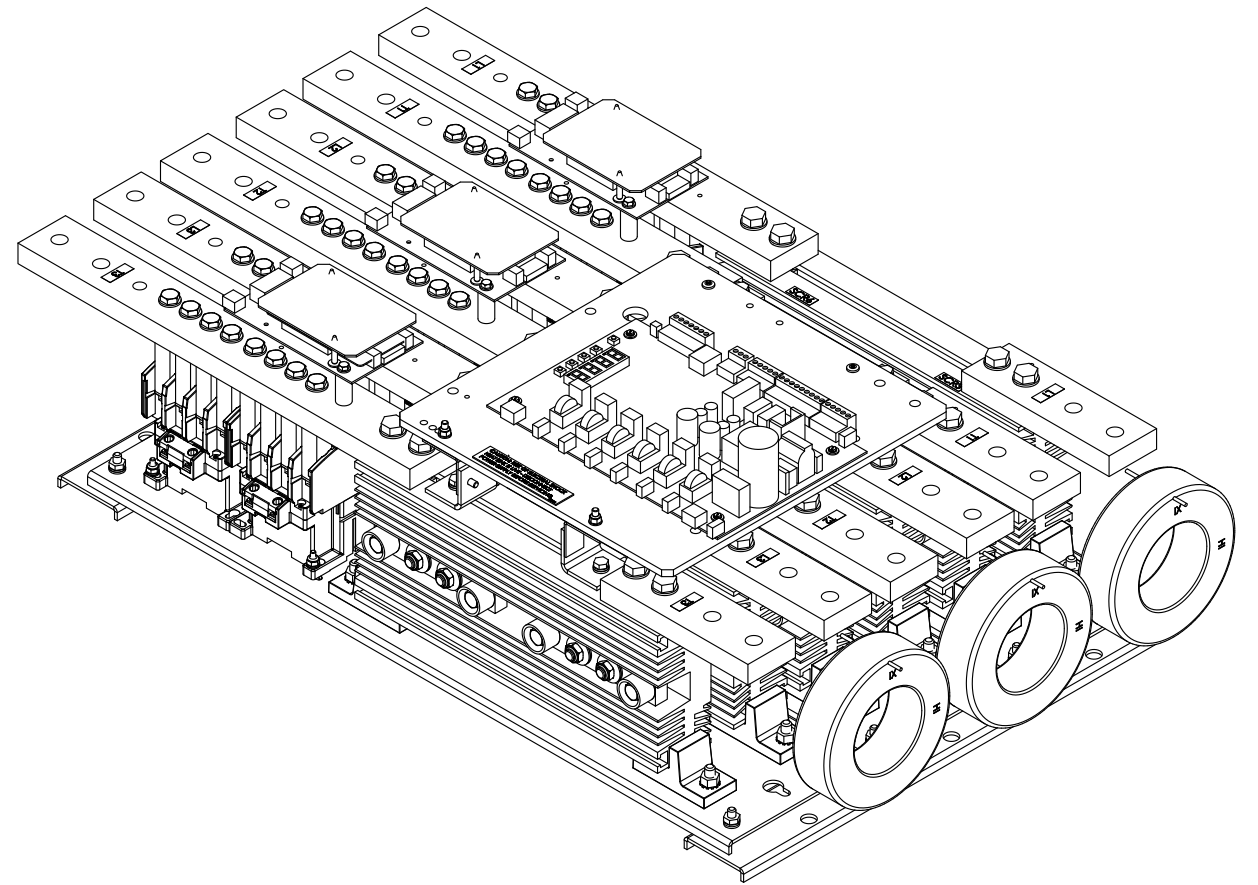




INSTALLATION NOTE:

TY-WRAP CT'S TO BUSS BAR AT END OF CHASSIS AS SHOWN.
LEAVE ENOUGH WIRE TO BE ABLE TO MOUNT THE CT AT THE
HEATSINK END OF THE CHASSIS. DO NOT SECURE CT WIRES
TO THE PANEL OR CHASSIS.

