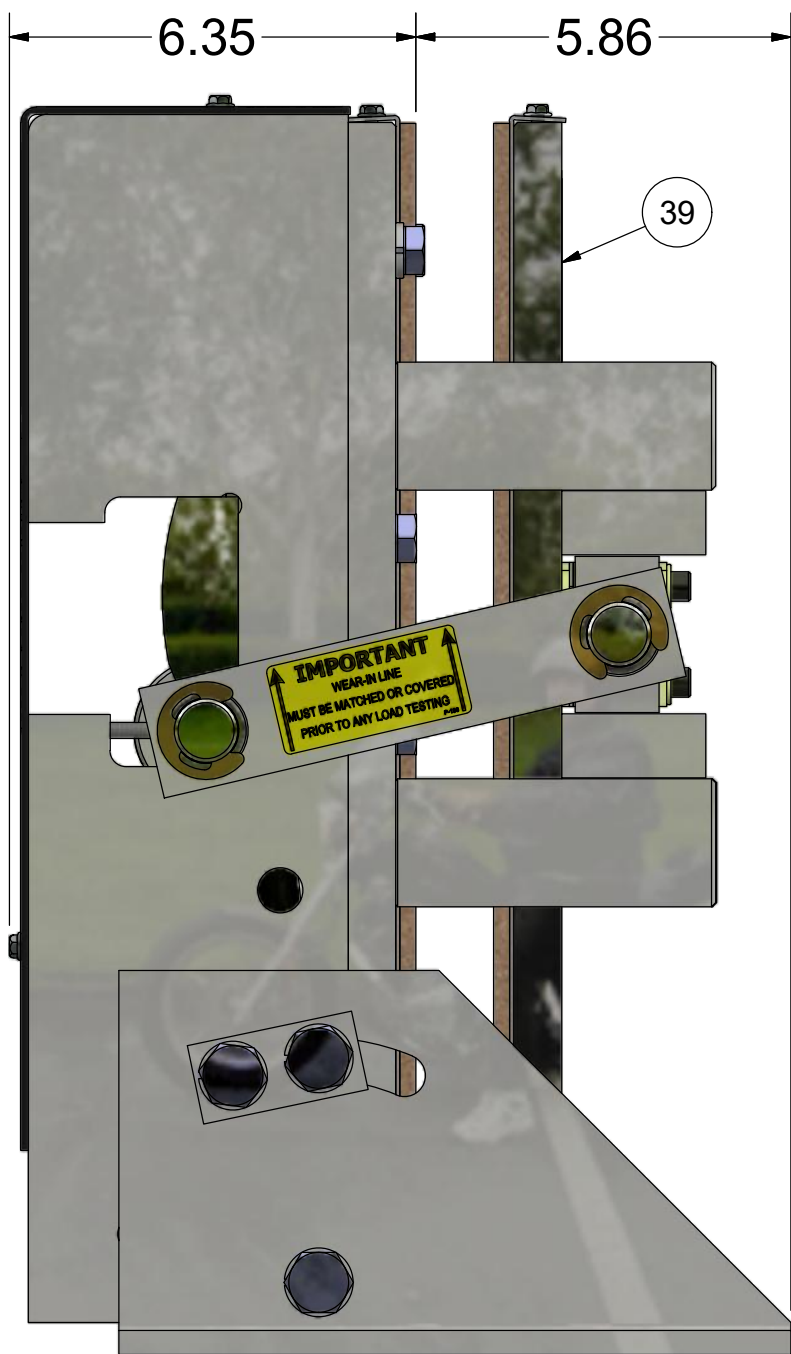
						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						"ROPE GRIPPER" ASSEMBLY			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
						LTL	1/5	SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
THIRD ANGLE PROJECTION 						SHEET SIZE	DATE	624	
						C	10/12/2006	SHEET 2 OF 2	



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



- NOTE:**
- QTY LISTED FOR ITEMS 3, 4 & 5 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
 - REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL



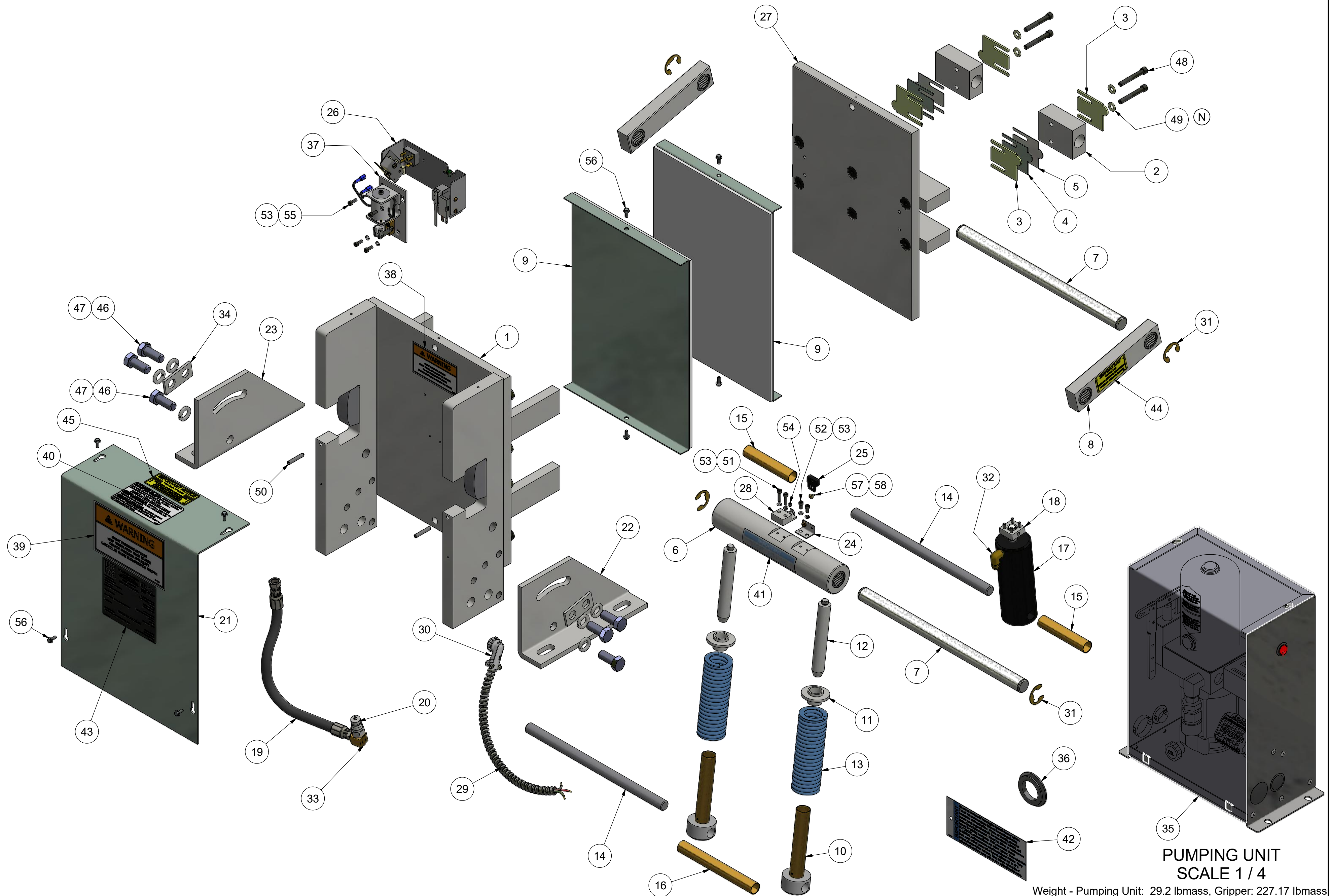
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	625-003	STATIONARY SHOE ASSEMBLY
2	2	624-007	SHAFT SUPPORT BLOCK
3	4	624-008	SPACER (11 GA.) - LINING WEAR
4	2	624-008-1	SPACER (16 GA.) - LINING WEAR
5	2	624-008-2	SPACER (22 GA.) - LINING WEAR
6	1	625-015	TUBING ASSEMBLY
7	2	610-018	SHAFT - ROTATING & NON-ROTATING
8	2	610-020	CONNECTING ARM ASSEMBLY
9	2	625-022	LINING ASSEMBLY
10	2	600-025	LOWER SPRING GUIDE ASSEMBLY
11	2	600-027	UPPER SPRING SUPPORT
12	2	600-029	GUIDE - UPPER SPRING SUPPORT
13	2	600-030	SPRING
14	2	610-031	SHAFT
15	2	605-032	TUBING - SPACER
16	1	605-033	TUBING - SPACER
17	1	600-035	CYLINDER ASSEMBLY
18	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
19	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
20	1	620-038	QUICK CONNECT FITTING
21	1	625-040	COVER - 625 ROPE GRIPPER
22	1	610-041 R	ANGLE, R.H. - MOUNTING
23	1	610-041 L	ANGLE, L.H. - MOUNTING
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	618-067	CONTACT PLATE ASSEMBLY
26	1	622-064-1	SWITCH ASS'Y, LEAD LENGTHS = 10'
		622-064-2	SWITCH ASS'Y, LEAD LENGTHS = 24'
		622-064-3	SWITCH ASS'Y, LEAD LENGTHS = 18'
27	1	625-072	MOVABLE SHOE ASSEMBLY
28	1	601-078	LATCH
29	1	600-081-1	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
		600-081-2	
		600-081-3	
30	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
31	4	610-085	E-CLIP (TRUARC) X5133-98
32	1	610-087	PARKER #149F-6-4 MALE ELBOW
33	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
34	2	610-095	WASHER - DOUBLE BOLT
35	1	620-100	PUMPING UNIT
36	1	622-207	HOSE GROMMET
37	1	620-607	SOLENOID LOCKING UNIT
38	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
39	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
40	1	P-137	GRIPPER LUBE INST. STICKER
41	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
42	1	P-144-2	AIR BLEED LABEL
43	1	P-145	625 ROPE GRIPPER LABEL
44	2	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
45	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
46	6	5/8" - 11 UNC x 1 1/2"	HEX CAP SCREW
47	6	5/8	WASHER
48	4	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW
49	4	5/16"	WASHER
50	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
51	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
52	2	#10-32 UNF x 0.375"	SOCKET HEAD CAP SCREW
53	8	#10	LOCK WASHER
54	1	10-32 UNF x 0.25	SET SCREW
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
56	8	#10-24 UNC x 0.5	WHIZ BOLT
57	1	#6-32 UNC X 0.3125	BRASS MACHINE SCREW
58	1	#6	WASHER

Weight - Pumping Unit: 29.2 lbmass, Gripper: 227.17 lbmass

				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
				TITLE			
				ROPE GRIPPER ASSEMBLY			
				DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
				BLG	1 / 4	SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
				SHEET SIZE	DATE		625
				C	4/26/2013		SHEET 1 OF 2

THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT. HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.

THIRD ANGLE PROJECTION



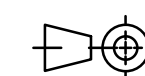
PUMPING UNIT
SCALE 1 / 4

Weight - Pumping Unit: 29.2 lbmass, Gripper: 227.17 lbmass

SEE PREVIOUS PAGE
FOR REVISIONS

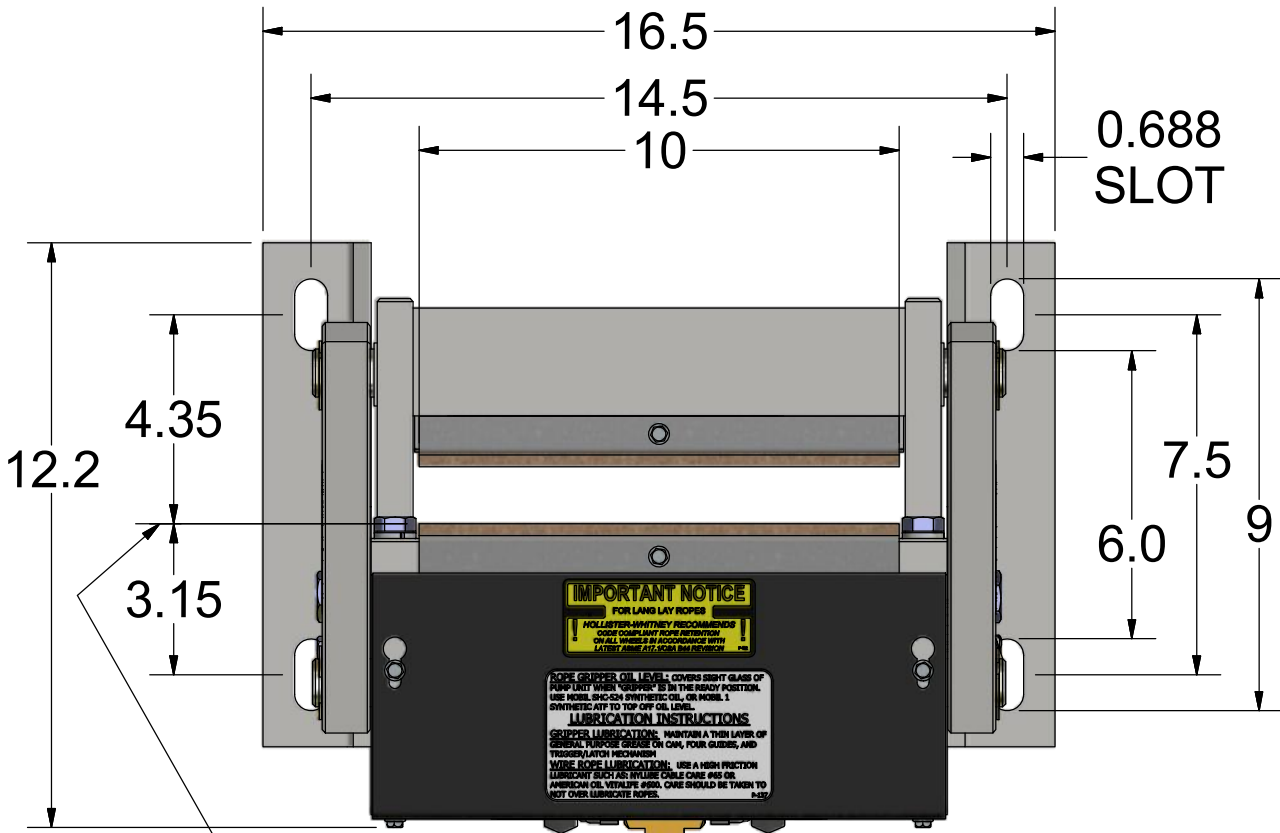
						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						ROPE GRIPPER ASSEMBLY			
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						SHEET SIZE C		DATE 4/26/2013	625 SHEET 2 OF 2

THIRD ANGLE PROJECTION

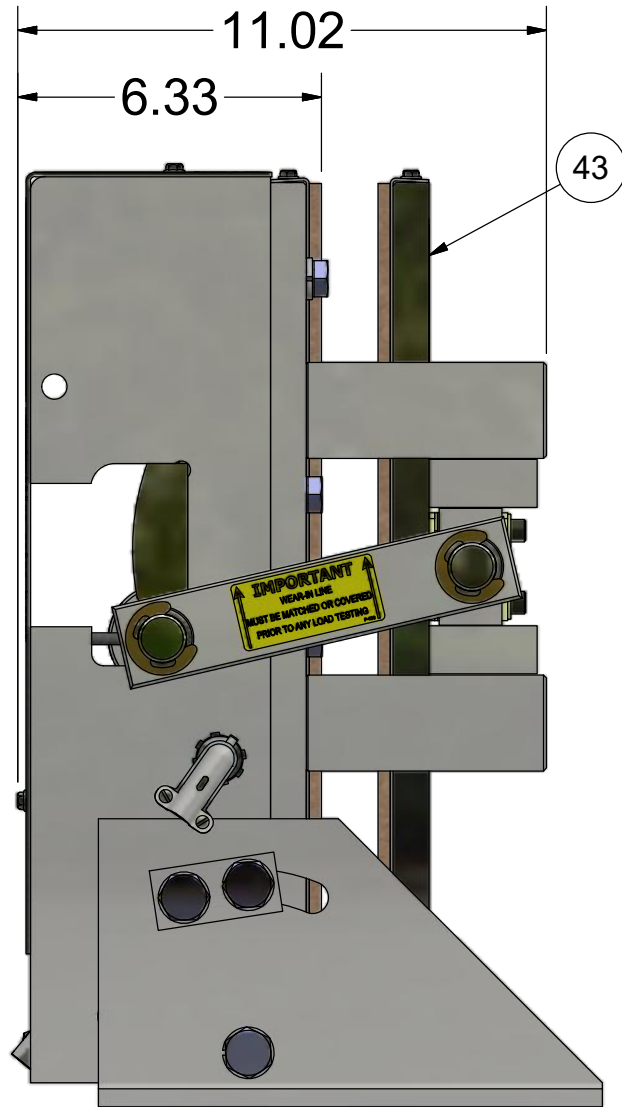
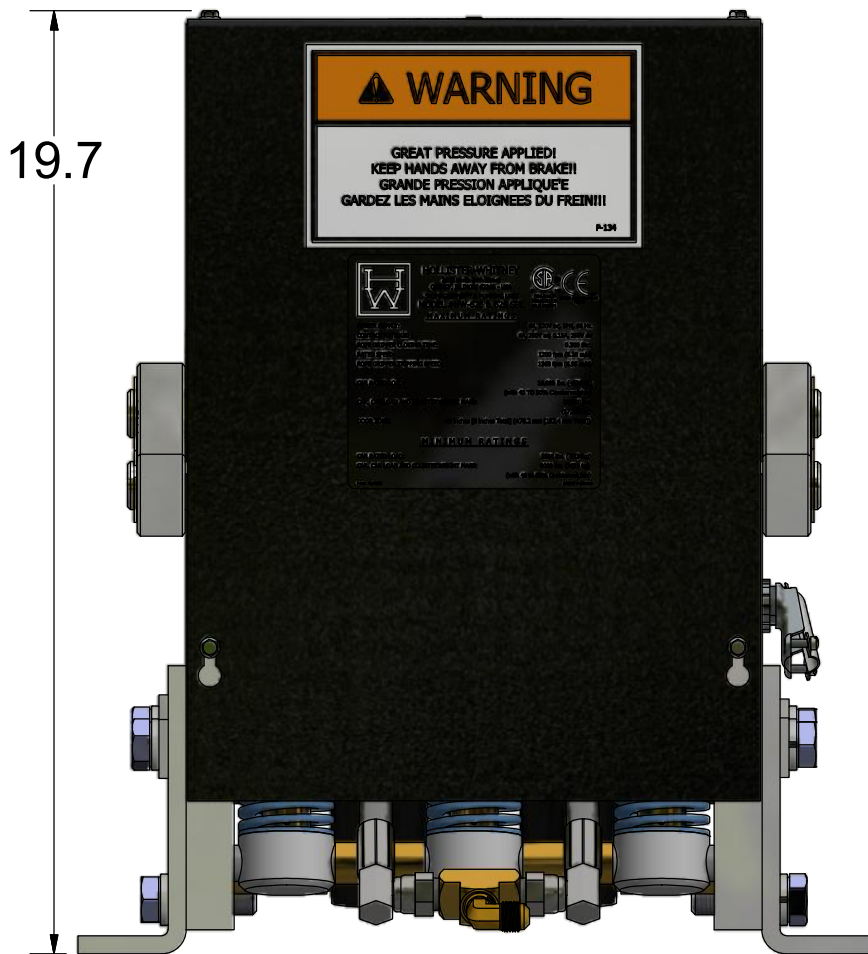


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	626-003	STATIONARY SHOE ASSEMBLY
2	2	624-007	SHAFT SUPPORT BLOCK
3	1	626-007	SHAFT SUPPORT BLOCK
4	6	624-008	SPACER (11 GA.) - LINING WEAR
5	3	624-008-1	SPACER (16 GA.) - LINING WEAR
6	3	624-008-2	SPACER (22 GA.) - LINING WEAR
7	1	626-015	TUBING ASSEMBLY
8	2	626-018	SHAFT - ROTATING & NON-ROTATING
9	2	610-020	CONNECTING ARM ASSEMBLY
10	2	610-022	LINING ASSEMBLY
11	3	600-025	LOWER SPRING GUIDE ASSEMBLY
12	3	600-027	UPPER SPRING SUPPORT
13	3	600-029	GUIDE - UPPER SPRING SUPPORT
14	3	600-030	SPRING
15	2	626-031	SHAFT
16	3	626-032	TUBING - SPACER
17	2	626-033	TUBING - SPACER
18	2	610-035	610-035 CYLINDER ASSEMBLY
19	2	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
20	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
		620-038	QUICK CONNECT FITTING
22	1	626-040	COVER - 624 & 626 ROPE GRIPPER
23	1	610-041 R	ANGLE, R.H. - MOUNTING
24	1	610-041 L	ANGLE, L.H. - MOUNTING
25	1	600-051	ACTUATING ANGLE w/SCREWS
26	1	622-064-1	SWITCH ASS'Y, LEAD LENGTHS = 10'
		622-064-2	SWITCH ASS'Y, LEAD LENGTHS = 24'
		622-064-3	SWITCH ASS'Y, LEAD LENGTHS = 18'
27	1	618-067	CONTACT PLATE ASSEMBLY
28	1	624-072	MOVABLE SHOE ASSEMBLY
29	1	601-078	LATCH
30	1	600-081-1	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
		600-081-2	
		600-081-3	
31	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
32	4	610-085	E-CLIP (TRUARC) X5133-98
33	1	610-086	3/8" TEE
34	2	610-087	PARKER #149F-6-4 MALE ELBOW
35	1	610-088	BRASS ELBOW, #149F-6-6, 45°FH 5/8"-18 x 3/8 NPTF18
36	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
37	2	626-092	HOSE ASSEMBLY
38	2	610-095	WASHER - DOUBLE BOLT
39	1	620-100	PUMPING UNIT
40	1	622-207	HOSE GROMMET
41	1	620-607	SOLENOID LOCKING UNIT
42	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
43	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
44	1	P-137	GRIPPER LUBE INST. STICKER
45	1	P-140	626 & 626SPL ROPE GRIPPER LABEL
46	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
47	1	P-144-2	AIR BLEED LABEL
48	2	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
49	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
50	6	5/8" - 11 UNC x 2"	HEX CAP SCREW
51	6	5/8 WASHER	STANDARD LOCK
52	6	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW
53	6	5/16" WASHER	STANDARD WASHER
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
55	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
56	2	#10-32 UNF x 0.375"	SOCKET HEAD CAP SCREW
57	8	#10 LOCK WASHER	STANDARD LOCK WASHER
58	1	10-32 UNF x 0.25	SET SCREW
59	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
60	8	#10-24 UNC x 0.5	WHIZ BOLT
61	1	#6-32 UNC X0.3125	BRASS MACHINE SCREW
62	1	#6 WASHER	STANDARD WASHER

Q



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE

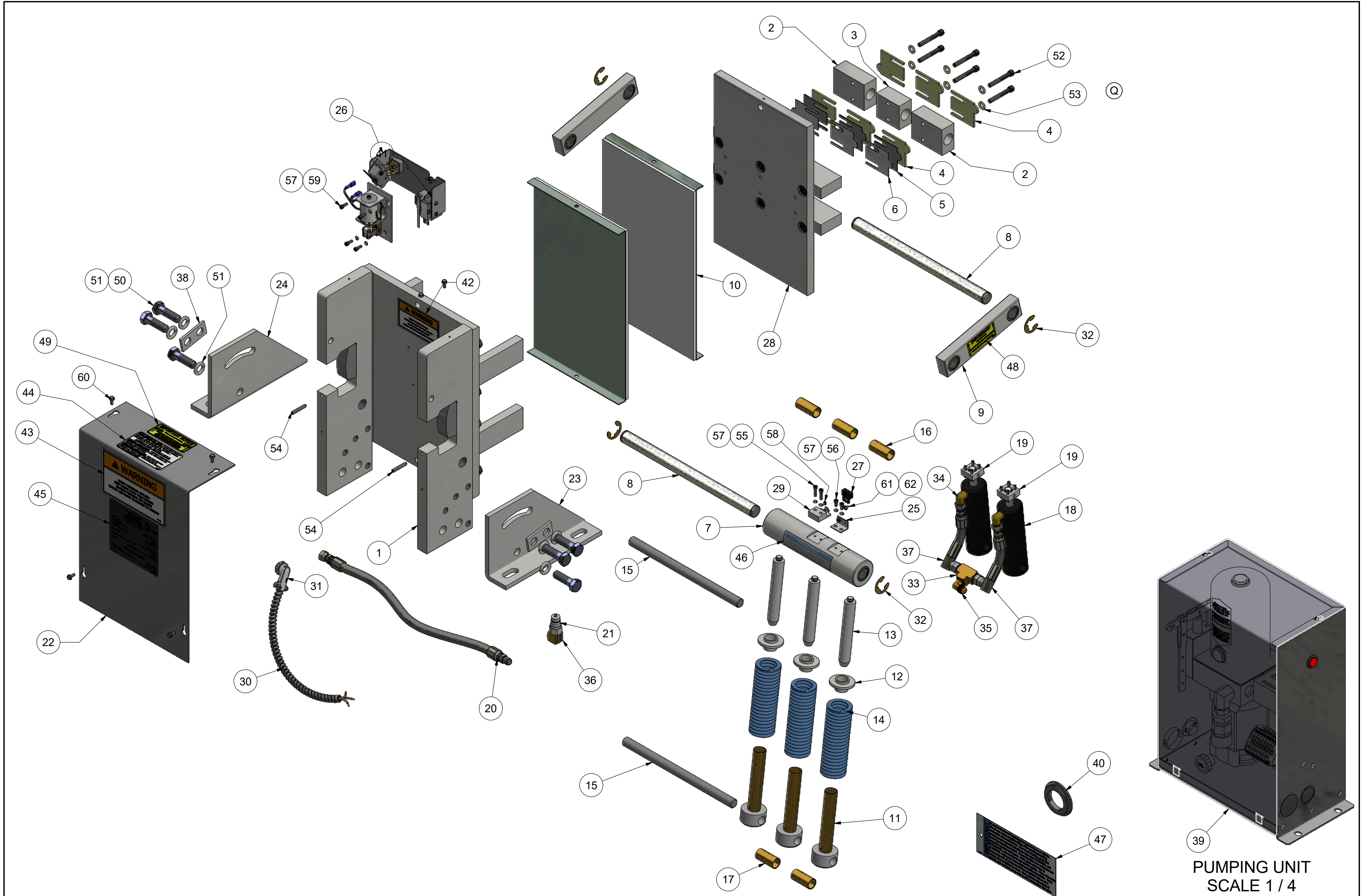


NOTE:

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- REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

Weight - Pumping Unit: 29.2 lbmass, Gripper: 214.94 lbmass

						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE "ROPE GRIPPER" ASSEMBLY			
				Q	5/16" WASHERS WAS LOCK, PUR #1087	LTL 7/25/19	DRAWN BY LTL	SCALE 1 / 4	MATERIAL SEE PARTS LIST
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						THIRD ANGLE PROJECTION 		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
				SHEET SIZE C		DATE 5/27/2004		626 SHEET 1 OF 2	



PUMPING UNIT
SCALE 1 / 4

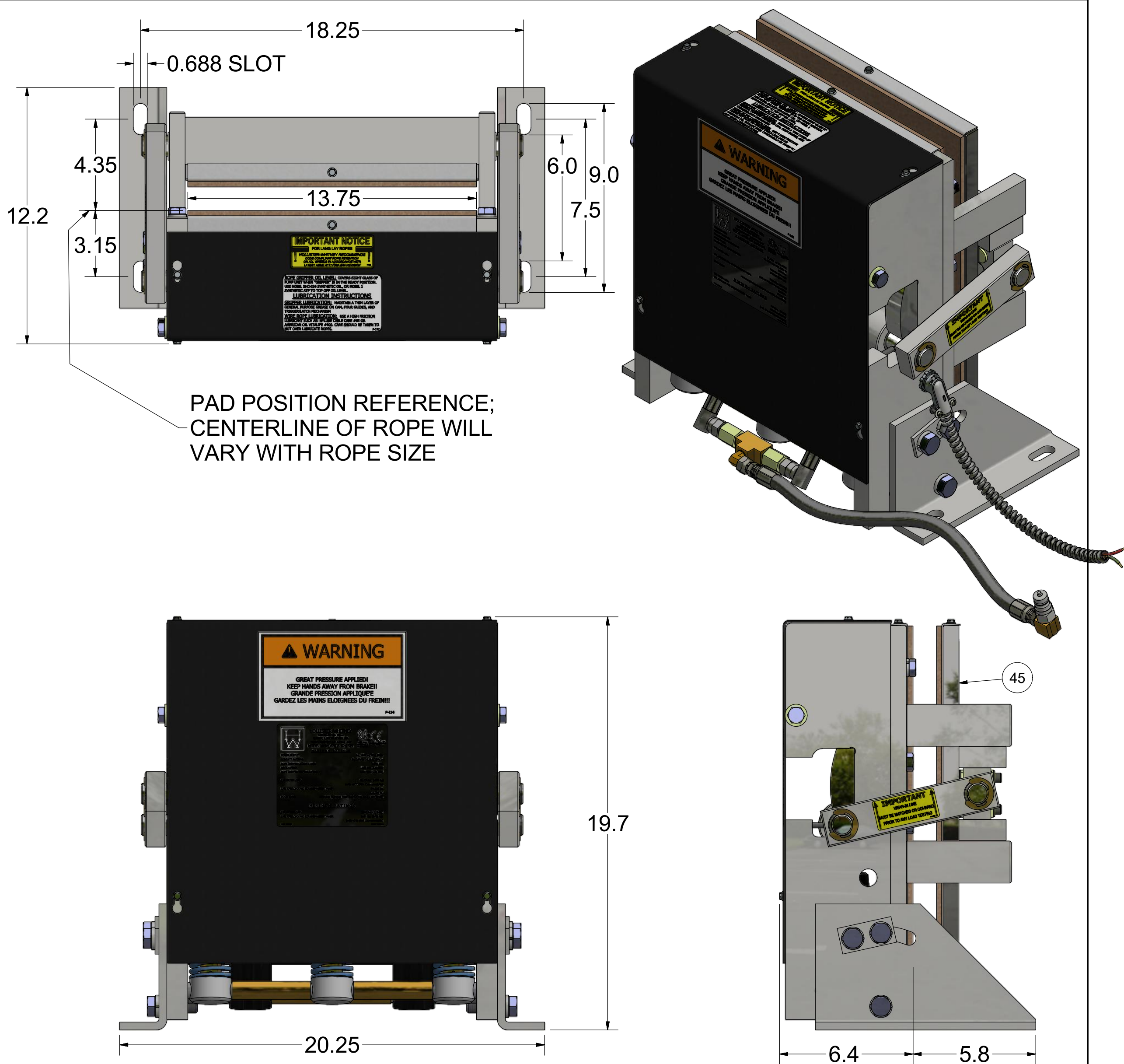
Weight - Pumping Unit: 29.2 lbmass, Gripper: 214.94 lbmass

SEE PREVIOUS PAGE
FOR REVISIONS

						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						"ROPE GRIPPER" ASSEMBLY			
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						SHEET SIZE C		DATE 5/27/2004	
THIRD ANGLE PROJECTION 						MATERIAL SEE PARTS LIST		REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED	
								626 SHEET 2 OF 2	

