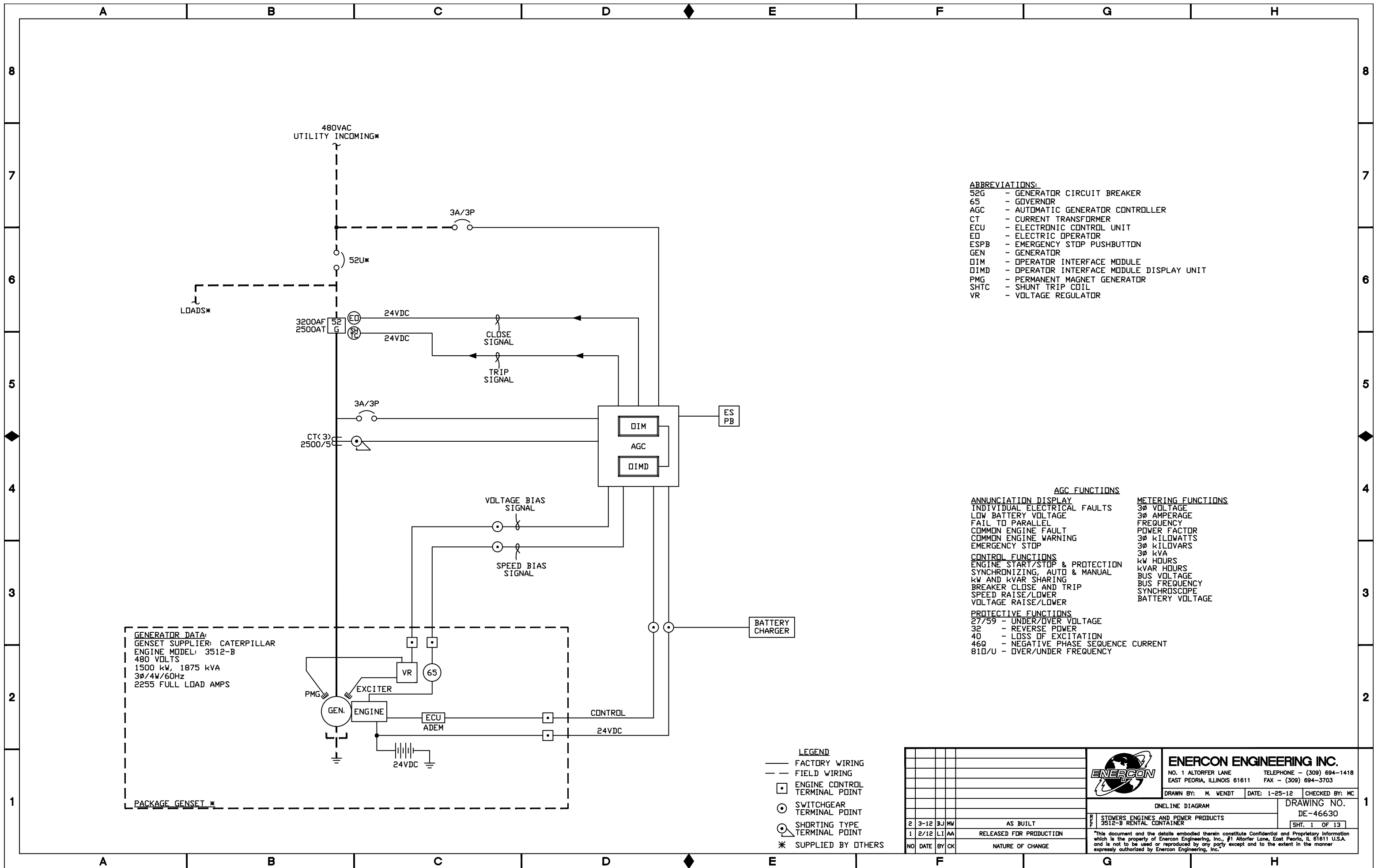
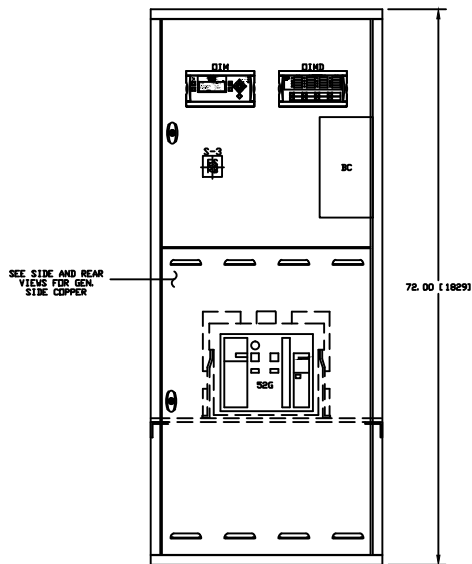
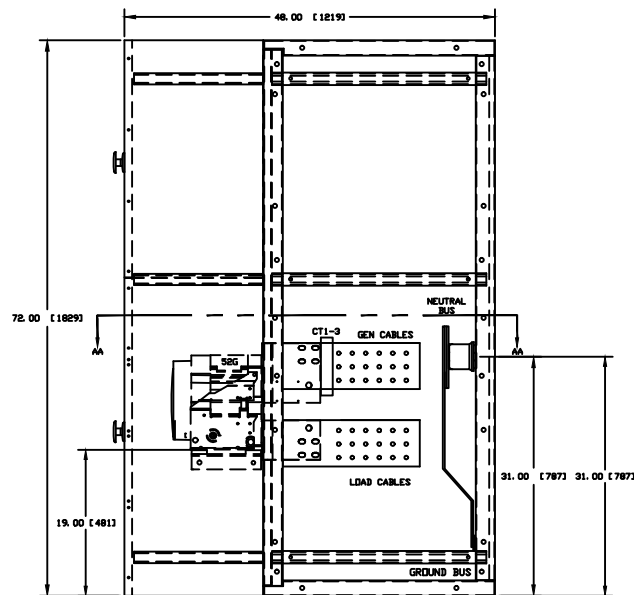


