


	Table of Contents
Machine Serial Number:	1019579
Customer:	Rheem Laredo
Machine Description:	DataFill RV-2490 Dual Refrigerant Charger
Page Number	Description
000	Air Distribution
001	Refrigerant Charge Station Mechanical
002	Refrigerant Charge Tooling
003	Refrigerant Charge Tooling
010	Base High Voltage Enclosure 480VAC
011	Blank
012	Blank
013	Base High Voltage Enclosure 120 VAC Power Distribution
014	120VAC Control Wiring
015	Low Voltage Power Distribution
016	Low Voltage Control Wiring
020	Control Drawing Digital Inputs/ Outputs
021	Control Drawing Analog Inputs/ HSC
022	Control Drawing Digital Inputs/ Outputs
R000	Communication Overview
R001	UPS Power Distribution
R002	Additional Cable Connections
R003	Tool Connection Point Wiring
R004	Tool Connection Point Wiring
R005	Vacuum Transducer Wiring
R006	Pressure Transducer Wiring
R007	Pressure Switch Wiring
R008	Certifications and Labels
L01	High Voltage Enclosure/ Panel Layouts and BOM
L02	Low Voltage Enclosure/ Panel Layouts and BOM

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4	AS-BUILT AFTER CUSTOMER CHANGES	10/24/2022	ALP	
				JOB#: 020439-1-1
DRAWN BY JK		DATE		
APP'D BY JKS		6/23/2022		

MACHINE SERIAL NUMBER: 1019579

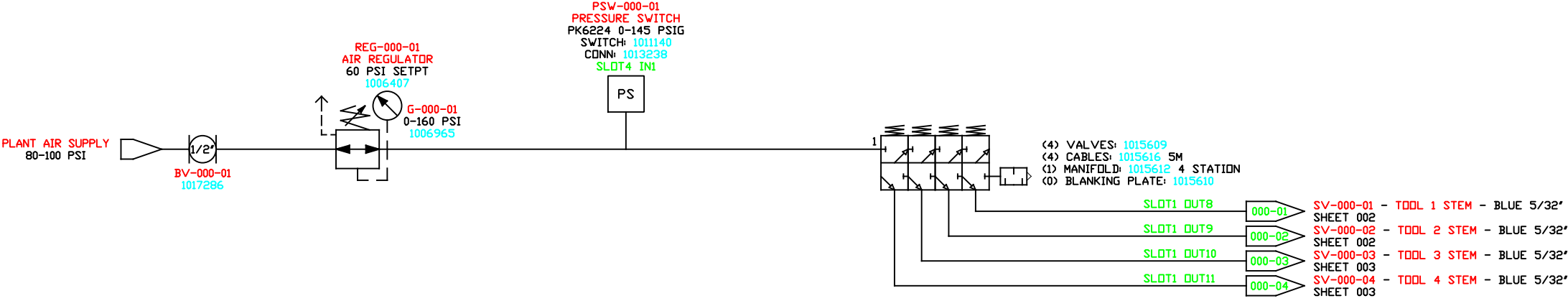
SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

JOB#: 020439-1-1

EPICOR: 020439-1-1


SIZE	DRAWING NO.	SHEET
	1019579	TDC



AIR DISTRIBUTION

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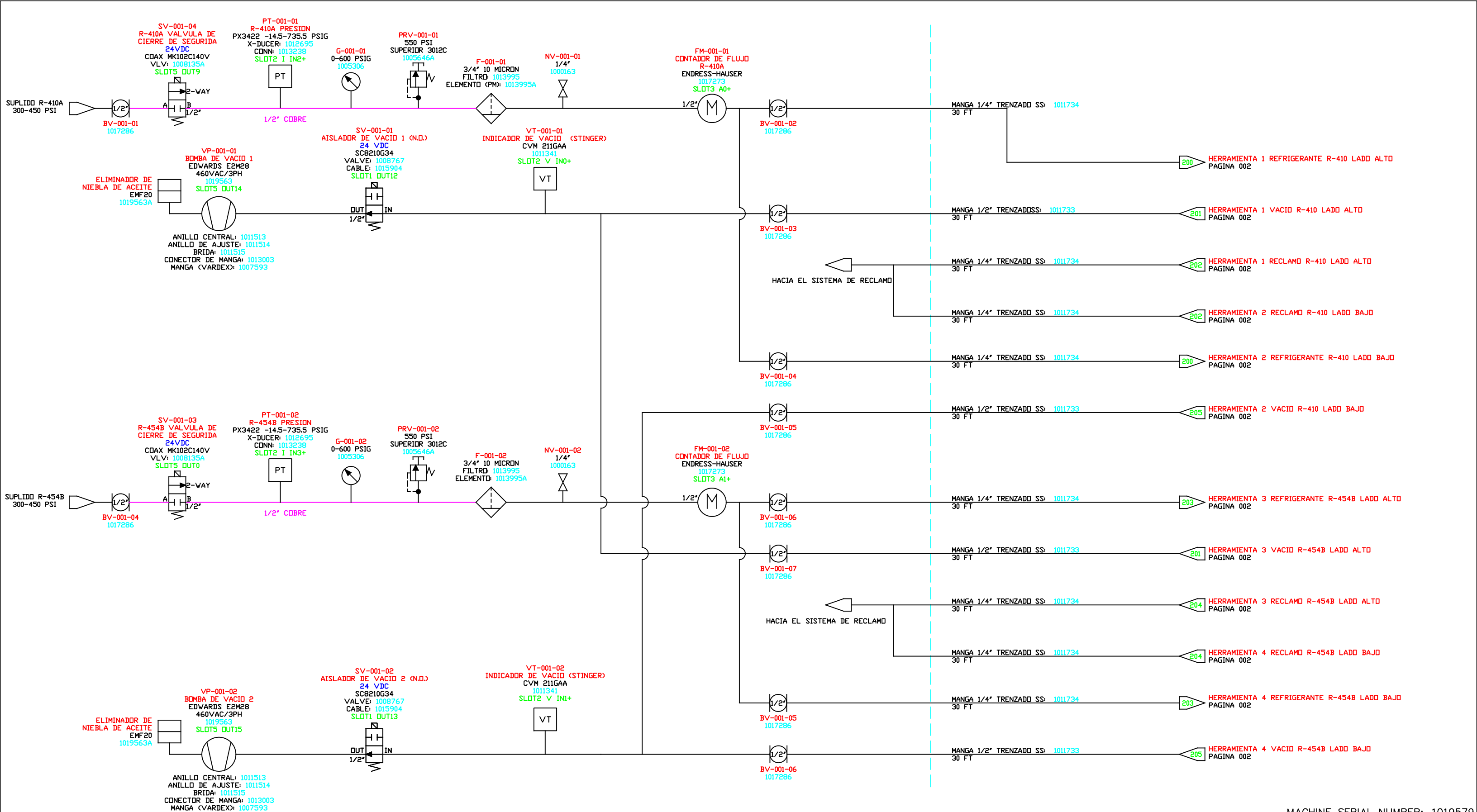
SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1

DRAWING NO. 1019579

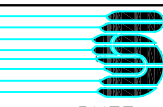
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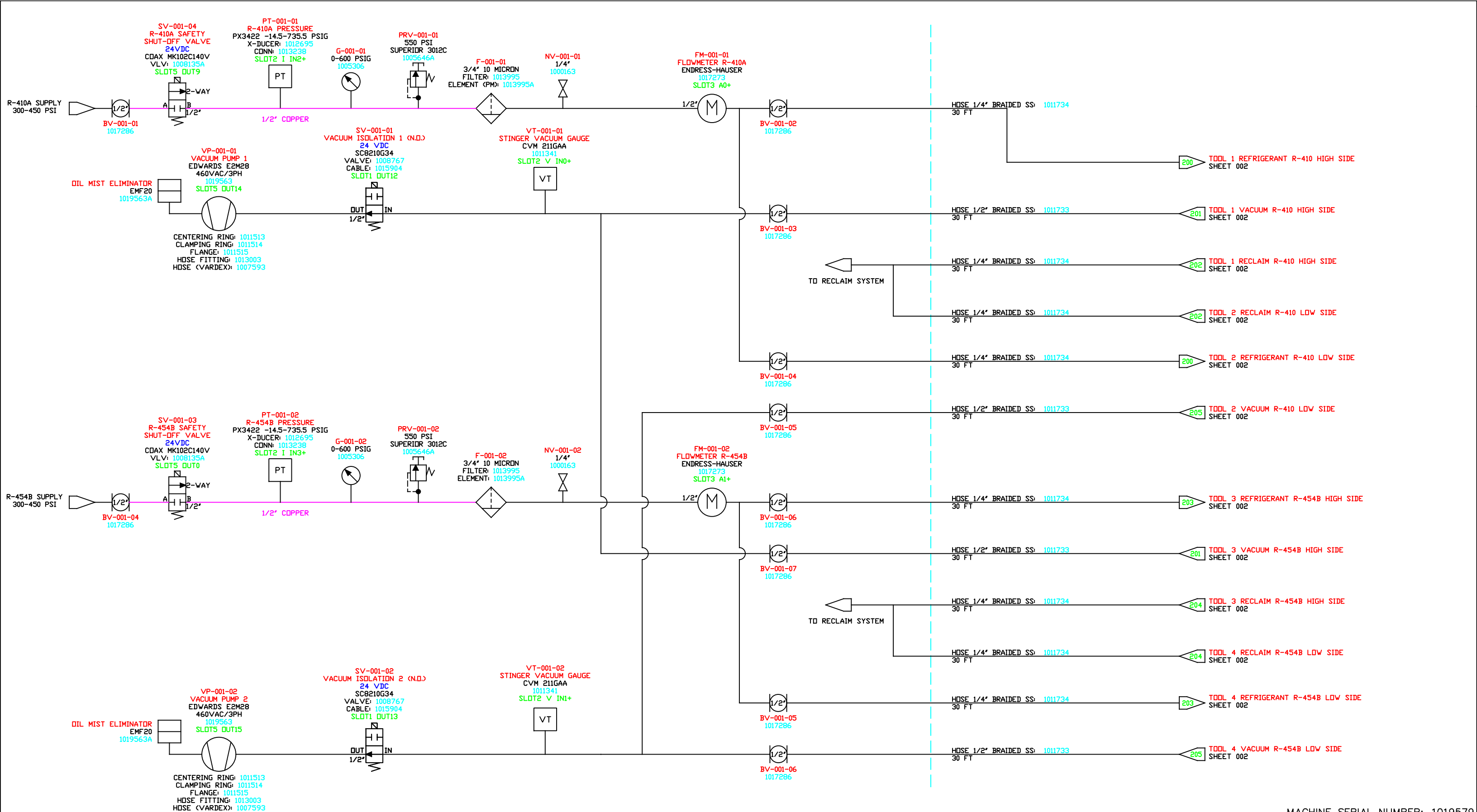


ESTACION DE CARGA DE REFRIGERANTE MECANICO

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JOB#: 020439-1-1	DATE: 6/23/2022
DRAWN BY: JK	APP'D BY: JKS

MACHINE SERIAL NUMBER: 1019579	
 SERV-I-QUIP, INC.	
RHEEM MANUFACTURING NUEVO LAREDO, MEXICO DATAFILL RRV-2490 REFRIGERANT CHARGER	
EPICOR: 020439-1-1	
SIZE	DRAWING NO. 1019579
SHEET 001	



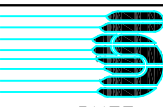
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SERV-I-QUIP, INC.
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

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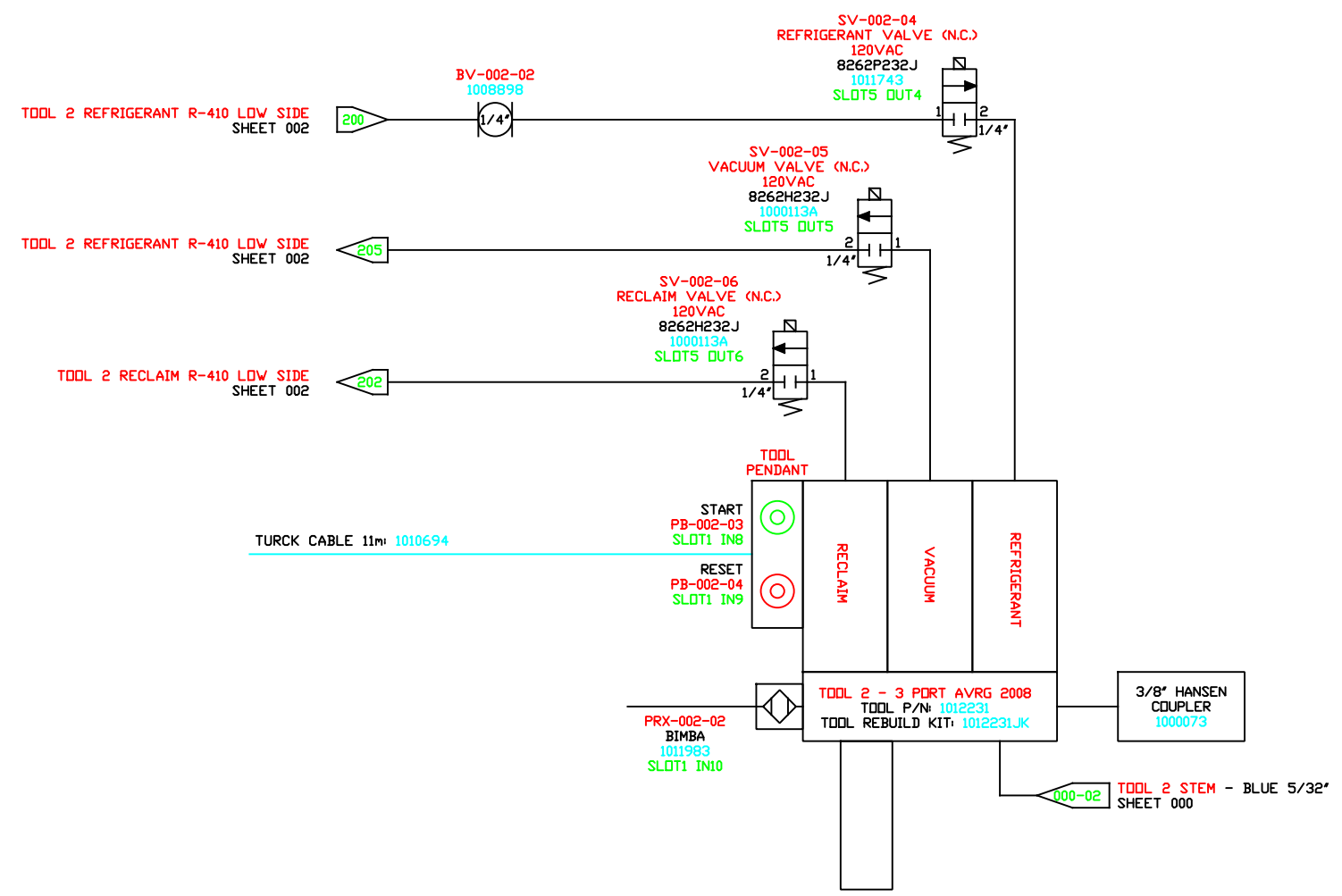
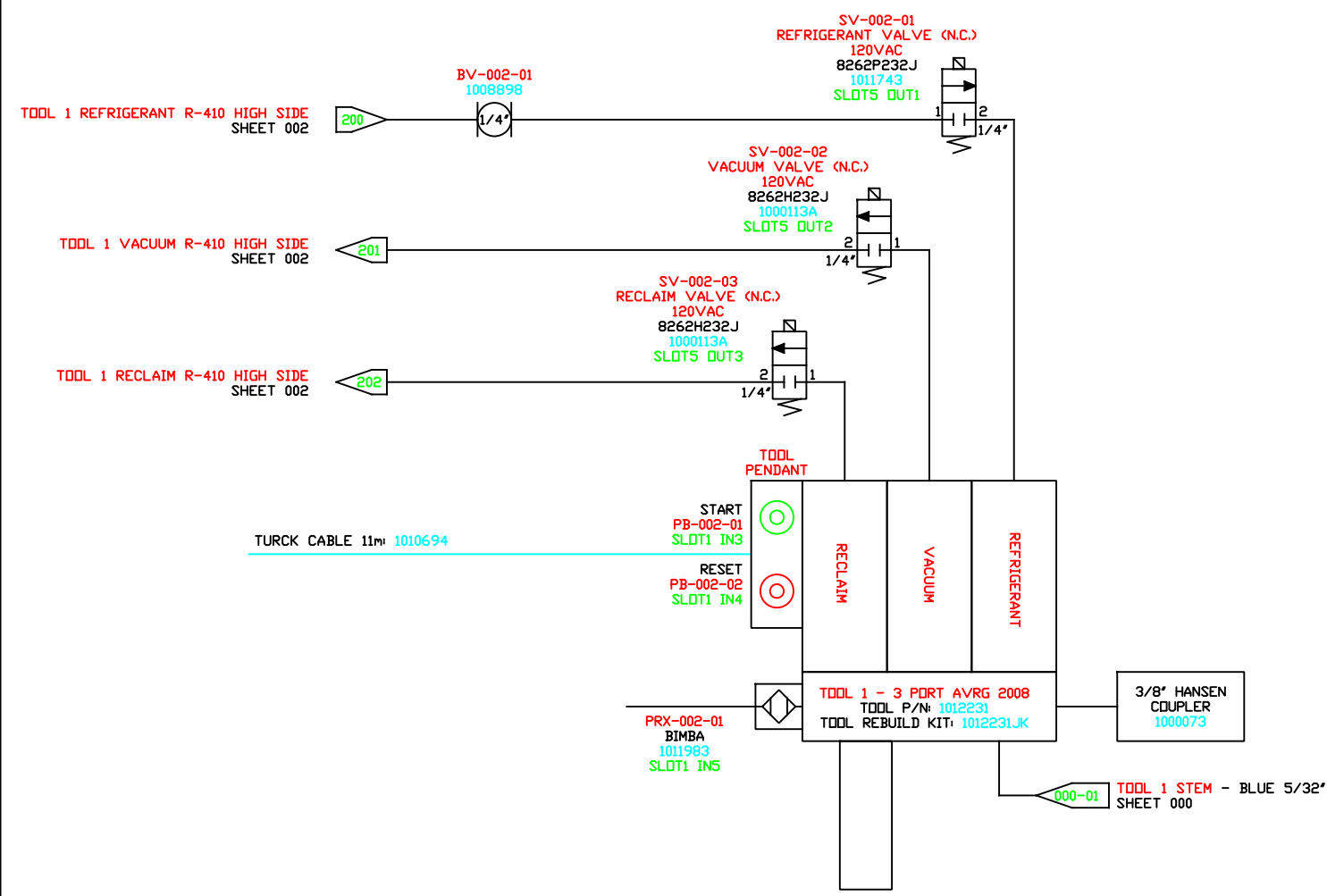
SIZE

