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CONTROL TRANSFORMER SECONDARY CLASS CC		
DESIGNATION	VOLTAGE	RATING
1F13	200V	10A
	230V	
	380V	
	400V	
	460V	
	575V	
CONTROL TRANSFORMER PRIMARY CLASS CC		
1F15 1F16	200V	12A
	230V	12A
	380V	5A
	400V	5A
	460V	5A
	575V	5A
CRANKCASE HEATER CONTROLS CLASS CC		
1F17 1F18	200V	10A
	230V	10A
	380V	5A
	400V	5A
	460V	5A
	575V	5A

CONDENSER FANS CLASS CC		
DESIGNATION	TONNAGE	RATING
1F1	140 160 180 200 215 230	30A
1F2		
1F3		
1F4		
1F5		
1F6		
1F7		
1F8		
1F9		
1F10		
1F11		
1F12		

GENERAL NOTES:

- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25C (77F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL POWER REMOVED, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- WIRES REPRESENTED BY DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. WIRES REPRESENTED BY SOLID LINES INDICATE FACTORY INSTALLED WIRING.
- DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE OPTIONAL COMPONENTS/WIRING.
- NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF COMPONENT CONTACTS BY LINE NUMBER.
AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT.
- ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE, AND LOCAL CODES.
- CLASS 1 FIELD WIRING INSULATION RATING IS REQUIRED TO BE EQUAL TO OR GREATER THAN THE EQUIPMENT SUPPLY VOLTAGE RATING. CLASS 2 FIELD WIRING INSULATION IS REQUIRED TO BE RATED AT 300 V MINIMUM.

FLAG NOTES:

- COMPONENT (LLIDS) ARE NOT NECESSARILY WIRED ON THE IPC BUS IN THE ORDER SHOWN ON SCHEMATIC.
- EXTERNAL STOP AND EMERGENCY STOP CONTACTS ARE JUMPERED IN THE FACTORY BY JUMPERS W1 & W2 TO ENABLE UNIT OPERATION. IF REMOTE CONTROL IS DESIRED, REMOVE THE JUMPERS AND CONNECT TO THE DESIRED CONFIGURATION.
- CONTACT CLOSURE ENABLES ICE MAKING.
- FIELD ASSIGNED PROGRAMMABLE RELAYS.
- ALL UNIT POWER WIRING MUST BE COPPER CONDUCTORS ONLY AND HAVE A MINIMUM INSULATION TEMPERATURE RATING OF 90C.
- CONNECTIONS ARE INTENDED FOR CLASS 2 ONLY.
- CONTACT CLOSURE ENABLES HEATING MODE.
- POWER FOR THE EVAPORATOR HEATER, PUMP PACKAGE HEATER AND/OR OPTIONAL CONVENIENCE OUTLET IS SUPPLIED BY A CUSTOMER PROVIDED POWER SUPPLY, MAX FUSE SIZE IS 15 AMPS FOR EVAPORATORS, 30AMPS FOR EVAPORATORS PLUS PUMP PACKAGE AND 20 AMPS FOR OPTIONAL CONVENIENCE OUTLET.
- WIRING FOR 1K24 AS SHOWN IN INSET WHEN CHILLED WATER SETPOINT IS ENABLED VIA MODULE 1K22.
- TERMINALS 5 & 6 ARE TO BE WIRED TO CUSTOMER DEMAND LIMIT SETPOINT. INPUT CONFIGURED 2-10 VDC FROM FACTORY. SEE OPERATING INSTRUCTIONS TO CONFIGURE FOR 4-20 mA.
- TERMINALS 2 & 3 ARE TO BE WIRED TO CUSTOMER CHILLED WATER SETPOINT. INPUT CONFIGURED 2-10 VDC FROM FACTORY. SEE OPERATING INSTRUCTIONS TO CONFIGURE FOR 4-20 mA.
- TERMINALS 1 & 3 ARE TO BE WIRED TO REPORT % CAPACITY. OUTPUT CONFIGURED 2-10 VDC.
- WHEN ICE MAKING OPTION SELECTED, DEFAULT RELAY SETTING WILL BE REPLACED WITH "ICE MAKING COMPLETE" OUTPUT FUNCTION.
- RELAY RATINGS AT 120VAC: 7.2 AMPS RESISTIVE, 2.88 AMPS PILOT DUTY, 1/3 HP, 7.2 FLA.
RELAY RATINGS AT 240VAC: 5 AMPS GENERAL PURPOSE.
- CUSTOMER SUPPLIED POWER 115/60/1PH OR 220/50/1PH TO POWER RELAYS. MAX FUSE SIZE IS 20 AMPS. GROUND ALL CUSTOMER SUPPLIED POWER SUPPLIES AS REQUIRED BY APPLICABLE CODES. GREEN GROUND SCREWS ARE PROVIDED IN UNIT CONTROL PANEL.
- OPTIONAL TOTAL FREE COOLING (FUTURE OPTION).
- EXTERNAL PUMP FAULT INPUT CONTACT IS JUMPERED IN THE FACTORY BY JUMPER W3 TO ENABLE UNIT OPERATION WHEN INTEGRATED PUMP PACKAGE IS NOT PRESENTED. IF EXTERNAL PUMP FAULT INPUT IS DESIRED, REMOVE THE JUMPER AND CONNECT TO THE DESIRED CONFIGURATION.
- 1T11, 1T12, AND 1T13 ARE WIRED TO 1K50 AND ARE LOOSE FOR FIELD INSTALLATION. INSTALLING CONTRACTOR TO LOOP EACH CURRENT TRANSFORMER AROUND INCOMING WIRING IN ACCORDANCE WITH ENERGY METER INSTALLATION INSTRUCTIONS. BE MINDFUL OF PHASING AND THE DIRECTION THE ARROWS ARE POINTING ON THE CURRENT TRANSFORMER.
- CONTACT CLOSURE ENABLES AUXILIARY SETPOINT.

WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE. FAILURE TO DO THE ABOVE COULD RESULT IN DEATH OR SERIOUS INJURY.

AVERTISSEMENT

TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS LES PROC

V
DES MOTEURS SONT D
D'UNIT

INSTRUCTIONS DE L'ENTRA
D
UN MANQUEMENT
CI-DESSUS PEUT ENTRA
BLESSURES GRAVES, VOIRE LA MORT.

ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERG
INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEG
DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON TRANSMISI
DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.
NO REALIZAR LO ANTEDICHO PUEDE PROVOCAR LA MUERTE O LESIONES GRAVES.

NOTICE

USE COPPER CONDUCTORS ONLY!
FAILURE TO USE COPPER CONDUCTORS COULD RESULT IN EQUIPMENT DAMAGE AS THE EQUIPMENT WAS NOT DESIGNED OR QUALIFIED TO ACCEPT OTHER TYPES OF CONDUCTORS.

AVIS

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
L'UTILISATION DE MAT
AUTRES QUE LE CUIVRE,
PEUT ENDOMMAGER L'
CELUI-CI N'AYANT PAS
HOMOLOGU
TYPES DE CONDUCTEURS.

AVISO

SI NO UTILIZA CONDUCTORES DE COBRE, EL EQUIPO PODR
YA QUE NO HA SIDO DISE
PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

DRAWN BY: C. PIERCE

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MASTER FILE:

REVISION DATE:

REPLACES: 57322800

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CAD: CREO SCHEMATICS

DIAGRAM
SCHEMATIC WIRING

TABLE OF CONTENTS
NOTES AND FUSE REPLACEMENT TABLE

ACSA - ACXA UNIT

DRAWING NUMBER

23115912

SHEET
1 OF 14

REV

D

DEVICE	DESCRIPTION	ZONE
1A1	Adaptiview Touchscreen Display	885
1B1	Module; Under/Over Voltage Protection Relay	25
1F1	Fuse; Class CC - Condenser Fan Motor	306
1F2	Fuse; Class CC - Condenser Fan Motor	307
1F3	Fuse; Class CC - Condenser Fan Motor	308
1F4	Fuse; Class CC - Condenser Fan Motor	321
1F5	Fuse; Class CC - Condenser Fan Motor	322
1F6	Fuse; Class CC - Condenser Fan Motor	323
1F7	Fuse; Class CC - Condenser Fan Motor	341
1F8	Fuse; Class CC - Condenser Fan Motor	342
1F9	Fuse; Class CC - Condenser Fan Motor	343
1F10	Fuse; Class CC - Condenser Fan Motor	361
1F11	Fuse; Class CC - Condenser Fan Motor	362
1F12	Fuse; Class CC - Condenser Fan Motor	363
1F13	Fuse; Class CC - Control Power Transformer Secondary	243
1F15	Fuse; Class CC - Control Power Transformer Primary	229
1F16	Fuse; Class CC - Control Power Transformer Primary	229
1F17	Fuse; Class CC - Crankcase Heater	42
1F18	Fuse; Class CC - Crankcase Heater	42
1K1	Symbio 800 Unit Controller	862
1K2	Module; (Optional) Lontalk Interface	864
1K5	Module; LLID - High Pressure Cutout	621
1K6	Module; LLID - Start Compressors 1A, 1B, 2A, 2B	645
1K7	Module; LLID - Start Compressors 1C, 2C	673
1K8	Module; LLID - Compressors Fault 2A, 2B	629
1K9	Module; LLID - Compressors Fault 1A, 1B	654
1K10	Module; LLID - Compressors Fault 1C, 2C	663
1K11	Module; LLID - Evaporator Flow Switch & Phases Fault	613
1K16	Module; LLID - Chilled Water Pump Controls	790
1K22	Module; LLID - (Optional) Ice Making Control & Auxiliary Setpoint Enable	776
1K23	Module; LLID - (Optional) Unit Status Programmable Relay	770
1K24	Module; LLID - (Optional) Percent Capacity & Chilled Water Setpoint	767
1K26	Module; LLID - External Stop & Emergency Stop	825
1K28	Module; LLID - Night Noise Set Back/Noise Reduction Relay & Heat Pump Enable	757
1K30	Module; LLID - Condenser Fan Speed	471
1K31	Module; LLID - Condenser Fan Enable	490
1K32	Module; LLID - Condenser Fan Speed	509
1K33	Module; LLID - Condenser Fan Enable	522
1K40	Module; LLID - (Optional) PHR Command Relay & External Pump Fault Input	780
1K41	Module; LLID - (Optional) PHR Water Flow Command & External	790
1K42	Module; LLID - Total Free Cooling, Modulating Valves Actuator	804
1K43	Module; LLID - (Optional) Reversing Valve Control	823
1K49	Module; LLID - Condenser Fan Enable	566
1K50	Controller; Veris Power Meter	12
1Q1	Circuit Breaker; Power Distribution	8
1Q2	Circuit Breaker; Power Distribution - 200V/230V/575V Transformer	39
1Q5	Circuit Breaker; Power Distribution Circuit 1A	81
1Q5-AUX	Circuit Breaker Auxiliary Contact - Compressor 1A Start	643
1Q6	Circuit Breaker; Power Distribution Circuit 1B	105
1Q6-AUX	Circuit Breaker Auxiliary Contact - Compressor 1B Start	640
1Q7	Circuit Breaker; Power Distribution Circuit 1C	131
1Q7-AUX	Circuit Breaker Auxiliary Contact - Compressor 1C Start	671
1Q8	Circuit Breaker; Power Distribution Circuit 2A	156
1Q8-AUX	Circuit Breaker Auxiliary Contact - Compressor 2A Start	637
1Q9	Circuit Breaker; Power Distribution Circuit 2B	180
1Q9-AUX	Circuit Breaker Auxiliary Contact - Compressor 2B Start	634
1Q10	Circuit Breaker; Power Distribution Circuit 2C	206
1Q10-AUX	Circuit Breaker Auxiliary Contact - Compressor 2C Start	668
1Q20	Contact; Compressor 1A, Circuit 1	645
1Q20-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 1	55
1Q21	Contact; Compressor 1B, Circuit 1	642
1Q21-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 1	55
1Q22	Contact; Compressor 1C, Circuit 1	673
1Q22-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 1	55
1Q23	Contact; Compressor 2A, Circuit 2	639
1Q23-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 2	65
1Q24	Contact; Compressor 2B, Circuit 2	636
1Q24-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 2	65
1Q25	Contact; Compressor 2C, Circuit 2	670
1Q25-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 2	65
1Q30	Contact; Condenser Fan, Circuit 1	537
1Q31	Contact; Condenser Fan, Circuit 1	531
1Q32	Contact; Condenser Fan, Circuit 1	540
1Q33	Contact; Condenser Fan, Circuit 1	534
1Q40	Contact; Condenser Fan, Circuit 2	563
1Q41	Contact; Condenser Fan, Circuit 2	557
1Q42	Contact; Condenser Fan, Circuit 2	566
1Q43	Contact; Condenser Fan, Circuit 2	560
1Q50	Contact; Condenser Fan, Circuit 1	550
1Q51	Contact; Condenser Fan, Circuit 2	547
1T2	Transformer; Condenser Fan Power, 200V/230V/575V	43
1T5	Transformer; CLASS 1; 1000VA, 380V/400V/460V PRI, 115V SEC	239
1T6	Transformer; CLASS 1; 180VA, 115V PRI, 27V SEC	260
1T7	Module; Power Supply	280
1T8	Module; Power Supply	280
1T10	Transformer; Class 2, Dual Secondary 24V, Primary 115V - PHR/FREE COOLING	264
1T11	Transformer; Current, Energy Meter, Phase 1	6
1T12	Transformer; Current, Energy Meter, Phase 2	5
1T13	Transformer; Current, Energy Meter, Phase 3	3
1X1	Terminal Block; Control Power Transformer	246
1X2	Terminal Block; Power Distribution	8
1X3	Terminal Block; Neutral Distribution	80
1X5	Terminal Block; Condenser Fan Controls	464
1X6	Terminal Block; Customer Connection	876
1X7	Terminal Block; Unit Side Wiring	634
1X8	Terminal Block; 27VAC Power Distribution	278
1X10	Terminal Block; Total Free Cooling Controls	273
1X11	Terminal Block; Crank Case Heater	55
1X12	Terminal Block; PHR Controls	293
1X14	Terminal Block; Condenser Fan Enables	464
1X575	Terminal Block; Power Distribution 575V Fan Power	45
3B1	Switch; High Pressure Cutout - Circuit 1	612
3B3	Temperature Switch; Ventilation Fan Enable	246
3BP1	Pressure Transducer; Suction Pressure - Circuit 1	842
3BP2	Pressure Transducer; Discharge Pressure - Circuit 1	845
3BT1	Temperature Sensor; Suction Temperature - Circuit 1	851
3BT2	Temperature Sensor; Discharge Temperature - Circuit 1	854
3BT3	Temperature Sensor; Suction Line Heat Exchanger Temperature - Circuit 1	860
3K1	Electronic Expansion Valve; Cooling - Circuit 1	839
3K2	Coils Shared V Shutoff Valve - Circuit 1	857
3K3	Suction Line Heat Exchanger Valve - Circuit 1	863
3K4	Electronic Expansion Valve; Heating - Circuit 1	866
3L1	Solenoid; Reversing Valve - Circuit 1	807

DEVICE	DESCRIPTION	ZONE
3M1	Motor; Compressor 1A	79
3M1A1	Electronic Protection Module, Compressor 1A, Circuit 1	86
3M1A2	Electronic Protection Module, Compressor 1A, Circuit 1	95
3M1E1	Heater; Compressor 1A, Circuit 1	57
3M2	Motor; Compressor 1B	103
3M2A1	Electronic Protection Module, Compressor 1B, Circuit 1	110
3M2A2	Electronic Protection Module, Compressor 1B, Circuit 1	119
3M2E1	Heater; Compressor 1B, Circuit 1	59
3M3	Motor; Compressor 1C	129
3M3A1	Electronic Protection Module, Compressor 1C, Circuit 1	136
3M3A2	Electronic Protection Module, Compressor 1C, Circuit 1	144
3M3E1	Heater; Compressor 1C, Circuit 1	61
3M11	Motor; Condenser Fan - Circuit 1	306
3M12	Motor; Condenser Fan - Circuit 1	321
3M13	Motor; Condenser Fan - Circuit 1	311
3M14	Motor; Condenser Fan - Circuit 1	326
3M15	Motor; Condenser Fan - Circuit 1	316
3M16	Motor; Condenser Fan - Circuit 1	331
3M32	Motor; Condenser Fan - Circuit 1	336
3M41	Motor; Ventilation Fan 1	247
4B1	Switch; High Pressure Cutout - Circuit 2	612
4BP1	Pressure Transducer; Suction Pressure - Circuit 2	833
4BP2	Pressure Transducer; Discharge Pressure - Circuit 2	836
4BT1	Temperature Sensor; Suction Temperature - Circuit 2	839
4BT2	Temperature Sensor; Discharge Temperature - Circuit 2	842
4BT3	Temperature Sensor; Suction Line Heat Exchanger Temperature - Circuit 2	848
4K1	Electronic Expansion Valve; Cooling - Circuit 2	830
4K2	Coils Shared V Shutoff Valve - Circuit 2	845
4K3	Suction Line Heat Exchanger Valve - Circuit 2	851
4K4	Electronic Expansion Valve; Heating - Circuit 2	854
4L1	Solenoid; Reversing Valve - Circuit 2	807
4M1	Motor; Compressor 2A	154
4M1A1	Electronic Protection Module, Compressor 2A, Circuit 2	161
4M1A2	Electronic Protection Module, Compressor 2A, Circuit 2	170
4M1E1	Heater; Compressor 2A, Circuit 2	67
4M2	Motor; Compressor 2B	178
4M2A1	Electronic Protection Module, Compressor 2B, Circuit 2	185
4M2A2	Electronic Protection Module, Compressor 2B, Circuit 2	194
4M2E1	Heater; Compressor 2B, Circuit 2	69
4M3	Motor; Compressor 2C	204
4M3A1	Electronic Protection Module, Compressor 2C, Circuit 2	211
4M3A2	Electronic Protection Module, Compressor 2C, Circuit 2	219
4M3E1	Heater; Compressor 2C, Circuit 2	71
4M11	Motor; Condenser Fan - Circuit 2	341
4M12	Motor; Condenser Fan - Circuit 2	361
4M13	Motor; Condenser Fan - Circuit 2	346
4M14	Motor; Condenser Fan - Circuit 2	366
4M15	Motor; Condenser Fan - Circuit 2	351
4M16	Motor; Condenser Fan - Circuit 2	371
4M31	Motor; Condenser Fan - Circuit 2	356
5B9	Temperature Sensor; Free Cooling Entering Water Temperature	848
5BT1	Temperature Sensor; Outdoor Air Sensor	830
5BT2	Temperature Sensor; Evaporator Leaving Water Temperature	833
5BT3	Temperature Sensor; Evaporator Entering Water Temperature	836
5K1	Relay; External Auto Stop	825
5K2	Relay; Ice Making Enable	774
5K3	Relay; Auxiliary Setpoint Enable	776
5K4	Relay; NNSB/NRR	757
5K5	Relay; External Heat Pump Command Enable	755
5K6	Relay; External PHR Command Enable	780
5K7	Relay; External Pump Fault Input	778
5K22	Relay; Unit Status (Default - Evaporator Freeze Avoidance Request)	770
5K23	Relay; Unit Status (Default - Evaporator Freeze Avoidance Request)	769
5K24	Relay; Unit Status (Default - Maximum Capacity)	767
5K25	Relay; Unit Status (Default - Maximum Capacity)	766
5K26	Relay; Unit Status (Default - Compressor Running)	764
5K27	Relay; Unit Status (Default - Compressor Running)	763
5K28	Relay; Unit Status (Default - Latching Alarm)	761
5K29	Relay; Unit Status (Default - Latching Alarm)	760
5K30	Module; (Optional) LTE Interface	874
5K31	Module; (Optional) Air-Fi Interface	874
5Q10	Contact; Customer Supplied Pump Control	790
5S1	Switch; Emergency Stop Feedback	823
5Y1	Module; (Optional) Wi-Fi Antenna	874
6B1	Switch; Evaporator Water Flow	611
6B52	Thermostat; Antifreeze Heater	888
6B53	Thermostat; Antifreeze Heater, Pump Package	884
6BT1	Temperature Sensor; PHR Entering Water Temperature	869
6BT2	Temperature Sensor; PHR Leaving Water Temperature	872
6E50-1	Submersion Heater; BPHE Antifreeze Heater	893
6E50-2	Submersion Heater; Evaporator Shell Antifreeze Heater	894
6E50-3	Submersion Heater; Evaporator Shell Antifreeze Heater	896
6E50-4	Submersion Heater; PHR Enter Water Piping Heater	897
6E50-5	Submersion Heater; PHR 3 Way Valve Heater	898
6E50-6	Submersion Heater; PHR Leaving Water Piping Heater	899
6E50-7	Submersion Heater; PHR BP Heater	900
6E51-1	Submersion Heater; Pump Package	887
6E51-2	Submersion Heater; Pump Package	893
6E51-3	Submersion Heater; Pump Package	895
6E51-4	Submersion Heater; Pump Package	897
6E51-5	Submersion Heater; Pump Package	899
6F20	Fuse; Class J - Pump Package - L1	682
6F21	Fuse; Class J - Pump Package - L2	683
6F22	Fuse; Class J - Pump Package - L3	684
6K50	Module; LLID - Evaporator Pump VSD Control	733
6K51	Module; LLID - Evaporator Pump VSD Fault	708
6K52	Module; LLID - Evaporator Pump VSD Speed Control	719
6M3	Actuator; Bypass Modulating Valve Total Free Cooling	804
6M4	Actuator; Line Modulating Valve, Total Free Cooling	808
6M5	Actuator; 3 Way Modulation Valve, PHR	773
6M14	Motor; Pump Package - Pump 1	682
6M14E1	Motor Heater; Pump Package - Pump 1	889
6M15	Motor; Pump Package - Pump 2	689
6M15E1	Motor Heater; Pump Package - Pump 2	891
6T1	VSD; Pump Package - Pump 1	686
6T2	VSD; Pump Package - Pump 2	693
6X1	Terminal Block; Evaporator Heater Junction Box	884
6X2	Terminal Block, Antifreeze Heater Junction Box	887
6X3	Terminal Block; Motor Heater Junction Box	890
6X4	Terminal Block; Pump Package	719
6X5	Terminal Block; HPCO Circuit 2 Junction Box	618
6X6	Terminal Block; HPCO Circuit 1 Junction Box	620