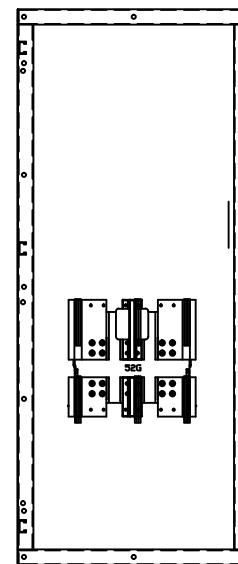




FRONT VIEW

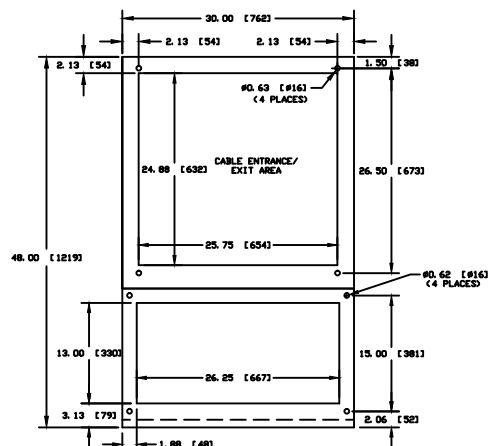


RIGHT SIDE VIEW

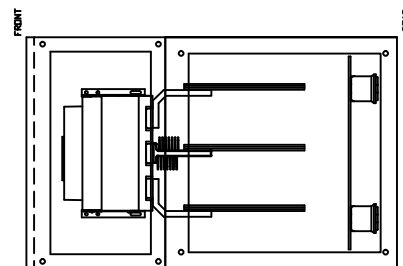


REAR VIEW

NOTE: FOR CLARITY, NEUTRAL BUS NOT SHOWN IN THIS VIEW



PLAN VIEW



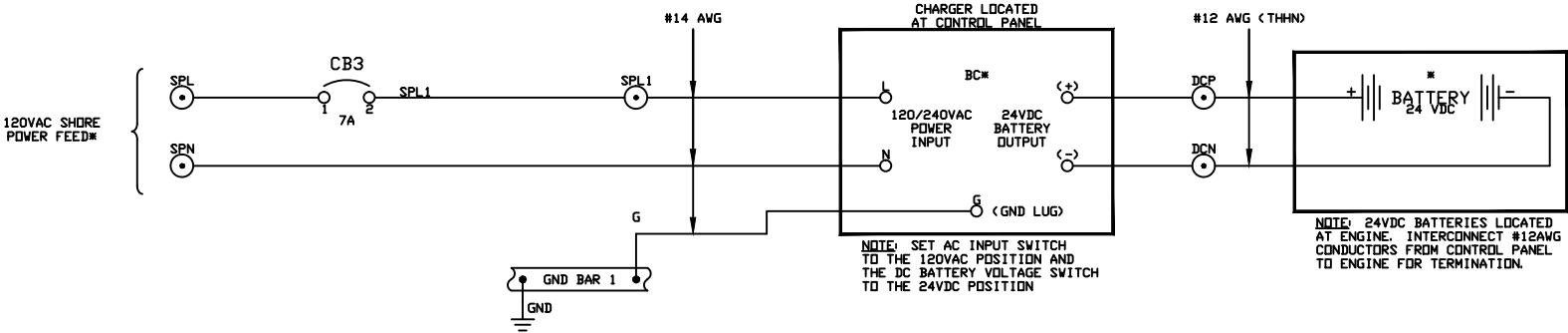
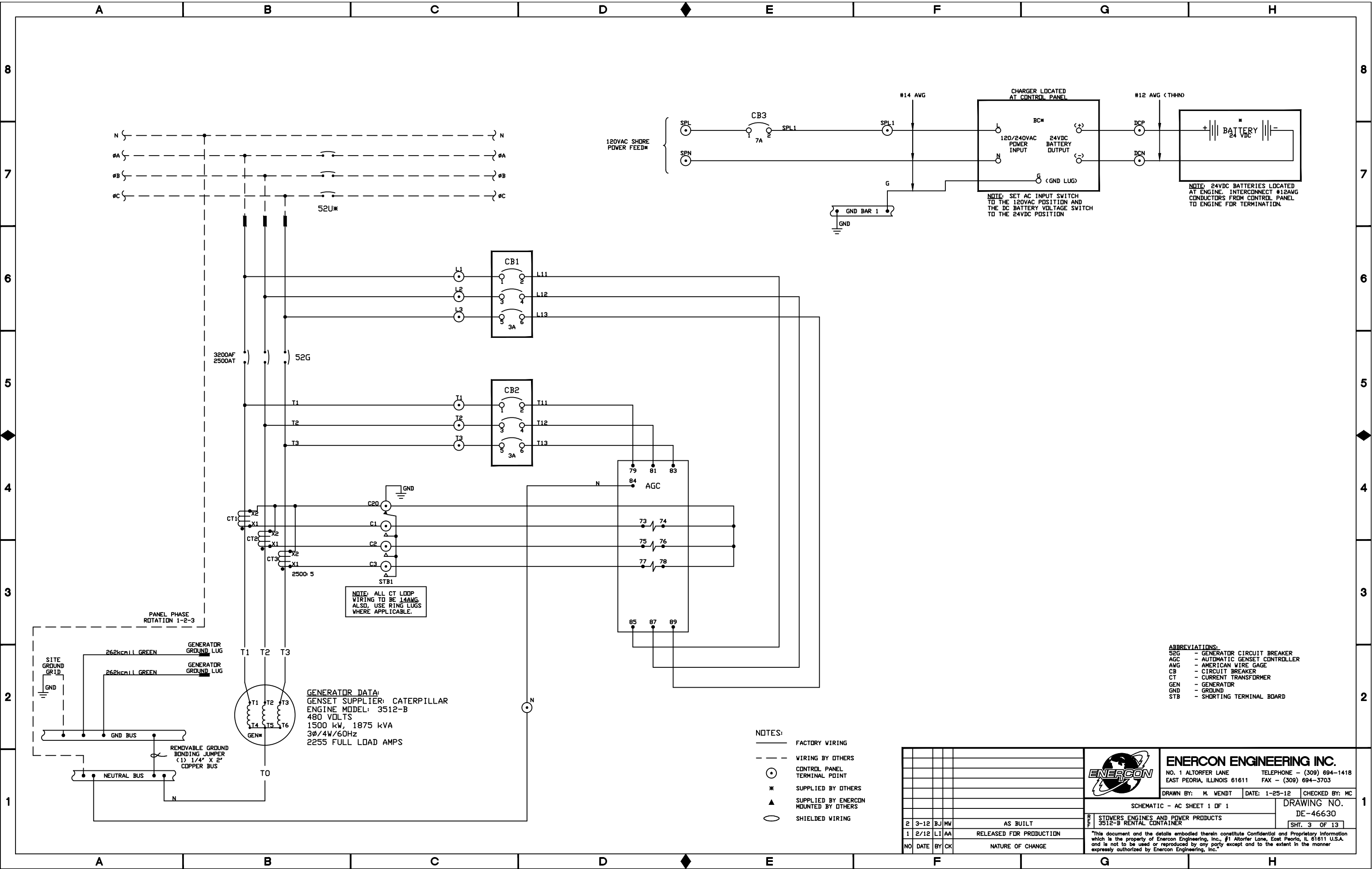
SECTION A-A VIEW

ABBREVIATIONS:
 GCB - GENERATOR CIRCUIT BREAKER
 BC - BATTERY CHARGER
 CT - CURRENT TRANSFORMER
 ESB - EMERGENCY STOP PUSHBUTTON
 GFS - GROUND FAULT SENSOR
 OIM - OPERATOR INTERFACE MODULE
 OIMD - OPERATOR INTERFACE MODULE DISPLAY UNIT

CONSTRUCTION NOTES:
 NEW 1 METAL ENCLOSURE FOR INDOOR USE WITH INTERNAL BARRIERS FORMING BUS, BREAKER CONTROL, AND TRANSFORMER COMPARTMENTS. REMOVABLE SIDE SHEETS FOR ACCESS TO BUS AND BREAKER COMPARTMENTS. FRONT ACCESS VIA FRONT HINGED DOORS WHICH ARE KEY LOCKABLE. PAINT TO BE ANSI #61 LIGHT GRAY.

BUS NOTES:
 RUNDUCKS - (3) 0.25 (63) x 4.00 (102) RATED 3200A
 NEUTRAL BAR - (2) 0.25 (63) x 8.00 (203) RATED 3200A
 GROUND BAR - (1) 0.25 (63) x 8.00 (203) RATED 800A
 GROUND/NEUTRAL BUS BARR CONNECTOR - (1) 0.25 (63) x 2.00 (51) RATED 800A
 ALL BUS BARS ARE SILVER PLATED COPPER

DIMENSIONS SHOWN ARE IN INCHES.
 DIMENSIONS IN BRACKETS ARE IN MM.



NOTE: ALL CT LOOP WIRING TO BE 14AWG. ALSO, USE RING LUGS WHERE APPLICABLE.

GENERATOR DATA:
GENSET SUPPLIER: CATERPILLAR
ENGINE MODEL: 3512-B
480 VOLTS
1500 kW, 1875 kVA
3Ø/4W/60Hz
2255 FULL LOAD AMPS

- ABBREVIATIONS:
- 52G - GENERATOR CIRCUIT BREAKER
 - AGC - AUTOMATIC GENSET CONTROLLER
 - AWG - AMERICAN WIRE GAGE
 - CB - CIRCUIT BREAKER
 - CT - CURRENT TRANSFORMER
 - GEN - GENERATOR
 - GND - GROUND
 - STB - SHORTING TERMINAL BOARD

- NOTES:
- FACTORY WIRING
 - - - WIRING BY OTHERS
 - CONTROL PANEL TERMINAL POINT
 - * SUPPLIED BY OTHERS
 - ▲ SUPPLIED BY ENERCON MOUNTED BY OTHERS
 - SHIELDED WIRING