DRAWING NO.
1019579

SHEET
001

TOOL 1
3 PORT AVRG 2008
R-410A HIGH SIDE

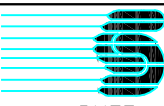
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3 PORT AVRG 2008
R-410A LOW SIDE



REFRIGERANT CHARGE TOOLING

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DRAWN BY JK			DATE	
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MACHINE SERIAL NUMBER: 1019579

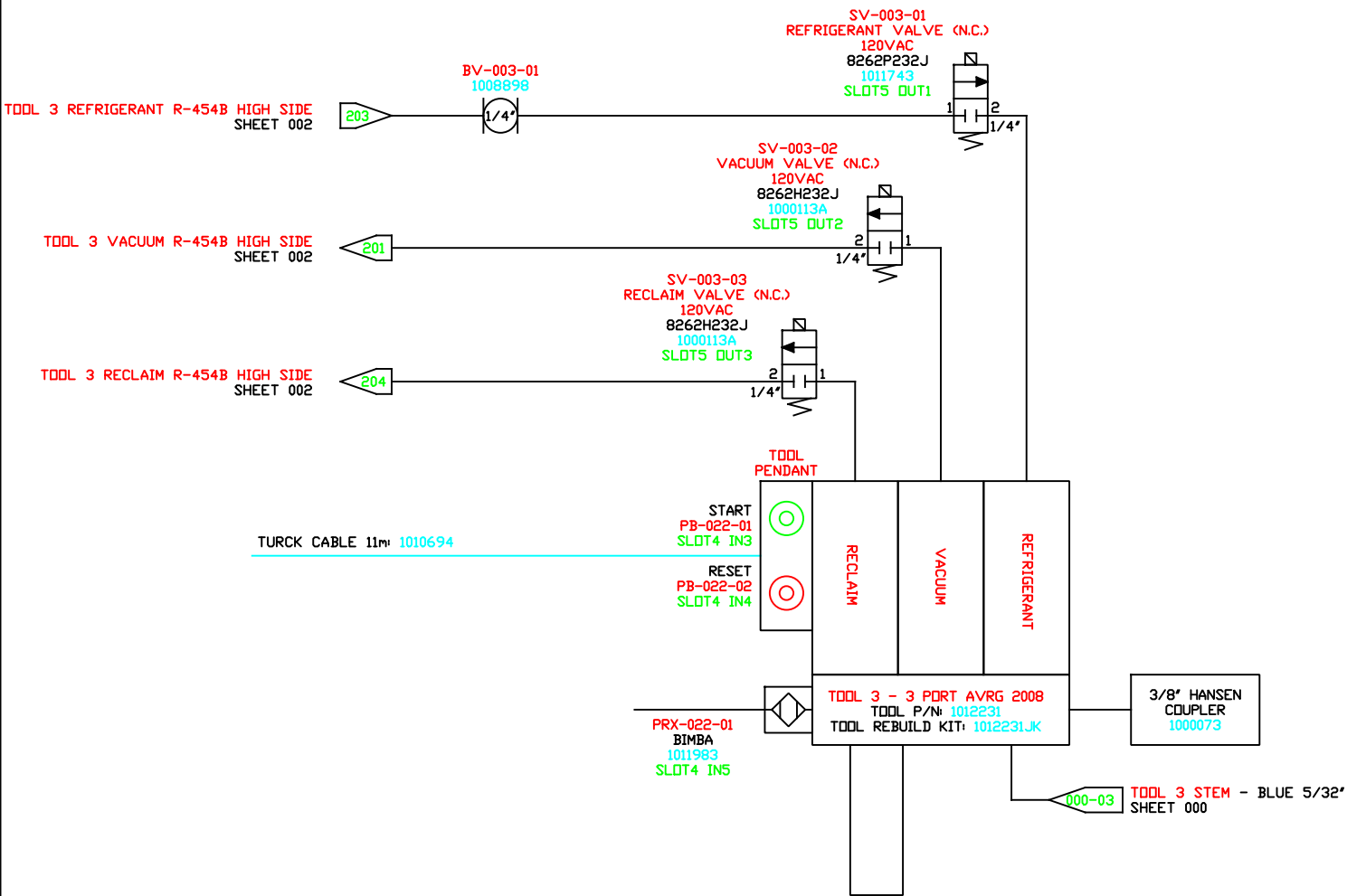


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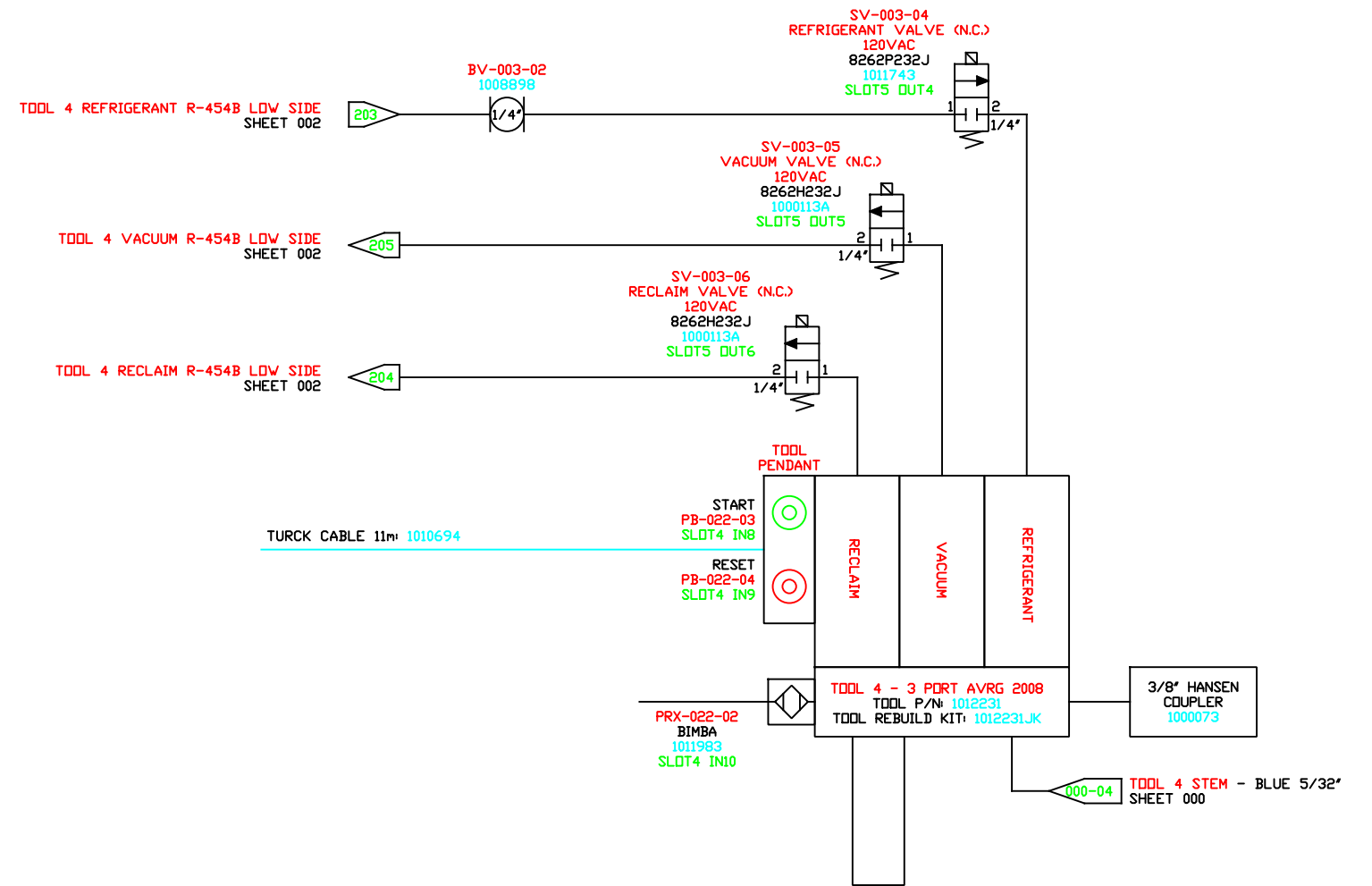
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

JOB#: 020439-1-1
EPCOR: 020439-1-1
SIZE
DRAWING NO. 1019579
SHEET 002

TOOL 3
3 PORT AVRG 2008
R-454B HIGH SIDE



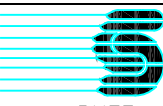
TOOL 4
3 PORT AVRG 2008
R-454B LOW SIDE



REFRIGERANT CHARGE TOOLING

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				DRAWN BY	JK	DATE	6/23/2022
				APP'D BY	JKS		

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SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

