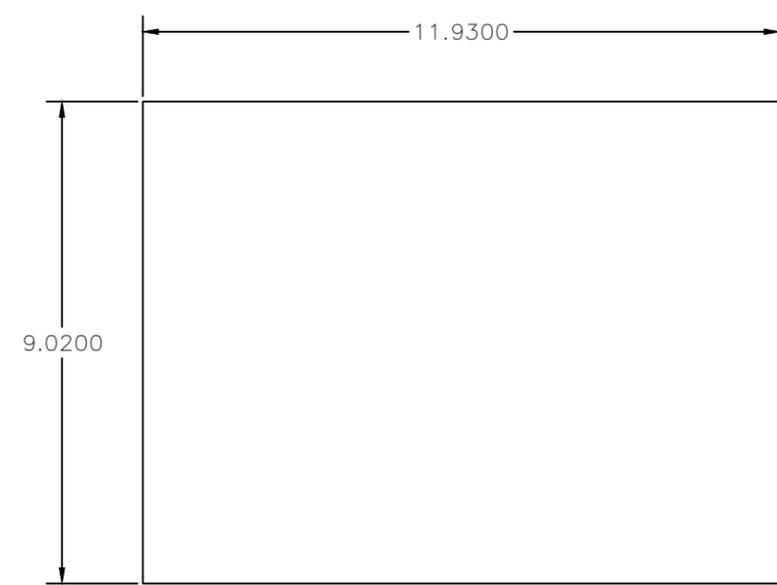


OR DENOTES TERMINAL BLOCK



12.1" OIT CUTOUT DETAIL

COMMS FROM  
MBC203  
(RS-485)

ETHERNET  
COMMS TO  
SWITCH

REFERENCE DRAWING(S)