						ENERCON ENGINEERING INC. NO. 1 ALTORFER LANE EAST PEORIA, ILLINOIS 61611		TELEPHONE - (309) 694-1418 FAX - (309) 694-3703	
				DRAWN BY: M. WENDT		DATE: 1-25-12		CHECKED BY: MC	
				SCHEMATIC - AC SHEET 1 OF 1		DRAWING NO. DE-46630		SHT. 3 OF 13	
				STOVERS ENGINES AND POWER PRODUCTS 3512-B RENTAL CONTAINER		This document and the details embodied therein constitute Confidential and Proprietary Information which is the property of Enercon Engineering, Inc., #1 Altorfer Lane, East Peoria, IL 61611 U.S.A. and is not to be used or reproduced by any party except and to the extent in the manner expressly authorized by Enercon Engineering, Inc.			
2	3-12	BJ	MW	AS BUILT					
1	2/12	LI	AA	RELEASED FOR PRODUCTION					
NO	DATE	BY	CK	NATURE OF CHANGE					

ENGINE SCHEMATIC FOR
REFERENCE ONLY - NOT
AN EXACT REPRESENTATION
OF SUPPLIED ENGINE

(GEN-MOUNTED)

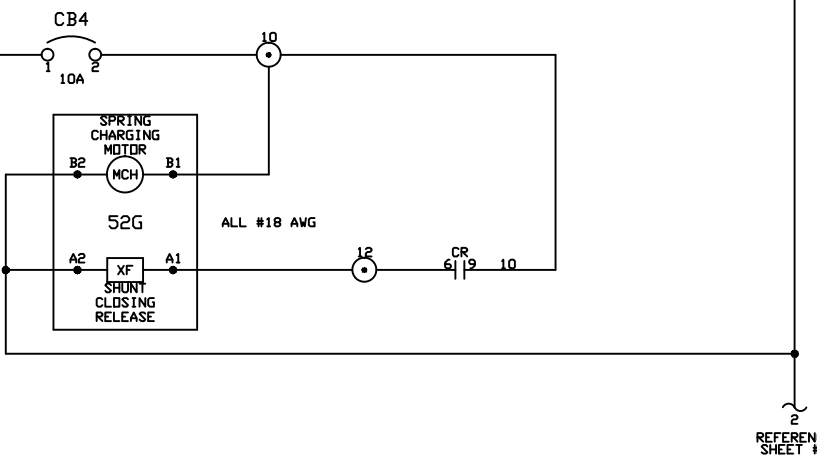
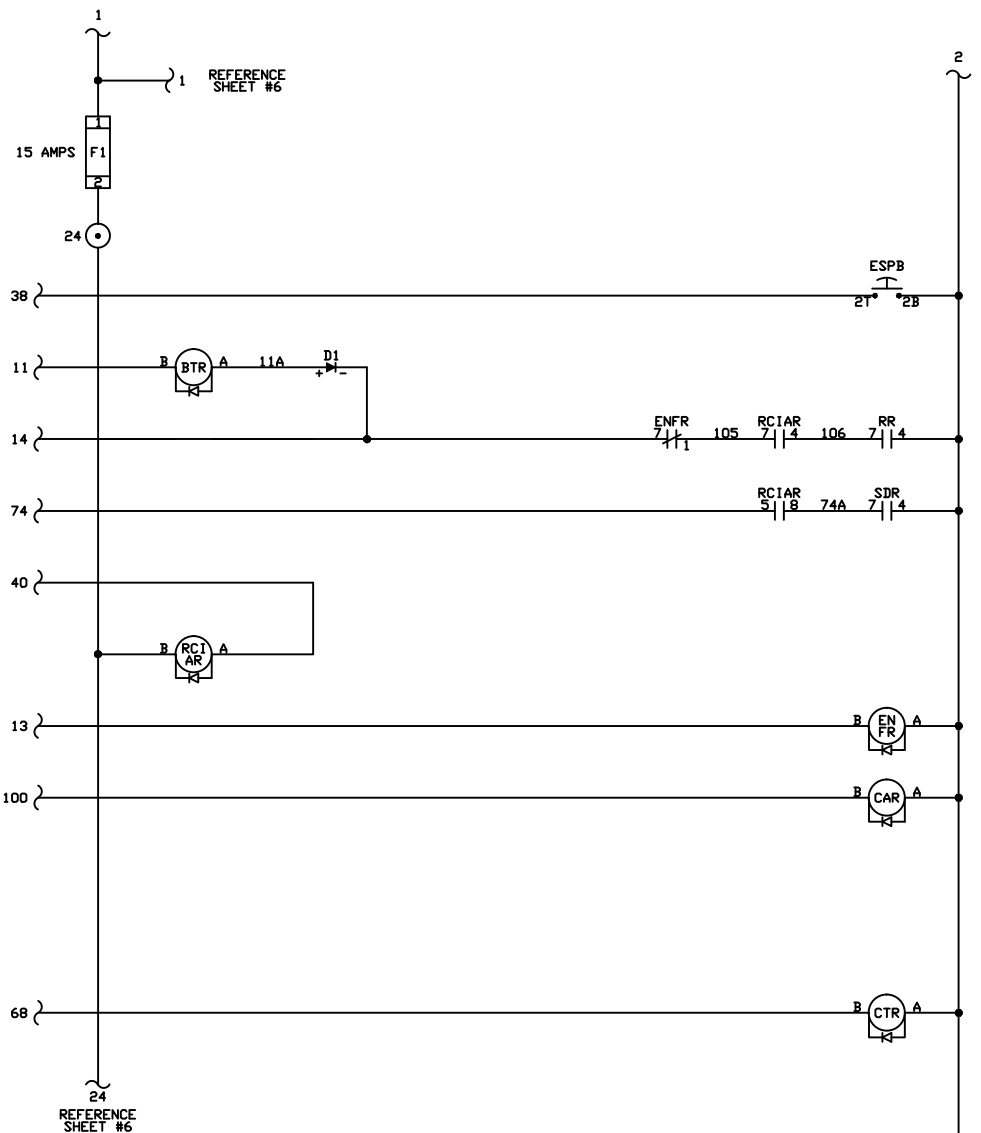
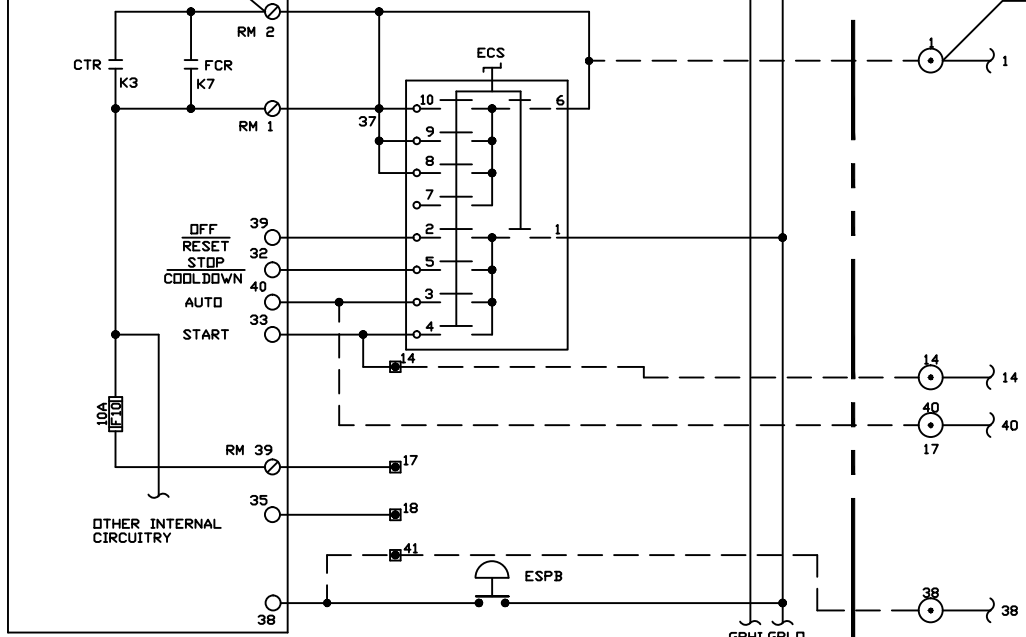
COMPONENTS MOUNTED
EXTERNAL FROM
ENERCON SWITCHGEAR