NOTES:

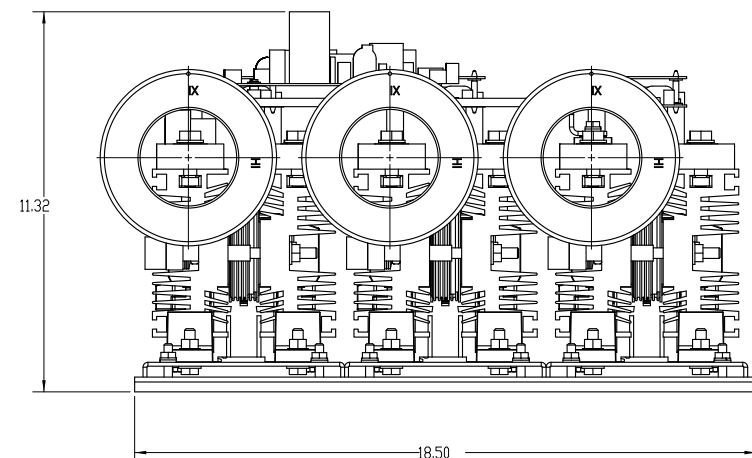
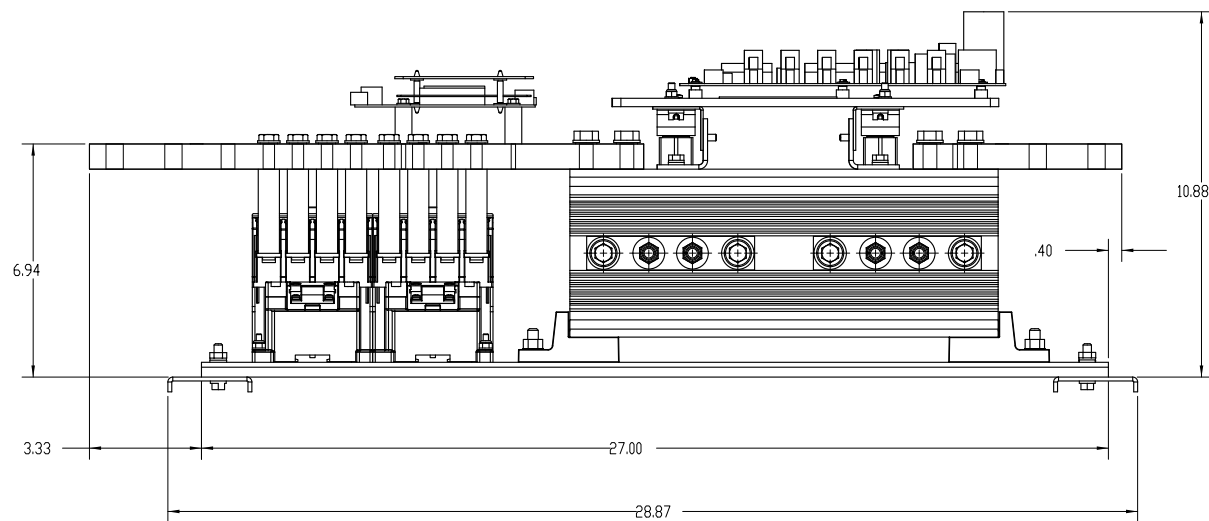
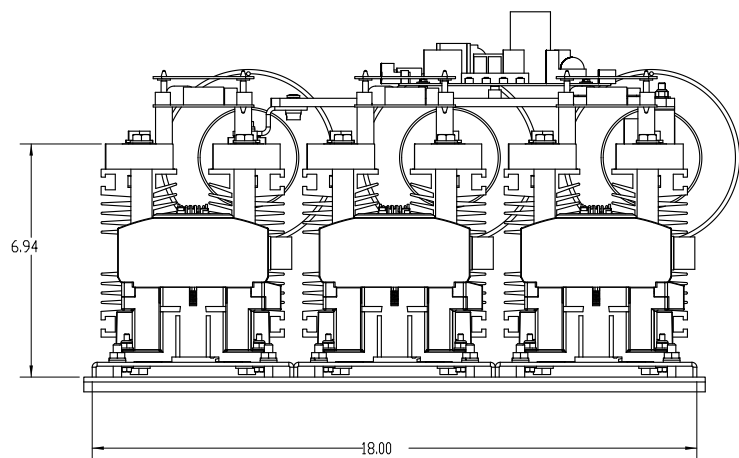
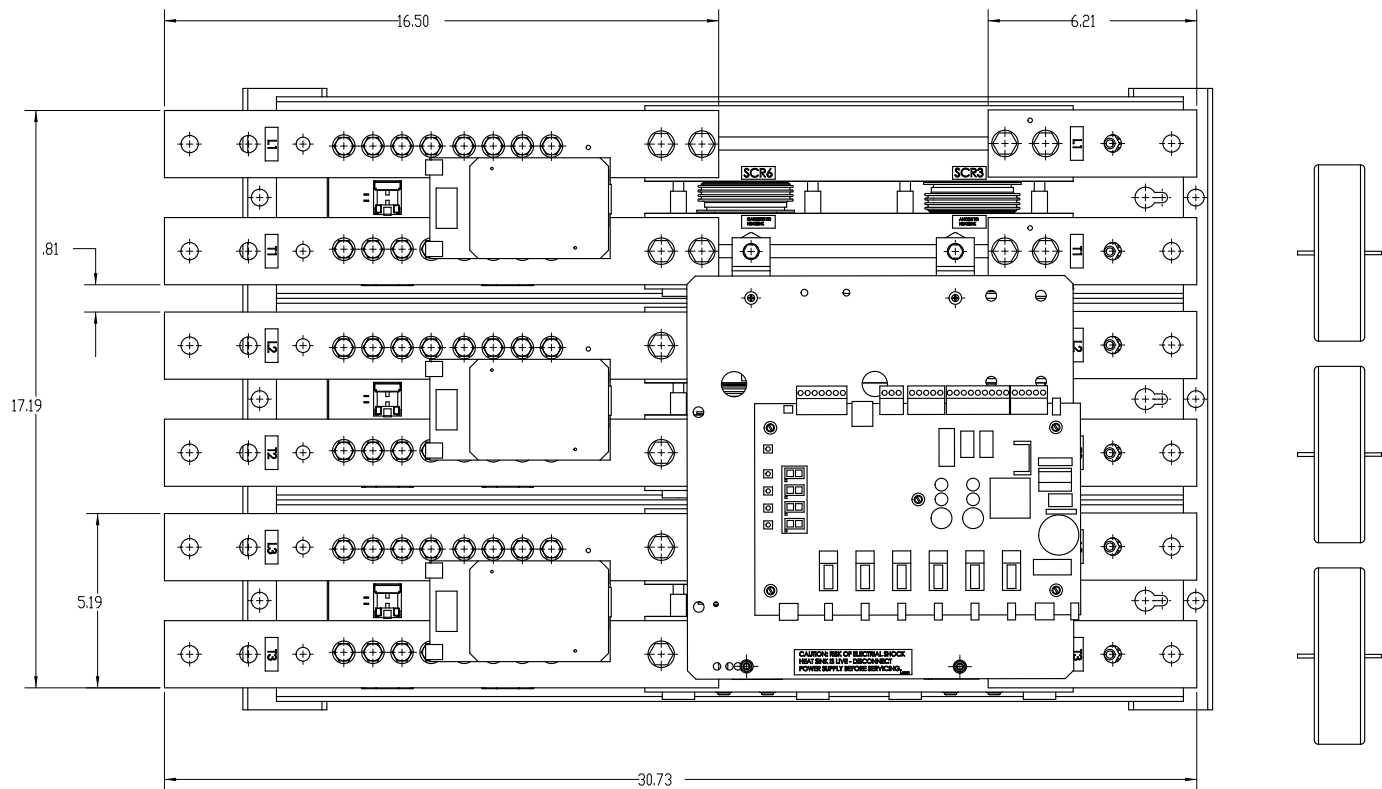
1. TIGHTEN ALL M6-1.00 BOLTS TO 6.77 Nm QR (5 FT LBS).
2. ITEM 202 WILL BE REMOVED FROM THE CHASSIS WHEN THE STARTER IS MOUNTED DIRECTLY TO A SUBPANEL OF A ENCLOSURE. HARDWARE WILL BE DISCARDED.
3. ITEM 203 THRU 208 ARE NOT SHOWN.

