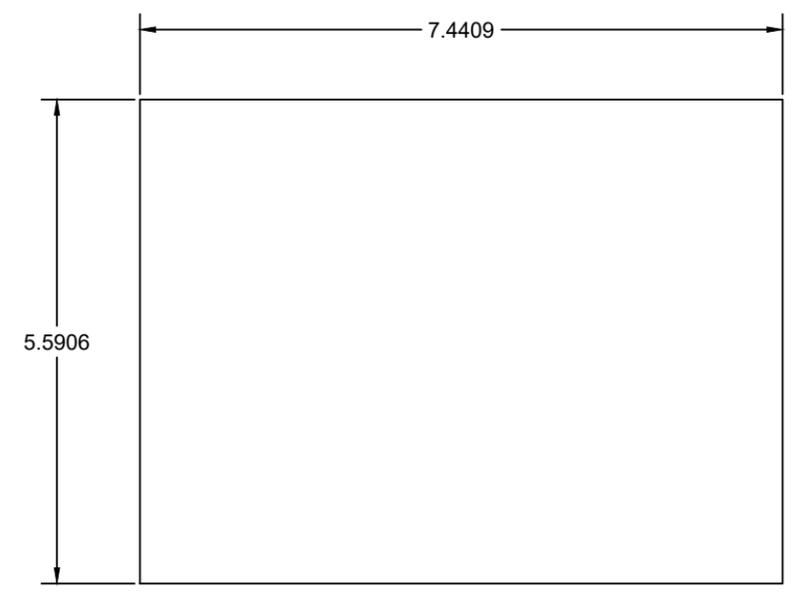


OR DENOTES TERMINAL BLOCK



COMMS FROM  
MBC203  
(RS-485)

ETHERNET  
COMMS TO  
SWITCH

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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 5.7" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13711.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	1	4