ABBREVIATIONS:
BTR - BREAKER TRIP RELAY
CAR - COMMON ALARM RELAY
CB - CIRCUIT BREAKER
CTR - CRANK TERMINATION RELAY
D - DIODE
ECS - ENGINE CONTROL SWITCH
EGR - ELECTRONIC GOVERNOR RELAY
ENFR - ENGINE FAILURE RELAY
ENFR - EMERGENCY STOP PUSHBUTTON
F - FUSE
MPU - MAGNETIC PICKUP
PS - PINION SOLENOID
RCIAR - REMOTE CONTROLS IN AUTO RELAY
RR - RUN RELAY
SDR - SHUTDOWN RELAY

CONTACTS		RESET	STOP/COOLDOWN	LINE No.
1	X	X	X	1
2	X	X	X	2
3	X	X	X	3
4	X	X	X	4
5	X	X	X	5
6	X	X	X	6
7	X	X	X	7
8	X	X	X	8
9	X	X	X	9
10	X	X	X	10

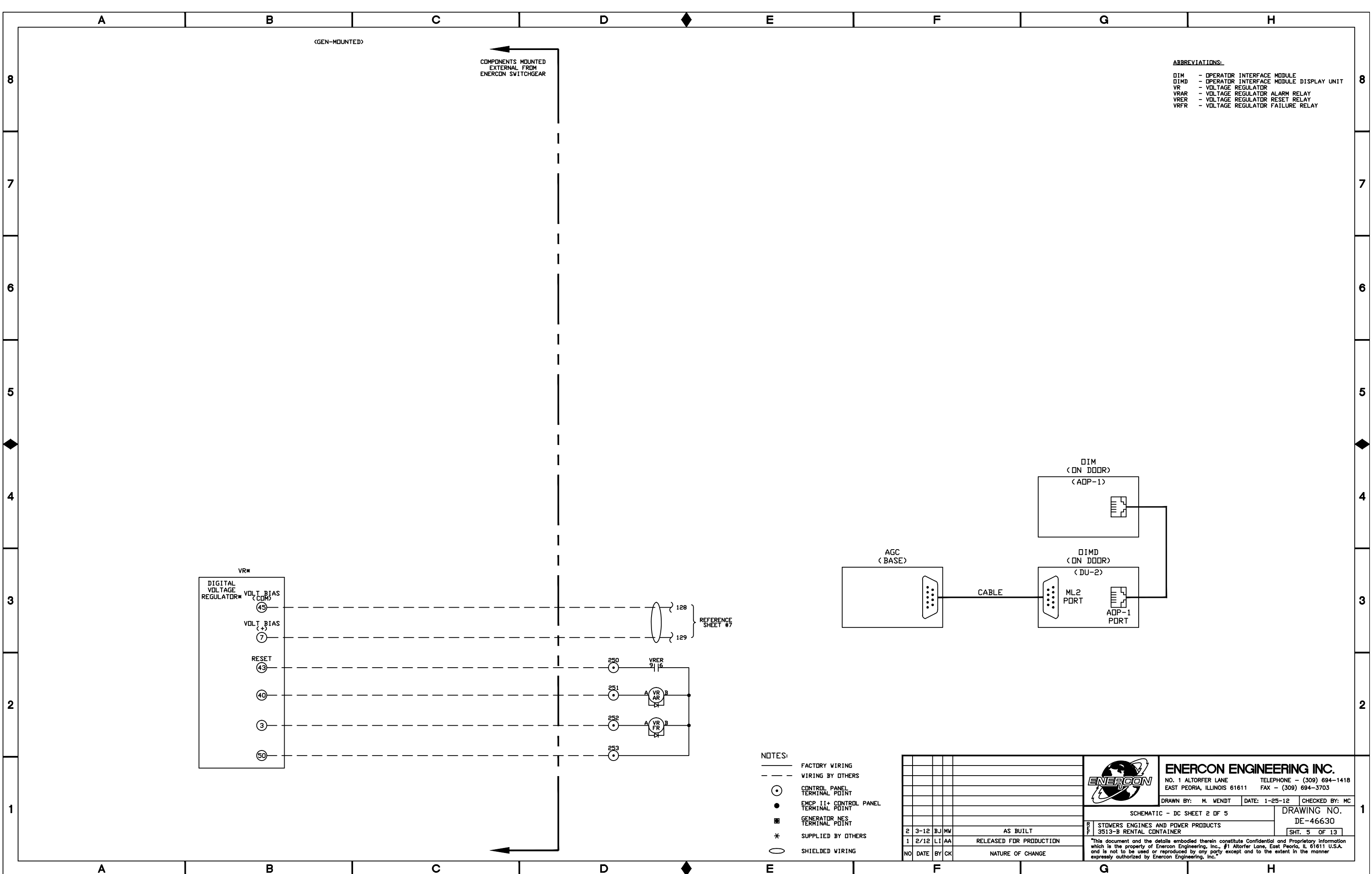
ENGINE CONTROL
RESET

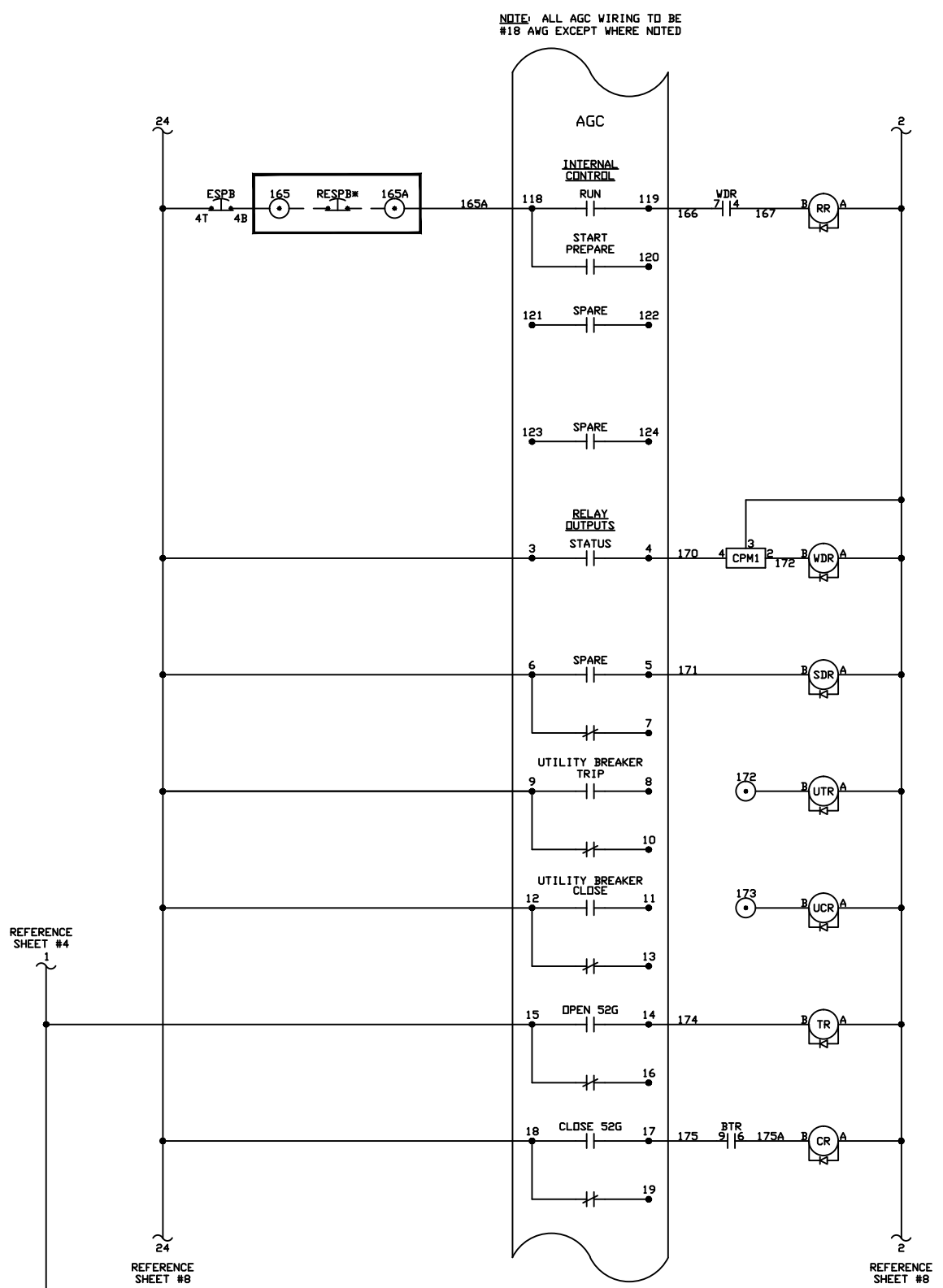
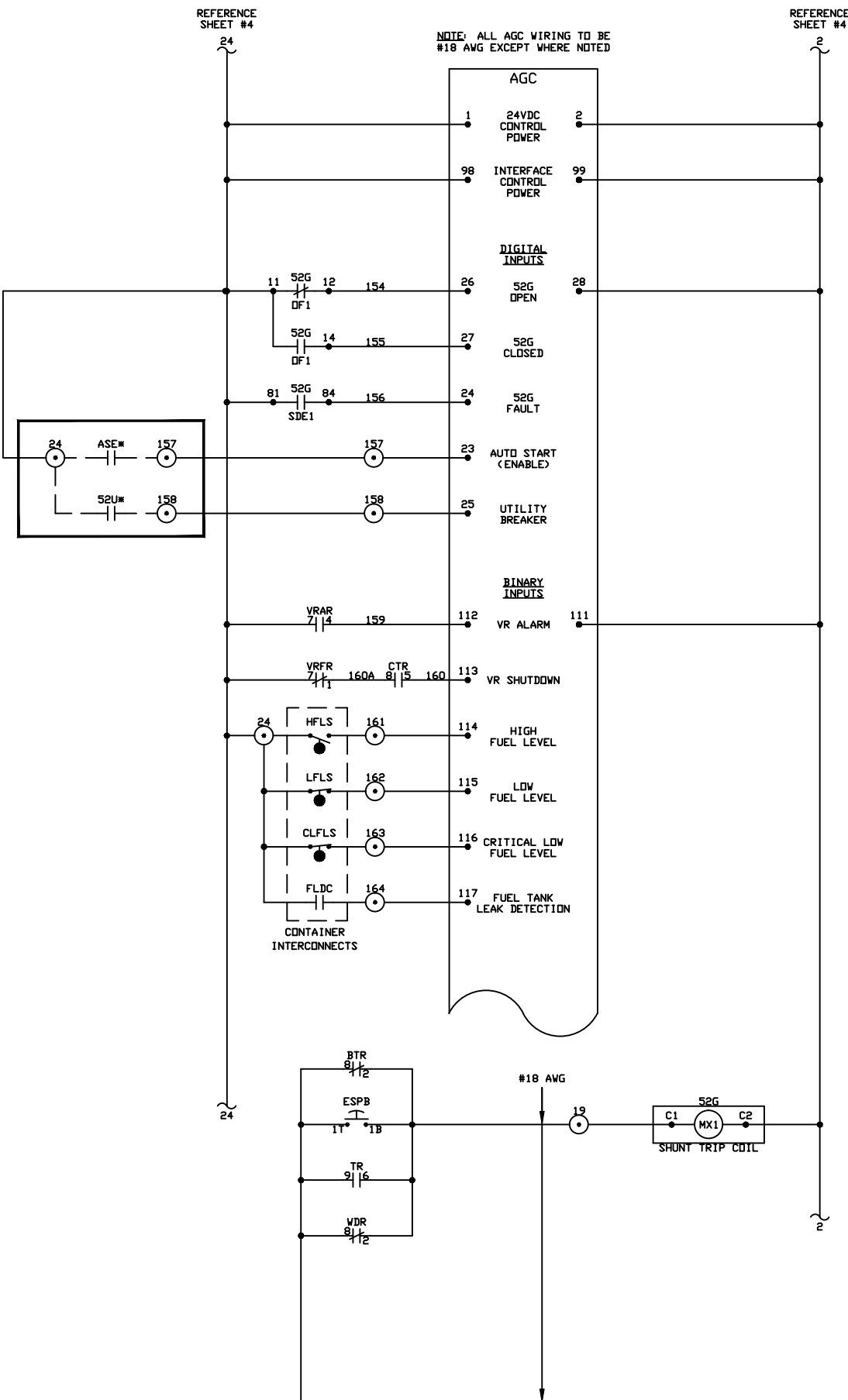
X-INDICATES "CLOSED"
