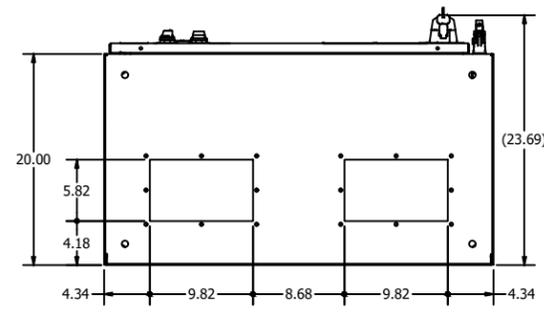
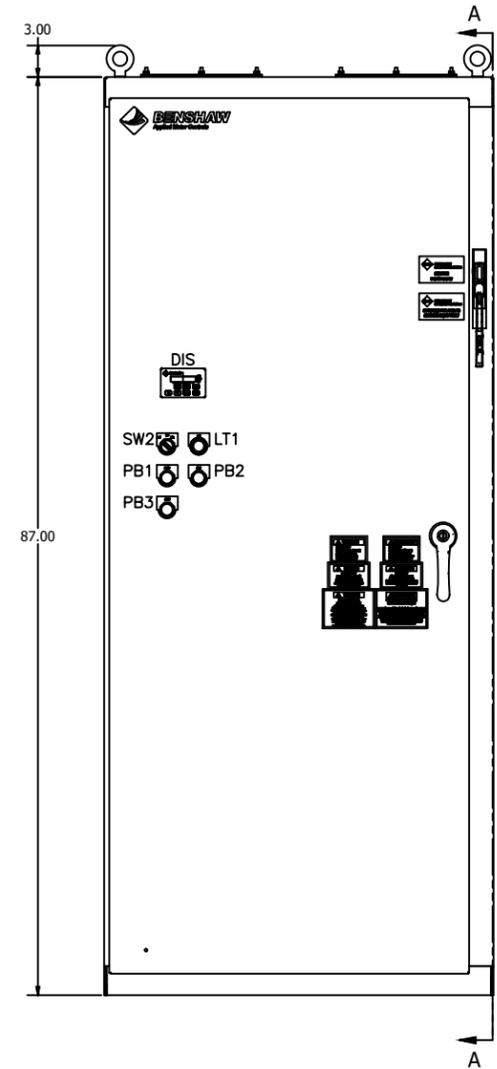
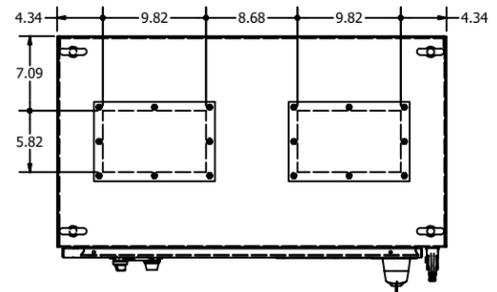


