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

1. 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.
2. WIRES REPRESENTED BY DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. WIRES REPRESENTED BY SOLID LINES INDICATE FACTORY INSTALLED WIRING.
3. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE OPTIONAL COMPONENTS/WIRING.
4. 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.
5. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), STATE, AND LOCAL CODES.
6. 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:

- 1 COMPONENT (LLIDS) ARE NOT NECESSARILY WIRED ON THE IPC BUS IN THE ORDER SHOWN ON SCHEMATIC.
- 2 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.
- 3 CONTACT CLOSURE ENABLES ICE MAKING.
- 4 FIELD ASSIGNED PROGRAMMABLE RELAYS.
- 5 ALL UNIT POWER WIRING MUST BE COPPER CONDUCTORS ONLY AND HAVE A MINIMUM INSULATION TEMPERATURE RATING OF 90C.
- 6 CONNECTIONS ARE INTENDED FOR CLASS 2 ONLY.
- 7 ONLY ONE OF THE SHOWN VOLTAGES CAN BE UTILIZED. REFER TO THE UNIT NAMEPLATE FOR THE CORRECT SUPPLY VOLTAGE.
- 8 POWER FOR THE EVAPORATOR HEATER AND/OR OPTIONAL CONVENIENCE OUTLET IS SUPPLIED BY A CUSTOMER PROVIDED POWER SUPPLY, MAX FUSE SIZE IS 20 AMPS FOR EVAPORATORS AND 25 AMPS FOR OPTIONAL CONVENIENCE OUTLET.
- 9 WIRING FOR 1K24 AS SHOWN IN INSET WHEN CHILLED WATER SETPOINT IS ENABLED VIA MODULE 1K25.
- 10 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.
- 11 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.
- 12 TERMINALS 1 & 3 ARE TO BE WIRED TO REPORT % CAPACITY. OUTPUT CONFIGURED 2-10 VDC.
- 13 WIRES 4B, 5B, 6B, 7B, 8B, 9B ONLY PRESENT WHEN PARALLEL WIRE SETS ARE USED.
- 14 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.
- 15 SEE AFD PARAMETER LABEL X39003970 FOR ADDITIONAL CONFIGURATION INFORMATION.
- 16 CUSTOMER SUPPLIED POWER 115/60/1PH OR 230/50/1PH 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.
- 17 OPTIONAL HIGH AND WIDE AMBIENT CONFIGURATIONS, REFERENCE SHEET 13.
- 18 SHIELDING TO BE GROUNDED AT THE JUNCTION BOX ONLY.
- 19 OPTIONAL TOTAL FREE COOLING (FUTURE OPTION).

⚠️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 A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS. UN MANQUEMENT À LA PROCÉDURE CI-DESSUS PEUT ENTRAÎNER DES BLESSURES GRAVES, VOIRE LA MORT.

⚠️ADVERTENCIA

¡VOLTAJE PELIGROSO!

DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON TRANSMISIÓN 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 MATÉRIAUX, AUTRES QUE LE CUIVRE, PEUT ENDOMMAGER L'ÉQUIPEMENT. CELUI-CI N'AYANT PAS ÉTÉ CONÇU OU HOMOLOGUÉ POUR ACCEPTER D'AUTRES TYPES DE CONDUCTEURS.

AVISO

¡UTILICE CONDUCTORES DE COBRE SOLAMENTE! SI NO UTILIZA CONDUCTORES DE COBRE, EL EQUIPO PODRÍA SUFRIR DAÑOS, YA QUE NO HA SIDO DISEÑADO NI CALIFICADO PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

DRAWN BY: M. SIERRA

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REPLACES:

SIMILAR TO:

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CAD: CREO SCHEMATICS

DIAGRAM
SCHEMATIC WIRING

TABLE OF CONTENTS
NOTES AND FUSE REPLACEMENT TABLE

ACSA UNIT

DRAWING NUMBER

57320011

SHEET
1 OF 12

REV

F

DEVICE	DESCRIPTION	ZONE
1A1	Adaptview Touchscreen Display	724
1B1	Module; Under/Over Voltage Protection Relay	24
1F1	Fuse; Class CC - Condenser Fan Motor	304
1F2	Fuse; Class CC - Condenser Fan Motor	305
1F3	Fuse; Class CC - Condenser Fan Motor	306
1F4	Fuse; Class CC - Condenser Fan Motor	319
1F5	Fuse; Class CC - Condenser Fan Motor	320
1F6	Fuse; Class CC - Condenser Fan Motor	321
1F7	Fuse; Class CC - Condenser Fan Motor	339
1F8	Fuse; Class CC - Condenser Fan Motor	340
1F9	Fuse; Class CC - Condenser Fan Motor	341
1F10	Fuse; Class CC - Condenser Fan Motor	359
1F11	Fuse; Class CC - Condenser Fan Motor	360
1F12	Fuse; Class CC - Condenser Fan Motor	361
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	Module; Tracer UC800 Unit Controller	708
1K2	Module; LLID - (Optional) Interface COMM 5, LCI-C	665
1K5	Module; LLID - High Pressure Cutout	471
1K6	Module; LLID - Start Compressors 1A, 1B, 2A, 2B	495
1K7	Module; LLID - Start Compressors 1C, 2C	523
1K8	Module; LLID - Compressors Fault 2A, 2B	479
1K9	Module; LLID - Compressors Fault 1A, 1B	504
1K10	Module; LLID - Compressors Fault 1C, 2C	513
1K11	Module; LLID - Evaporator Flow Switch & Phases Fault	463
1K16	Module; LLID - Chilled Water Pump Controls	640
1K22	Module; LLID - (Optional) Ice Making Control	626
1K23	Module; LLID - (Optional) Unit Status Programmable Relay	621
1K24	Module; LLID - (Optional) Percent Capacity & Chilled Water Setpoint	617
1K26	Module; LLID - External Stop & Emergency Stop	675
1K28	Module; LLID - Night Noise Set Back/Noise Reduction Relay	607
1K30	Module; LLID - Condenser Fan Speed	396
1K31	Module; LLID - Condenser Fan Enable	415
1K32	Module; LLID - Condenser Fan Speed	434
1K33	Module; LLID - Condenser Fan Enable	447
1K42	Module; LLID - Total Free Cooling, Modulating Valves Actuator	654
1Q1	Circuit Breaker; Power Distribution	5
1Q2	Circuit Breaker; Power Distribution - 575V Transformer	39
1Q5	Circuit Breaker; Power Distribution Circuit 1A	81
1Q5-AUX	Circuit Breaker Auxiliary Contact - Compressor 1A Start	493
1Q6	Circuit Breaker; Power Distribution Circuit 1B	105
1Q6-AUX	Circuit Breaker Auxiliary Contact - Compressor 1B Start	490
1Q7	Circuit Breaker; Power Distribution Circuit 1C	131
1Q7-AUX	Circuit Breaker Auxiliary Contact - Compressor 1C Start	521
1Q8	Circuit Breaker; Power Distribution Circuit 2A	156
1Q8-AUX	Circuit Breaker Auxiliary Contact - Compressor 2A Start	487
1Q9	Circuit Breaker; Power Distribution Circuit 2B	180
1Q9-AUX	Circuit Breaker Auxiliary Contact - Compressor 2B Start	484
1Q10	Circuit Breaker; Power Distribution Circuit 2C	206
1Q10-AUX	Circuit Breaker Auxiliary Contact - Compressor 2C Start	518
1Q20	Contact; Compressor 1A, Circuit 1	495
1Q20-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 1	55
1Q21	Contact; Compressor 1B, Circuit 1	492
1Q21-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 1	55
1Q22	Contact; Compressor 1C, Circuit 1	523
1Q22-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 1	55
1Q23	Contact; Compressor 2A, Circuit 2	489
1Q23-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 2	65
1Q24	Contact; Compressor 2B, Circuit 2	486
1Q24-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 2	65
1Q25	Contact; Compressor 2C, Circuit 2	520
1Q25-AUX	Contact; Auxiliary Contact - Crankcase Heater Controls Circuit 2	65
1T2	Transformer; 575V Fan Power	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
1T11	Transformer; CLASS 1; 180VA, 115V PRI, 27V SEC - Free Cooling	277
1X1	Terminal Block; Control Power Transformer	246
1X2	Terminal Block; Power Distribution	8
1X3	Terminal Block; Neutral Distribution	80
1X5	Terminal Block; Condensor Fan Controls	389
1X6	Terminal Block; Customer Connection	726
1X7	Terminal Block; Unit Side Wiring	484
1X8	Terminal Block; 27VAC Power Distribution	278
1X11	Terminal Block; Crank Case Heater	55
1X12	Terminal Block; Total Free Cooling Controls	280
1X575	Terminal Block; Power Distribution 575V Fan Power	45
1XJ1	Plug; Condenser Fan Power Circuit 1 - Bank 1	304
1XJ2	Plug; Condenser Fan Power Circuit 1 - Bank 2/3	319
1XJ3	Plug; Condenser Fan Power Circuit 2 - Bank 1	339
1XJ4	Plug; Condenser Fan Power Circuit 2 - Bank 2/3	359
1XJ5	Jack; Motor Protection Module Control Circuit 1	83
1XJ6	Jack; Motor Protection Module Control Circuit 2	158
1XJ7	Jack; Motor Protection Module Control Circuit 1	85
1XJ8	Jack; Motor Protection Module Control Circuit 2	160
1XJ20	Jack; Convenience Outlet	729
1XJ35	Jack; Condenser Fan Controls	368
1XJ36	Jack, Condenser Fan Controls	313
1XJ38	Jack; Condenser Fan Controls	358
1XJ44	Jack; Condenser Fan Controls	383
1XJ45	Jack; Condenser Fan Controls	424
1XP1	Jack; Condenser Fan Power Circuit 1 - Bank 1	304
1XP2	Jack; Condenser Fan Power Circuit 1 - Bank 2/3	319
1XP3	Jack; Condenser Fan Power Circuit 2 - Bank 1	339
1XP4	Jack; Condenser Fan Power Circuit 2 - Bank 2/3	359
1XP5.1	Plug; Motor Protection Module Control - Compressor 1A	83
1XP5.2	Plug; Motor Protection Module Control - Compressor 1B	107
1XP5.3	Plug; Motor Protection Module Control - Compressor 1C	133
1XP6.1	Plug; Motor Porction Module Control - Compressor 2A	158
1XP6.2	Plug; Motor Porction Module Control - Compressor 2B	182
1XP6.3	Plug; Motor Porction Module Control - Compressor 2C	208
1XP7.1	Plug; Motor Protection Module Control - Compressor 1A	85
1XP7.2	Plug; Motor Protection Module Control - Compressor 1B	109
1XP7.3	Plug; Motor Protection Module Control - Compressor 1C	135
1XP8.1	Plug; Motor Porction Module Control - Compressor 2A	160
1XP8.2	Plug; Motor Porction Module Control - Compressor 2B	184
1XP8.3	Plug; Motor Porction Module Control - Compressor 2C	210
1XP35	Plug; Condenser Fan Controls	368
1XP36	Plug; Condenser Fan Controls	313
1XP38	Plug; Condenser Fan Controls	358
1XP44	Plug; Condenser Fan Controls	382
1XP45	Plug; Condenser Fan Controls	423