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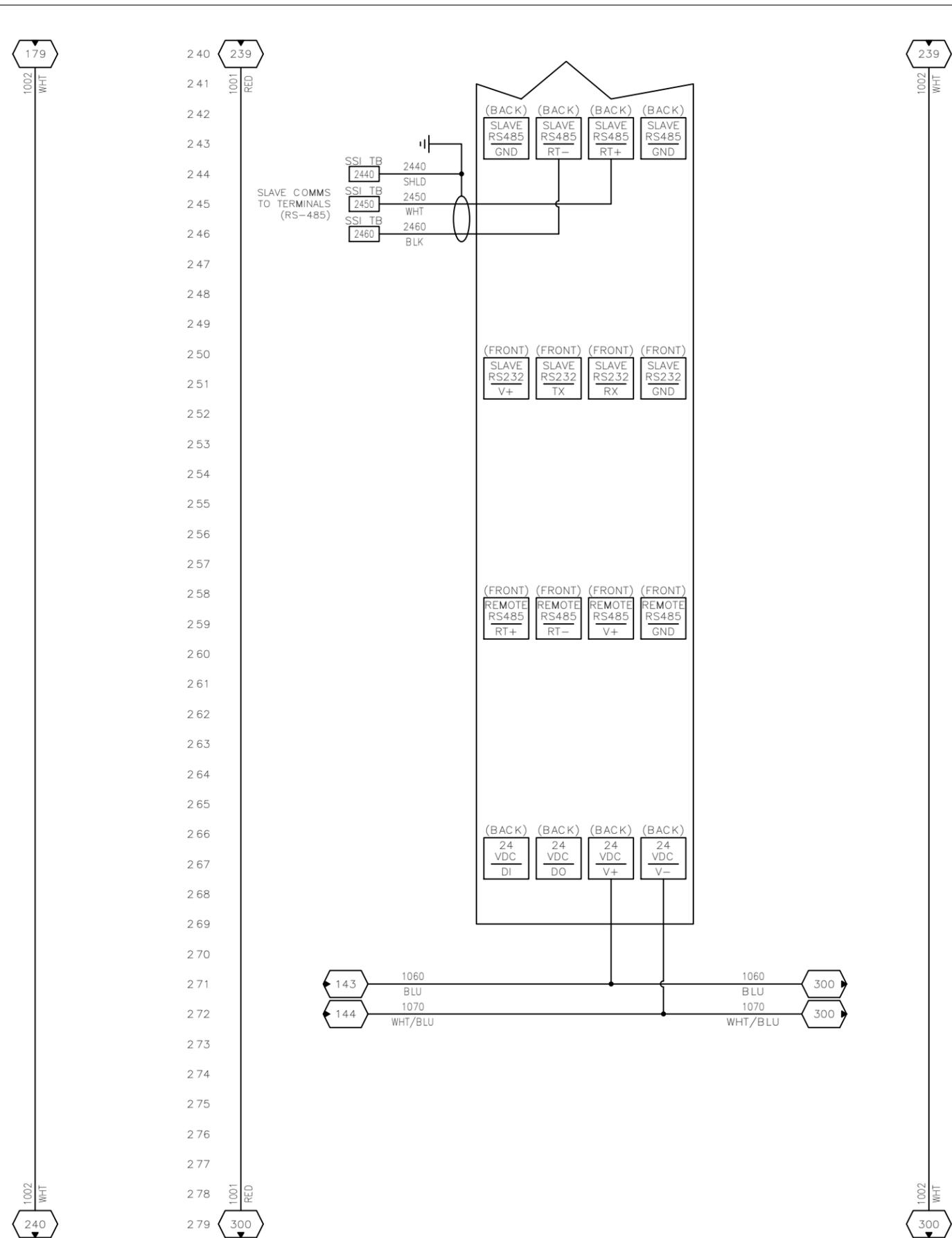
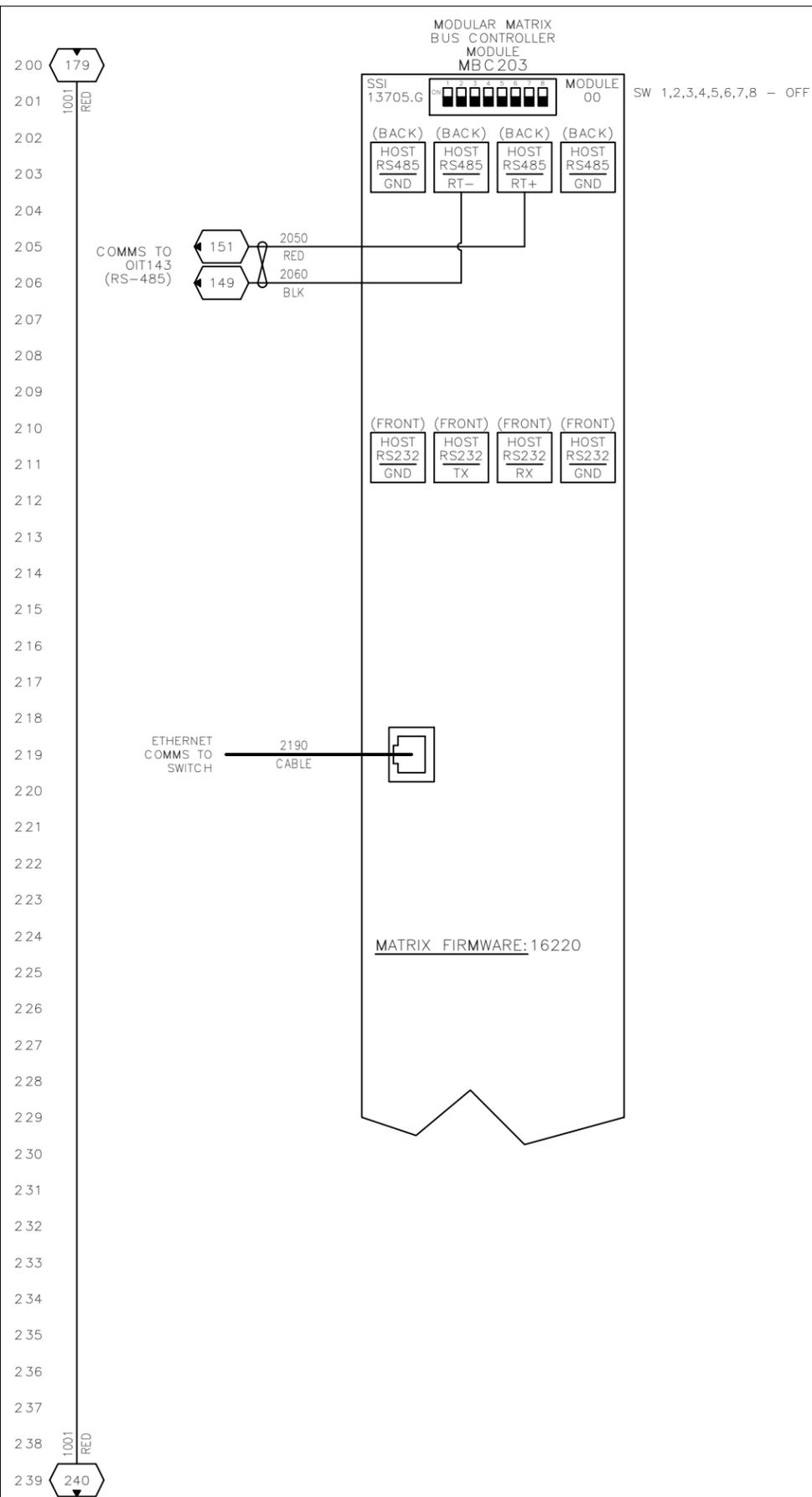
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 12.1" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13712.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	1	4

