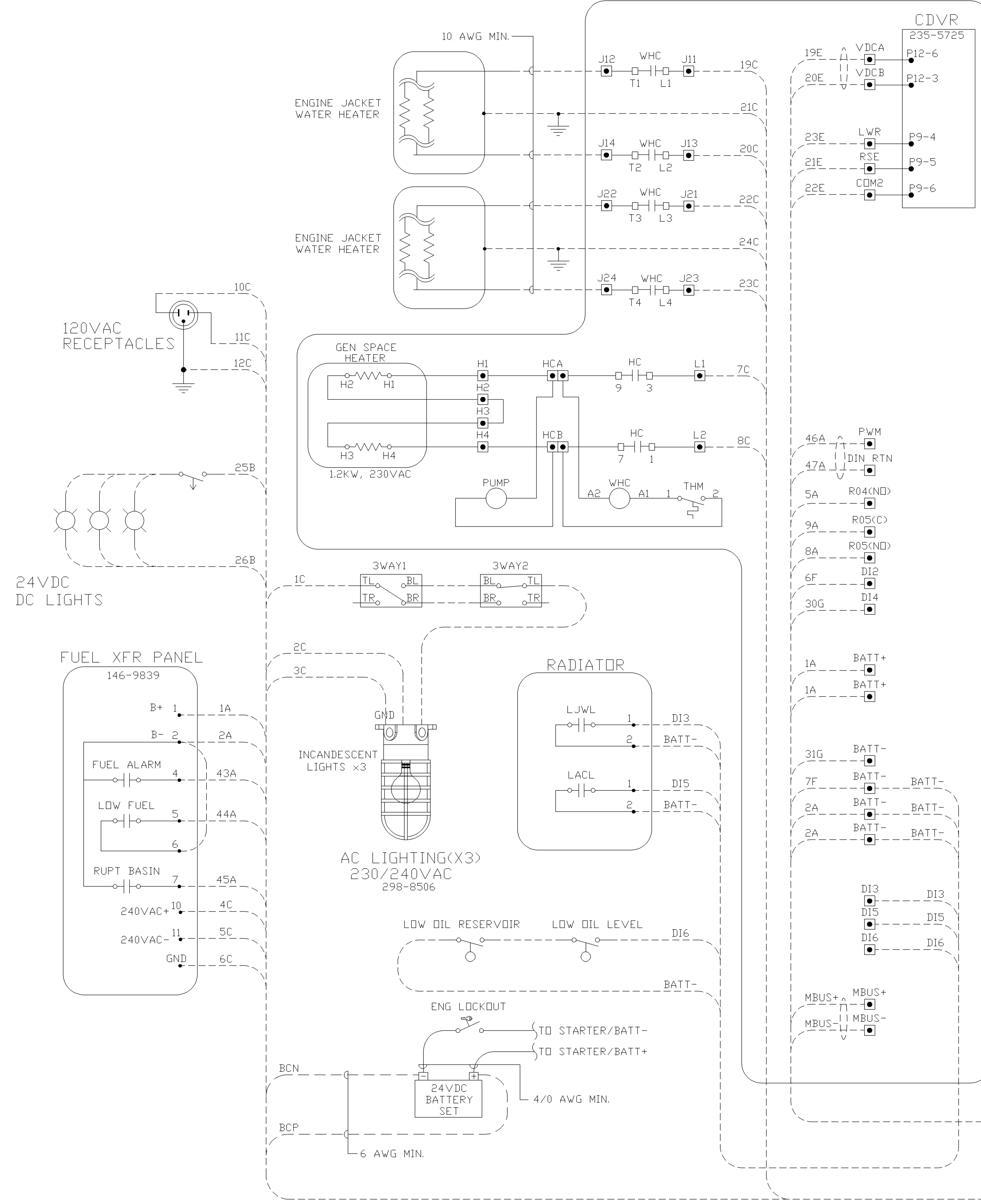




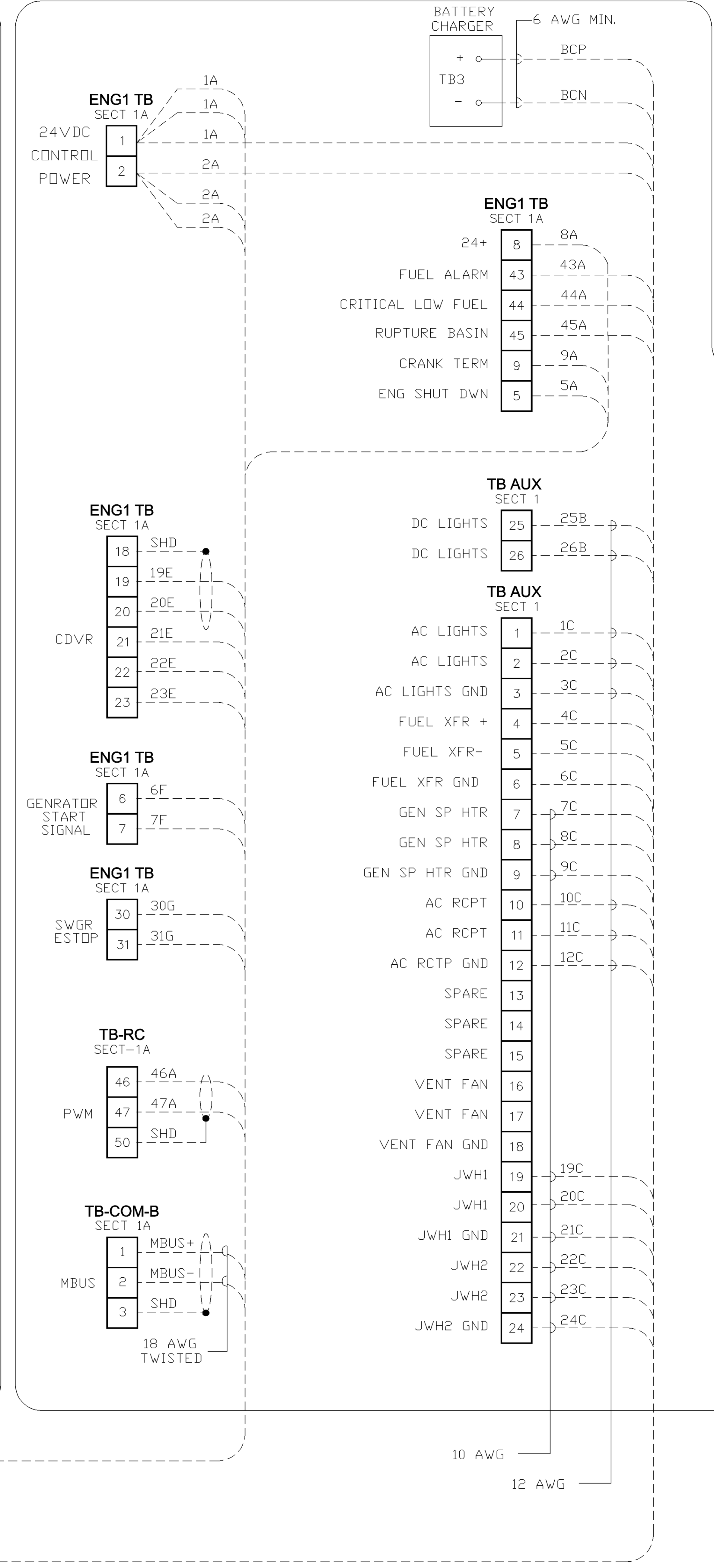


ITEM	QTY	MEAS UNIT	PART NO.	NAME
MISC REF				
A	-	1	293-2472	SWITCHGEAR-1600A
A	-	1	300-7356	DIAGRAM-WIRING
B	-	1	293-2473	SWITCHGEAR-3000A
B	-	1	300-7358	DIAGRAM-WIRING
C	-	1	249-1166	DIAGRAM-WIRING
D	-	1	249-0606	SCHEMATIC-WIRING