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

DRAWN BY:	C. PIERCE
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MASTER FILE:	
REVISION DATE:	
REPLACES:	57322800
SIMILAR TO:	
USED BY:	



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CAD: CREO SCHEMATICS

DIAGRAM
SCHEMATIC WIRING

LEGEND
PANEL PARTS AND DESIGNATIONS

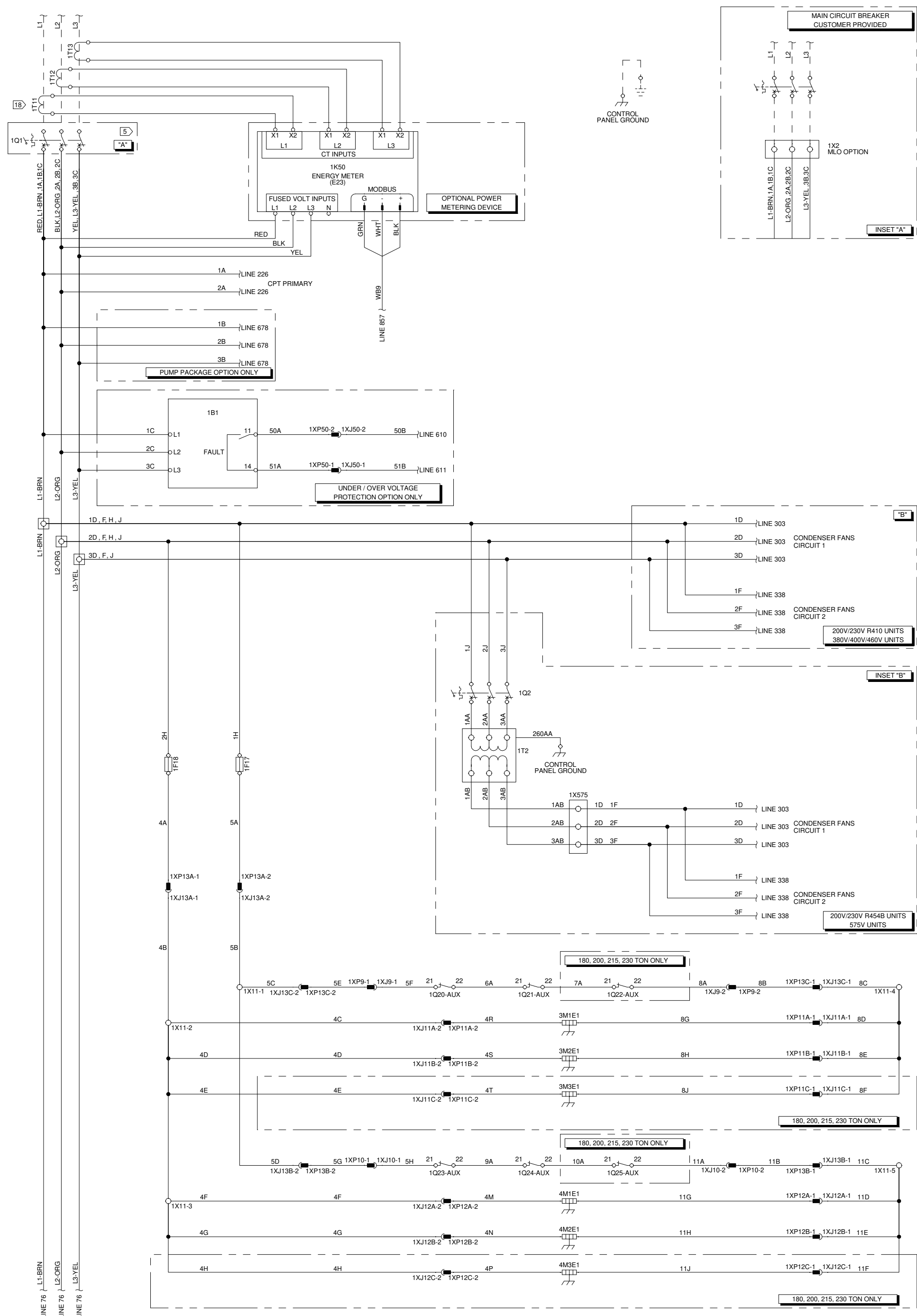
ACSA - ACXA UNIT

DRAWING NUMBER

23115912

SHEET
2 OF 14

REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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CAD: CREO SCHEMATICS

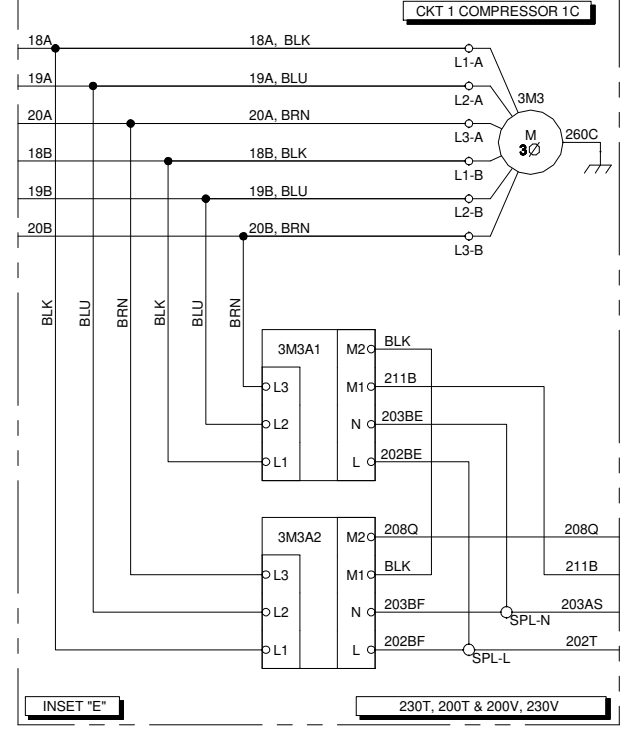
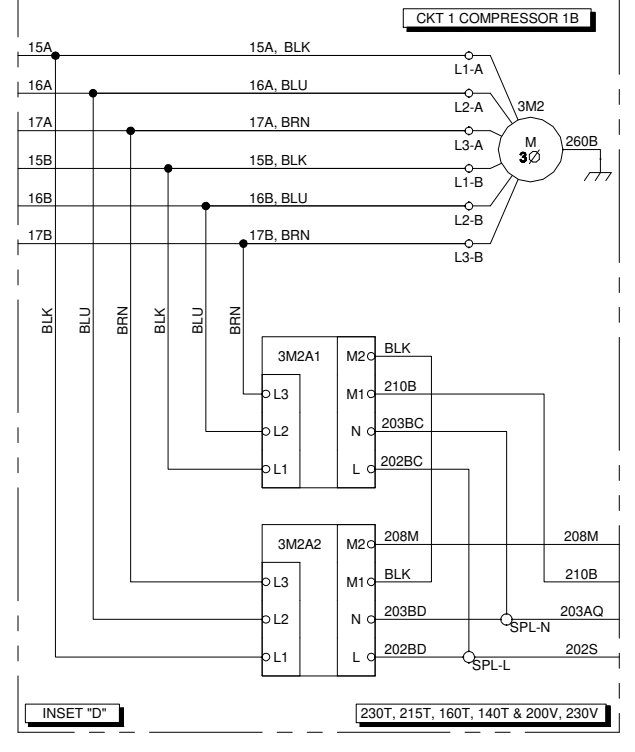
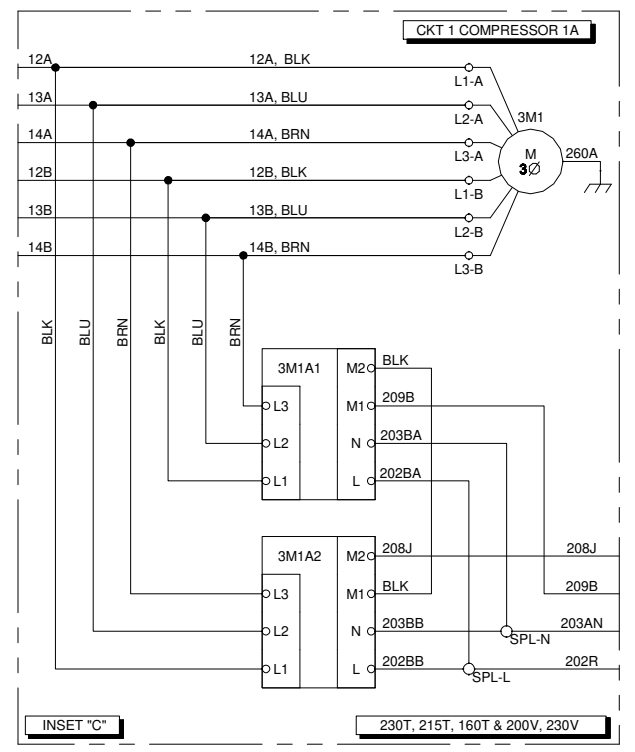
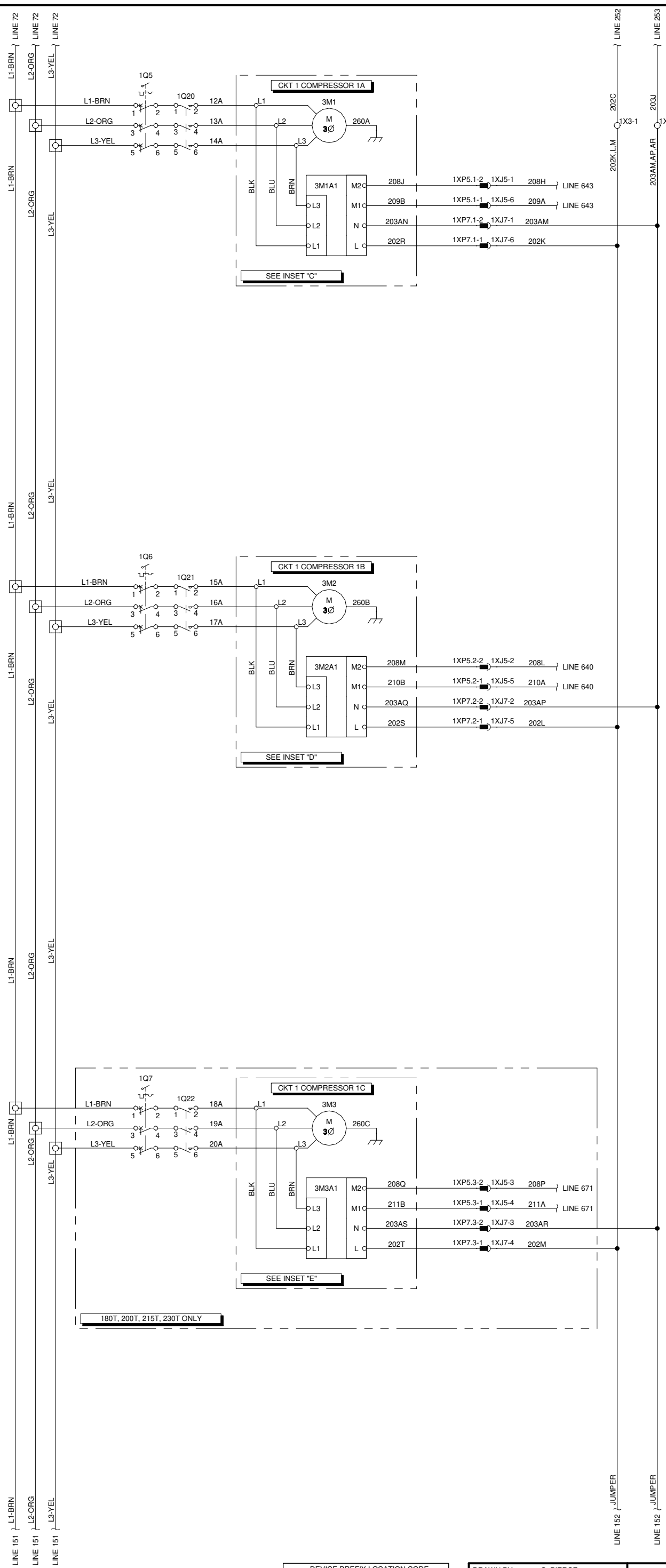
**DIAGRAM
SCHEMATIC WIRING**
POWER DISTRIBUTION