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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OR □ DENOTES TERMINAL BLOCK

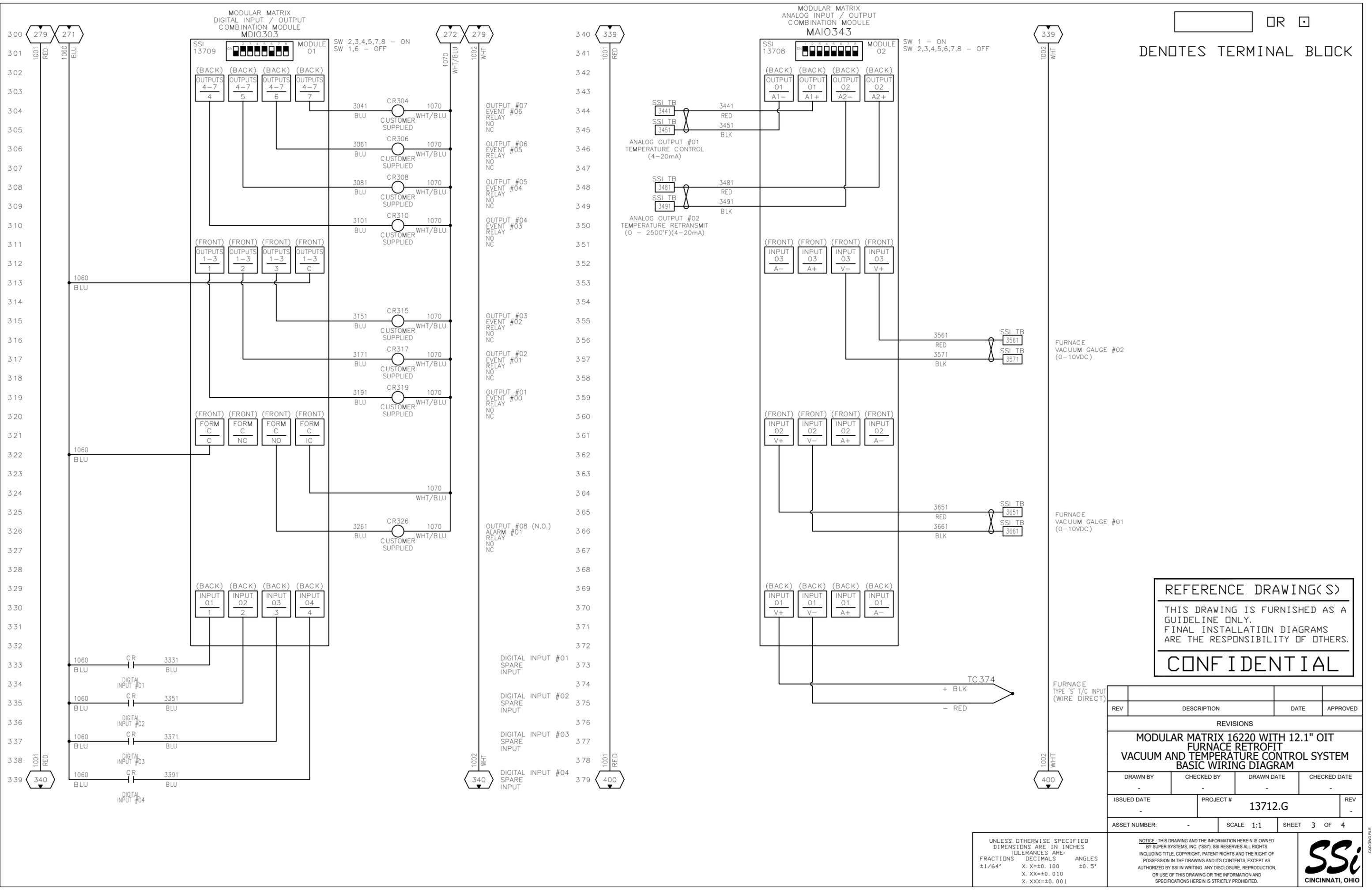
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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 12.1" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13712.G	-	
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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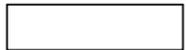
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 12.1" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13712.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	3	4

