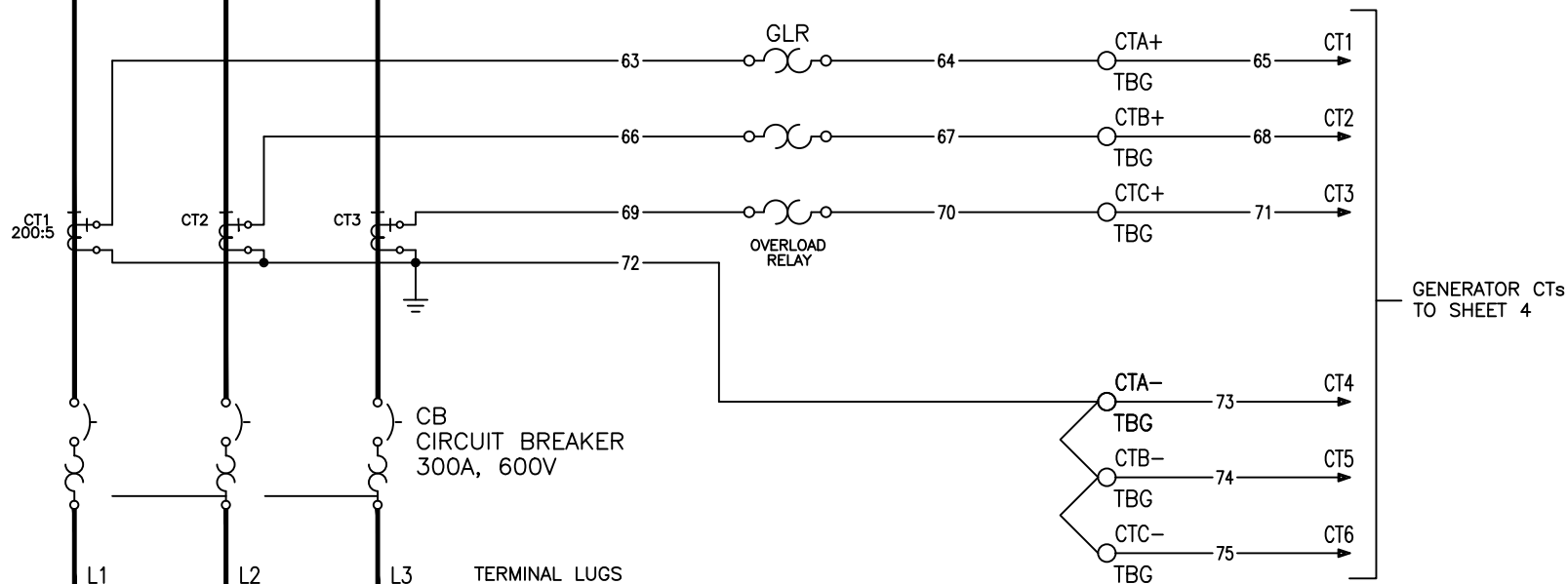
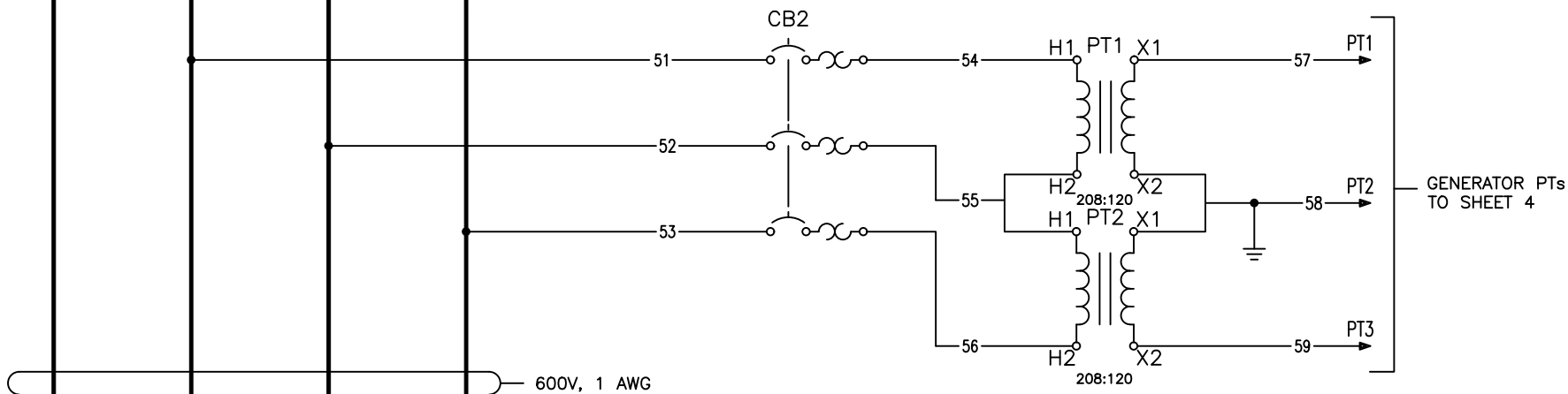
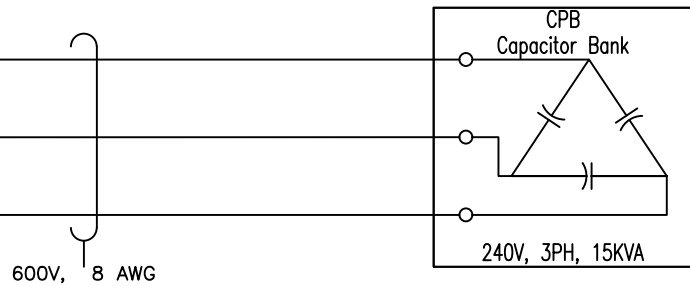
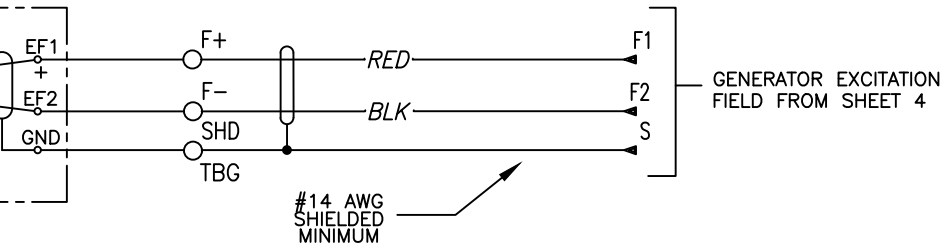
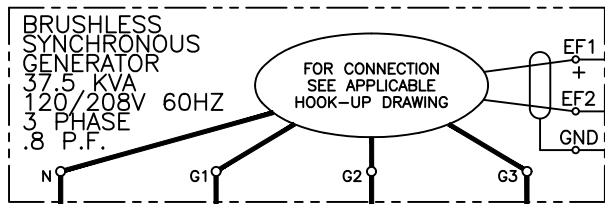


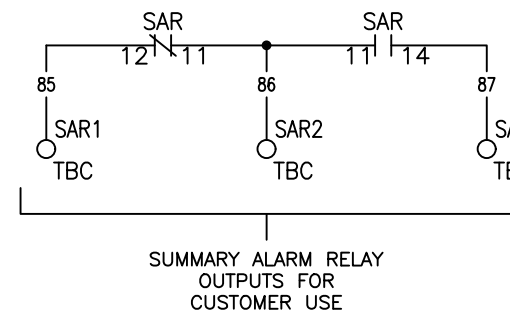
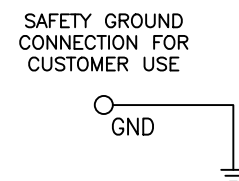
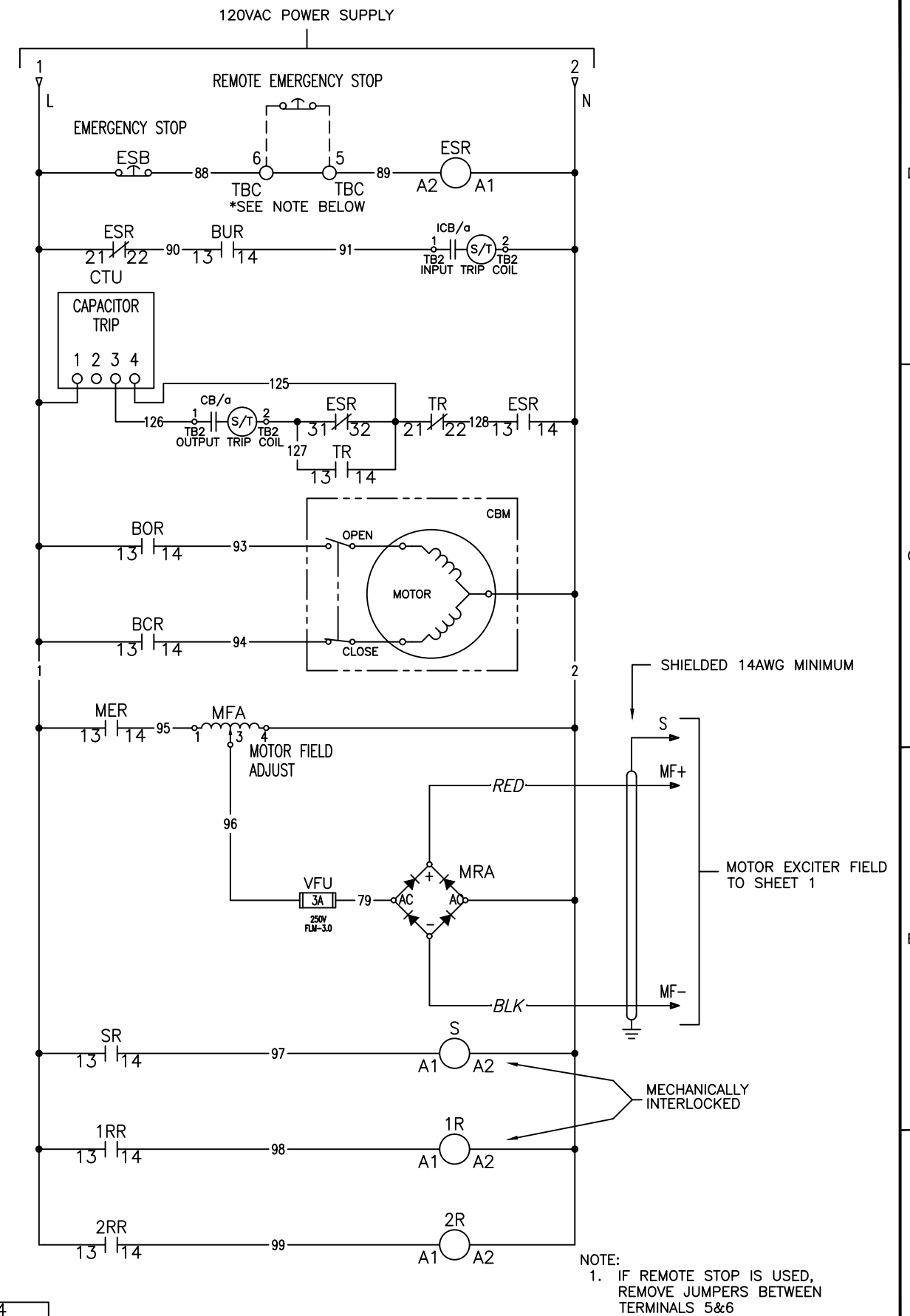
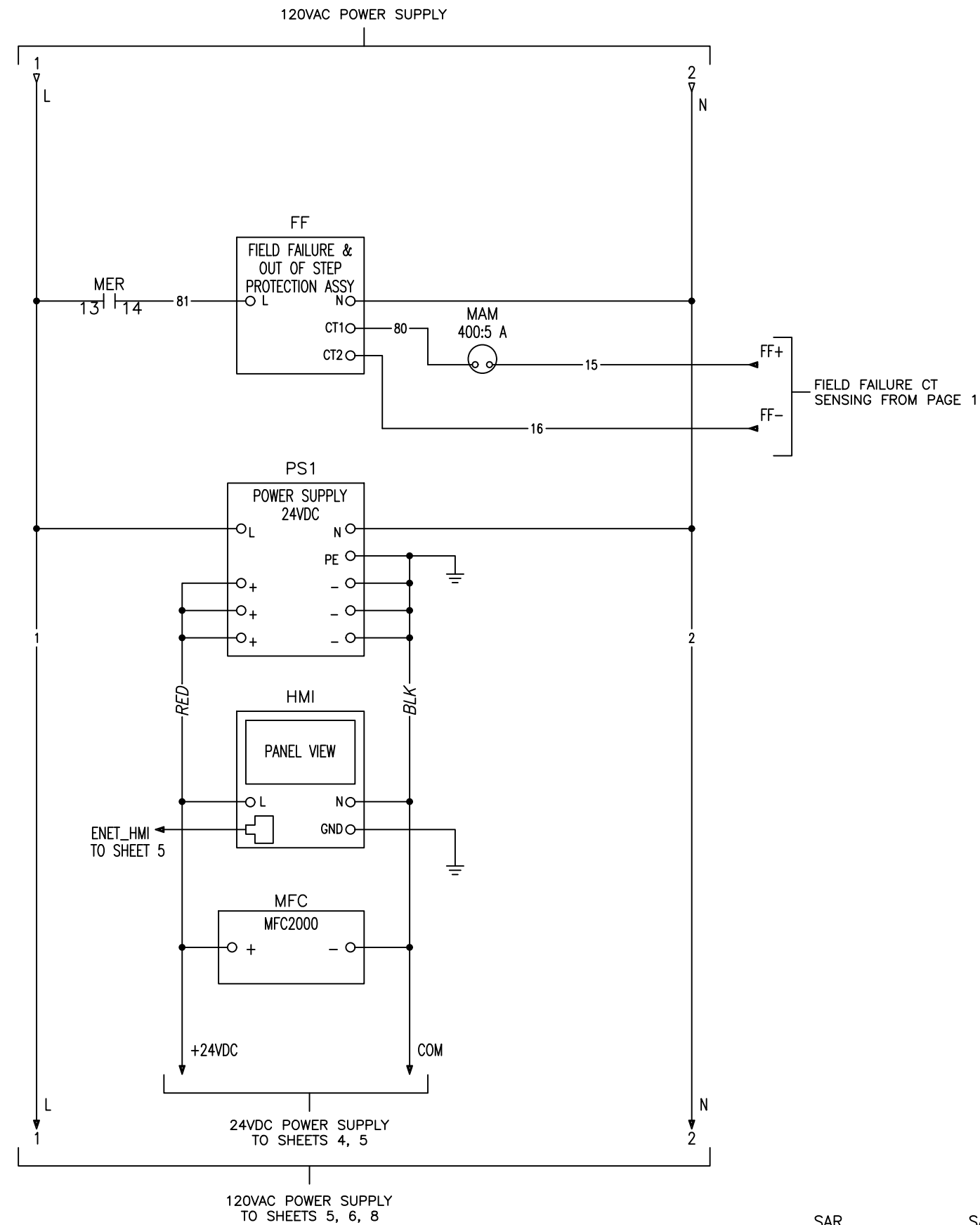
104722	SEE ECO FOR CHANGE DETAILS	ZHG	12/18/18