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

A
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RX3E40048012KP

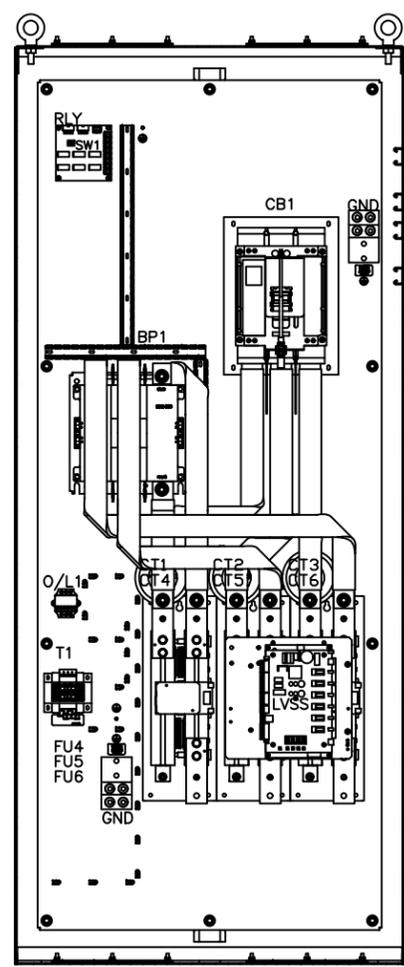


LEGEND

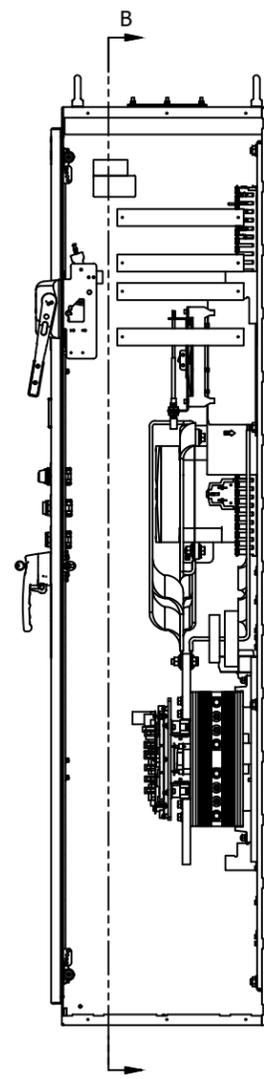
- | | | | |
|--------|------------------------------|------|-------------------------|
| CB1: | CIRCUIT BREAKER | DIS: | DOOR MOUNTED KEYPAD |
| GND: | GROUND LUGS | PB1: | START PUSHBUTTON |
| LVSS: | RB3 POWER STACK | PB2: | STOP PUSHBUTTON |
| CT1-3: | CONTROL CARD CT'S | PB3: | RESET PUSHBUTTON |
| BP1: | ATL/BYPASS CONTACTOR | SW2: | LOC-OFF-REM SEL. SWITCH |
| O/L: | OVERLOAD RELAY | LT1: | RUNNING PILOT LIGHT |
| RLY: | SS-ATL RELAY CARD | | |
| SW1: | SS-OFF-ATL SEL. SWITCH (RLY) | | |
| PS1: | PINSTRIP (3 POINT) | | |
| T1: | CONTROL POWER TRANSFORMER | | |
| FU4-5: | PRIMARY FUSING (T1) | | |
| FU6: | SECONDARY FUSE (T1) | | |

NOTES:

- 1 MINIMUM WIRE BENDING SPACE SHALL BE 15.00" FROM TOP OF CIRCUIT BREAKER POWER CONNECTION TO TOP OF ENCLOSURE.
- 2 ENSURE THAT ALL RIBBON CABLES ARE ROUTED AWAY FROM POWER CONDUCTORS.
- 3 MINIMUM WIRE BENDING SPACE SHALL BE 15.00" FROM BOTTOM OF POWERSTACK POWER CONNECTION TO BOTTOM OF ENCLOSURE.
- 4 ENCLOSURE LAYOUT IS DESIGNED FOR CABLE ENTRY/EXIT TO BE TOP/BOTTOM.