X-INDICATES "MAKE
BEFORE BREAK"



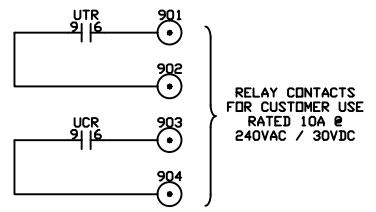
- NOTES:
- FACTORY WIRING
 - WIRING BY OTHERS
 - CONTROL PANEL TERMINAL POINT
 - EMCP II+ CONTROL PANEL TERMINAL POINT
 - GENERATOR NES TERMINAL POINT
 - SUPPLIED BY OTHERS
 - SHIELDED WIRING

ENERCON ENGINEERING INC. NO. 1 ALTORFER LANE EAST PEORIA, ILLINOIS 61611				TELEPHONE - (309) 694-1418 FAX - (309) 694-3703			
DRAWN BY: M. WENDT				DATE: 1-25-12			
CHECKED BY: MC				SCHEMATIC - DC SHEET 1 OF 5			
STOWERS ENGINES AND POWER PRODUCTS 3513-B RENTAL CONTAINER				DRAWING NO. DE-46630 SHT. 4 OF 13			
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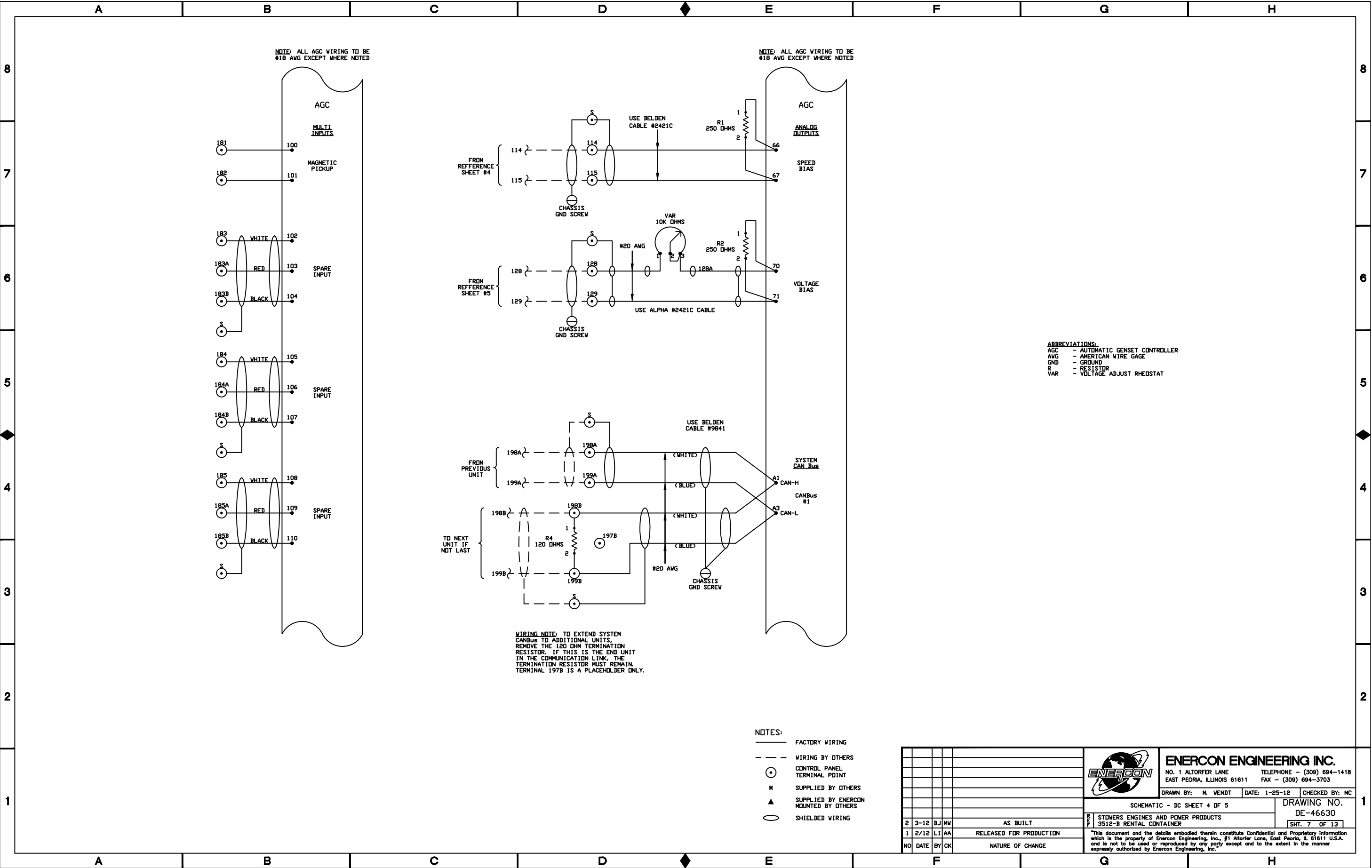