THE INFORMATION HEREON IS THE PROPERTY OF KATO ENGINEERING. WITHOUT WRITTEN PERMISSION, ANY COPYING, TRANSMITTAL TO OTHERS, AND ANY USE EXCEPT THAT FOR WHICH IT IS LOANED IS PROHIBITED.		REV	C
		ZHG	7/23/18 47796
MAT'L			
TITLE			
MOTOR AND CONTROLS			

<b>Kato Engineering</b>	
2075 Howard Drive West North Mankato, MN 56003	
DRAWING NUMBER	SH 1 OF 7
653-47000-17	



120/208VAC, 60HZ OUTPUT POWER

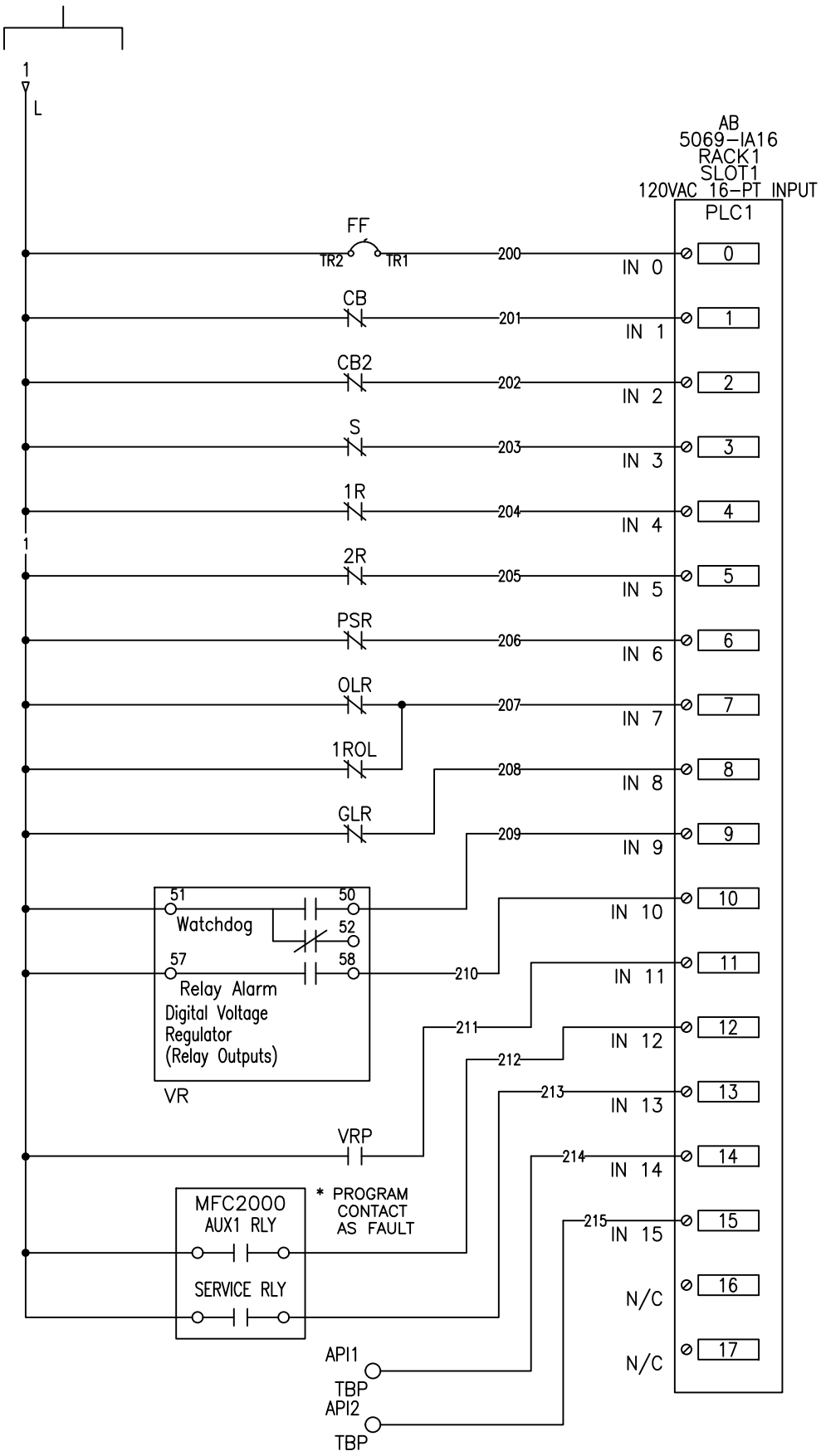
104722	SEE ECO FOR CHANGE DETAILS			ZHG	12/18/18	<b>Kato Engineering</b>  2075 Howard Drive West North Mankato, MN 56003
THE INFORMATION HEREON IS THE PROPERTY OF KATO ENGINEERING. WITHOUT WRITTEN PERMISSION, ANY COPYING, TRANSMITTAL TO OTHERS, AND ANY USE EXCEPT THAT FOR WHICH IT IS LOANED IS PROHIBITED.					REV C	
		ZHG	7/23/18	47796		
		MAT'L				
		TITLE			DRAWING NUMBER	
