

OR □  
DENOTES TERMINAL BLOCK

INTENTIONALLY  
BLANK

REFERENCE DRAWING(S)  
THIS DRAWING IS FURNISHED AS A  
GUIDELINE ONLY.  
FINAL INSTALLATION DIAGRAMS  
ARE THE RESPONSIBILITY OF OTHERS.  
**CONFIDENTIAL**

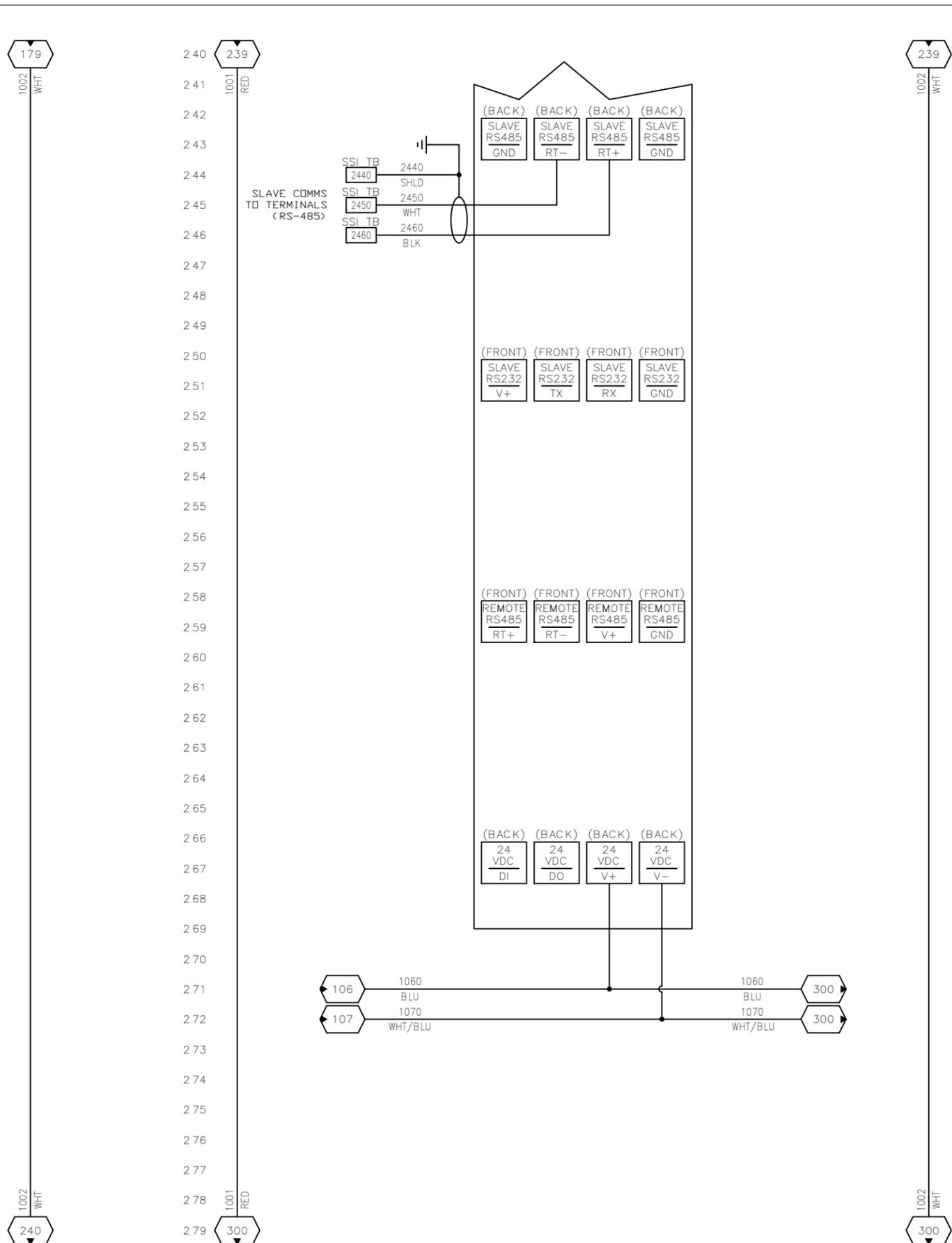