ACSA - ACXA UNIT

DRAWING NUMBER
23115912

SHEET
3 OF 14

REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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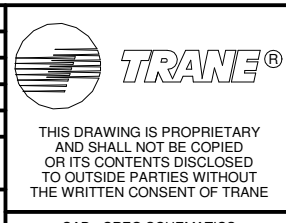
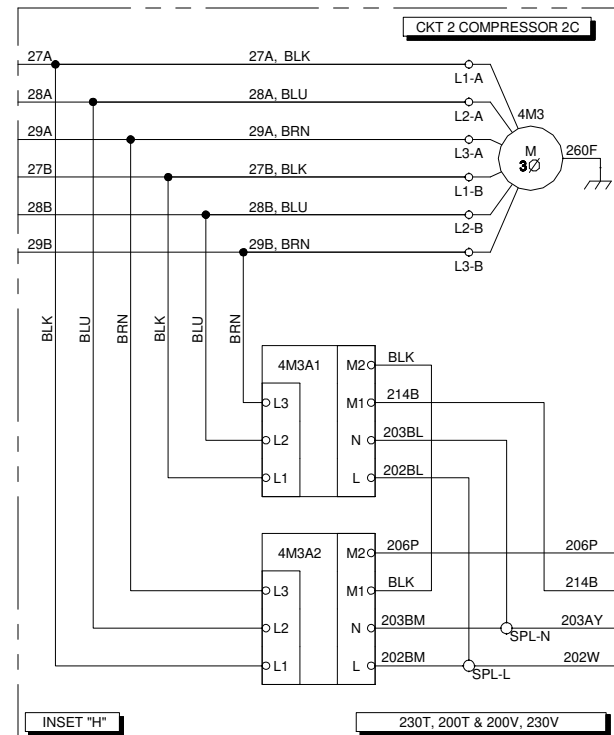
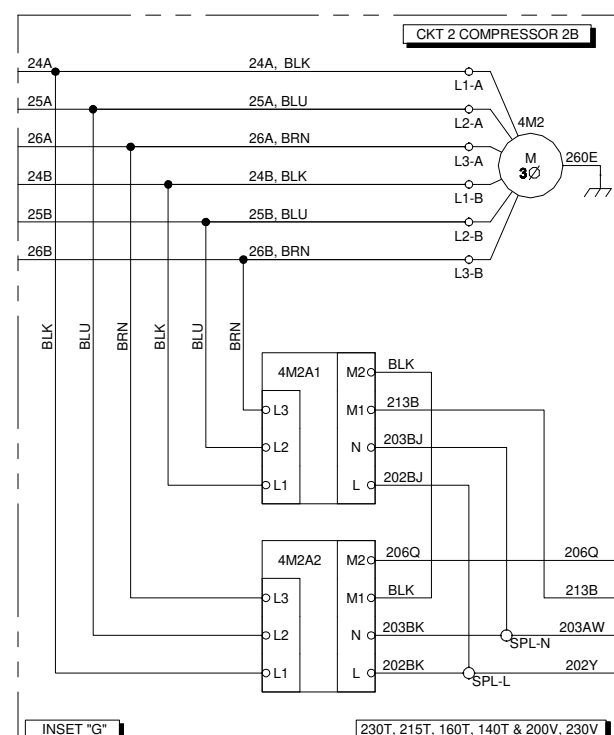
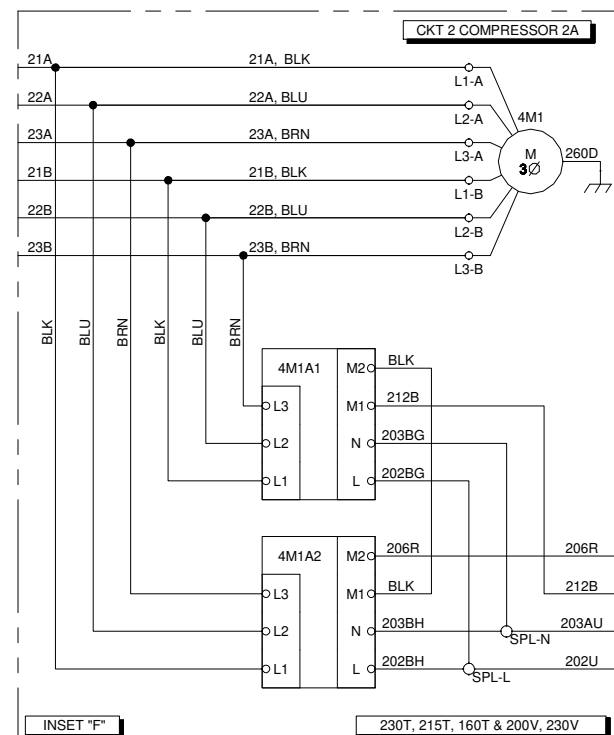
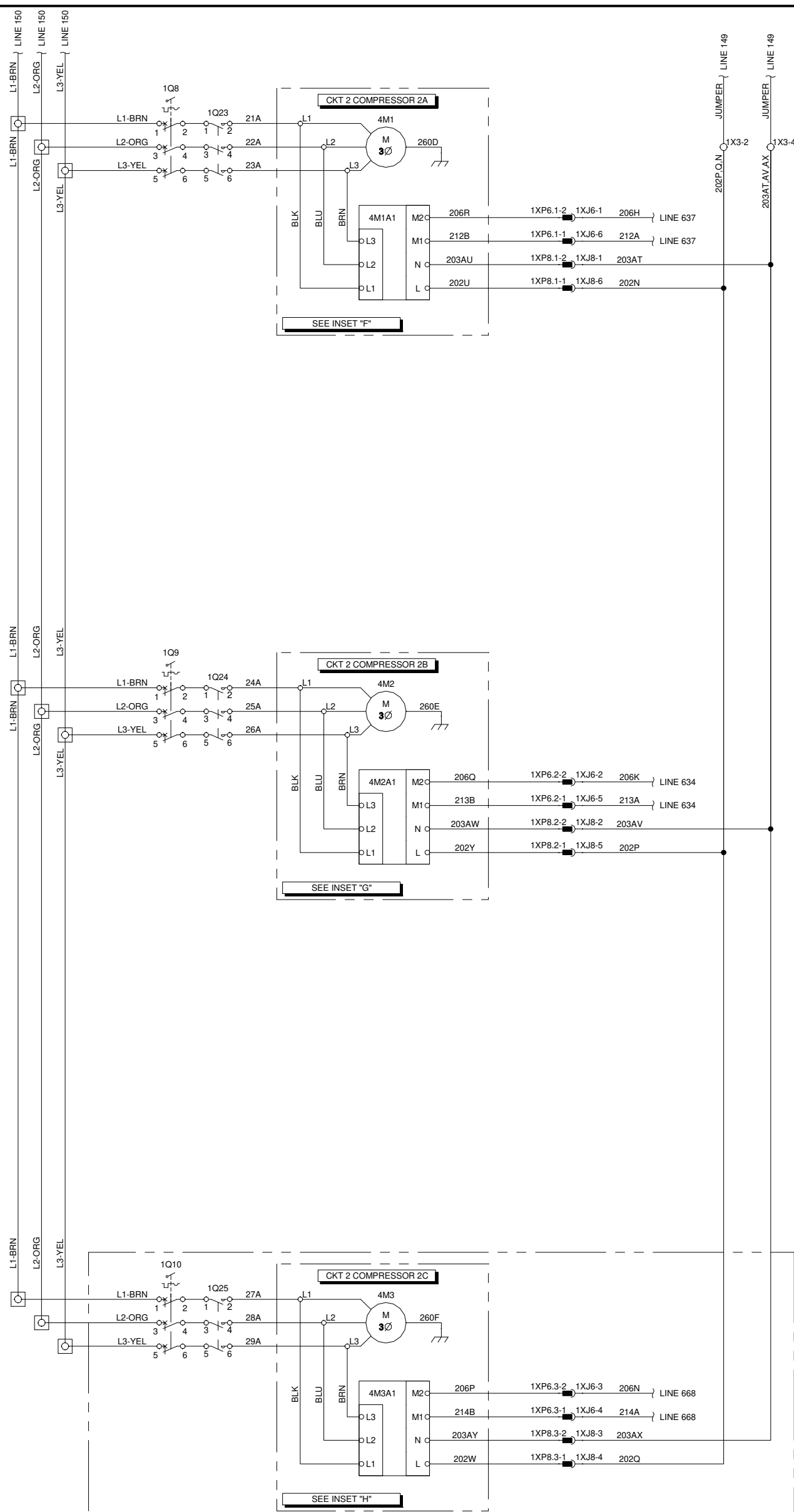
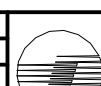