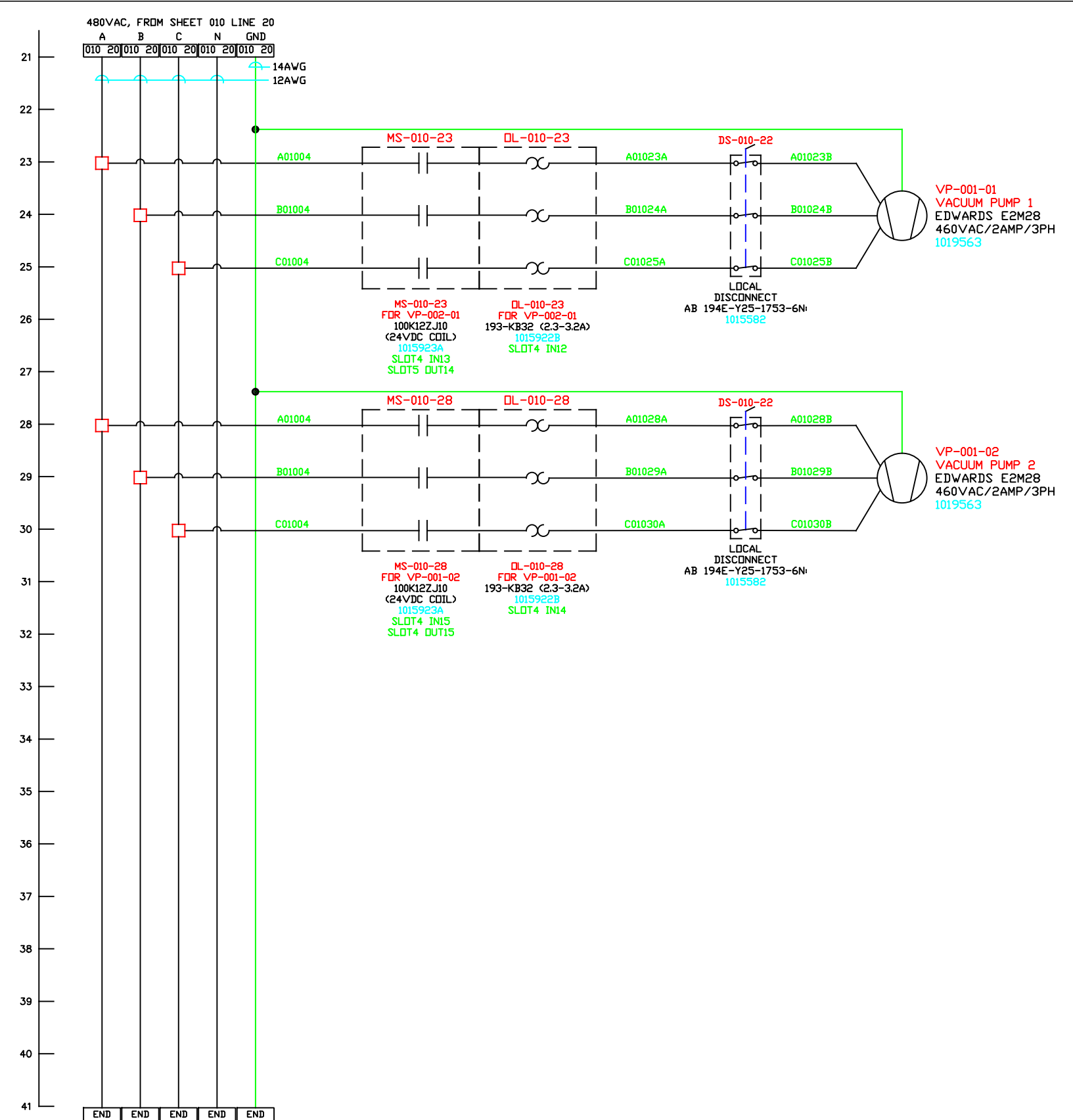
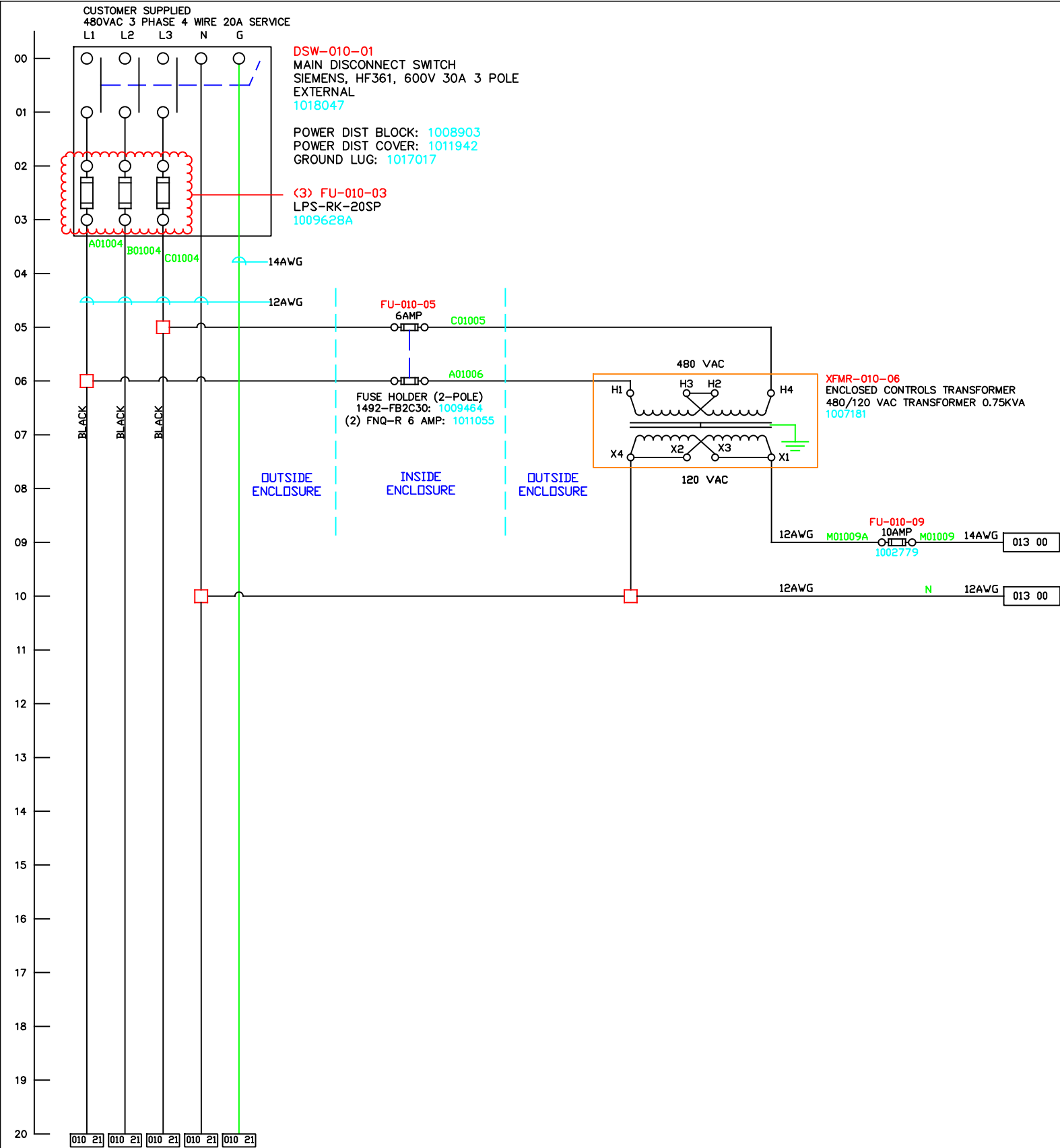
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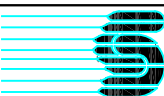
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BASE HIGH VOLTAGE ENCLOSURE 480VAC POWER DISTRIBUTION

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1	ELECTRICAL DRAWINGS UPDATE	8/4/2022	JK
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JOB#: 020439-1-1			
DRAWN BY	JK	DATE	6/23/2022
APP'D BY	JKS		

MACHINE SERIAL NUMBER: 1019579			
 SERV-I-QUIP, INC.			
RHEEM MANUFACTURING NUEVO LAREDO, MEXICO DATAFILL RRV-2490 REFRIGERANT CHARGER			
EPICOR: 020439-1-1			
SIZE	DRAWING NO.	SHEET	
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4	AS-BUILT AFTER CUSTOMER CHANGES	10/24/2022	ALP	JOB#: 020439-1-1 DRAWN BY JK DATE 6/23/2022 APP'D BY JKS

MACHINE SERIAL NUMBER: 1019579

SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER


EPICOR: 020439-1-1

SIZE
DRAWING NO. 1019579
SHEET 011

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2	CORRECTIONS FOR SHOP	8/10/2022	JK	
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4	AS-BUILT AFTER CUSTOMER CHANGES	10/24/2022	ALP	JOB#: 020439-1-1
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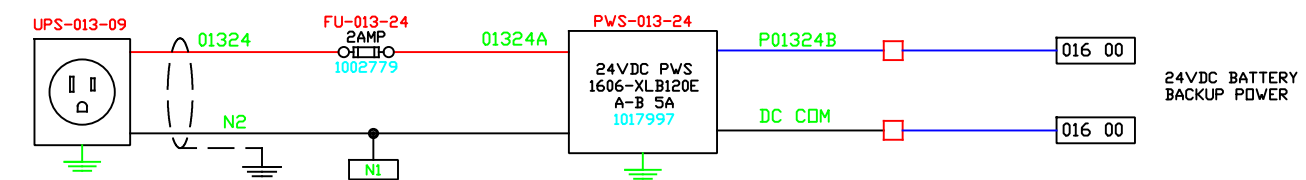
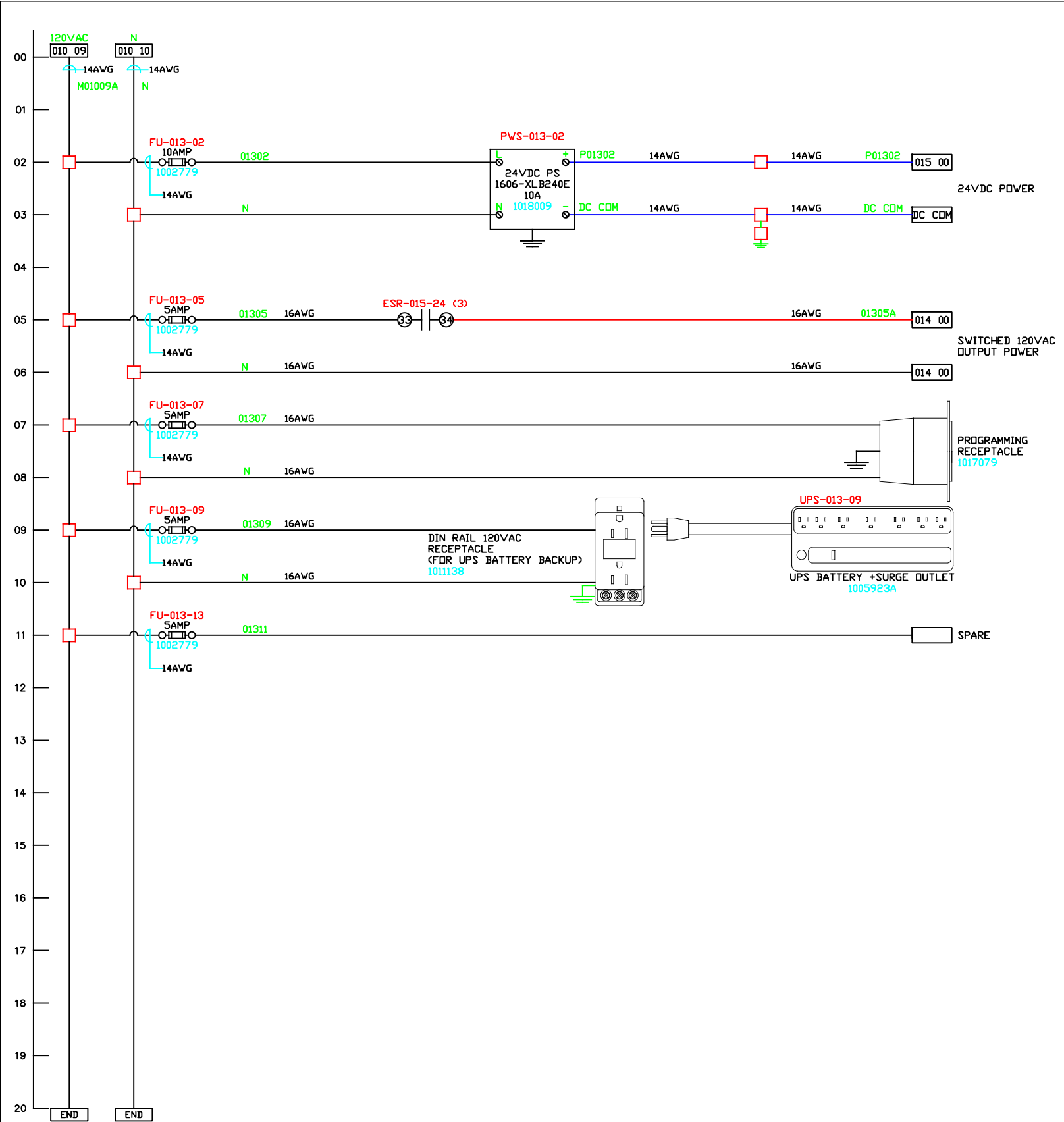
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
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER


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SIZE DRAWING NO. 1019579 SHEET 012



PANEL TO PANEL WIRING

LV TB  HV TB

HV TB  LV TB

BASE HIGH VOLTAGE ENCLOSURE 120VAC POWER DISTRIBUTION

REV	DESCRIPTION	DATE	APP'D
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JOB#: 020439-1-1

DRAWN BY JK

DATE 6/23/2022

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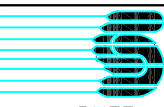
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SIZE

DRAWING NO. 1019579

SHEET 013

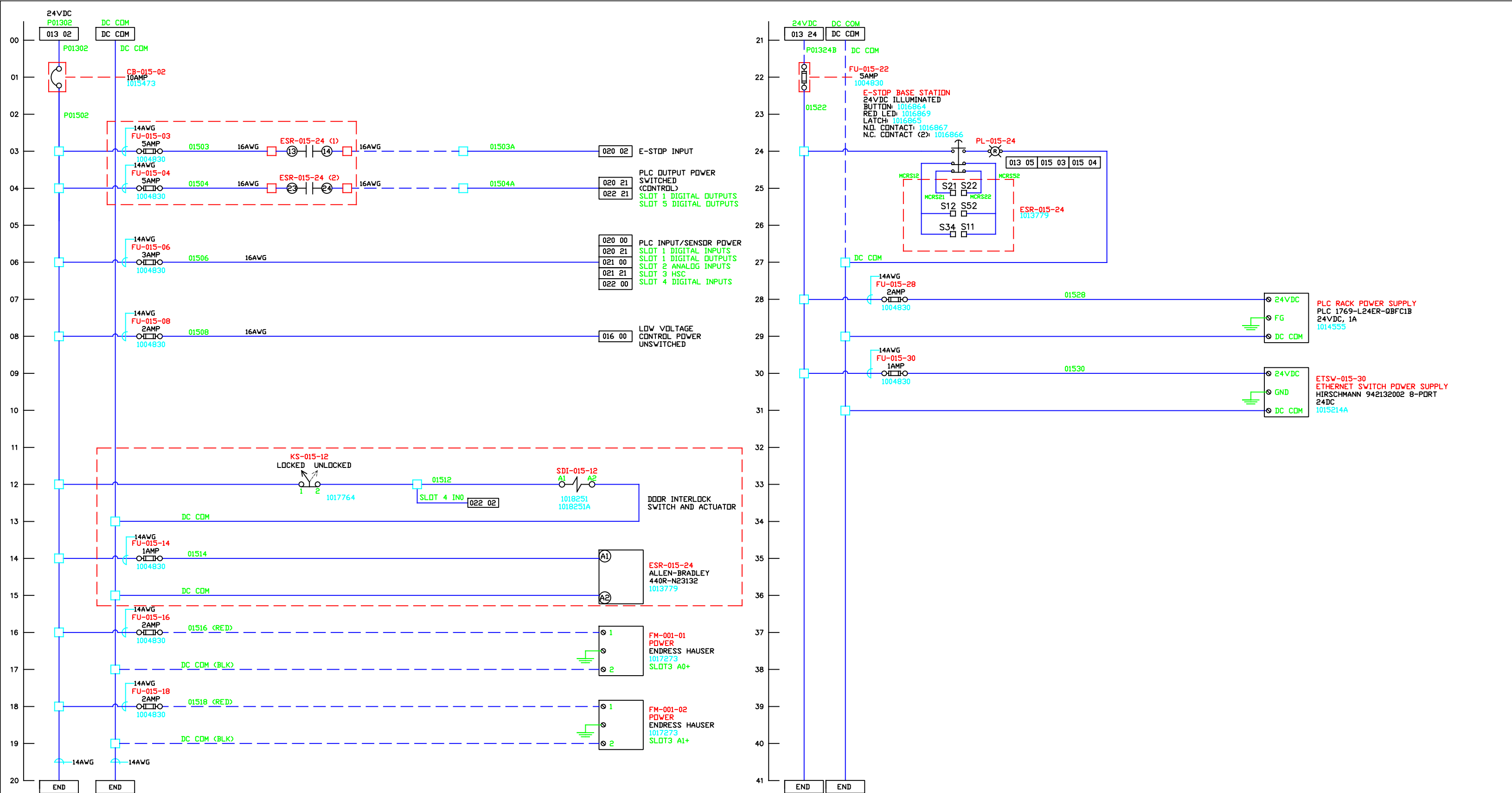
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SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1