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	626-003-SPL	STATIONARY SHOE ASSEMBLY
2	2	624-007	SHAFT SUPPORT BLOCK
3	1	626-007	SHAFT SUPPORT BLOCK
4	6	624-008	SPACER (11 GA.) - LINING WEAR
5	3	624-008-1	SPACER (16 GA.) - LINING WEAR
6	3	624-008-2	SPACER (22 GA.) - LINING WEAR
7	1	626-015-SPL	TUBING ASSEMBLY
8	2	626-018-SPL	SHAFT - ROTATING & NON-ROTATING
9	2	610-020	CONNECTING ARM ASSEMBLY
10	2	610-022-SPL	LINING ASSEMBLY
11	3	600-025	LOWER SPRING GUIDE ASSEMBLY
12	3	600-027	UPPER SPRING SUPPORT
13	3	600-029	GUIDE - UPPER SPRING SUPPORT
14	3	600-030	SPRING
15	2	626-031-SPL	SHAFT
16	2	601-032	TUBING - SPACER
17	1	626-032-SPL	TUBING - SPACER
18	2	626-033-SPL	TUBING - SPACER
19	2	610-035	610-035 CYLINDER ASSEMBLY
20	2	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
21	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
22	1	620-038	QUICK CONNECT FITTING
23	1	626-040-SPL	COVER - ROPE GRIPPER
24	1	610-041 R	ANGLE, R.H. - MOUNTING
25	1	610-041 L	ANGLE, L.H. - MOUNTING
26	1	600-051	ACTUATING ANGLE w/SCREWS
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		622-064-2	SWITCH ASS'Y, LEAD LENGTHS = 24'
		622-064-3	SWITCH ASS'Y, LEAD LENGTHS = 18'
28	1	618-067	CONTACT PLATE ASSEMBLY
29	1	626-072-SPL	MOVABLE SHOE ASSEMBLY
30	1	601-078	LATCH
31	1	600-081-1	CONDUIT - FLEXIBLE (1/2"), LENGTH TO MATCH 622-064
		600-081-2	
		600-081-3	
32	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
33	4	610-085	E-CLIP (TRUARC) X5133-98
34	1	610-086	3/8 NPT TEE
35	2	610-087	PARKER #149F-6-4 MALE ELBOW
36	1	610-088	BRASS ELBOW, #149F-6-6, 45° FH 5/8"-18 x 3/8 NPTF18
37	2	626-092	HOSE ASSEMBLY
38	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
39	2	610-095	WASHER - DOUBLE BOLT
40	1	626-097 SPL	BAR - SUPPORT
41	1	620-100	PUMPING UNIT
42	2	622-115	3/8 NPT EXTENSION
43	1	622-207	HOSE GROMMET
44	1	620-607	SOLENOID LOCKING UNIT
45	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
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47	1	P-140	626 & 626SPL ROPE GRIPPER LABEL
48	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
49	1	P-144-2	AIR BLEED LABEL
50	2	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
51	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
52	6	5/8" - 11 UNC x 2"	HEX CAP SCREW
53	6	5/8 WASHER	STANDARD LOCK
54	2	1/2" - 13 UNC x 1 3/4"	HEX CAP SCREW
55	2	1/2" WASHER	SAE WASHER
56	6	5/16-18 UNC x 1.75	SOCKET HEAD CAP SCREW
57	6	5/16" WASHER	STANDARD WASHER
58	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
59	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
60	2	#10-32 UNF x 0.375"	SOCKET HEAD CAP SCREW
61	1	10-32 UNF x 0.25	SET SCREW
62	4	5/16-18 UNC x 1.75	SOCKET HEAD CAP SCREW
63	8	#10-24 UNC x 0.5	WHIZ BOLT
64	8	#10 LOCK WASHER	STANDARD LOCK WASHER
65	1	#6-32 UNCX0.3125	BRASS MACHINE SCREW
66	1	#6 WASHER	STANDARD WASHER

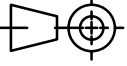
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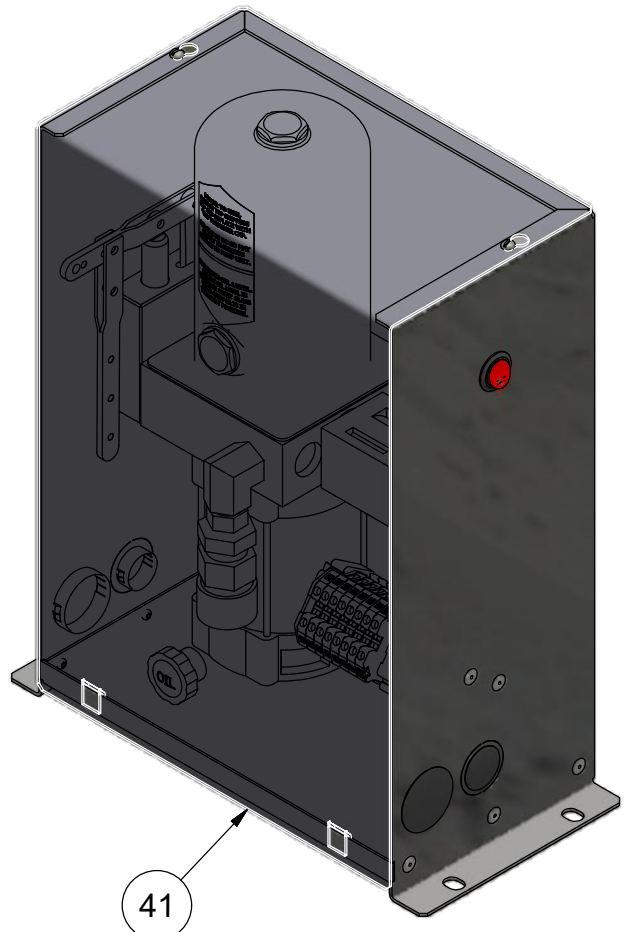
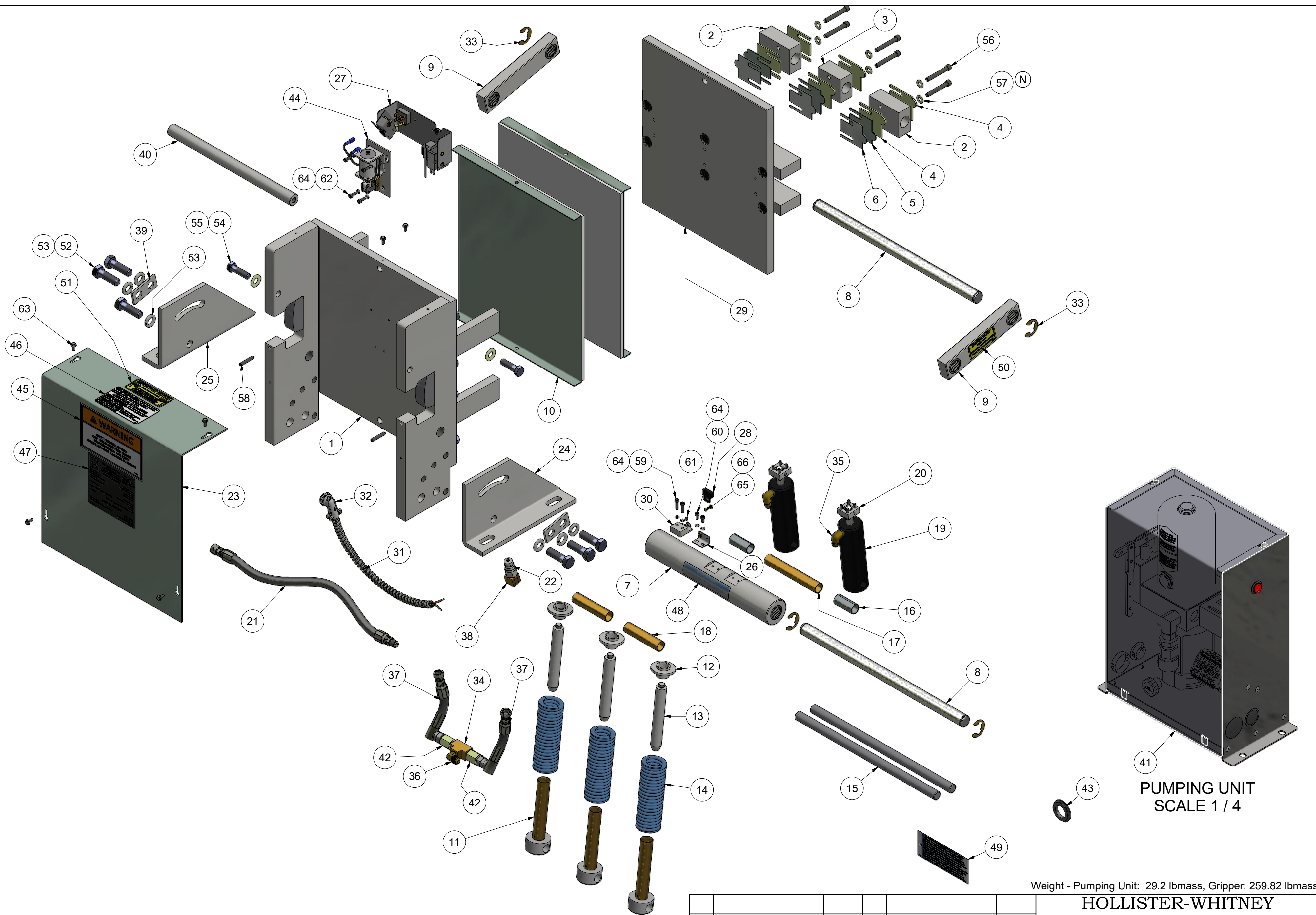


NOTE:

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- REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

Weight - Pumping Unit: 29.2 lbmass, Gripper: 259.82 lbmass

						HOLLISTER-WHITNEY ELEVATOR CO. LLC					
						TITLE					
				N	5/16" WASHERS WAS LOCK, PUR #1087	LT 7/25/19	"ROPE GRIPPER" ASSEMBLY				
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							SHEET SIZE C		DATE 5/29/2013		626-SPL SHEET 1 OF 2



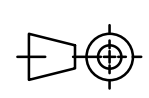
PUMPING UNIT
SCALE 1 / 4

Weight - Pumping Unit: 29.2 lbmass, Gripper: 259.82 lbmass

SEE PREVIOUS PAGE
FOR REVISIONS

						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						"ROPE GRIPPER" ASSEMBLY			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						DRAWN BY BLG	SCALE 1/5	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE C		DATE 5/29/2013	626-SPL SHEET 2 OF 2

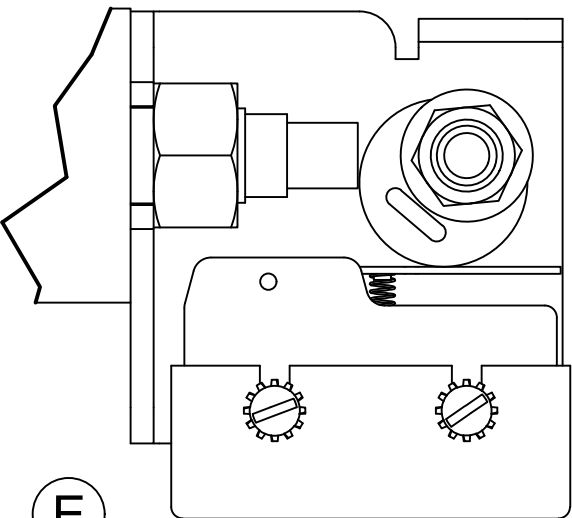
THIRD ANGLE PROJECTION



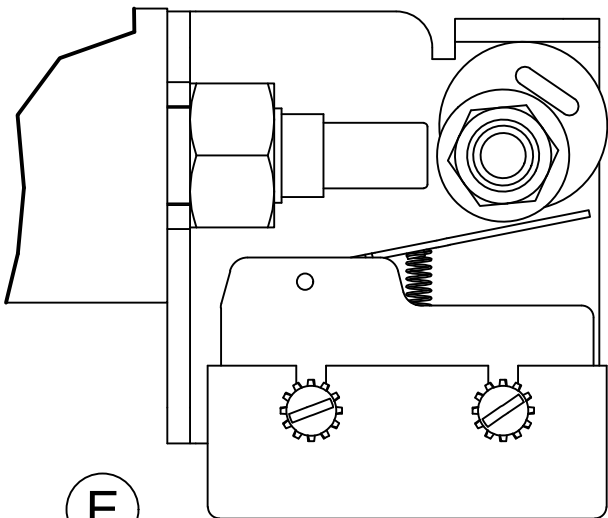
NOTE: WHEN INSTALLING,
REPLACE SHIPPING CAP ON OIL
RESERVOIR WITH "OIL"
BREATHER CAP (ITEM 20).

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	620-600	BOX ASSEMBLY, 620 PUMPING STATION
2	1	620-205	VALVE, EATON VICKERS SV-10-OP-0 W/O NUT
3	1	622-206	PUMPING UNIT DUMP VALVE COIL
4	2	620-620	12" WIRE, 18AWG STRANDED, RED w/F. SHIELDED CONNECTOR
5	1	620-622	4" WIRE, 18AWG STRANDED, BLUE w/F. SHIELDED CONNECTORS
6	1	620-623	7" WIRE, 18AWG STRANDED, BLUE w/F. SHIELDED CONNECTOR
7	2	620-624	LOCKING HOLE PLUG
8	1	620-625	CAPACITOR MOUNTING BRACKET
9	2	201-032	LOCKING HOLE PLUG
10	1	1/2 - 20 UNF	HEX NUT
11	2	#10-32 UNF x 0.375"	WHIZ BOLT
12	2	#10 WASHER	EXTERNAL TOOTH LOCK WASHER
13	1	#8 - 32 UNC x 2.375"	ROUND HEAD MACHINE SCREW
14	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW
15	2	M8 -1.25 X 12MM	HEX HEAD CAP SCREW
16	2	8mm WASHER	STANDARD LOCK WASHER
17	2	CAP-0131N	CAPACITOR, 124-148 µF 250 VAC 50/60 Hz
18	1	P-225	INSIDE COVER LABEL - PUMPING UNIT (620-626SPL ROPE GRIPPER)
19	1	620-626	AUTO/MANUAL MICROSWITCH ASS'Y
19.1	2	620-621	9" WIRE, 18AWG STRANDED, YELLOW, NOT SHOWN
19.2	1	620-627	BRACKET - MANUAL VALVE
19.3	1	620-628	ECCENTRIC CAM
19.4	1	620-629	MICROSWITCH
19.5	1	MICS-0016N	SWITCH COVER
19.6	1	5/16 - 18 UNC X 1.25	TAP BOLT FULLY THREADED
19.7	1	5/16 WASHER	EXT. TOOTH LOCK WASHER
19.8	1	5/16 WASHER	STANDARD LOCK
19.9	2	5/16" WASHER	STANDARD WASHER
19.10	1	5/16 - 18 UNC	NYLON (NYLOCK) HEX LOCK NUT
19.11	1	5/16 - 18 UNC	HEX JAM NUT
19.12	2	#6-32 UNC X 1"	BRASS MACHINE SCREW
19.13	2	#6 WASHER	EXTERNAL STAR LOCK WASHER
20	1	RG1-0003N	OIL RESERVOIR BREATHER CAP
21	1	RG1-0004N	GYG PUMP AND OIL RESERVOIR ASS'Y
22	1	RG1-0005N	TERMINAL ASS'Y, 620 PUMPING STATION
23	1	RG1-0009N	COVER, 620 ROPE GRIPPER PUMPING STATION
24	1	SW-0081N	ON-OFF SWITCH, SPST 10A 125V

E
E



MANUAL MODE: With Test
Switch OFF, place flat head
screwdriver in Cam Slot, then
slowly rotate the Cam
CLOCKWISE



AUTOMATIC MODE: With Test
Switch OFF, place flat head
screwdriver in Cam Slot, then
slowly rotate the Cam
COUNTER-CLOCKWISE

SHIPPING WEIGHT: 33 lbs
WEIGHT: 29.2

HOLLISTER-WHITNEY ELEVATOR CO. LLC			
PUMPING UNIT - 620 THRU 626 ROPE GRIPPER			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.		THIRD ANGLE PROJECTION	
DRAWN BY BLG		SCALE 1 / 3	
SHEET SIZE C		DATE 4/3/2013	
REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED		620-100 SHEET 1 OF 2	

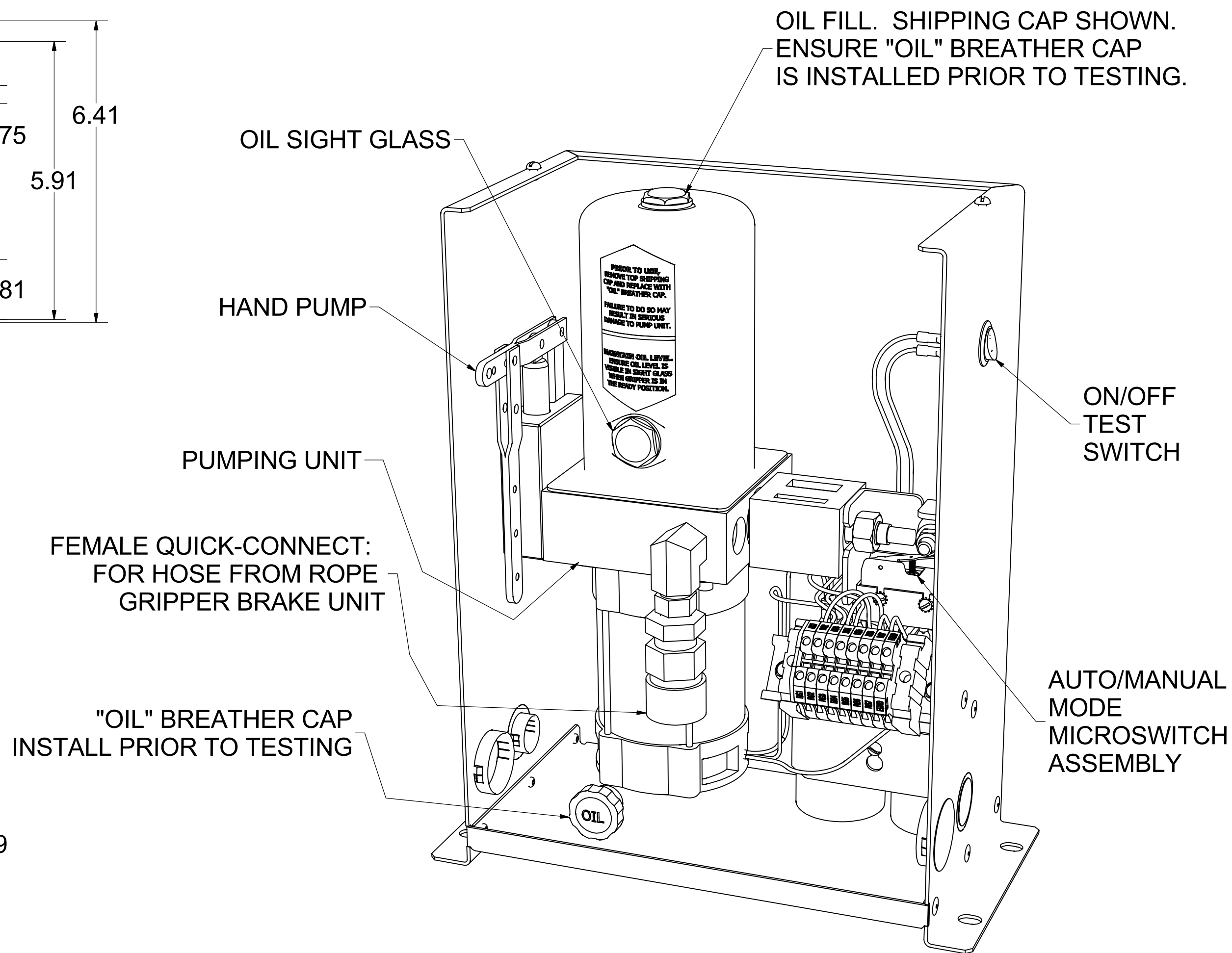
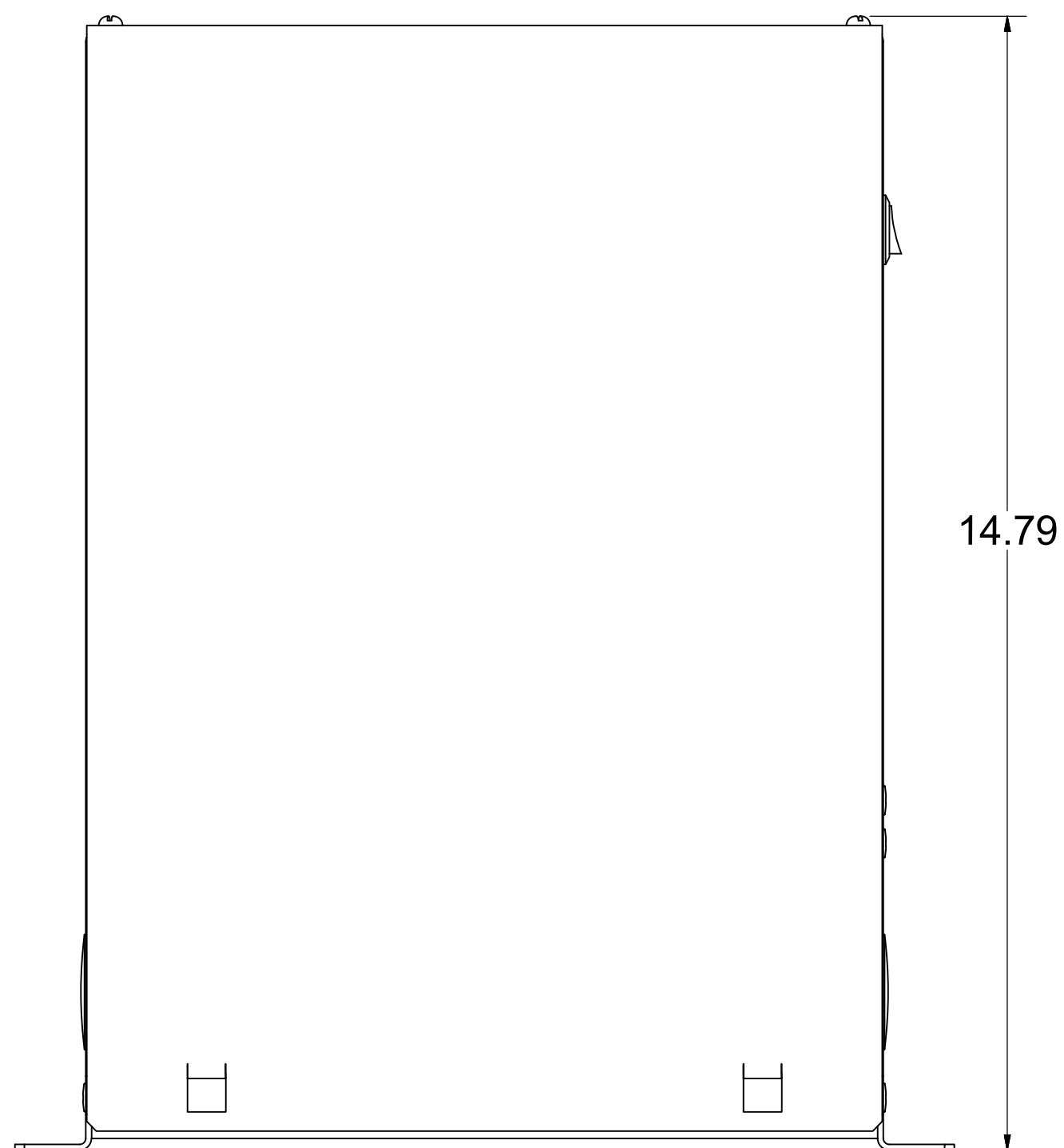
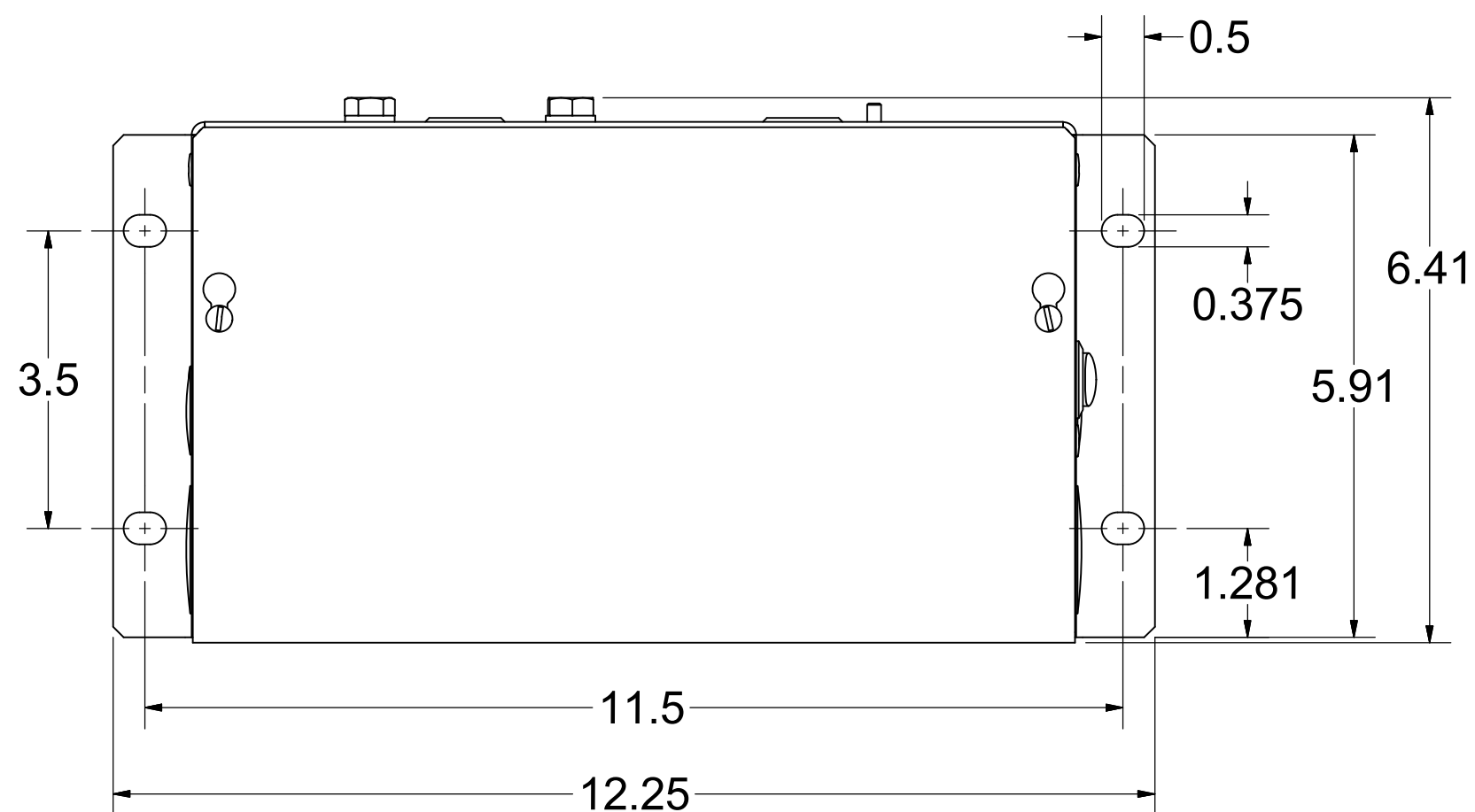
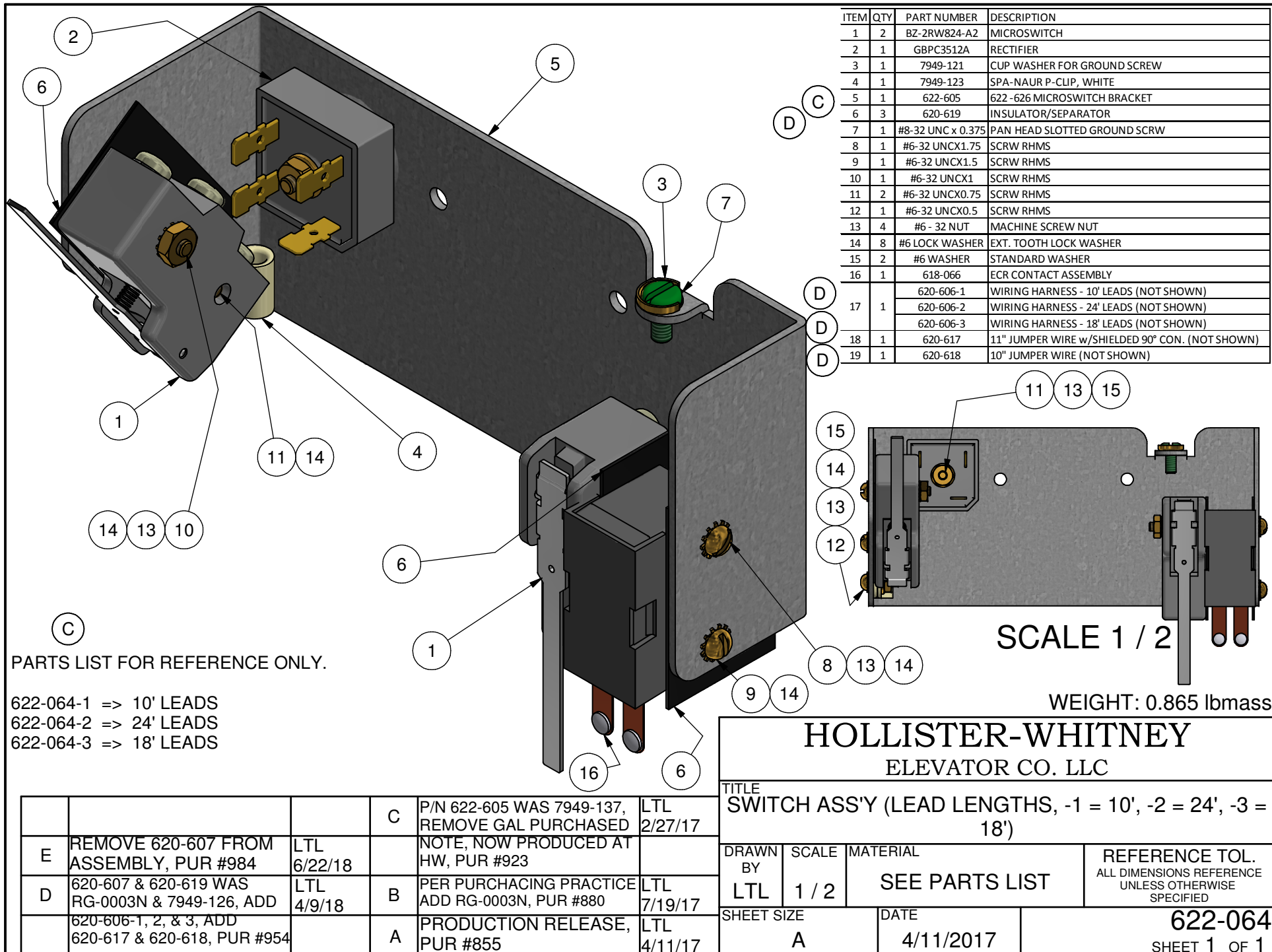


ILLUSTRATION VIEW

WEIGHT: 29.2

				HOLLISTER-WHITNEY ELEVATOR CO. LLC			
SEE PAGE 1 OF 2 FOR REVISIONS				TITLE PUMPING UNIT - 620 THRU 626 ROPE GRIPPER			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				DRAWN BY BLG	SCALE 1 / 2	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
				SHEET SIZE C		DATE 4/3/2013	620-100 SHEET 2 OF 2