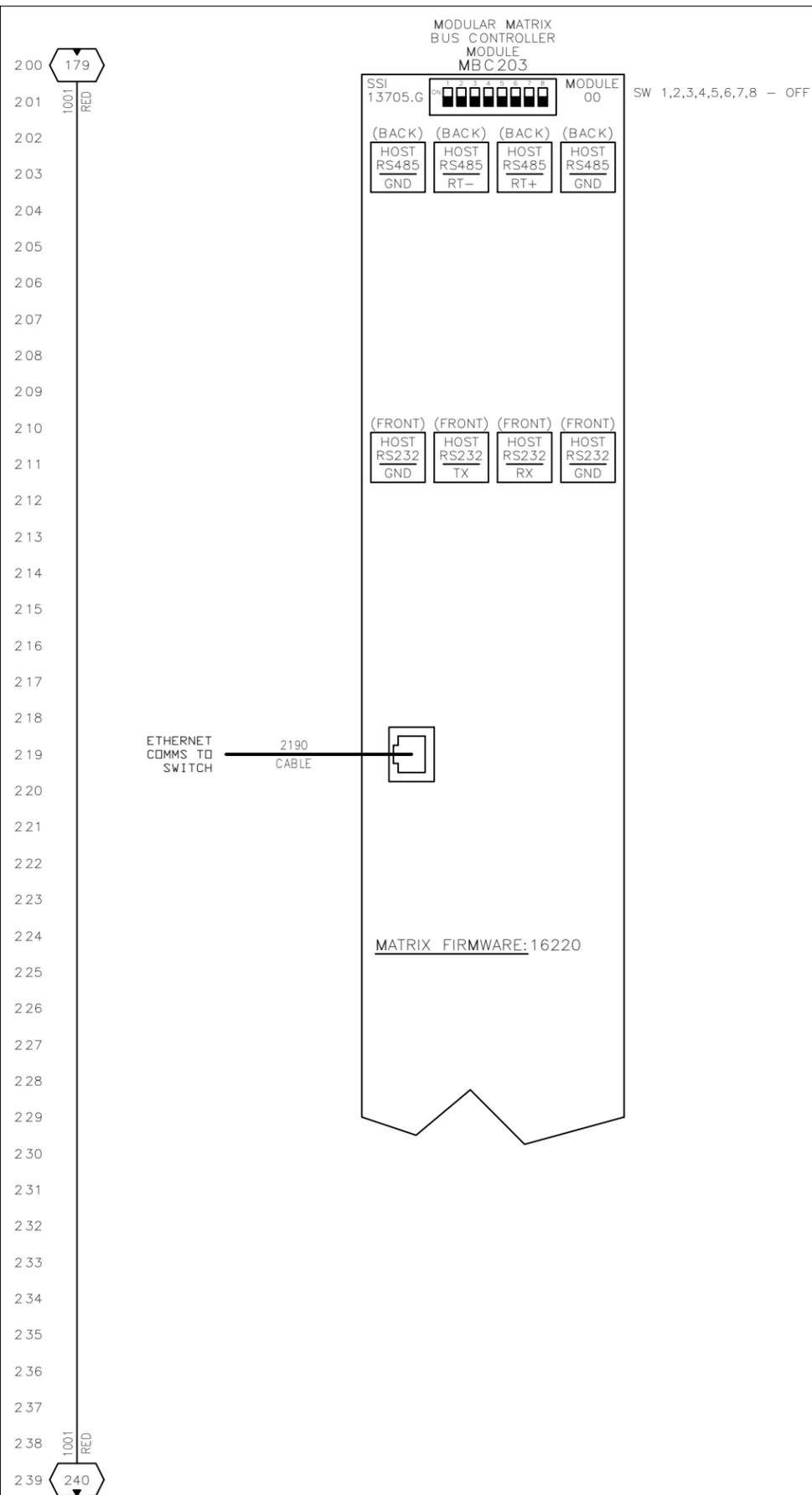
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITHOUT OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	1371X.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	1	4

