

- 25 SYNC CHECK RELAY
- 27/59 OVER/UNDER VOLTAGE
- 30 REVERSE POWER RELAY
- 42 LOSS OF EXCITATION RELAY
- 47 UNDERVOLTAGE PHASE SEQUENCE RELAY
- 50 INSTANTANEOUS OVERCURRENT RELAY
- 51 TIME OVERCURRENT RELAY
- 52 CIRCUIT BREAKER
- 59 OVERVOLTAGE RELAY
- 62 TIME DELAY RELAY
- 65 GOVERNOR
- 81D/U OVER/UNDER FREQUENCY RELAY
- 86 LOCKOUT RELAY
- 87 DIFFERENTIAL RELAY
- A AMPERE
- A4/E4 ADEM ENGINE CONTROLLER
- AC ALTERNATING CURRENT
- ADEM ADVANCED DIGITAL ENGINE MANAGEMENT
- AI ANALOG INPUT
- ALT ALTERNATOR
- AMR AUTO MODE RELAY (EMCP IN AUTO)
- ANNUN ANNUNCIATOR
- AO ANALOG OUTPUT
- ASR AUTO START RELAY
- AR ARBITRATION RELAY
- ATS AUTOMATIC TRANSFER SWITCH
- AUX AUXILIARY
- AUTO AUTOMATIC
- BATT BATTERY
- BBSR BEST BATTERY SOURCE RELAY
- B+ BATTERY POSITIVE
- CB COMMON ALARM RELAY
- CB CIRCUIT BREAKER
- CBK CIRCUIT BREAKER CLOSE
- CBK CIRCUIT BREAKER OPEN
- CBS CIRCUIT BREAKER SWITCH
- CBT CIRCUIT BREAKER TRIP
- CD CAT DATA LINK
- CDVR CATERPILLAR DIGITAL VOLTAGE REGULATOR
- CDTR COOLDOWN TIMER RELAY
- CDSD CRITICAL LOW FUEL SHUTDOWN
- CONN CONNECTOR
- CT CURRENT TRANSFORMER
- CTR CRANK TERMINATION RELAY
- CTSB CT SHORTING BLOCK
- D DIODE
- DBR DEAD BUS RELAY
- DDI DEDICATED DIGITAL INPUT
- DI DIGITAL INPUT
- DIDI DEDICATED ISOLATED DIGITAL INPUT
- DIO DIGITAL INPUT/OUTPUT MODULE
- DO DIGITAL OUTPUT
- DSS DOOR SAFETY SWITCH (RADIATOR)
- ECM ENGINE CONTROL MODULE
- EMCP ELECTRONIC MODULAR CONTROL PANEL
- EPR EMCP POWER RELAY
- ERR ENGINE RUN RELAY
- ESP EMERGENCY STOP BUTTON
- E-STOP EMERGENCY STOP
- EXC EXCITER
- EXT EXTERNAL
- F FUSE
- FCS FUEL TRANSFER CONTROL SWITCH
- FLG FUEL LEVEL GAUGE
- FLT FAULT
- FMS FUEL TRANSFER MODE SWITCH
- FS FUEL SENSOR
- FAR FUEL ALARM RELAY
- FMR FREQUENCY MODE RELAY
- FMSX FREQUENCY MODE RELAY SLAVE
- FTX FUEL TANK RUPTURE
- G3R GROUP 3 RELAY
- G3B GEN CIRCUIT BREAKER
- GCBR GENERATOR CIRCUIT BREAKER RELAY
- GCM GAUGE CONTROL MODULE
- GCT GROUND SENSE CURRENT TRANSFORMER
- GEN (G) GENERATOR
- GMR GENERATOR MULTIFUNCTION RELAY
- GND GROUND
- GPC GENERATOR PARALLELING CONTROL
- GSH GENERATOR SPACE HEATER
- GSHR GENERATOR SPACE HEATER RELAY
- CONTROL PANEL WIRING
- INTERCONNECT WIRING
- CUSTOMER WIRING
- OPTIONAL WIRING
- ALL CONTROL PANEL WIRING GY-16, UNLESS OTHERWISE NOTED.
- ALL INTERCONNECT WIRING GY-16, UNLESS OTHERWISE NOTED.
- WIRE ID
- WIRE COLOR-SIZE(AWG)

- GRR GLOBAL RUN REQUEST
- HC HEATER CONTACT
- HWDBA HARD WIRED DEAD BUS ARBITRATION
- HWLSD HARD WIRED LOAD SENSE LOAD DEMAND
- HVL HIGH VOLTAGE LIGHT
- IDI ISOLATED DIGITAL INPUT
- IRS IDLE/RATED SWITCH
- JWV JACKET WATER HEATER
- KW KILOWATT
- LBR LINKBOARD RELAY
- LS LINKBOARD SWITCH
- LDS LOAD DOOR SOLENOID
- LDSRB LOAD DOOR SOLENOID RESISTOR BOARD
- LFSA LEFT FUEL LEVEL SWITCH ALARM
- LMR LEGACY MODE RELAY
- LX LOAD RELAY (FUEL)
- LXR LOAD RELAY SLAVE (FUEL)
- LVL LOW VOLTAGE LIGHT
- MAN MANUAL
- MCH SPRING CHARGING MOTOR (GCB)
- MCM 1000 CIRCULAR MILS
- MHR MANUAL MODE RELAY (EMCP IN RUN)
- MN UNDERVOLTAGE TRIP (GCB)
- MPU MAGNETIC PICK-UP
- NAC NORMAL AFTER CLOSE
- NAT NORMAL AFTER TRIP
- N.C. NORMALLY CLOSED
- NIA NOT IN AUTO
- NEU (N) NEUTRAL
- N.O. NORMALLY OPEN
- DF'S OVERFLOW SWITCH (FUEL TANK)
- OIP OPERATOR INTERFACE PANEL
- DMR OFF MODE RELAY (EMCP IN OFF)
- DVLD OVERLOAD
- PAR PARALLELED WITH UTILITY RELAY
- PCC PARALLELING CONTROLS SWITCH (ON/OFF)
- PICR PARALLELING INTERCONNECT RELAY
- PICRX PARALLELING INTERCONNECT RELAY SLAVE
- PIR PARALLELING INHIBIT RELAY
- PF POWER FACTOR
- PLL PUMP LOAD LIGHT
- PS PINION SOLENOID
- PSH PRIMARY UNIT SHIELD
- PMG PERMANENT MAGNET GENERATOR
- POT POTENTIOMETER
- PRIMING PUMP SWITCH
- PSS PERSONNEL SAFETY SWITCH
- PTG POTENTIAL TRANSFORMER
- PTG POTENTIAL TRANSFORMER GENERATOR
- PTL PULL TO LOCK
- PUL PRIMARY UNIT LIGHT
- PULL PUMP UNLOAD LIGHT
- PUR PRIMARY UNIT RELAY
- PWM PULSE WIDTH MODULATION
- PWD PULSE WIDTH OUTPUT
- PWUR PARALLELED W/ UTILITY RELAY
- RBS RUPTURE BASIN SWITCH
- RELAY RELAY
- RDBA RELAY DEAD BUS ARBITRATION
- RES RESISTOR
- REF REFERENCE
- RSES REMOTE START ENABLE SWITCH
- RSS REMOTE START SWITCH
- RTN RETURN
- SC SHUNT COIL
- SCN SCREEN (SHIELD)
- SDE BELL ALARM CONTACT
- SHD SHIELD/SHIELDED
- SHDN SHUTDOWN
- SM STARTER MOTOR
- SPSR SHORE POWER SOURCE RELAY
- SPWR SHORE POWER
- SMMS STARTER MOTOR MAGNETIC SWITCH
- SP SPEED POTENTIOMETER
- SR SLAVE RELAY
- SSR SOURCE SELECTOR RELAY
- TERM TERMINATION
- T.O.M. TETHERED OPERATING MODULE
- TR TRIP UNIT (GCB)
- UCBR UTILITY CIRCUIT BREAKER RELAY
- UMR UTILITY MULTIFUNCTION RELAY
- UNLD UNLOAD RELAY (FUEL)
- URX UNLOAD RELAY SLAVE (FUEL)
- UTTR UTILITY TRANSFER TRIP RELAY
- VAR VOLT-AMPERES REACTIVE
- VFS VOLTAGE/FREQUENCY SELECT SWITCH
- XC CLOSE COIL (GCB)
- o NORMALLY OPEN CONTACT
- c NORMALLY CLOSED CONTACT
- o AND b WITH COMMON
- MA MILLIAMPERE
- MV MILLIVOLT
- A A PHASE
- B B PHASE
- C C PHASE