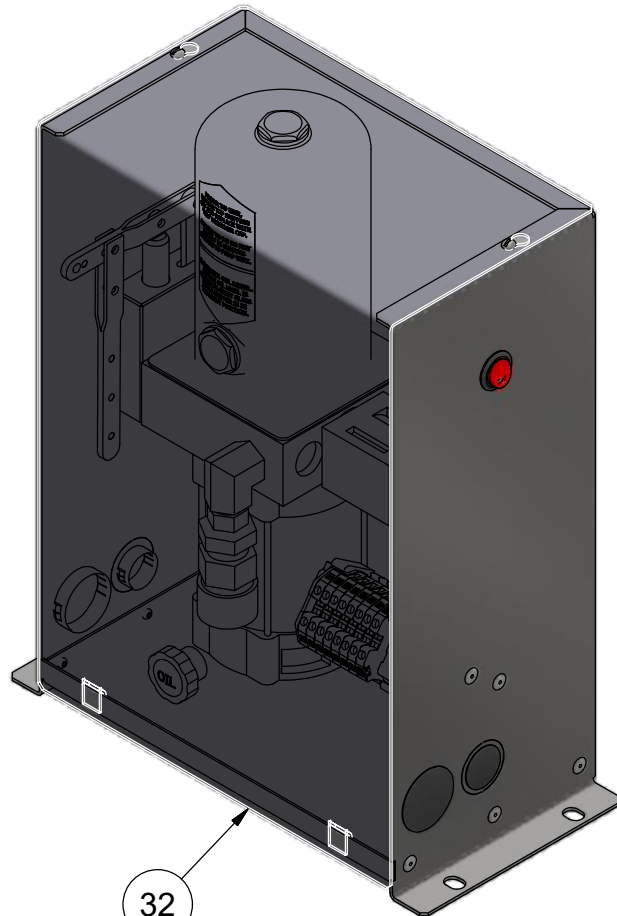
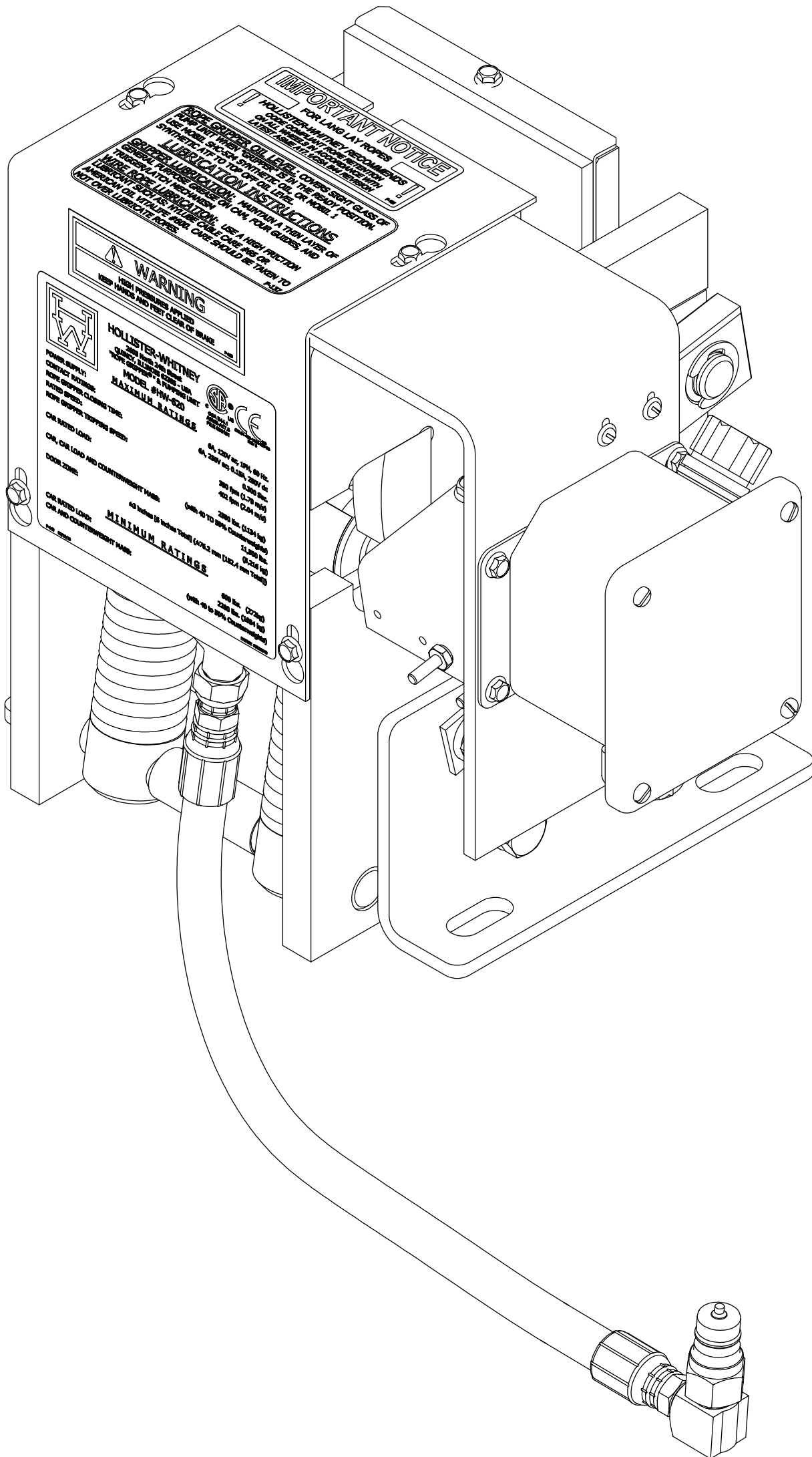


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	620-003	STATIONARY SHOE ASSEMBLY
2	1	620-004	MOVABLE SHOE
3	2	620-007	SHAFT SUPPORT BLOCK
4	4	620-008	SPACER (11 GA.) - LINING WEAR
5	2	620-008-1	SPACER (16 GA.) - LINING WEAR
6	2	620-008-2	SPACER (22 GA.) - LINING WEAR
7	1	620-015	TUBING ASSEMBLY
8	2	620-018	ROTATING & NON-ROTATING SHAFT
9	1	601-020	CONNECTING ARM ASSEMBLY
10	1	601-020-N	ARM ASSEMBLY - NEMA CONNECTING
11	2	620-022	LINING ASSEMBLY
12	2	601-025	LOWER SPRING GUIDE ASSEMBLY
13	2	601-027	SPRING UPPER SUPPORT
14	2	601-029	SPRING UPPER SUPPORT GUIDE
15	2	601-030	GRIPPER SPRING
16	2	620-031	SHAFT
17	2	620-032	SPACER TUBING
18	1	620-033	TUBING - SPACER
19	1	601-035	CYLINDER - ASSEMBLY
20	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
21	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30" MAX)
22	1	620-038	QUICK CONNECT FITTING
23	1	601-039	1/8 X 1/4 NPT, 90° ELBOW
24	1	620-040	COVER - 620 ROPE GRIPPER
25	1	601-041 L	MOUNTING ANGLE - LEFT
26	1	601-041 R	MOUNTING ANGLE - RIGHT
27	1	601-078	LATCH
28	1	620-081-N- "L"	LIQUIDTITE FLEX CONDUIT (LFC), "L" = HOSE "L"
29	1	610-087	90° ADAPTOR, 45° FH 5/8"-18 X 1/4 NPT 18
30	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
31	2	601-095	DOUBLE BOLT WASHER
32	1	620-100	PUMPING UNIT
33	1	620-104	NEMA 4 SWITCH BRACKET #1
34	1	620-105	NEMA 4 SWITCH BRACKET #2
35	1	620-106-RH	NEMA COMPLIANT JUNCTION BOX (A-443DSC), RIGHT HAND
		620-106-LH	NEMA COMPLIANT JUNCTION BOX (A-443DSC), LEFT HAND
36	1	620-107	SPACER - SOLENOID MOUNTING BRACKET
37	4	620-108	NYLON UNTHREADED SPACER
38	1	620-109	TERMINAL BLOCK ASSEMBLY
39	1	620-110	#2521 - STR. CORD CONNECTOR
40	3	620-111	#2522 - STR. CORD CONNECTOR
41	1	620-112	#5332 - STR. METAL CONDUIT CONNECTOR
42	1	622-207	HOSE GROMMET
43	1	620-606-N- "CL"	PUMP UNIT CABLE (RED), LENGTH "CL" = LFC "L" + 4 FT
44	1	620-607 N7-9	SOLENOID LOCKING UNIT - ELECTRICOATED
45	2	620-609-3	16-14 MALE DISCONNECT TERMINAL
46	4	620-609-4	16-14 SHIELDED FEMALE DISCONNECT TERMINAL
47	5	620-630	#5262 - SEALING RING
48	4	620-631	#LN 101SC - LOCKNUT
49	1	620-632	#650-DC2 - 3/8" BOX CONNECTOR
50	1	620-633	N7-9 R. G. COIL STRANDED HOOK-UP WIRE - 620, 621 & 622
51	1	620-634	N7-9 SHRINK TUBING - ALL GRIPPERS
52	4	90-033	E-CLIP, #X5133-74
53	1	GBPC3512A	RECTIFIER
54	3	BZE6-RN-F3	NEMA COMPLIANT MICROSWITCH
55	6	1/2 - 13 UNC x 1.25"	HEX HEAD BOLT
56	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
57	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
58	4	5/16" WASHER	STANDARD WASHER
59	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
60	2	1/4-20 UNC x 0.5	WHIZ BOLT
61	2	#10-32 UNF x 0.875	SOCKET HEAD CAP SCREW
62	1	10-32 UNF x 0.25	SET SCREW
63	1	10 - 32 UNF x 0.25	GROUNDING SCREW
64	2	10-24 UNC x 1	FLAT SOCKET HEAD MACHINE SCREW
65	10	#10-24 UNC x 0.5	WHIZ BOLT
66	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
67	2	#10-24 NUT	HEX NUT
68	8	#10 LOCK WASHER	STANDARD LOCK WASHER
69	1	#8 - 32 UNC x 5/8"	ROUND HEAD MACHINE SCREW
70	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW
71	2	#6 - 32 UNC x 2-1/2"	ROUND HEAD MACHINE SCREW
72	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
73	1	P-137	GRIPPER LUBE INST. STICKER
74	1	P-139	ROPE GRIPPER WARNING LABEL - SMALL
75	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
76	1	P-143	620 ROPE GRIPPER LABEL
77	1	P-144-2	AIR BLEED LABEL
78	1	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
79	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

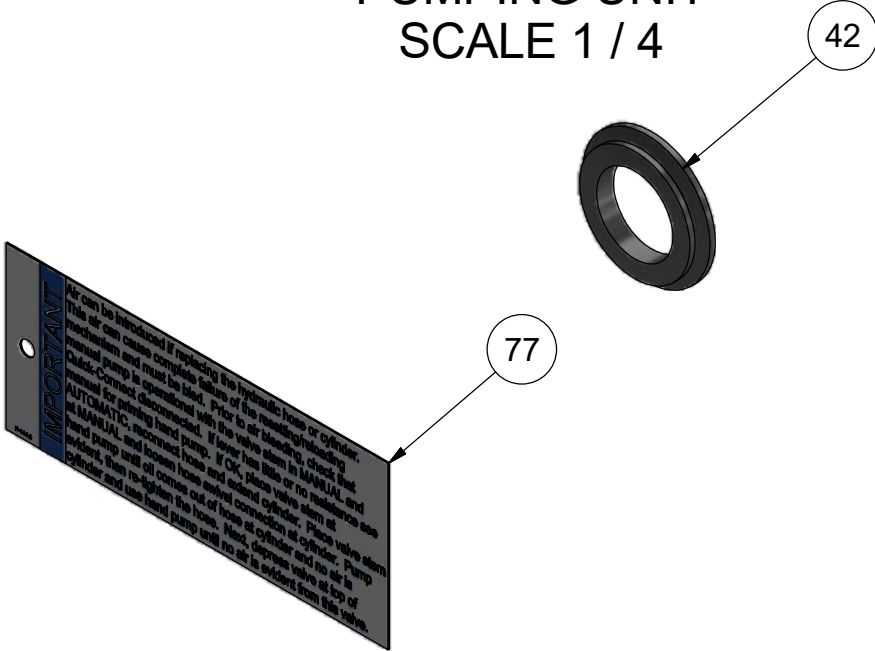
D

E
E

D



PUMPING UNIT
SCALE 1 / 4

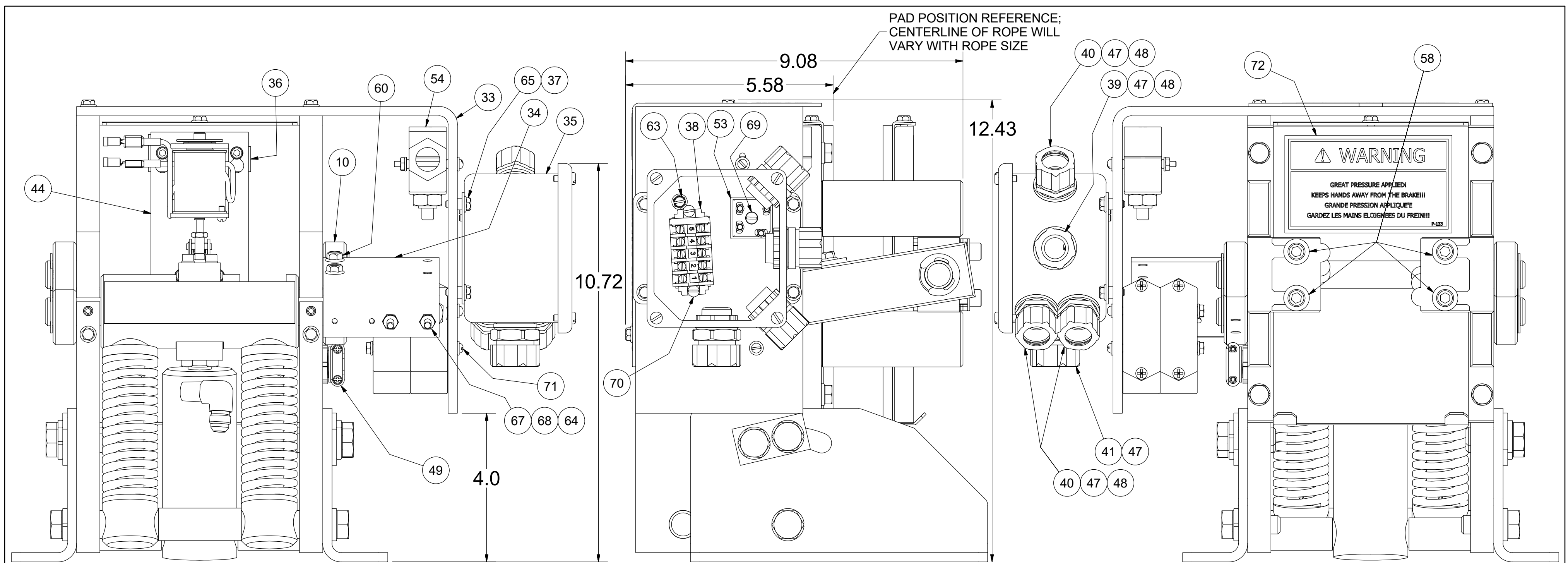


NOTE:

- RIGHT HAND (RH) GRIPPER SHOWN, LEFT HAND SIMILAR
- LEFT HAND BOX 620-106-LH USED FOR LEFT HAND GRIPPER. (SEE ITEM 35)
- QTY LISTED FOR ITEMS 4, 5 & 6 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
- NEMA SPECIFIC PARTS LISTING SEE PAGE 2 OF 2

PUMPING UNIT WEIGHT: 29.2 LBS
ROPE GRIPPER WEIGHT: 72.8 lbmass

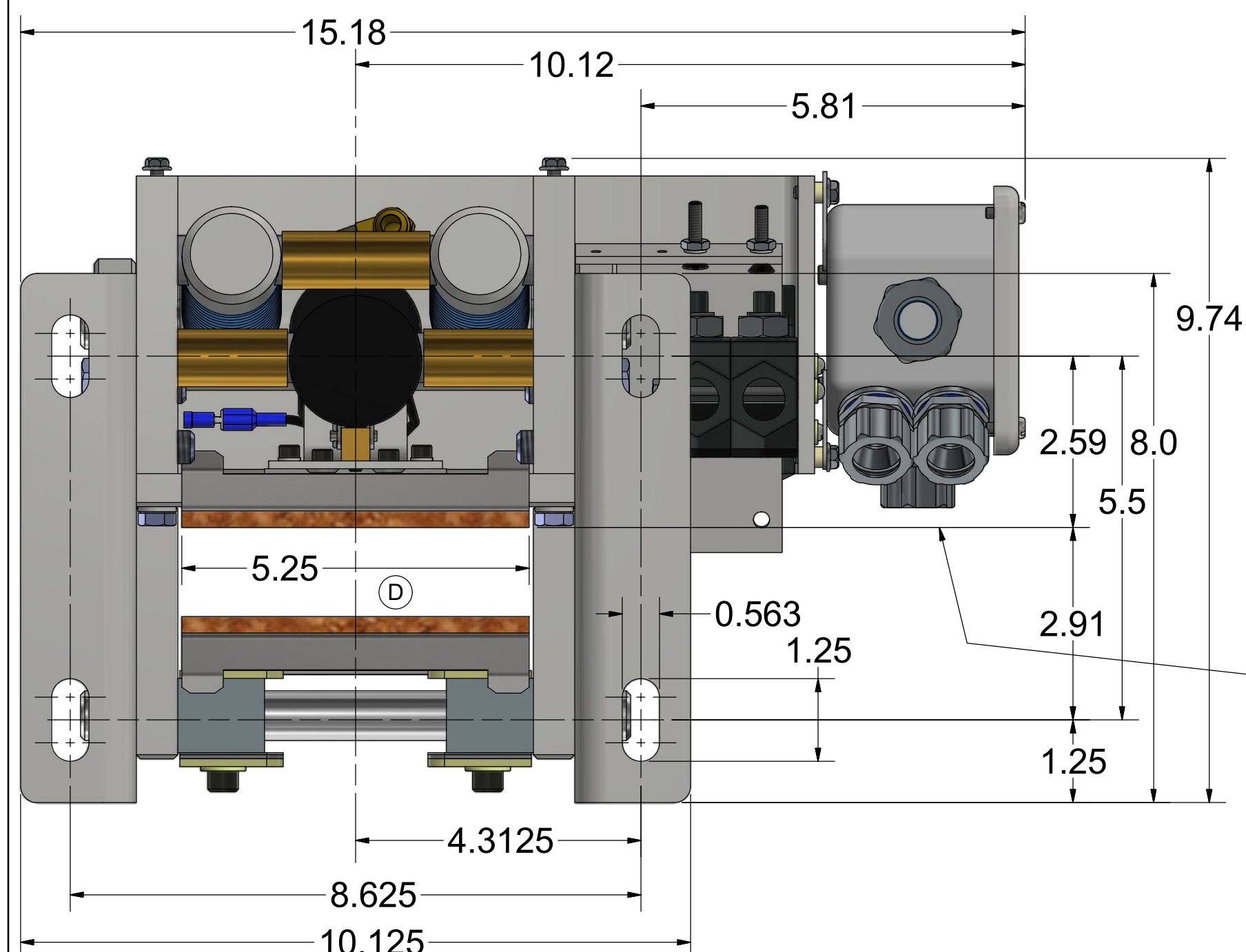
			D	620-022 WAS 601-022, 5.25 WAS 4.875, 5/16"	LTL 7/29/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
E	CORRECT TERMINAL QTY FROM 1 EA., TITLE TO NEMA 4, P/N NEMA WAS NEMA 7/9 PUR #1200	LTL 9/20/19		WASHERS WAS LOCK, DOCUMENTATION OF NEMA PARTS & PART NUMBERS, PUR #1087		TITLE E BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 2	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE C		DATE 9/8/2003	E 620-NEMA SHEET 1 OF 2



GRIPPER COVER REMOVED THIS VIEW

BOX LID REMOVED THIS VIEW

REAR VIEW



BOTTOM VIEW

PARTS CALL-OUT SPECIFIC TO NEMA GRIPPER. FOR "GENERIC" PARTS CALLOUT SEE 620 ASSEMBLY PARTS LIST.

ALL WIRING REMOVED FOR CLARITY

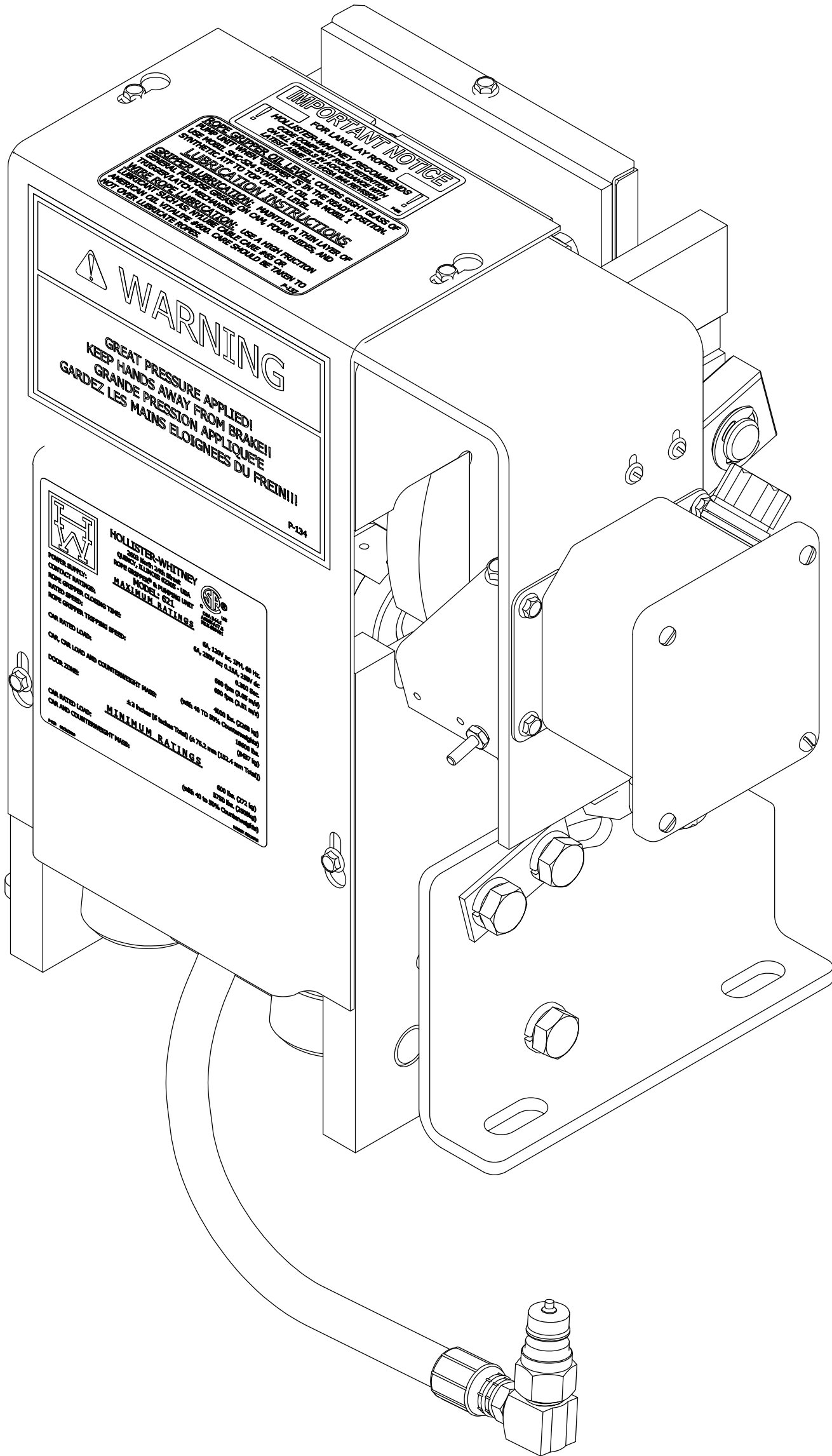
REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

ROPE GRIPPER WEIGHT: 72.8 lbmass

						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
SEE PREVIOUS PAGE FOR REVISIONS						TITLE BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						DRAWN BY LTL	SCALE 1 / 2	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE C		DATE 9/8/2003	620-NEMA SHEET 2 OF 2

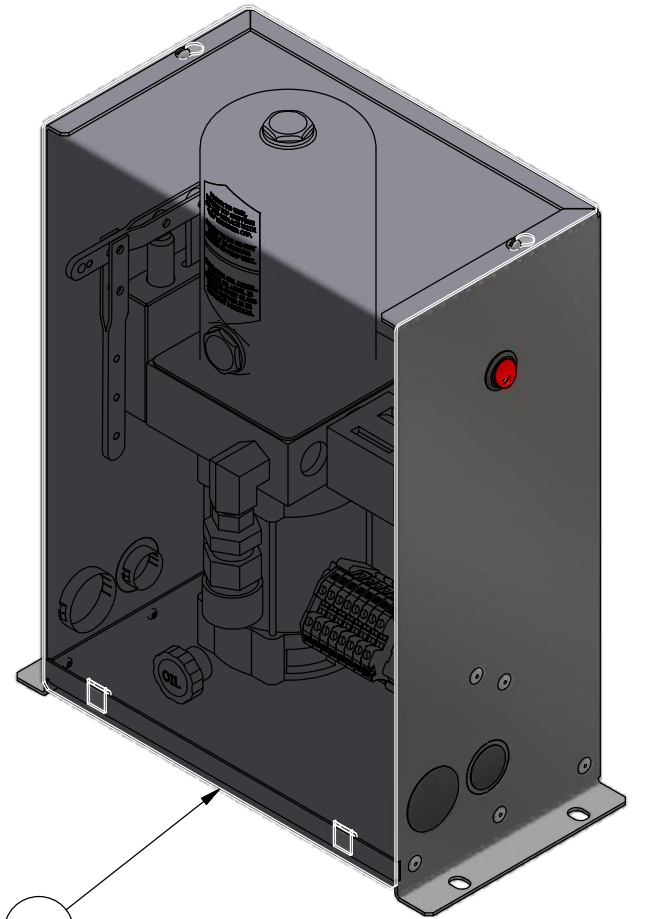
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	622-003	STATIONARY SHOE ASSEMBLY
2	2	620-007	SHAFT SUPPORT BLOCK
3	4	620-008	SPACER (11 GA.) - LINING WEAR
4	2	620-008-1	SPACER (16 GA.) - LINING WEAR
5	2	620-008-2	SPACER (22 GA.) - LINING WEAR
6	1	622-015	TUBING ASSEMBLY
7	2	622-018	SHAFT - ROTATING & NON-ROTATING
8	1	600-020	CONNECTING ARM ASSEMBLY
9	1	600-020-N	ARM ASSEMBLY - NEMA CONNECTING
10	2	622-022	LINING ASSEMBLY
11	2	600-025	LOWER SPRING GUIDE ASSEMBLY
12	2	600-027	UPPER SPRING SUPPORT
13	2	600-029	GUIDE - UPPER SPRING SUPPORT
14	2	621-030	SPRING
15	2	622-031	SHAFT
16	2	601-032	TUBING - SPACER
17	1	622-033	TUBING - SPACER
18	1	600-035	CYLINDER ASSEMBLY
19	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
20	1	620-037	HOSE - VARIOUS LENGTHS
21	1	620-038	QUICK CONNECT FITTING
22	1	622-040	COVER - 622 ROPE GRIPPER
23	1	600-041 L	ANGLE, LEFT HAND - MOUNTING
24	1	600-041 R	ANGLE, RIGHT HAND - MOUNTING
25	1	622-072	MOVABLE SHOE ASSEMBLY
26	1	601-078	LATCH
27	1	620-081-N- "L"	LIQUIDTITE FLEX CONDUIT (LFC), "L" = HOSE "L"
28	1	610-087	PARKER #149F-6-4 MALE ELBOW
29	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
30	2	600-095	WASHER - DOUBLE BOLT
31	1	620-100	PUMPING UNIT
32	1	622-104	SWITCH BRACKET #1, 622 NEMA-4
33	1	620-105	NEMA 4 SWITCH BRACKET #2
34	1	620-106-RH	NEMA COMPLIANT JUNCTION BOX (A-443DSC) Right Hand
		620-106-LH	NEMA COMPLIANT JUNCTION BOX (A-443DSC) Left Hand
35	1	620-107	SPACER - SOLENOID MOUNTING BRACKET
36	4	620-108	NYLON UNTHREADED SPACER
37	1	620-109	TERMINAL BLOCK ASSEMBLY
38	1	620-110	#2521 - STR. CORD CONNECTOR
39	3	620-111	#2522 - STR. CORD CONNECTOR
40	1	620-112	#5332 - STR. METAL CONDUIT CONNECTOR
41	1	622-207	HOSE GROMMET
42	1	620-606-N- "CL"	PUMP UNIT CABLE (RED), LENGTH "CL" = LFC "L" + 4 FT
43	1	620-607 N7-9	SOLENOID LOCKING UNIT - ELECTRICOATED
44	2	620-609-3	16-14 MALE DISCONNECT TERMINAL
45	4	620-609-4	16-14 SHIELDED FEMALE DISCONNECT TERMINAL
46	5	620-630	#5262 - SEALING RING
47	4	620-631	#LN 101SC - LOCKNUT
48	1	620-632	#650-DC2 - 3/8" BOX CONNECTOR
49	1	620-633	N7-9 R. G. COIL STRANDED HOOK-UP WIRE - 620, 621 & 622
50	1	620-634	N7-9 SHRINK TUBING - ALL GRIPPERS
51	4	90-033	E-CLIP, #X5133-74
52	1	GBPC3512A	RECTIFIER
53	3	BZE6-RN-F3	NEMA COMPLIANT MICROSWITCH
54	6	1/2 - 13 UNC x 1.25"	HEX HEAD BOLT
55	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
56	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
57	4	5/16" WASHER	STANDARD WASHER
58	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
59	2	1/4-20 UNC x 0.5	WHIZ BOLT
60	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
61	1	10 - 32 UNF x 0.25	GROUNDING SCREW
62	1	10-32 UNF x 0.25	SET SCREW
63	2	10-24 UNC x 1	FLAT SOCKET HEAD MACHINE SCREW
64	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
65	12	#10-24 UNC x 0.5	WHIZ BOLT
66	2	#10-24 NUT	HEX NUT
67	8	#10 LOCK WASHER	STANDARD LOCK WASHER
68	1	#8 - 32 UNC x 5/8"	ROUND HEAD MACHINE SCREW
69	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW
70	2	#6 - 32 UNC x 2-1/2"	ROUND HEAD MACHINE SCREW
71	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
72	1	P-134	ROPE GRIPPER WARNING LABEL - LARGE
73	1	P-137	GRIPPER LUBE INST. STICKER
74	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
75	1	P-144-2	AIR BLEED LABEL
76	1	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
77	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
78	1	P-219	621 ROPE GRIPPER LABEL

B B

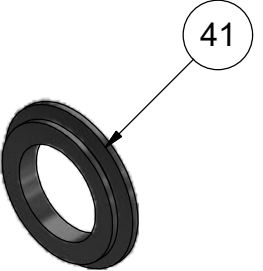


NOTE:

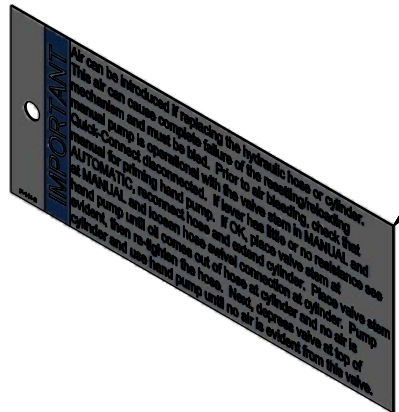
1. RIGHT HAND (RH) GRIPPER SHOWN, LEFT HAND SIMILAR
2. LEFT HAND BOX 620-106-LH USED FOR LEFT HAND GRIPPER. (SEE ITEM 34)
3. QTY LISTED FOR ITEMS 4, 5 & 6 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
4. NEMA SPECIFIC PARTS LISTING SEE PAGE 2 OF 2



PUMPING UNIT
SCALE 1 / 4

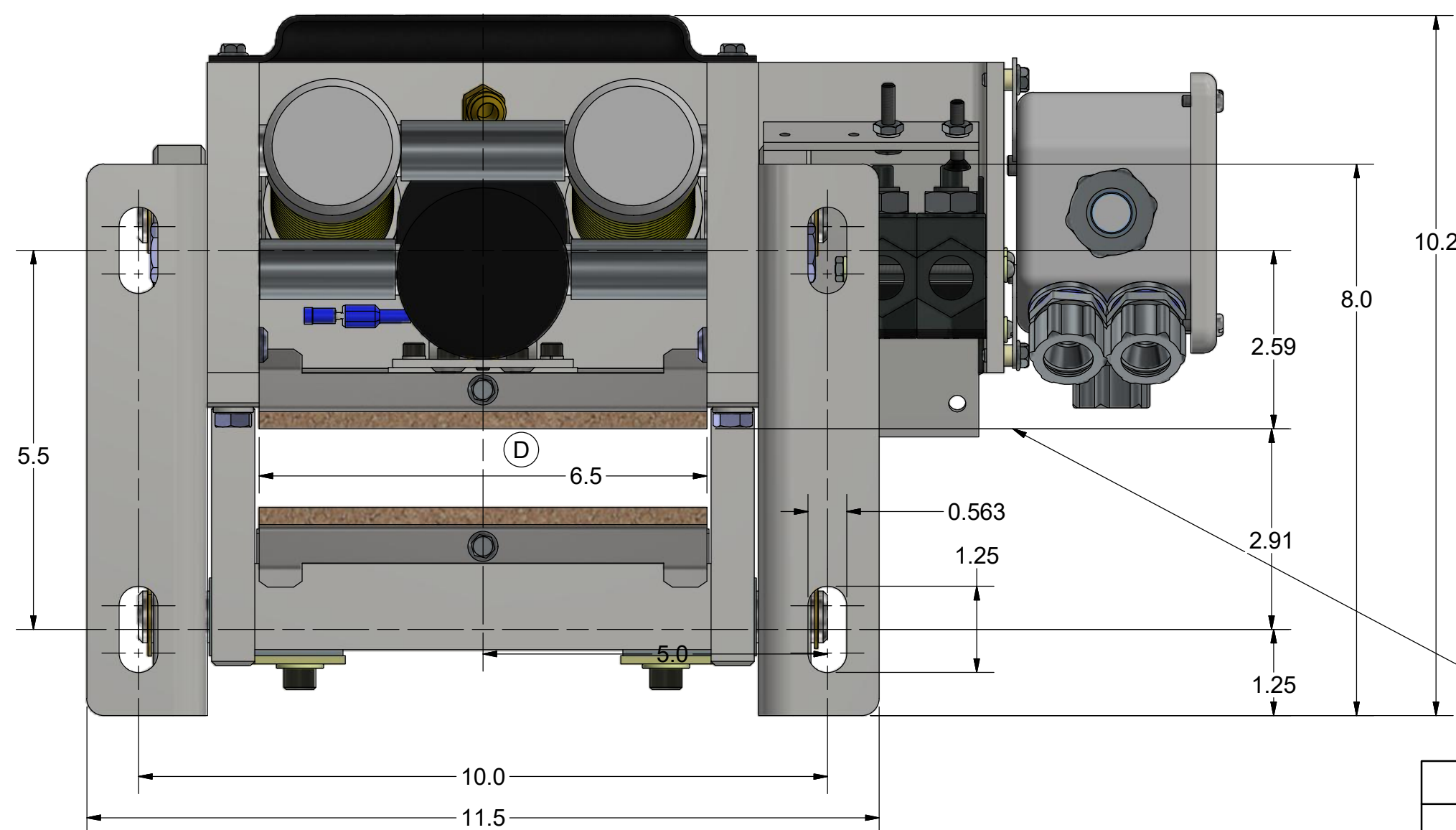
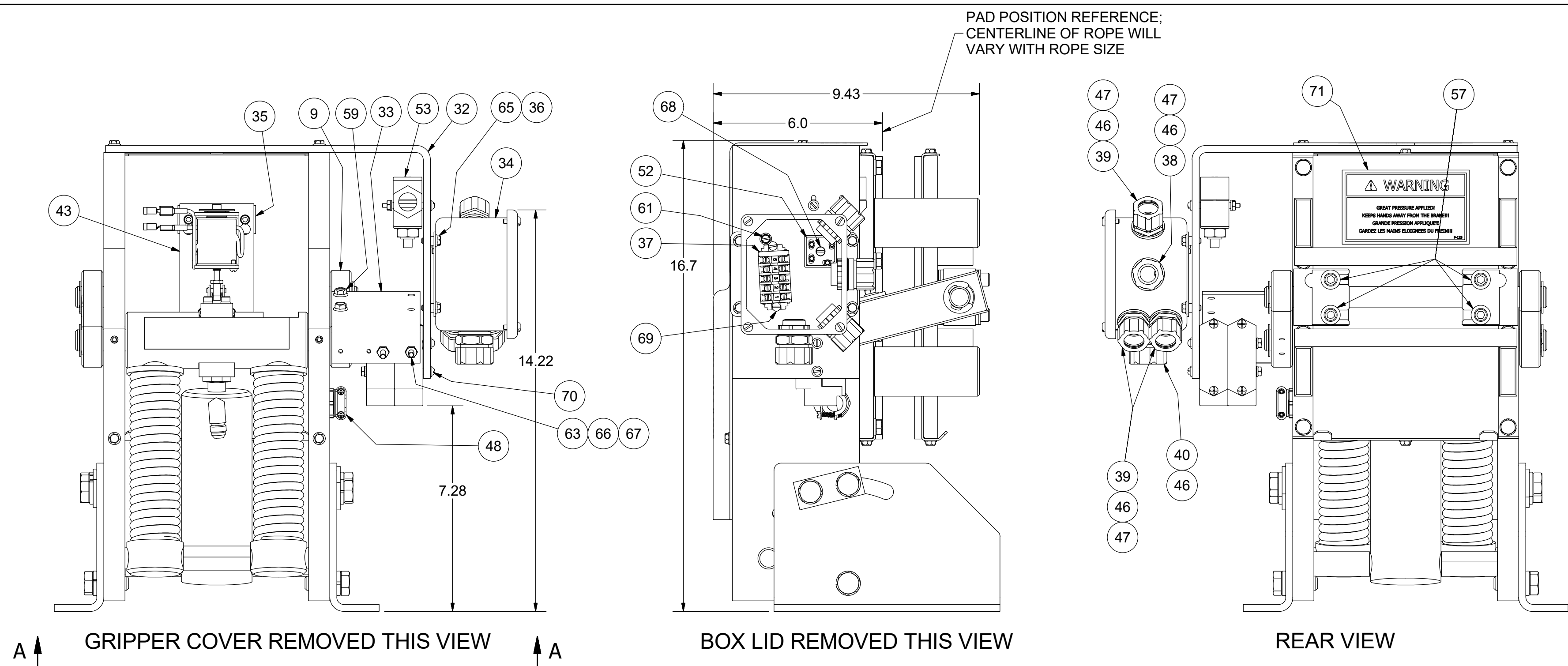


75



PUMPING UNIT WEIGHT: 29.2 LBS
ROPE GRIPPER WEIGHT: 103.6 lbmass

			B	CORRECT TERMINAL QTY FROM 1 EA., TITLE TO NEMA 4, P/N NEMA WAS NEMA 7/9 PUR #1200	LTL 9/20/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
			A	PRODUCTION RELEASE, PUR #1087	LTL 7/31/19	TITLE (B) BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.				THIRD ANGLE PROJECTION		DRAWN BY LTL	SCALE 1 / 2	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
						SHEET SIZE C		DATE 7/31/2019	



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE

PARTS CALL-OUT SPECIFIC TO NEMA
GRIPPER. FOR "GENERIC" PARTS
CALLOUT SEE 621 ASSEMBLY PARTS
LIST.