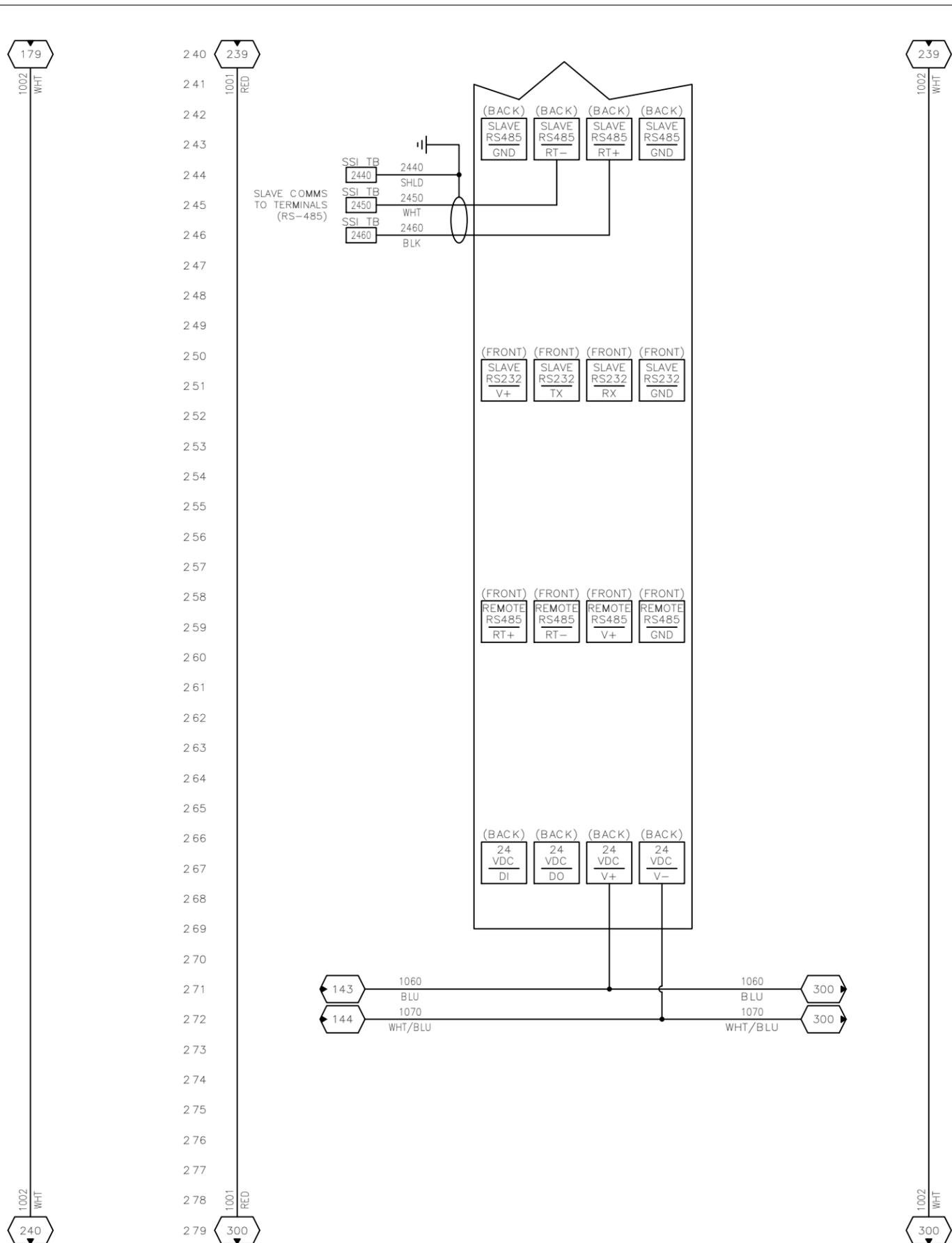
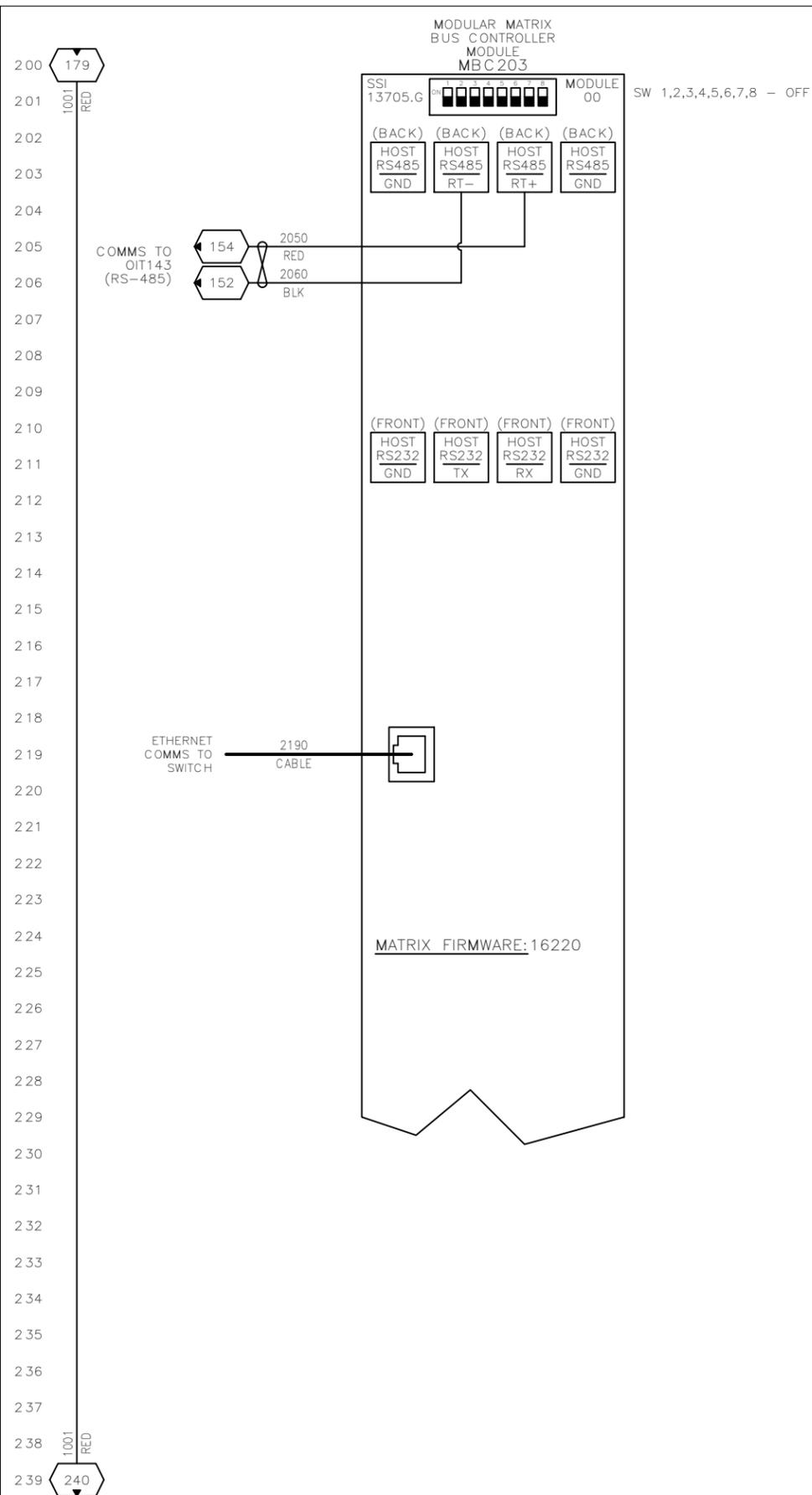
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
±1/64"	X. X=±0.100	±0.5°
	X. XX=±0.010	
	X. XXX=±0.001	