DEVICE	DESCRIPTION	ZONE
3B1	Switch; High Pressure Cutout - Circuit 1	462
3B3	Temperature Switch; Ventilation Fan Enable	246
3BP1	Pressure Transducer; Suction Pressure - Circuit 1	698
3BP2	Pressure Transducer; Discharge Pressure - Circuit 1	702
3BT1	Temperature Sensor; Suction Temperature - Circuit 1	714
3BT2	Temperature Sensor; Discharge Temperature - Circuit 1	718
3K1	Electronic Expansion Valve; Circuit 1	694
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	304
3M12	Motor; Condenser Fan - Circuit 1	319
3M13	Motor; Condenser Fan - Circuit 1	309
3M14	Motor; Condenser Fan - Circuit 1	324
3M15	Motor; Condenser Fan - Circuit 1	314
3M16	Motor; Condenser Fan - Circuit 1	329
3M32	Motor; Condenser Fan - Circuit 1	334
3M41	Motor; Ventilation Fan 1	247

DEVICE	DESCRIPTION	ZONE
4B1	Switch; High Pressure Cutout - Circuit 2	462
4BP1	Pressure Transducer; Suction Pressure - Circuit 2	686
4BP2	Pressure Transducer; Discharge Pressure Circuit 2	690
4BT1	Temperature Sensor; Suction - Circuit 2	694
4BT2	Temperature Sensor; Discharge Temperature - Circuit 2	698
4K1	Electronic Expansion Valve - Circuit 2	682
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	339
4M12	Motor; Condenser Fan - Circuit 2	359
4M13	Motor; Condenser Fan - Circuit 2	344
4M14	Motor; Condenser Fan - Circuit 2	364
4M15	Motor; Condenser Fan - Circuit 2	349
4M16	Motor; Condenser Fan - Circuit 2	369
4M31	Motor; Condenser Fan - Circuit 2	354

DEVICE	DESCRIPTION	ZONE
5B9	Temperature Sensor; Free Cooling Entering Water Temperature	710
5BT1	Temperature Sensor; Outdoor Air Sensor	682
5BT2	Temperature Sensor; Evaporator Leaving Water Temperature	686
5BT3	Temperature Sensor; Evaporator Entering Water Temperature	690
5K1	Relay; External Auto Stop	675
5K2	Relay; Ice Making Control Enable	624
5K3	Relay; Auxilliary Setpoint Enable	626
5K4	Relay; NNSB/NRR	607
5K22	Relay; Unit Status (Default - Evaporator Freeze Avoidance Request)	621
5K23	Relay; Unit Status (Default - Evaporator Freeze Avoidance Request)	620
5K24	Relay; Unit Status (Default - Maximum Capacity)	618
5K25	Relay; Unit Status (Default - Maximum Capacity)	617
5K26	Relay; Unit Status (Default - Compressor Running)	615
5K27	Relay; Unit Status (Default - Compressor Running)	614
5K28	Relay; Unit Status (Default - Latching Alarm)	612
5K29	Relay; Unit Status (Default - Latching Alarm)	611
5Q10	Contact; Customer Supplied Pump Control	640
5S1	Switch; Emergency Stop Feedback	673

DEVICE	DESCRIPTION	ZONE
6B1	Switch; Evaporator Water Flow	461
6B52	Thermostat; Antifreeze Heater	738
6B53	Thermostat; Antifreez Heater, Pump Package	734
6E50-1	Submersion Heater; BPHE Antifreeze Heater	744
6E50-2	Submersion Heater; Evaporator Shell Antifreeze Heater	747
6E50-3	Submersion Heater; Evaporator Shell Antifreeze Heater	748
6E51-1	Submersion Heater; Pump Package	737
6E51-2	Submersion Heater; Pump Package	743
6E51-3	Submersion Heater; Pump Package	745
6E51-4	Submersion Heater; Pump Package	747
6E51-5	Submersion Heater; Pump Package	749
6F20	Fuse; Class CC - Pump Package - L1	532
6F21	Fuse; Class CC - Pump Package - L2	533
6F22	Fuse; Class CC - Pump Package - L3	534
6K50	Module; Evaporator Pump VSD Control	583
6K51	Module; Evaporator Pump VSD Fault	558
6K52	Module; Evaporator Pump VSD Speed Control	569
6M3	Actuator; Bypass Modulating Valve Total Free Cooling	654
6M4	Actuator; Line Modulating Valve, Total Free Cooling	658
6M14	Motor; Pump Package - Pump 1	532
6M14E1	Motor Heater; Pump Package - Pump 1	739
6M15	Motor; Pump Package - Pump 2	539
6M15E1	Motor Heater; Pump Package - Pump 2	741
6T1	VSD; Pump Package - Pump 1	536
6T2	VSD; Pump Package - Pump 2	543
6X1	Terminal Block; Evaporator Heater Junction Box	734
6X2	Terminal Block, Antifreeze Heater Junction Box	737
6X3	Terminal Block; VSD Heater Junction Box	740
6X4	Terminal Block; Pump Package	569
6X5	Terminal Block; HPCO Circuit 2 Junction Box	468
6X6	Terminal Block; HPCO Circuit 1 Junction Box	470