ALL WIRING REMOVED FOR CLARITY

REFERENCE DIMENSIONS SHOWN TO
AID IN SETUP AND INSTALL

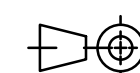
ROPE GRIPPER WEIGHT: 103.6 lbmass

HOLLISTER-WHITNEY
ELEVATOR CO. LLC

BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4

THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT
HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO
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INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY
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THIRD ANGLE PROJECTION



DRAWN BY
LTL
SHEET SIZE
C

SCALE
1 / 3

MATERIAL
SEE PARTS LIST

REFERENCE TOL.
ALL DIMENSIONS REFERENCE
UNLESS OTHERWISE
SPECIFIED
621-NEMA
SHEET 2 OF 2

DATE
7/31/2019

SEE PREVIOUS PAGE
FOR REVISIONS

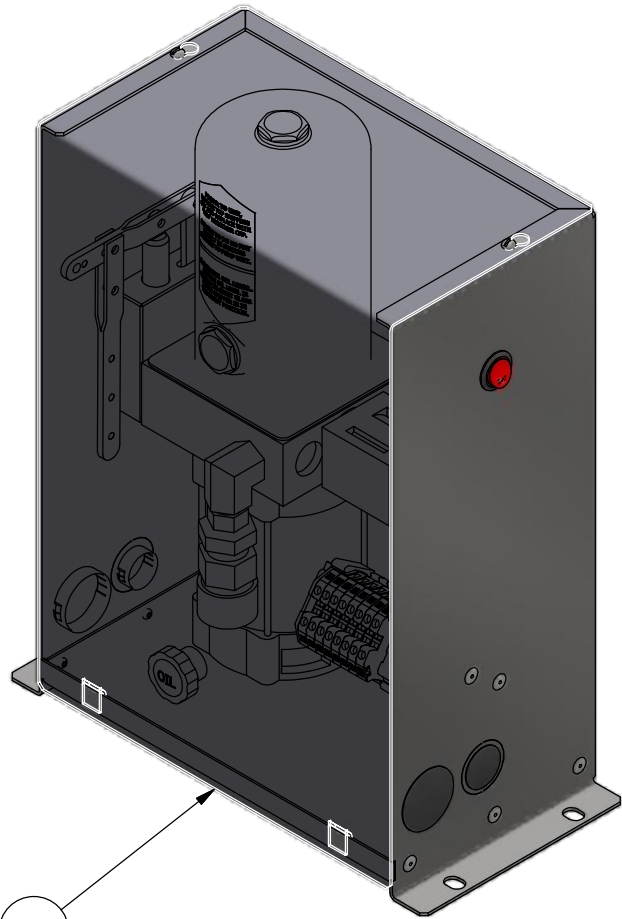
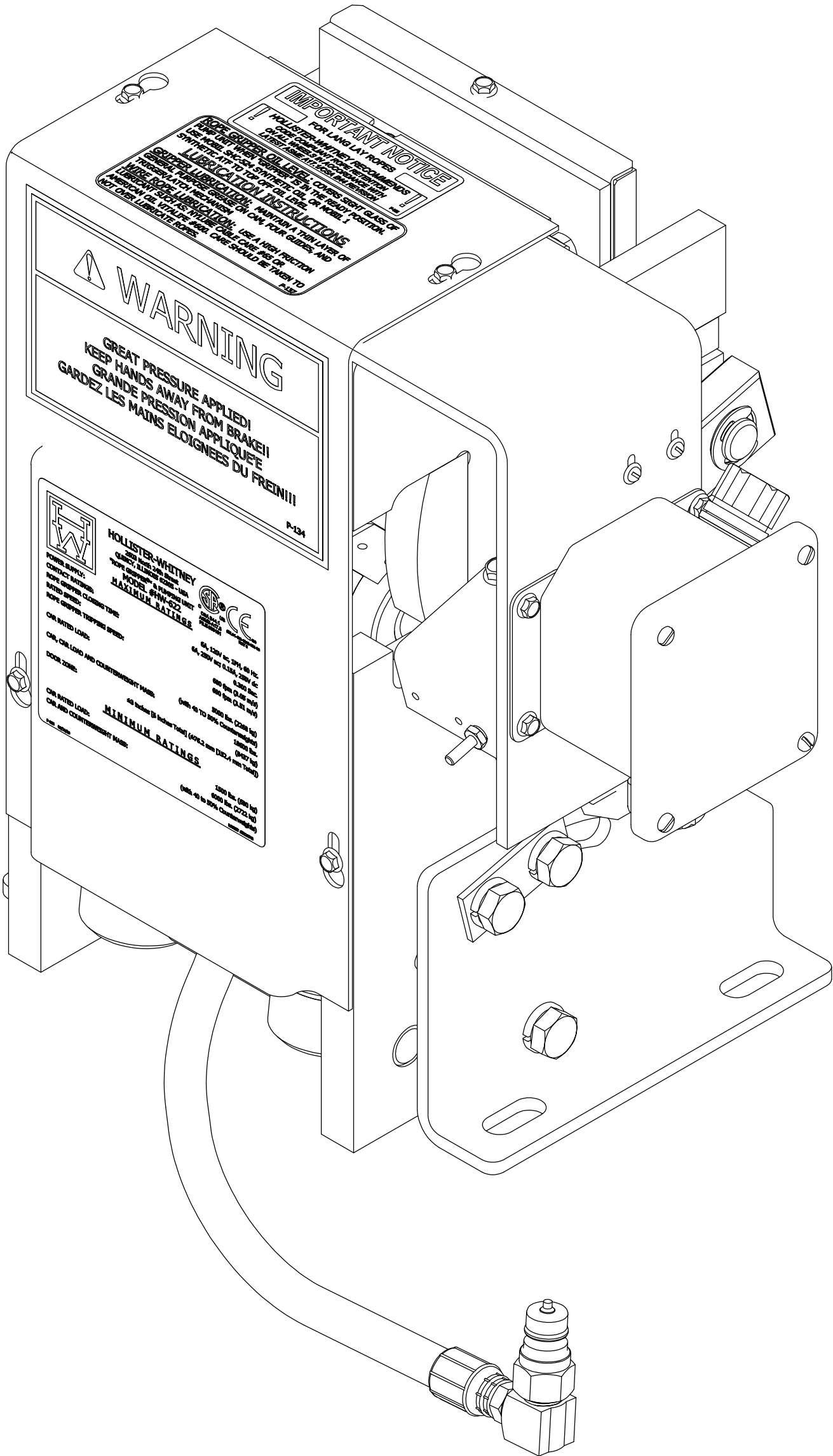
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	622-003	STATIONARY SHOE ASSEMBLY
2	2	620-007	SHAFT SUPPORT BLOCK
3	4	620-008	SPACER (11 GA.) - LINING WEAR
4	2	620-008-1	SPACER (16 GA.) - LINING WEAR
5	2	620-008-2	SPACER (22 GA.) - LINING WEAR
6	1	622-015	TUBING ASSEMBLY
7	2	622-018	SHAFT - ROTATING & NON-ROTATING
8	1	600-020	CONNECTING ARM ASSEMBLY
9	1	600-020-N	ARM ASSEMBLY - NEMA CONNECTING
10	2	622-022	LINING ASSEMBLY
11	2	600-025	LOWER SPRING GUIDE ASSEMBLY
12	2	600-027	UPPER SPRING SUPPORT
13	2	600-029	GUIDE - UPPER SPRING SUPPORT
14	2	600-030	SPRING
15	2	622-031	SHAFT
16	2	601-032	TUBING - SPACER
17	1	622-033	TUBING - SPACER
18	1	600-035	CYLINDER ASSEMBLY
19	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
20	1	620-037	HOSE - VARIOUS LENGTHS
21	1	620-038	QUICK CONNECT FITTING
22	1	622-040	COVER - 622 ROPE GRIPPER
23	1	600-041 L	ANGLE, LEFT HAND - MOUNTING
24	1	600-041 R	ANGLE, RIGHT HAND - MOUNTING
25	1	622-072	MOVABLE SHOE ASSEMBLY
26	1	601-078	LATCH
27	1	620-081-N- "L"	LIQUIDTITE FLEX CONDUIT (LFC), "L" = HOSE "L"
28	1	610-087	PARKER #149F-6-4 MALE ELBOW
29	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
30	2	600-095	WASHER - DOUBLE BOLT
31	1	620-100	PUMPING UNIT
32	1	622-104	SWITCH BRACKET #1, 622 NEMA-4
33	1	620-105	NEMA 4 SWITCH BRACKET #2
34	1	620-106-RH	NEMA COMPLIANT JUNCTION BOX (A-443DSC) Right Hand
		620-106-LH	NEMA COMPLIANT JUNCTION BOX (A-443DSC) Left Hand
35	1	620-107	SPACER - SOLENOID MOUNTING BRACKET
36	4	620-108	NYLON UNTHREADED SPACER
37	1	620-109	TERMINAL BLOCK ASSEMBLY
38	1	620-110	#2521 - STR. CORD CONNECTOR
39	3	620-111	#2522 - STR. CORD CONNECTOR
40	1	620-112	#5332 - STR. METAL CONDUIT CONNECTOR
41	1	622-207	HOSE GROMMET
42	1	620-606-N- "CL"	PUMP UNIT CABLE (RED), LENGTH "CL" = LFC "L" + 4 FT
43	1	620-607 N7-9	SOLENOID LOCKING UNIT - ELECTRICOATED
44	2	620-609-3	16-14 MALE DISCONNECT TERMINAL
45	4	620-609-4	16-14 SHIELDED FEMALE DISCONNECT TERMINAL
46	5	620-630	#5262 - SEALING RING
47	4	620-631	#LN 101SC - LOCKNUT
48	1	620-632	#650-DC2 - 3/8" BOX CONNECTOR
49	1	620-633	N7-9 R. G. COIL STRANDED HOOK-UP WIRE - 620, 621 & 622
50	1	620-634	N7-9 SHRINK TUBING - ALL GRIPPERS
51	4	90-033	E-CLIP, #X5133-74
52	1	GBPC3512A	RECTIFIER
53	3	BZE6-RN-F3	NEMA COMPLIANT MICROSWITCH
54	6	1/2 - 13 UNC x 1.25"	HEX HEAD BOLT
55	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
56	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
57	4	5/16" WASHER	STANDARD WASHER
58	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
59	2	1/4-20 UNC x 0.5	WHIZ BOLT
60	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
61	1	10 - 32 UNF x 0.25	GROUNDING SCREW
62	1	10-32 UNF x 0.25	SET SCREW
63	2	10-24 UNC x 1	FLAT SOCKET HEAD MACHINE SCREW
64	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
65	12	#10-24 UNC x 0.5	WHIZ BOLT
66	2	#10-24 NUT	HEX NUT
67	8	#10 LOCK WASHER	STANDARD LOCK WASHER
68	1	#8 - 32 UNC x 5/8"	ROUND HEAD MACHINE SCREW
69	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW
70	2	#6 - 32 UNC x 2-1/2"	ROUND HEAD MACHINE SCREW
71	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
72	1	P-134	ROPE GRIPPER WARNING LABEL - LARGE
73	1	P-135	622 ROPE GRIPPER LABEL
74	1	P-137	GRIPPER LUBE INST. STICKER
75	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
76	1	P-144-2	AIR BLEED LABEL
77	1	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
78	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

D

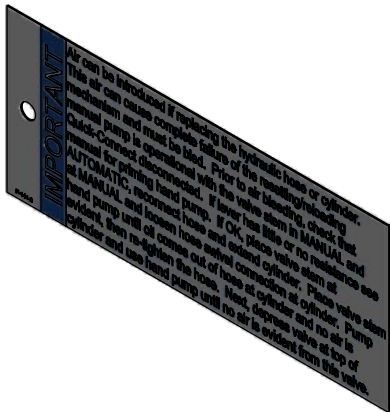
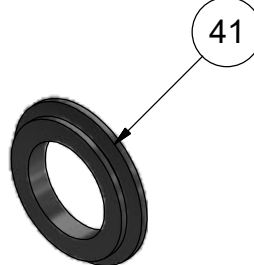
E

E

D



PUMPING UNIT
SCALE 1 / 4

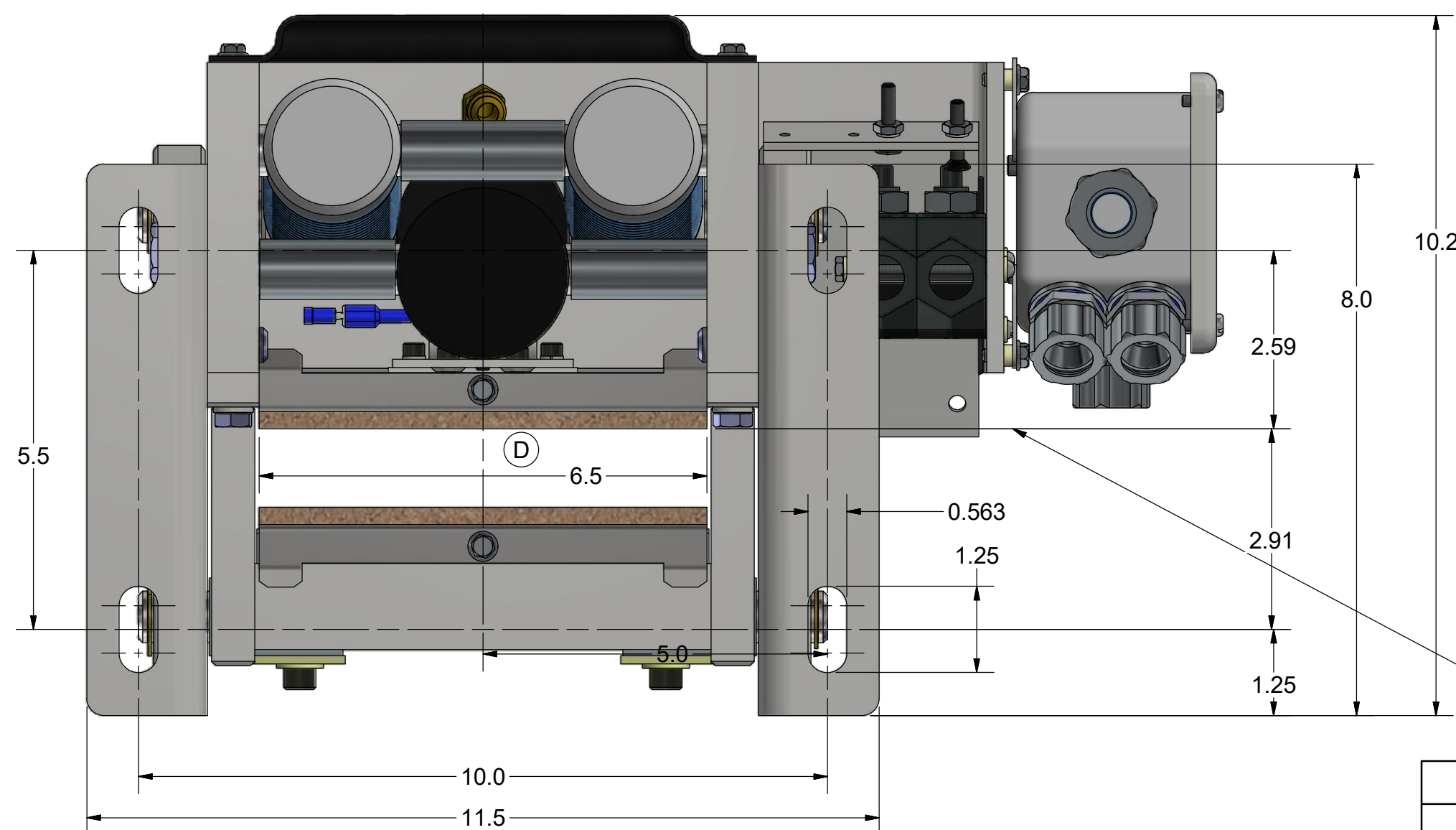
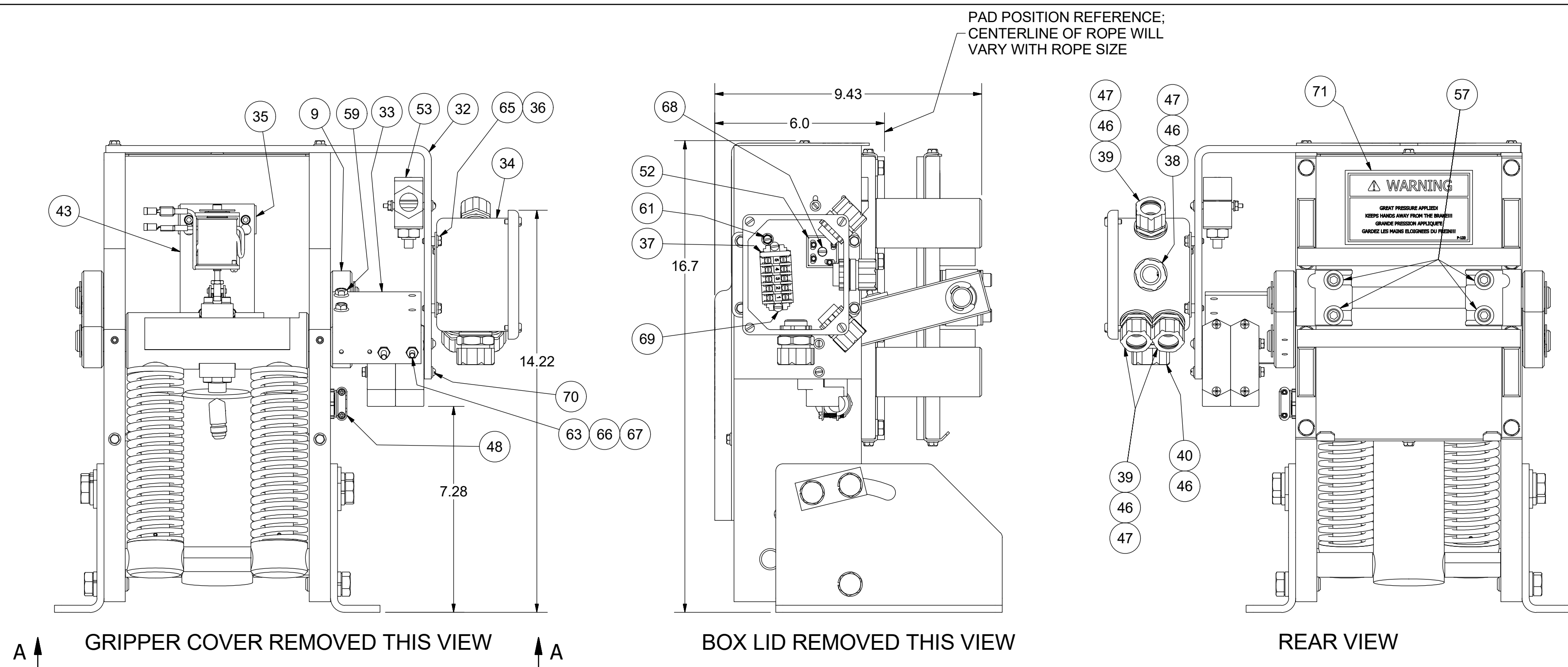


NOTE:

- RIGHT HAND (RH) GRIPPER SHOWN, LEFT HAND SIMILAR
- LEFT HAND BOX 620-106-LH USED FOR LEFT HAND GRIPPER. (SEE ITEM 34)
- QTY LISTED FOR ITEMS 4, 5 & 6 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
- NEMA SPECIFIC PARTS LISTING SEE PAGE 2 OF 2

PUMPING UNIT WEIGHT: 29.2 LBS
ROPE GRIPPER WEIGHT: 100.6 lbmass

			D	622-022 WAS 600-022, 6.5 WAS 6", 5/16" WASHERS	LTL 7/29/19	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
E	CORRECT TERMINAL QTY FROM 1 EA., TITLE TO	LTL 9/20/19		WAS LOCK, UPDATE NEMA PARTS & PART		TITLE (E) BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
	NEMA 4, P/N NEMA WAS NEMA 7/9 PUR #1200			NUMBERS, PUR #1087					
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						LTL	1 / 2	SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
		SHEET SIZE	DATE			(E)	622-NEMA		
				C	5/20/2004	SHEET 1 OF 2			



PARTS CALL-OUT SPECIFIC TO NEMA
GRIPPER. FOR "GENERIC" PARTS
CALLOUT SEE 622 ASSEMBLY PARTS
LIST.

ALL WIRING REMOVED FOR CLARITY

REFERENCE DIMENSIONS SHOWN TO
AID IN SETUP AND INSTALL

ROPE GRIPPER WEIGHT: 100.6 lbmass

HOLLISTER-WHITNEY
ELEVATOR CO. LLC

BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4

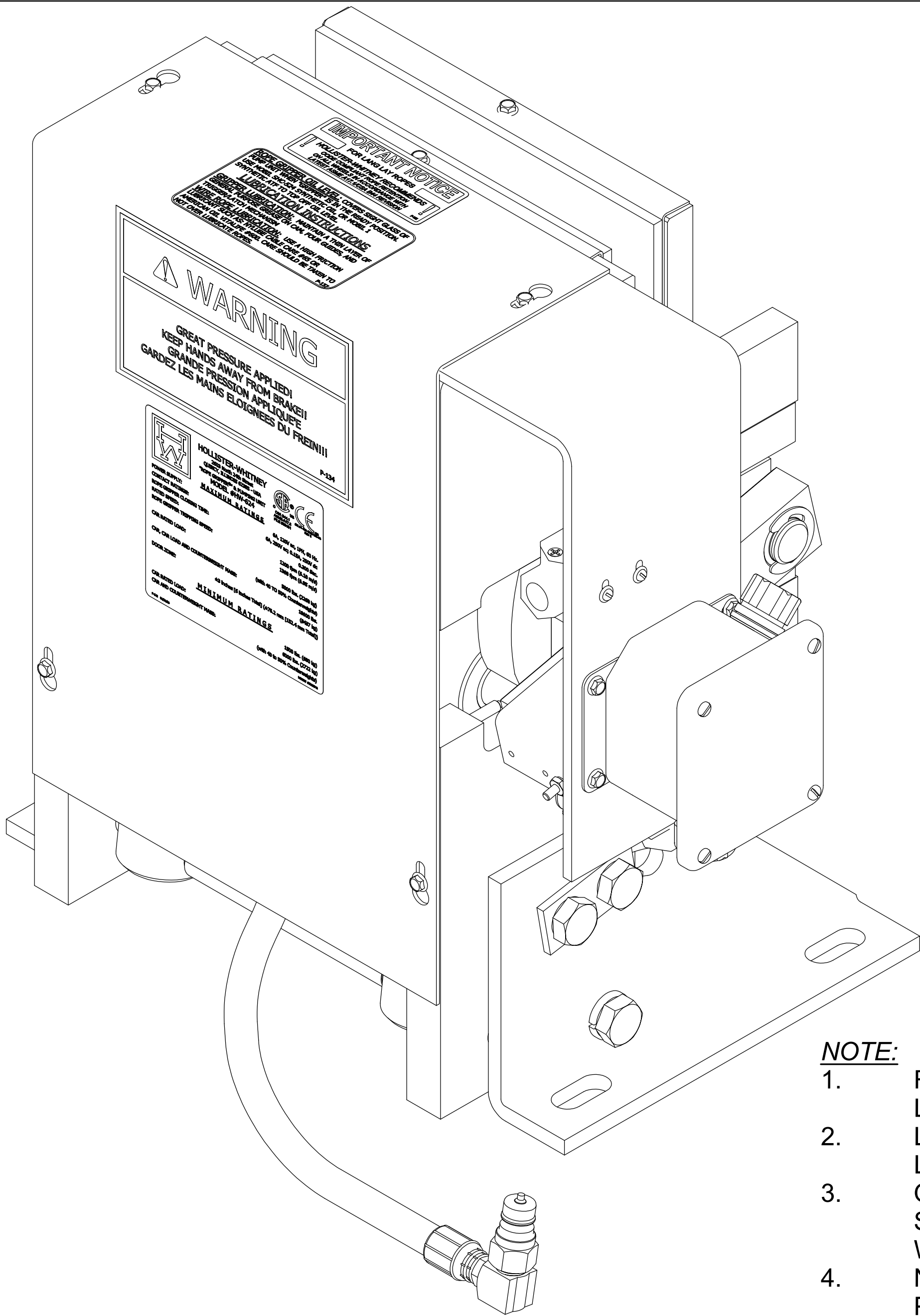
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						SHEET SIZE C	DATE 5/20/2004	622-NEMA SHEET 2 OF 2	

SEE PREVIOUS PAGE
FOR REVISIONS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	624-003	STATIONARY SHOE ASSEMBLY
2	2	624-007	SHAFT SUPPORT BLOCK
3	4	624-008	SPACER (11 GA.) - LINING WEAR
4	2	624-008-1	SPACER (16 GA.) - LINING WEAR
5	2	624-008-2	SPACER (22 GA.) - LINING WEAR
6	1	624-015	TUBING ASSEMBLY
7	2	626-018	SHAFT - ROTATING & NON-ROTATING
8	1	610-020	CONNECTING ARM ASSEMBLY
9	1	610-020-N	ARM ASSEMBLY, NEMA CONNECTING
10	2	610-022	LINING ASSEMBLY
11	2	600-025	LOWER SPRING GUIDE ASSEMBLY
12	2	600-027	UPPER SPRING SUPPORT
13	2	600-029	GUIDE - UPPER SPRING SUPPORT
14	2	600-030	SPRING
15	2	626-031	SHAFT
16	2	624-032	TUBING - SPACER
17	1	624-033	TUBING - SPACER
18	1	600-035	CYLINDER ASSEMBLY
19	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
20	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
21	1	620-038	QUICK CONNECT FITTING
22	1	626-040	COVER - 624 & 626 ROPE GRIPPER
23	1	610-041 L	ANGLE, L.H. - MOUNTING
24	1	610-041 R	ANGLE, R.H. - MOUNTING
25	1	624-072	MOVABLE SHOE ASSEMBLY
26	1	601-078	LATCH
27	1	620-081-N- "L"	LIQUIDTITE FLEX CONDUIT (LFC), "L" = HOSE "L"
28	4	610-085	E-CLIP (TRUARC) X5133-98
29	1	610-087	PARKER #149F-6-4 MALE ELBOW
30	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
31	2	610-095	WASHER - DOUBLE BOLT
32	1	620-100	PUMPING UNIT
33	1	626-104	SWITCH BRACKET #1, 626 NEMA-4
34	1	620-105	NEMA 4 SWITCH BRACKET #2
35	1	620-106-RH	NEMA COMPLIANT JUNCTION BOX (A-443DSC), RIGHT HAND
		620-106-LH	NEMA COMPLIANT JUNCTION BOX (A-443DSC), LEFT HAND
36	1	620-107	SPACER - SOLENOID MOUNTING BRACKET
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39	1	620-110	#2521 - STR. CORD CONNECTOR
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45	2	620-609-3	16-14 MALE DISCONNECT TERMINAL
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47	5	620-630	#5262 - SEALING RING
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54	6	5/8" - 11 UNC x 1 1/2"	HEX CAP SCREW
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61	1	10 - 32 UNF x 0.25	GROUNDING SCREW
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63	2	10-24 UNC x 1	FLAT SOCKET HEAD MACHINE SCREW
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66	2	#10-24 NUT	HEX NUT
67	8	#10 LOCK WASHER	STANDARD LOCK WASHER
68	1	#8 - 32 UNC x 5/8"	ROUND HEAD MACHINE SCREW
69	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW
70	2	#6 - 32 UNC x 2-1/2"	ROUND HEAD MACHINE SCREW
71	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
72	1	P-137	GRIPPER LUBE INST. STICKER
73	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
74	1	P-142	624 ROPE GRIPPER LABEL
75	1	P-144-2	AIR BLEED LABEL
76	1	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
77	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