DIAGRAM
SCHEMATIC WIRING
POWER
CIRCUIT 1 COMPRESSORS
ACSA - ACXA UNIT
DRAWING NUMBER
23115912
SHEET
4 OF 14
REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING

POWER
CIRCUIT 2 COMPRESSORS

ACSA - ACXA UNIT

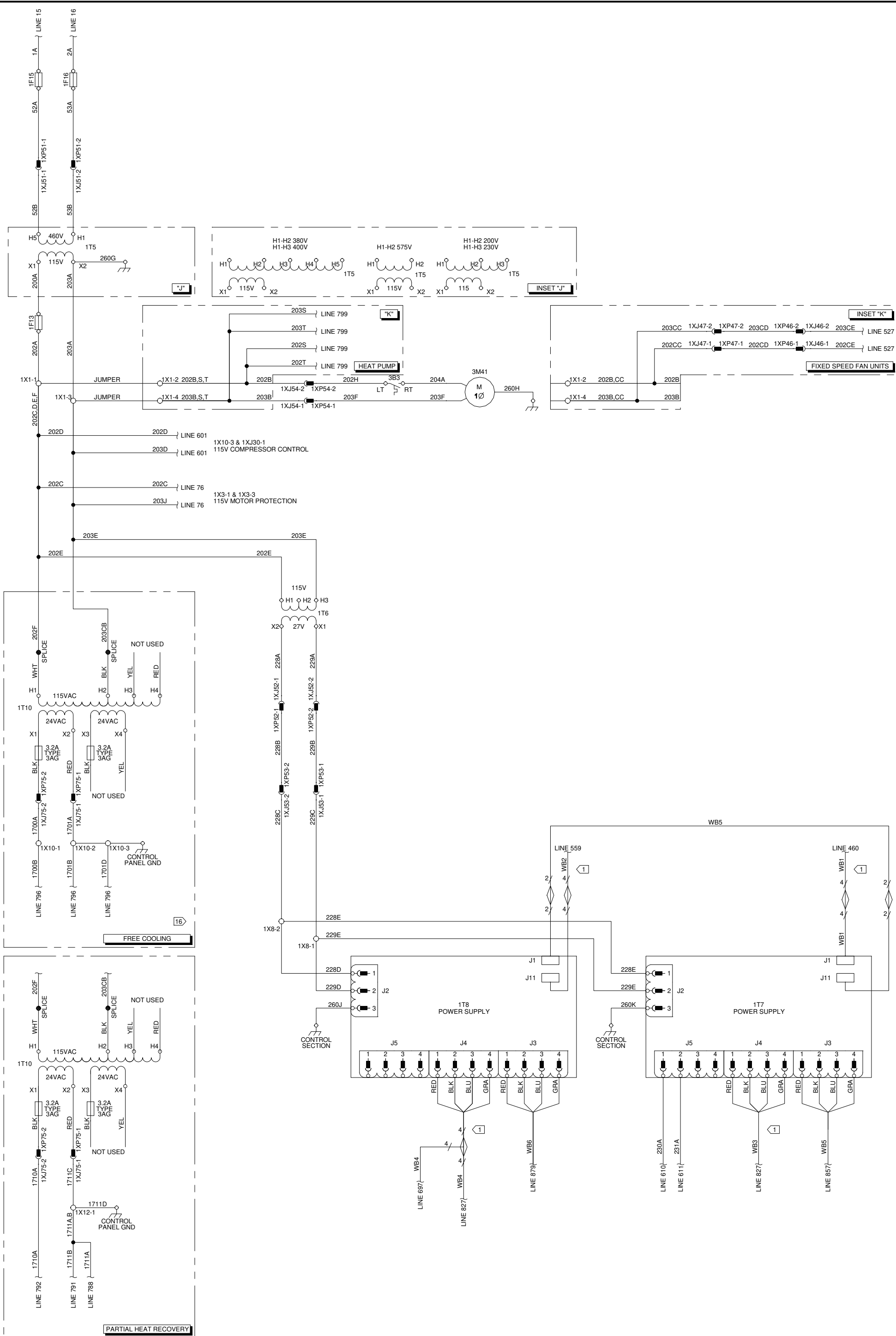
DRAWING NUMBER

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SHEET 5 OF 14

REV

D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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CAD: CREO SCHEMATICS

DIAGRAM
SCHEMATIC WIRING

CONTROLS

TRANSFORMERS AND POWER SUPPLIES

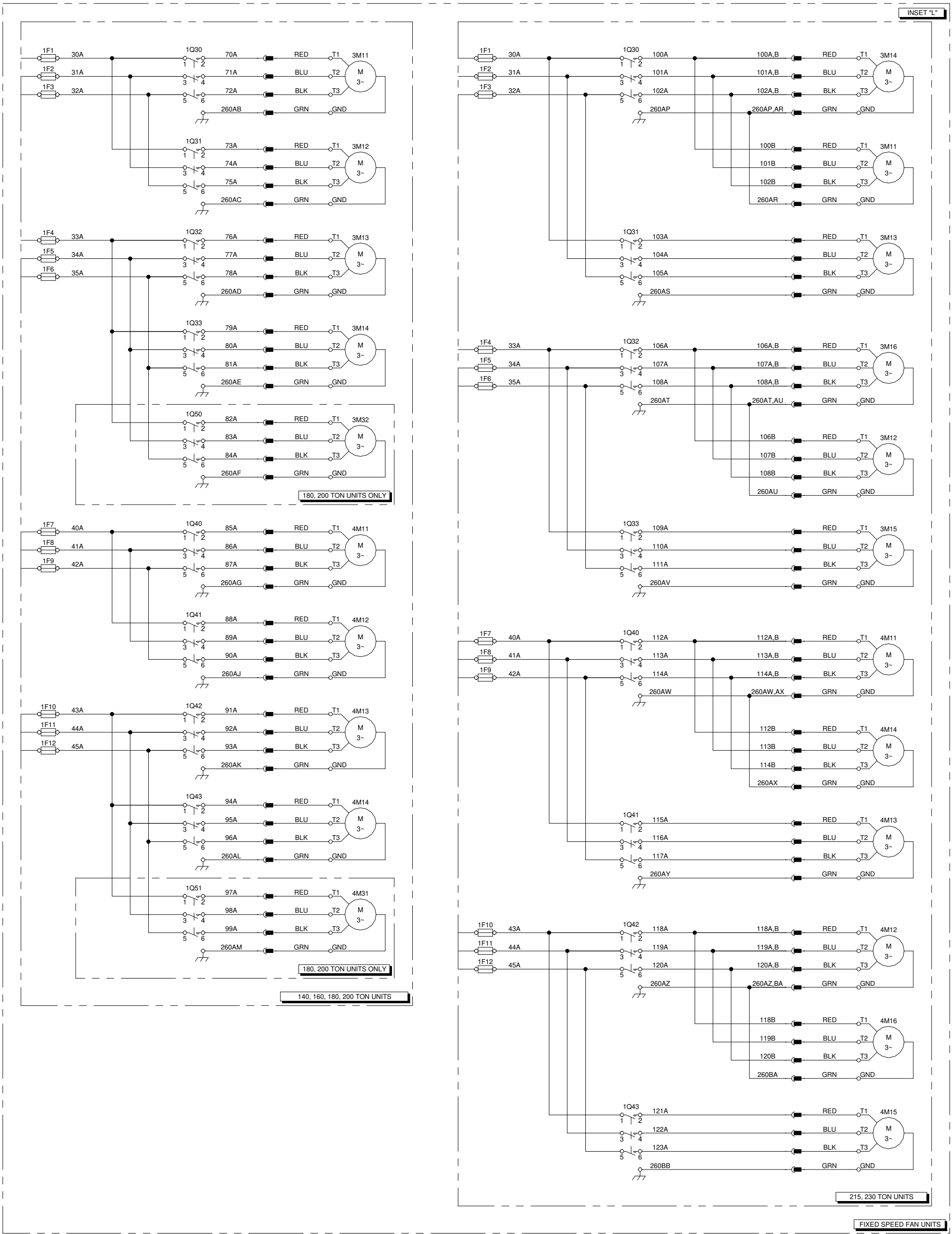
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SHEET
6 OF 14

REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING

POWER
CIRCUIT 1 AND 2 FIXED SPEED CONDENSER FANS

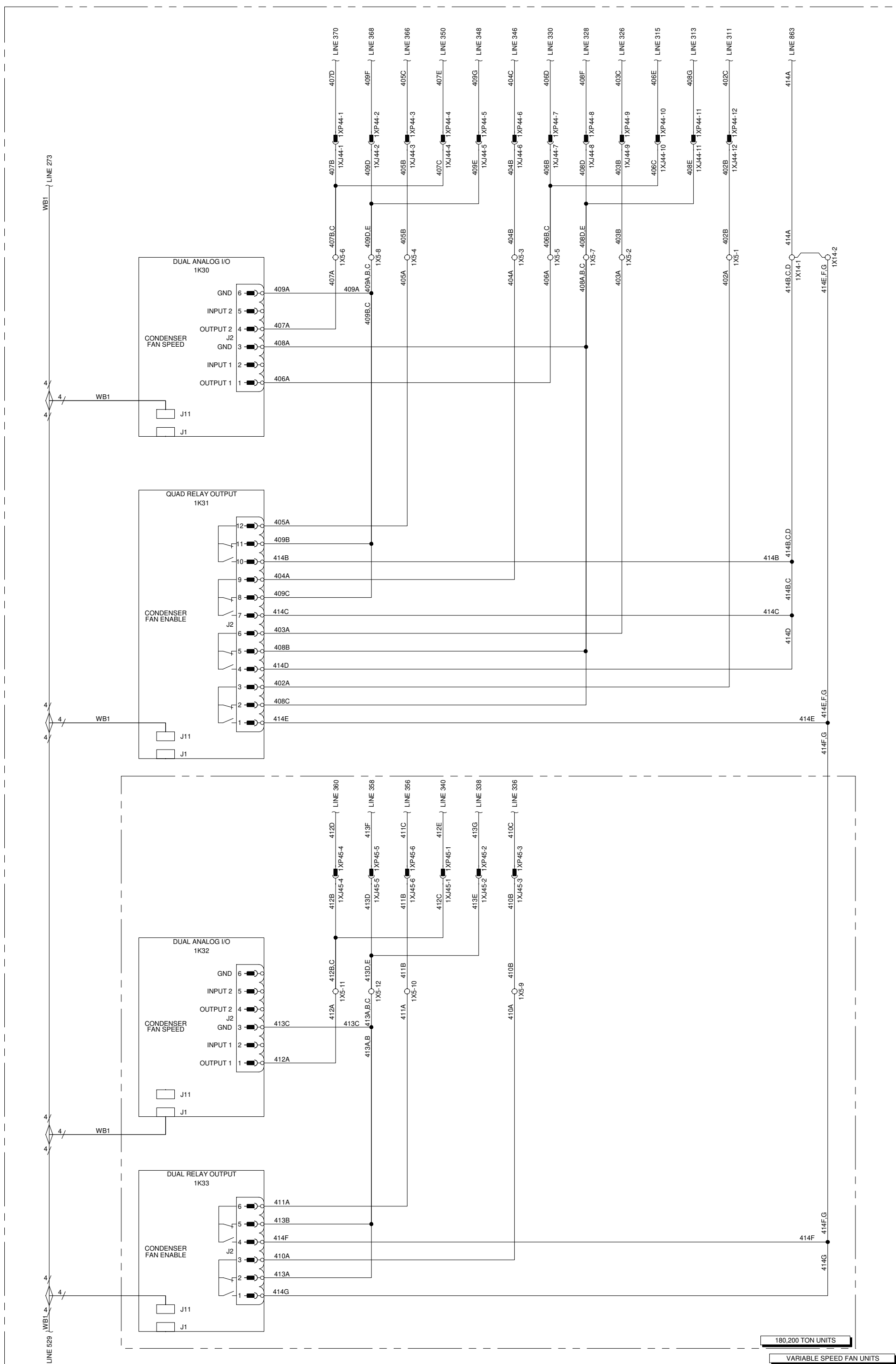
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DRAWING NUMBER

23115912

SHEET
8 OF 14

REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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CAD: CREO SCHEMATICS

DIAGRAM
SCHEMATIC WIRING

CONTROLS

CIRCUIT 1 AND 2 VARIABLE SPEED CONDENSER FANS

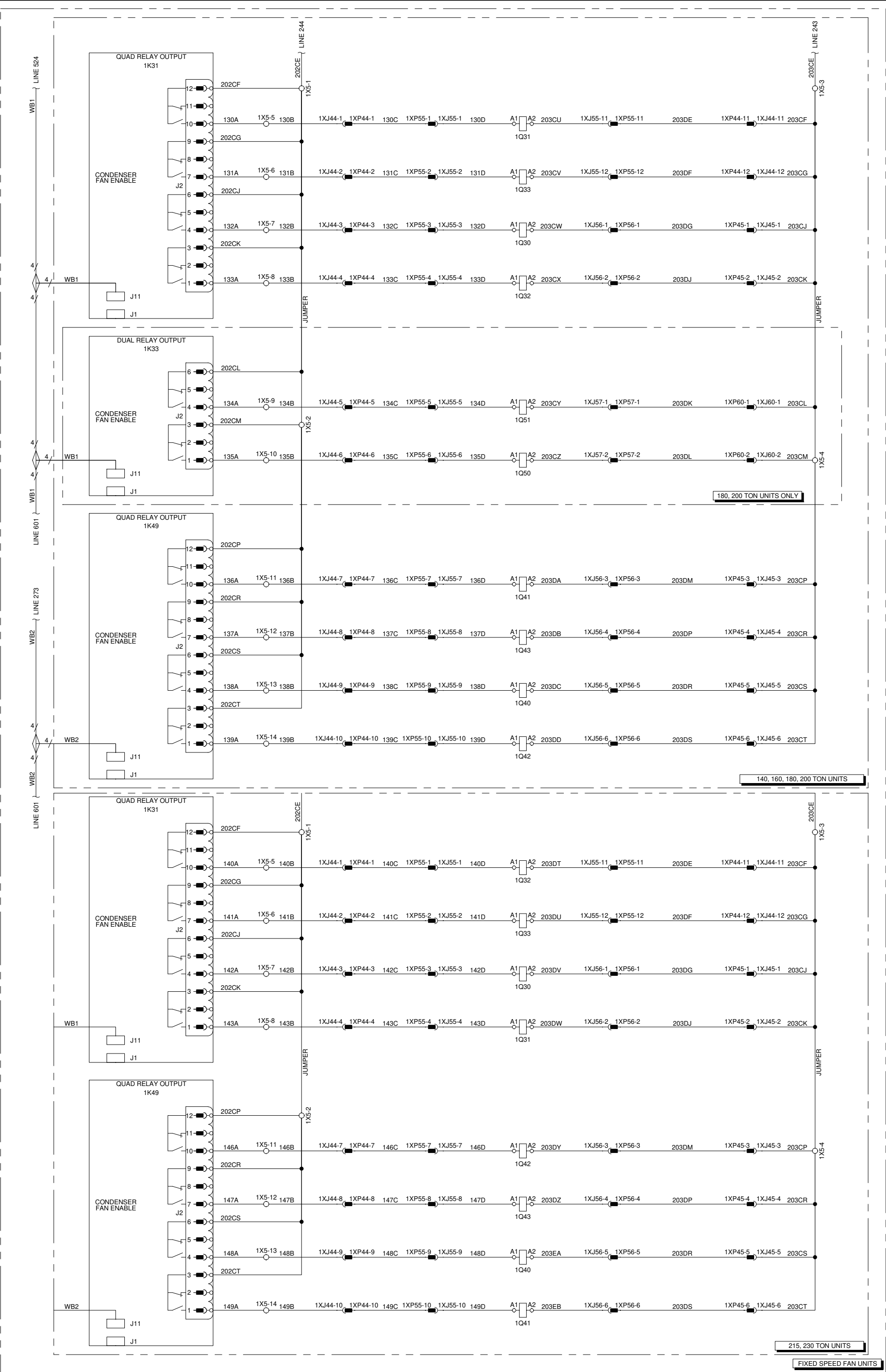
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23115912

SHEET
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REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING

CONTROLS
CIRCUIT 1 AND 2 FIXED SPEED CONDENSER FANS

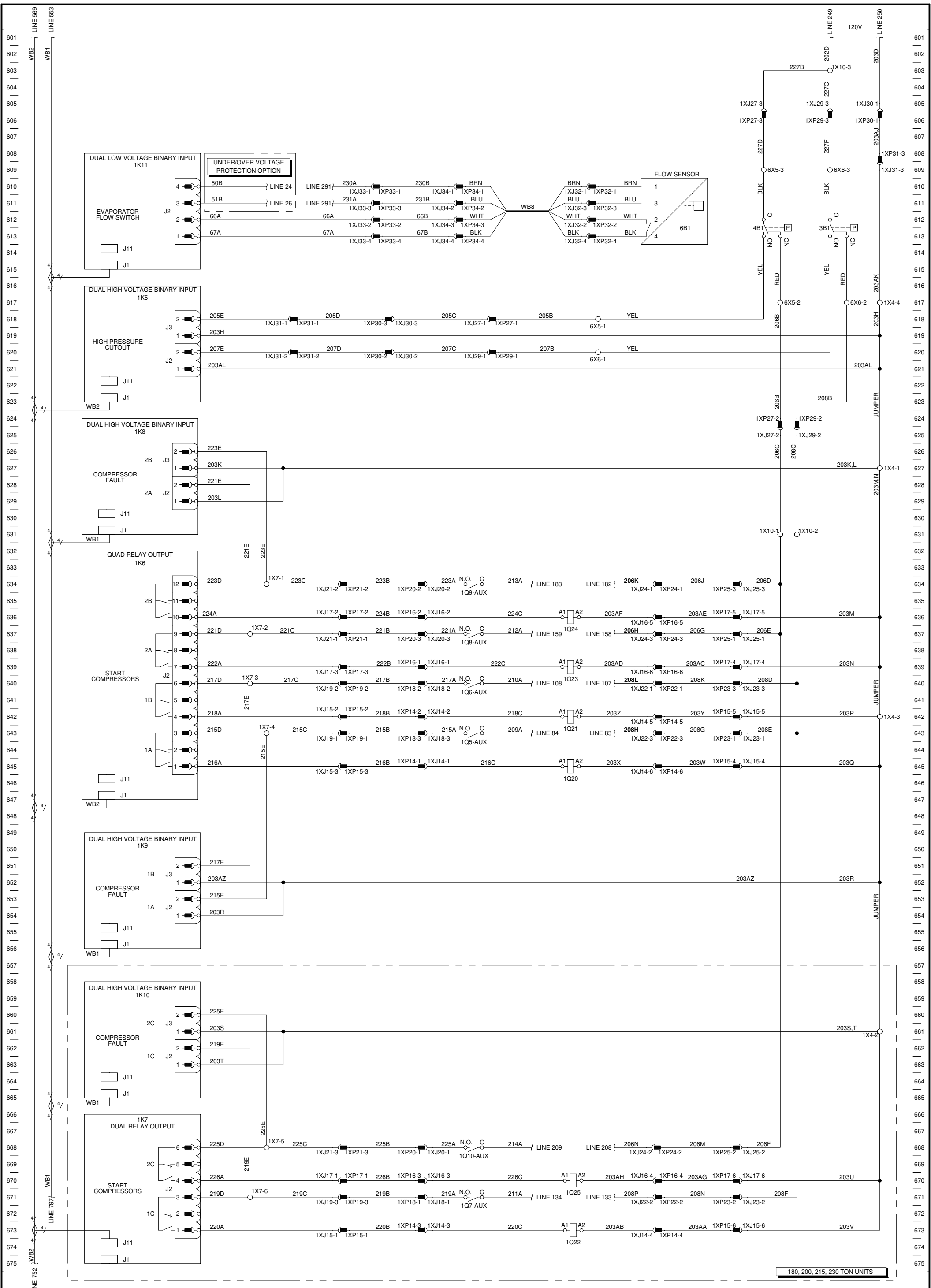
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DRAWING NUMBER