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: M. SIERRA

© TRANE DATE: 22 AUG 2017

MASTER FILE:

REVISION DATE: 08 AUG 2019

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CAD: CREO SCHEMATICS

DIAGRAM
SCHEMATIC WIRING

LEGEND
PANEL PARTS AND DESIGNATIONS

ACSA UNIT

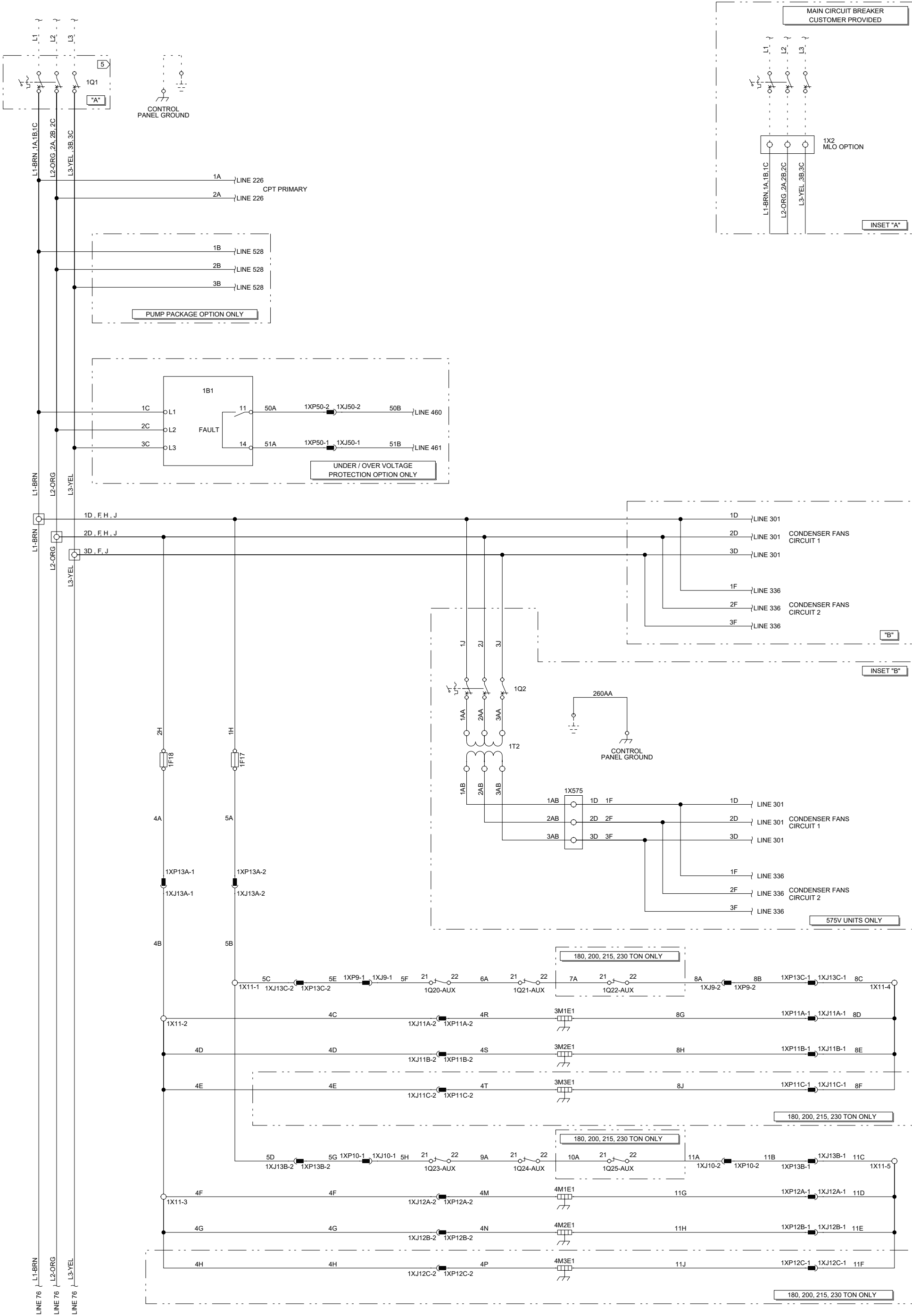
DRAWING NUMBER

57320011

REV

F

SHEET
2 OF 12



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
2	CONTROL PANEL 2
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CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING

POWER DISTRIBUTION

ACSA UNIT

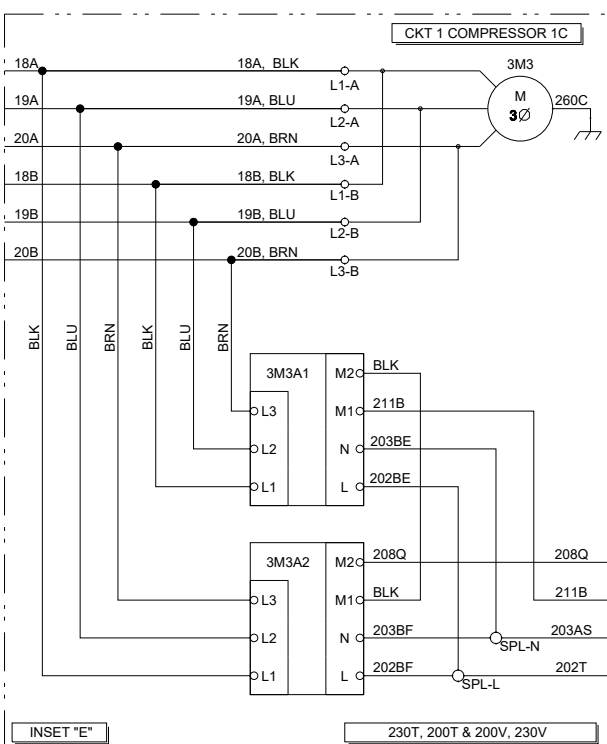
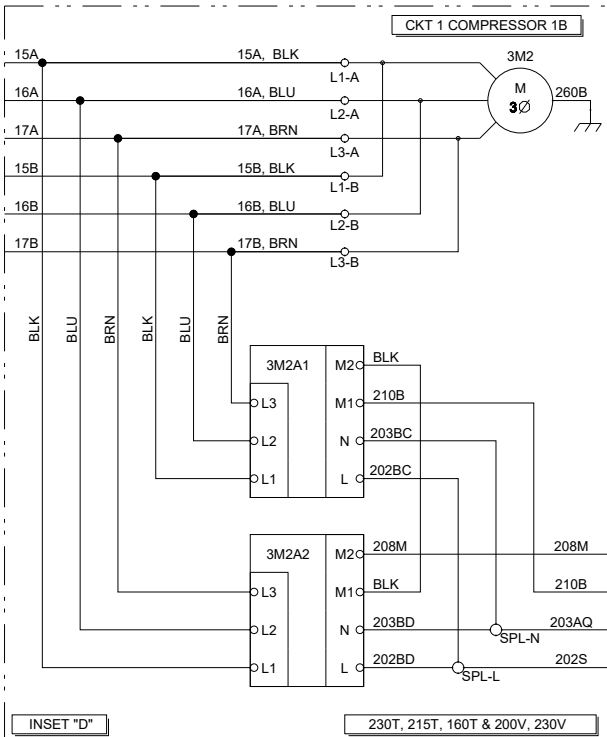
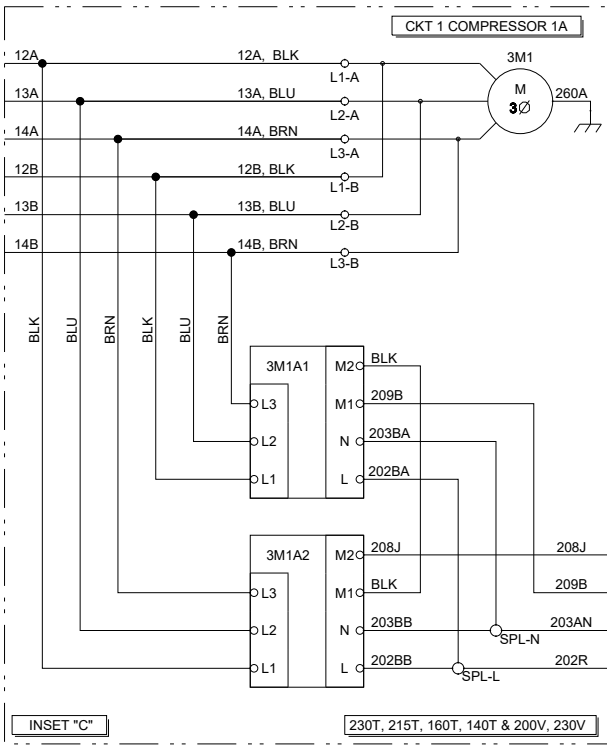
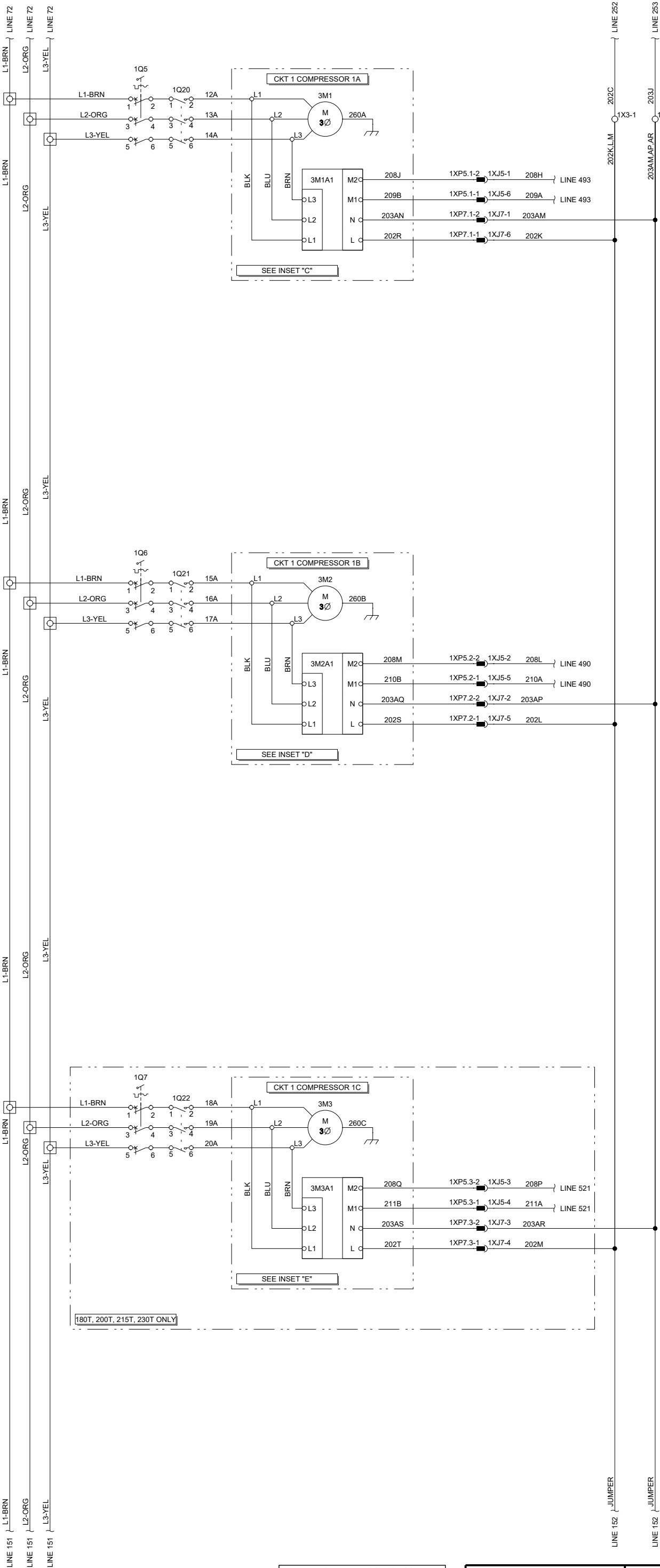
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SHEET
3 OF 12

REV

F



DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL 1
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CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING

POWER CIRCUIT 1 COMPRESSORS

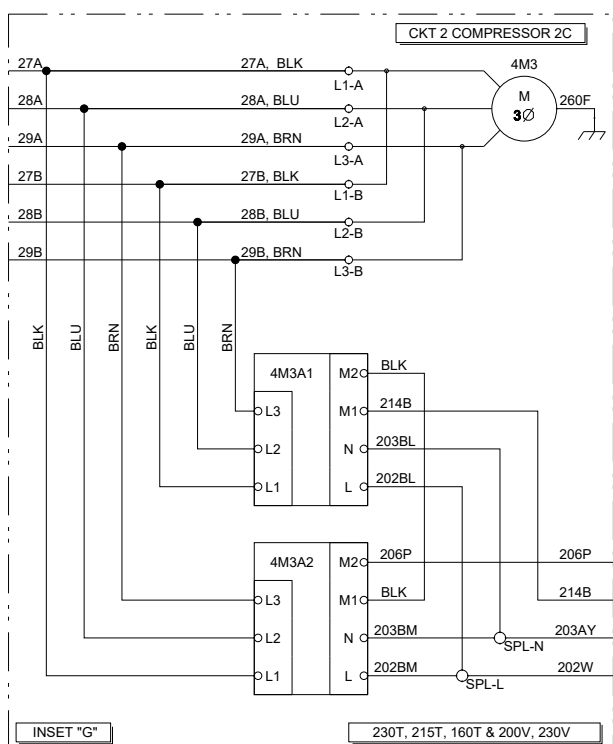
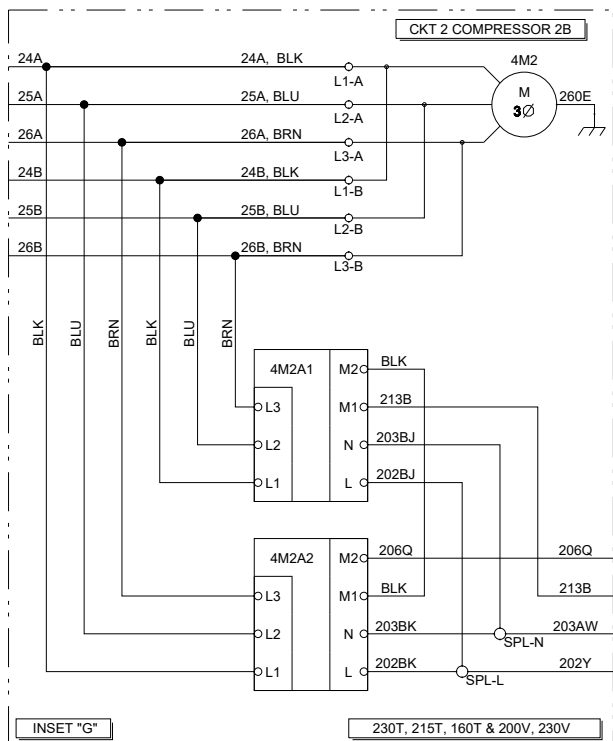
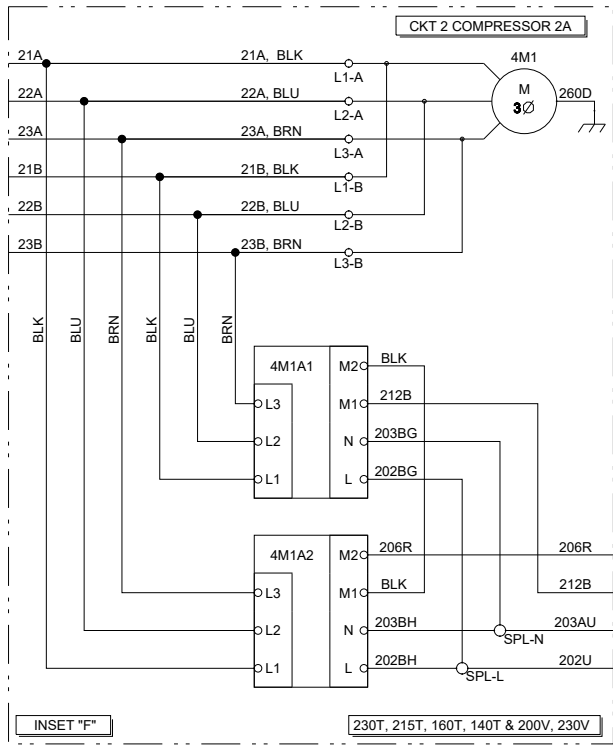
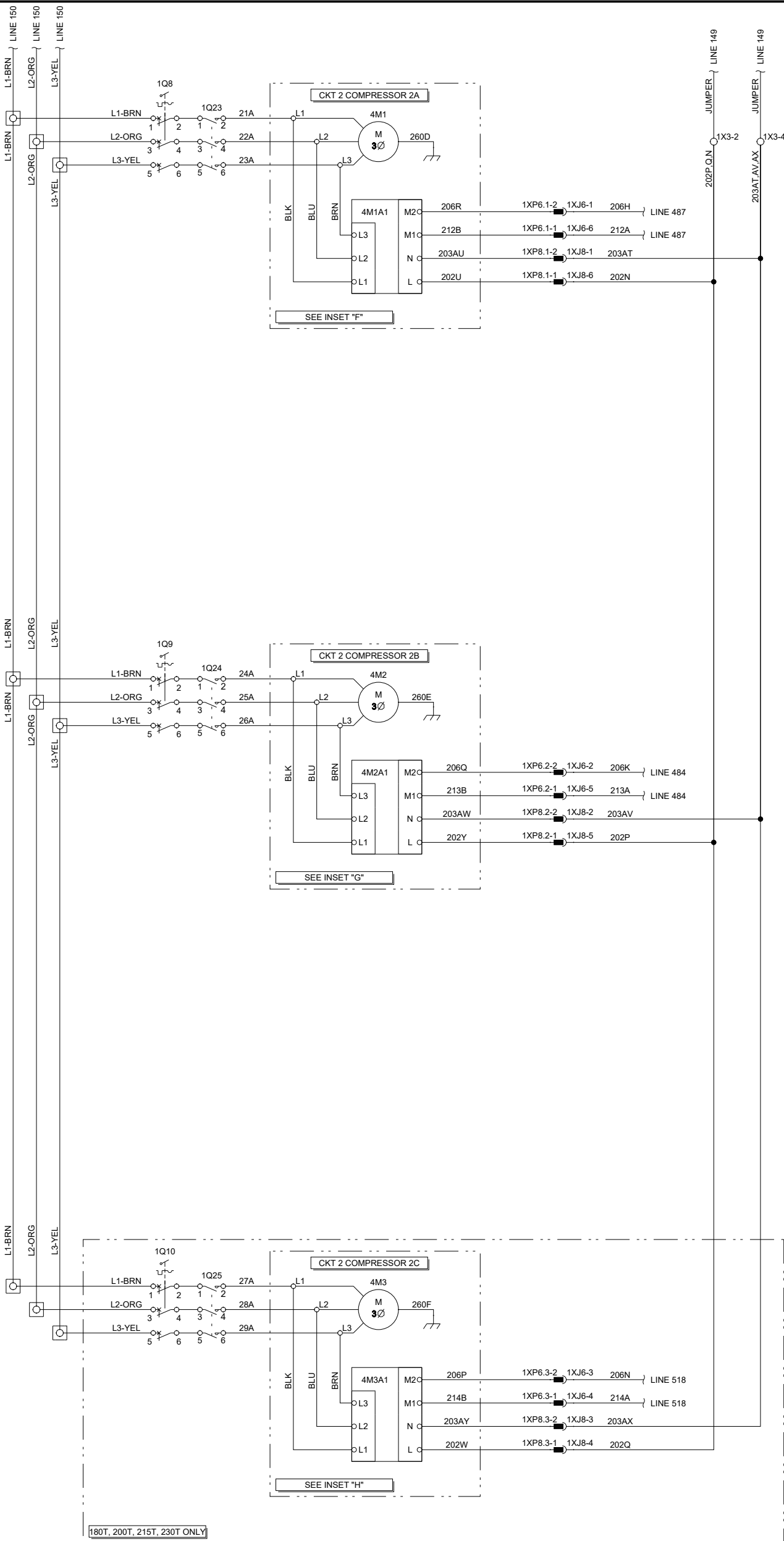
ACSA UNIT