E
E

D

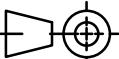


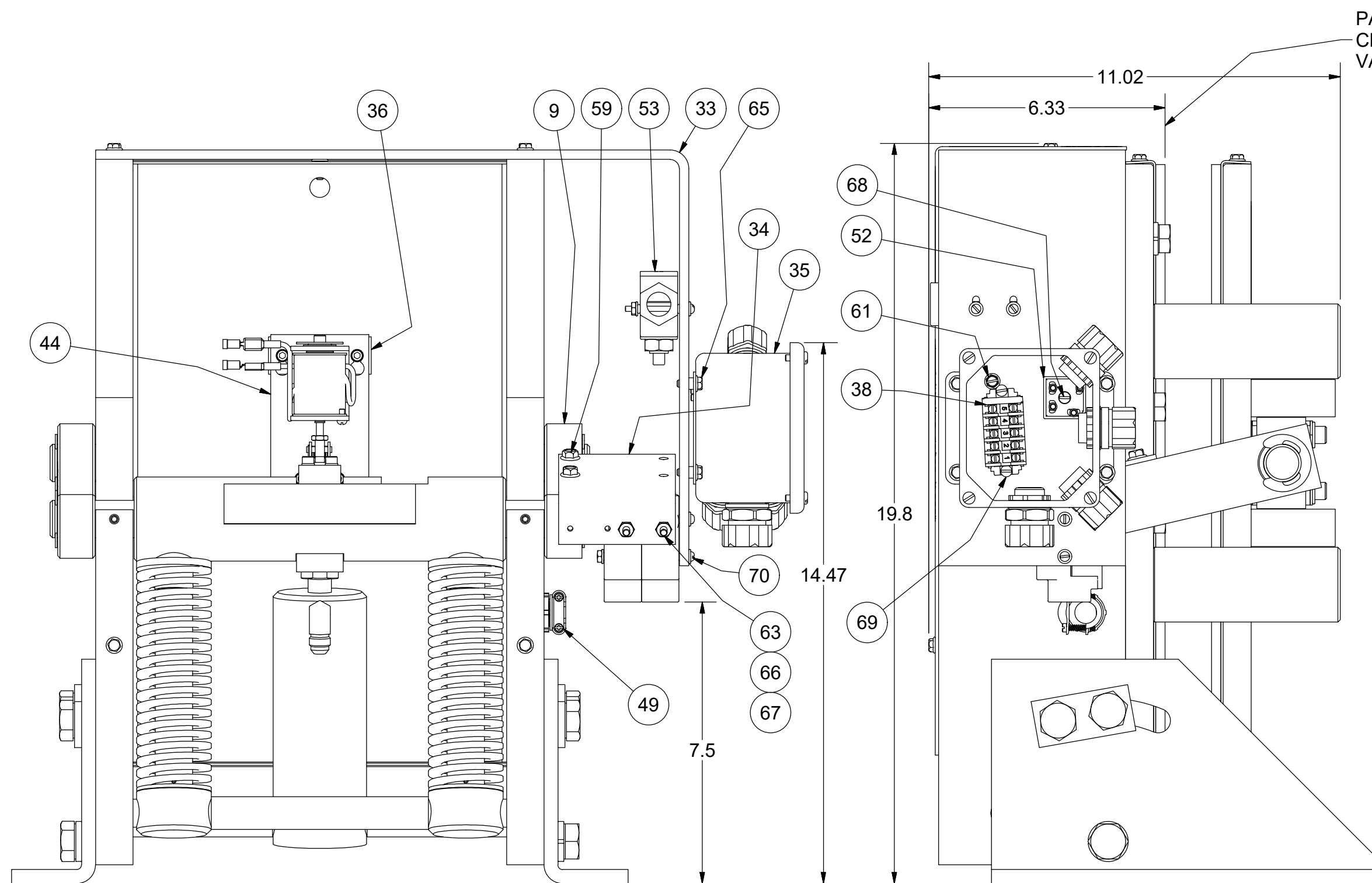
NOTE:

- RIGHT HAND (RH) GRIPPER SHOWN, LEFT HAND SIMILAR
- LEFT HAND BOX 620-106-LH USED FOR LEFT HAND GRIPPER. (SEE ITEM 35)
- QTY LISTED FOR ITEMS 4, 5 & 6 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
- NEMA SPECIFIC PARTS LISTING SEE PAGE 2 OF 2

PUMPING UNIT WEIGHT: 29.2 LBS
ROPE GRIPPER WEIGHT: 222.1 lbmass

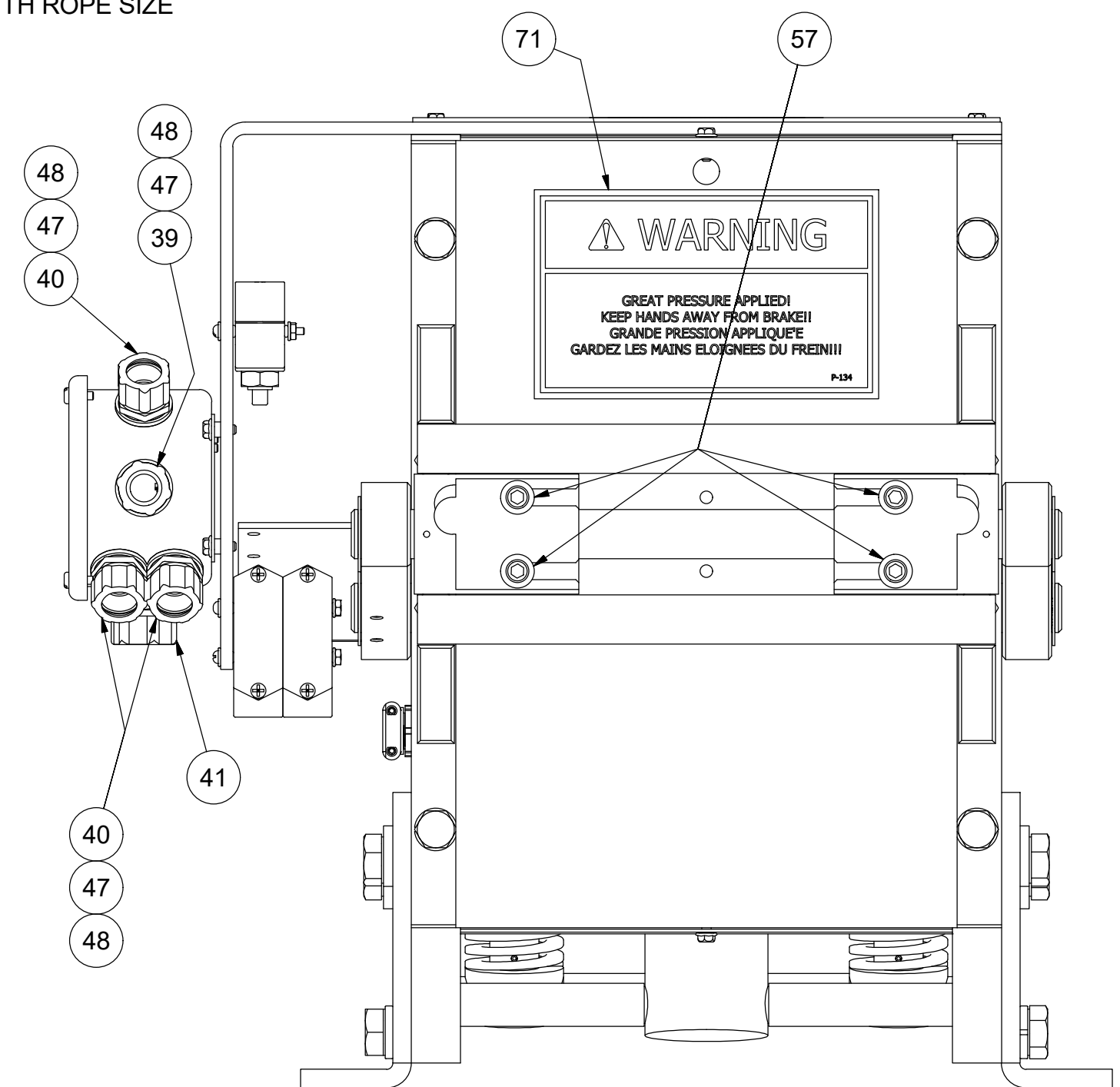
HOLLISTER-WHITNEY ELEVATOR CO. LLC			
TITLE E BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
DRAWN BY LTL	SCALE 1 / 2	MATERIAL SEE PARTS LIST	REFERENCE TOL. ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
SHEET SIZE C	DATE 10/12/2006	E 624-NEMA SHEET 1 OF 2	

			E	NEMA 4, P/N NEMA WAS NEMA 7/9 PUR #1200	LTL 9/20/19
			D	5/16" WASHERS WAS LOCK, DOCUMENTATION	LTL 7/29/19
E	CORRECT TERMINAL QTY FROM 1 EA., TITLE TO	LTL 9/20/19		OF NEMA PARTS & PART NUMBERS, PUR #1087	
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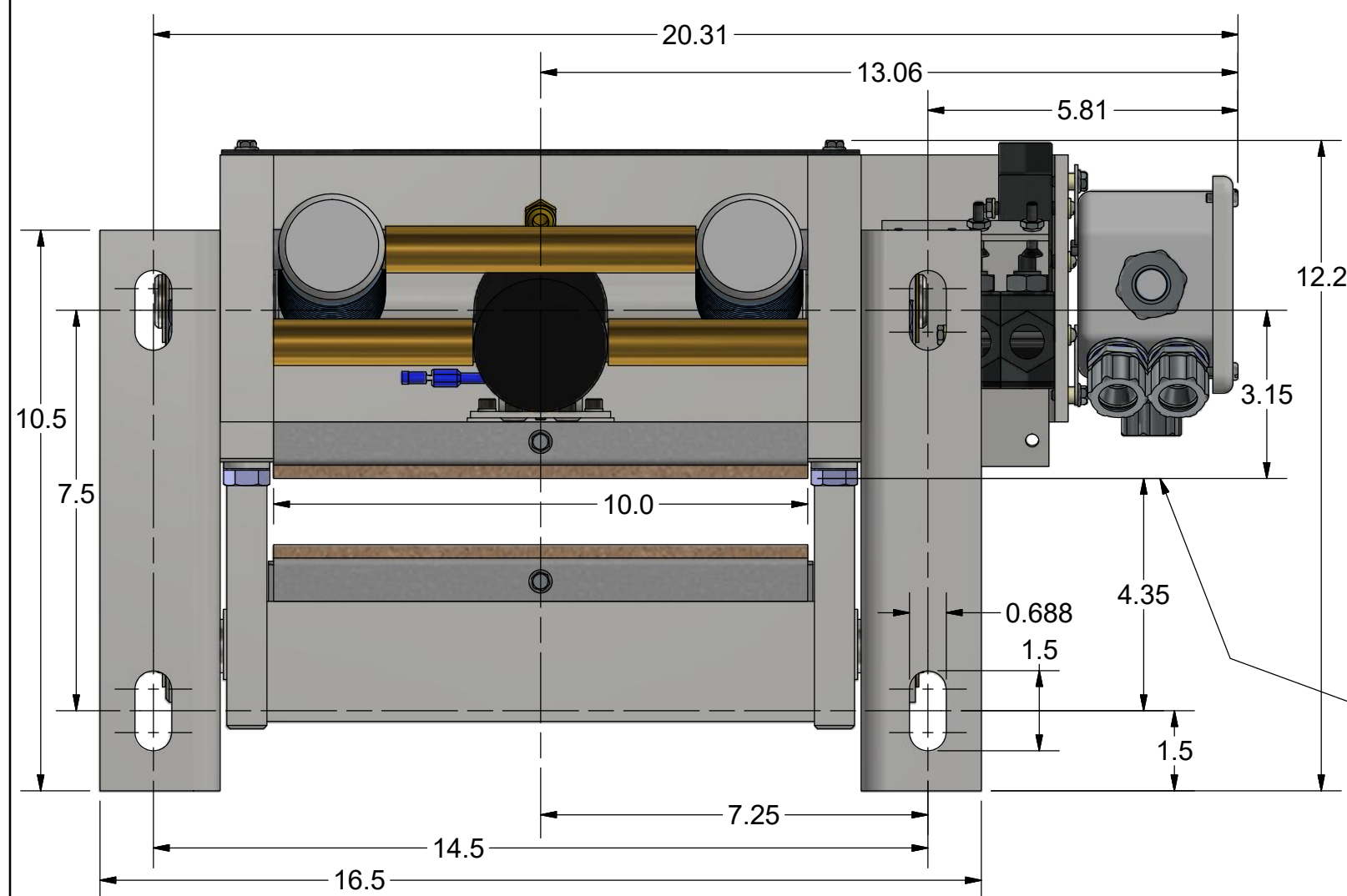


GRIPPER COVER REMOVED THIS VIEW

BOX LID REMOVED THIS VIEW



REAR VIEW



BOTTOM VIEW

PARTS CALL-OUT SPECIFIC TO NEMA GRIPPER. FOR "GENERIC" PARTS CALLOUT SEE 624 ASSEMBLY PARTS LIST.

ALL WIRING REMOVED FOR CLARITY

REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

ROPE GRIPPER WEIGHT: 222.1 lbmass

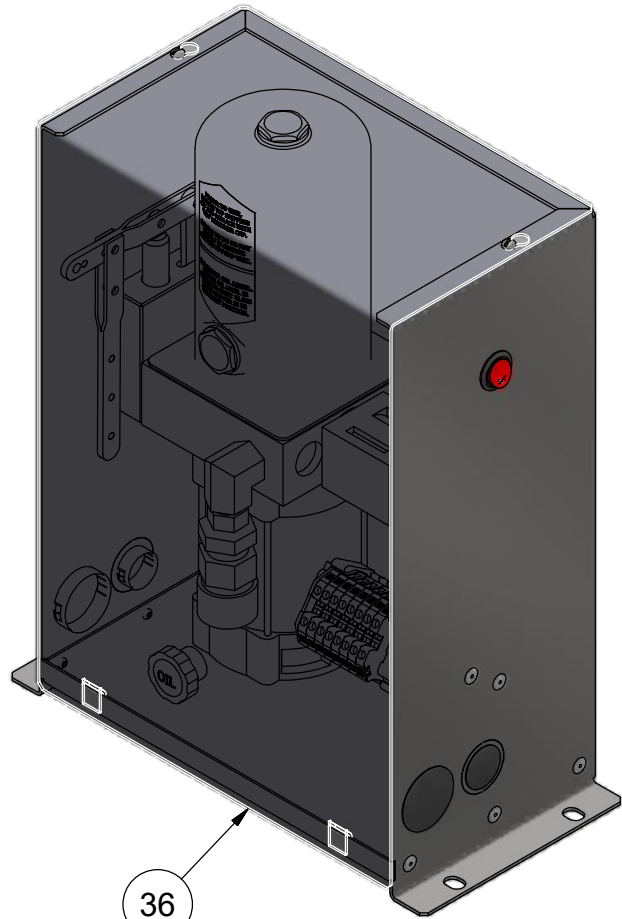
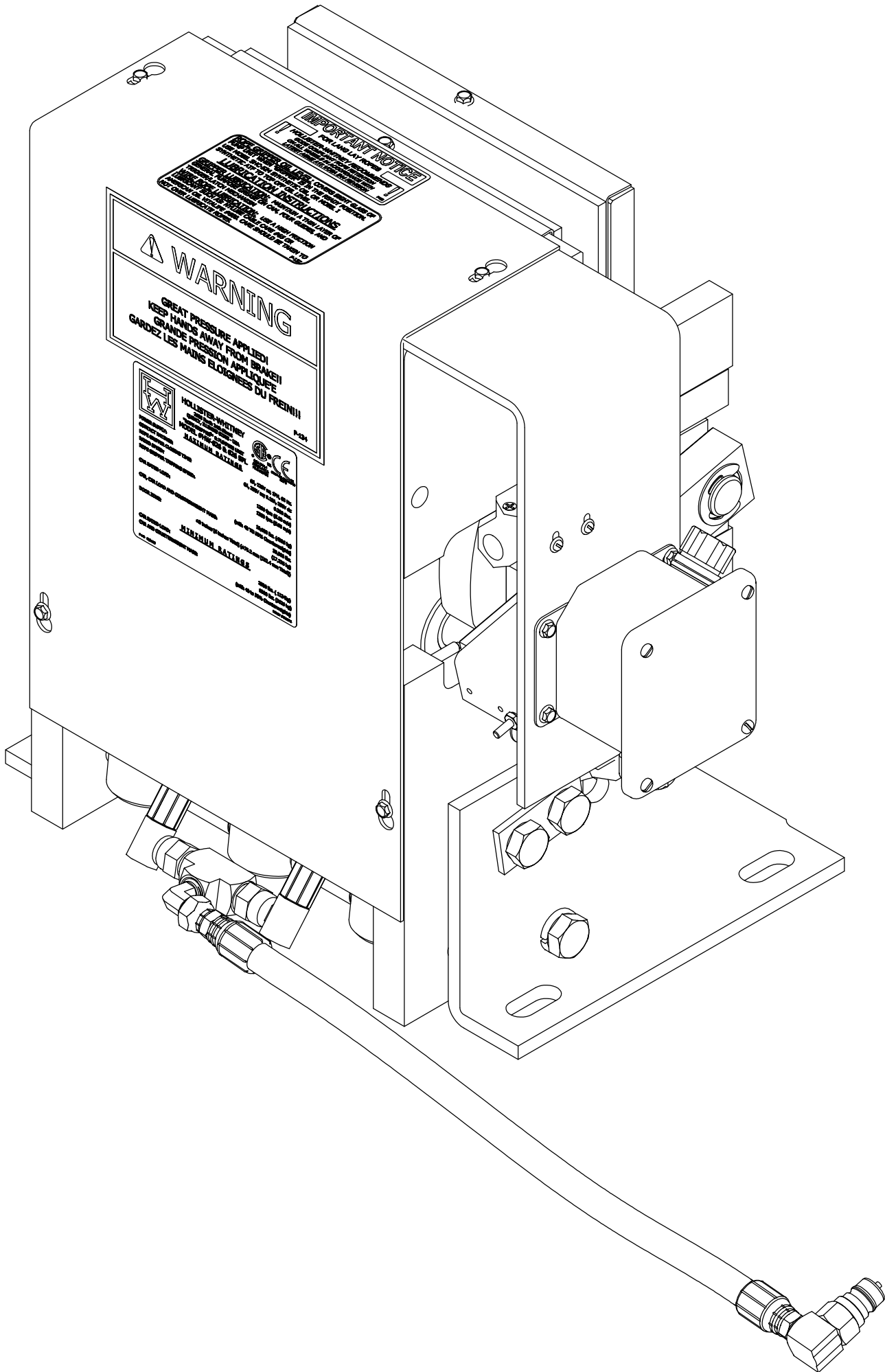
HOLLISTER-WHITNEY
ELEVATOR CO. LLC

BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4

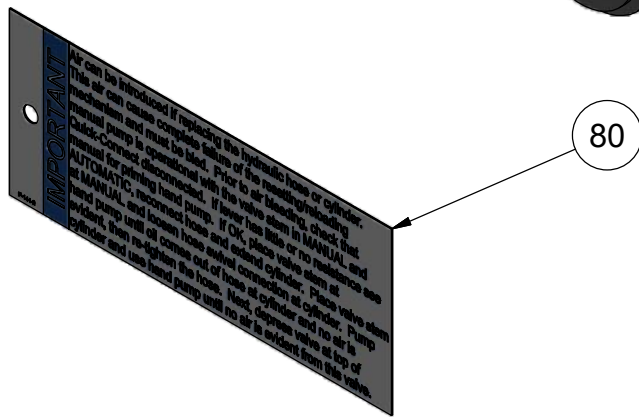
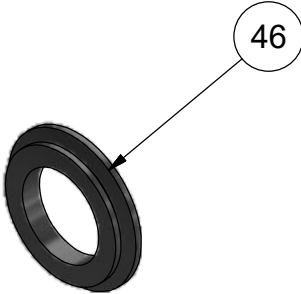
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						SHEET SIZE C	DATE 10/12/2006	624-NEMA SHEET 2 OF 2	

SEE PREVIOUS PAGE
FOR REVISIONS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	626-003	STATIONARY SHOE ASSEMBLY
2	2	624-007	SHAFT SUPPORT BLOCK
3	1	626-007	SHAFT SUPPORT BLOCK
4	6	624-008	SPACER (11 GA.) - LINING WEAR
5	3	624-008-1	SPACER (16 GA.) - LINING WEAR
6	3	624-008-2	SPACER (22 GA.) - LINING WEAR
7	1	626-015	TUBING ASSEMBLY
8	2	626-018	SHAFT - ROTATING & NON-ROTATING
9	1	610-020	CONNECTING ARM ASSEMBLY
10	1	610-020-N	ARM ASSEMBLY, NEMA CONNECTING
11	2	610-022	LINING ASSEMBLY
12	3	600-025	LOWER SPRING GUIDE ASSEMBLY
13	3	600-027	UPPER SPRING SUPPORT
14	3	600-029	GUIDE - UPPER SPRING SUPPORT
15	3	600-030	SPRING
16	2	626-031	SHAFT
17	3	626-032	TUBING - SPACER
18	2	626-033	TUBING - SPACER
19	2	610-035	610-035 CYLINDER ASSEMBLY
20	2	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
21	1	620-037	HYDRAULIC HOSE - STANDARD 27" LENGTH
		620-037- "L"	HYDRAULIC HOSE - "L" = LENGTH IN FEET (30' MAX)
		620-038	QUICK CONNECT FITTING
22	1	626-040	COVER - 624 & 626 ROPE GRIPPER
23	1	610-041 L	ANGLE, L.H. - MOUNTING
24	1	610-041 R	ANGLE, R.H. - MOUNTING
25	1	624-072	MOVABLE SHOE ASSEMBLY
26	1	601-078	LATCH
27	1	620-081-N- "L"	LIQUIDTITE FLEX CONDUIT (LFC), "L" = HOSE "L"
28	4	610-085	E-CLIP (TRUARC) X5133-98
29	1	610-086	3/8" TEE
30	2	610-087	PARKER #149F-6-4 MALE ELBOW
31	1	610-088	BRASS ELBOW, #149F-6-6, 45°FH 5/8"-18 x 3/8 NPTF18
32	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
33	2	626-092	HOSE ASSEMBLY
34	2	610-095	WASHER - DOUBLE BOLT
35	1	620-100	PUMPING UNIT
36	1	626-104	SWITCH BRACKET #1, 626 NEMA-4
37	1	620-105	NEMA 4 SWITCH BRACKET #2
38	1	620-106-RH	NEMA COMPLIANT JUNCTION BOX (A-443DSC), RIGHT HAND
		620-106-LH	NEMA COMPLIANT JUNCTION BOX (A-443DSC), LEFT HAND
39	1	620-107	SPACER - SOLENOID MOUNTING BRACKET
40	4	620-108	NYLON UNTHREADED SPACER
41	1	620-109	TERMINAL BLOCK ASSEMBLY
42	1	620-110	#2521 - STR. CORD CONNECTOR
43	3	620-111	#2522 - STR. CORD CONNECTOR
44	1	620-112	#5332 - STR. METAL CONDUIT CONNECTOR
45	1	622-207	HOSE GROMMET
46	1	620-606-N- "CL"	PUMP UNIT CABLE (RED), LENGTH "CL" = LFC "L" + 4 FT
47	1	620-607 N7-9	SOLENOID LOCKING UNIT - ELECTROCOATED
48	2	620-609-3	16-14 MALE DISCONNECT TERMINAL
49	4	620-609-4	16-14 SHIELDED FEMALE DISCONNECT TERMINAL
50	5	620-630	#5262 - SEALING RING
51	4	620-631	#LN 101SC - LOCKNUT
52	1	620-632	#650-DC2 - 3/8" BOX CONNECTOR
53	1	624-633	N7-9 R. G. COIL STRANDED HOOK-UP WIRE - 624, 626
54	1	620-634	N7-9 SHRINK TUBING - ALL GRIPPERS
55	1	GBPC3512A	RECTIFIER
56	3	BZE6-RN-F3	NEMA COMPLIANT MICROSWITCH
57	6	5/8" - 11 UNC x 1 1/2"	HEX CAP SCREW
58	2	5/8 WASHER	STANDARD LOCK
59	6	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW
60	6	5/16" WASHER	STANDARD WASHER
61	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
62	2	1/4-20 UNC x 0.5	WHIZ BOLT
63	2	#10-32 UNF x 0.875	SOCKET HEAD CAP SCREW
64	1	10 - 32 UNF x 0.25	GROUNDING SCREW
65	1	10-32 UNF x 0.25	SET SCREW
66	2	10-24 UNC x 1	FLAT SOCKET HEAD MACHINE SCREW
67	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
68	12	#10-24 UNC x 0.5	WHIZ BOLT
69	2	#10-24 NUT	HEX NUT
70	8	#10 LOCK WASHER	STANDARD LOCK WASHER
71	1	#8 - 32 UNC x 5/8"	ROUND HEAD MACHINE SCREW
72	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW
73	2	#6 - 32 UNC x 2-1/2"	ROUND HEAD MACHINE SCREW
74	1	6 - 32 NUT	MACHINE SCREW NUT
75	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
76	1	P-137	GRIPPER LUBE INST. STICKER
77	1	P-140	626 & 626SPL ROPE GRIPPER LABEL
78	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
79	1	P-144-2	AIR BLEED LABEL
80	1	P-186	ROPE GRIPPER WEAR-IN LINE STICKER
81	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
82	1		



PUMPING UNIT
SCALE 1 / 4

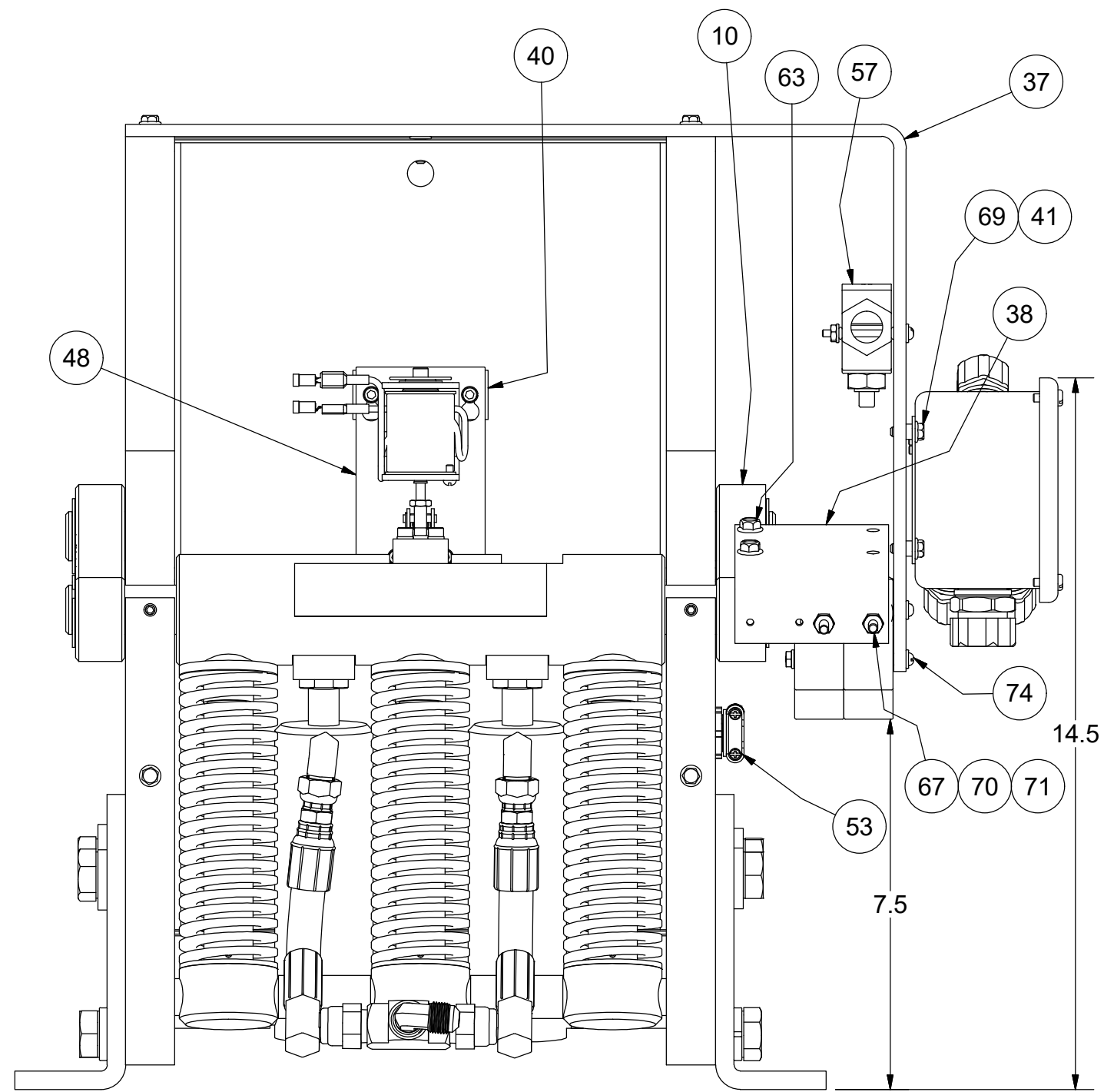


NOTE:

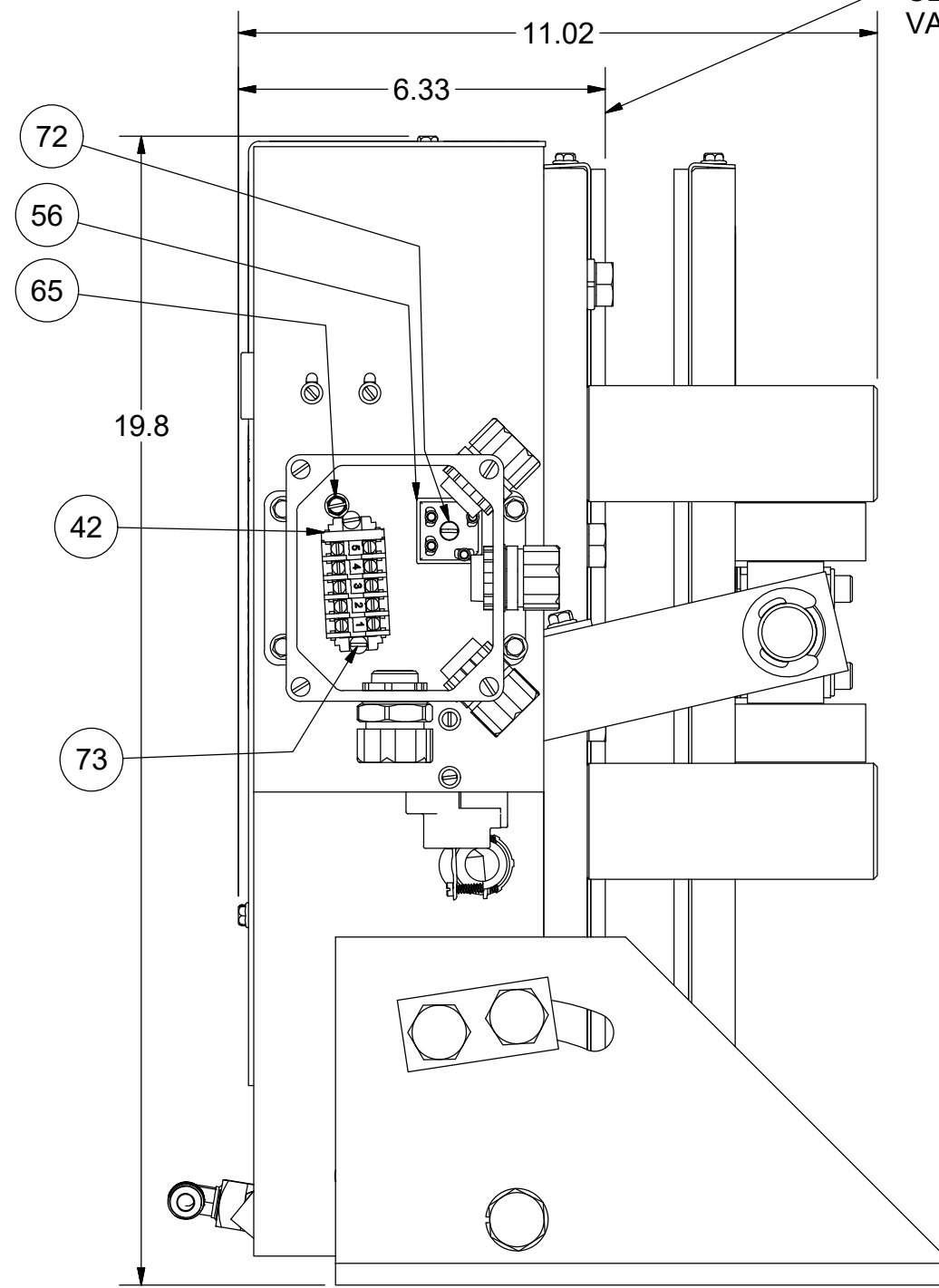
- RIGHT HAND (RH) GRIPPER SHOWN, LEFT HAND SIMILAR
- LEFT HAND BOX 620-106-LH USED FOR LEFT HAND GRIPPER. (SEE ITEM 39)
- QTY LISTED FOR ITEMS 4, 5 & 6 ARE STANDARD. ACTUAL QTY MAY VARY WITH ROPE DIAMETER.
- NEMA SPECIFIC PARTS LISTING SEE PAGE 2 OF 2