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
FRACTIONS DECIMALS ANGLES  
±1/64" X .XX=±0. 010 ±0. 5"  
X .XXX=±0. 001

NOTICE: THIS DRAWING AND THE INFORMATION HEREIN IS OWNED  
BY SUPER SYSTEMS, INC. ("SSI"). SSI RESERVES ALL RIGHTS  
INCLUDING TITLE, COPYRIGHT, PATENT RIGHTS AND THE RIGHT OF  
POSSESSION IN THE DRAWING AND ITS CONTENTS, EXCEPT AS  
AUTHORIZED BY SSI IN WRITING. ANY DISCLOSURE, REPRODUCTION,  
OR USE OF THIS DRAWING OR THE INFORMATION AND  
SPECIFICATIONS HEREIN IS STRICTLY PROHIBITED.

**SSI**  
CINCINNATI, OHIO

CADWG FILE



OR □

DENOTES TERMINAL BLOCK

REFERENCE DRAWING(S)

THIS DRAWING IS FURNISHED AS A GUIDELINE ONLY. FINAL INSTALLATION DIAGRAMS ARE THE RESPONSIBILITY OF OTHERS.

**CONFIDENTIAL**

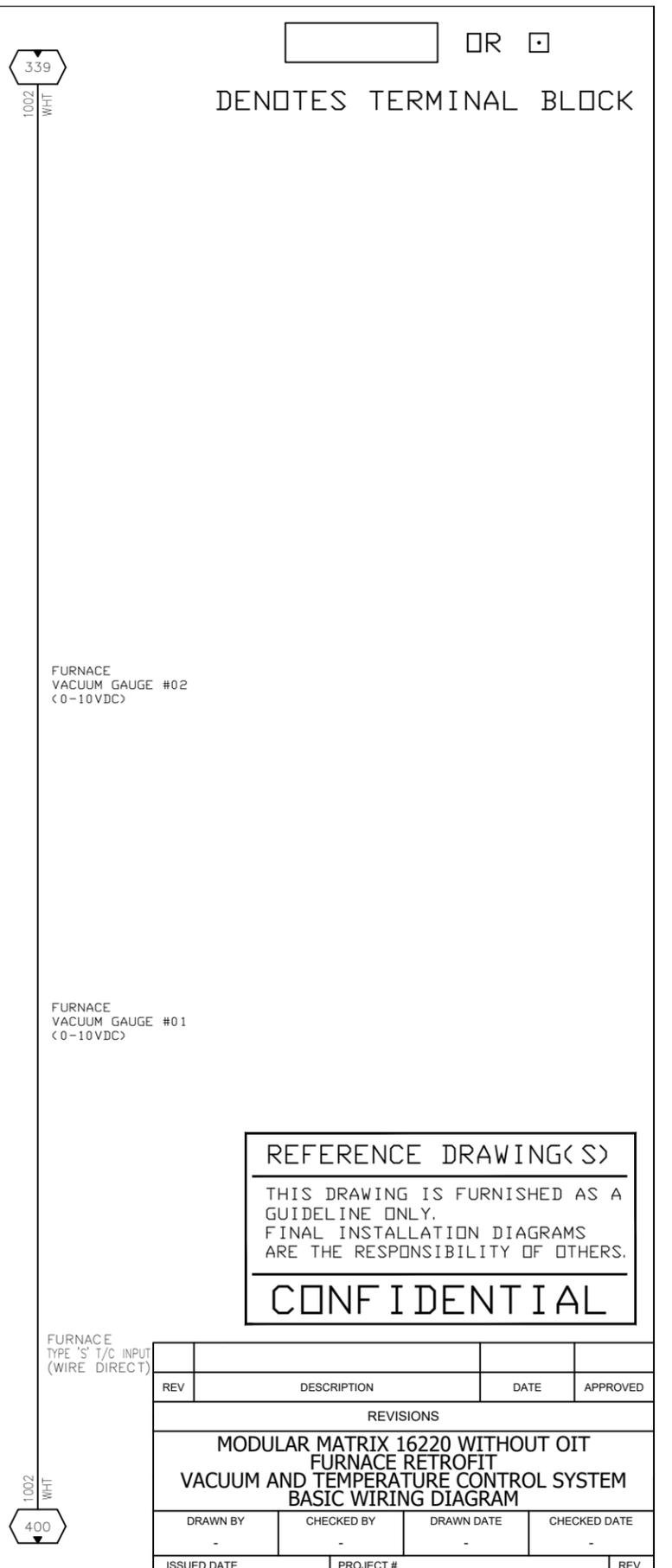
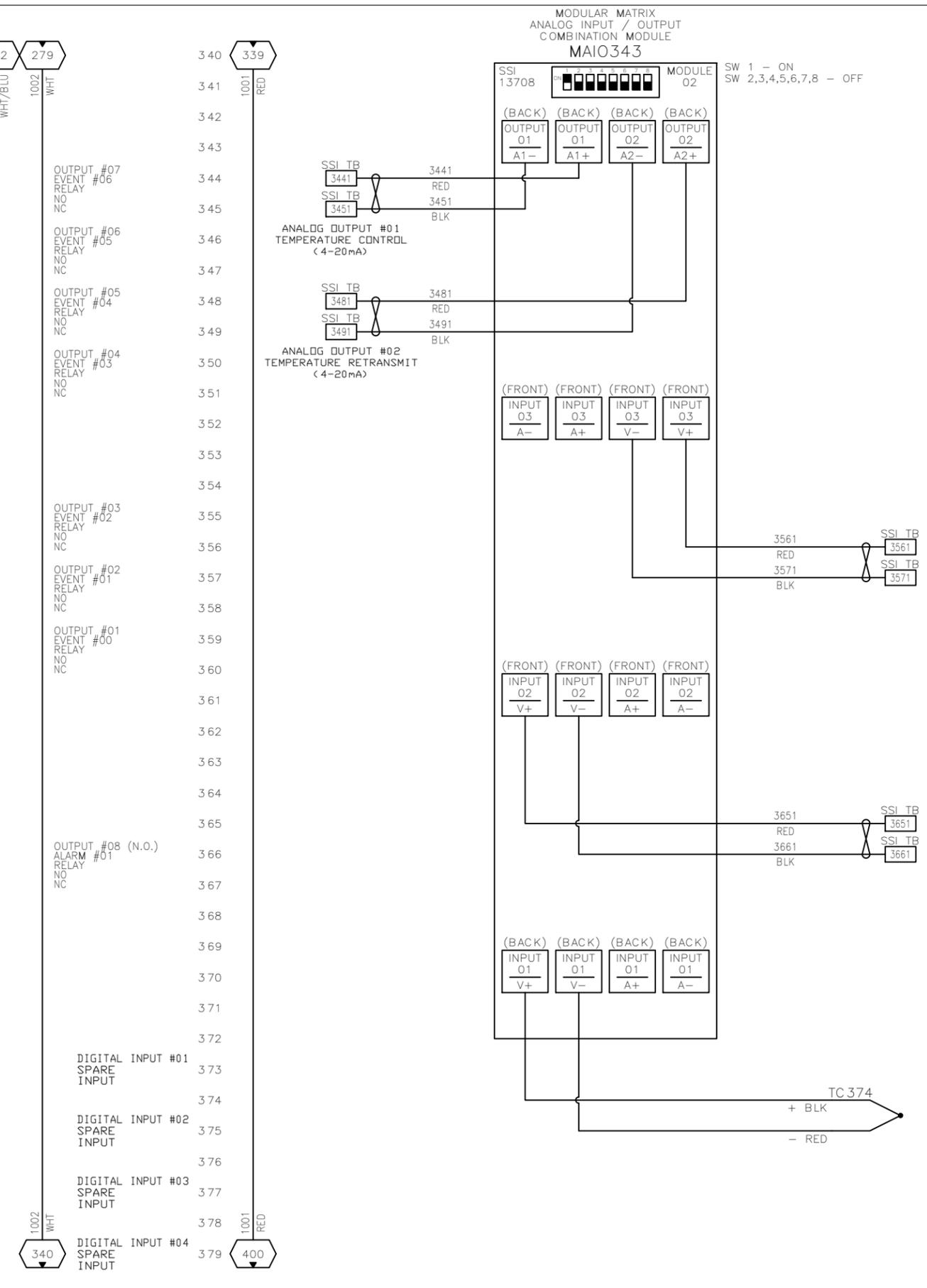
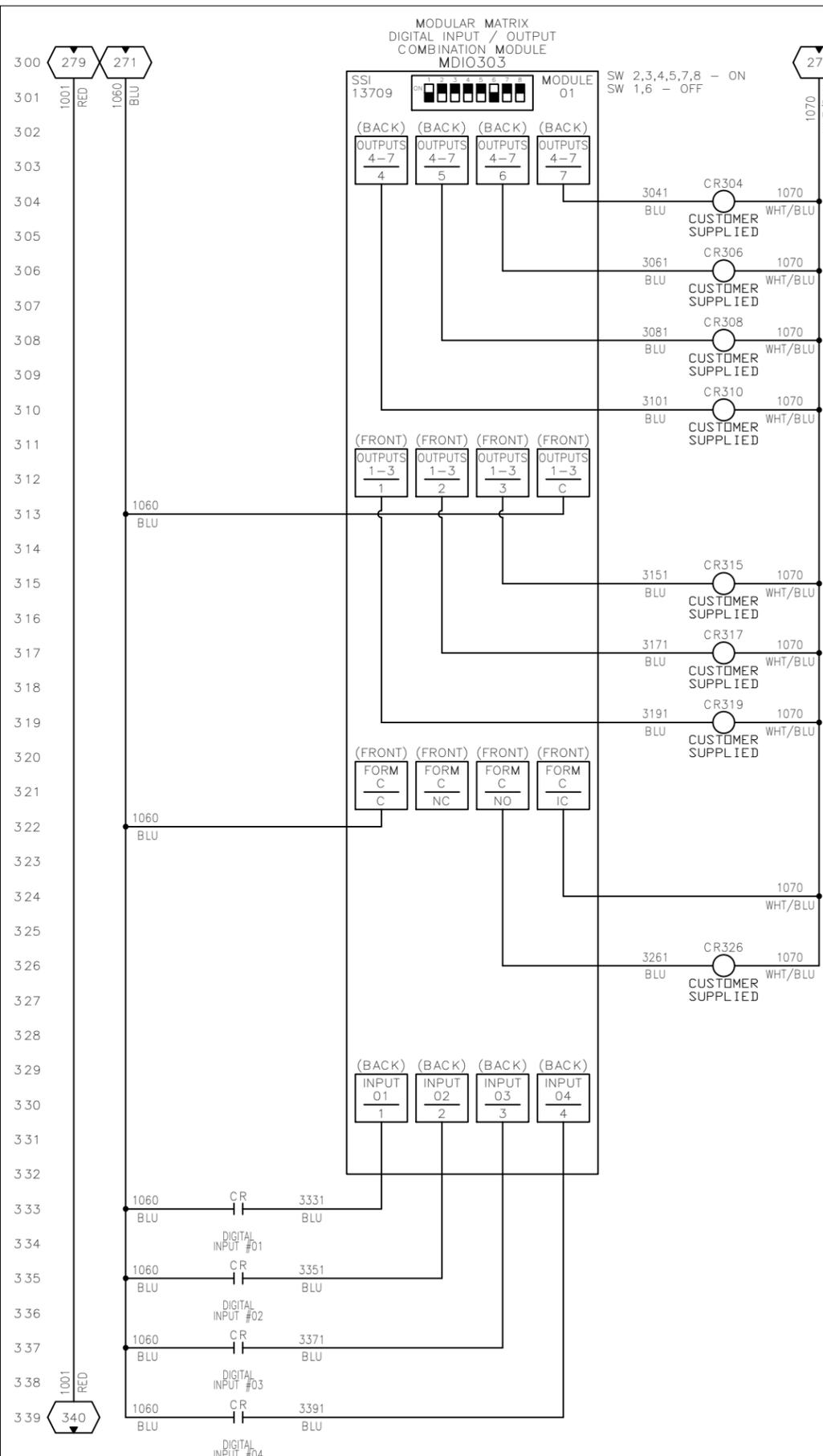
REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITHOUT OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	1371X.G	-	
ASSET NUMBER:	SCALE	SHEET	OF
-	1:1	2	4