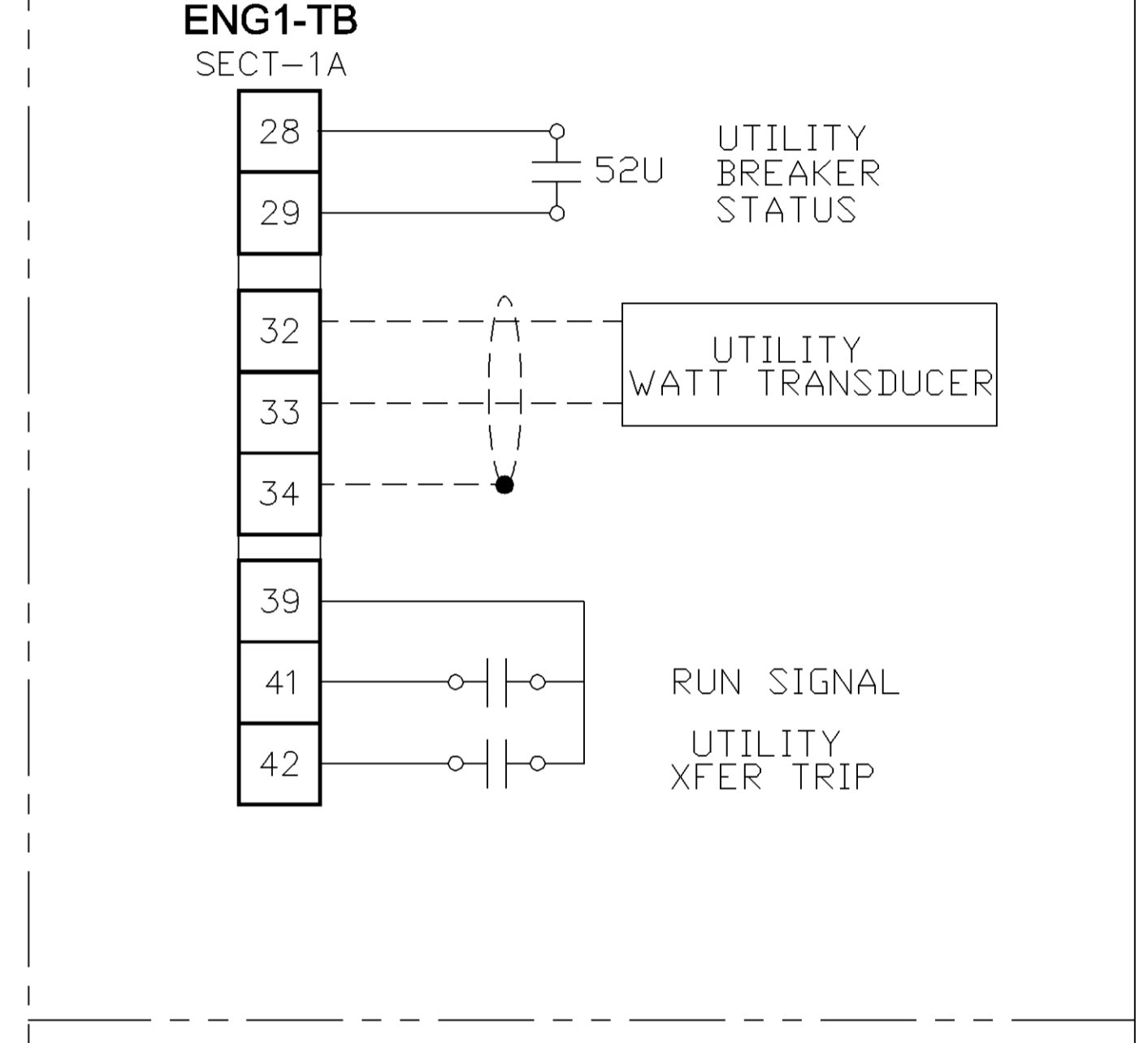
CONTAINED WITHIN GENERATOR HOUSING