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CADDWG FILE



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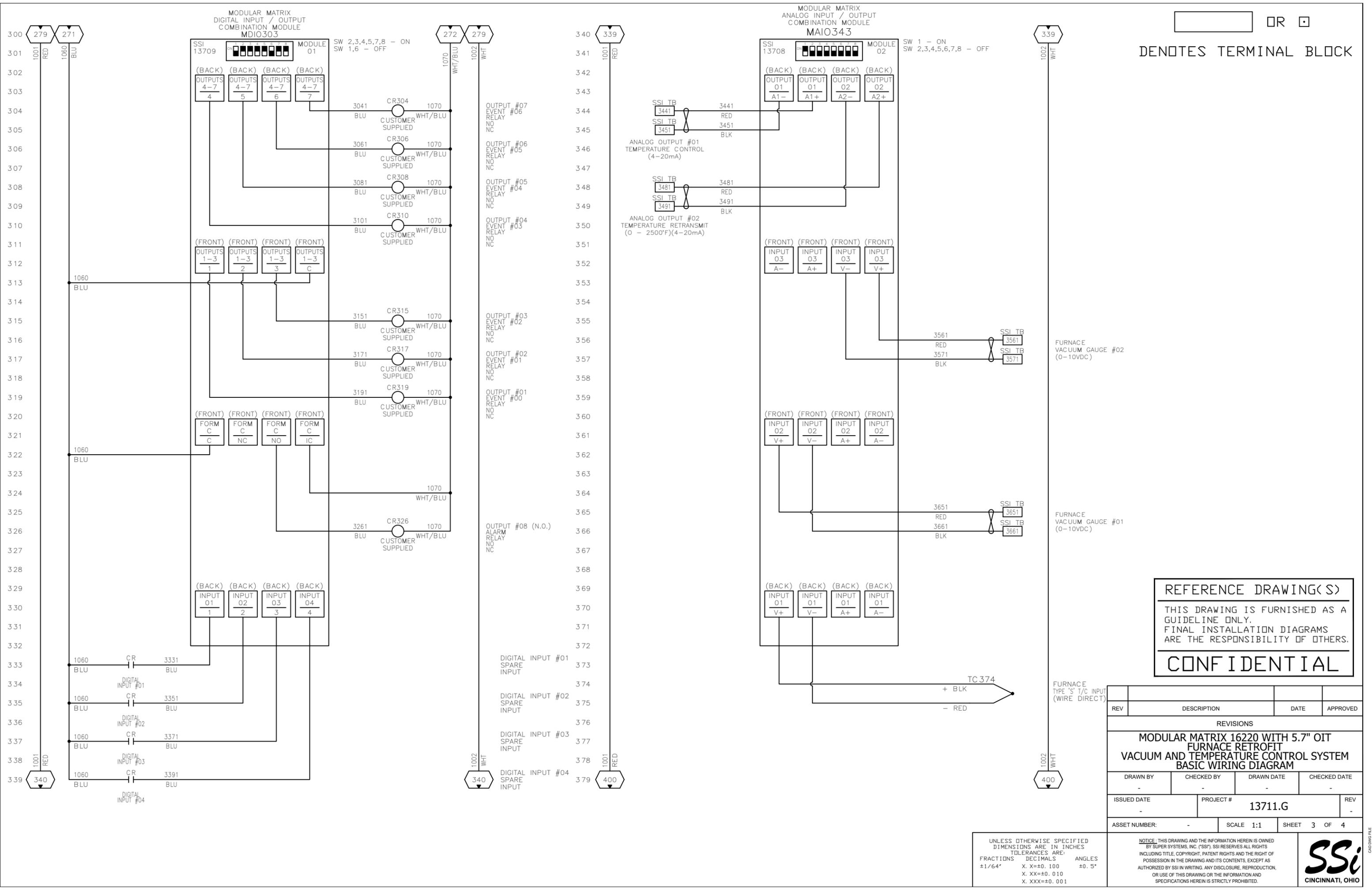
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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 5.7" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13711.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	2	4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 FRACTIONS DECIMALS ANGLES  
 ±1/64" X.X=±0.100 ±0.5°  
 X.XX=±0.010  
 X.XXX=±0.001