- INPUT/OUTPUT CONTENTS
- 1/D# FUNCTION
- EMCP RELAYS (DIGITAL OUTPUTS)
- R01 STARTER CONTROL RELAY
 - R02 FUEL CONTROL RELAY
 - R03 REDUCED POWER MODE OFF (NOTE D)
 - R04 REDUCED POWER MODE OFF (NOTE D)
 - R04 ENGINE START INITIATED
 - R05 COMMON SHUTDOWN
 - R06 STOP MODE
 - R07 STOP MODE
 - R08 COMMON ALARM
 - R09 AUTO MODE
 - R10 ENGINE RUNNING
 - R12 TRANSFER FUEL IN
 - R11 VOLTAGE W/IN LIMITS
 - R12 TRANSFER FUEL IN
 - R13 TRANSFER FUEL OUT
 - R14 FREQUENCY SELECTION IS LOW
 - R15 DISABLE AUX AC
 - R16 FUEL LEVEL LOW ALARM
 - R17 LIVE BUS INDICATION
- EMCP INPUTS
- DDI-01 EMERGENCY STOP INPUT
 - DDI-02 REMOTE INITIATE COMMAND
 - DDI-03 GENERATOR CIRCUIT BREAKER AUX a
 - DDI-04 GENERATOR CIRCUIT BREAKER AUX b
- EMCP ANALOG INPUTS
- DI-01 IDLE MODE COMMAND
 - DI-02 EMERGENCY STOP SWITCH (EXTERNAL)
 - DI-03 UTILITY BREAKER AUX a (BASELOAD MODE)
 - DI-04 TANK LEAK
 - DI-05 AUTO LOAD FUEL
 - DI-06 AUTO UNLOAD FUEL
 - DI-07 PARALLELING DISABLE
 - DI-08 SMS IN CHECK
- EMCP ANALOG OUTPUTS
- DI-01 CUSTOM EVENT (RADIATOR DOOR CLOSED)
 - DI-02 FREQUENCY SELECTION IS LOW
 - DI-03 CUSTOM EVENT (LOCK-OUT RELAY TRIPPED)
 - DI-04 KVAR POWER SHARE INHIBIT
- EMCP PWM OUTPUTS
- DDI-01 GROUP START INPUT
 - DDI-02 BELL ALARM
 - DDI-03 GENERATOR CIRCUIT BREAKER TRIP COMMAND
 - DDI-04 GENERATOR CIRCUIT BREAKER CLOSE COMMAND
- EMCP ANALOG INPUTS
- A11 DISABLED
 - A12 DISABLED
 - A13 FUEL LEVEL
 - A14 DISABLED
- EMCP ANALOG OUTPUTS
- A01 FUEL LEVEL DISPLAY
 - A02 DISABLED
 - A03 DISABLED
- EMCP PWM OUTPUTS
- PW01 DISABLED
 - PW02 DISABLED
- NOTE A: CLOSURE PLUG MUST BE INSTALLED WHEN UMR IS NOT INSTALLED.
- NOTE B: INSTALL SCREWS IN EACH HOLE ON SHORTING BLOCK WHILE CTS ARE NOT IN USE. WHEN CTS ARE IN USE, REMOVE SCREWS ON WIRES LABELED F448, F450, & F452. DO NOT REMOVE SCREWS FOR F453 WIRES.
- NOTE C: WHEN OPERATING EMCP 4.4 IN LEGACY MODE, ONLY ONE UNIT (PRIMARY UNIT) SHOULD JUMPER 93 TO 94 IN INTERCONNECT BOX. WHEN OPERATING EMCP 4.4 IN STAND ALONE MODE JUMPER 93 TO 94. WHEN OPERATING EMCP 4.4 IN PARALLELING MODE (EMCP 4.4 ONLY BASED CONTROLS) JUMPER 93 TO 94 ON ALL UNITS. ALLOWS BREAKER CLOSURE TO A DEAD BUS.
- NOTE D: SPARE CIRCUITS BETWEEN INTERCONNECT BOX AND AC/DC BOX.
- NOTE E: UTILITY CKT BKR STATUS. CONNECT TO AUX 'a' NORMALLY OPEN CONTACT OF UTILITY CIRCUIT BREAKER.
- NOTE F: UTILITY TRANSFER TRIP. OPENS CKT BKR AND ACTIVATES 86 LOCKOUT UNTIL MANUALLY RESET.
- NOTE G: SHIELD WIRES SHOULD BE CONNECTED TO TERMINAL BLOCKS ON PRIMARY UNIT ONLY. ON MIDDLE UNITS, CONNECT SHIELDS TOGETHER. ON END UNIT, DO NOT CONNECT SHIELD WIRES.
- NOTE H: WHEN CONNECTING THE EMCP 4.4 TO LEGACY UNITS (WITH LOAD SHARE MODULES) FOR ISLAND MODE LOAD SHARING, VAR SHARING IS NOT AVAILABLE. CONNECT L5+ AND L5- AMONG ALL UNITS AND USE VOLTAGE DROOP TO REGULATE VARS. DO NOT CONNECT V5+ AND V5- ON ANY UNITS.
- NOTE I: PARAMETER SET TO DISABLED AS DEFAULT, OPERATOR TO SET AS LISTED WHEN DESIRED AND NOT USING GROUP START
- NOTE J: END USER TO INSTALL JUMPER ON FIRST UNIT ONLY WHEN CONNECTED FOR PARALLELING
- NOTE K: RELOCATE WIRE NUMBER F702-E174 IN ENGINE HARNESS J1 CHANGE FROM PIN 20 TO PIN 61

400V 50Hz		480V 60Hz	
POSITION 1	POSITION 2	POSITION 1	POSITION 2
GROUP SELECTION			
SELECTION	V/SS	LINKBOARD	GROUP
480V 60Hz	2	NA	1
400V 50Hz	1	NA	2
480V 60Hz	2	NA	3
480V 60Hz	1	NA	4

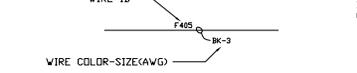
WIRE BREAKS TO ANOTHER PAGE ← 2CB2 ←

COMPONENT LOCATED OUTSIDE OF GENERATOR BOX

COMPONENT LOCATED INSIDE GENERATOR BOX

PREV PAGE LOCATION (487)

NEXT PAGE LOCATION (10C3)



- WIRE COLORS:
- BK BLACK
 - BR BROWN
 - BU BLUE
 - GN GREEN
 - GY GREY
 - DR DRANGE
 - RD RED
 - VI VIOLET
 - WH WHITE
 - YL YELLOW

DASHED LINES REPRESENT "PACKAGE WIRING" BETWEEN MULTIPLE DEVICE BOXES IN THE PACKAGE.

SOLID LINES REPRESENT "GENSET" WIRING. THE WIRE-NAME CONVENTION IS: J34/A1-Y797-J35/A3



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TITLE: SCHEMATIC APS2000 EMCP 4.4			

GENERATOR

N
T1
T2
T3

DRDOP
CT

P27 II J27

PS4 II J54

P12-J12

CDVR

- 2 B CURRENT SENSING 2
- 1 B CURRENT SENSING 1
- 12 VOLTAGE SENSING (A-B)
- 11 VOLTAGE SENSING (B-C)
- 10 VOLTAGE SENSING (C-A)
- 6 +/- 10 VDC CONTROL INPUT +
- 3 +/- 10 VDC CONTROL INPUT -