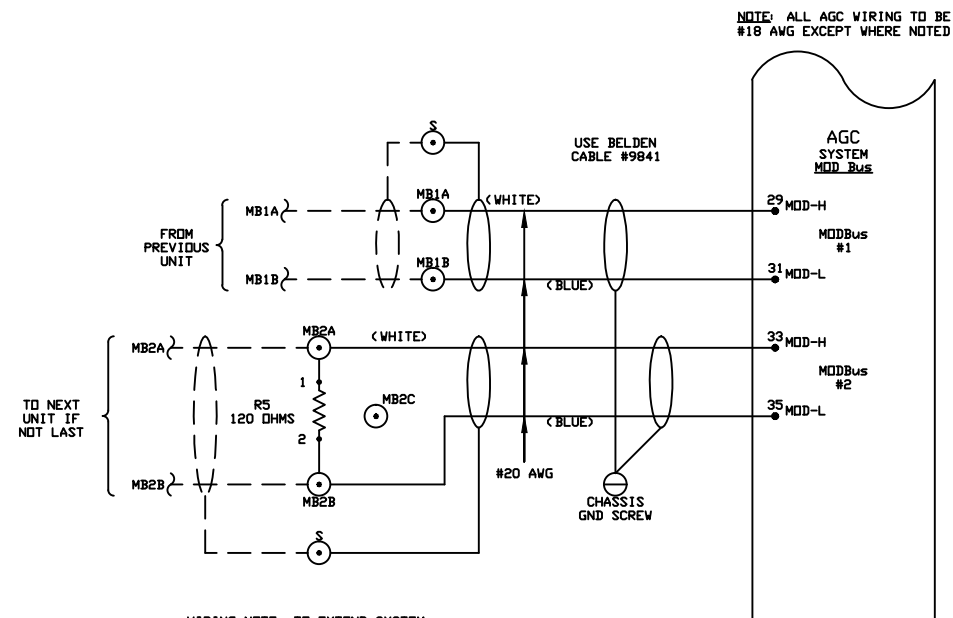


- ABBREVIATIONS:
- 52G - GENERATOR CIRCUIT BREAKER
 - 52U - UTILITY CIRCUIT BREAKER
 - AGC - AUTOMATIC GENSET CONTROLLER
 - ASE - AUTOMATIC START ENABLE
 - AWG - AMERICAN WIRE GAGE
 - BTR - BREAKER TRIP RELAY
 - CLFLS - CRITICAL LOW FUEL LEVEL SWITCH
 - CPM - CAPACITOR MODULE
 - CR - CRANK TERMINATION RELAY
 - ESPB - EMERGENCY STOP PUSHBUTTON
 - FLDC - FUEL LEAK DETECT CONTACT
 - HFLS - HIGH FUEL LEVEL SWITCH
 - LFLS - LOW FUEL LEVEL SWITCH
 - MX1 - SHUNT TRIP COIL
 - RES - REMOTE EMERGENCY STOP
 - RESPB - REMOTE EMERGENCY STOP PUSH BUTTON
 - RR - RUN RELAY
 - SDR - SHUTDOWN RELAY
 - TR - TRIP RELAY
 - UCR - UTILITY BREAKER CLOSED RELAY
 - UTR - UTILITY TRIP BREAKER
 - VRAR - VOLTAGE REGULATOR ALARM RELAY
 - VRFR - VOLTAGE REGULATOR FAILURE RELAY
 - VDR - WATCHDOG RELAY



						ENERCON ENGINEERING INC. NO. 1 ALTORFER LANE EAST PEORIA, ILLINOIS 61611		TELEPHONE - (309) 694-1418 FAX - (309) 694-3703			
				DRAWN BY: M. WENDT		DATE: 1-25-12		CHECKED BY: MC			
				SCHEMATIC - DC SHEET 3 OF 5						DRAWING NO. DE-46630	
				STOWERS ENGINES AND POWER PRODUCTS 3512-B RENTAL CONTAINER						SHT. 6 OF 13	
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2	3-12	BJ	MW	AS BUILT							
1	2/12	LI	AA	RELEASED FOR PRODUCTION							
NO	DATE	BY	CK	NATURE OF CHANGE							





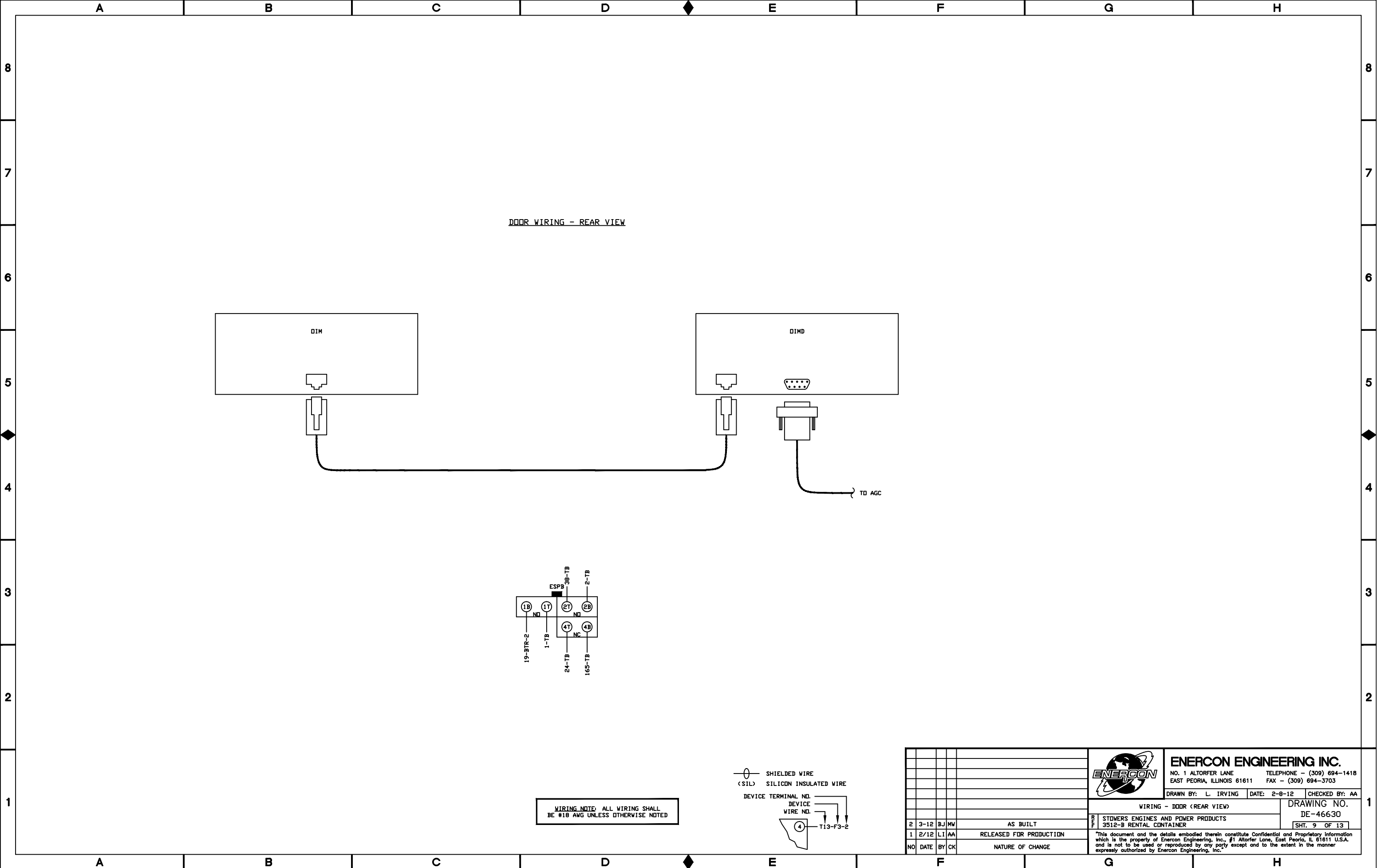
WIRING NOTE: TO EXTEND SYSTEM CANbus TO ADDITIONAL UNITS, REMOVE THE 120 OHM TERMINATION RESISTOR. IF THIS IS THE END UNIT IN THE COMMUNICATION LINK, THE TERMINATION RESISTOR MUST REMAIN. TERMINAL MV2C IS A PLACEHOLDER ONLY.