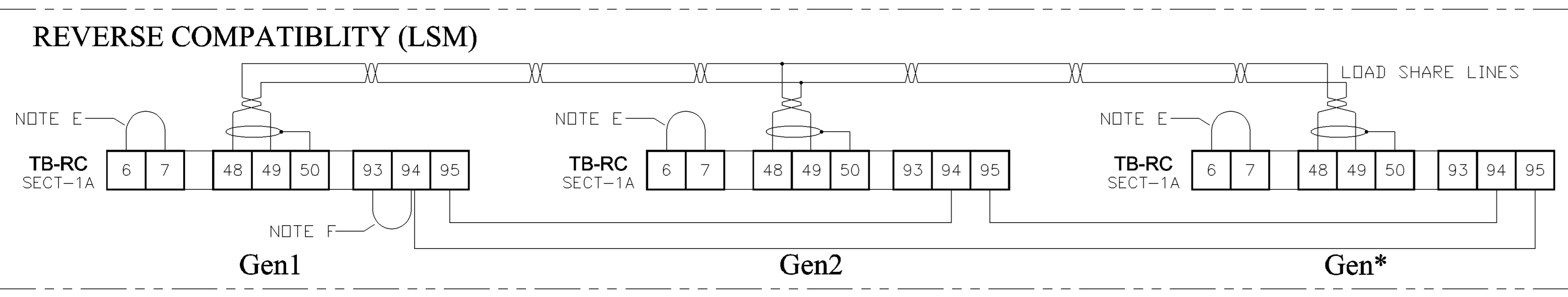
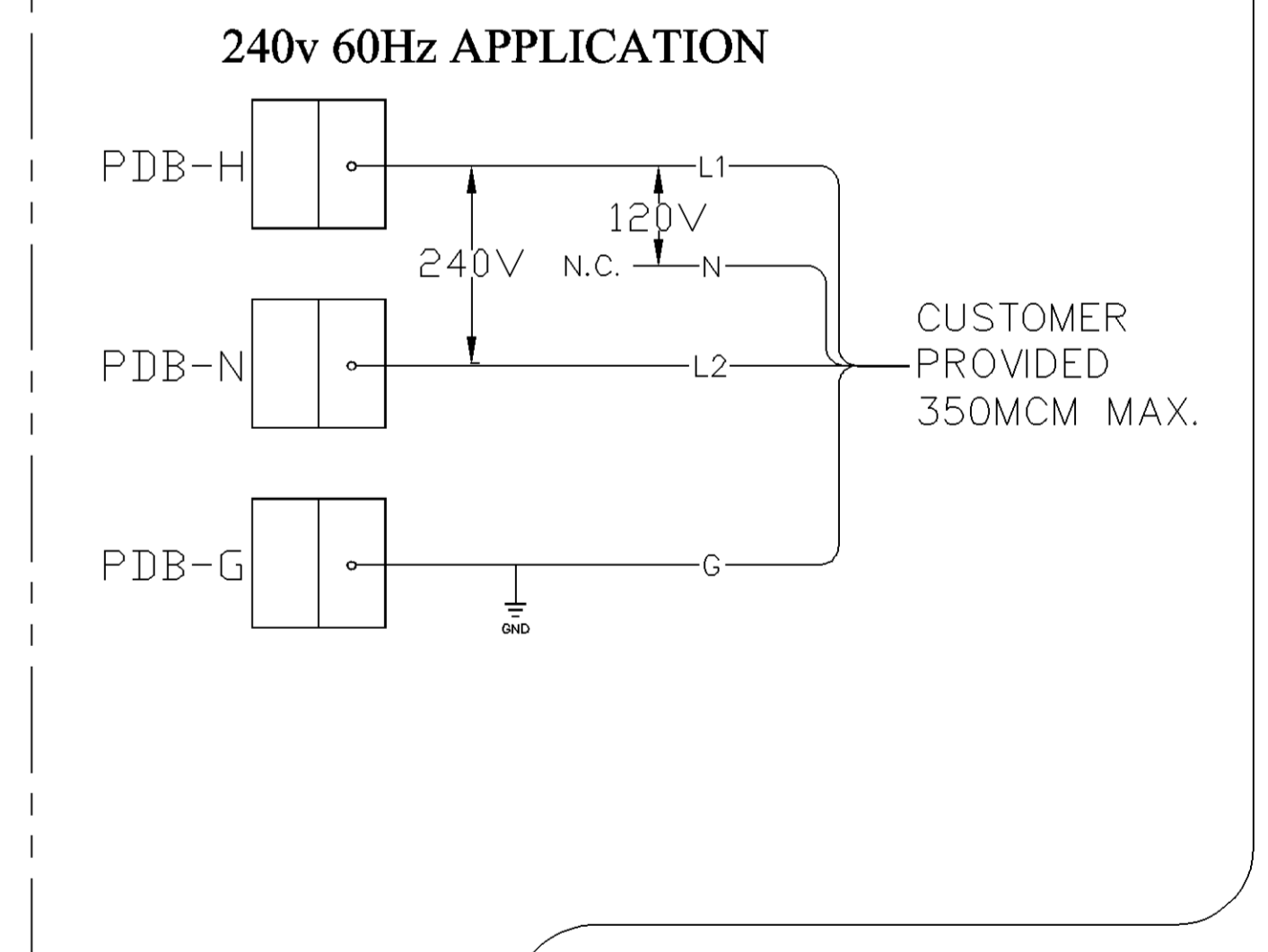
CONTAINED WITHIN SWITCHGEAR