P9-J9

- 4 VOLTAGE LOWER
- 5 VOLTAGE RAISE
- 6 CONTACT SENSE COMMON
- 8 DRDOP MODE ENABLE
- 9 VAR/PF ENABLE

LMR4
21 0.1 0.24

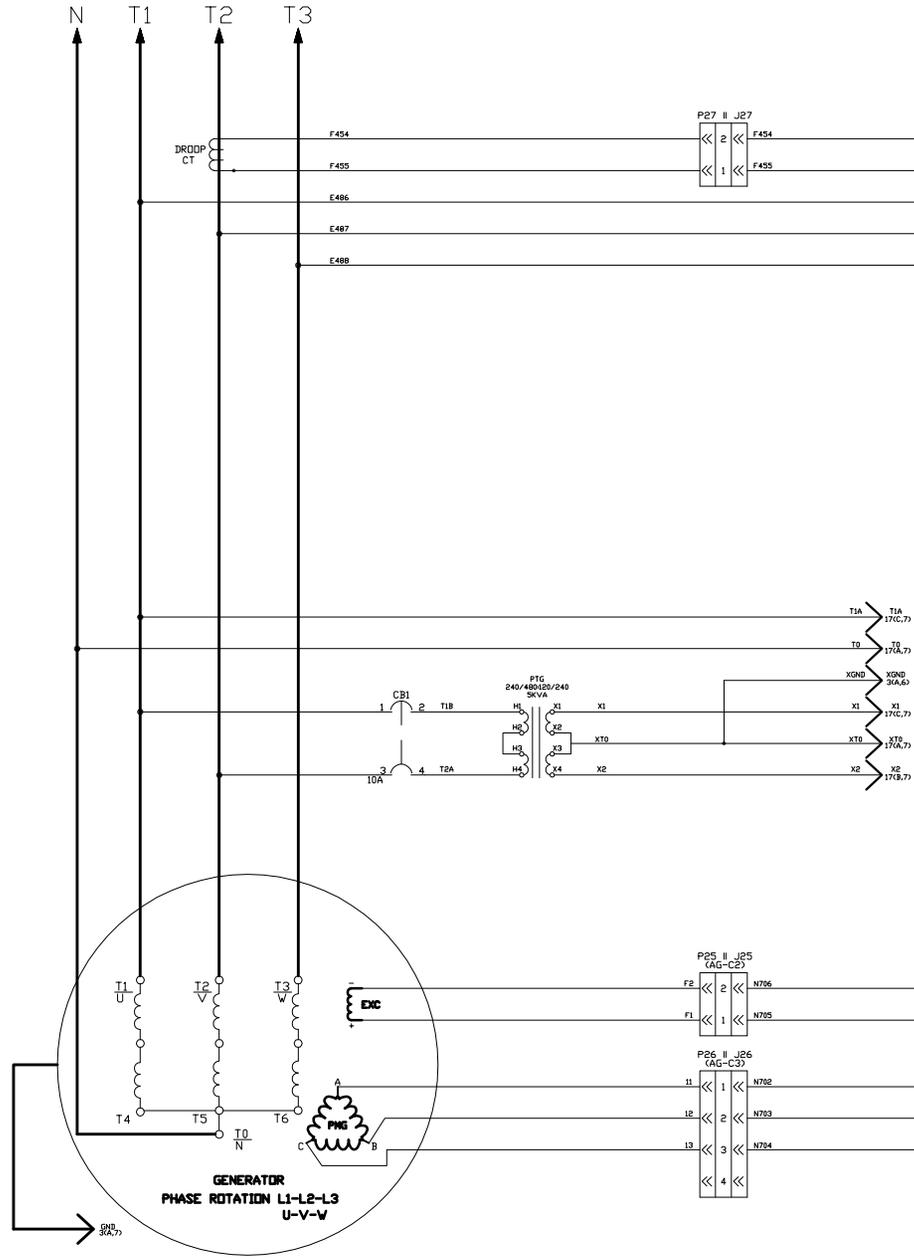
P6-J6

- 4 EXCITER (->)
- 5 EXCITER (<+)
- 6 CHASSIS GND
- 1 PMG PHASE A
- 2 PMG PHASE B
- 3 PMG PHASE C

P25 II J25 (AG-C2)

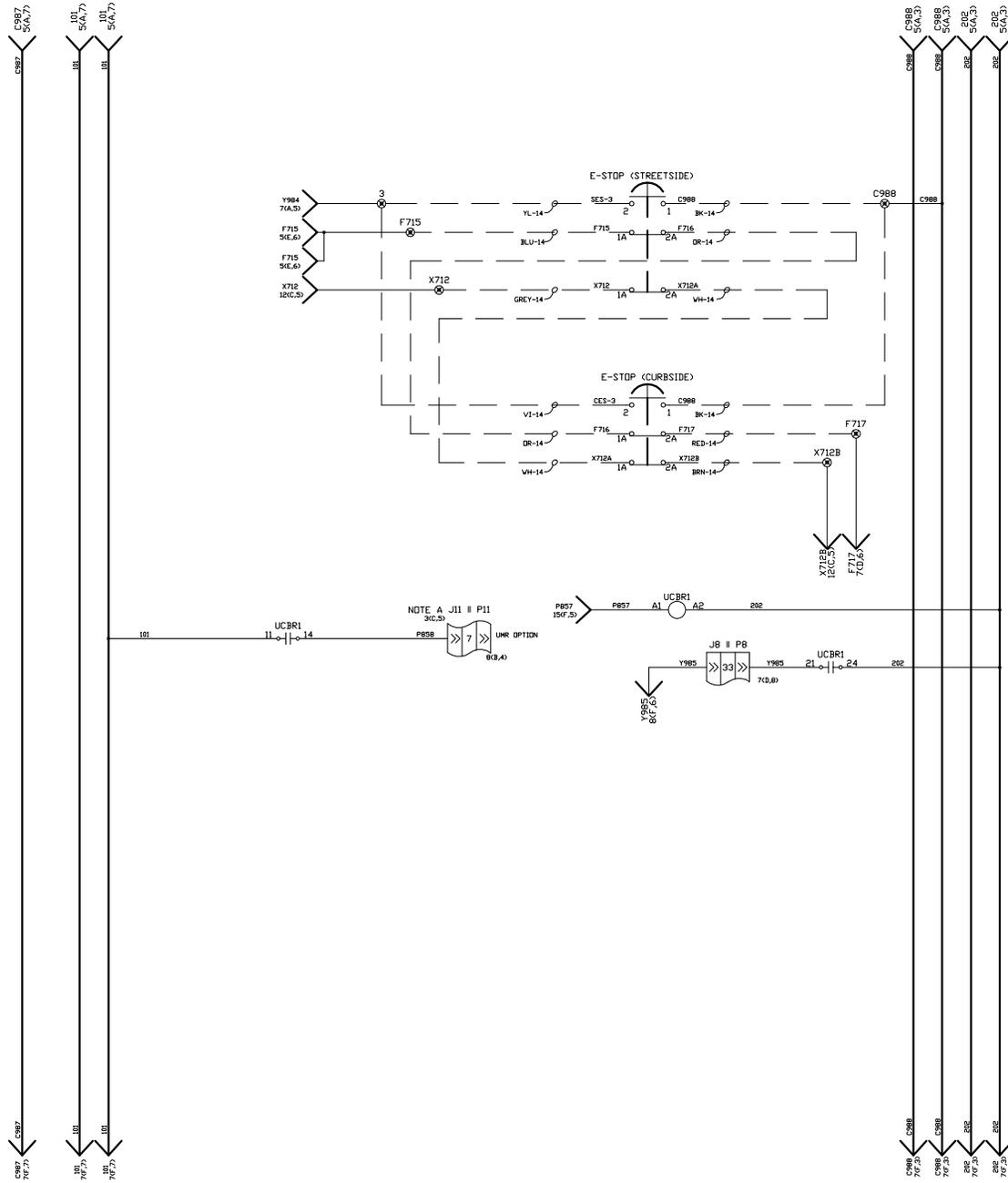
P26 II J26 (AG-C3)

GENERATOR
PHASE ROTATION L1-L2-L3
U-V-W



AC GENERATOR AND REGULATOR SENSING
FOR NOTES SEE SHEET ONE

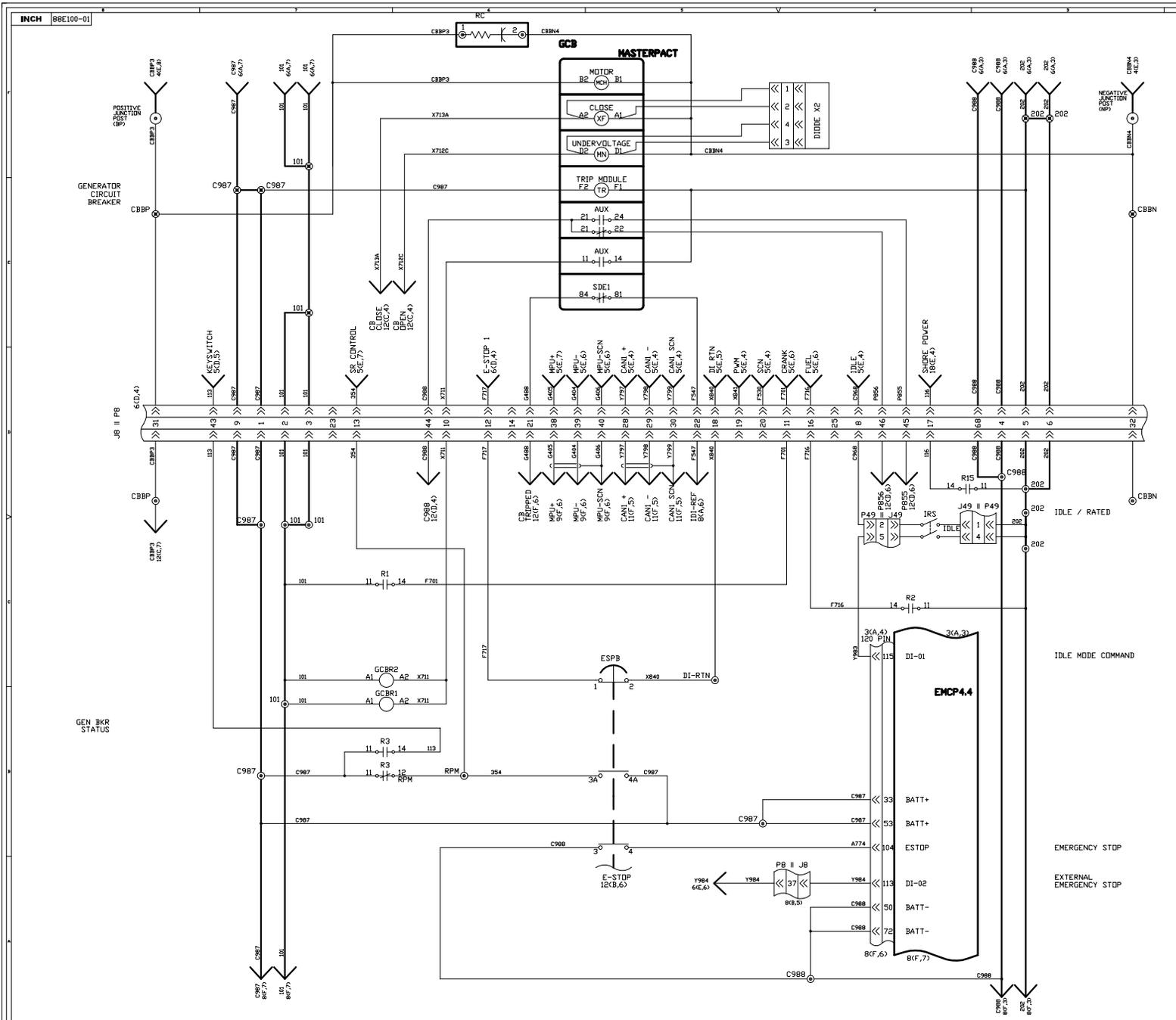
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TOLERANCES: X3 = 0.001 XXX & X300 3000 & 1000 ANGULAR ± 1°	THIRD ANGLE PROJECTION SHEET 2 OF 23	DRAWN BY -	WORK ORDER NUMBER -
CHANGE PNL, SENIOR P27/J27 P26/J26 P12/J12 P9/J9 P6/J6 CHANGE NOTICE	DATE 11/26/2012	DRAWING NUMBER APS2000 EMCP 4.4	DRAWING NUMBER 88E100-02