[illegible]

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

CH-440146-00

A
B
C
D
E
F
G
H
I
J
K
L
M
N



DO NOT SCALE DWG	THIRD ANGLE PROJECTION		UNLESS OTHERWISE SPECIFIED ALL DIMENSION IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994		SIGNATURES		DATE	TITLE:	 BENSHAW 305 ALPINE DRIVE PETERSBURG, PA 15201 PHONE 1-822-940-000 SUN BRIDGE ST. E. LEWISTON, MAINE 04042		
	THIS DRAWING AND ALL INFORMATION CONTAINS HEREIN, IS THE PROPERTY OF BENSHAW INC., AND DIVULGED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF BENSHAW INC. CONVENIENCE OF THE USER AND SHALL BE RETURNED UPON REQUEST.			TOLERANCES: ANGLES ± 1°	.X ± 1/8 X.X ± .03 .XXX ± .015	DRWN. RBM	11/2/06	RB2 720 AMP CHASSIS STANDARD FAULT 42KA MAX			
				MATERIAL:		CHKD.		720A OD/1116A ID NOMINAL 828A OD/1283A ID @115% 600V MAX			
						ENG. MSN	11/16/06				
						MFG.					
		FINISH							SIZE: D	DWG NO: CH-440146-00	REV: 3
						SCALE: 3/8:1			SHEET: 2 OF 2		

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

60-681004-HJS

ON GND

A

B

C

D

E

F

G

H

I

J

K

L

M

N

STANDARD LEGEND

- WIRE NODE SYMBOL MAY HAVE TERMINAL BLOCK
- BENSHAW SUPPLIED TERMINAL BLOCK
- TERMINAL STRIP
- POWER CONNECTION
- PC BOARD TERMINALS
- TWISTED PAIR
- TWISTED SHIELDED PAIR
- SHIELDED WIRE
- FIELD WIRING

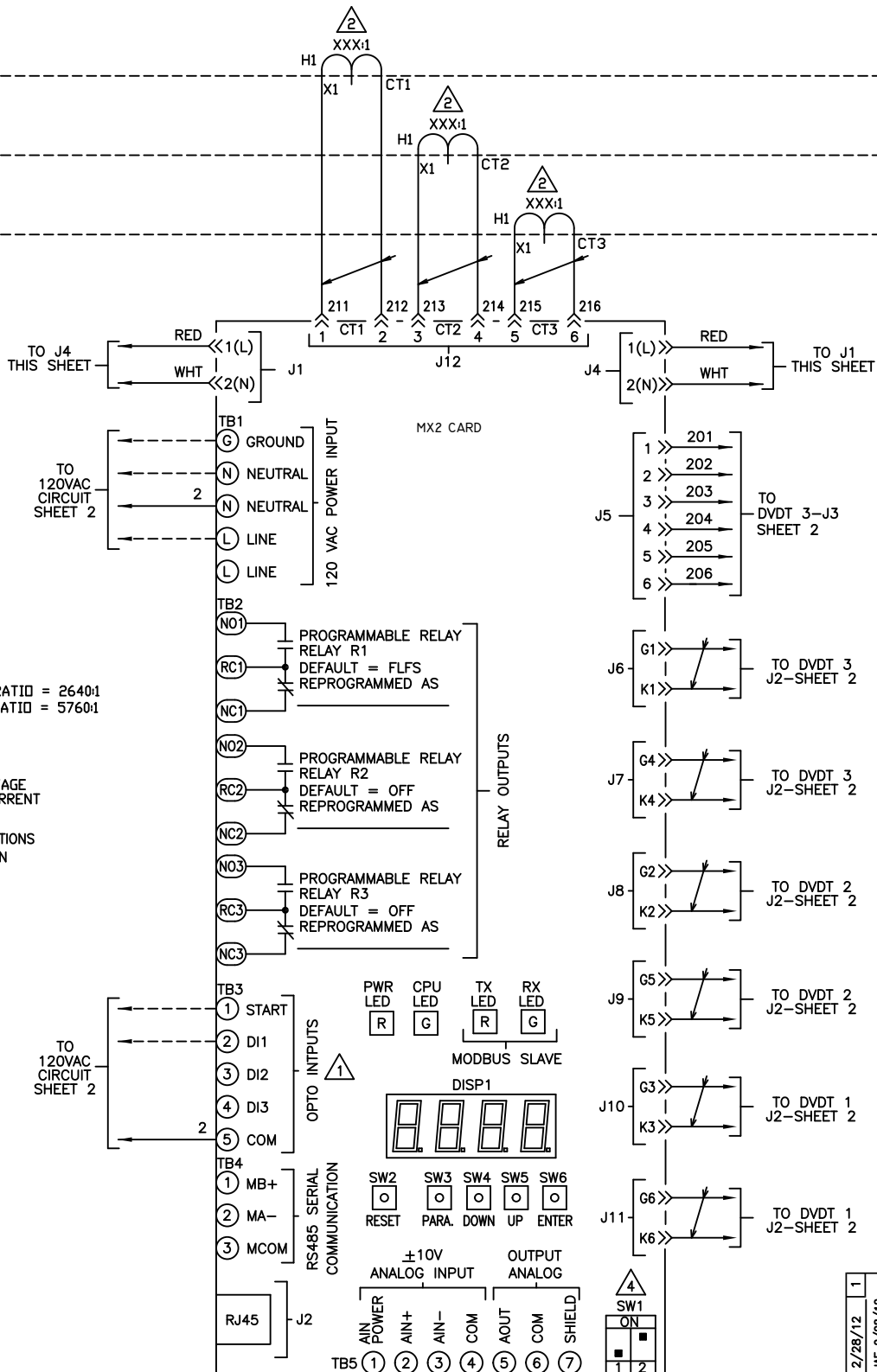
NOTES:

- 1 SELECT EITHER THREE OR TWO WIRE CONTROL.
- 2 FOR 362-414A UNITS, PROGRAM (P78), FUN (03), CT RATIO = 2640:1
FOR 415-720A UNITS, PROGRAM (P78), FUN (03), CT RATIO = 5760:1
- 3 L4/T4 CONTACTOR POLE IS ONLY ON 720A UNITS
- 4 SW1-1: (ANALOG INPUT) UP = CURRENT, DOWN = VOLTAGE
SW1-2: (ANALOG OUTPUT) UP = VOLTAGE, DOWN = CURRENT
- 5 TIGHTEN POWER AND GROUND LUG FIELD WIRING CONNECTIONS TO CHART 1 SPECIFICATIONS. IF BREAKER IS SUPPLIED ON LINE SIDE OF STACK USE TORQUE VALUES ON BREAKER.

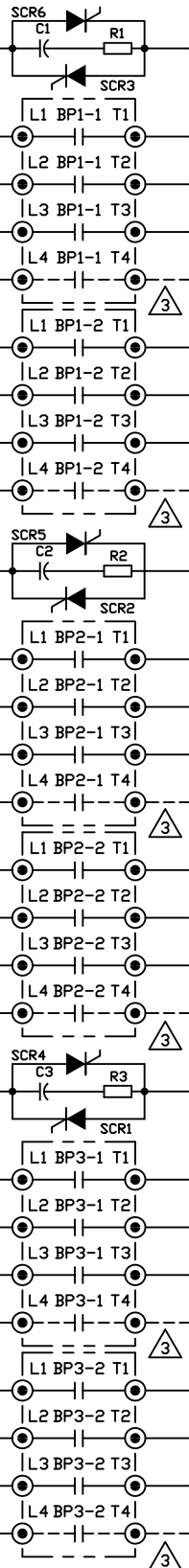
CHART 1

TIGHTENING TORQUE SPECIFICATIONS FOR SOCKET HEAD SCREWS	
SOCKET SIZE ACROSS FLATS (INCHES)	TORQUE POUNDS-INCHES
1/4	200
5/16	275
3/8	375
1/2	500

INCOMING POWER



L1
L2
L3
GND



T1
T2
T3
GND

AC MOTOR

1
E3488 2/28/12
APPROV: JAE 2/28/12
CHG BY: CAH 2/28/12
CHANGE REMOVED FIVE
SURGE SUPPRESSORS

REVISIONS
DO NOT SCALE DWG

THIRD ANGLE
PROJECTION
THIS DRAWING AND ALL INFORMATION
CONTAINED HEREIN, IS THE
PROPERTY OF BENSHAW INC., AND
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PERSONS WITHOUT THE EXPRESS
WRITTEN CONSENT OF BENSHAW INC.
IT IS PROVIDED SOLELY FOR THE
CONVENIENCE OF THE USER AND
SHALL BE RETURNED UPON REQUEST.