23115912

SHEET
10 OF 14

REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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DIAGRAM
SCHEMATIC WIRING

CONTROLS
CIRCUIT 1 AND 2 COMPRESSORS

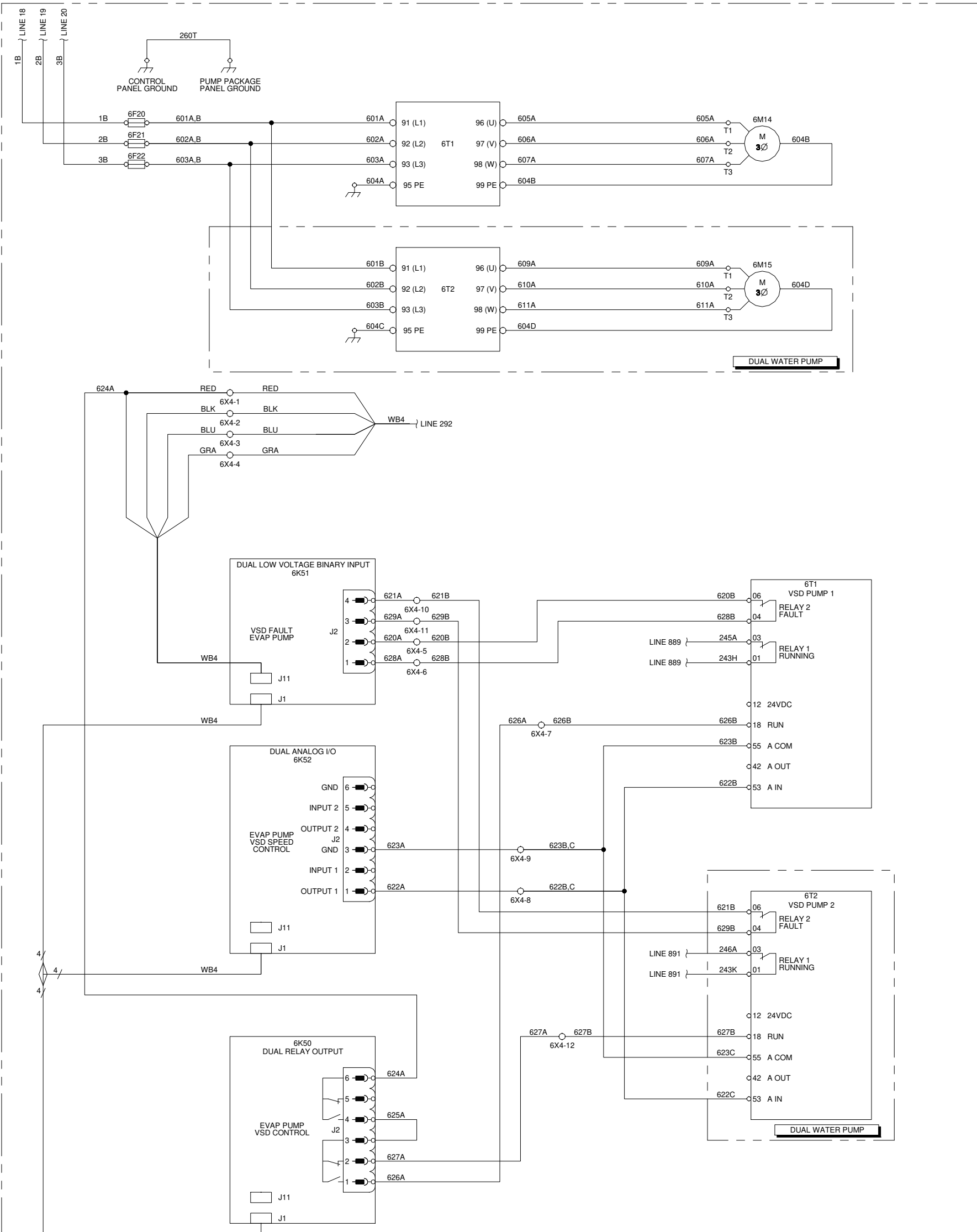
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DRAWING NUMBER