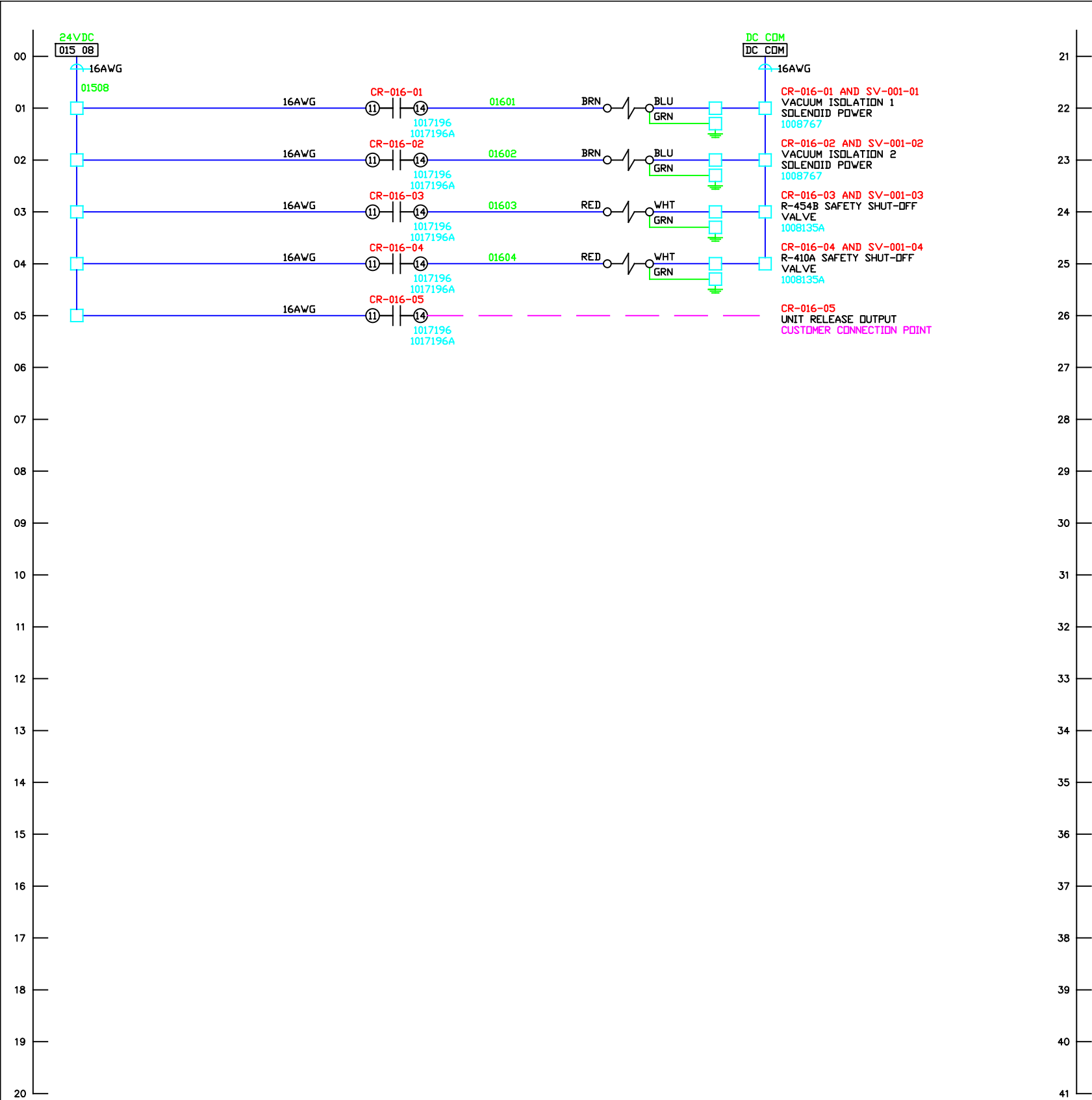


HIGH VOLTAGE ENCLOSURE

LOW VOLTAGE POWER DISTRIBUTION
ALL COMPONENTS IN LOW VOLTAGE ENCLOSURE

PANEL TO PANEL WIRING
LV TB HV TB
HV TB LV TB

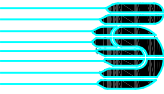
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				SERV-I-QUIP, INC.			
				RHEEM MANUFACTURING NUEVO LAREDO, MEXICO DATAFILL RRV-2490 REFRIGERANT CHARGER			
				EPICOR: 020439-1-1			
				SIZE	DRAWING NO.	SHEET	
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LOW VOLTAGE CONTROL WIRING
ALL COMPONENTS IN LOW VOLTAGE ENCLOSURE

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DRAWN BY JK		DATE		
APP'D BY JKS		6/23/2022		

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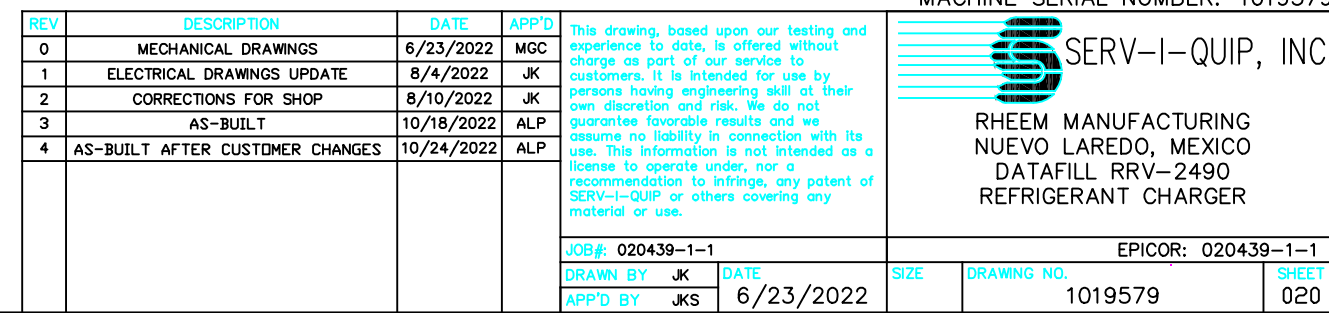
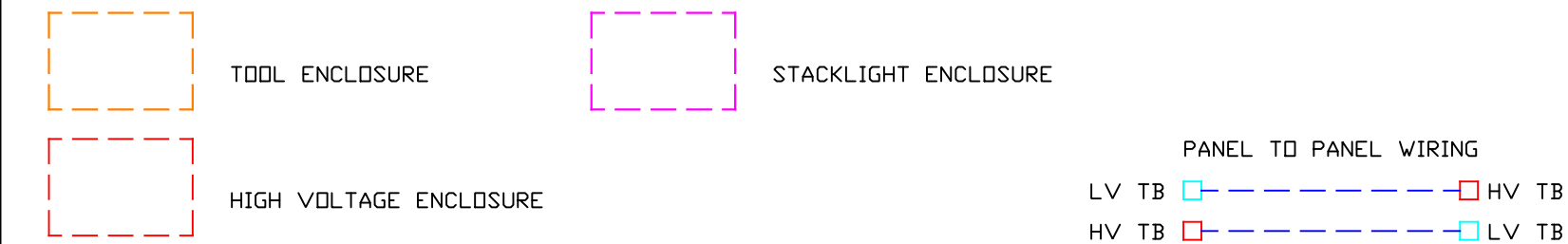


SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

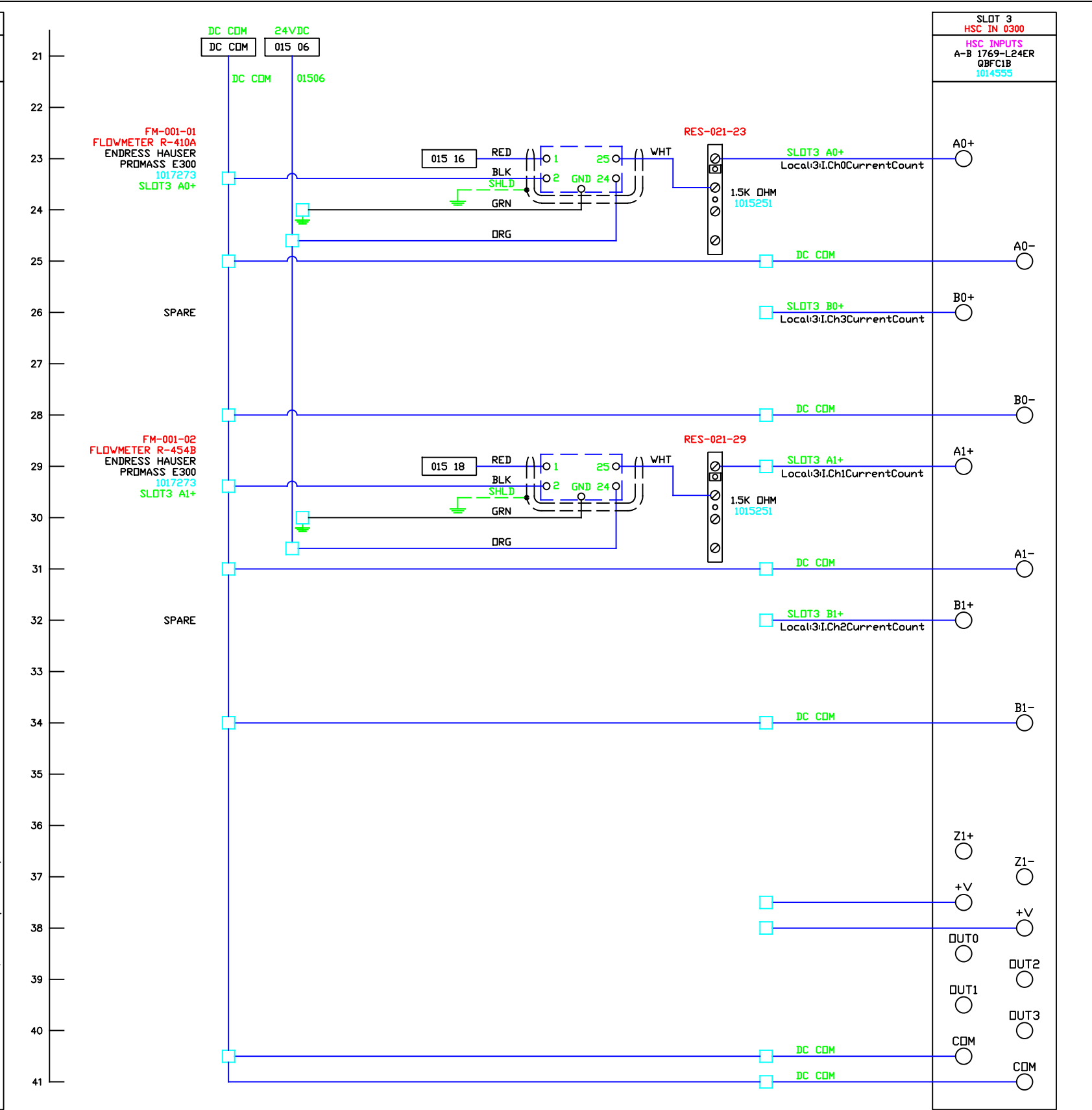
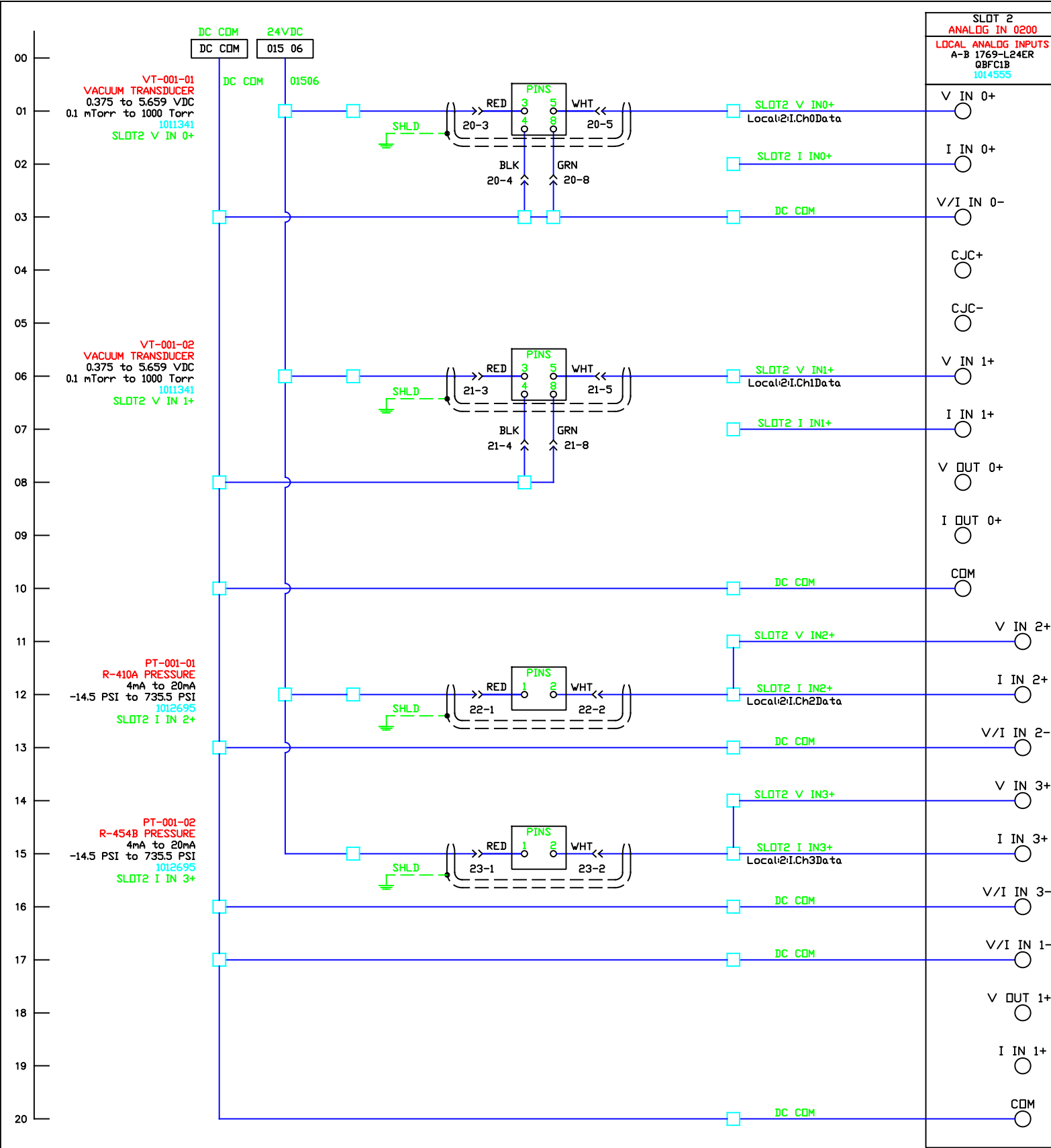
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SIZE	DRAWING NO.	SHEET
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RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

1019579	020
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PANEL TO PANEL WIRING