		GENERATOR AND CONTROLS			SH 2 OF 7	
					653-47000-17	



104722		SEE ECO FOR CHANGE DETAILS		ZHG	12/18/18	<div>Kato Engineering</div> <div>2075 Howard Drive West North Mankato, MN 56003</div>			
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		ZHG		7/23/18	47796				
		MAT'L							
		TITLE		MAIN CONTROL PANEL		DRAWING NUMBER	SH 3	OF 7	
							653-47000-17		

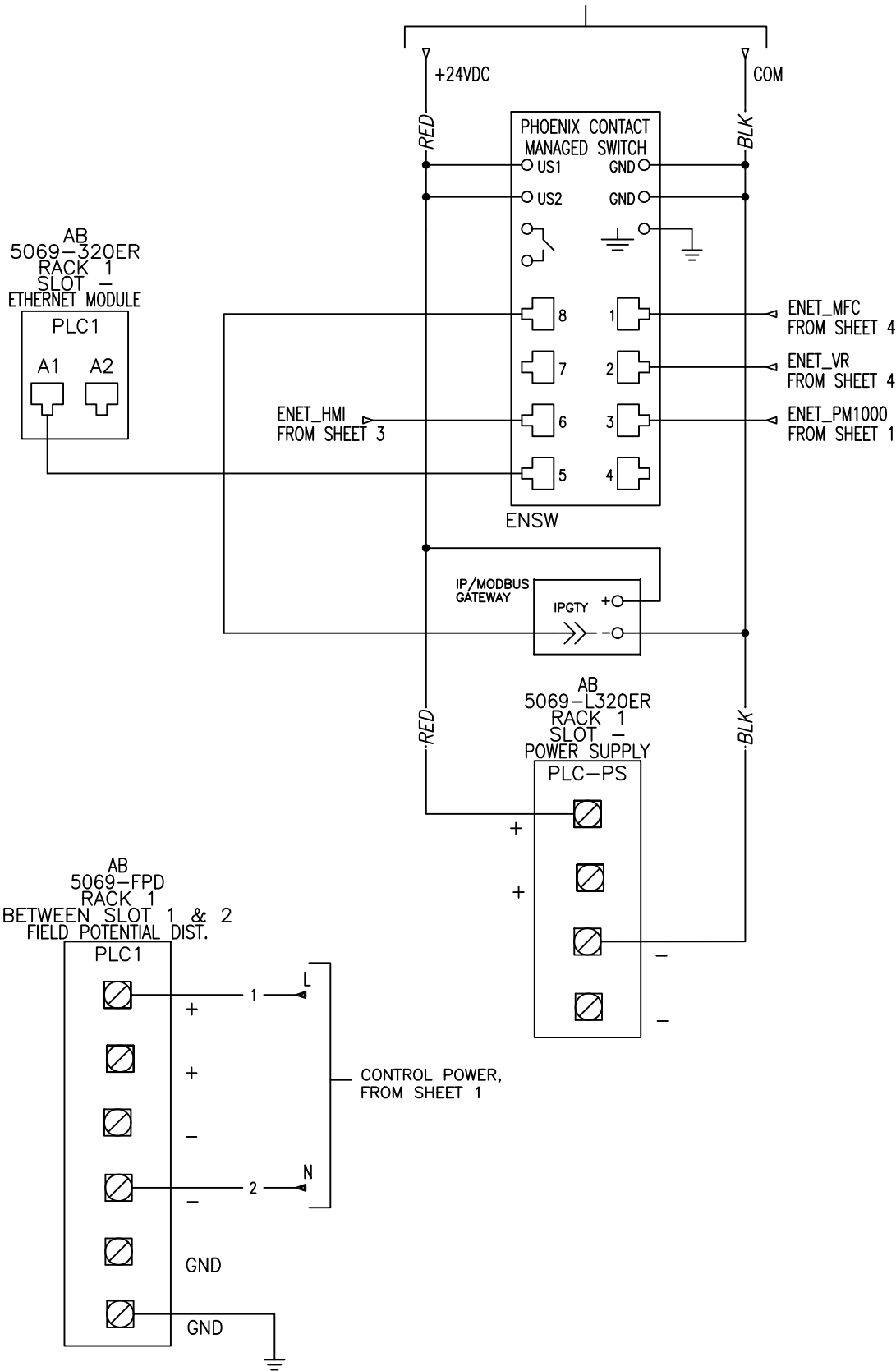