PUMPING UNIT WEIGHT: 29.2 LBS
ROPE GRIPPER WEIGHT: 226.6 lbmass

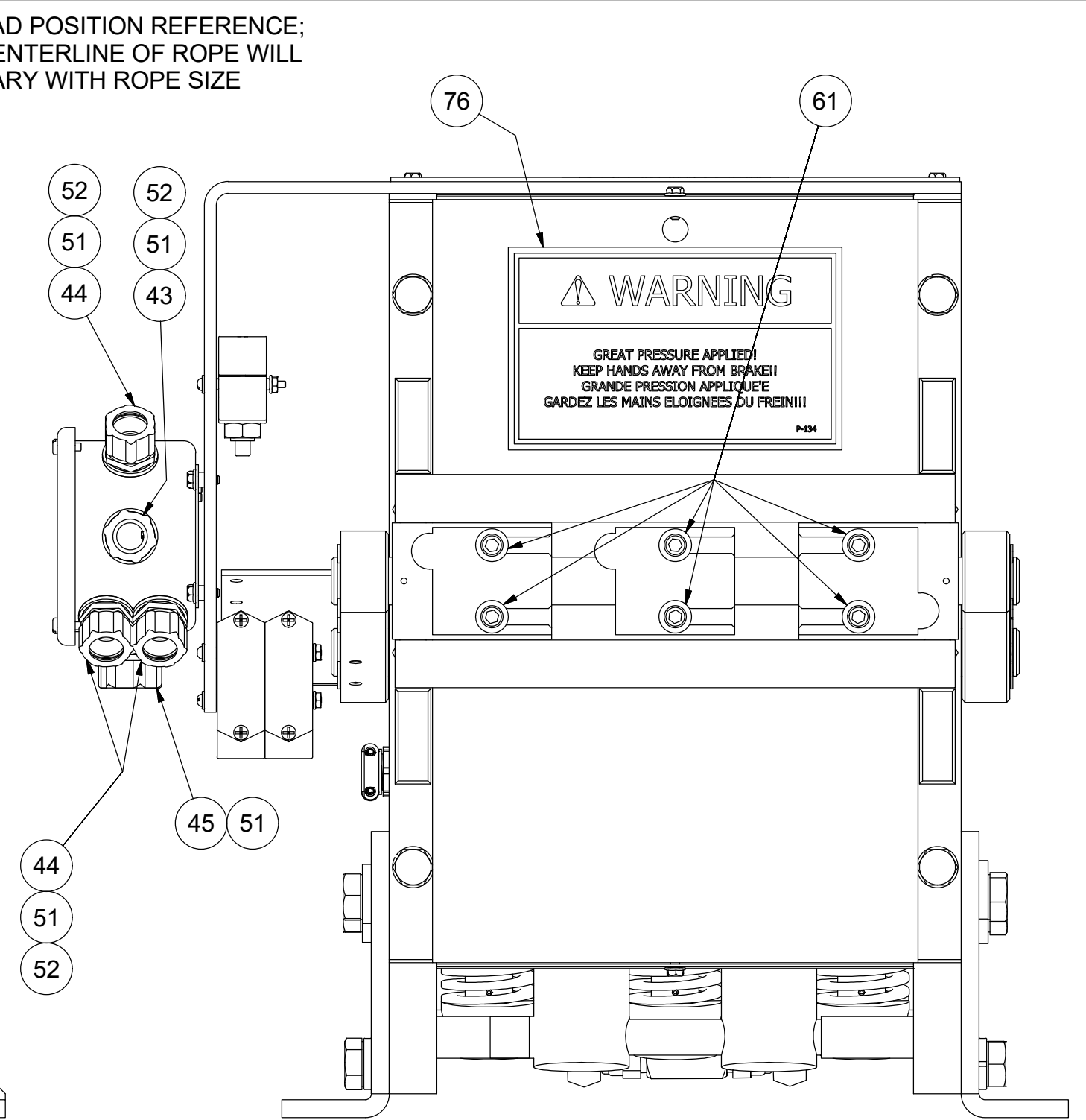
		E	NEMA 4, P/N NEMA WAS	LTL	HOLLISTER-WHITNEY ELEVATOR CO. LLC			
		D	NEMA 7/9 PUR #1200	9/20/19				
			5/16" WASHERS WAS	LTL	BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
			LOCK, DOCUMENTATION	7/29/19				
E	CORRECT TERMINAL QTY	LTL	OF NEMA PARTS & PART					
		FROM 1 EA., TITLE TO	NUMBERS, PUR #1087					
			THIRD ANGLE PROJECTION		DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
					LTL	1 / 2	SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
					SHEET SIZE	DATE		626-NEMA
					C	5/27/2004		SHEET 1 OF 2



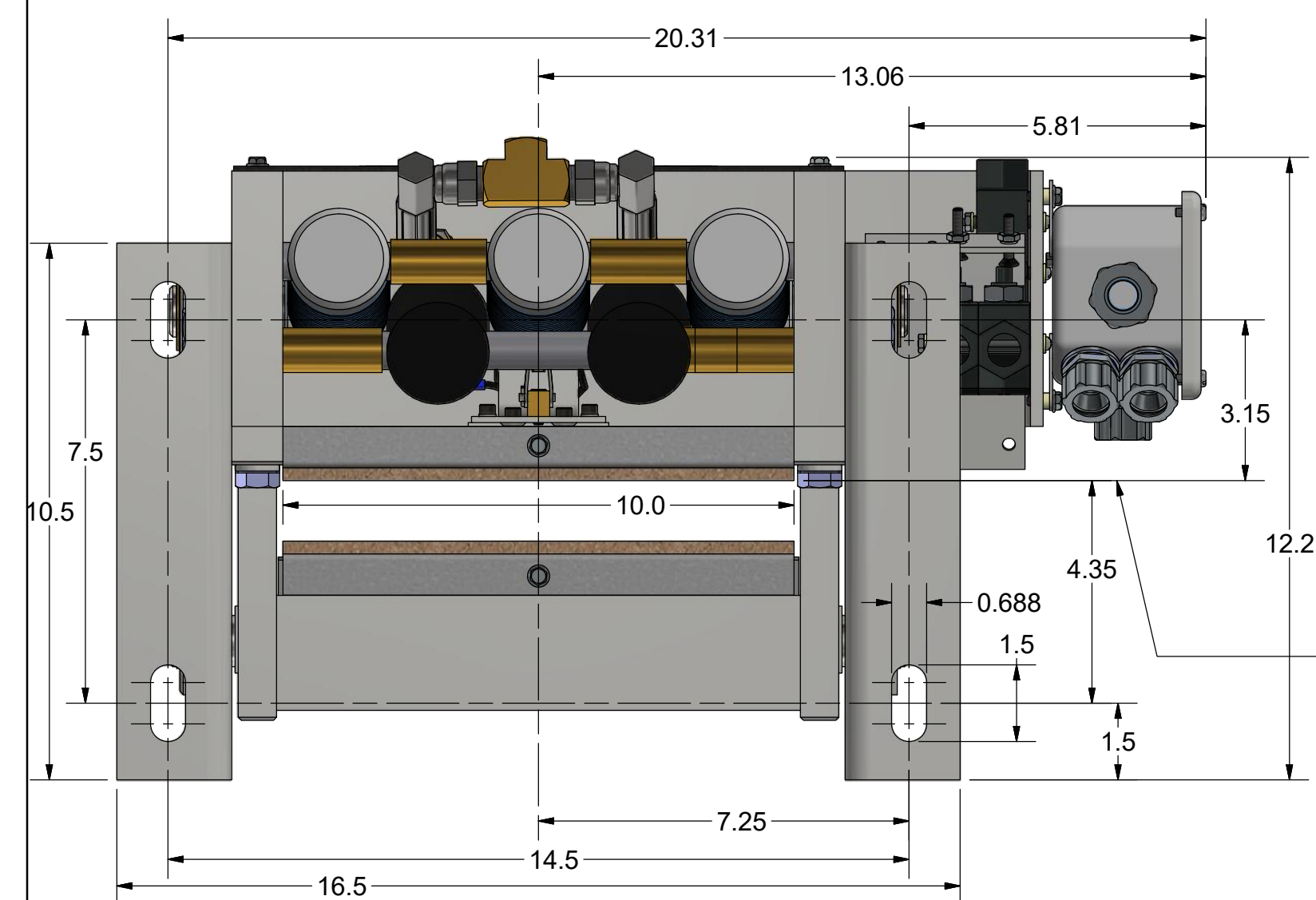
GRIPPER COVER REMOVED THIS VIEW



BOX LID REMOVED THIS VIEW



REAR VIEW



BOTTOM VIEW

PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE

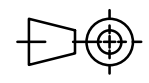
PARTS CALL-OUT SPECIFIC TO NEMA
GRIPPER. FOR "GENERIC" PARTS
CALLOUT SEE 626 ASSEMBLY PARTS
LIST.

ALL WIRING REMOVED FOR CLARITY

REFERENCE DIMENSIONS SHOWN TO
AID IN SETUP AND INSTALL

ROPE GRIPPER WEIGHT: 226.6 lbmass

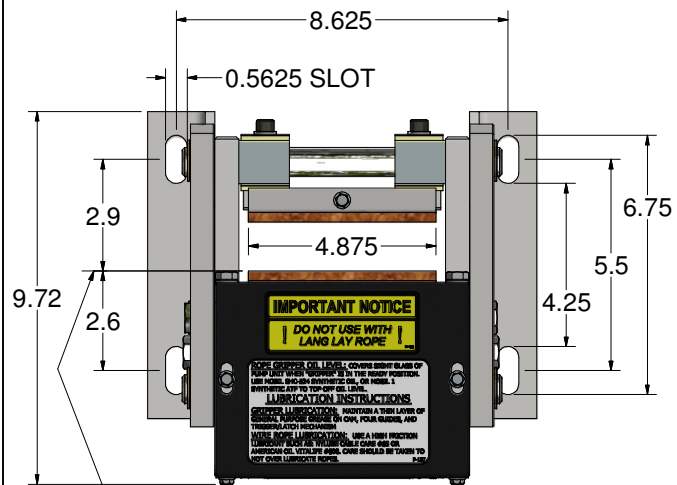
SEE PREVIOUS PAGE
FOR REVISIONS

						HOLLISTER-WHITNEY ELEVATOR CO. LLC			
						TITLE			
						BASIC PARTS LIST, GRIPPER ASSEMBLY - NEMA 4			
THIS DRAWING IS SUPPLIED AS A REPRESENTATION OF THE EQUIPMENT HOLLISTER-WHITNEY ELEVATOR CO. LLC ("MANUFACTURER") HAS AGREED TO SUPPLY. SLIGHT ADJUSTMENTS MAY OCCUR DURING MANUFACTURING AND INSTALLATION. ANY MODIFICATIONS NOT APPROVED IN WRITING BY MANUFACTURER MAY AFFECT OPERATION, VOIDS ANY WARRANTY AND RELEASES MANUFACTURER OF ALL LIABILITY. THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE REPRODUCED OR DIVULGED, IN WHOLE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM THE MANUFACTURER.						DRAWN BY	SCALE	MATERIAL	REFERENCE TOL.
						LTL	1 / 3	SEE PARTS LIST	ALL DIMENSIONS REFERENCE UNLESS OTHERWISE SPECIFIED
THIRD ANGLE PROJECTION 						SHEET SIZE	DATE	626-NEMA	
						C	5/27/2004	SHEET 2 OF 2	

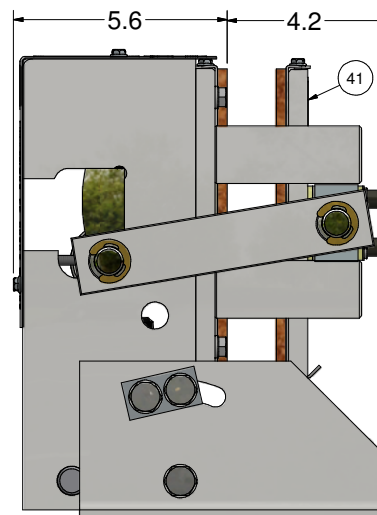
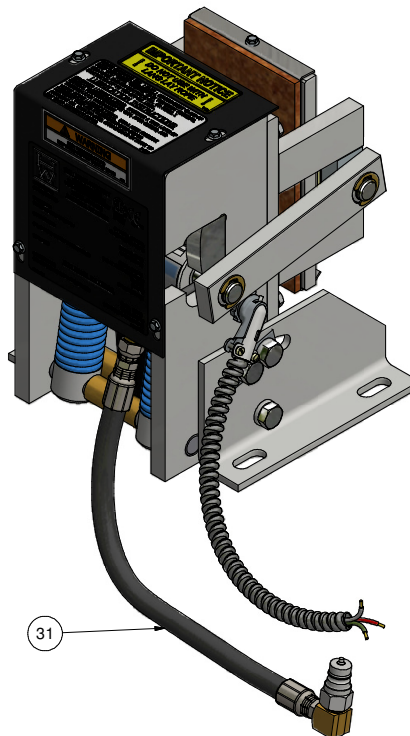
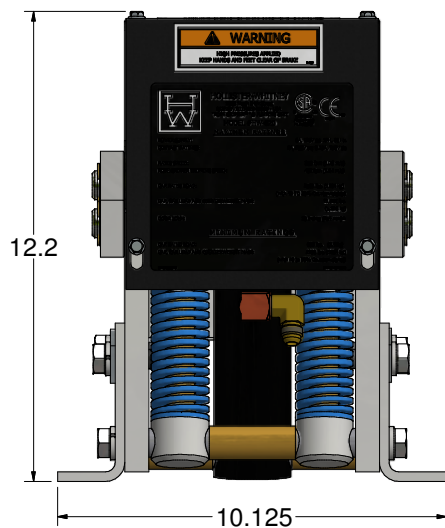
	Document Name	Date	Rev.	Page	Bulletin
	Rope Gripper Prints & Parts List Supplement	11/14/19	A	31 of 45	1144S

Legacy Parts Lists

Older Rope Grippers, Switch Assemblies & Pumping Unit



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



NOTE:

QTY FOR ITEMS 4, 5 & 6 ARE AS NEEDED PER ROPE THICKNESS USED

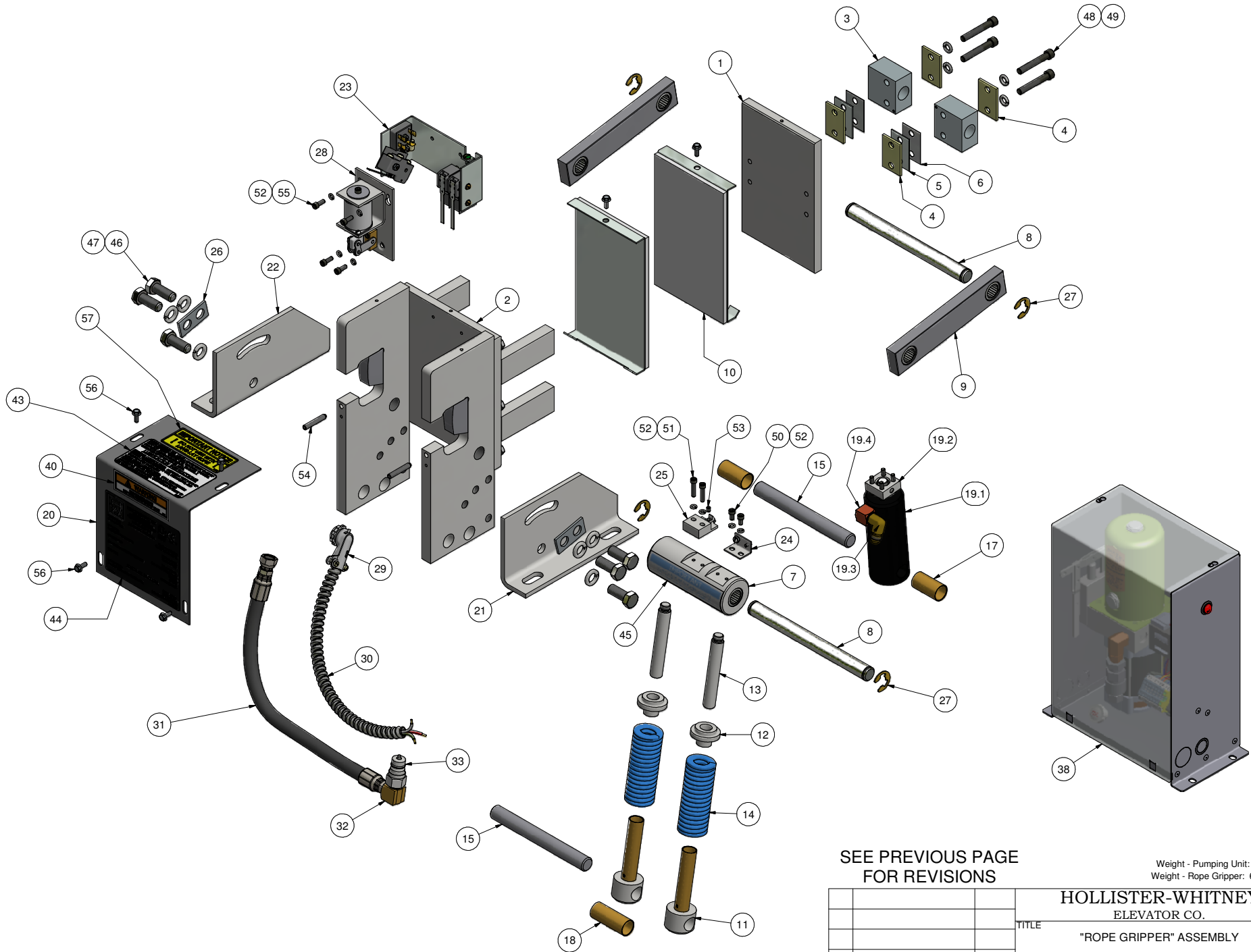
ALL DIMENSIONS NOMINAL UNLESS OTHERWISE NOTED
REFERENCE DIMENSIONS SHOW TO AID IN SETUP AND INSTALL

H	ADD STICKER P-192, PUR #838	LTL	2/9/17
G	ADD PAD POSITION REFERENCE DIM, PUR #798	LTL	10/5/16

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	620-004	MOVABLE SHOE
2	1	620-003	STATIONARY SHOE ASSEMBLY
3	2	620-007	SHAFT SUPPORT BLOCK
4		601-008	SPACER - LINING WEAR
5		601-008-1	SPACER - LINING WEAR
6		601-008-2	SPACER - LINING WEAR
7	1	620-015	TUBING ASSEMBLY
8	2	620-018	ROTATING & NON-ROTATING SHAFT
9	2	601-020	CONNECTING ARM ASSEMBLY
10	2	601-022	LINING ASSEMBLY
11	2	601-025	LOWER SPRING GUIDE ASSEMBLY
12	2	601-027	SPRING UPPER SUPPORT
13	2	601-029	SPRING UPPER SUPPORT GUIDE
14	2	601-030	GRIPPER SPRING
15	2	620-031	SHAFT
17	2	620-032	SPACER TUBING
18	1	620-033	TUBING - SPACER
19.1	1	601-035	HYDRAULIC CYLINDER
19.2	1	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
19.3	1	610-087	BRASS 90° ELBOW ADAPTOR, 45° FLARED HEAD 5/8"-18 X 1/4 NPT 18
19.4	1	601-039	1/8 X 1/4 NPT, 90° ELBOW
20	1	620-040	COVER
21	1	601-041 R	MOUNTING ANGLE - RIGHT
22	1	601-041 L	MOUNTING ANGLE - LEFT
23	1	600-050	MICROSWITCH/SOLENOID ASSEMBLY
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	601-078	LATCH
26	2	601-095	DOUBLE BOLT WASHER
27	4	90-033	E-CLIP, #X5133-74
28	1	RG-0003N	SOLENOID LOCKING UNIT
29	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
30	1	600-081	CONDUIT - FLEXIBLE (1/2")
31	1	620-037	HOSE
32	1	610-091	STREET ELBOW - 90 deg.
33	1	620-038	COUPLING - QUICK DISCONNECT
38	1	620-100	PUMPING UNIT
40	1	P-139	ROPE GRIPPER WARNING LABEL - SMALL
41	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
43	1	P-137	GRIPPER LUBE INST. STICKER
44	1	P-143	620 ROPE GRIPPER LABEL
45	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
46	6	1/2 - 13 UNC x 1.25	HEX HEAD CAP SCREW
47	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
48	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
49	4	5/16 WASHER	STANDARD LOCK
50	2	#10-32 UNF x 0.375	SOCKET HEAD CAP SCREW
51	2	#10-32 UNF x 0.875	SOCKET HEAD CAP SCREW
52	8	#10 LOCK WASHER	STANDARD LOCK WASHER
53	1	10-32 UNF x 0.25	SET SCREW
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
56	6	#10-24 UNC X 0.5	WHIZ BOLT
57	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

Weight - Pumping Unit: 29.2 lbmass
Weight - Rope Gripper: 62.61 lbmass

F	COIL P/N CORRECTED, PUR #622	LTL	11/5/13	HOLLISTER-WHITNEY ELEVATOR CO.			
E	REDRAW, PUR #594	B/G	8/7/13				
D	REVISED PART NUMBERS, PUR #426	BDM	8/24/10	"ROPE GRIPPER" ASSEMBLY			
C	PUR #383		1/15/09				
B	PUR #377		4/4/08	SEE PARTS LIST			
A	PUR #359		1/2/07				
				DRAWN BY	SCALE	MATERIAL	DIMENSIONAL TOL.
				LTL	N/A		1 PLACE ±0.01, 2 PLACE ±0.005, 3 & 4 PLACE ±0.001, ANGLES ±0.1° REF., OPEN, (NOMINAL) ±0.0156
				SHEET SIZE	C	DATE	9/8/2003



SEE PREVIOUS PAGE
FOR REVISIONS

Weight - Pumping Unit: 29.2 lbmass
Weight - Rope Gripper: 62.61 lbmass

HOLLISTER-WHITNEY
ELEVATOR CO.

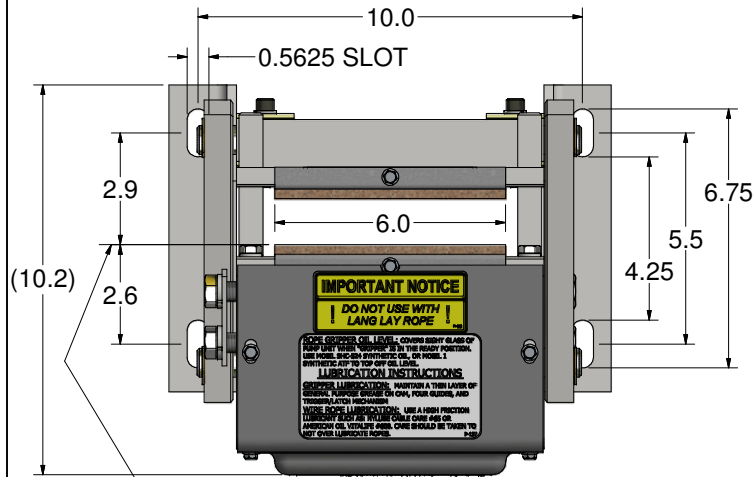
TITLE
"ROPE GRIPPER" ASSEMBLY

DRAWN BY: LTL
SCALE: N/A
MATERIAL: SEE PARTS LIST

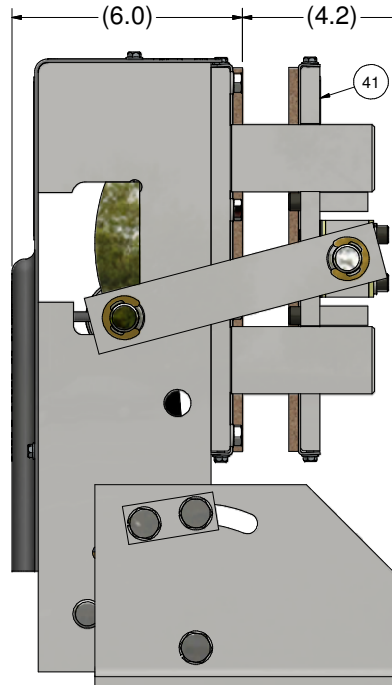
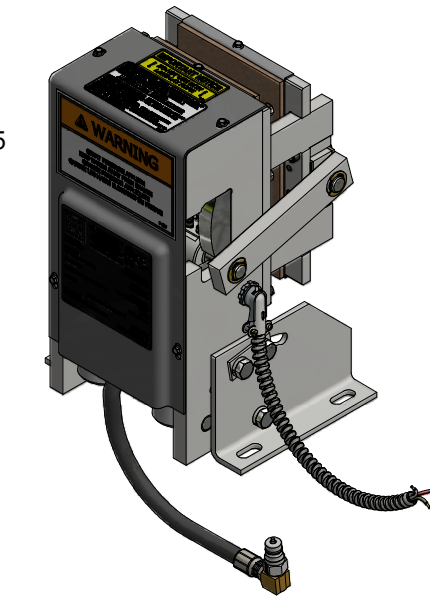
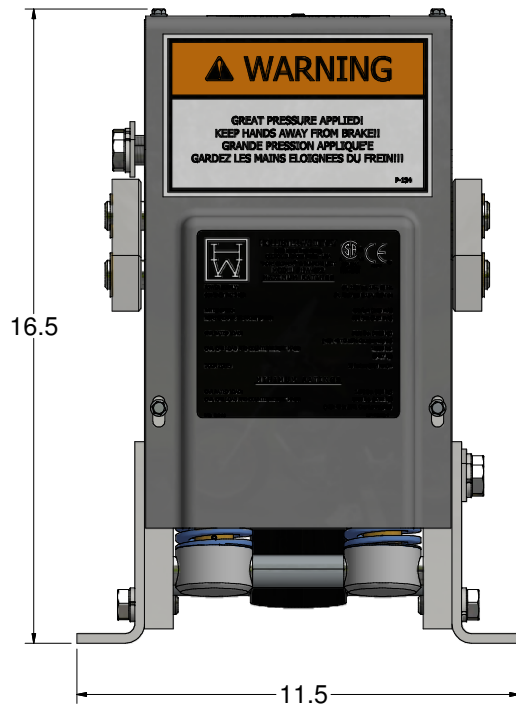
DIMENSIONAL TOL.
1 PLACE ± 0.01 ; 2 PLACE ± 0.005
3 & 4 PLACE ± 0.001 ; ANGLES $\pm 0.1^\circ$
REF., OPEN, (NOMINAL) ± 0.0156

SHEET C
DATE 9/8/2003

620



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	622-002	MOVABLE SHOE ASSEMBLY
2	1	622-003	STATIONARY SHOE ASSEMBLY
3	2	600-007	BLOCK - SHAFT SUPPORT
4		600-008	SPACER - LINING WEAR (0.125)
5		600-008-1	SPACER - LINING WEAR (0.063)
6		600-008-2	SPACER - LINING WEAR (0.028)
7	1	622-015	TUBING ASSEMBLY
8	2	622-018	SHAFT - ROTATING & NON-ROTATING
9	2	600-020	CONNECTING ARM ASSEMBLY
10	2	600-022	LINING ASSEMBLY
11	2	600-025	LOWER SPRING GUIDE ASSEMBLY
12	2	600-027	UPPER SUPPORT - SPRING
13	2	600-029	GUIDE - UPPER SPRING SUPPORT
14	2	600-030	SPRING
15	2	622-031	SHAFT
16	2	601-032	TUBING - SPACER
17	1	622-033	TUBING - SPACER
19.1	1	600-035	CYLINDER - HYDRAULIC
19.2	1	622-036	PIVOT BRACKET ASSEMBLY
19.3	1	610-087	PARKER #149F-6-4 MALE ELBOW
20	1	622-040 P	COVER - 622 ROPE GRIPPER
21	1	600-041 R	ANGLE, RIGHT HAND - MOUNTING
22	1	600-041 L	ANGLE, LEFT HAND - MOUNTING
23	1	622-050	MICROSWITCH/SOLENOID ASSEMBLY
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	601-078	LATCH
26	2	600-095	WASHER - DOUBLE BOLT
27	4	90-033	E-CLIP, #X5133-74
28	1	RG-0003N	SOLENOID LOCKING UNIT
29	1	207-077	3/8" 90° BOX CONNECTOR
30	1	600-081	CONDUIT - FLEXIBLE (1/2")
31	1	620-037	HOSE
32	1	610-091	STREET ELBOW - 90 deg.
33	1	620-038	COUPLING - QUICK DISCONNECT
38	1	620-100	PUMPING UNIT
41	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
42	1	P-134	ROPE GRIPPER WARNING LABEL - LARGE
43	1	P-137	GRIPPER LUBE INST. STICKER
44	1	P-135	622 ROPE GRIPPER LABEL
45	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
46	6	1/2 - 13 UNC x 1.25	HEX HEAD CAP SCREW
47	6	1/2 LOCK WASHER	STANDARD LOCK WASHER
48	4	5/16 - 18 UNC x 2.0	SOCKET HEAD CAP SCREW
49	4	5/16 WASHER	STANDARD LOCK
50	2	#10-32 UNF x 0.375	SOCKET HEAD CAP SCREW
51	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
52	8	#10 LOCK WASHER	STANDARD LOCK WASHER
53	1	10-32 UNF x 0.25	SET SCREW
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
56	8	#10-24 UNC x 0.5	WHIZ BOLT
57	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

NOTE:

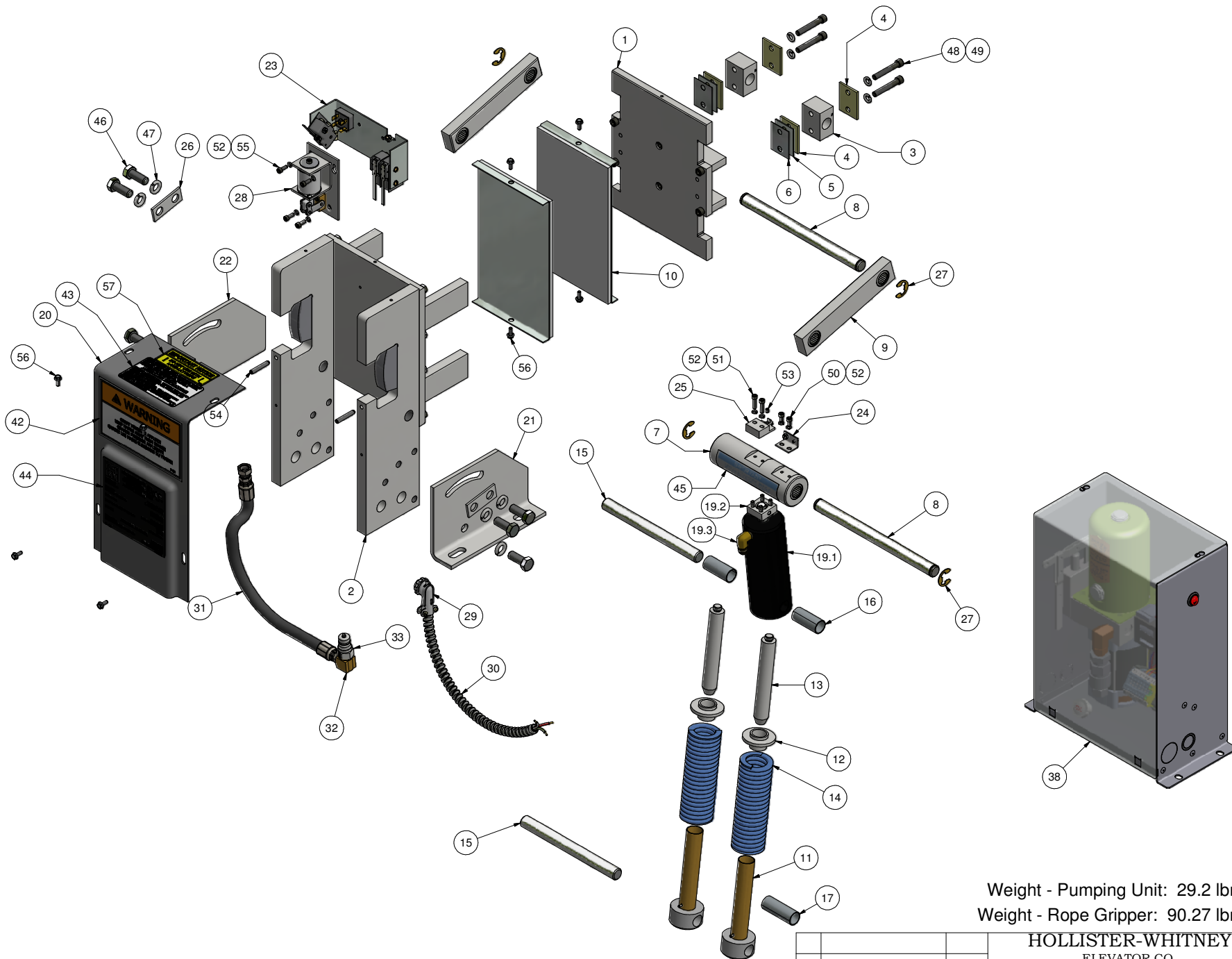
QTY FOR ITEMS 4, 5 & 6 ARE AS NEEDED PER ROPE THICKNESS USED.