LV TB  HV TB 

HV TB  LV TB 

CONTROL DRAWINGS: SLOT 2 ANALOG, SLOT 3 HSC

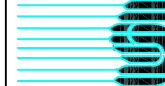
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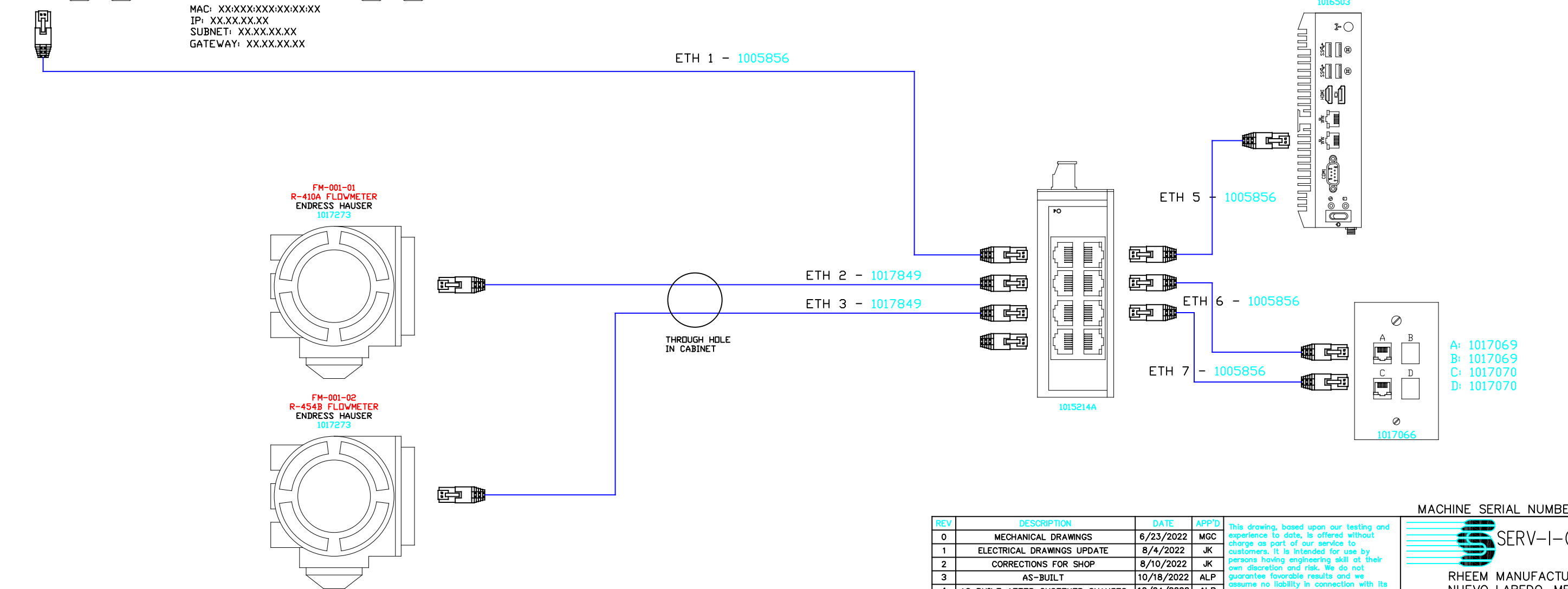
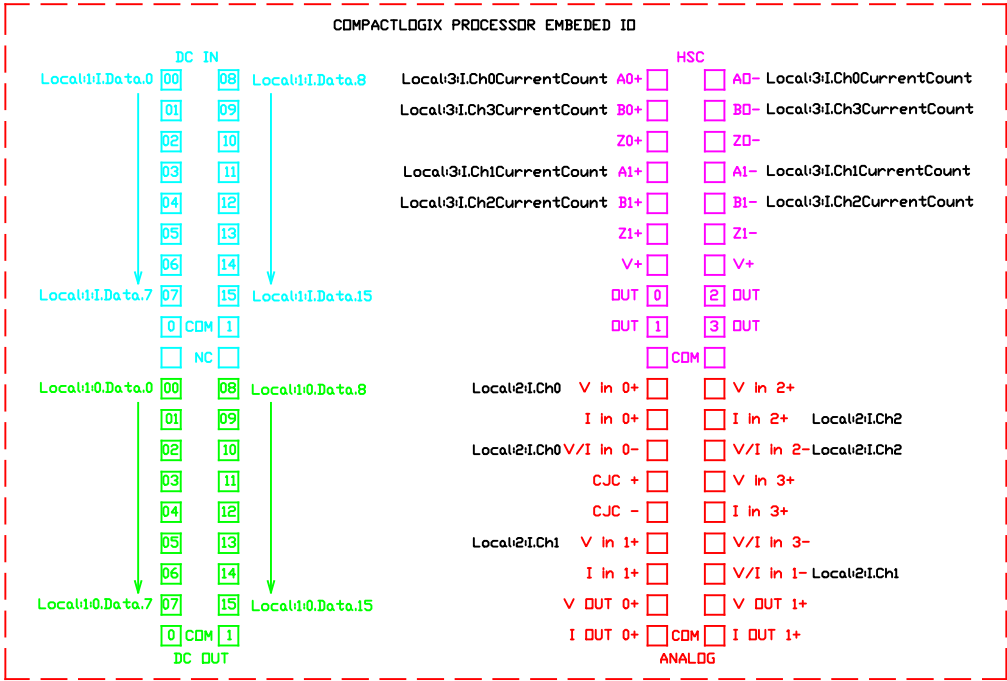
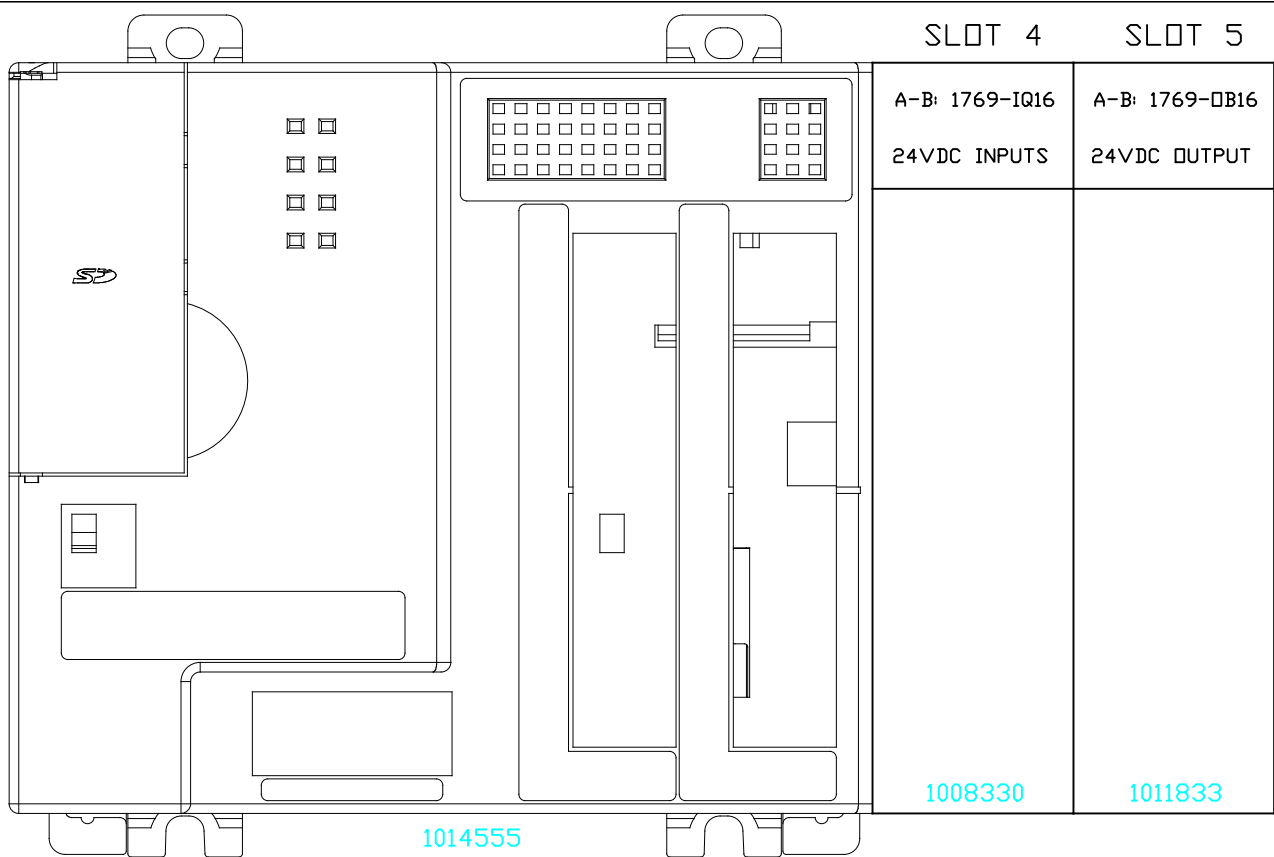
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DRAWN BY JK DATE 6/23/2022
APP'D BY JKS

SIZE
DRAWING NO. 1019579
SHEET 021

EPICOR: 020439-1-1

HIGH SPEED COUNTER 0: A0
HIGH SPEED COUNTER 1: A1
HIGH SPEED COUNTER 2: B1
HIGH SPEED COUNTER 3: B0
MACHINE SERIAL NUMBER: 1019579

 SERV-I-QUIP, INC.
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
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COMMUNICATION OVERVIEW

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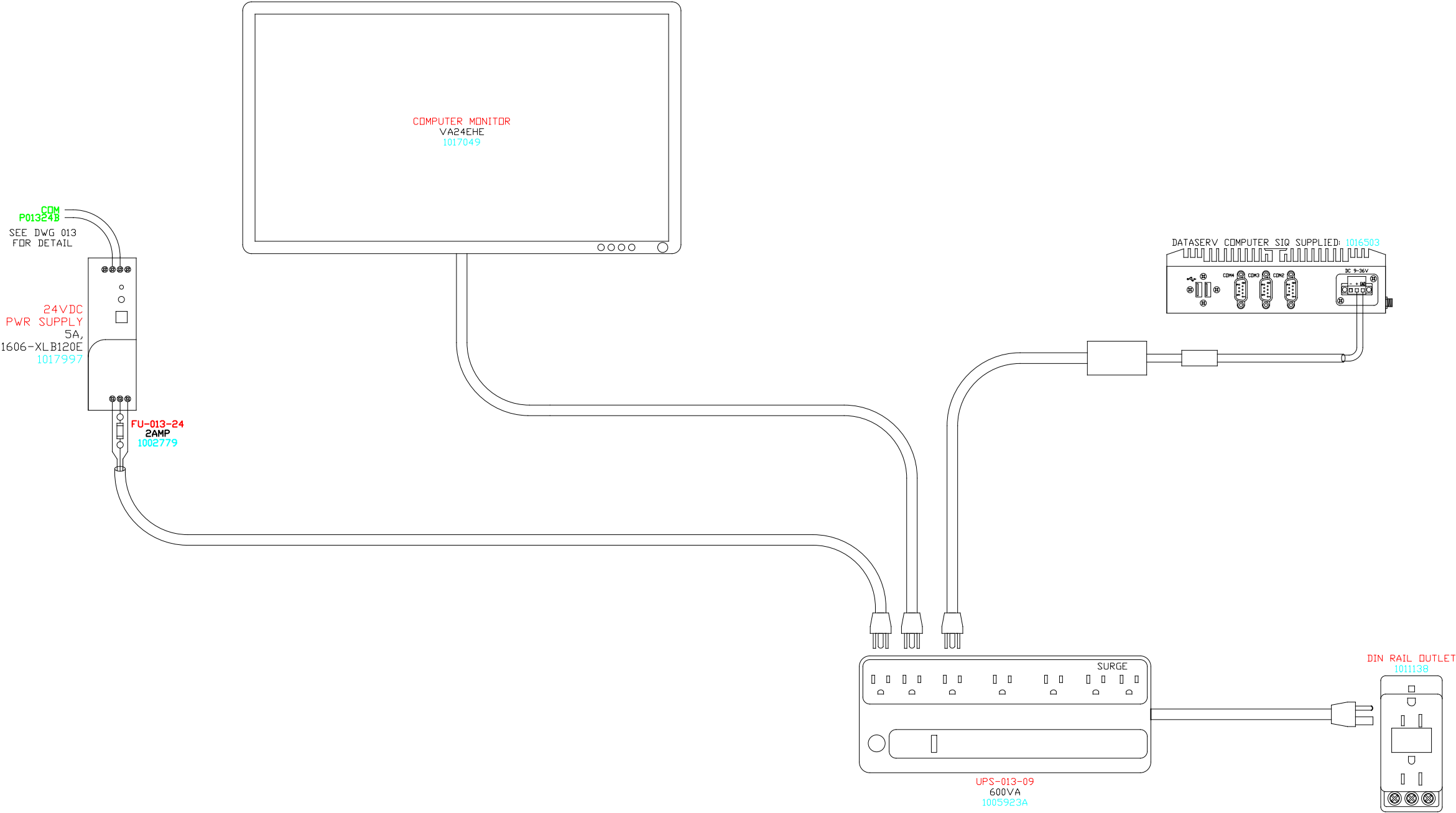
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RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1
SIZE DRAWING NO. 1019579 SHEET R000


UPS CONNECTIONS



UPS POWER DISTRIBUTION

REV	DESCRIPTION	DATE	APP'D	This drawing, based upon our testing and experience to date, is offered without charge as part of our service to customers. It is intended for use by persons having engineering skill at their own discretion and risk. We do not guarantee favorable results and we assume no liability in connection with its use. This information is not intended as a license to operate under, nor a recommendation to infringe, any patent of SERV-I-QUIP or others covering any material or use.
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4	AS-BUILT AFTER CUSTOMER CHANGES	10/24/2022	ALP	
				JOB#: 020439-1-1
				DRAWN BY JK DATE 6/23/2022
				APP'D BY JKS

MACHINE SERIAL NUMBER: 1019579

SERV-I-QUIP, INC.

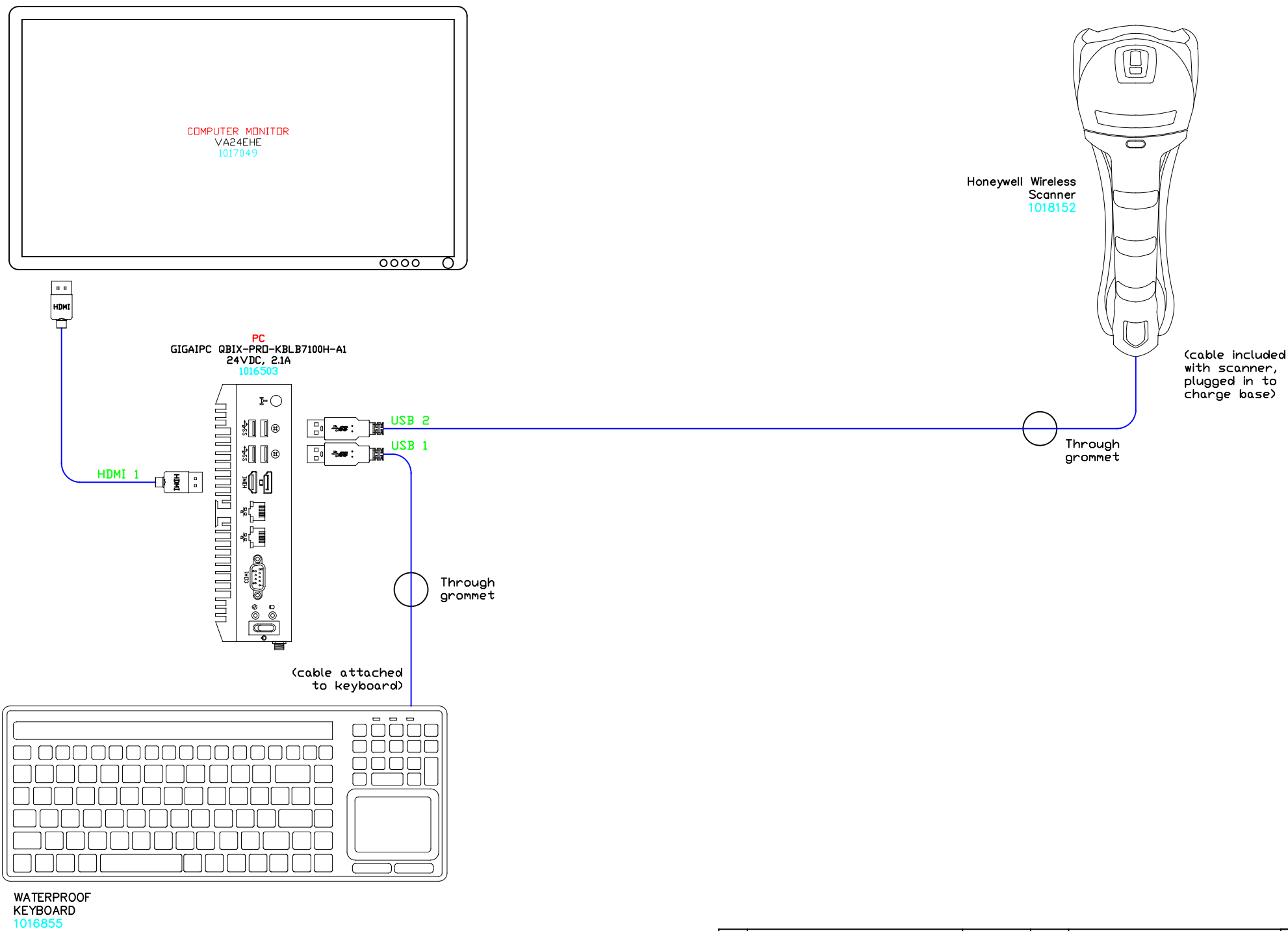
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