120VAC POWER SUPPLY  
FROM SHEET 3



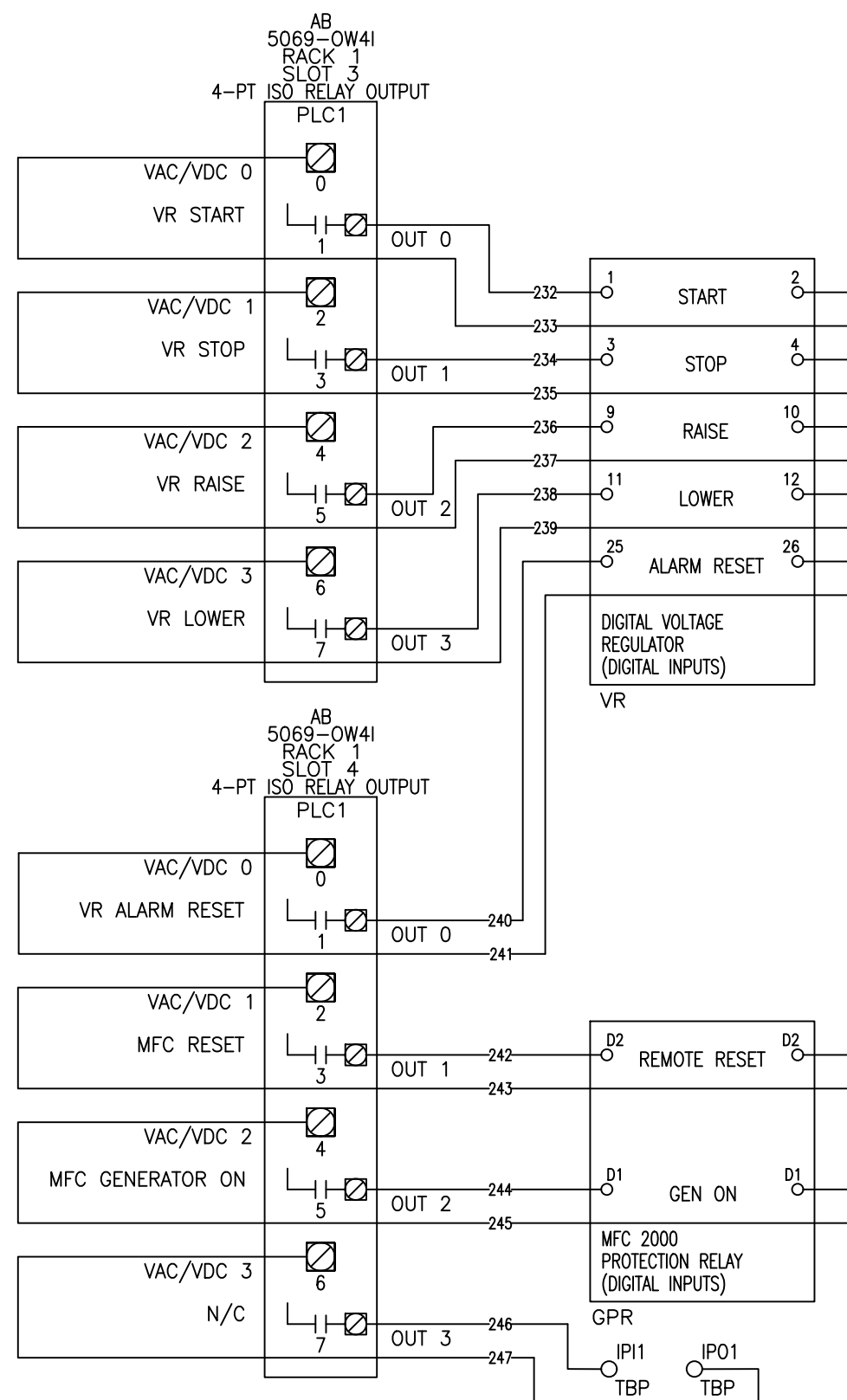
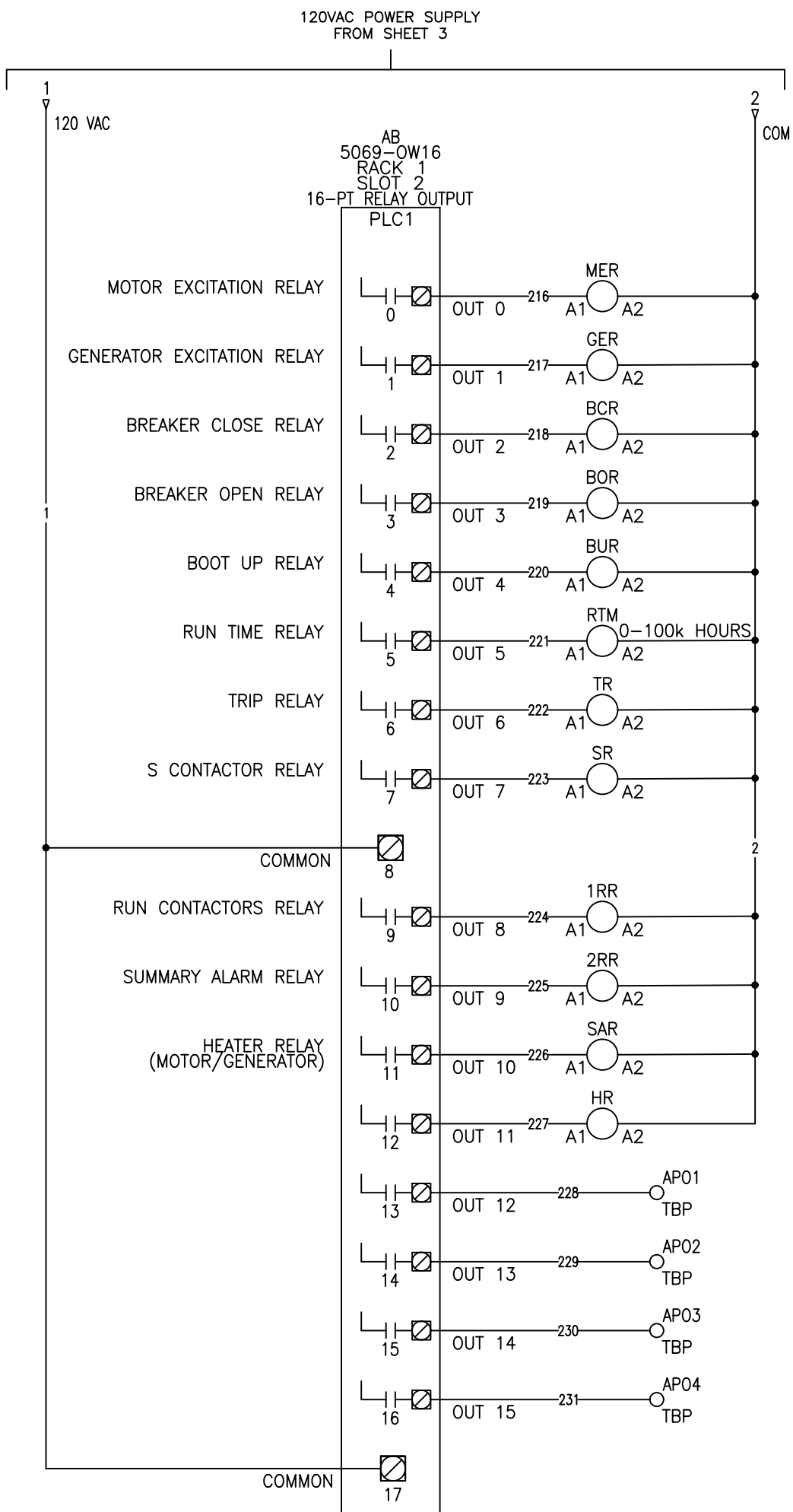
- FIELD FAILURE
- C/B CONTACT (OUTPUT BREAKER)
- CB/2 CONTACT (VOLTAGE SENSE PT)
- START CONTACTOR
- RUN CONTACTOR 1
- RUN CONTACTOR 2
- PHASE SENSING RELAY
- MOTOR OVERLOAD RELAY
- GENERATOR OVERLOAD RELAY
- DECS WATCHDOG
- DECS RELAY ALARM
- VOLTAGE REG. POWER SENSE
- MFC FAULT RELAY