NOTE: A J11 || P11
 SEC.2
 F858 >> 7 >> UMR OPTION
 (8,9,4)

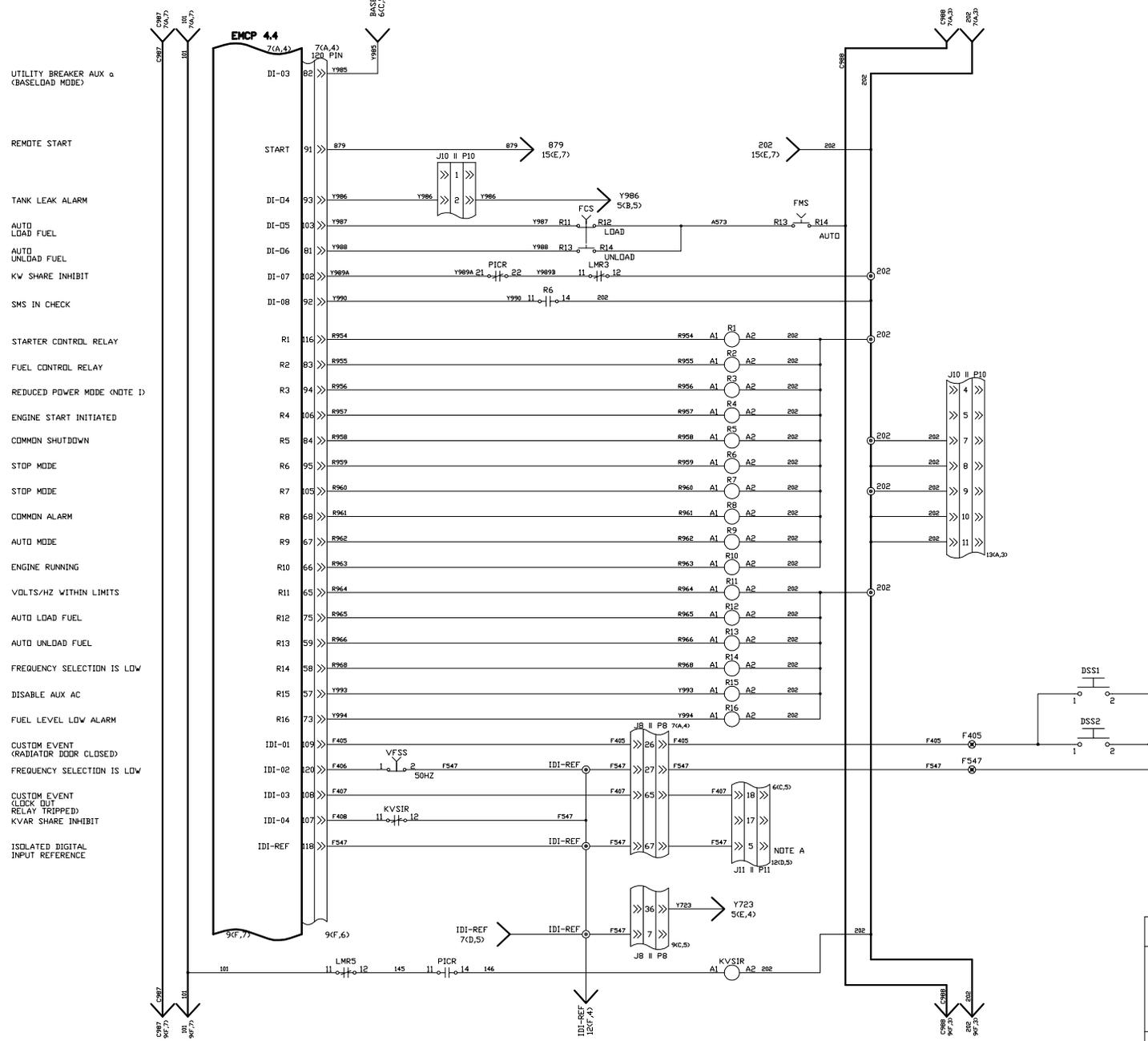
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TOLERANCES: X.X = 0.010 X.XX = 0.005 X.XXX = 0.0025 UNLESS OTHERWISE SPECIFIED		QUOTE NUMBER -	
THIRD ANGLE PROJECTION 1:1		WORK ORDER NUMBER -	
SHEET 6 OF 23		DATE 11/26/2012	
TITLE SCHEMATIC APS2000 EMCP 4.4		DRAWING NUMBER 8BE100-01	



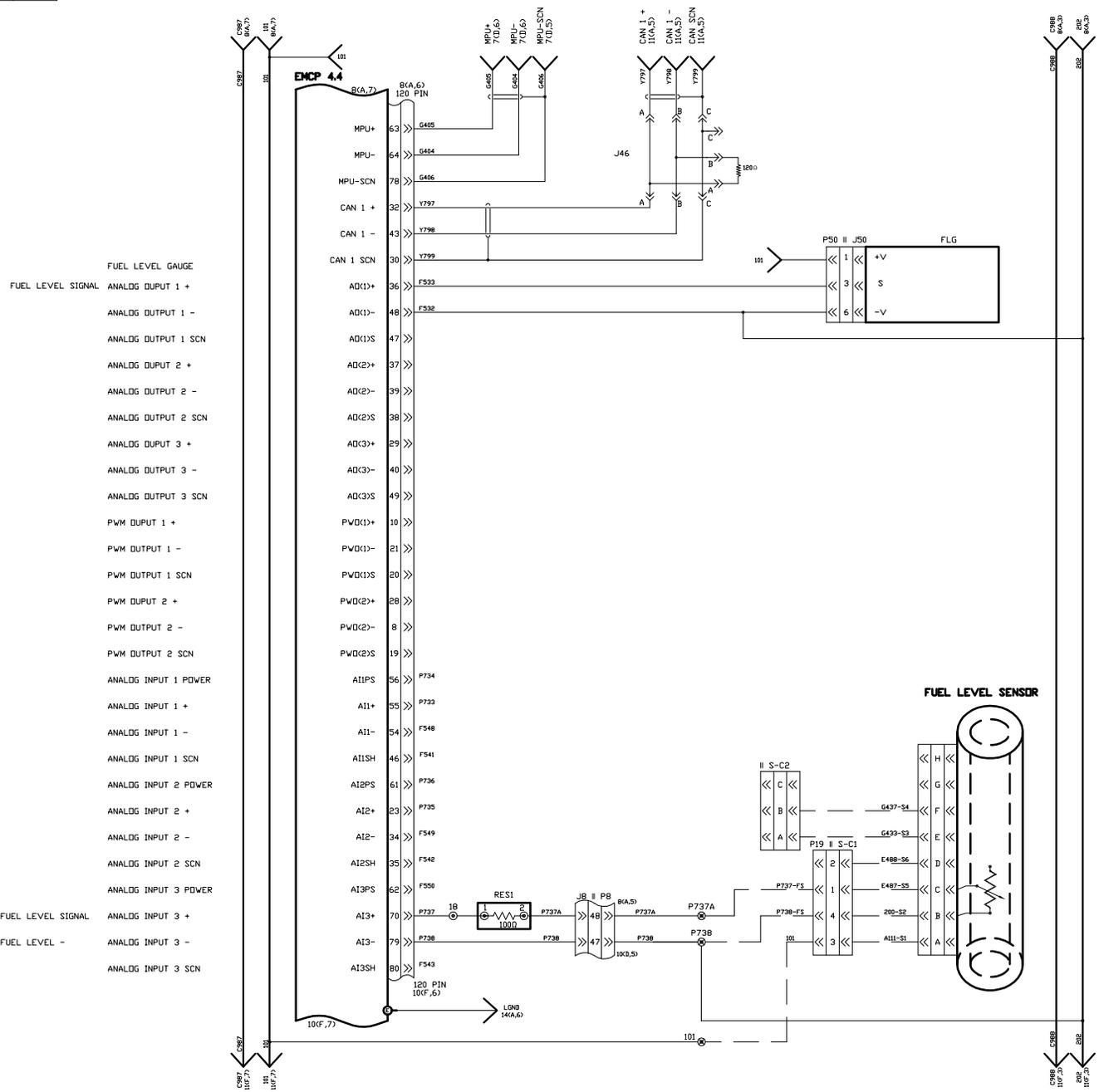
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FILE	DF/BSB	APPS2000	QUOTE NUMBER
ALL DIMENSIONS IN INCHES (UNLESS OTHERWISE SPECIFIED)	SCALE/SHEET SIZE	1=40/D	WORK ORDER NUMBER
TOLERANCES: THIRD ANGLE PROJECTION	SHEET	7 OF 23	DATE
CHANGE NOTICE	DATE	11/26/2012	DRAWING NUMBER
1 CHANGE FUEL SENSOR	DATE		BBE100-02
2 AUDIO SIREN	DATE		
3	DATE		
4	DATE		
5	DATE		
6	DATE		
TITLE		SCHEMATIC	
APPS2000 EMCP 4.4			