JOB#: 020439-1-1

EPICOR: 020439-1-1

SIZE	DRAWING NO.	SHEET
	1019579	R001

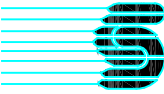
ADDITIONAL CABLE CONNECTIONS



ADDITIONAL CABLE CONNECTIONS

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				JOB#: 020439-1-1
DRAWN BY JK		DATE		
APP'D BY JKS		6/23/2022		

MACHINE SERIAL NUMBER: 1019579

SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1

SIZE	DRAWING NO.	SHEET
	1019579	R002

PLUG 1 PINOUT

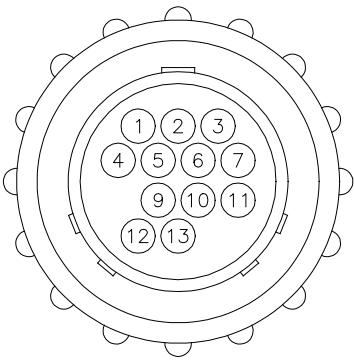
TOOL 1
3 PORT AVRG 2008
R-410A HIGH SIDE
w/ PENDANT

PLUG 2 PINOUT

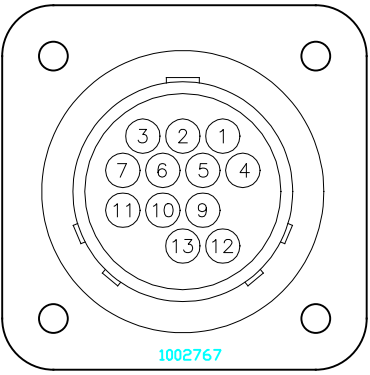
TOOL 2
3 PORT AVRG 2008
R-410A LOW SIDE
w/ PENDANT

PLUG 1 PINOUT

CABLE FROM TOOL

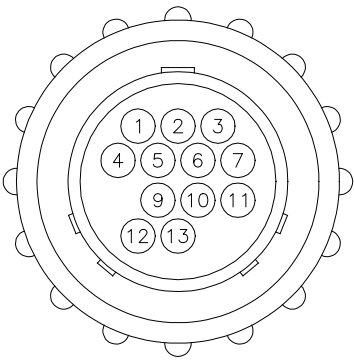


RECEPTICLE ON ENCLOSURE

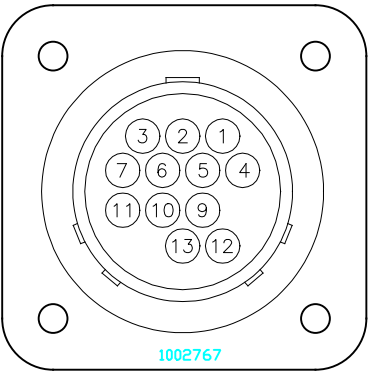


PLUG 2 PINOUT

CABLE FROM TOOL



RECEPTICLE ON ENCLOSURE



TOOL WIRING TO PLUG

PIN #	DESCRIPTION	WIRE #
1	24 VDC -	DC COM
2	START INPUT	SLOT1 IN3
3	RESET INPUT	SLOT1 IN4
4	STEM SENSOR INPUT	SLOT1 IN5
5	RECLAIM OUTPUT	01403A
6	RECLAIM NEUTRAL	N
7	24 VDC +	01506
8	(BLANK)	(BLANK)
9	REFRIGERANT OUTPUT	01401A
10	REFRIGERANT NEUTRAL	N
11	VACUUM NEUTRAL	N
12	VACUUM OUTPUT	01402A
13	GROUND	GND
14	(BLANK)	(BLANK)

WIRING FOR TOOL 1

TOOL WIRING TO PLUG

PIN #	DESCRIPTION	WIRE #
1	24 VDC -	DC COM
2	START INPUT	SLOT1 IN8
3	RESET INPUT	SLOT1 IN9
4	STEM SENSOR INPUT	SLOT1 IN10
5	RECLAIM OUTPUT	01406A
6	RECLAIM NEUTRAL	N
7	24 VDC +	01506
8	(BLANK)	(BLANK)
9	REFRIGERANT OUTPUT	01404A
10	REFRIGERANT NEUTRAL	N
11	VACUUM NEUTRAL	N
12	VACUUM OUTPUT	01405A
13	GROUND	GND
14	(BLANK)	(BLANK)

WIRING FOR TOOL 2

TOOL CONNECTION POINT WIRING

REV	DESCRIPTION	DATE	APP'D	This drawing, based upon our testing and experience to date, is offered without charge as part of our service to customers. It is intended for use by persons having engineering skill at their own discretion and risk. We do not guarantee favorable results and we assume no liability in connection with its use. This information is not intended as a license to operate under, nor a recommendation to infringe, any patent of SERV-I-QUIP or others covering any material or use.
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				JOB#: 020439-1-1
DRAWN BY JK		DATE		
APP'D BY JKS		6/23/2022		

MACHINE SERIAL NUMBER: 1019579



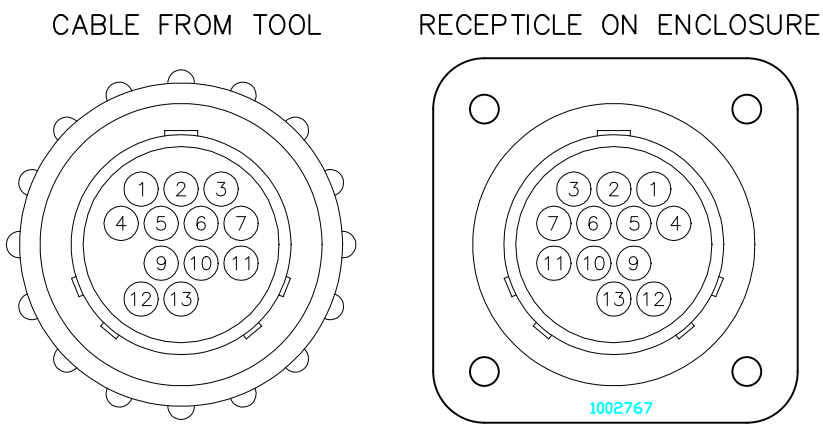
SERV-I-QUIP, INC.
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1		SHEET R003	
SIZE	DRAWING NO. 1019579		

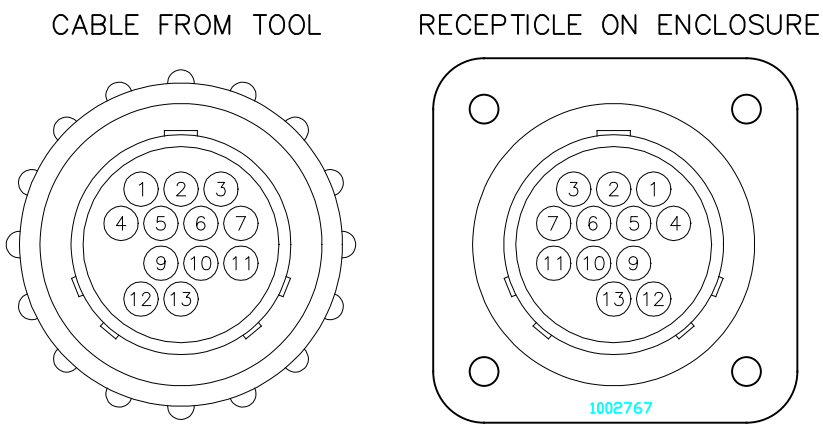
PLUG 3 PINOUT
TOOL 3
3 PORT AVRG 2008
R-454B HIGH SIDE
w/ PENDANT

PLUG 4 PINOUT
TOOL 4
3 PORT AVRG 2008
R-454B LOW SIDE
w/ PENDANT

PLUG 3 PINOUT



PLUG 4 PINOUT



TOOL WIRING TO PLUG

PIN #	DESCRIPTION	WIRE #
1	24 VDC -	DC COM
2	START INPUT	SLOT4 IN3
3	RESET INPUT	SLOT4 IN4
4	STEM SENSOR INPUT	SLOT4 IN5
5	RECLAIM OUTPUT	01409A
6	RECLAIM NEUTRAL	N
7	24 VDC +	01506
8	(BLANK)	(BLANK)
9	REFRIGERANT OUTPUT	01407A
10	REFRIGERANT NEUTRAL	N
11	VACUUM NEUTRAL	N
12	VACUUM OUTPUT	01408A
13	GROUND	GND
14	(BLANK)	(BLANK)

WIRING FOR TOOL 3

TOOL WIRING TO PLUG

PIN #	DESCRIPTION	WIRE #
1	24 VDC -	DC COM
2	START INPUT	SLOT4 IN8
3	RESET INPUT	SLOT4 IN9
4	STEM SENSOR INPUT	SLOT4 IN10
5	RECLAIM OUTPUT	01412A
6	RECLAIM NEUTRAL	N
7	24 VDC +	01506
8	(BLANK)	(BLANK)
9	REFRIGERANT OUTPUT	01410A
10	REFRIGERANT NEUTRAL	N
11	VACUUM NEUTRAL	N
12	VACUUM OUTPUT	01411A
13	GROUND	GND
14	(BLANK)	(BLANK)

WIRING FOR TOOL 4

TOOL CONNECTION POINT WIRING

REV	DESCRIPTION	DATE	APP'D	This drawing, based upon our testing and experience to date, is offered without charge as part of our service to customers. It is intended for use by persons having engineering skill at their own discretion and risk. We do not guarantee favorable results and we assume no liability in connection with its use. This information is not intended as a license to operate under, nor a recommendation to infringe, any patent of SERV-I-QUIP or others covering any material or use.
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JOB#: 020439-1-1				
DRAWN BY JK		DATE		
APP'D BY JKS		6/23/2022		

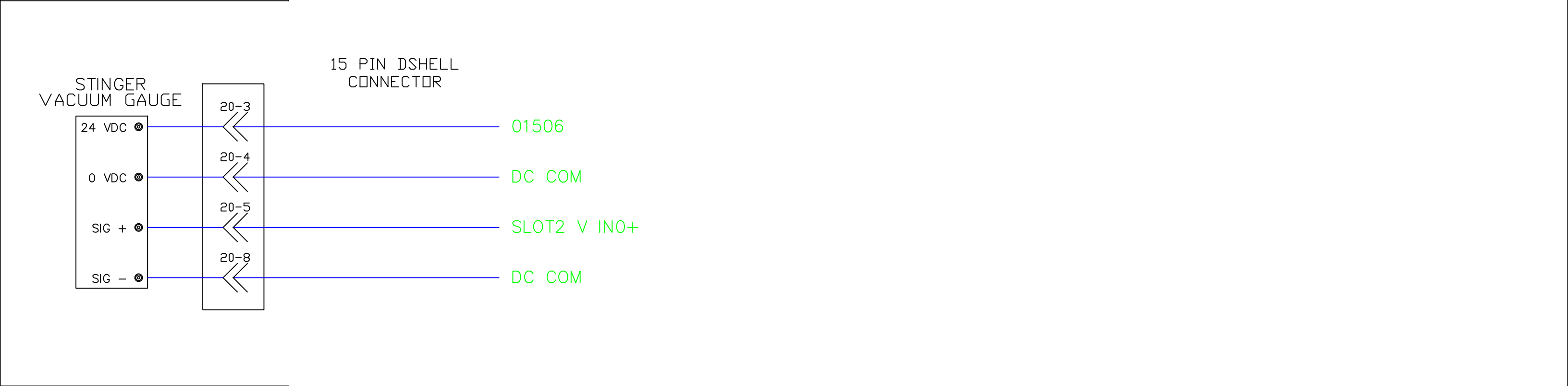
MACHINE SERIAL NUMBER: 1019579



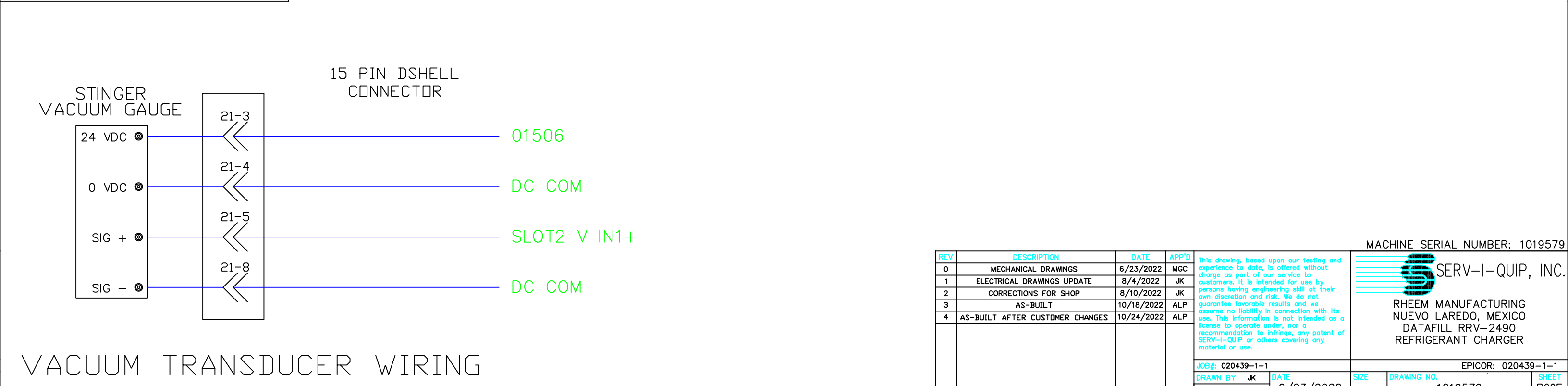
SERV-I-QUIP, INC.
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER


EPICOR: 020439-1-1		SHEET
SIZE	DRAWING NO. 1019579	R004

PLUG 20 PINOUT
VACUUM GAUGE WIRING
VT-001-01



PLUG 21 PINDOUT
VACUUM GUAGE WIRING
VT-001-02

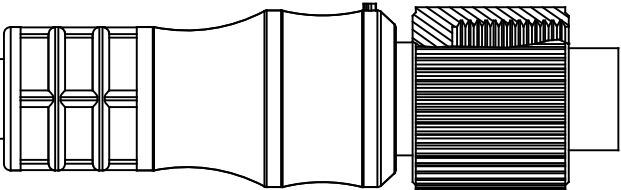


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DRAWN BY	JK	DATE	6/23/2022																		
APP'D BY	JKS																				
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	1019579	R005																			
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4	AS-BUILT AFTER CUSTOMER CHANGES	10/24/2022	ALP																		

PLUG 22 PINDOUT
TRANSDUCER WIRING
R-410A Pressure
PT-001-01

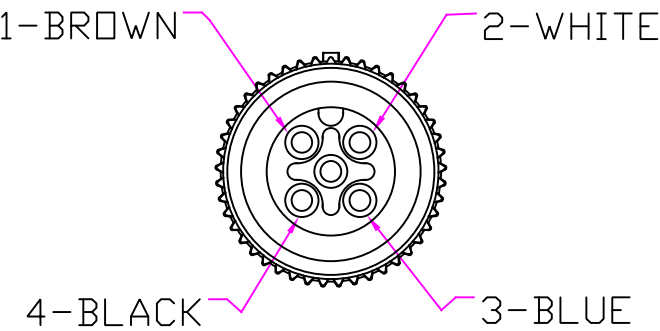
- 1-RED: 01506
- 2-WHT: SLOT2 I IN2+
- 3-BLU: N/A
- 4-BLK: N/A