DRAWING NUMBER

57320011

SHEET 4 OF 12

REV F



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

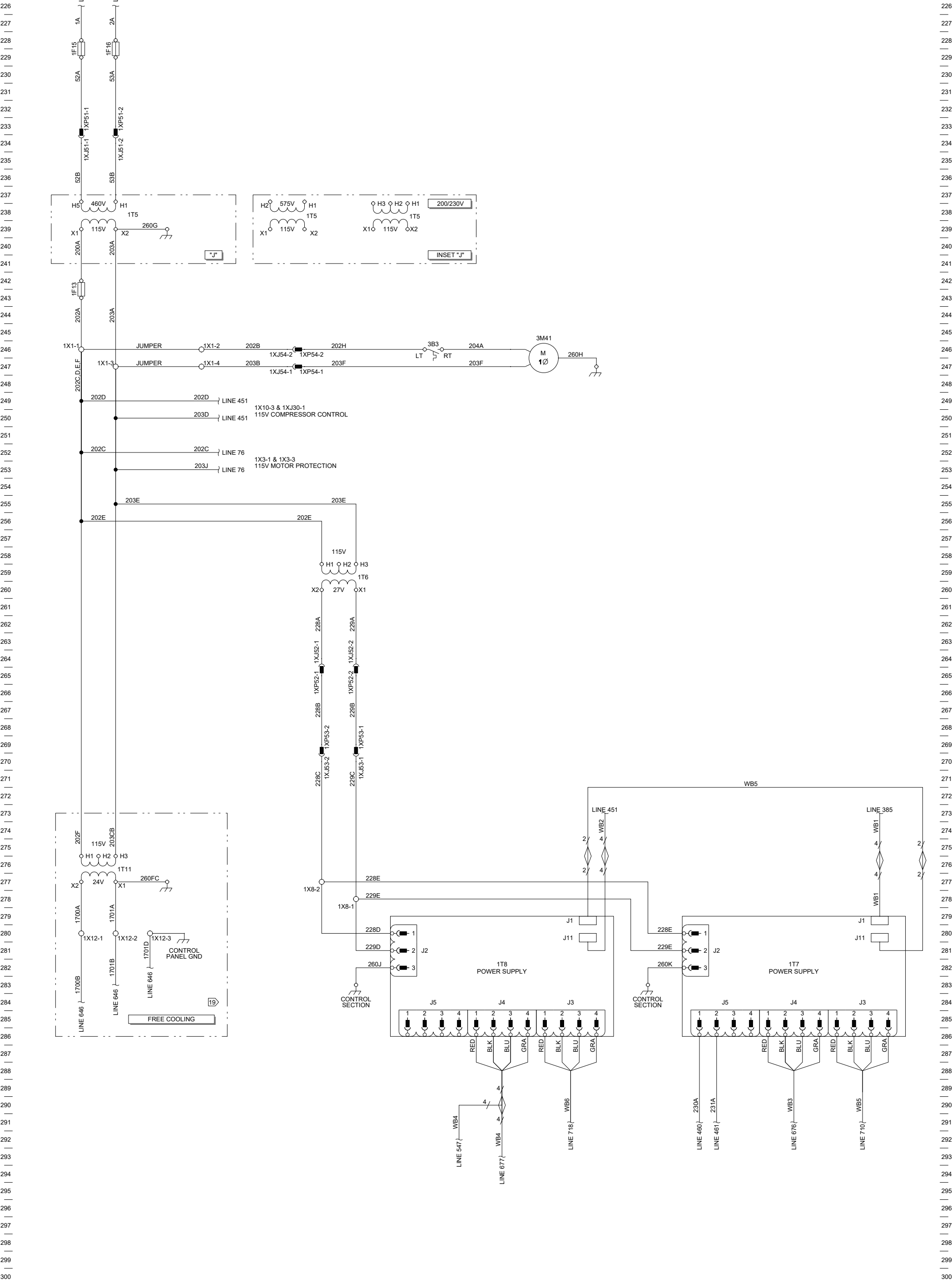
ASCA UNIT

DRAWING NUMBER

57320011

SHEET
5 OF 12

REV
F



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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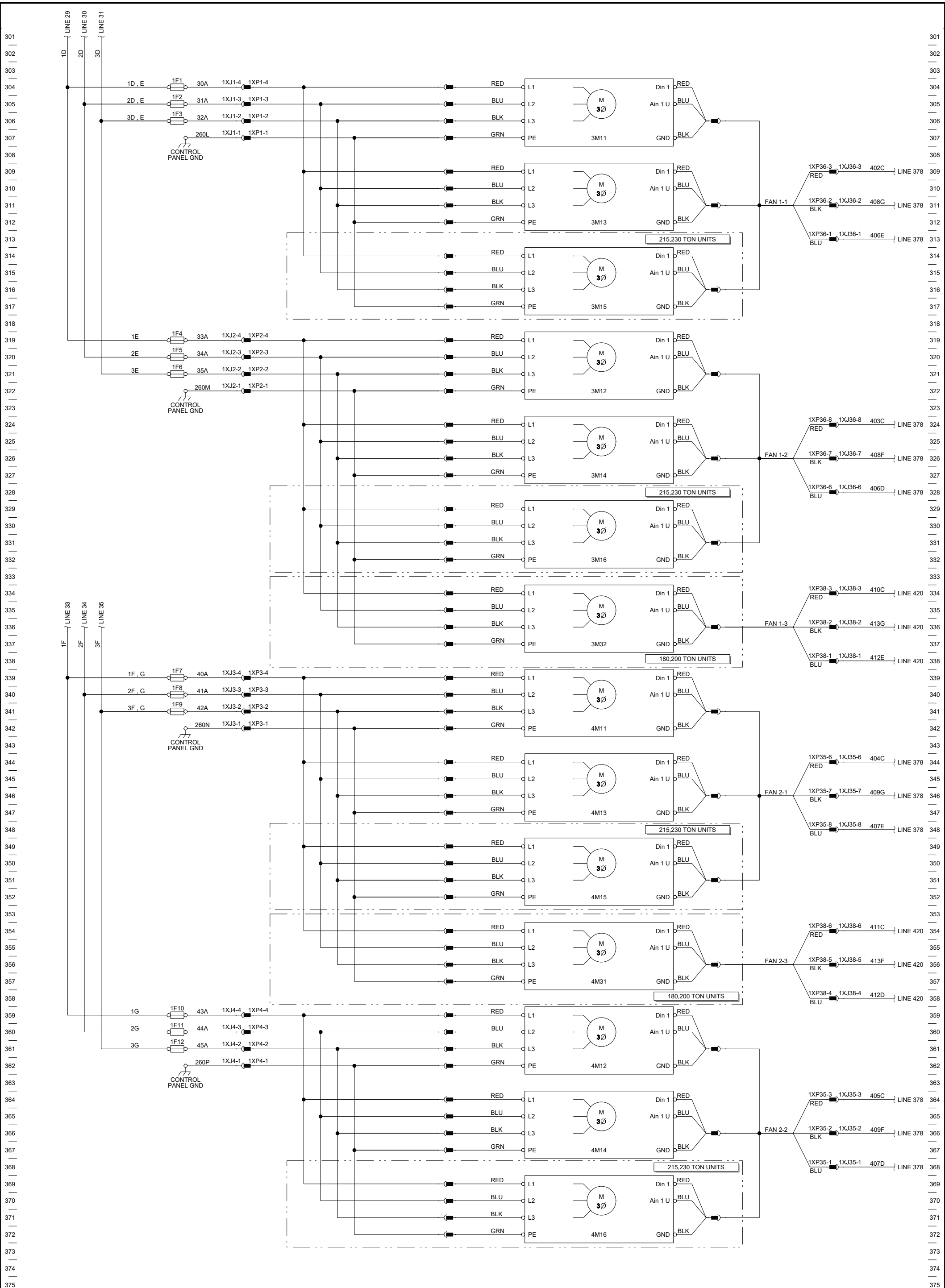


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CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING	
CONTROLS TRANSFORMERS AND POWER SUPPLIES	
ACSA UNIT	

DRAWING NUMBER	REV
57320011	F
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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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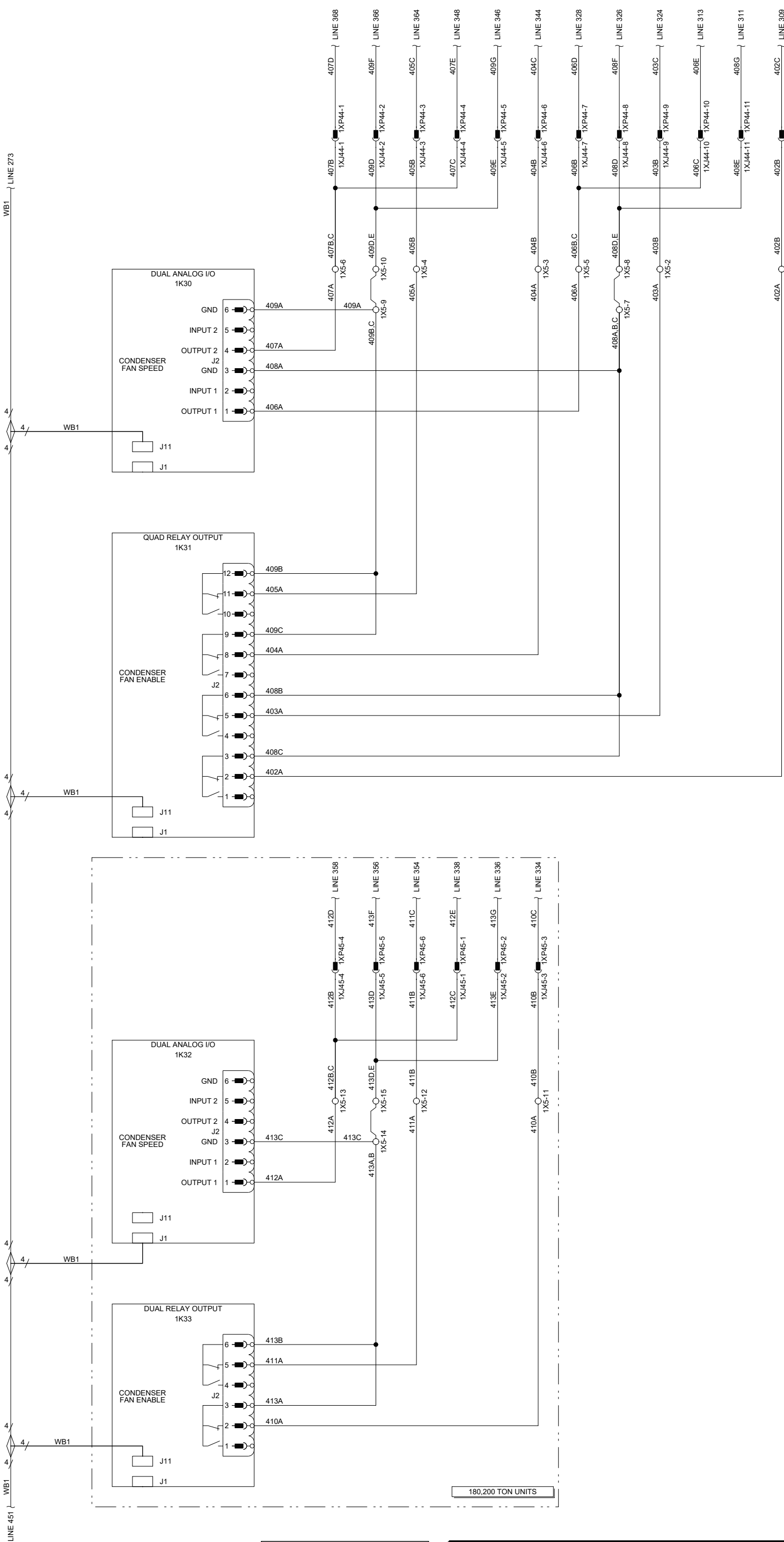
CAD: CREO SCHEMATICS