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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 5.7" OIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13711.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	3	4

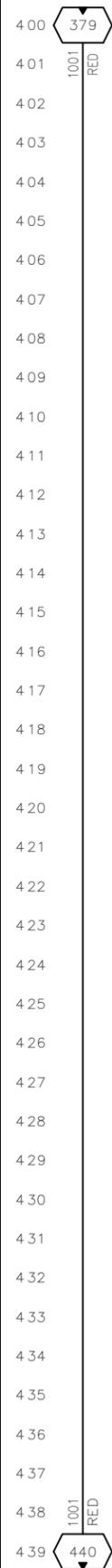
UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 FRACTIONS DECIMALS ANGLES  
 ±1/64" X .X±0.100 ±0.5°  
 X.XX±0.010  
 X.XXX±0.001

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OR

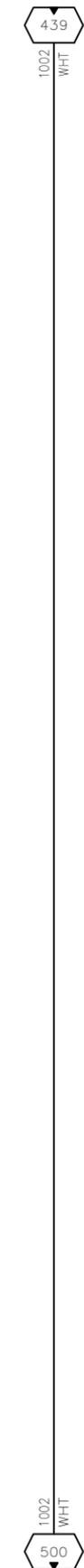
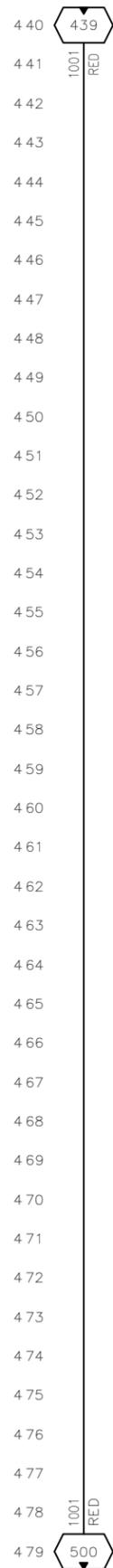
DENOTES TERMINAL BLOCK



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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 5.7" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13711.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	4	4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
±1/64"	X. X=±0. 100	±0. 5°
	X. XX=±0. 010	
	X. XXX=±0. 001	

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Installation: SHIP LOOSE      Location: ENCLOSURE						
ITEM	MFG	DESCRIPTION	CATALOG	QTY	TAGS	NOTES
1	SSI	CIRCUIT BREAKER, 1 POLE, 2AMP, UL1077,D-CURVE, MIDWEST GROUP	33097	1	CB100	
2	SSI	POWER SUPPLY,24 VOLTS DC,75 WATT	31135	1	PWS103	
3	SSI	MOV,SURGE SUPPRESSOR,200VAC,20 JOULES (DIGIKEY #P7229-ND)	32153	1		
4	SSI	MOV,SURGE SUPPRESSOR,33VDC	32155	1		
5	SSI	MATRIX, MODULAR, MAIN COMMUNICATIONS MODULE, VACUUM	13705.G	1	MBC203	
6	SSI	MATRIX, MODULAR, COMBINATION DIGITAL INPUT / OUTPUT MODULE	13709	1	MDIO303	
7	SSI	MATRIX, MODULAR, COMBINATION ANALOG INPUT / OUTPUT MODULE	13708	1	MAIO343	
8	SSI	OPERATOR INTERFACE,ADVANTECH,5.7" COLOR, TOUCH SCREEN	31297	1	OIT143	
9	SSI	FLASH MEMORY CARD, SD TYPE, 2GB	31604	1		
10	SSI	CABLE, COMMUNICATION, RS-485	A20576	1	CBL153	
11	SSI	STYLUS WITH SSI LOGO	31295	1	STYLUS1143	
12	SSI	USB MEMORY STICK WITH SSI LOGO, 512MB	31673	1	USB1145	

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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 5.7" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BILL OF MATERIALS</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13711.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1.5	1	1

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 FRACTIONS    DECIMALS    ANGLES  
 ±1/64"    X. X=±0.100    ±0.5°  
           X. XX=±0.010  
           X. XXX=±0.001

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