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

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

NOTICE: THIS DRAWING AND THE INFORMATION HEREIN IS OWNED BY SUPER SYSTEMS, INC. (SSI). SSI RESERVES ALL RIGHTS INCLUDING TITLE, COPYRIGHT, PATENT RIGHTS AND THE RIGHT OF POSSESSION IN THE DRAWING AND ITS CONTENTS, EXCEPT AS AUTHORIZED BY SSI IN WRITING. ANY DISCLOSURE, REPRODUCTION, OR USE OF THIS DRAWING OR THE INFORMATION AND SPECIFICATIONS HEREIN IS STRICTLY PROHIBITED.

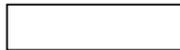
**SSI**  
CINCINNATI, OHIO



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

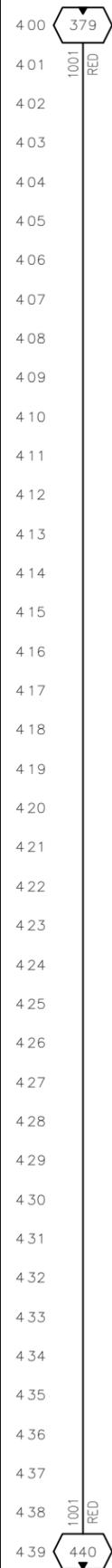
NOTICE: THIS DRAWING AND THE INFORMATION HEREIN IS OWNED BY SUPER SYSTEMS, INC. (SSI). SSI RESERVES ALL RIGHTS INCLUDING TITLE, COPYRIGHT, PATENT RIGHTS AND THE RIGHT OF POSSESSION IN THE DRAWING AND ITS CONTENTS, EXCEPT AS AUTHORIZED BY SSI IN WRITING. ANY DISCLOSURE, REPRODUCTION, OR USE OF THIS DRAWING OR THE INFORMATION AND SPECIFICATIONS HEREIN IS STRICTLY PROHIBITED.