FEMALE END
EFFECTOR
1013238



TO TRANSDUCER

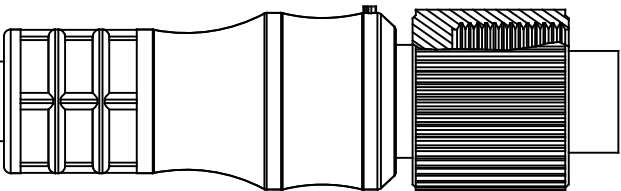
FEMALE END VIEW



PLUG 23 PINDOUT
TRANSDUCER WIRING
Refrigerant Pressure
PT-001-02

- 1-RED: 01506
- 2-WHT: SLOT2 I IN3+
- 3-BLU: N/A
- 4-BLK: N/A

FEMALE END
EFFECTOR
1013238



TO TRANSDUCER

PRESSURE TRANSDUCER WIRING

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				JOB#: 020439-1-1
DRAWN BY JK		DATE		
APP'D BY JKS		6/23/2022		

MACHINE SERIAL NUMBER: 1019579



RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1

SIZE	DRAWING NO.	SHEET
	1019579	R006

PLUG 24 PINOUT
PRESSURE SWITCH WIRING
Air Pressure
PSW-000-01

1-BRN: 01506

2-WHT: SLOT4 IN1

3-BLU: DC COM

4-BLK: N/A

AB 889D-F5AC-5 5M
1018025

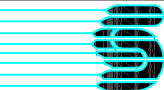
5-PIN, M12
FEMALE CONNECTOR

TO PRESSURE
SWITCH

PRESSURE SWITCH WIRING

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DRAWN BY	JK	DATE	
APP'D BY	JKS	6/23/2022	

MACHINE SERIAL NUMBER: 1019579			
 SERV-I-EQUIP, INC.			
RHEEM MANUFACTURING NUEVO LAREDO, MEXICO DATAFILL RRV-2490 REFRIGERANT CHARGER			
EPICOR: 020439-1-1			
SIZE	DRAWING NO.	SHEET	
	1019579	R007	

DUAL DOOR
SYSTEM

BANK LABELING
ON PANEL/WALL

SERV-I-QUIP
127 WALLACE AVE.
DOWNTOWN, PA 19335
UL FILE #4006996
TYPE 1 ENCLOSURE

VOLTAGE : 480VAC
3 PHASE / MAX HP: 1
SCCR: 50 kA / 60Hz
MAX FLA: 20
LARGEST MTR FLA: 1.7

HV
DOOR
RIGHT SIDE

SERV-I-QUIP
127 WALLACE AVE.
DOWNTOWN, PA 19335
UL FILE #4006996
TYPE 1 ENCLOSURE

VOLTAGE : 24VDC
MAX FLA: 10
DWG #: 1019579
SHEET: 015 & 016

LV
DOOR
LEFT SIDE

CAUTION

FU: XXXXXX - XA
FU: XXXXXX - XA
FU: XXXXXX - XA
FU: XXXXXX - XA
FU: XXXXXX - XA
FU: XXXXXX - XA
FU: XXXXXX - XA
FU: XXXXXX - XA

REPLACE FUSES
ACCORDING TO DWG

CUSTOMER FIELD
DEVICES

FOR FIELD WIRING

USE 60 DEGREE OR GREATER
COPPER WIRE ONLY

FOR LESS THAN 100 AMPS

TORQUE SCREWS TO XX IN/LBS.
(FOR EACH TYPE TERMINAL CONNECTED OR
LUG CONNECTED)

CERTIFICATIONS AND LABELS

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SERV-I-QUIP, INC.

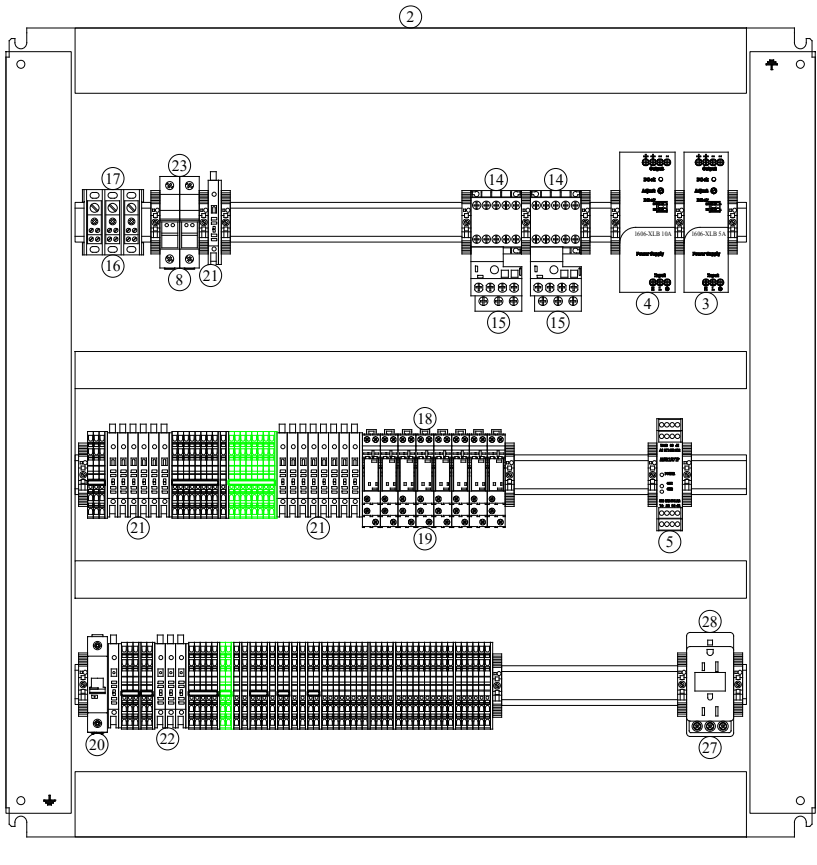
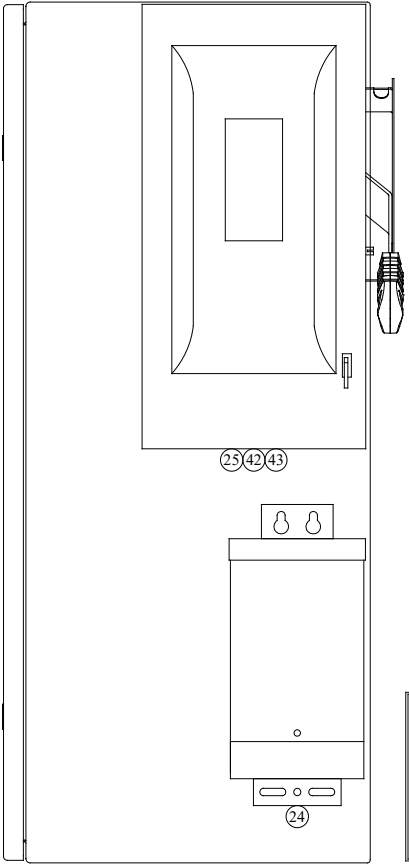
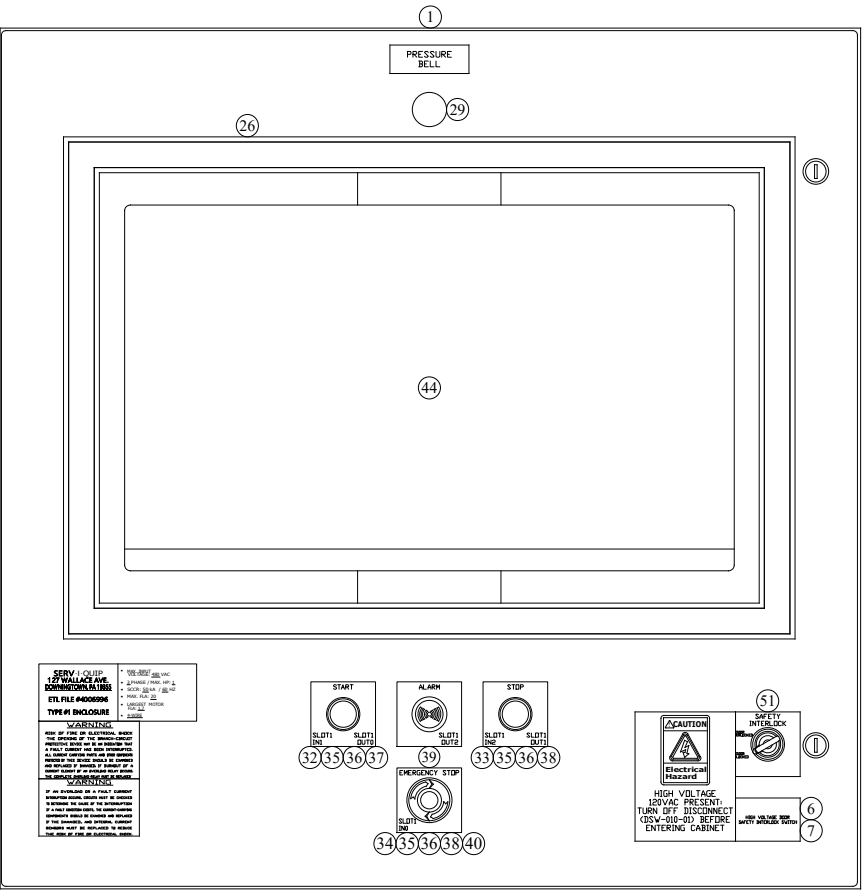
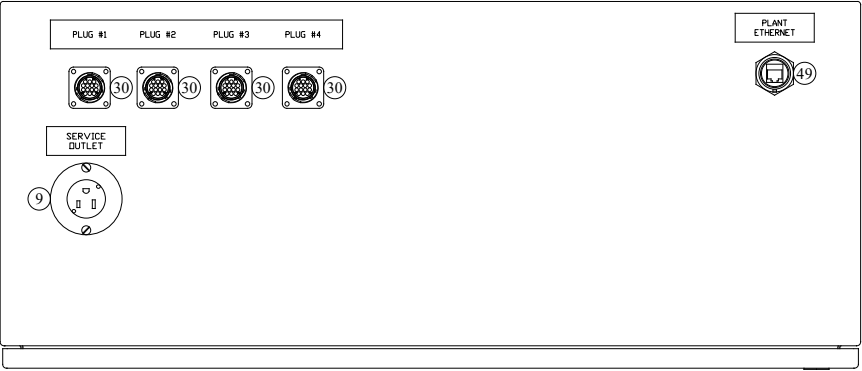
RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1

SIZE

DRAWING NO.
1019579

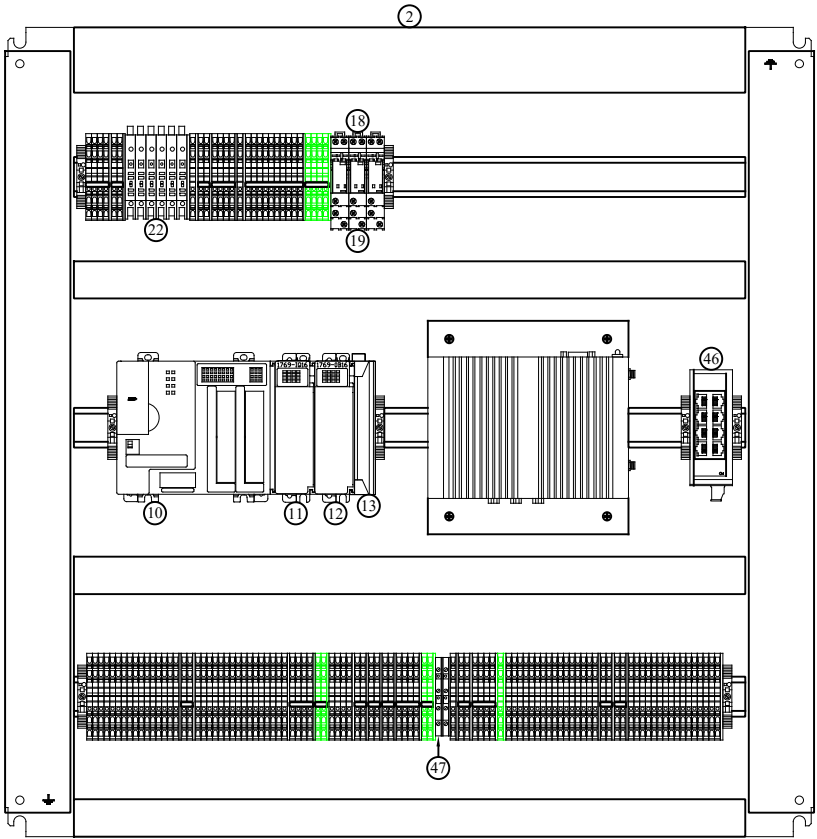
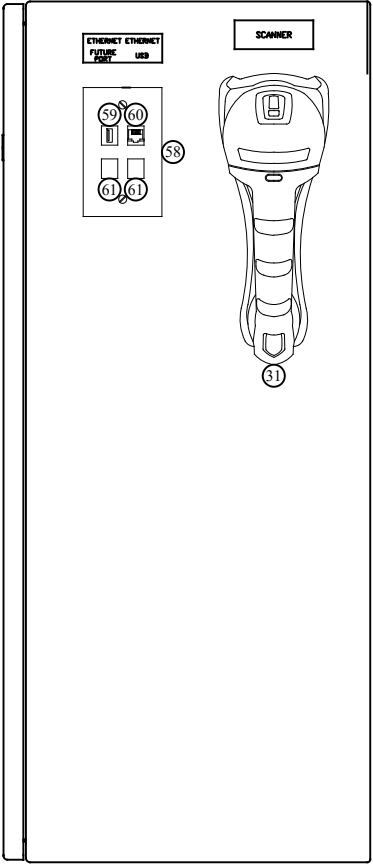
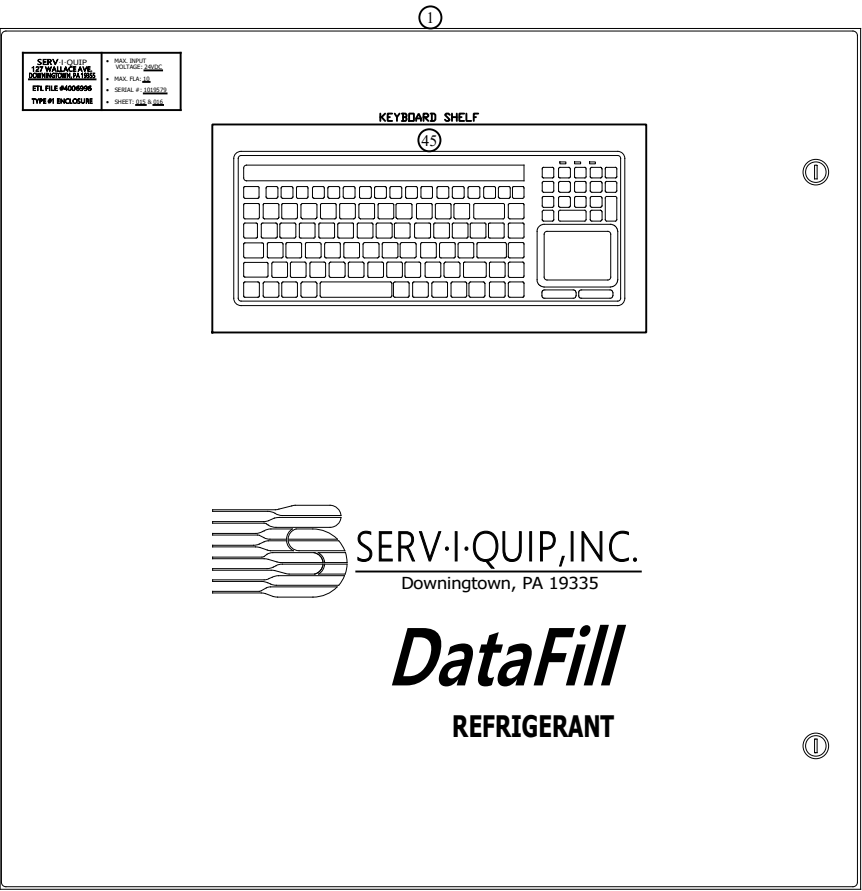
SHEET
R008