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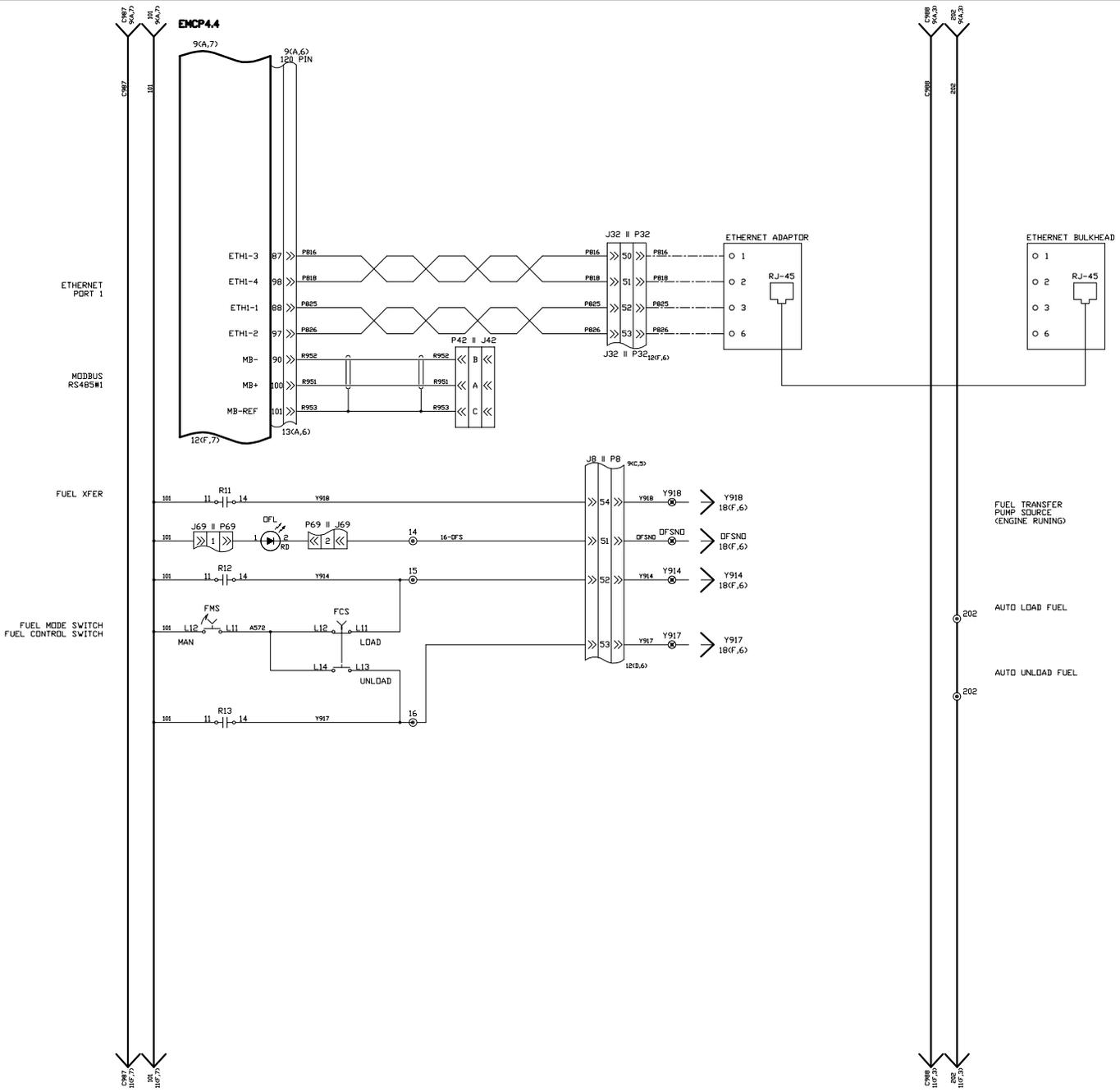
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FILE ALL DIMENSIONS IN INCHES UNLESS SPECIFIC NOTED	DF/BSB SCALE/SHEET SIZE 1=40/D	DRAWN BY -	QUOTE NUMBER -
TOLERANCES: X3 = 0.001 XXX & X300 3000 & 3000 ANGULAR ± 1°	THIRD ANGLE PROJECTION SHEET 9 OF 23	DATE 11/26/2012	WORK ORDER NUMBER -
TITLE SCHEMATIC APS2000 EMCP 4.4	DRAWING NUMBER 8BE100-02		



FUEL LEVEL GAUGE
 FUEL LEVEL SIGNAL ANALOG DUPUT 1 +
 ANALOG DUPUT 1 -
 ANALOG DUPUT 1 SCN
 ANALOG DUPUT 2 +
 ANALOG DUPUT 2 -
 ANALOG DUPUT 2 SCN
 ANALOG DUPUT 3 +
 ANALOG DUPUT 3 -
 ANALOG DUPUT 3 SCN
 PWM DUPUT 1 +
 PWM DUPUT 1 -
 PWM DUPUT 1 SCN
 PWM DUPUT 2 +
 PWM DUPUT 2 -
 PWM DUPUT 2 SCN
 ANALOG INPUT 1 POWER
 ANALOG INPUT 1 +
 ANALOG INPUT 1 -
 ANALOG INPUT 1 SCN
 ANALOG INPUT 2 POWER
 ANALOG INPUT 2 +
 ANALOG INPUT 2 -
 ANALOG INPUT 2 SCN
 ANALOG INPUT 3 POWER
 FUEL LEVEL SIGNAL ANALOG INPUT 3 +
 FUEL LEVEL - ANALOG INPUT 3 -
 ANALOG INPUT 3 SCN