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS IN INCHES
INTERPRET DRAWING PER
ASME Y14.5M-1994
TOLERANCES: .XX ± .03
.XXX ± .015
ANGLES ± 1°
MATERIAL:
FINISH:

TITLE:
MASTER
POWER SCHEMATIC
RB2, W/MX2 CONTROL
FOR: 362-720A CHASSIS

SIGNATURES: JMD
DATE: 11/2/2008
CHG: MSN
DATE: 11/2/2008
MFG: MSN
DATE: 11/2/2008
SIZE: D
DWG NO. SCH-700139-03
SCALE: 1:1

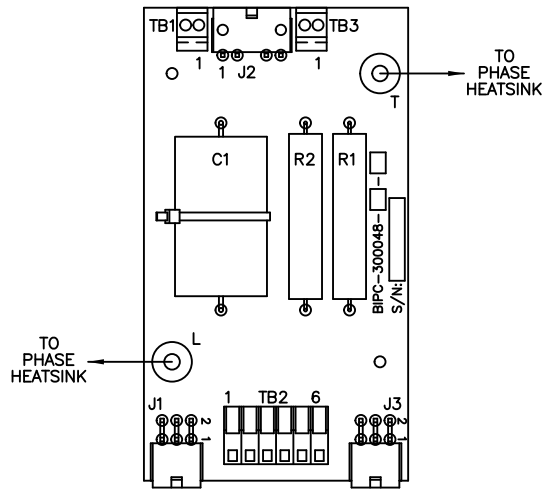
BENSHAW
815 ALPHA DRIVE
PITTSBURGH, PA 15238
550 BRIGHT STREET
LITTON, ONTARIO
M4W 3W5
REV 1
SHEET 1 OF 2