OPT CUSTOMER CONNECTIONS



SHORE POWER CONNECTION



NOTE A: FOR 3508B 1600A SWITCHGEAR SCHEMATIC SEE:  
 NOTE B: FOR 3512B 3000A SWITCHGEAR SCHEMATIC SEE:  
 NOTE C: FOR GENERATOR TERMINAL STRIP DIAGRAM SEE:  
 NOTE D: FOR EMCP 3.3 SCHEMATIC SEE:  
 NOTE E: JUMPER 6 TO 7 ON TB-RC TO ENABLE REVERSE COMPATIBILITY.  
 IN RC MODE, A14 AWG WIRE SHOULD BE CONNECTED TO BATT- OF EACH UNIT TO ENSURE A COMMON REFERENCE.  
 NOTE F: PRIMARY UNIT ONLY SHOULD JUMPER 93 TO 94 ON TB-RC.

UNLESS OTHERWISE SPECIFIED: ALL UNSHIELDED INTERCONNECT WIRE TO BE 14 AWG MINIMUM. ALL SHIELDED INTERCONNECT WIRE TO BE 18 AWG MINIMUM.

REV	DATE	BY	CHKD	APPD	REASON
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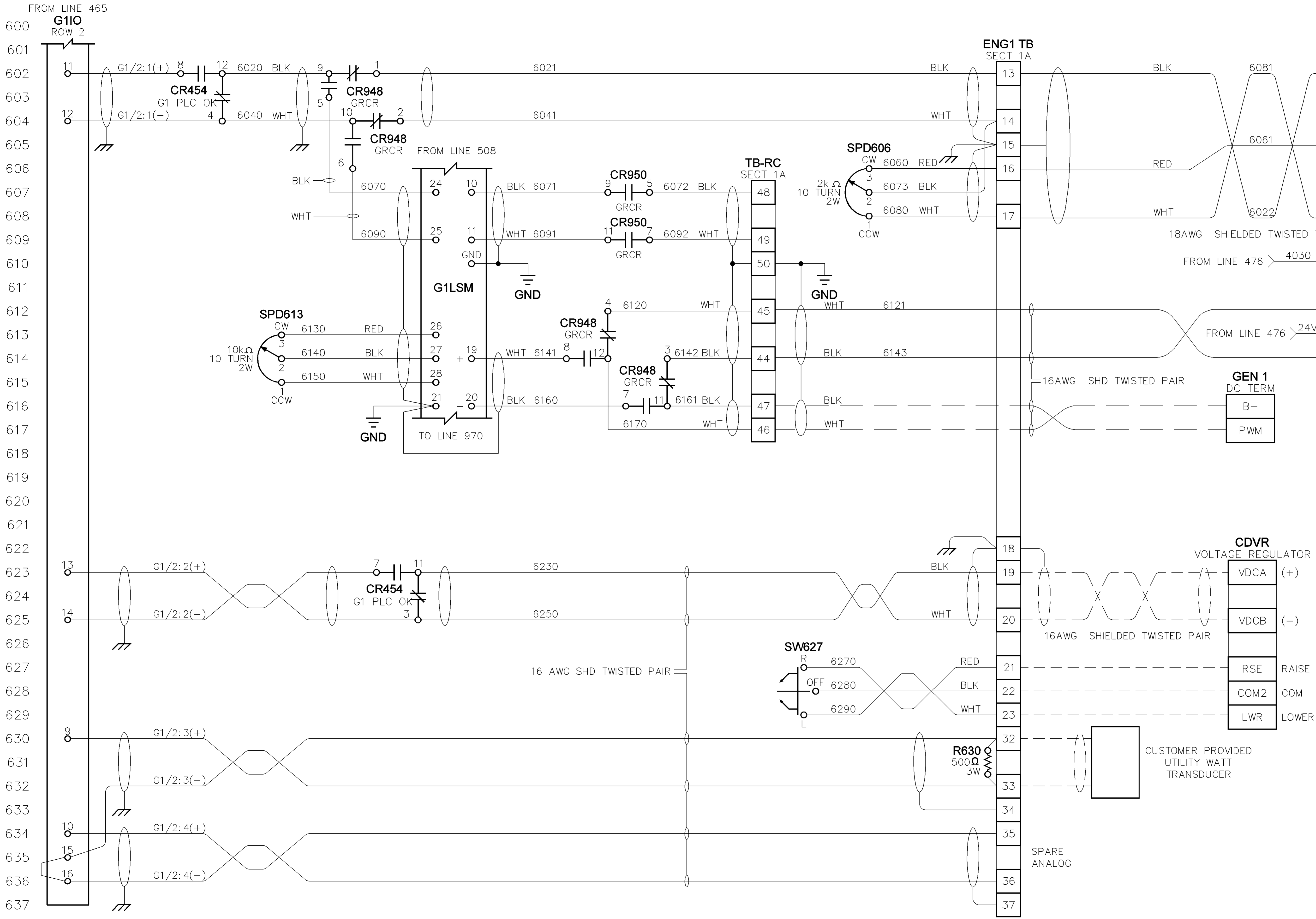












REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	17APR07	EE HUTCHINSON	DA SHIPMAN	RA TYLER	APPD SUPP
2	17NOV06				CONFIDENTIALITY
3					DRAWING-AUTOCAD
4					INTPR & TOL

DATE	REV	DESCRIPTION
17APR07	01	APPD SUPP
17NOV06	00	CONFIDENTIALITY
		DRAWING-AUTOCAD
		INTPR & TOL

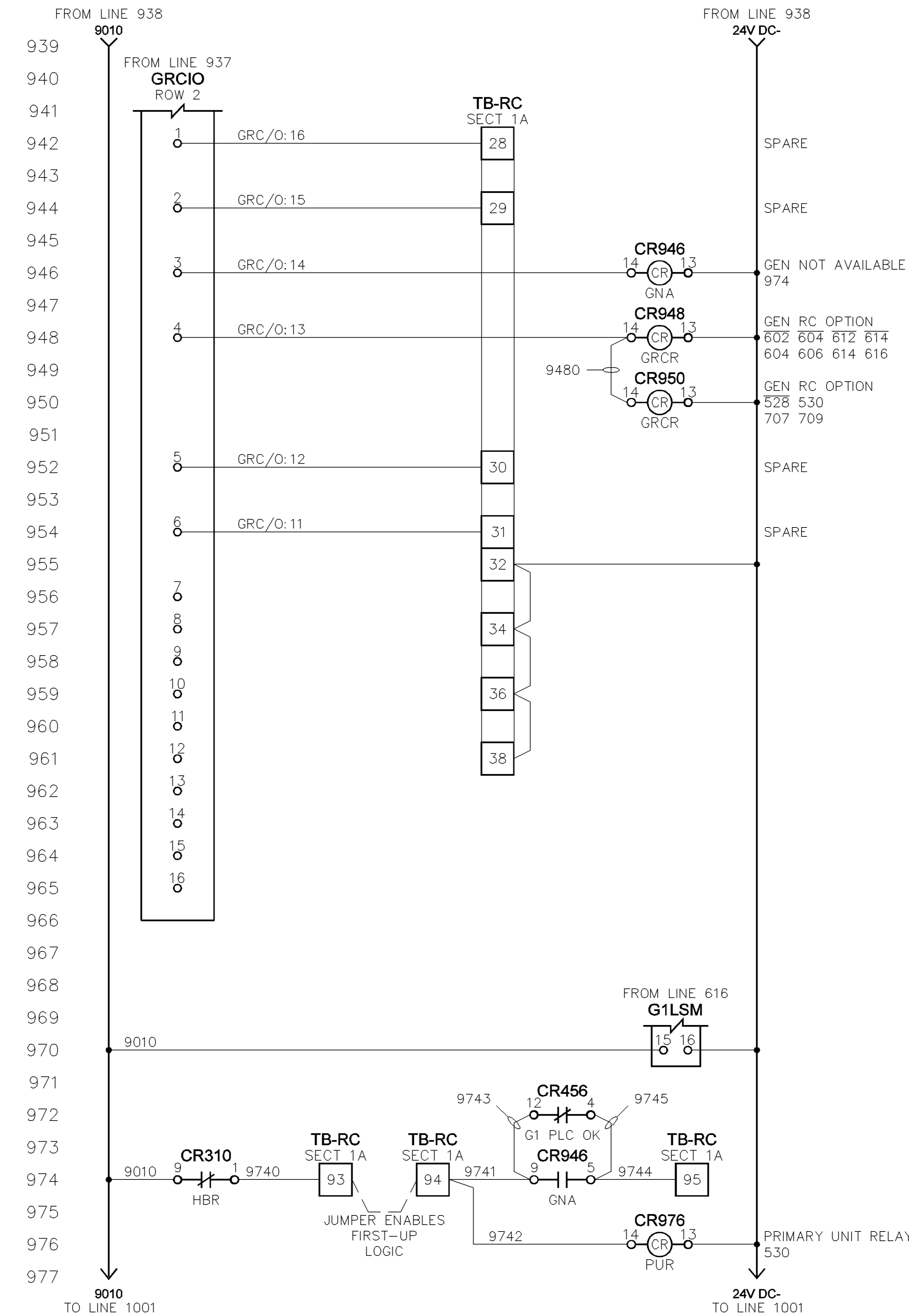
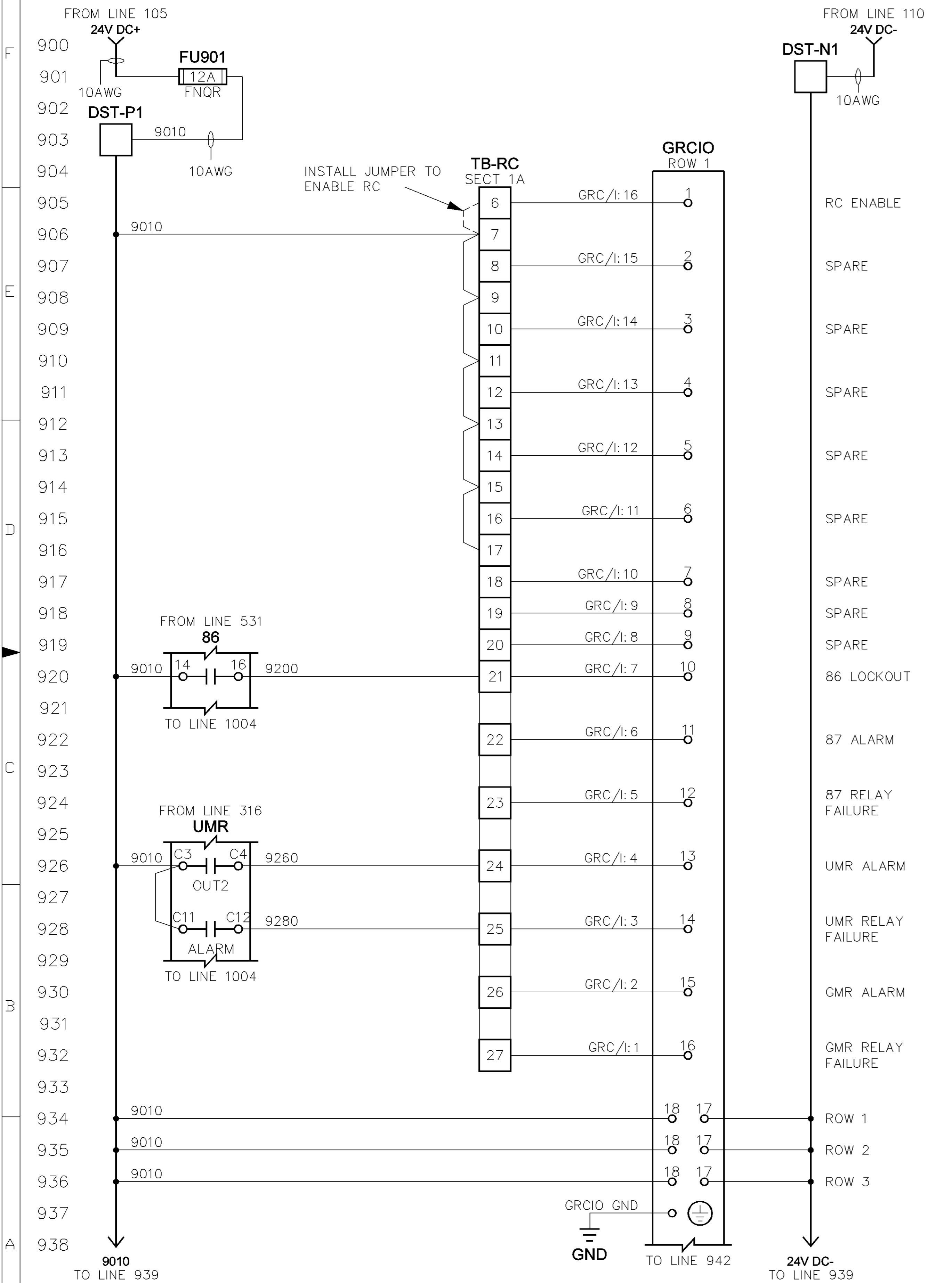
  