- MFC SERVICE RELAY
- N/C
- N/C

24VDC POWER SUPPLY  
FROM SHEET 3



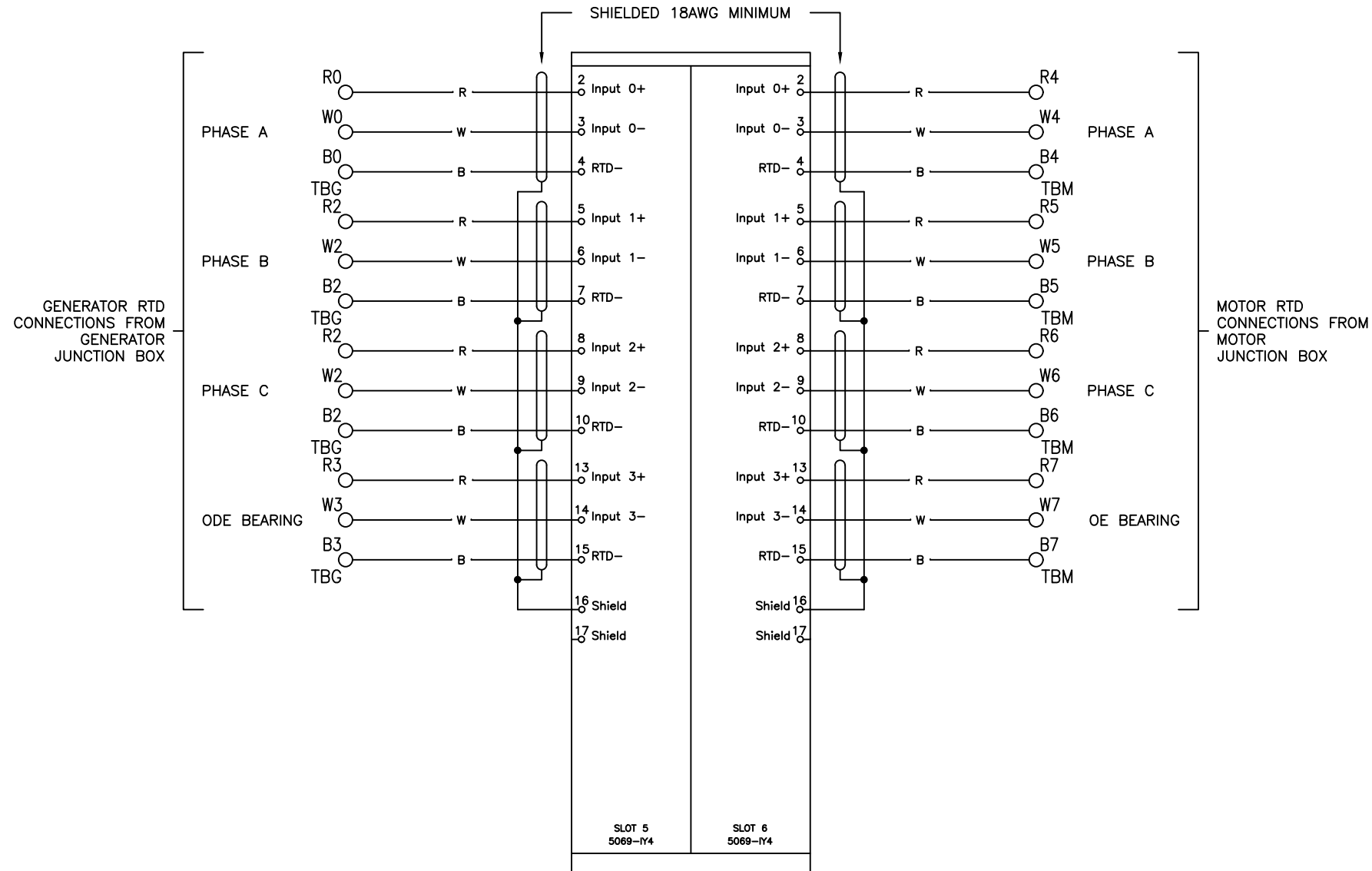
Note: Each connection between relay and terminal should be made with 18 AWG.  
Terminals on Slot X are made to accept only one wire.

104722		SEE ECO FOR CHANGE DETAILS		ZHG	12/18/18	<div><b>Kato Engineering</b></div> <div>2075 Howard Drive West North Mankato, MN 56003</div> <div>DRAWING NUMBER SH 5 OF 7</div> <div>653-47000-17</div>
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		ZHG		7/23/18	47796	
		MAT'L				
		TITLE MAIN CONTROL PANEL PLC CONTROLS				



Note: Each connection between relay and terminal should be made with 18 AWG.  
Terminals on Slot X are made to accept only one wire.

104722	SEE ECO FOR CHANGE DETAILS	ZHG	12/18/18	<b>Kato Engineering</b>	
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		ZHG	7/23/18	47796	DRAWING NUMBER SH 6 OF 7
		TITLE MAIN CONTROL PANEL PLC CONTROLS			653-47000-17



104722		SEE ECO FOR CHANGE DETAILS		ZHG	12/18/18	<b>Kato Engineering</b>  2075 Howard Drive West North Mankato, MN 56003
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		ZHG	7/23/18	47796		
		MAT'L				
		TITLE			DRAWING NUMBER	
		MAIN CONTROL PANEL AND RTD CONTROLS			SH 7 OF 7	
						653-47000-17