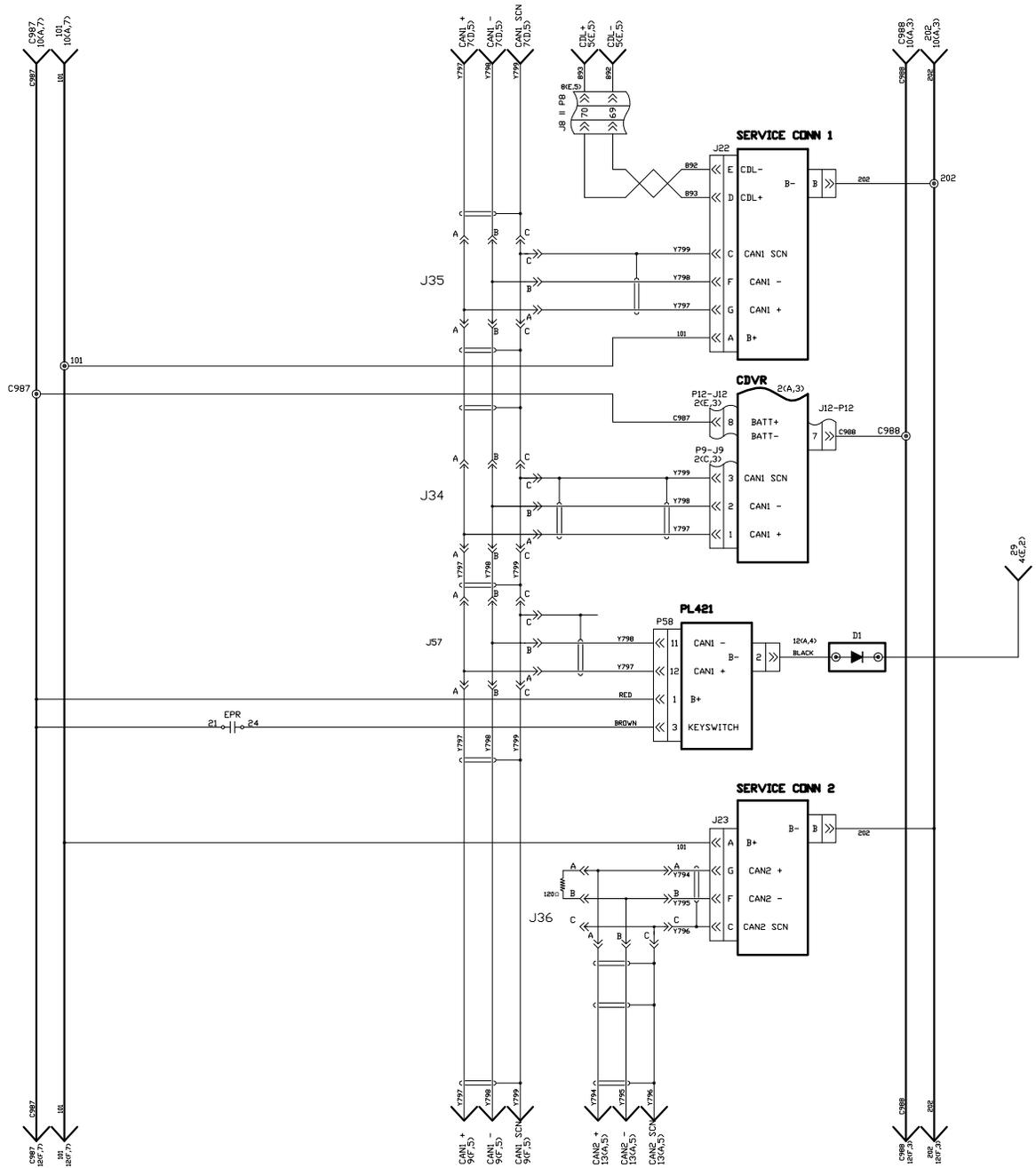
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FILE	PROJECT REFERENCE	APSS2000	
ALL DIMENSIONS IN INCHES (UNLESS OTHERWISE SPECIFIED)	SCALE/SHEET SIZE	DRAWN BY	
TOLERANCES: THIRD ANGLE PROJECTION	1=40/D	DATE	
1/16" ± 0.010	1/32" ± 0.004	11/26/2012	
1/64" ± 0.002	1/64" ± 0.002	WORK ORDER NUMBER	
ANGULAR ± 1°	9 OF 23	DRAWING NUMBER	
TITLE	SCHEMATIC	DRAWING NUMBER	
APSS2000 EMCP 4.4		8BE100-02	



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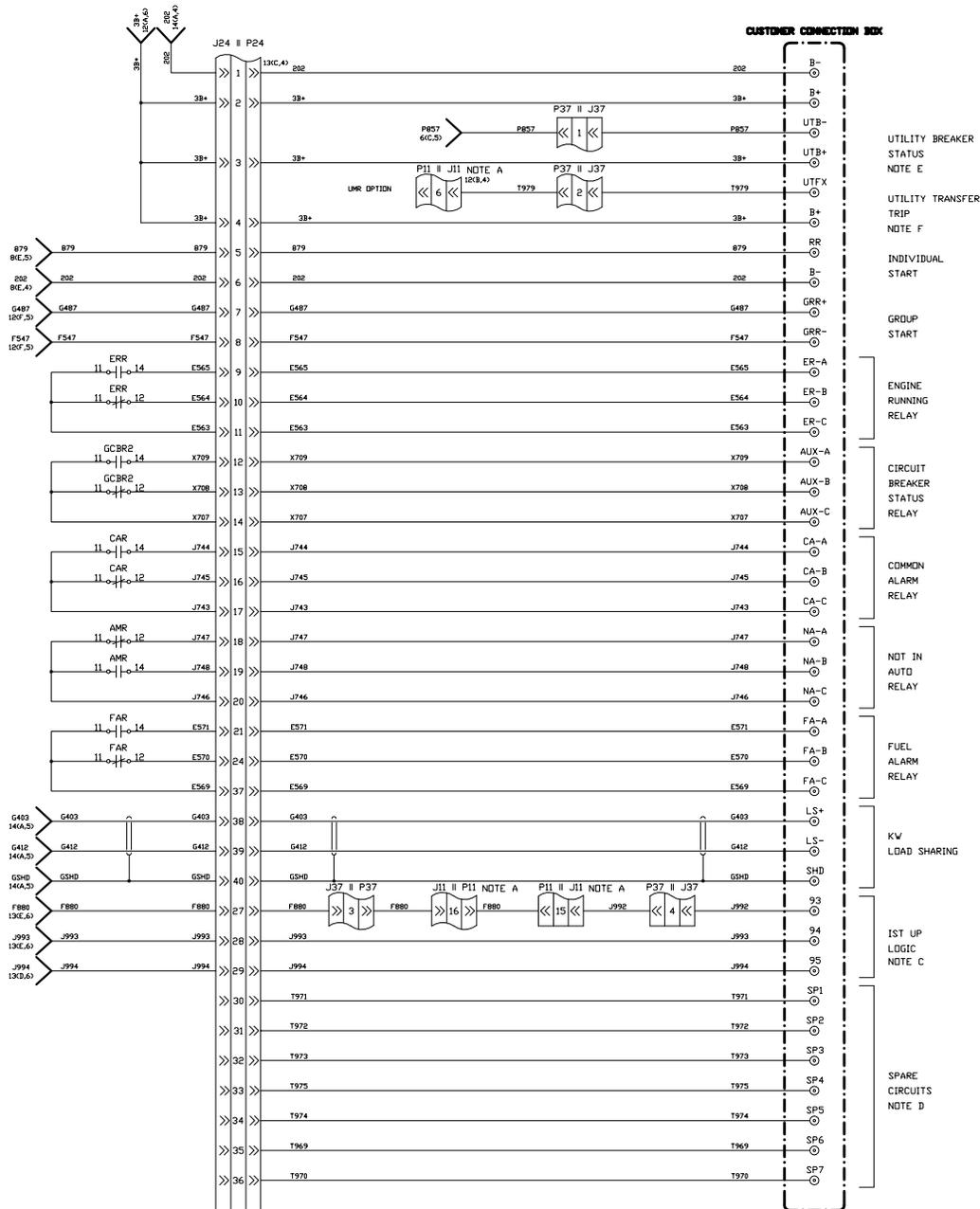
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ALL DIMENSIONS IN INCHES (UNLESS OTHERWISE SPECIFIED)	DF/88E	APS2000	
TOLERANCES: THIRD ANGLE PROJECTION X.X = 0.001 X.XX = 0.0005 X.XXX = 0.00025 X.XXX + 0.00025	SCALE/SHEET SIZE 1=40/D	DRAWN BY:	QUOTE NUMBER:
CHANGE NOTICE:	SHEET:	DATE:	WORK ORDER NUMBER:
TITLE:	10 OF 23	11/26/2012	DRAWING NUMBER:
Schematic APS2000 EMCP 4.4			88E100-02



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SHEET 11 OF 23		WORK ORDER NUMBER -	
TITLE SCHEMATIC APS2000 EMCP 4.4		DRAWING NUMBER 88E100-02	