SCALE	1 = 1	DATE	17APR07
DIMENSIONS	IN MM	DATE	17NOV06
DIMENSIONS	W/D TOL ARE BASIC	DATE	
SHEET	8 OF 12	THIRD ANGLE PROJECTION	CHG
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DIAGRAM-WIRING (PWR MOD SWGR SCHEMATIC)			
300-7358	VER	CONTROL	DATE
	-	DES	W860
		SUB	

FOR NOTES SEE SHEET 1  
CATERPILLAR: CONFIDENTIAL YELLOW

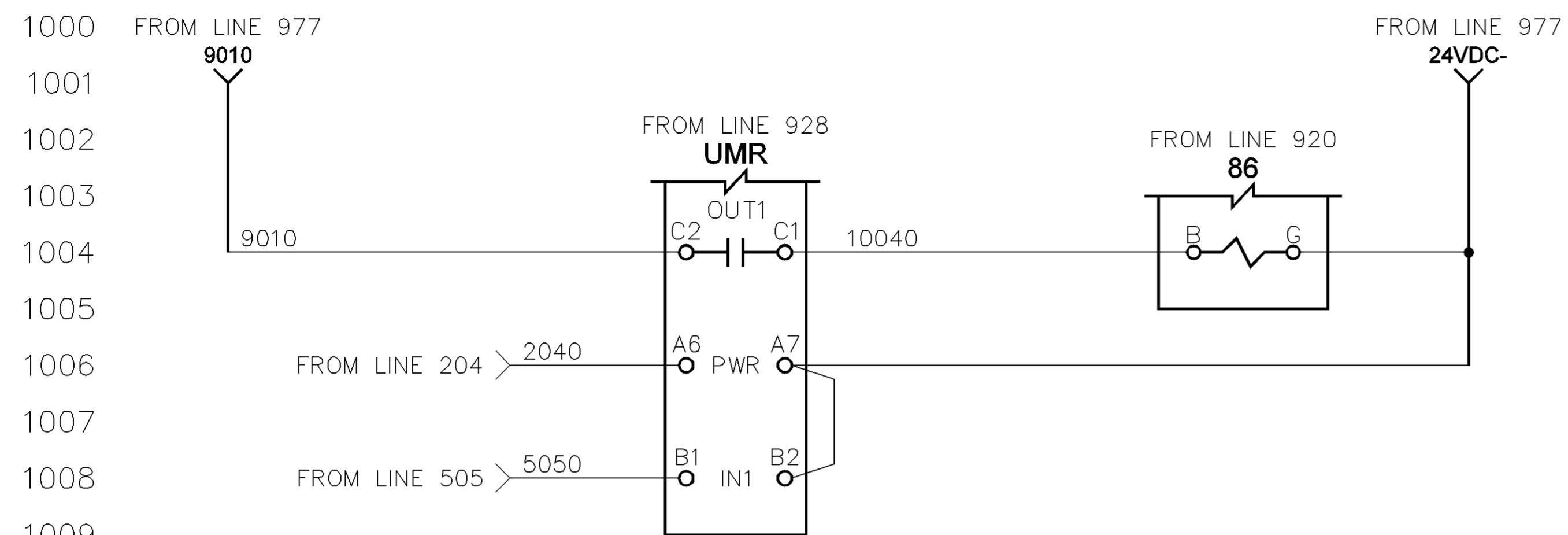






FOR NOTES SEE SHEET 1  
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APPD	SUPP
1E2840	SUPP REPRINT
1E0013Y	CONFIDENTIALITY
1E2733	DRAWING-AUTOCAD
1E0011	INTPR & TOL
DRN	EE HUTCHINSON
CHK	DA SHIPMAN
APPD	RA TYLER
CON-CEPT	EXP
PRE-PROD	PRD
CUSTOM PROD IX	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm DIMENSIONS W/D TOL ARE BASIC	
SCALE	1 = 1
DATE	01 17APR07
SHEET	11 OF 12
THIRD ANGLE PROJECTION	
CHG DATE	
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DIAGRAM-WIRING (PWR MOD SWGR SCHEMATIC)	
300-7358	VER CONTROL
-	DES SUB W860