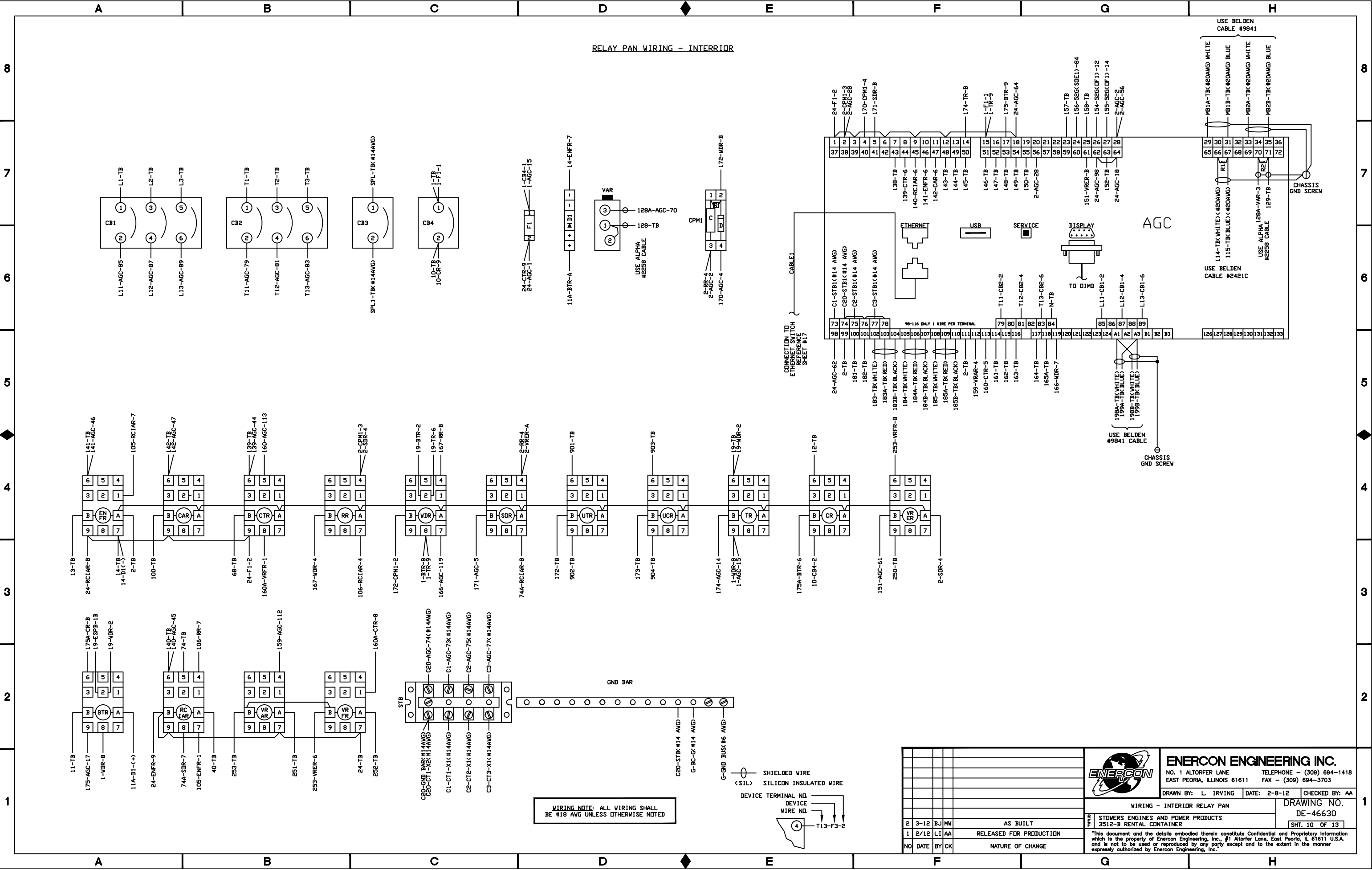
2	3-12	BJ	MW	AS BUILT
1	2/12	LI	AA	RELEASED FOR PRODUCTION
NO	DATE	BY	CK	NATURE OF CHANGE