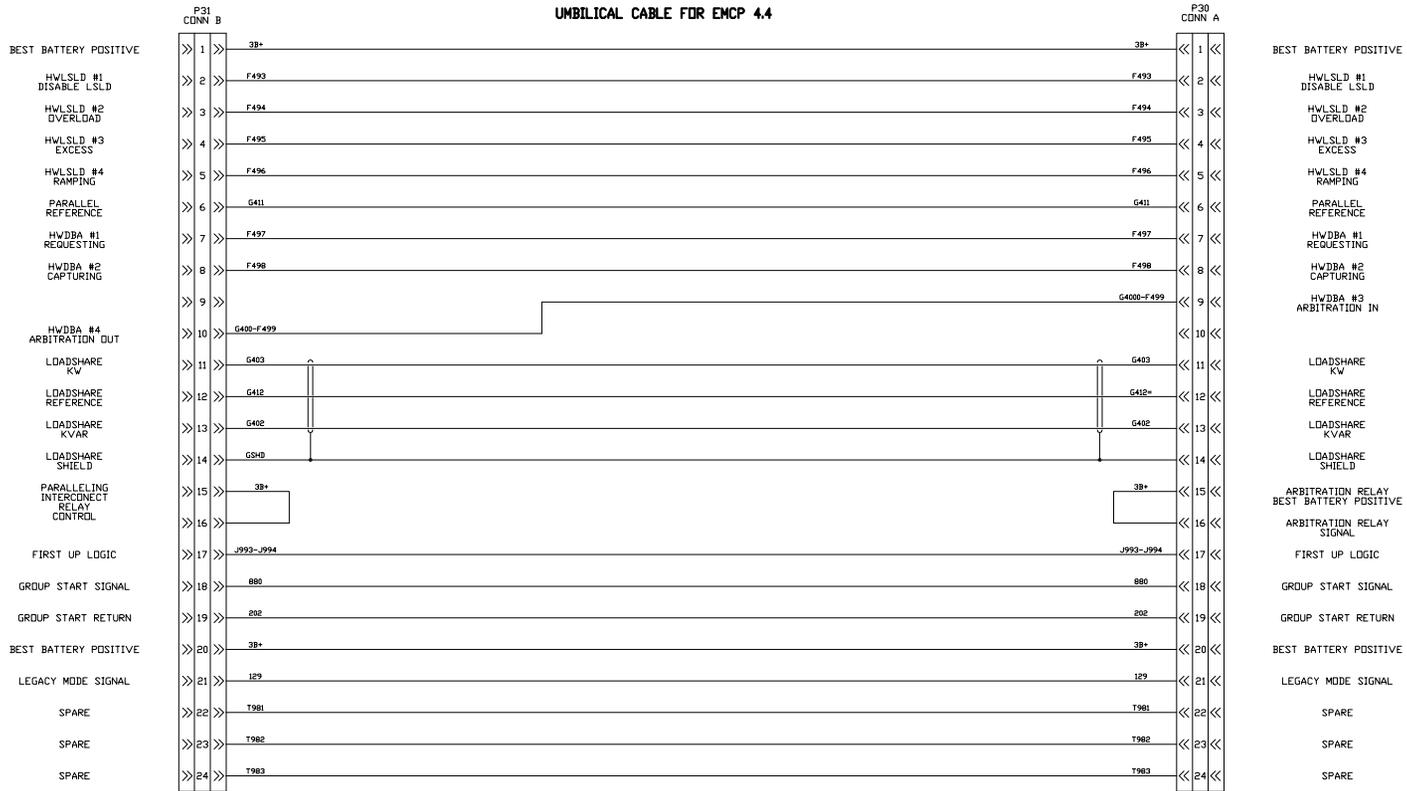
CUSTOMER CONNECTIONS



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ALL DIMENSIONS IN INCHES (UNLESS OTHERWISE SPECIFIED)	DF/BSB	DRAWN BY	QUOTE NUMBER
TOLERANCES: THIRD ANGLE PROJECTION X.XX ± 0.001 X.XX ± 0.002 X.XX ± 0.003	SCALE/SHEET SIZE 1=40/D SHEET	DATE	WORK ORDER NUMBER
ANGLAR ± 1°	15 OF 23	11/26/2012	DRAWING NUMBER
TITLE SCHEMATIC	APS2000 EMCP 4.4	DRAWING NUMBER	BBE100-02

UMBILICAL CABLE FOR EMCP 4.4



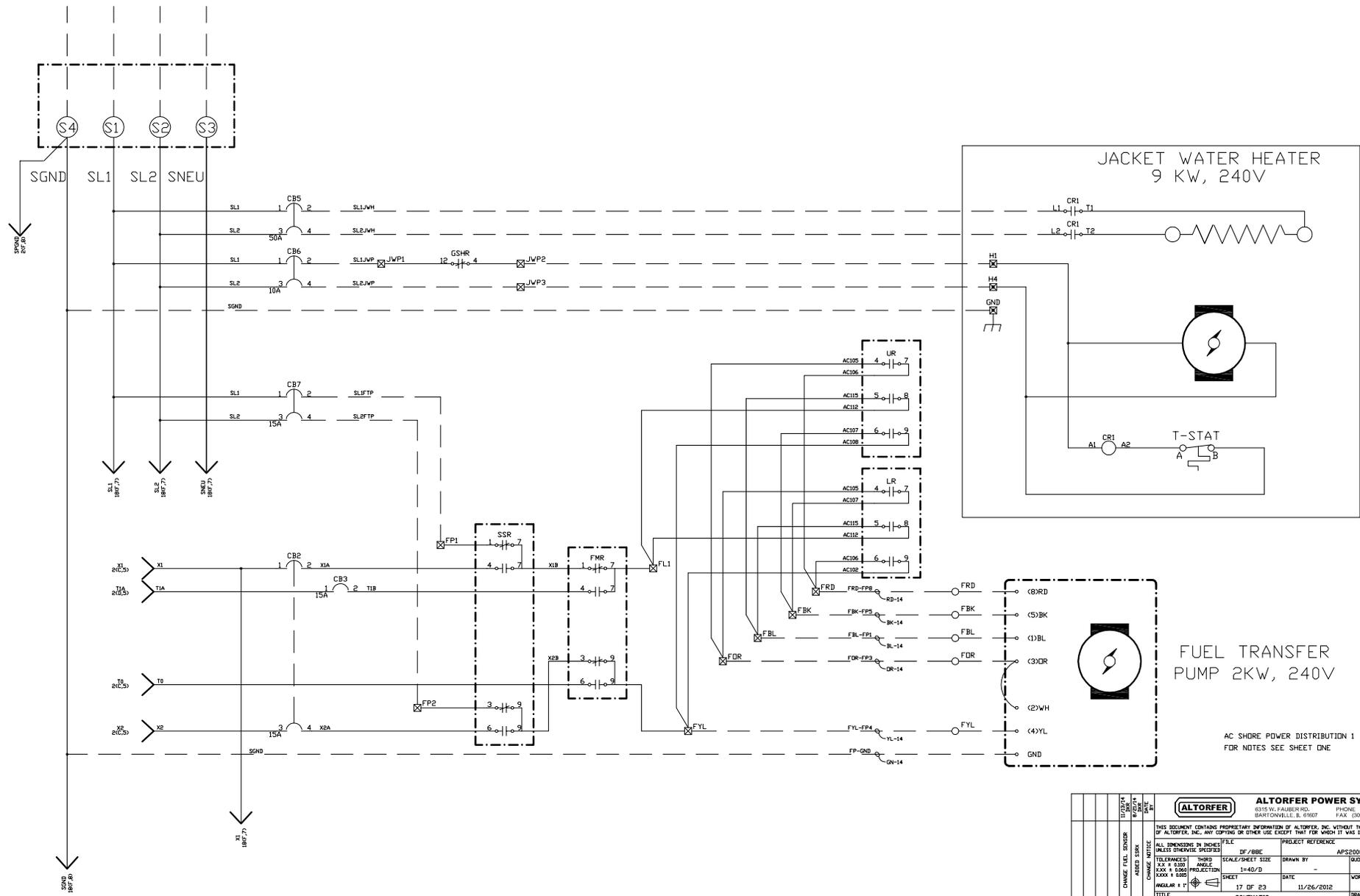
ADAPTOR CABLE ASSEMBLIES FOR LEGACY POWER MODULES