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

SCH-700139-03

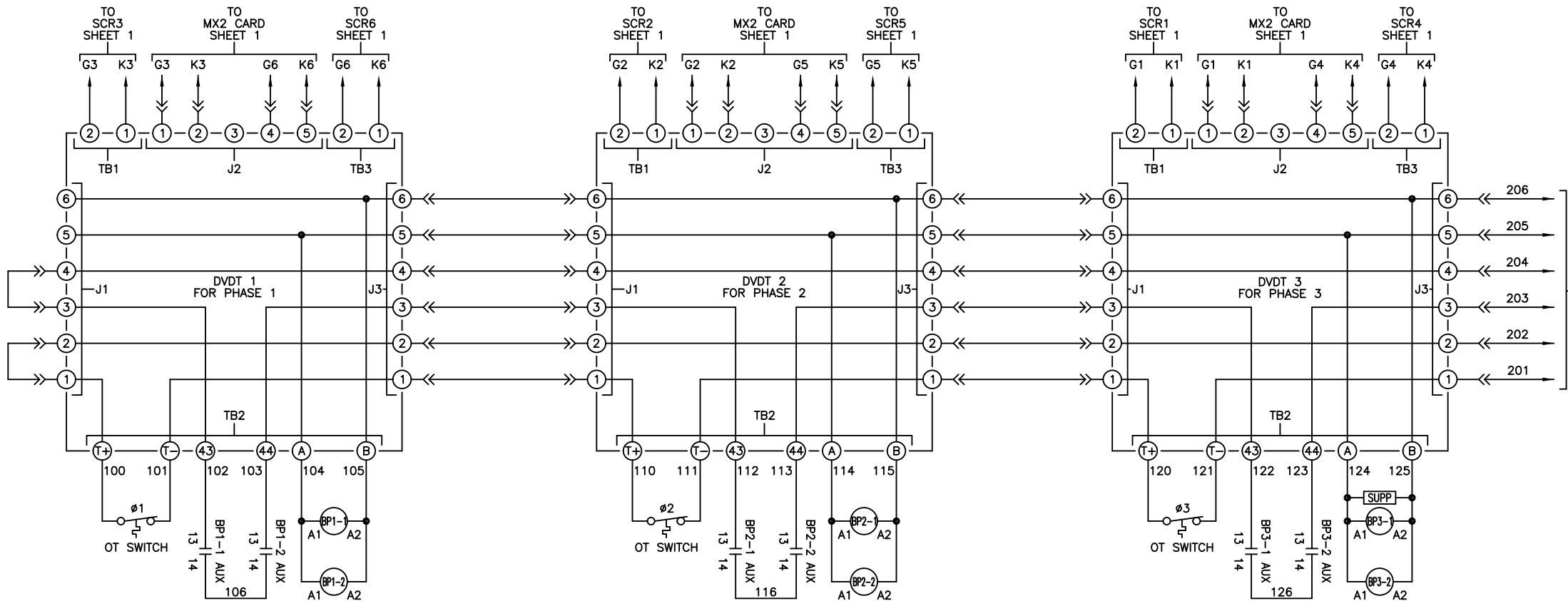
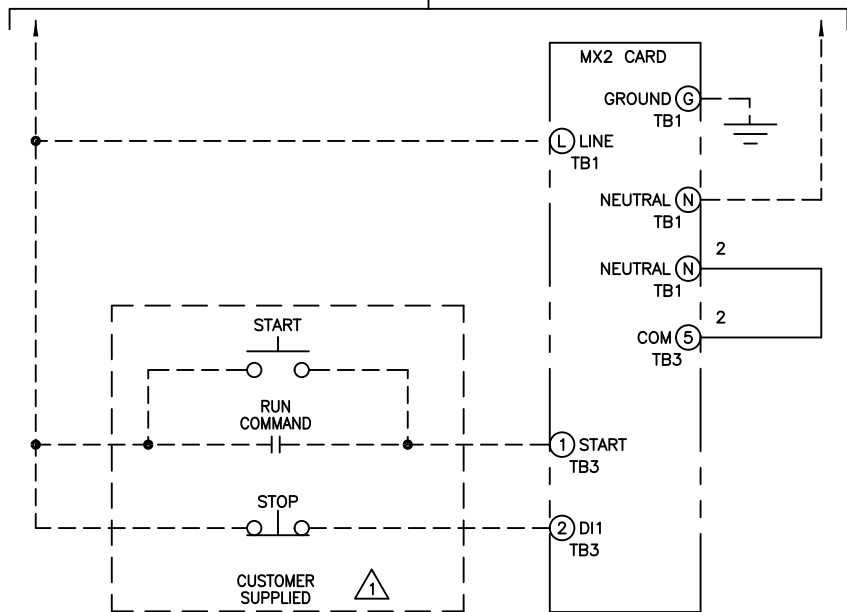
ON DIM

TO
CUSTOMER
SUPPLIED
120VAC
CIRCUIT



STANDARD LEGEND

- WIRE NODE SYMBOL MAY HAVE TERMINAL BLOCK
- BENSHAW SUPPLIED TERMINAL BLOCK
- TERMINAL STRIP
- POWER CONNECTION
- PC BOARD TERMINALS
- TWISTED PAIR
- TWISTED SHIELDED PAIR
- SHIELDED WIRE
- FIELD WIRING



TO
MX2 CARD-J5
SHEET 1

REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994 TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1° MATERIAL: FINISH:	TITLE: MASTER CONTROL SCHEMATIC RB2, W/MX2 CONTROL FOR: 362-720A CHASSIS	SIGNATURES	DATE		815 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LITTONWEL, ONTARIO M4W 3W5
	DRWN.			JMD	11/2/2006		
	CHND.						
	ENG.			MSN	11/2/2006		
	MFG.						
SIZE	D	DWG NO.	SCH-700139-03	REV	1		
SCALE: 1:1				SHEET 2 OF 2			