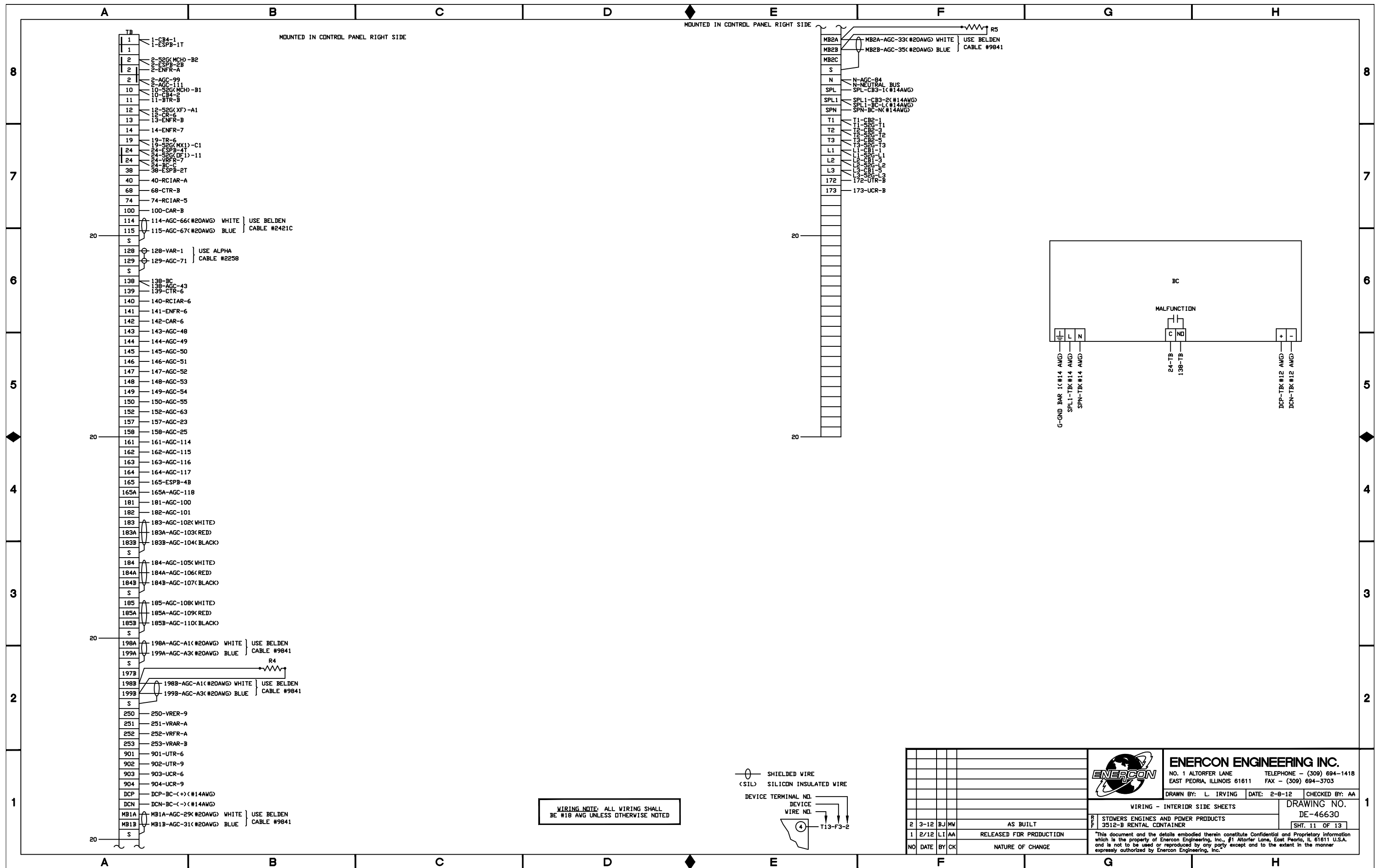


ENERCON ENGINEERING INC.			
NO. 1 ALTORFER LANE		TELEPHONE - (309) 694-1418	
EAST PEORIA, ILLINOIS 61611		FAX - (309) 694-3703	
DRAWN BY: M. WENDT		DATE: 1-25-12	
		CHECKED BY: MC	
TIC - DC SHEET 5 OF 5		DRAWING NO. DE-46630	
AND POWER PRODUCTS CONTAINER		SHT. 8 OF 13	

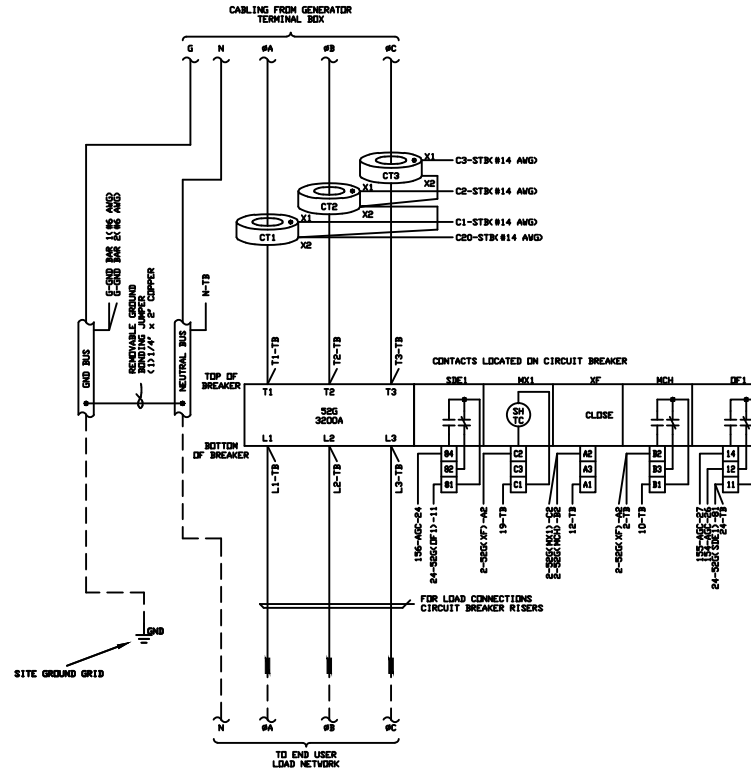
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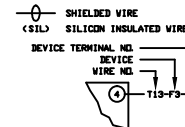




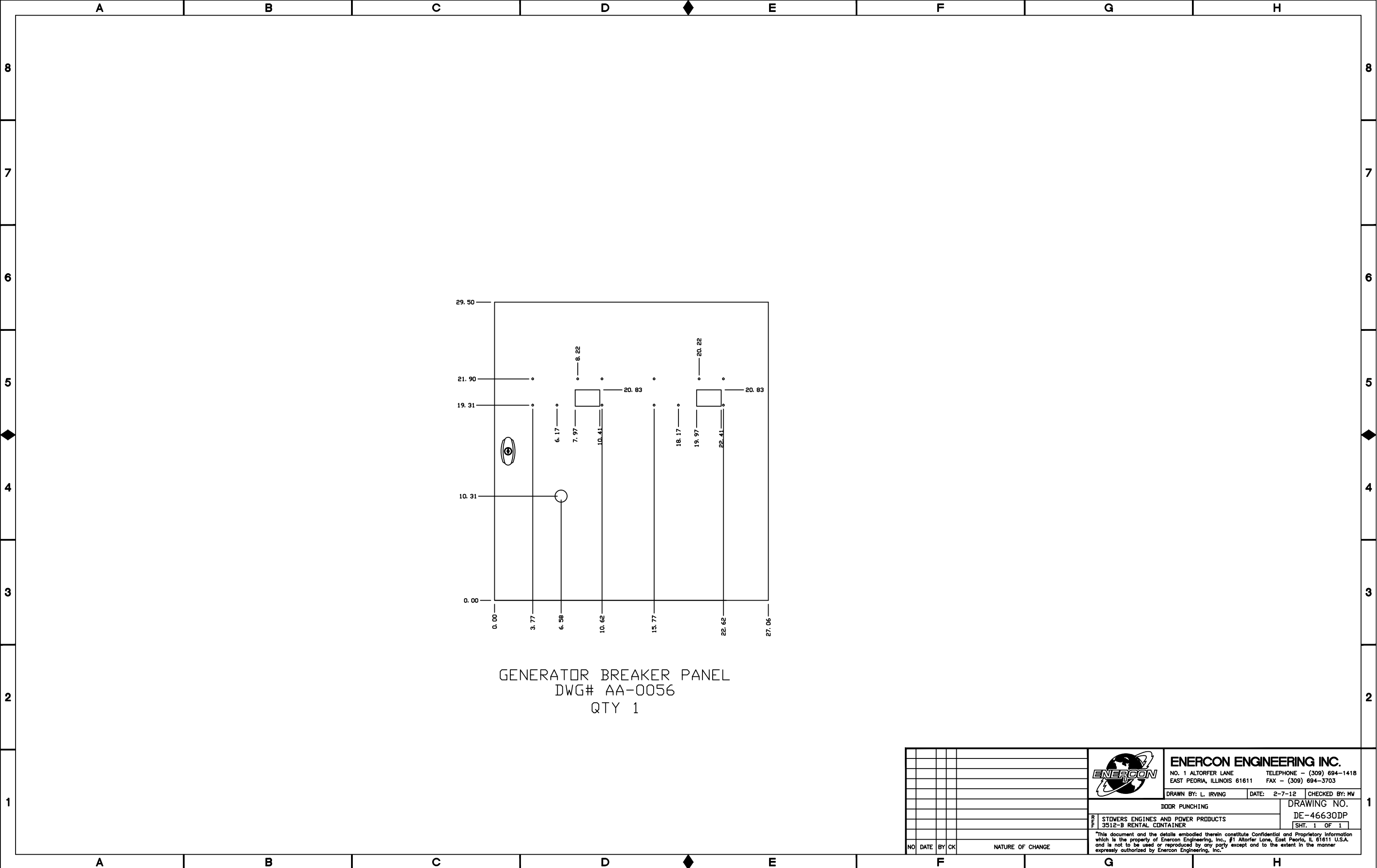
CIRCUIT BREAKER & CURRENT TRANSFORMER WIRING



WIRING NOTE: ALL WIRING SHALL BE #10 AWG UNLESS OTHERWISE NOTED



NO. 1 ALTOFFICE LANE EAST PEORIA, ILLINOIS 61611		TELEPHONE - (309) 694-1418 FAX - (309) 694-3703	
DRAWN BY: L. IRVING		DATE: 2-8-12	
CHECKED BY: AA		DRAWING NO. DE-46630	
WIRING - INTERIOR LOWER BREAKER COMPARTMENT		SHIT. 1E OF 13	
STIMERS ENGINES AND POWER PRODUCTS 3512-B RENTAL CONTAINER		This document and the details embodied therein constitute Confidential and Proprietary Information which is the property of Emerson Engineering, Inc. If Allocated Lines, East Peoria, IL 61611 U.S.A. and is not to be used or reproduced by any party except and to the extent in the manner expressly authorized by Emerson Engineering, Inc.	
2 3-12 BJ/WN 1 2/12 LI/AA NO DATE BY/CK	AS BUILT RELEASED FOR PRODUCTION NATURE OF CHANGE		



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