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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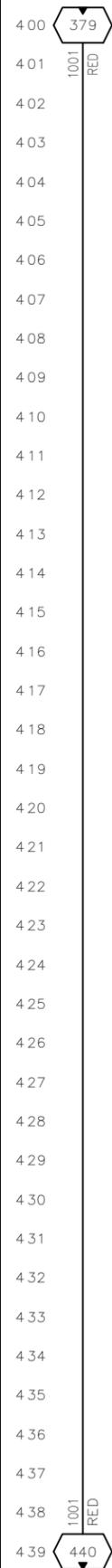
CAD DWG FILE



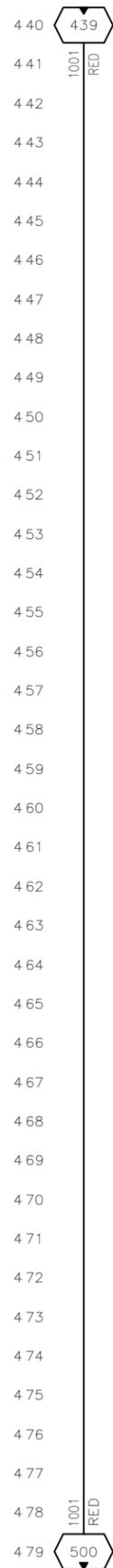
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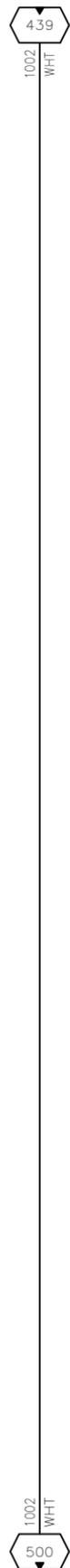
DENOTES TERMINAL BLOCK



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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 12.1" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13712.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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CAD DWG FILE

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, 24VDC, 120WATT (21226 DIN RAIL MOUNT), ASTRODYNE	31137	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	OPERATOR INTERFACE,ADVANTECH 12.1" COLOR,TOUCH SCREEN,XGA, WINDOWS 10 OS	31284	1	OIT143	
6	SSI	CABLE, COMMUNICATION, RS-485	A20576	1	CBL150	
7	SSI	MATRIX, MODULAR, MAIN COMMUNICATIONS MODULE, VACUUM	13705.G	1	MBC203	
8	SSI	MATRIX, MODULAR, COMBINATION DIGITAL INPUT / OUTPUT MODULE	13709	1	MDIO303	
9	SSI	MATRIX, MODULAR, COMBINATION ANALOG INPUT / OUTPUT MODULE	13708	1	MAIO343	
10	SSI	USB MEMORY STICK WITH SSI LOGO, 512MB	31673	1	USB1143	

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REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITH 12.1" OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BILL OF MATERIALS</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	13712.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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