PARALLELING INTERCONNECT CABLE FOR NOTES SEE SHEET ONE

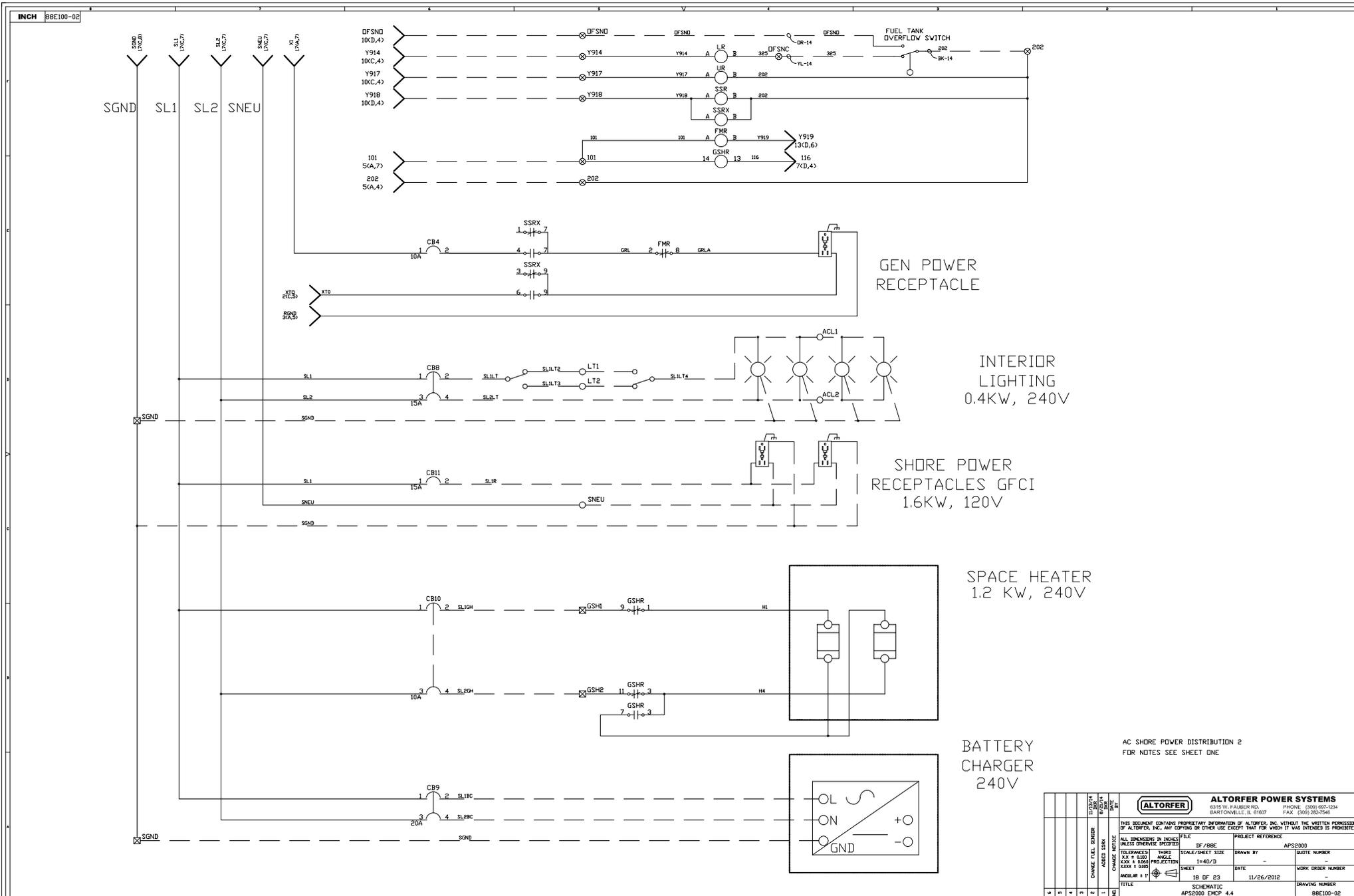
		ALTORFER POWER SYSTEMS 6315 W. FAUBUS RD. PHONE: (309) 697-1234 BARTONVILLE, IL 61810 FAX: (309) 293-7549	
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ALL DIMENSIONS IN INCHES (UNLESS OTHERWISE SPECIFIED)	FILE	DRAWN BY	QUOTE NUMBER
TOLERANCES: THIRD ANGLE PROJECTION X.XX ± 0.001 XXX ± 0.004 XXXX ± 0.002	SCALE/SHEET SIZE 1=40/D SHEET	DATE	WORK ORDER NUMBER
CHANGE NOTICE	16 OF 23	11/26/2012	DRAWING NUMBER
TITLE SCHEMATIC APS2000 EMCP 4.4	DRAWING NUMBER BBE100-02		

100A 240V



AC SHORE POWER DISTRIBUTION 1
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FILE	PROJECT REFERENCE	APSP2000	
DATE	DRAWN BY	-	
QUOTE NUMBER	DATE	11/26/2012	
WORK ORDER NUMBER	DRAWING NUMBER	-	
TITLE	SUBJECT	SCHEMATIC	
APSP2000	EMCP 4.4	-	
BBE100-02			



GEN POWER RECEPTACLE

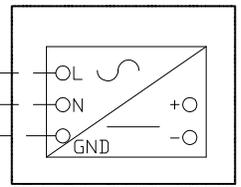
INTERIOR LIGHTING
0.4KW, 240V

SHORE POWER RECEPTACLES GFCI
1.6KW, 120V

SPACE HEATER
1.2 KW, 240V

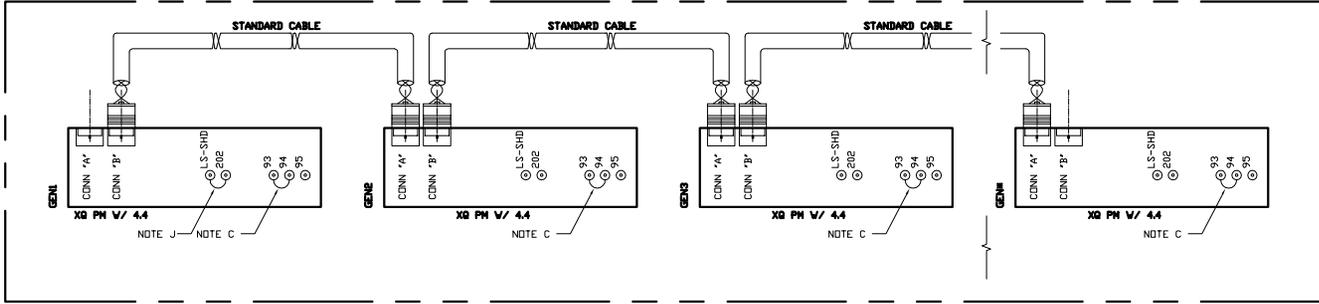
BATTERY CHARGER
240V

AC SHORE POWER DISTRIBUTION 2
FOR NOTES SEE SHEET ONE

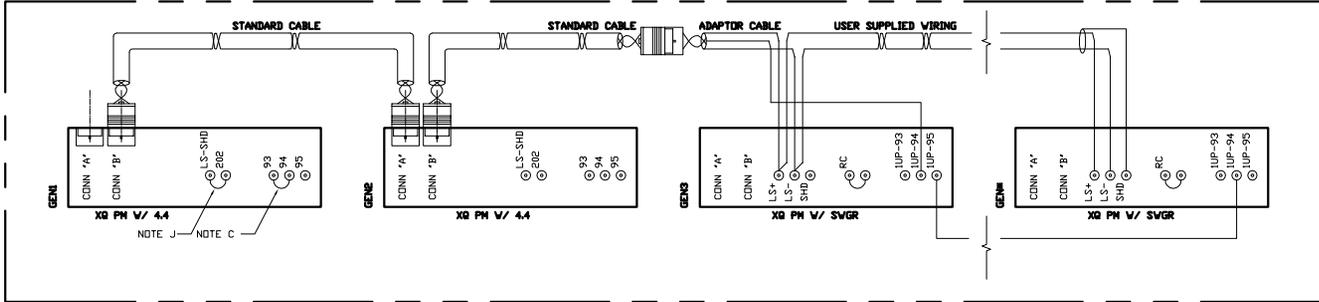


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CHANGE PNL, ENDORSE 1 11/26/12	FILE ALL DIMENSIONS IN INCHES UNLESS SPECIFICALLY NOTED TOLERANCES: THIRD ANGLE PROJECTION X.XX ± 0.01 X.XX ± 0.005 X.XX ± 0.0025 ANGULAR ± 1°	PROJECT REFERENCE APS2000 QUOTE NUMBER - WORK ORDER NUMBER - DATE 11/26/2012 DRAWING NUMBER BBE100-02	DRAWN BY - DATE 11/26/2012 DRAWING NUMBER BBE100-02
TITLE SCHEMATIC APS2000 EMCP 4.4		SCALE/SHEET SIZE 1=40/D SHEET 18 OF 23	

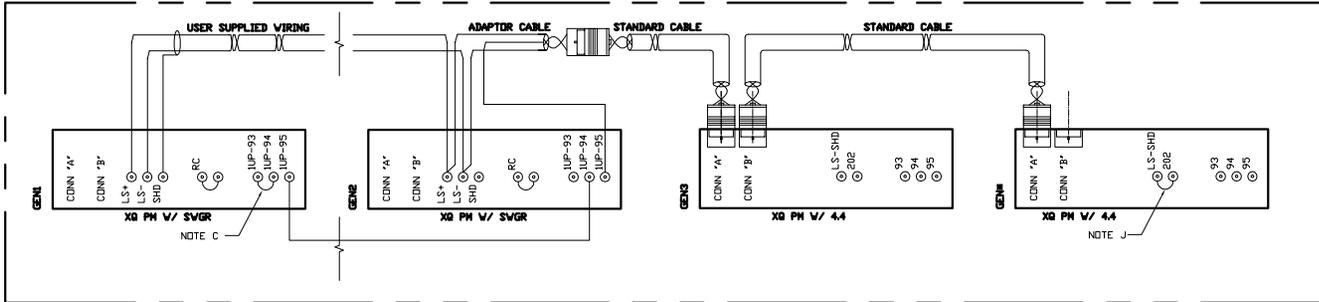
LOAD SHARE CONNECTIONS-(ALL EMCP 4.4 UNITS)



LOAD SHARE CONNECTIONS-(EMCP 4.4 AND LEGACY UNITS) (EMCP 4.4 LEAD UNIT SELECT)



LOAD SHARE CONNECTIONS-(EMCP 4.4 AND LEGACY UNITS) (LEGACY LEAD UNIT SELECT)



CUSTOMER PARALLELING CONNECTIONS
FOR NOTES SEE SHEET ONE

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		FILE		APSS2000	
		ALL DIMENSIONS IN INCHES (UNLESS SPECIFIC NOTED)		DRAWN BY	
		TOLERANCES: THIRD ANGLE PROJECTION		SCALE/SHEET SIZE	
		±.005		1:40/D	
		±.010		DATE	
		±.015		11/26/2012	
		±.030		WORK ORDER NUMBER	
		ANGULAR ± 1°		DRAWING NUMBER	
		TITLE		SCHEMATIC	
		APSS2000 EMCP 4.4		DRAWING NUMBER	
				8BE100-02	