DIAGRAM SCHEMATIC WIRING

POWER
CIRCUIT 1 AND 2 CONDENSER FANS

ACSA UNIT

DRAWING NUMBER	REV
57320011	F
SHEET 7 OF 12	



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 CONDENSER FANS

ACSA UNIT

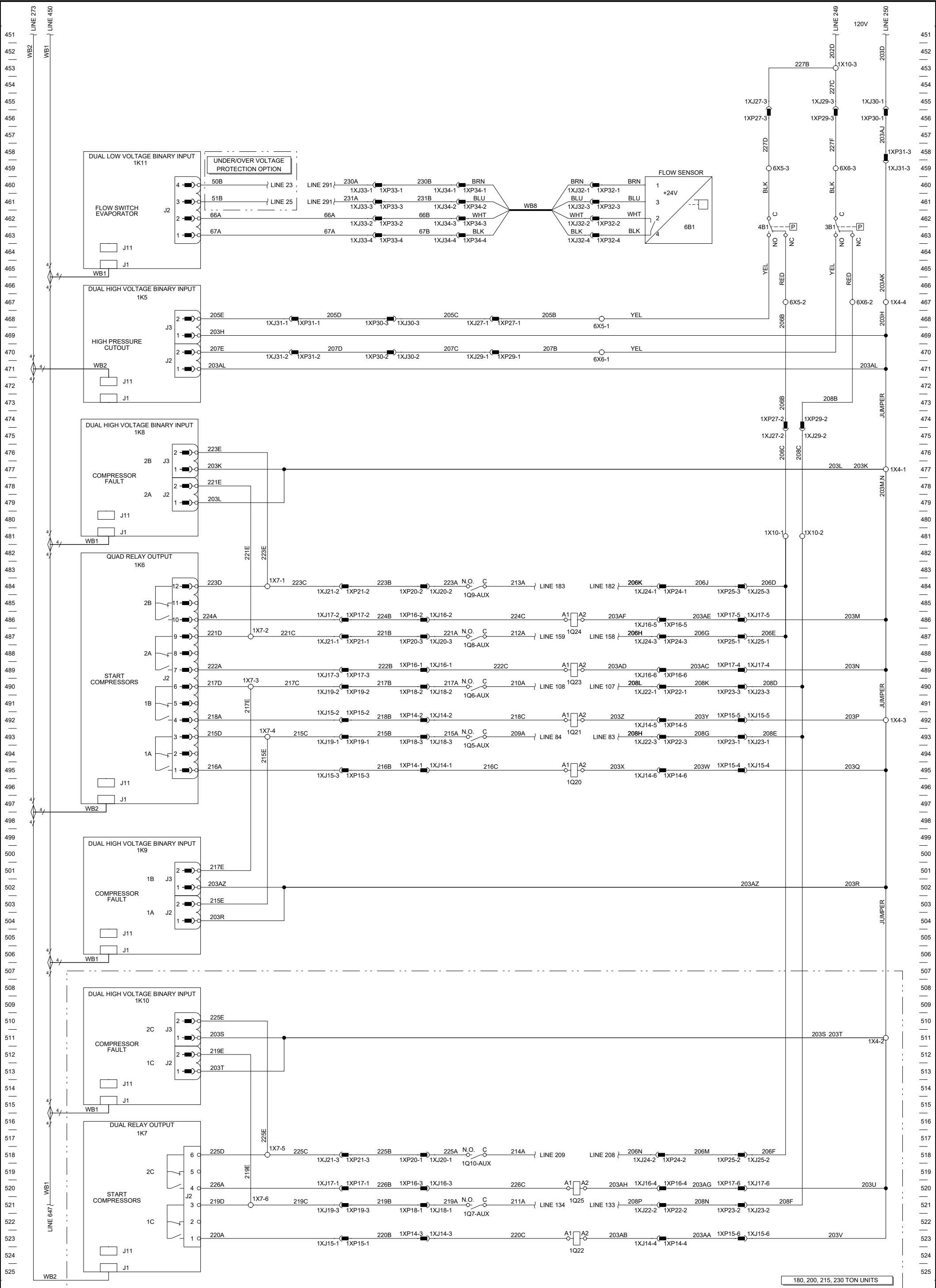
DRAWING NUMBER

57320011

REV

F

SHEET
8 OF 12



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 COMPRESSORS

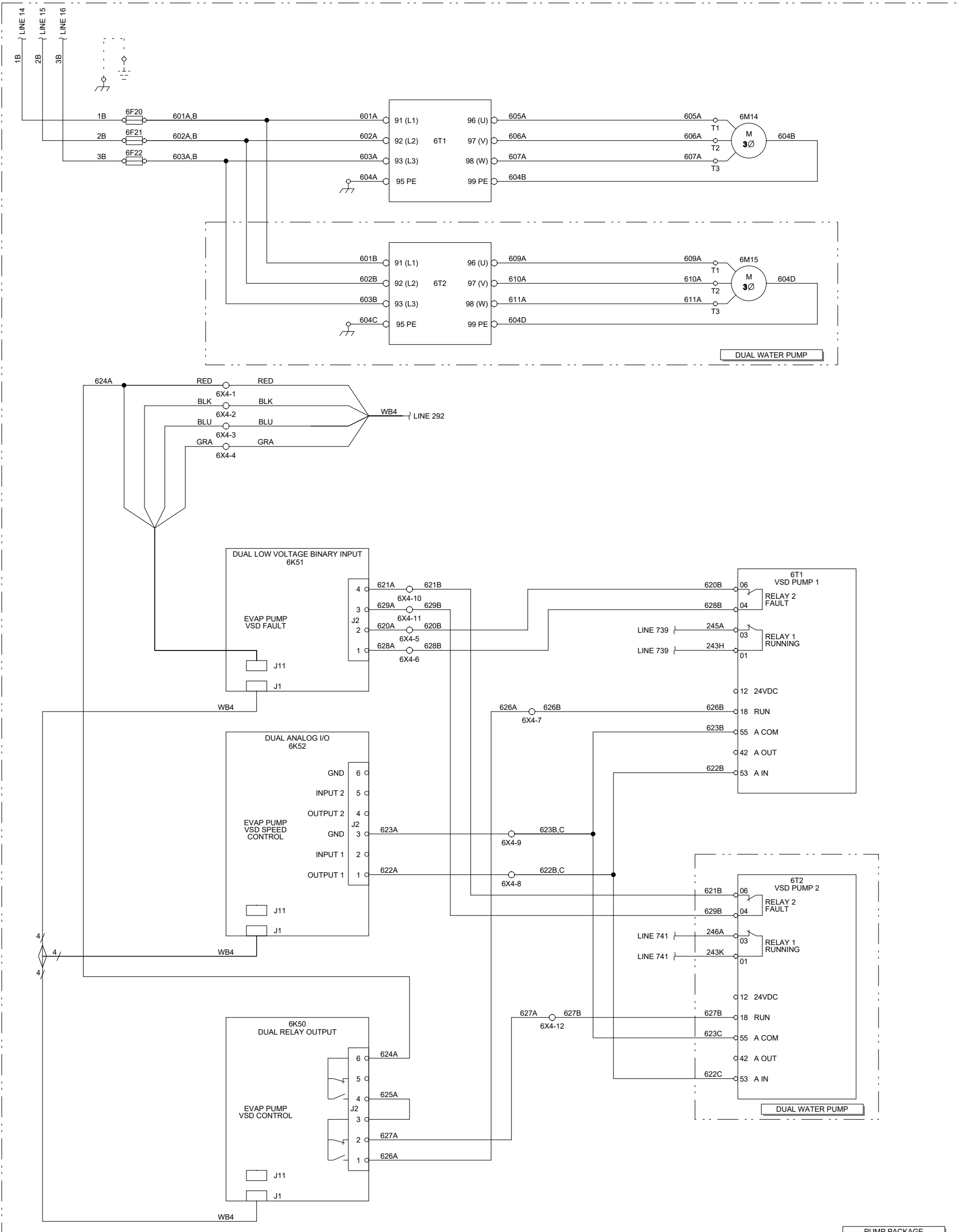
ACSA UNIT

DRAWING NUMBER

57320011

SHEET
9 OF 12

REV
F



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 UNIT