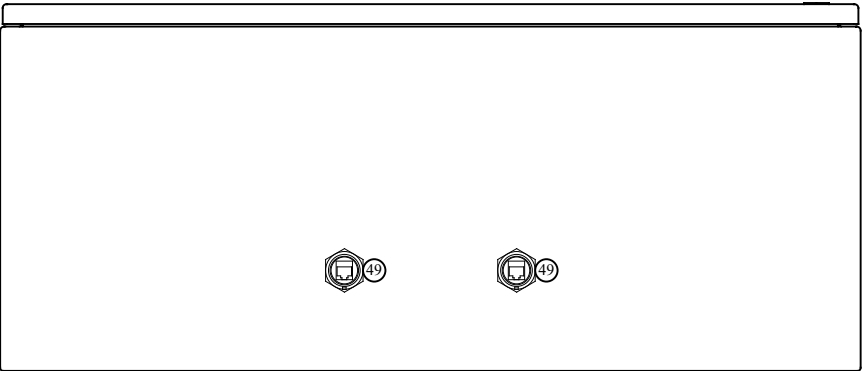
ITEM	QTY	SIQ PN	MANUFACTURER	DESCRIPTION
1	2	1016900	HOFFMAN	ENCLOSURE, CS0303012
2	2	1014053	HOFFMAN	PANEL, CP3030
3	1	1017997	ALLEN BRADLEY	POWER SUPPLY, 1606-XLB120E, 24VDC 5A POWER SUPPLY
4	1	1018009	ALLEN BRADLEY	POWER SUPPLY, 1606-XLB240E, 24VDC 10A POWER SUPPLY
5	1	1013779	ALLEN BRADLEY	SAFETY RELAY 440R-N23132
6	1	1018251	IDEC	INTERLOCK SWITCH, IDEC, HSSL-XD7Y4M-G, Safety Interlock Switch, w/ Solenoid
7	1	1018251A	IDEC	INTERLOCK SWITCH KEY, IDEC, HS9Z-A55
8	1	1009464	ALLEN BRADLEY	FUSE HOLDER, 2-POLE W/ INDIC, 1492-FB2C30-L
9	1	1017079	MARINCO	52798L 15 Amp 125 Volt Flanged Outlet Receptacle, Part No. 52798L
10	1	1014555	ALLEN BRADLEY	PLC, COMPACTLOGIX L24, 1769-L24ER-QBFC1B
11	1	1008330	ALLEN BRADLEY	COMPACTLOGIX INPUT MODULE 16X24VDC 1769-IQ16
12	2	1011833	ALLEN BRADLEY	COMPACTLOGIX OUTPUT MODULE 16X24VDC 1769-OB16
13	1	1006462	ALLEN BRADLEY	END CAP 1769-ECR
14	2	1005923A	ALLEN BRADLEY	CONTACTOR AB 100-K12210
15	2	1015922b	ALLEN BRADLEY	OVERLOAD KSERIES 2 3-3 2A 193-KB32
16	1	1008903	ALLEN BRADLEY	DISTRIBUTION BLOCK, 3 POLE, 115 AMP, 600VAC, ALUMINUM, 1492-PDM3141
17	1	1011942	ALLEN BRADLEY	COVER FOR DISTRIBUTION BLOCK, 1492-PBC3
18	11	1017196	ALLEN BRADLEY	RELAY 700-HK36224 10 AMP CONTACT 24 VDC SPDT
19	11	1017196A	ALLEN BRADLEY	RELAY SOCKET FOR 1017196 700-HN221 MINI SOCKET 5-BLADE
20	1	1015473	ALLEN BRADLEY	CIRCUIT BREAKER, 1 POLE 10A, MCB 1492-SPM1C100
21	15	1002779	ALLEN BRADLEY	FUSE BLOCK, 1492-H4-AC NEON INDICATORS
22	10	1004830	ALLEN BRADLEY	FUSE BLOCK, 1492-H5-DC LED INDICATORS
23	2	1011055	BUSSMAN	FUSE, 6A, FNQ-R-6
24	1	1007181	ACME	TRANSFORMER, .75KVA T-2-53009-5
25	1	1017017	BLACKBURN	GROUND LUG, 2 POLE, 2/0 2C 1H CU/AL LG, BKAADR21-21
26	1	1017211	HOFFMAN	WINDOW KIT, NEMA 4 AND 12, A-PWK2315NF
27	1	1011138	WEIDMULLER	OUTLET DUPLEX AC 125VAC 15AMP DIN RAIL MCM 1671k13
28	2	1005923A	APC	Back-UPS 600VA UPS Battery Backup, BE600M1
29	1	1018407	BANNER	STACK LIGHT, K30LGRYPQ, 3 COLOR GREEN/AMBER/RED, K30LGRYPQ
30	4	1002767	AMP	CONNECTOR, RECEPTACLE, 14 POSITION, 206043
31	1	1018152	HONEYWELL	BARCODE SCANNER, CORDLESS USB KIT, 19111-ER or 19911-SR
32	1	1016862a	ALLEN BRADLEY	800FM-LE3, Extended, Illuminated, Momentary, Metal, GREEN
33	1	1016863a	ALLEN BRADLEY	800FM-LE4, Extended, Illuminated, Momentary, Metal, RED
34	1	1016864	ALLEN BRADLEY	800F MUSHROOM 800FP-LMT44 METAL 40mm RED TWIST TO RELEASE
35	3	1016865	ALLEN BRADLEY	800F PLASTIC LATCH 800F-ALP
36	3	1016867	ALLEN BRADLEY	800F NO CONTACT 800F-X10
37	1	1016868	ALLEN BRADLEY	800F LED MODULE GREEN 800F-N3G 24VAC/VDC
38	2	1016869	ALLEN BRADLEY	800F LED MODULE RED 800F-N3R 24VAC/VDC
39	1	1016960	MALORY	Alarm, Constant, 15-28VDC, 40mA, 85-95dB, Mfr. Part#: ZA028LDCT
40	1	1016862	ALLEN BRADLEY	800F NC CONTACT 800F-X01
41	2	1015582	ALLEN BRADLEY	LOAD SWITCH ENCLOSED 25 AMP 194E-Y25-1753-6N
42	1	1018047	SIEMENS	DISCONNECT, 600V 30A 3 POLE EXTERNAL, HF361
43	3	1009628A	BUSSMAN	FUSE, 20A, LPS-RK-20SP
44	1	1017049	ASUS	MONITOR 24", 1080p VESA, VA24HE
45	1	1016855	SOLIDTEK	INDUSTRIAL KEYBOARD/TOUCH PAD, IP68, WATER PROOF
46	1	1015214A	HIRSCHMANN	8TX UNMANAGED ETHERNET SWITCH, 10/100MB 942132002
47	2	1015251	ALLEN BRADLEY	RESISTOR, 1.5 KOHM, 1492J03R152
48	1	1016503	GIGAIPC	Mini PC, QBIX-Pro-KBLB100H-A1
49	3	1014326	TYCO	CAT 6 RJ45 Shielded Industrial Panel Mount Bulkhead, 1738601-2
51	1	1017764	ALLEN BRADLEY	KEY SWITCH, 800FP-KM21PX11, 2 POSITION
58	2	1017066	LEGRAND	4 Port Faceplate Black, Mfg. Part No. FQUAD-BK
59	2	1017067	TRIPP LITE	USB 2.0 Panel Mount Coupler Black, Mfg. Part No. U060-000-KP-BK
60	3	1017069	TRIPP LITE	Insert Modular Jack 8p8c (RJ45, Ethernet) Mfg. Part No. N235-001
61	3	1017070	HELLERMAN TYTON	Blank Insert Black, Mfg. part No. BLANK-BK

HIGH VOLTAGE ENCLOSURE / PANEL LAYOUTS AND BOM

REV	DESCRIPTION	DATE	APP'D	MACHINE SERIAL NUMBER: 1019579			
0	MECHANICAL DRAWINGS	6/23/2022	MGC	<div><div><div></div><div>SERV-I-QUIP, INC.</div></div><div>REEHM MANUFACTURING NUEVO LAREDO, MEXICO DATAFILL RRV-2490 REFRIGERANT CHARGER</div></div>			
1	ELECTRICAL DRAWINGS UPDATE	8/4/2022	JK				
2	CORRECTIONS FOR SHOP	8/10/2022	JK				
3	AS-BUILT	10/18/2022	ALP				
4	AS-BUILT AFTER CUSTOMER CHANGES	10/24/2022	ALP				
				JOB#: 020439-1-1	EPICOR: 020439-1-1		
				DRAWN BY JK	DATE	SIZE	DRAWING NO.
				APP'D BY JKS	6/23/2022		1019579
				SHEET L001			




ITEM	QTY	S/Q PN	MANUFACTURER	DESCRIPTION
1	2	1016900	HOFFMAN	ENCLOSURE: CSD303012
2	2	1014053	HOFFMAN	PANEL, CP3030
3	1	1017997	ALLEN BRADLEY	POWER SUPPLY, 1606-XLB120E 24VDC 5A POWER SUPPLY
4	1	1018009	ALLEN BRADLEY	POWER SUPPLY, 1606-XLB240E 24VDC 10A POWER SUPPLY
5	1	1013779	ALLEN BRADLEY	SAFETY RELAY 440R-N23132
6	1	1018251	IDEC	INTERLOCK SWITCH, IDEC, HSSL-XD7Y4M-G, Safety Interlock Switch, w/ Solenoid
7	1	1018251A	IDEC	INTERLOCK SWITCH KEY, IDEC, HS92-A55
8	1	1009464	ALLEN BRADLEY	FUSE HOLDER, 2-POLE W/ INDIC, 1492-FB2C30-L
9	1	1017079	MARINCO	5279BL 15 Amp 125 Volt Flanged Outlet Receptacle, Part No. 5279BL
10	1	1014555	ALLEN BRADLEY	PLC, COMPACTLOGIX L24, 1769-L24ER-QBFC1B
11	1	1008330	ALLEN BRADLEY	COMPACTLOGIX INPUT MODULE 16X24VDC 1769-IQ16
12	2	1011833	ALLEN BRADLEY	COMPACTLOGIX OUTPUT MODULE 16X24VDC 1769-OB16
13	1	1006402	ALLEN BRADLEY	END CAP-1769-ECF
14	2	1015923A	ALLEN BRADLEY	CONTACTOR AB 100-K12Z110
15	2	1015923b	ALLEN BRADLEY	OVERLOAD KSERIES 2 3-3-2A 193-KB32
16	1	1008903	ALLEN BRADLEY	DISTRIBUTION BLOCK, 3 POLE, 115 AMP, 600VAC, ALUMINUM, 1492-P0MB141
17	1	1011942	ALLEN BRADLEY	COVER FOR DISTRIBUTION BLOCK, 1492-PBC9
18	11	1017196	ALLEN BRADLEY	RELAY 700-HK36Z24 10 AMP CONTACT 24 VDC SPDT
19	11	1017196A	ALLEN BRADLEY	RELAY SOCKET FOR 1017196 700-HN221 MINI SOCKET S-BLADE
20	1	1015473	ALLEN BRADLEY	CIRCUIT BREAKER, 1 POLE 10A, MCB 1492-SPM1C100
21	15	1002779	ALLEN BRADLEY	FUSE BLOCK, 1492-H4, AC NEON INDICATORS
22	10	1004830	ALLEN BRADLEY	FUSE BLOCK, 1492-H5, DC LED INDICATORS
23	2	1011055	BUSSMAN	FUSE, 6A, FNQ-R-6
24	1	1007181	ACME	TRANSFORMER, 75KVA T-2-53009-S
25	1	1017017	BLACKBURN	GROUND LUG, 2 POLE, 2/0-2C 1H CU/AL LG, BLKADR21-21
26	1	1017311	HOFFMAN	WINDOW KIT, NEMA 4 AND 12, A-PWK231SNF
27	1	1011138	WEIDMULLER	OUTLET DUPLEX AC 125VAC 15AMP DIN RAIL MCM 1671k13
28	2	1005923A	APC	Back-UPS 600VA UPS Battery Backup, BE600M1
29	1	1018407	BANNER	STACK LIGHT, K30LGRYPQ, 3 COLOR GREEN/AMBER/RED, K30LGRYPQ
30	4	1002767	AMP	CONNECTOR, RECEPTACLE, 14 POSITION, 206043
31	1	1018152	HONEYWELL	BARCODE SCANNER, CORDLESS USB KIT, 1911i-ER or 1991i-SR
32	1	1016862a	ALLEN BRADLEY	800FM-LE3, Extended, Illuminated, Momentary, Metal, GREEN
33	1	1016863a	ALLEN BRADLEY	800FM-LE4, Extended, Illuminated, Momentary, Metal, RED
34	1	1016864	ALLEN BRADLEY	800F MUSHROOM 800FP-LMT44 METAL40mm RED TWIST TO RELEASE
35	3	1016865	ALLEN BRADLEY	800F PLASTIC LATCH 800F-ALP
36	3	1016867	ALLEN BRADLEY	800F NO CONTACT 800F-X10
37	1	1016868	ALLEN BRADLEY	800F LED MODULE GREEN 800F-N3G 24VAC/VDC
38	2	1016869	ALLEN BRADLEY	800F LED MODULE RED 800F-N3R 24VAC/VDC
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59	2	1017067	TRIPP LITE	USB 2.0 Panel Mount Coupler Black, Mfg. Part No. U060-000-KP-BK
60	3	1017069	TRIPP LITE	Insert Modular Jack 8p8c (RJ45, Ethernet) Mfg. Part No. N235-001
61	3	1017070	HELLERMAN TYTON	Blank Insert Black, Mfg. part No. BLANK-BK



LOW VOLTAGE ENCLOSURE / PANEL LAYOUTS AND BOM

REV	DESCRIPTION	DATE	APP'D	<div>This drawing, based upon our testing and experience to date, is offered without charge as part of our service to customers. It is intended for use by persons having engineering skill at their own discretion and risk. We do not guarantee favorable results and we assume no liability in connection with its use. This information is not intended as a license to operate under, nor a recommendation to infringe, any patent of SERV-I-QUIP or others covering any material or use.</div>			
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				JOB#: 020439-1-1			
DRAWN BY JK				DATE	SIZE	DRAWING NO.	SHEET
APP'D BY JKS				6/23/2022		1019579	L002

MACHINE SERIAL NUMBER: 1019579

SERV-I-QUIP, INC.

RHEEM MANUFACTURING
NUEVO LAREDO, MEXICO
DATAFILL RRV-2490
REFRIGERANT CHARGER

EPICOR: 020439-1-1