### PROTECTIVE RELAY

**MODBUS PLUS NODE ASSIGNMENTS**

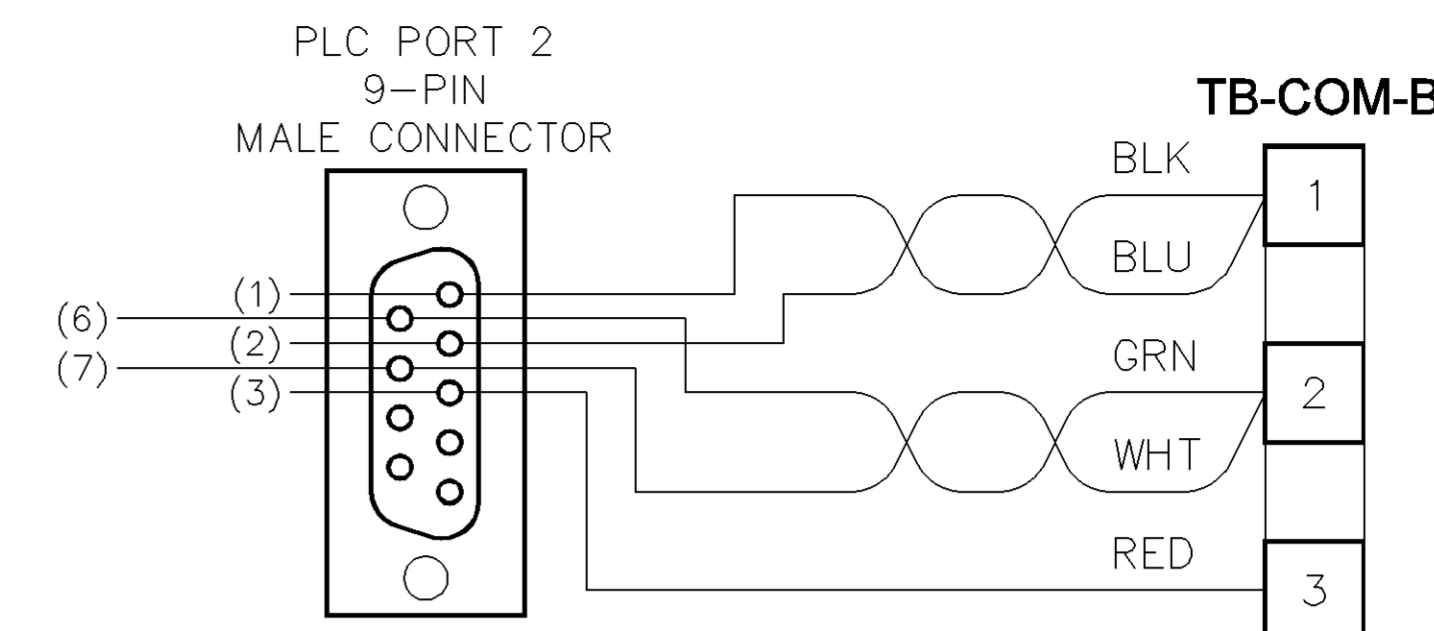
**STAND-ALONE DEFAULT SETTINGS**

DEVICE	NODE
G110	1
GRC10	2
TS201	51
PRG	64

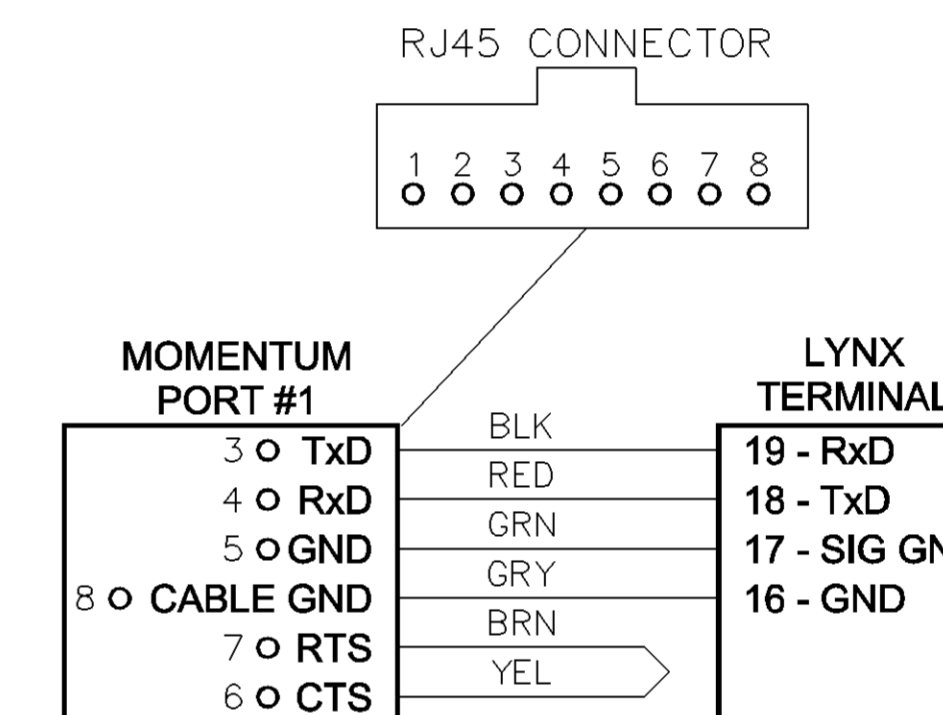
**MODBUS PLUS NODE ASSIGNMENTS**

**MULTI-UNIT OPERATION**

UNIT	G110 NODE	HMI NODE	GRC NODE
1	1	51	2
2	3	52	4
3	5	53	6
4	7	54	8
5	9	55	10
6	11	56	12
7	13	57	14
8	15	58	16
9	17	59	18
10	19	60	20

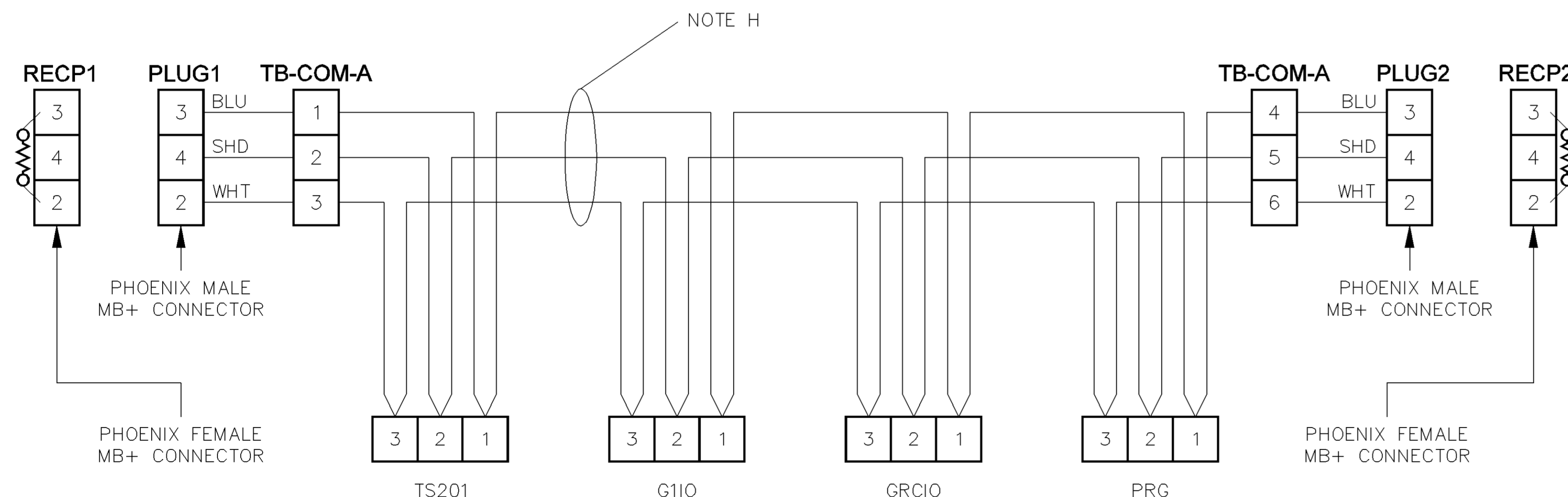


DETAIL B



PLC RJ45 TO LYNX TB

DETAIL C



DETAIL A

APPD	SUPP	
DRN	EE HUTCHINSON	
CHK	DA SHIPMAN	
APPD	RA TYLER	
CON-CEPT	EXP	PRE-PROD
CUSTOM PROD IX		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN mm DIMENSIONS W/O TOL ARE BASIC		
SCALE 1 = 1	01 17APR07	
0 10mm 20 30	00 17NOV06	
SHEET 12 OF 12	THIRD ANGLE PROJECTION	CHG DATE
<b>CATERPILLAR INC.</b>		
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DIAGRAM-WIRING (PWR MOD SWGR SCHEMATIC)		
300-7358	VER	CONTROL
	DES	W860
	SUB	

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