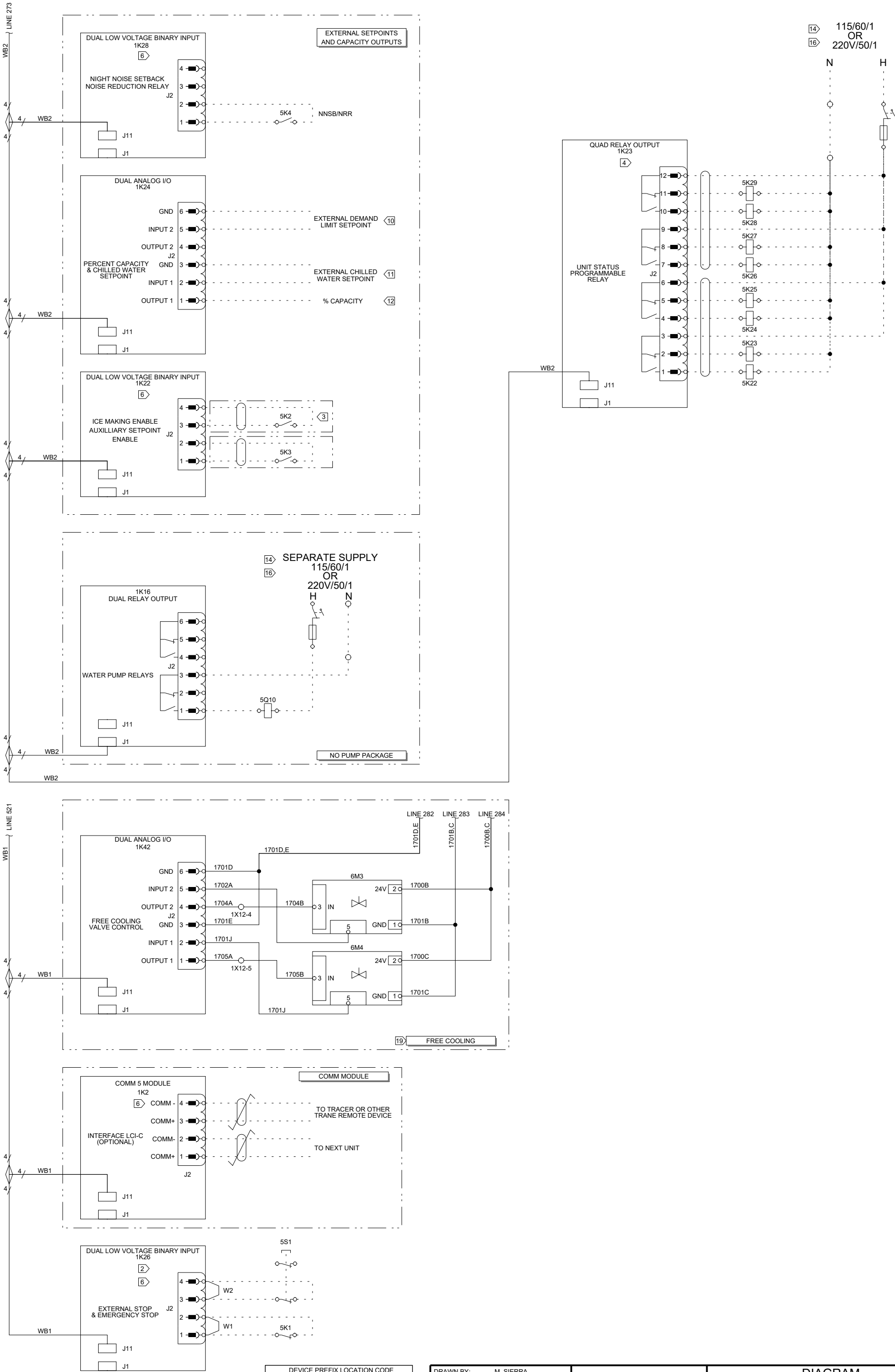
DRAWING NUMBER

57320011

REV

F

SHEET
10 OF 12



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
CUSTOMER CONNECTIONS

ACSA UNIT

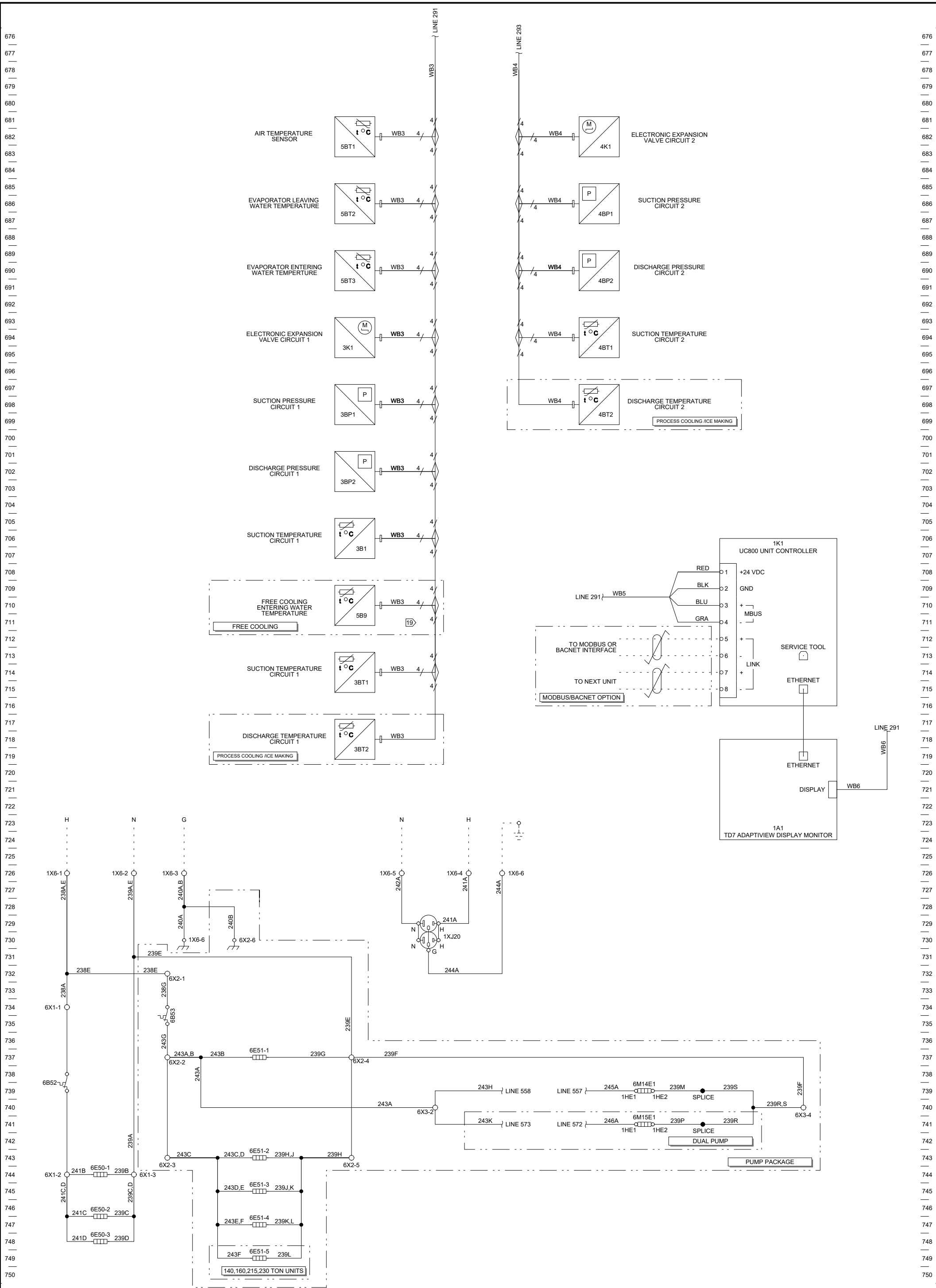
DRAWING NUMBER

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REV

F

SHEET
11 OF 12



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

UNIT SENSORS AND PUMP PACKAGE

ACSA UNIT

DRAWING NUMBER

57320011

SHEET
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REV
F