SSI  
CINCINNATI, OHIO

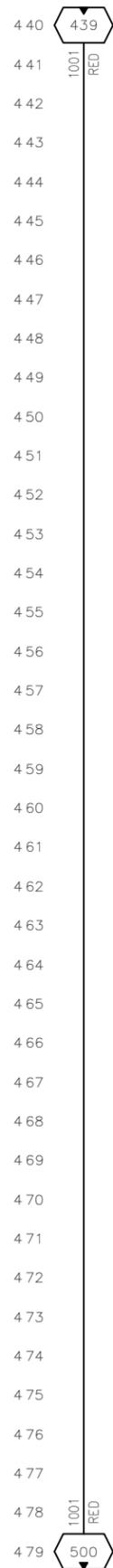


OR

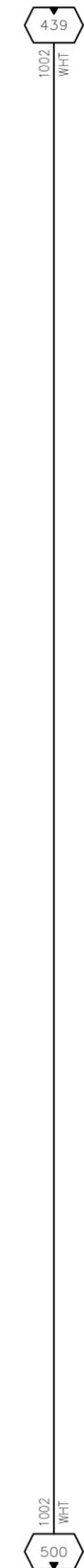
DENOTES TERMINAL BLOCK



INTENTIONALLY BLANK



INTENTIONALLY BLANK



REFERENCE DRAWING(S)

THIS DRAWING IS FURNISHED AS A GUIDELINE ONLY. FINAL INSTALLATION DIAGRAMS ARE THE RESPONSIBILITY OF OTHERS.

**CONFIDENTIAL**

REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITHOUT OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BASIC WIRING DIAGRAM</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	1371X.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	

NOTICE: THIS DRAWING AND THE INFORMATION HEREIN IS OWNED BY SUPER SYSTEMS, INC. (SSI). SSI RESERVES ALL RIGHTS INCLUDING TITLE, COPYRIGHT, PATENT RIGHTS AND THE RIGHT OF POSSESSION IN THE DRAWING AND ITS CONTENTS, EXCEPT AS AUTHORIZED BY SSI IN WRITING. ANY DISCLOSURE, REPRODUCTION, OR USE OF THIS DRAWING OR THE INFORMATION AND SPECIFICATIONS HEREIN IS STRICTLY PROHIBITED.



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,24 VOLTS DC,75 WATT	31135	1	PWS104	
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	

REFERENCE DRAWING(S)  
 THIS DRAWING IS FURNISHED AS A  
 GUIDELINE ONLY.  
 FINAL INSTALLATION DIAGRAMS  
 ARE THE RESPONSIBILITY OF OTHERS.

**CONFIDENTIAL**

REV	DESCRIPTION	DATE	APPROVED
REVISIONS			
<b>MODULAR MATRIX 16220 WITHOUT OIT FURNACE RETROFIT VACUUM AND TEMPERATURE CONTROL SYSTEM BILL OF MATERIALS</b>			
DRAWN BY	CHECKED BY	DRAWN DATE	CHECKED DATE
-	-	-	-
ISSUED DATE	PROJECT #	REV	
-	1371X.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	

NOTICE: THIS DRAWING AND THE INFORMATION HEREIN IS OWNED  
 BY SUPER SYSTEMS, INC. ("SSI"). SSI RESERVES ALL RIGHTS  
 INCLUDING TITLE, COPYRIGHT, PATENT RIGHTS AND THE RIGHT OF  
 POSSESSION IN THE DRAWING AND ITS CONTENTS, EXCEPT AS  
 AUTHORIZED BY SSI IN WRITING. ANY DISCLOSURE, REPRODUCTION,  
 OR USE OF THIS DRAWING OR THE INFORMATION AND  
 SPECIFICATIONS HEREIN IS STRICTLY PROHIBITED.



CAD DWG FILE