23115912

SHEET
11 OF 14

D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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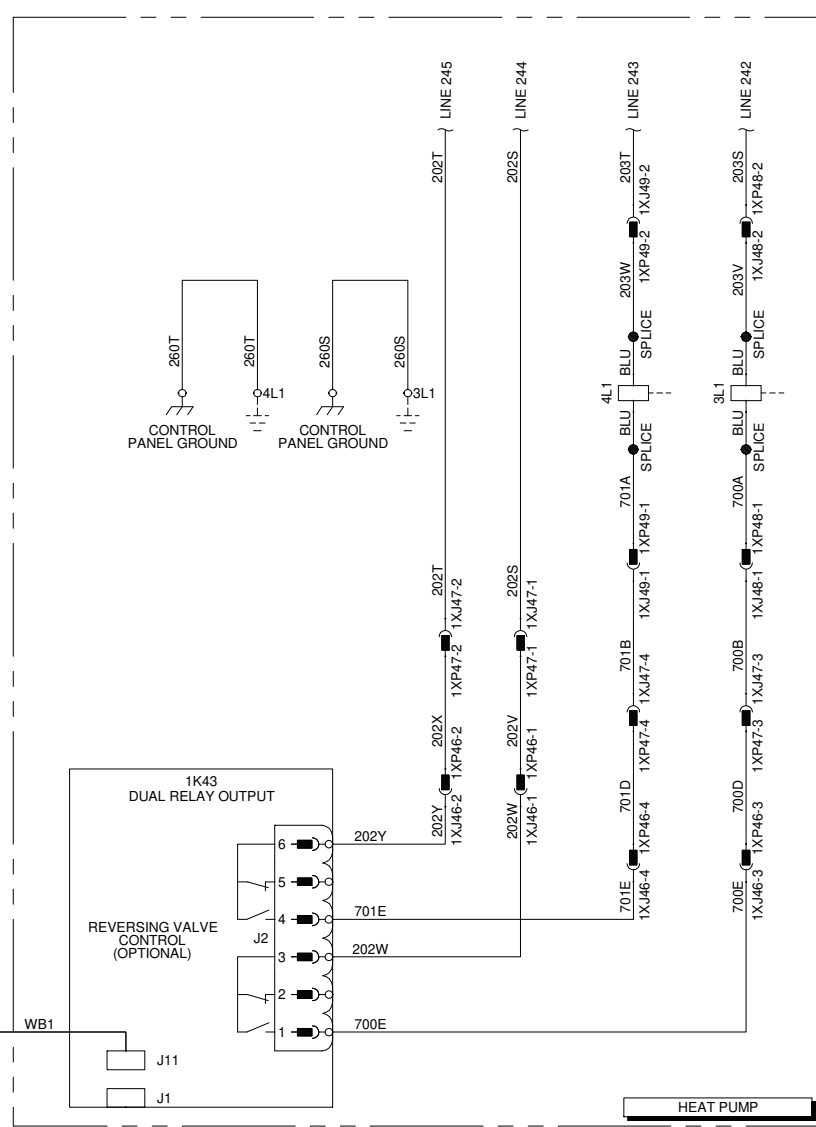
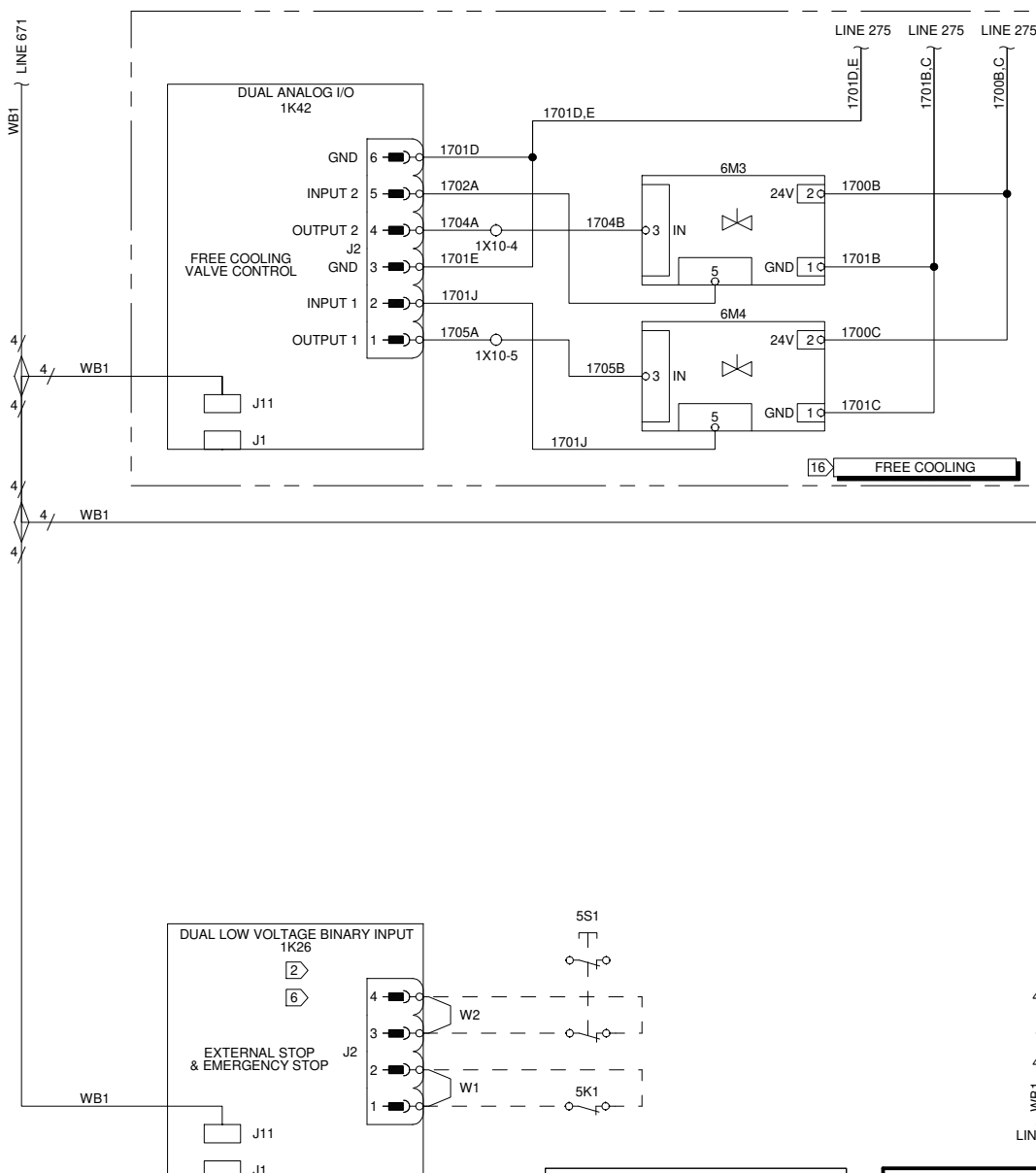
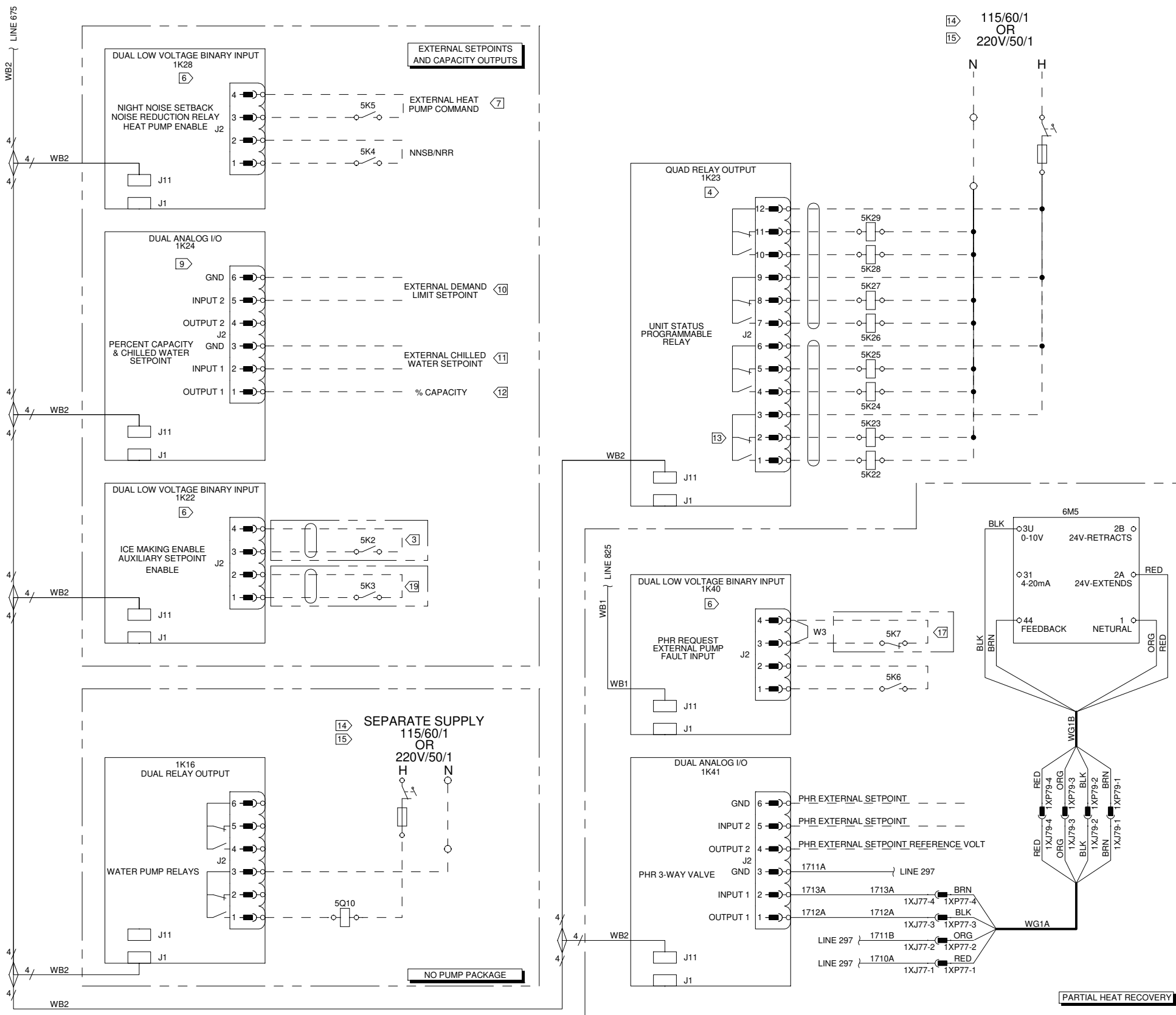
CAD: CREO SCHEMATICS

**DIAGRAM
SCHEMATIC WIRING**
POWER AND CONTROLS
PUMP PACKAGE
ACSA - ACXA UNIT

DRAWING NUMBER
23115912

SHEET
12 OF 14

REV
D



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
3	CIRCUIT 1
4	CIRCUIT 2
5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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DIAGRAM
SCHEMATIC WIRING

CONTROLS
CUSTOMER CONNECTIONS AND HEAT PUMP

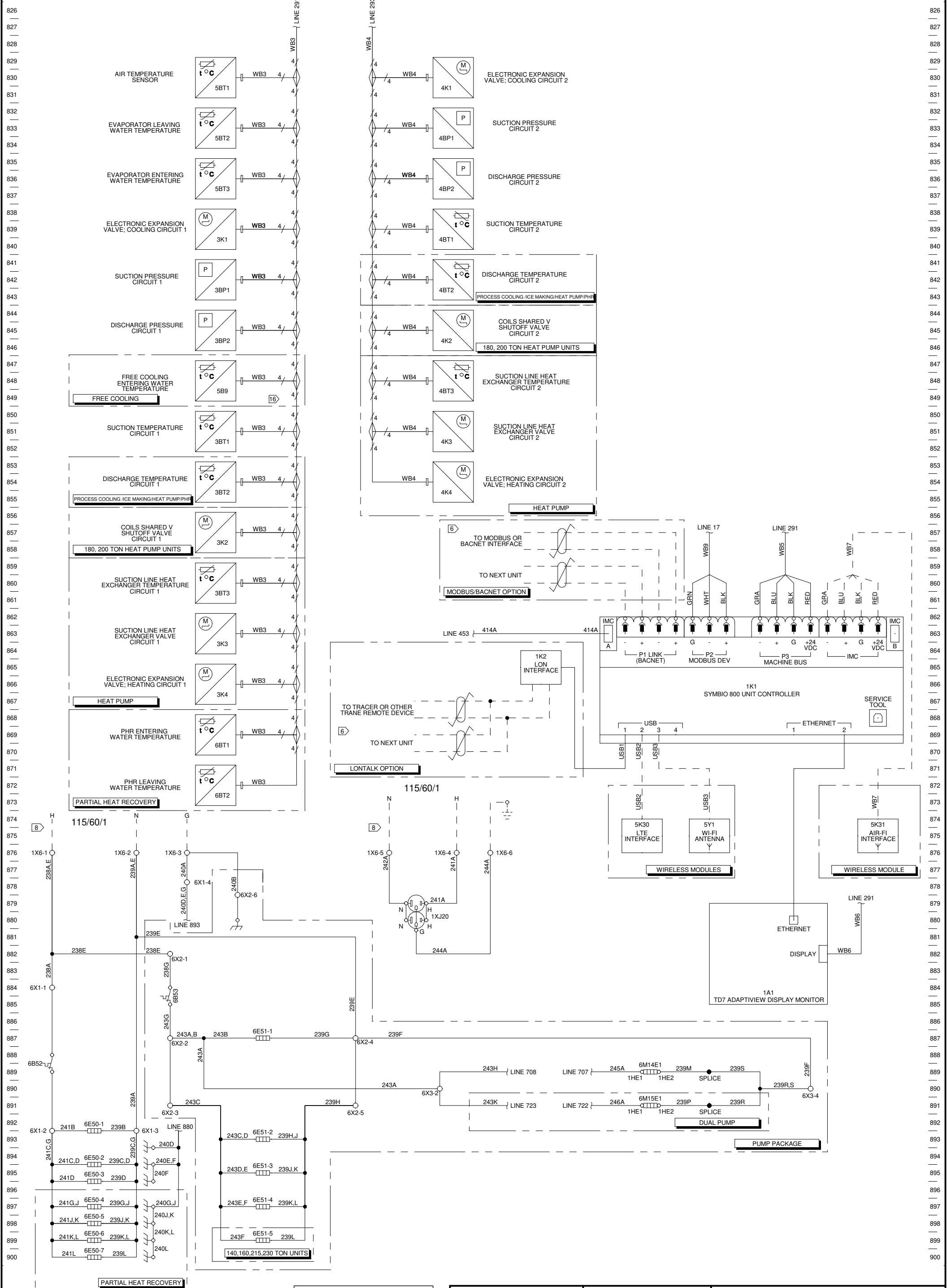
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13 OF 14

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DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
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3	CIRCUIT 1
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5	CUSTOMER REMOTELY INSTALLED
6	UNIT WIRING

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DIAGRAM
SCHEMATIC WIRING

CONTROLS
UNIT SENSORS AND PUMP PACKAGE

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14 OF 14

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