ALL DIMENSIONS NOMINAL UNLESS OTHERWISE NOTED.
REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL.

Weight - Pumping Unit: 29.2 lbmass

Weight - Rope Gripper: 90.27 lbmass

F	ADD PAD POSITION REFERENCE DIM. PUR #798	LTL 10/5/16	HOLLISTER-WHITNEY ELEVATOR CO.				
E	COIL P/N CORRECTED, PUR #622	LTL 11/5/13	TITLE "ROPE GRIPPER" ASSEMBLY				
D	REDRAW, PUR #594	BLG 6/7/13					
C	PUR #426 - REVISE PART NUMBERS	BDM 8/24/10	DRAWN BY LTL	SCALE N/A	MATERIAL SEE PARTS LIST	DIMENSIONAL TOL. 1 PLACE ±0.01, 2 PLACE ±0.005 3&4 PLACE ±0.001, ANGLES±0.1° REF. OPEN, (NOMINAL) ± 0.0156	
B	PUR #383	1/15/09					
A	PUR #359	1/2/07	SHEET SIZE C	DATE 5/20/2004	622		



Weight - Pumping Unit: 29.2 lbmass
 Weight - Rope Gripper: 90.27 lbmass

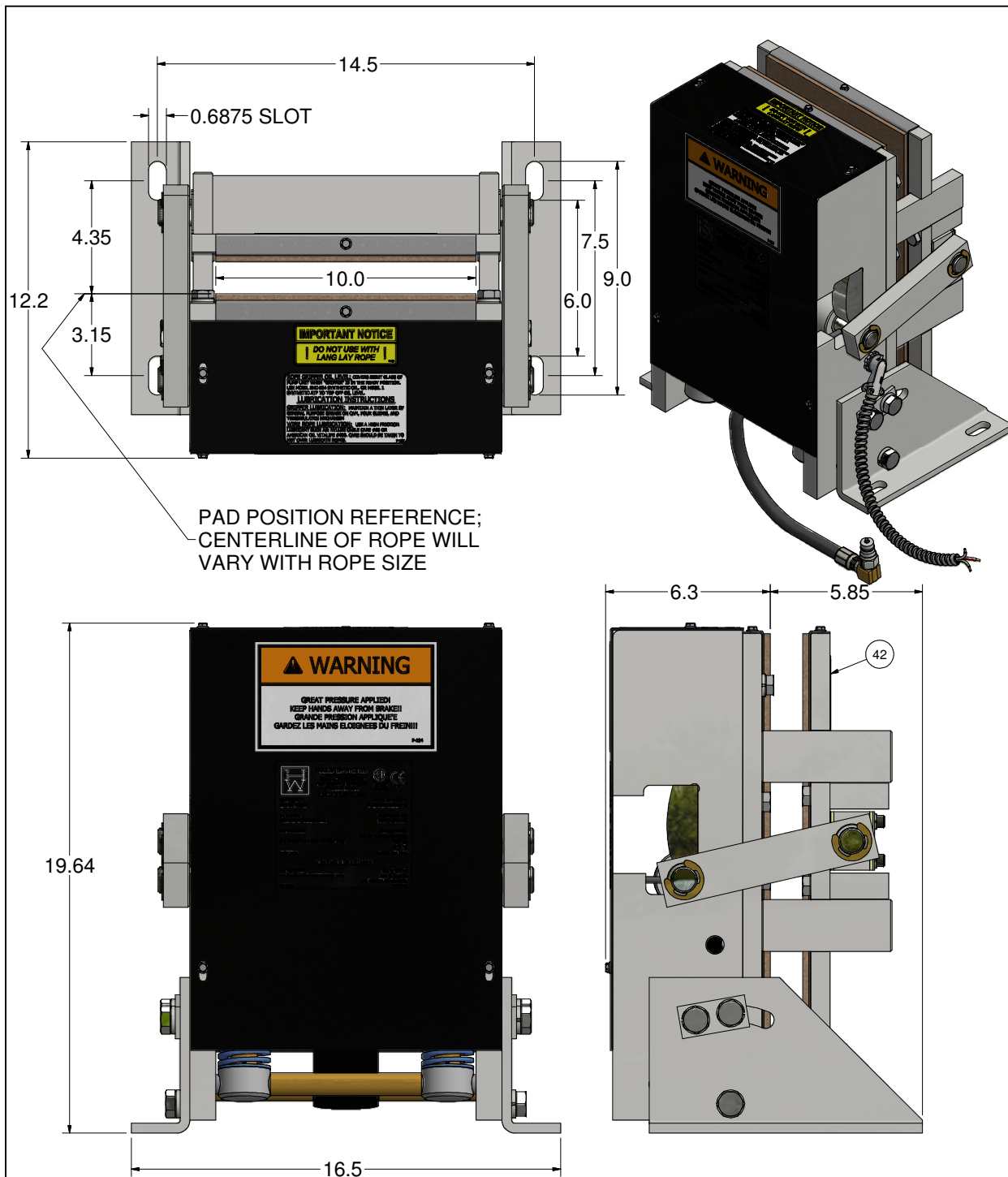
HOLLISTER-WHITNEY
 ELEVATOR CO.

TITLE
 "ROPE GRIPPER" ASSEMBLY

DRAWN BY	SCALE	MATERIAL	DIMENSIONAL TOL.
LTL	N/A	SEE PARTS LIST	1 PLACE ±0.01, 2 PLACE ±0.005 3/64 PLACE ±0.001, ANGLES ±0.1° REF., OPEN, (NOMINAL) ± 0.0150
SHEET SIZE	C	DATE	5/20/2004

622

SEE PREVIOUS PAGE
 FOR REVISIONS



Parts List				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	626-002	MOVABLE SHOE ASSEMBLY	
2	1	624-003	STATIONARY SHOE ASSEMBLY	
3	2	610-007	SHAFT SUPPORT BLOCK	
4		610-008	SPACER - LINING WEAR	
5		610-008-1	SPACER (16 Ga) - LINING WEAR	
6		610-008-2	SPACER (22 Ga) - LINING WEAR	
7	1	624-015	TUBING ASSEMBLY	
8	2	626-018	SHAFT - ROTATING & NON-ROTATING	
9	2	610-020	CONNECTING ARM ASSEMBLY	
10	2	610-022	LINING ASSEMBLY	
11	2	600-025	LOWER SPRING GUIDE ASSEMBLY	
12	2	600-027	UPPER SUPPORT - SPRING	
13	2	600-029	GUIDE - UPPER SPRING SUPPORT	
14	2	600-030	SPRING	
15	2	626-031	SHAFT	
16	2	624-032	TUBING - SPACER	
17	1	624-033	TUBING - SPACER	
19.1	1	600-035	CYLINDER - HYDRAULIC	
19.2	1	622-036	PIVOT BRACKET ASSEMBLY	
19.3	1	610-087	PARKER #149F-6-4 MALE ELBOW	
20	1	626-040 P	COVER - ROPE GRIPPER	
21	1	610-041 R	ANGLE, R.H. - MOUNTING	
22	1	610-041 L	ANGLE, L.H. - MOUNTING	
23	1	622-050	MICROSWITCH/SOLENOID ASSEMBLY	
24	1	600-051	ACTUATING ANGLE w/SCREWS	
25	1	601-078	LATCH	
26	2	610-095	WASHER - DOUBLE BOLT	
27	4	610-085	E-CLIP (TRUARC) X5133-98	
28	1	RG-0003N	SOLENOID LOCKING UNIT	
29	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR	
30	1	600-081	CONDUIT - FLEXIBLE (1/2")	
31	1	620-037	HOSE - CYLINDER TO PUMPING UNIT	
32	1	610-091	STREET ELBOW 90°	
33	1	620-038	COUPLING - QUICK DISCONNECT	
38	1	620-100	PUMPING UNIT	
41	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM	
42	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE	
43	1	P-137	GRIPPER LUBE INST. STICKER	
44	1	P-142	624 ROPE GRIPPER LABEL	
45	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING	
46	6	5/8-11 UNC X 1.5	HEX HEAD CAP SCREW	
47	6	5/8 WASHER	STANDARD LOCK	
48	4	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW	
49	4	5/16 WASHER	STANDARD LOCK	
50	2	#10-32 UNF x 0.375	SOCKET HEAD CAP SCREW	
51	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW	
52	8	#10 LOCK WASHER	STANDARD LOCK WASHER	
53	1	10-32 UNF x 0.25	SET SCREW	
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW	
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW	
56	8	#10-24 UNC x 0.5	WHIZ BOLT	
57	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER	

NOTE:

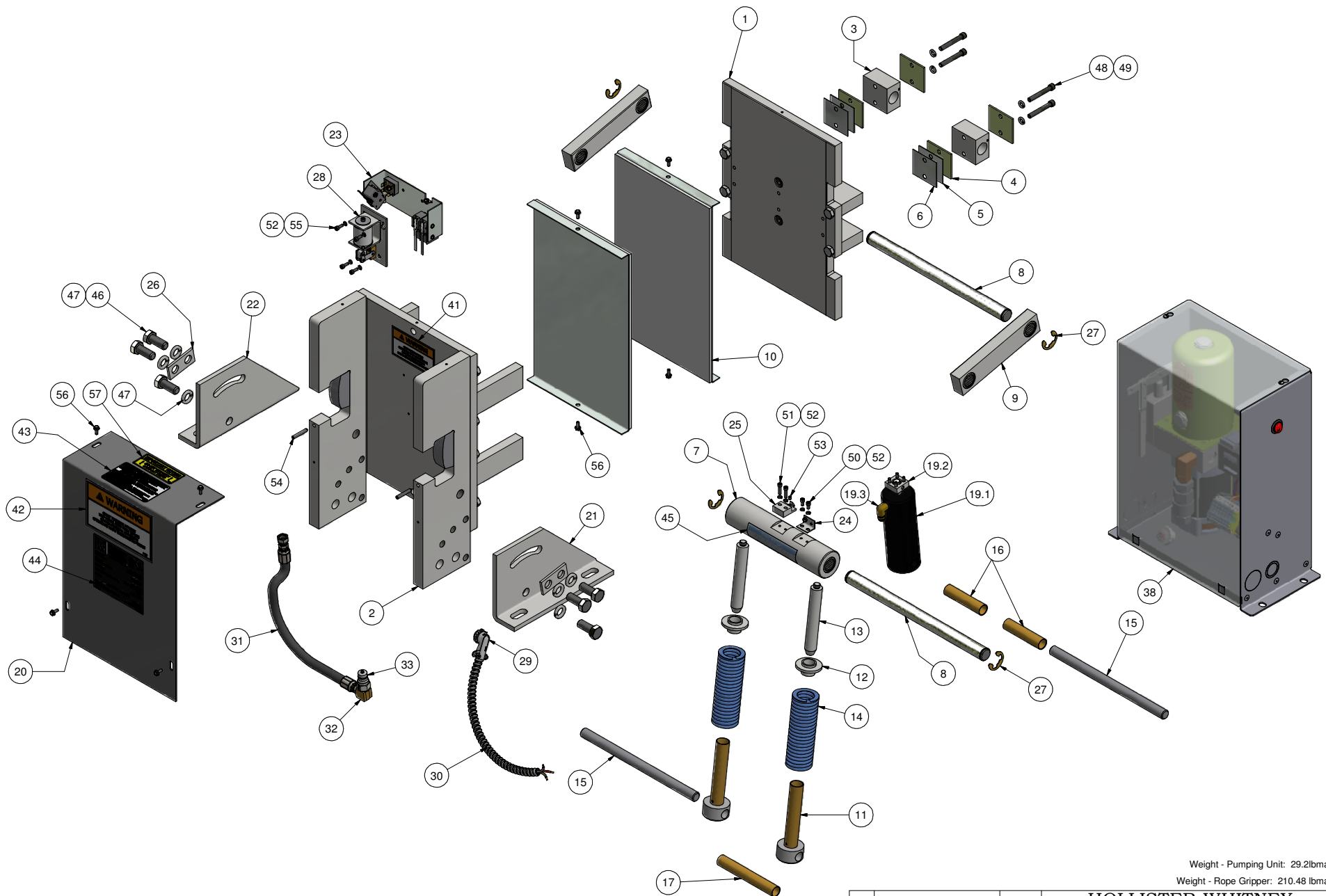
QTY FOR 4, 5 & 6 ARE AS NEEDED PER ROPE THICKNESS USED

ALL DIMENSIONS NOMINAL UNLESS OTHERWISE NOTED
REFERENCE DIMENSIONS SHOWN TO AID IN SETUP AND INSTALL

Weight - Pumping Unit: 29.2lbmass

Weight - Rope Gripper: 210.48 lbmass

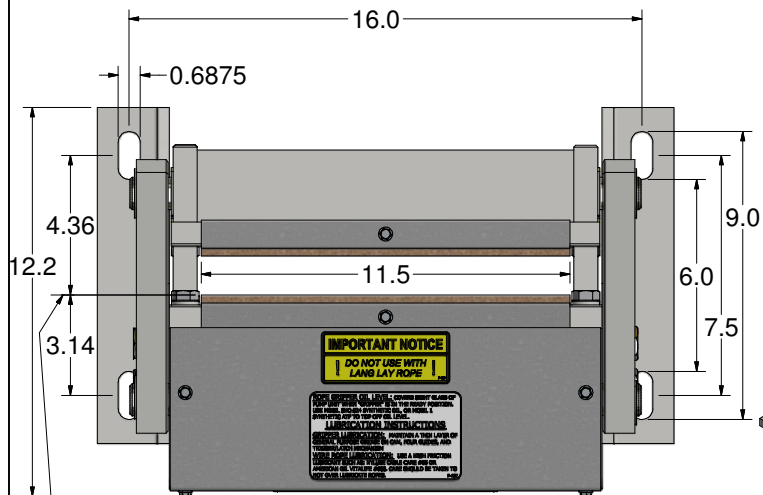
F ADD PAD POSITION REFERENCE DIM. PUR #798		LTL 10/6/16	HOLLISTER-WHITNEY ELEVATOR CO.	
E COIL P/N CORRECTED, PUR #622		LTL 11/5/13		
D REDRAW, PUR#594		BLG 6/5/13	"ROPE GRIPPER" ASSEMBLY	
C REVISED PART NUMBERS, PUR #426		BDM 8/24/10		
B PUR #383		1/2/07	SEE PARTS LIST	
A PUR #359		1/2/07		
G ADD STICKER P-192, PUR #838		LTL 2/9/17	DATE 10/12/2006	
			SHEET SIZE C	
			DIMENSIONAL TOL. 1 PLACE ±0.01 2 PLACE ±0.005 3 & 4 PLACE ±0.001 ANGLES ±0.1° REF., OPEN, (NOMINAL) ±0.0156	



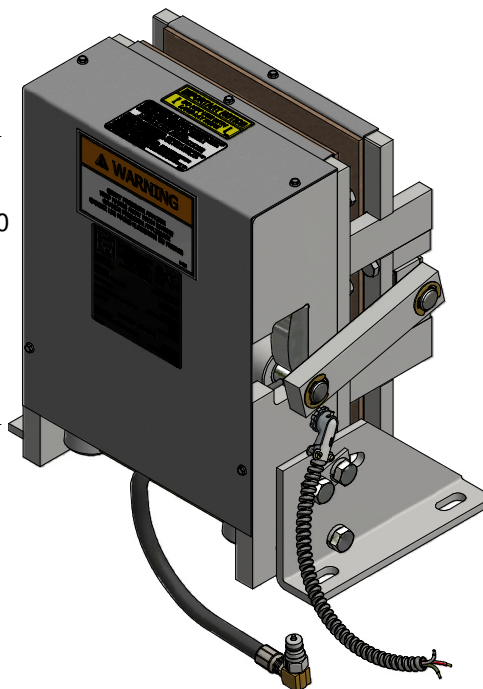
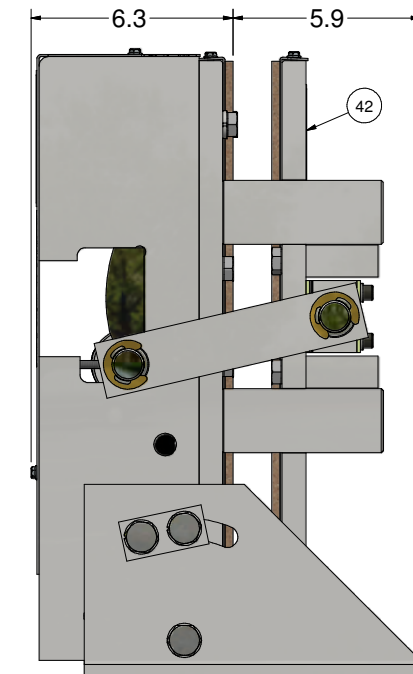
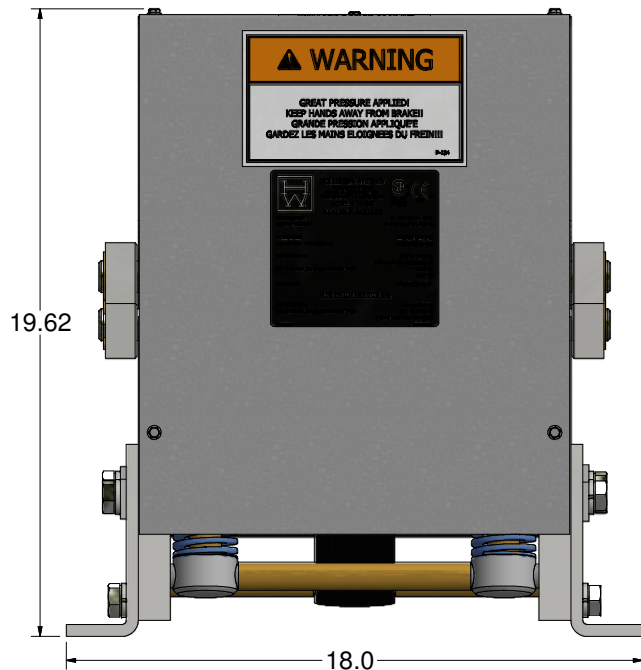
Weight - Pumping Unit: 29.2lbmass
 Weight - Rope Gripper: 210.48 lbmass

SEE PREVIOUS PAGE
 FOR REVISIONS

HOLLISTER-WHITNEY			
ELEVATOR CO.			
TITLE			
"ROPE GRIPPER" ASSEMBLY			
DRAWN BY	SCALE	MATERIAL	
LTL	N/A	SEE PARTS LIST	
SHEET SIZE	C	DATE	10/12/2006
DIMENSIONAL TOL.			624
1 PLACE ± 0.01 ; 2 PLACE ± 0.005			
3 & 4 PLACE ± 0.001 ; ANGLES $\pm 0.1^\circ$			
REF., OPEN, (NOMINAL) ± 0.0156			



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	625-002	MOVABLE SHOE ASSEMBLY
2	1	625-003	STATIONARY SHOE ASSEMBLY
3	2	610-007	SHAFT SUPPORT BLOCK
4		610-008	SPACER - LINING WEAR
5		610-008-1	SPACER (16 Ga) - LINING WEAR
6		610-008-2	SPACER (22 Ga) - LINING WEAR
7	1	625-015	TUBING ASSEMBLY
8	2	610-018	SHAFT - ROTATING & NON-ROTATING
9	2	610-020	CONNECTING ARM ASSEMBLY
10	2	625-022	LINING ASSEMBLY
11	2	600-025	LOWER SPRING GUIDE ASSEMBLY
12	2	600-027	UPPER SUPPORT - SPRING
13	2	600-029	GUIDE - UPPER SPRING SUPPORT
14	2	600-030	SPRING
15	2	610-031	SHAFT
16	2	605-032	TUBING - SPACER
17	1	605-033	TUBING - SPACER
19.1	1	600-035	CYLINDER - HYDRAULIC
19.2	1	622-036	PIVOT BRACKET ASSEMBLY
19.3	1	610-087	PARKER #149F-6-4 MALE ELBOW
20	1	625-040	COVER
21	1	610-041 R	ANGLE, R.H. - MOUNTING
22	1	610-041 L	ANGLE, L.H. - MOUNTING
23	1	622-050	MICROSWITCH/SOLENOID ASSEMBLY
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	601-078	LATCH
26	2	610-095	WASHER - DOUBLE BOLT
27	4	610-085	E-CLIP (TRUARC) X5133-98
28	1	RG-0003N	SOLENOID LOCKING UNIT
29	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
30	1	600-081	CONDUIT - FLEXIBLE (1/2")
31	1	620-037	HOSE - CYLINDER TO PUMPING UNIT
32	1	610-091	STREET ELBOW - 90°
33	1	620-038	COUPLING - QUICK CONNECT
38	1	620-100	PUMPING UNIT
41	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
42	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
43	1	P-137	GRIPPER LUBE INST. STICKER
44	1	P-145	625 ROPE GRIPPER LABEL
45	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
46	6	5/8-11 UNC X 1.25	HEX HEAD CAP SCREW
47	6	5/8 WASHER	STANDARD LOCK
48	4	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW
49	4	5/16 WASHER	STANDARD LOCK
50	2	#10-32 UNF x 0.375	SOCKET HEAD CAP SCREW
51	2	#10-32 UNF x 0.75	SOCKET HEAD CAP SCREW
52	8	#10 LOCK WASHER	STANDARD LOCK WASHER
53	1	10-32 UNF x 0.25	SET SCREW
54	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
55	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
56	8	#10-24 UNC x 0.5	WHIZ BOLT
57	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

NOTE:

QTY FOR ITEMS 4, 5 & 6 ARE AS NEEDED PER ROPE THICKNESS USED

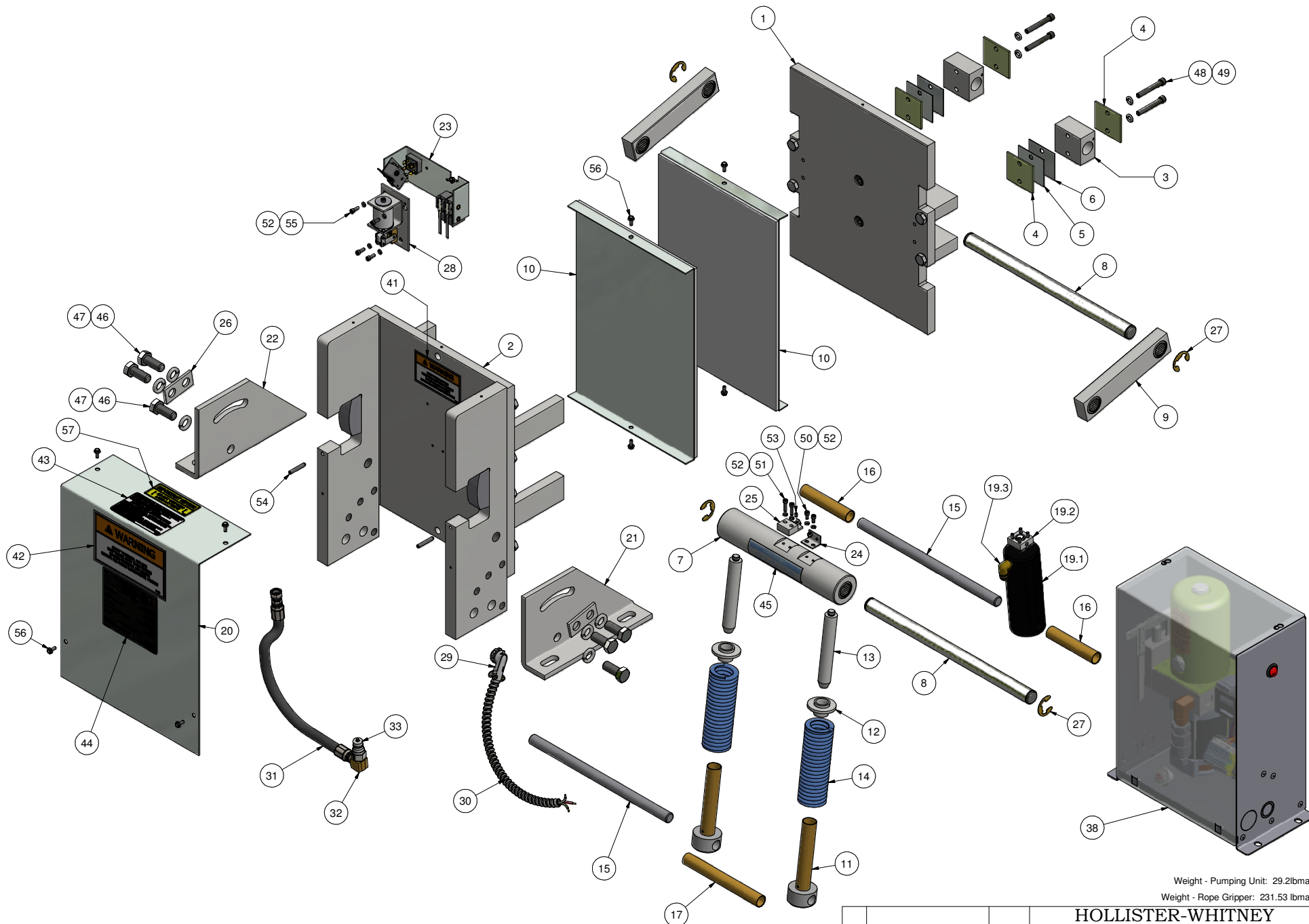
ALL DIMENSIONS NOMINAL UNLESS OTHERWISE NOTED
REFERENCE DIMENSIONS SHOW TO AID IN SETUP AND INSTALL

Weight - Pumping Unit: 29.2lbmass

Weight - Rope Gripper: 231.53 lbmass

F ADD PAD POSITION REFERENCE DIM. PUR #798		LTL 10/7/16	HOLLISTER-WHITNEY ELEVATOR CO.	
E COIL P/N CORRECTED, PUR #622		LTL 11/5/13		
D REDRAW, PUR #594		BLG 6/5/13	"ROPE GRIPPER" ASSEMBLY	
C RECISED PART NUMBERS, PUR #426		BDM 8/24/10		
B PUR #383		1/2/07	SEE MATERIAL LIST	
A PUR #359		1/2/07		
G ADD STICKER P-192, PUR #838		LTL 2/9/17	DATE 1/24/2007	

DIMENSIONAL TOL.
1 PLACE ±0.01 2 PLACE ±0.005
3 & 4 PLACE ±0.001 ANGLES ±0.1°
REF. OPEN, (NOMINAL) ±0.0156



Weight - Pumping Unit: 29.2lbmass
 Weight - Rope Gripper: 231.53 lbmass

SEE PREVIOUS PAGE
 FOR REVISIONS

**HOLLISTER-WHITNEY
 ELEVATOR CO.**

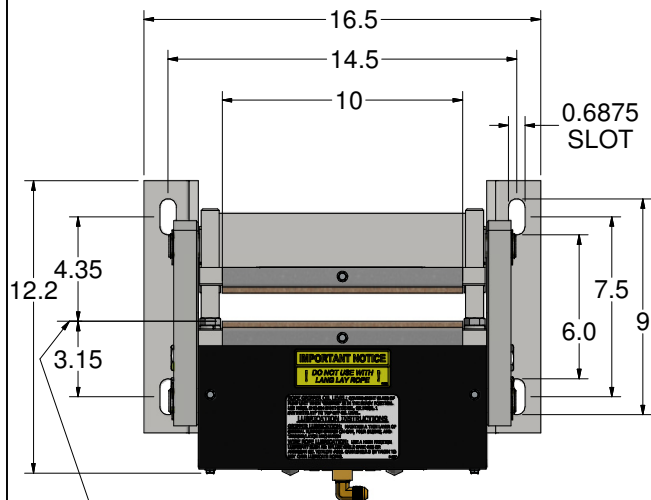
TITLE
 "ROPE GRIPPER" ASSEMBLY

DRAWN BY: LTL
 SCALE: NA
 MATERIAL: SEE PARTS LIST

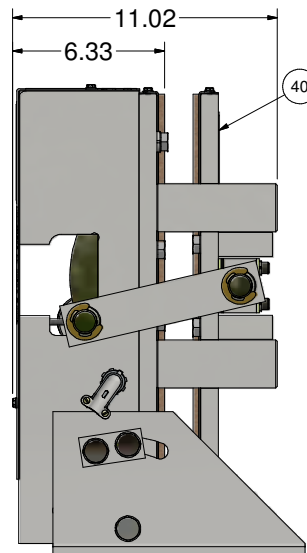
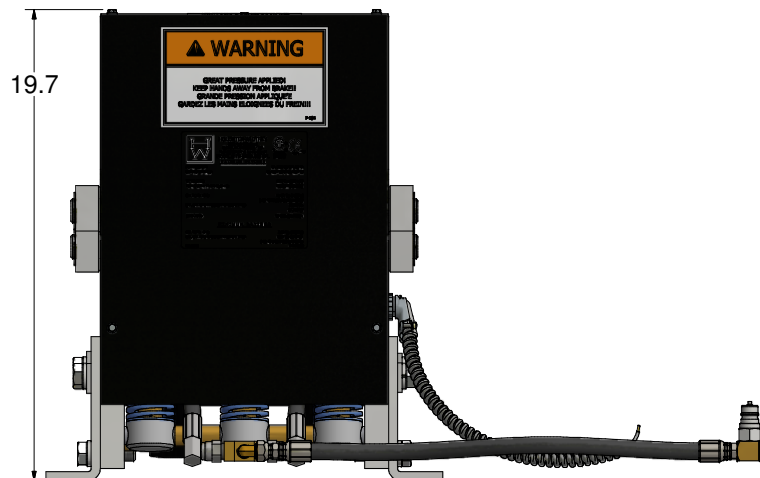
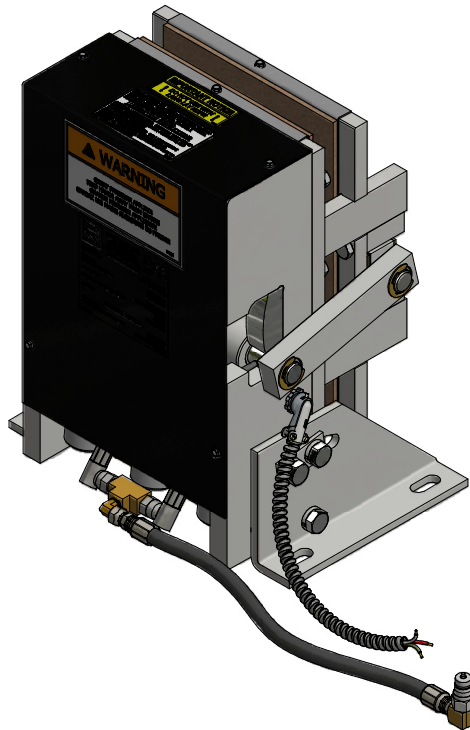
DIMENSIONAL TOL.
 1 PLACE ± 0.01 ; 2 PLACE ± 0.005
 3 & 4 PLACE ± 0.001 ; ANGLES $\pm 0.1^\circ$
 REF., OPEN, (NOMINAL) ± 0.0156

SHEET C
 DATE 1/24/2007

625



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



NOTES:

QTY FOR 4, 5 & 6 ARE AS NEEDED PER ROPE THICKNESS USED

ALL DIMENSIONS NOMINAL UNLESS OTHERWISE NOTED REFERENCE DIMENSIONS
SHOWN TO AID IN SETUP AND INSTALL

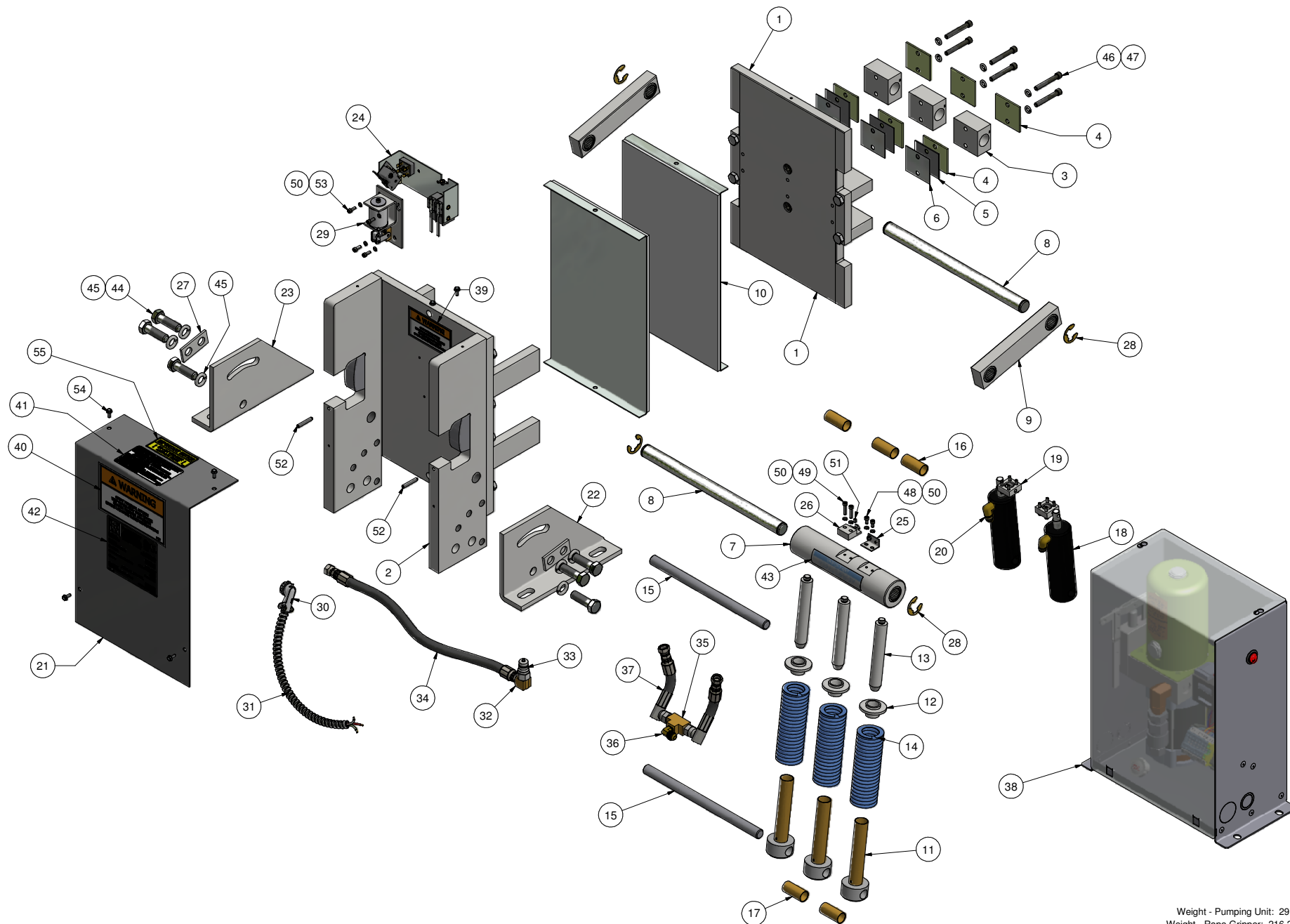
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	626-002	MOVABLE SHOE ASSEMBLY
2	1	626-003	STATIONARY SHOE ASSEMBLY
3	3	610-007	SHAFT SUPPORT BLOCK
4		610-008	SPACER - LINING WEAR
5		610-008-1	SPACER (16 Ga) - LINING WEAR
6		610-008-2	SPACER (22 Ga) - LINING WEAR
7	1	626-015	TUBING ASSEMBLY
8	2	626-018	SHAFT - ROTATING & NON-ROTATING
9	2	610-020	CONNECTING ARM ASSEMBLY
10	2	610-022	LINING ASSEMBLY
11	3	600-025	LOWER SPRING GUIDE ASSEMBLY
12	3	600-027	UPPER SUPPORT - SPRING
13	3	600-029	GUIDE - UPPER SPRING SUPPORT
14	3	600-030	SPRING
15	2	626-031	SHAFT
16	3	626-032	TUBING - SPACER
17	2	626-033	TUBING - SPACER
18	2	610-035	HYDRAULIC CYLINDER
19	2	622-036	HYDRAULIC CYLINDER PIVOT BRACKET ASSEMBLY
20	2	610-087	PARKER #149F-6-4 MALE ELBOW
21	1	626-040 P	COVER - ROPE GRIPPER
22	1	610-041 R	ANGLE, R.H. - MOUNTING
23	1	610-041 L	ANGLE, L.H. - MOUNTING
24	1	622-050	MICROSWITCH/SOLENOID ASSEMBLY
25	1	600-051	ACTUATING ANGLE w/SCREWS
26	1	601-078	LATCH
27	2	610-095	WASHER - DOUBLE BOLT
28	4	610-085	E-CLIP (TRUARC) X5133-98
29	1	RG-0003N	SOLENOID LOCKING UNIT
30	1	600-082	801-DC2 90° ANGLE BOX CONNECTOR
31	1	600-081	CONDUIT - FLEXIBLE (1/2")
32	1	610-091	STREET ELBOW - 90°
33	1	620-038	COUPLING - QUICK CONNECT
34	1	610-037	HOSE ASSEMBLY
35	2	610-086	3/8 NPT TEE
36	2	610-088	BRASS 90° ELBOW ADAPTOR, 45° FLARED HEAD 5/8"-18 X 3/8 NPTF 18
37	4	626-092	HOSE ASSEMBLY
38	1	620-100	PUMPING UNIT
39	1	P-133	ROPE GRIPPER WARNING LABEL - MEDIUM
40	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
41	1	P-137	GRIPPER LUBE INST. STICKER
42	1	P-140	626 & 626SPL ROPE GRIPPER LABEL
43	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
44	6	5/8 - 11 UNC x 2	HEX HEAD CAP SCREW
45	6	5/8 WASHER	STANDARD LOCK
46	6	5/16 - 18 UNC x 2.25	SOCKET HEAD CAP SCREW
47	6	5/16 WASHER	STANDARD LOCK
48	2	#10-32 UNF x 0.375	SOCKET HEAD CAP SCREW
49	2	#10-32 UNF x 0.875	SOCKET HEAD CAP SCREW
50	8	#10 LOCK WASHER	STANDARD LOCK WASHER
51	1	10-32 UNF x 0.25	SET SCREW
52	2	1/4 - 20 UNC x 1.5	HALF DOG SET SCREW
53	4	#10-24 UNC x 0.5	SOCKET HEAD CAP SCREW
54	8	#10-24 UNC x 0.5	WHIZ BOLT
55	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER

Weight - Pumping Unit: 29.2 lbmass
Weight - Rope Gripper: 216.29 lbmass

F	CYL P/N CORRECTED TO 610-035, PUR #724	LTL	11/5/13	HOLLISTER-WHITNEY ELEVATOR CO. "ROPE GRIPPER" ASSEMBLY			
E	COIL P/N CORRECTED, PUR #622	LTL	11/5/13				
D	REDRAW, PUR #594	BLG	6/5/13	SEE PARTS LIST			
C	REVISED PART NUMBERS, PUR #426	BDM	8/24/10				
B	PUR #359		8/21/06	LTL	N/A	DATE	5/27/2004
G	PUR #349		6/25/03	SHEET SIZE	C		

DIMENSIONAL TOL.
1 PLACE ±0.01, 2 PLACE ±0.005
3 & 4 PLACE ±0.001, ANGLES ±0.1
REF., OPEN, (NOMINAL) ±0.0156

626



Weight - Pumping Unit: 29.2 lbmass
Weight - Rope Gripper: 216.29 lbmass

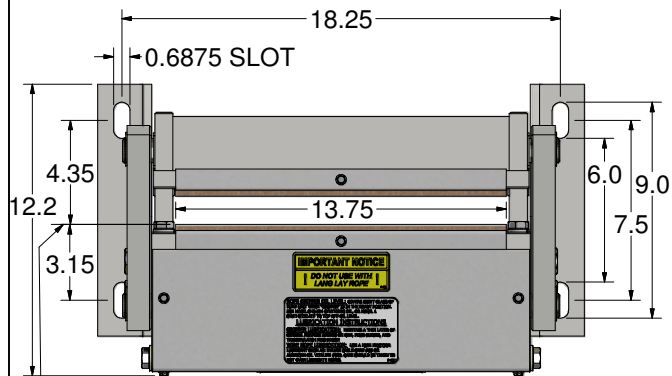
SEE PREVIOUS PAGE
FOR REVISIONS

HOLLISTER-WHITNEY ELEVATOR CO.

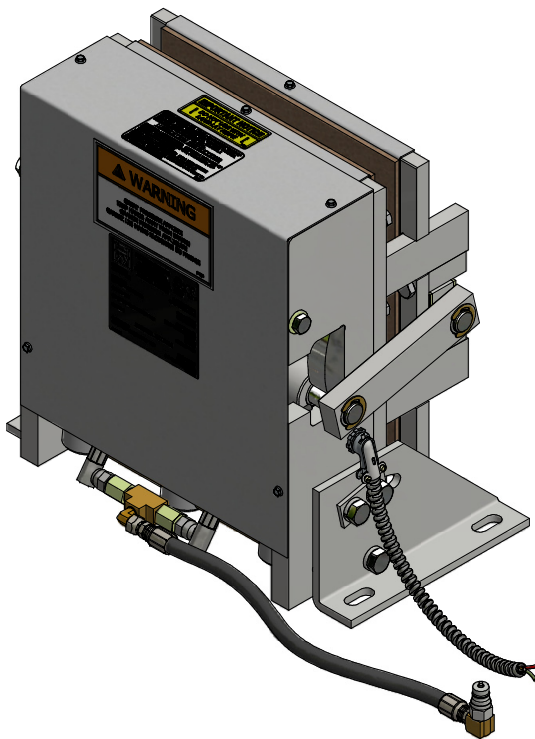
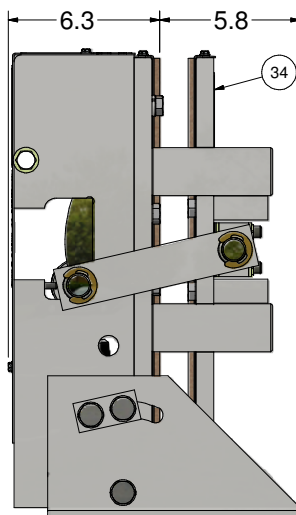
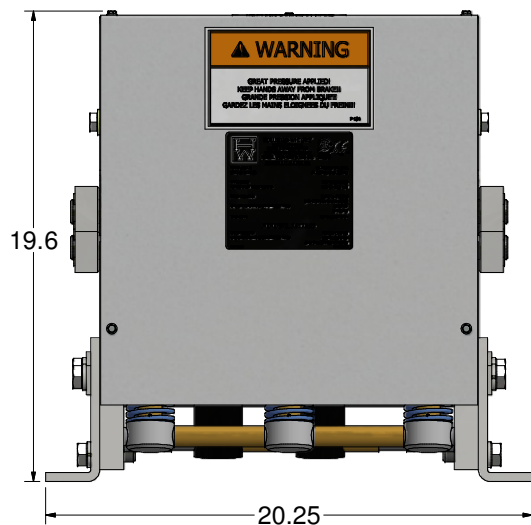
TITLE
"ROPE GRIPPER" ASSEMBLY

DRAWN BY LTL
SCALE N/A
SHEET C
DATE 5/27/2004

DIMENSIONAL TOL.
1 PLACE ± 0.01 ; 2 PLACE ± 0.005
3 & 4 PLACE ± 0.001 ; ANGLES $\pm 0.1^\circ$
REF., OPEN, (NOMINAL) ± 0.0156



PAD POSITION REFERENCE;
CENTERLINE OF ROPE WILL
VARY WITH ROPE SIZE



NOTE:

QTY FOR ITEMS 4, 5 & 6 ARE AS NEEDED PER ROPE THICKNESS USED

ALL DIMENSIONS NOMINAL UNLESS OTHERWISE NOTED
REFERENCE DIMENSIONS SHOW TO AID IN SETUP AND INSTALL

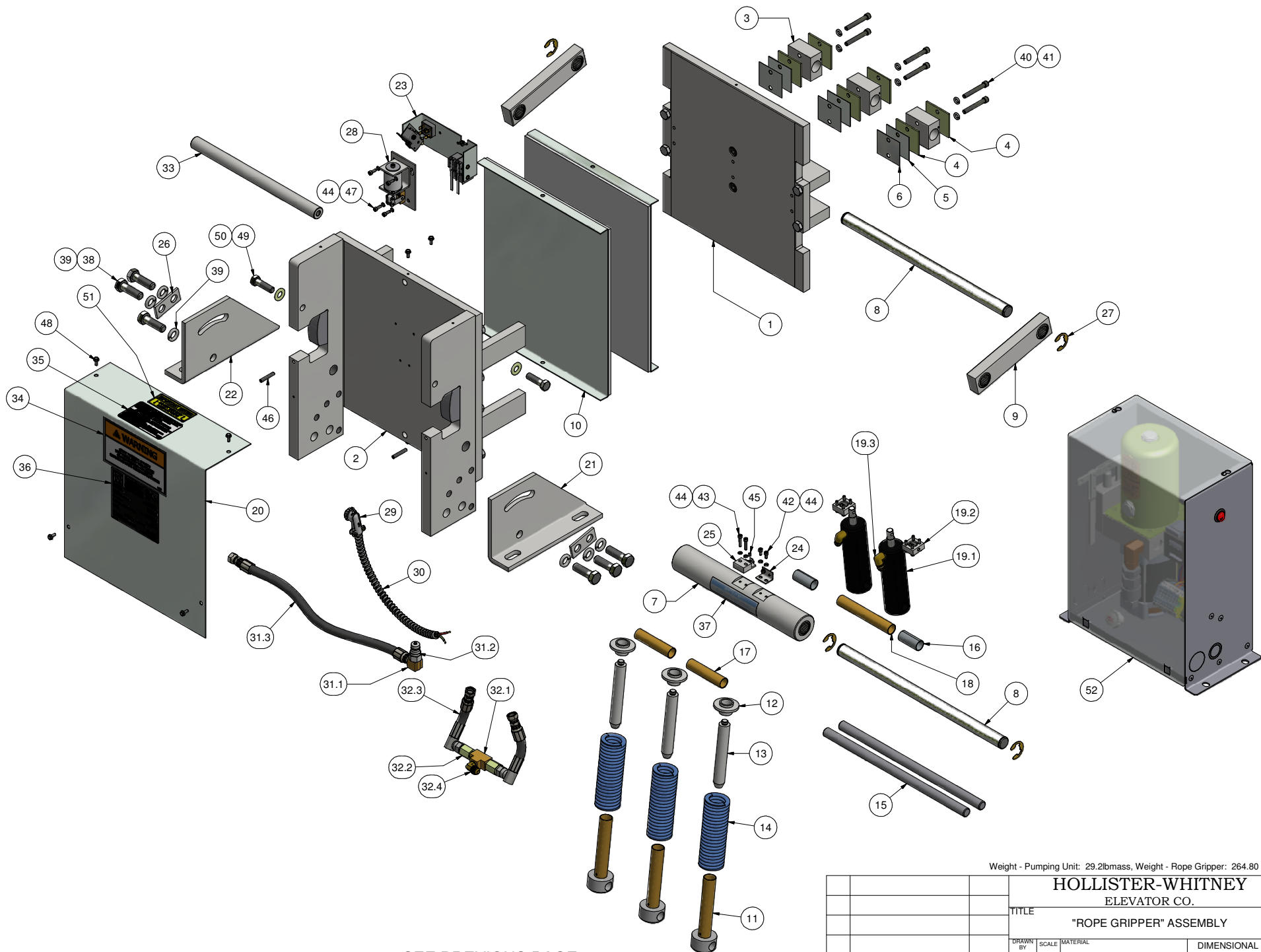
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	626-002-SPL	MOVABLE SHOE ASSEMBLY
2	1	626-003-SPL	STATIONARY SHOE ASSEMBLY
3	3	610-007 SPL	SHAFT SUPPORT BLOCK
4		610-008	SPACER - LINING WEAR
5		610-008-1	SPACER (16 Ga) - LINING WEAR
6		610-008-2	SPACER (22 Ga) - LINING WEAR
7	1	626-015-SPL	TUBING ASSEMBLY
8	2	626-018-SPL	SHAFT - ROTATING & NON-ROTATING
9	2	610-020	CONNECTING ARM ASSEMBLY
10	2	610-022-SPL	LINING ASSEMBLY
11	3	600-025	LOWER SPRING GUIDE ASSEMBLY
12	3	600-027	UPPER SUPPORT - SPRING
13	3	600-029	GUIDE - UPPER SPRING SUPPORT
14	3	600-030	SPRING
15	2	626-031-SPL	SHAFT
16	2	601-032	TUBING - SPACER
17	2	626-033-SPL	TUBING - SPACER
18	1	626-032-SPL	TUBING - SPACER
19.1	2	610-035	HYDRAULIC CYLINDER
19.2	2	622-036	PIVOT BRACKET ASSEMBLY
19.3	2	610-087	PARKER #149F-6-4 MALE ELBOW
20	1	626-040-SPL	COVER - ROPE GRIPPER
21	1	610-041 R	ANGLE, R.H. - MOUNTING
22	1	610-041 L	ANGLE, L.H. - MOUNTING
23	1	622-050	MICROSWITCH/SOLENOID ASSEMBLY
24	1	600-051	ACTUATING ANGLE w/SCREWS
25	1	601-078	LATCH
26	2	610-095	WASHER - DOUBLE BOLT
27	4	610-085	E-CLIP (TRUARC) X5133-98
28	1	RG-0003N	SOLENOID LOCKING UNIT
29	1	600-082	3/8" 90° BOX CONNECTOR
30	1	600-081	CONDUIT - FLEXIBLE (1/2")
31.1	1	610-091	3-8 x 3-8 NPT STREET 90 DEG. ELBOW
31.2	1	620-038	QUICK DISCONNECT CUTTING
31.3	1	610-037	HOSE ASSEMBLY
32.1	1	610-086	3/8 NPT TEE
32.2	2	622-115	3/8 NPT EXTENSION
32.3	2	626-092	HOSE ASSEMBLY
32.4	1	610-088	BRASS 90° ELBOW, 45° F. H 5/8"-18 X 3/8 NPTF 18
33	1	626-097 SPL	BAR - SUPPORT
34	2	P-134	ROPE GRIPPER WARNING LABEL - LARGE
35	1	P-137	GRIPPER LUBE INST. STICKER
36	1	P-140	626 & 626SPL ROPE GRIPPER LABEL
37	1	P-141	IMPORTANT LABEL - APPLIED TO TUBING
38	6	5/8 -11 UNC x 2	HEX HEAD CAP SCREW
39	6	5/8 WASHER	STANDARD LOCK
40	6	5/16 - 18 UNC X 2.25	SOCKET HEAD CAP SCREW
41	6	5/16 WASHER	STANDARD LOCK
42	2	#10-32 UNF x 0.375	SOCKET HEAD CAP SCREW
43	2	#10-32 UNF x 0.875	SOCKET HEAD CAP SCREW
44	8	#10 LOCK WASHER	STANDARD LOCK WASHER
45	1	10-32 UNF x 0.25	SET SCREW
46	2	1/4-20 UNC X 1.5	SET SCREW
47	4	#10-24 UNC x 0.5"	SOCKET HEAD CAP SCREW
48	8	#10-24 UNC x 0.5	WHIZ BOLT
49	2	1/2 - 13 UNC x 1.75"	HEX HEAD CAP SCREW
50	2	1/2" WASHER	STANDARD WASHER
51	1	P-192	IMPORTANT NOTICE - LANG LAY ROPES, ROPE GRIPPER
52	1	620-100	PUMPING UNIT

Weight - Pumping Unit: 29.2lbmass, Weight - Rope Gripper: 264.80 lbmass

F	610-087 CORRECTED TO 610-088, PUR #815	LTL 12/8/16	HOLLISTER-WHITNEY ELEVATOR CO.	
E	ADD PAD POSITION REFERENCE DIM, PUR #798	LTL 10/7/16		
D	COIL P/N CORRECTED, PUR #622	LTL 11/5/13	"ROPE GRIPPER" ASSEMBLY	
C	REDRAW, PUR # 594	BLG 6/3/13		
B	REVISED PART NUMBERS, PUR # 426	BDM 8/24/10	SEE PARTS LIST	
A	PUR #359	1/2/07		
G	ADD STICKER P-192, PUR #838	LTL 2/9/17	BLG NA	DATE 5/29/2013
			SHEET SIZE C	9166

DIMENSIONAL TOL.
1 PLACE ±0.01, 2 PLACE ±0.005
3 & 4 PLACE ±0.001, ANGLES ±0.1
REF., OPEN, (NOMINAL) ±0.0156

626-SPL

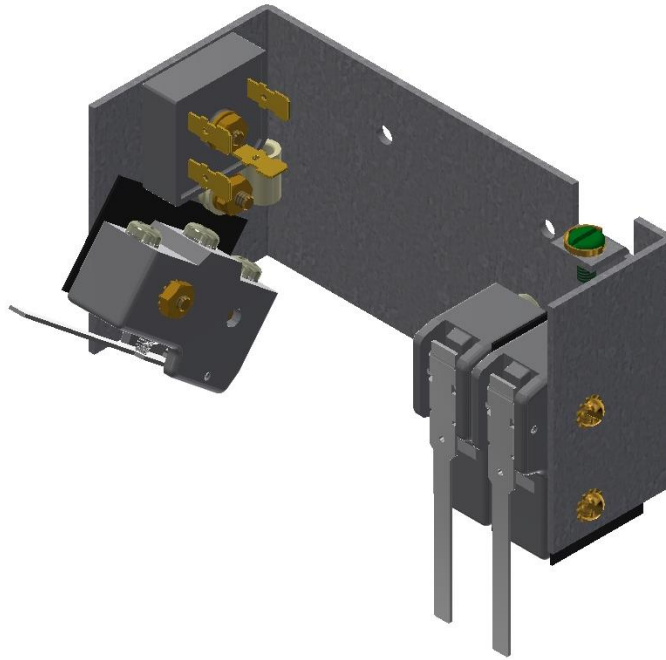


SEE PREVIOUS PAGE
FOR REVISIONS

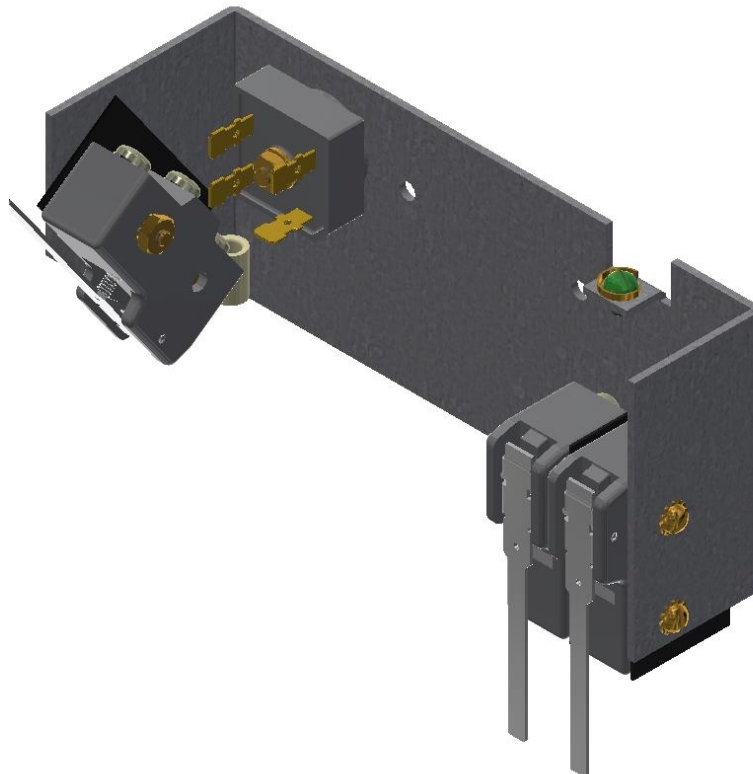
Weight - Pumping Unit: 29.2lbmass, Weight - Rope Gripper: 264.80 lbmass

HOLLISTER-WHITNEY			
ELEVATOR CO.			
TITLE "ROPE GRIPPER" ASSEMBLY			
DRAWN BY	SCALE	MATERIAL	
BLG	N/A	SEE PARTS LIST	
SHEET SIZE	C	DATE	5/29/2013
			DIMENSIONAL TOL. 1 PLACE ± 0.01 ; 2 PLACE ± 0.005 3 & 4 PLACE ± 0.001 ; ANGLES $\pm 0.1^\circ$ REF., OPEN, (NOMINAL) ± 0.0156
			626-SPL

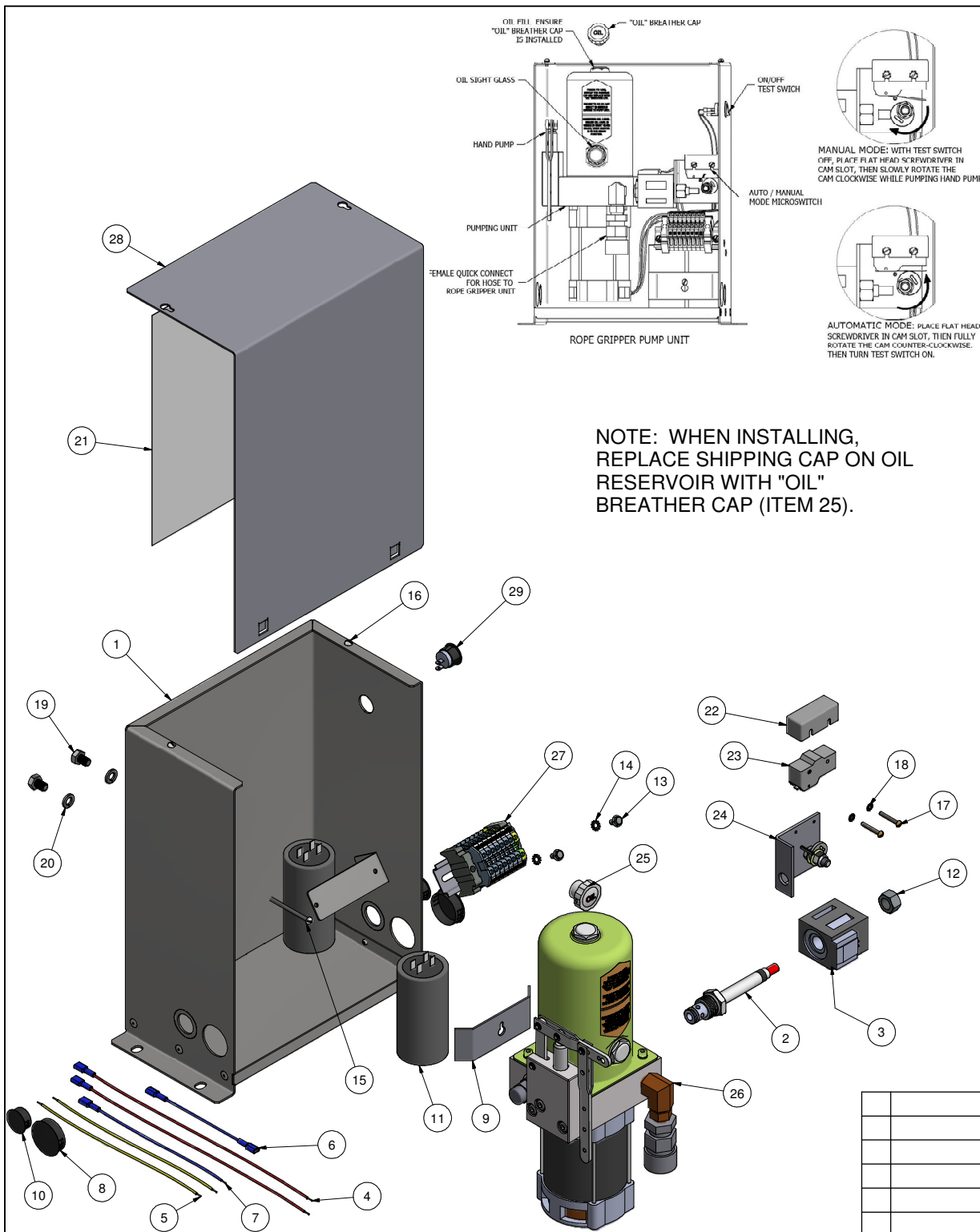
	Document Name	Date	Rev.	Page	Bulletin
	Rope Gripper Prints & Parts List Supplement	11/14/19	A	44 of 45	1144S



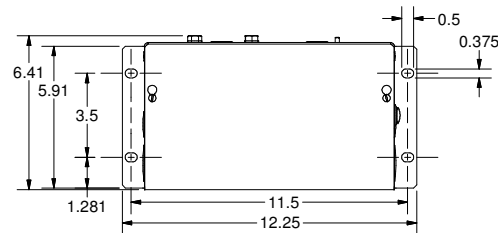
620-050 Switch Assembly - See 620-064 for Switch Part Numbers



622-050 Switch Assembly - See 622-064 for Switch Part Numbers



PARTS LIST				
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	620-600	BOX ASSEMBLY, 620 PUMPING STATION	
2	1	620-205	VALVE, EATON VICKERS SV-10-OP-0 W/O NUT	
3	1	622-206	PUMPING UNIT DUMP VALVE COIL	
4	2	620-620	12" WIRE, 18AWG STRANDED, RED w/F. SHIELDED CONNECTOR	
5	2	620-621	9" WIRE, 18AWG STRANDED, YELLOW	
6	1	620-622	4" WIRE, 18AWG STRANDED, BLUE w/F. SHIELDED CONNECTORS	
7	1	620-623	7" WIRE, 18AWG STRANDED, BLUE w/F. SHIELDED CONNECTOR	
8	2	620-624	LOCKING HOLE PLUG	
9	1	620-625	CAPACITOR MOUNTING BRACKET	
10	2	201-032	LOCKING HOLE PLUG	
12	1	1/2-20 NUT	1/2-20 UNF HEX NUT	
13	2	#10-32 UNF x 0.375"	WHIZ BOLT	
14	2	#10 WASHER	EXTERNAL TOOTH LOCK WASHER	
15	1	#8 - 32 UNC x 2.375"	ROUND HEAD MACHINE SCREW	
16	2	#8 - 32 UNC x 1/4"	ROUND HEAD MACHINE SCREW	
17	2	#6-32 UNC X 1"	BRASS MACHINE SCREW	
18	2	#6 WASHER	EXTERNAL STAR LOCK WASHER	
19	2	M8 -1.25 X 12MM	HEX HEAD CAP SCREW	
20	2	8mm WASHER	STANDARD LOCK WASHER	
11	2	CAP-0131N	CAPACITOR, 124-148 µF 250 VAC 50/60 Hz	
21	1	LABEL-0097N	LABEL, 620 ROPE GRIPPER	
22	1	MICS-0016N	SWITCH COVER	
23	1	MICS-0017N	BZ-2RW824-A2 MICROSWITCH	
24	1	RG1-0002N	AUTO/MANUAL MICROSWITCH ASS'Y	
25	1	RG1-0003N	OIL RESERVOIR BREATHER CAP	
26	1	RG1-0004N	GYG PUMP AND OIL RESERVOIR ASS'Y	
27	1	RG1-0005N	TERMINAL ASS'Y, 620 PUMPING STATION	
28	1	RG1-0009N	COVER, 620 ROPE GRIPPER PUMPING STATION	
29	1	SW-0081N	ON-OFF SWITCH, SPST 10A 125V	



SCALE 1 / 4

(B) SHIPPING WEIGHT: 33 lbs
WEIGHT: 29.2 lbmass

D		UPDATE PARTS LIST AND LTL MODEL, ADD WIRE PART	5/23/18	HOLLISTER-WHITNEY ELEVATOR CO. LLC	
C		WASHERS, PUR #968 620-600, 620-205, 622-206 WAS RG1-0010N,	LTL 2/23/18		
B		RG-0099N, RG-0087N, ADD 622-207, PUR #923 ADD WT, SHIPPING & INSTALLED, PUR #798	LTL 9/20/16	PUMPING UNIT - 620 THRU 626 ROPE GRIPPER	
A		PRODUCTION PRINT, PUR #602	BLG 4/3/13	SEE PARTS LIST	
				DATE	620-100
				4/3/2013	SHEET 1 OF 1