SECTION B-B
SCALE 1 / 8



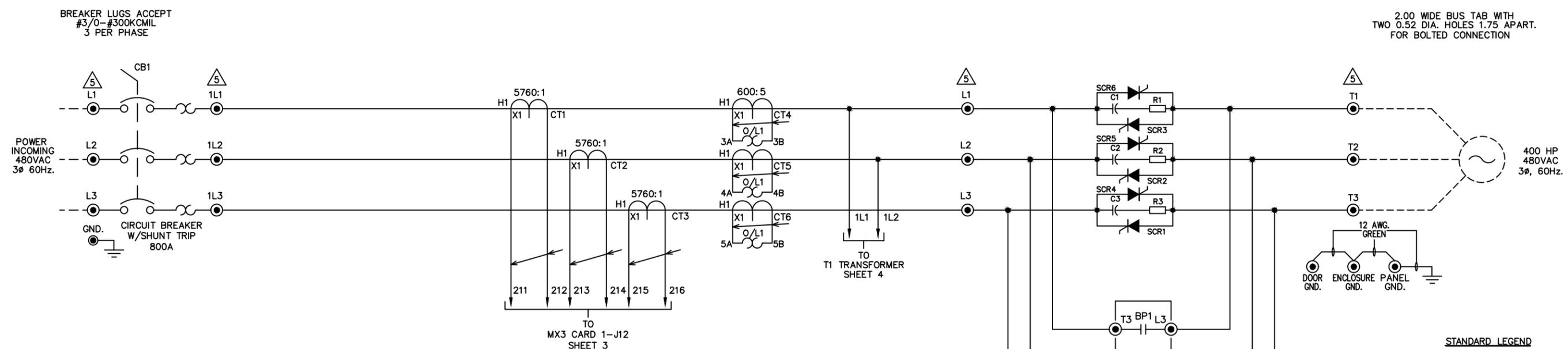
SECTION A-A
SCALE 1 / 8

ECO1085113	APPR: BDA 4/11/24	14	APPR: BDA 9/27/21	12	APPR: AES 11/12/12	10	APPR: JAF 8/14/12	11	APPR: AES 11/12/12
CHG BY: RWS 4/11/21	CHANGE CHANGED	SW2 LEGEND TO BE FROM LOCAL-OFF-REMOTE	CHG BY: BDA 9/27/21	CHANGE CHANGED	CHG BY: BDA 2/25/13	CHANGE CHANGED	CHG BY: BDA 8/14/12	CHANGE REVISOR PER PROJECT REV TO INITIAL RELEASE	CHANGE CHANGED
CHG BY: BDA 11/12/12	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°				
THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF BENSCHAW INC. AND MAY NOT BE REPRODUCED OR DIVULGED TO UNAUTHORIZED PERSONS WITHOUT THE EXPRESS WRITTEN CONSENT OF BENSCHAW INC. IT IS PROVIDED SOLELY FOR THE CONVENIENCE OF THE USER AND SHALL BE RETURNED UPON REQUEST.									

TITLE: ENCLOSURE LAYOUT RX3E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)		SIGNATURES: BDA DATE: 8/14/12	615 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LISTOWEL, ONTARIO M4W 3W5
CHD: JAF MFG: JAF DATE: 8/14/12	BENSCHAW	SIZE: D DWG NO.: RX3E40048012KP	REV: 15 SHEET 1 OF 4

RX3E40048012KP

2.00 WIDE BUS TAB WITH TWO 0.52 DIA. HOLES 1.75 APART. FOR BOLTED CONNECTION



- NOTES**
1. FAILSAFE FAULT RELAY SHOWN IN DE-ENERGIZED STATE. RELAY WILL ENERGIZE WHEN CONTROL POWER IS APPLIED TO CONTROL CARD, AND WILL REMAIN ENERGIZED WHEN NO FAULTS ARE PRESENT. RELAY WILL DE-ENERGIZE WHEN A FAULT OCCURS, OR IF CONTROL POWER IS REMOVED FROM THE CARD
 2. REFER TO INSTRUCTION MANUAL FOR STARTER CONFIGURATION.
 3. CUSTOMER SHOULD MONITOR GENERAL FAULT CONTACTS OF RELAY (R3) FOR FAULT DETECTION, AND REMOVE 2 WIRE RUN COMMAND WHEN A FAULT IS DETECTED.
 4. TIGHTEN CARD WIRING CONNECTIONS TO 2.7-3.5 in. lbs. (0.3-0.4 N-m).
 5. TIGHTEN POWER LUG FIELD WIRING CONNECTIONS TO CHART 1. SPECIFICATIONS. IF BREAKER IS SUPPLIED ON LINE SIDE OF STACK USE TORQUE VALUES ON BREAKER.
 6. REMOVE JUMPER WHEN INTERLOCKS ARE INSTALLED.
 7. SELECT EITHER TWO OR THREE WIRE CONTROL.
 8. STARTER SHIPPED SETUP FOR CUSTOMER SUPPLIED REMOTE 2 WIRE CONTROL. IF NO CONTROL IS TO BE USED THEN JUMPERS SHOULD REMAIN AS SHOWN.
 9. IF CUSTOMER SUPPLIED REMOTE 3 WIRE CONTROL IS NEEDED MAKE CUSTOMER CONNECTIONS AS SHOWN.
 10. CHANGE P49 (DI2) TO "FR" (FAULT RESET)
 11. SW1-1: (ANALOG INPUT) UP = CURRENT, DOWN = VOLTAGE
SW1-2: (ANALOG OUTPUT) UP = VOLTAGE, DOWN = CURRENT
 12. PROGRAM (P78), FUN (03), CT RATIO = 5760:1

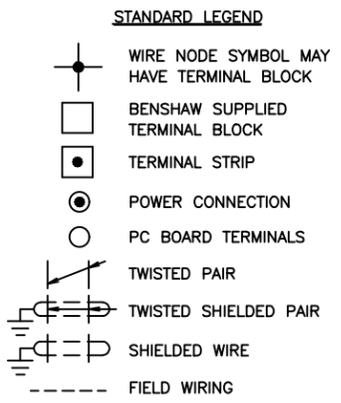
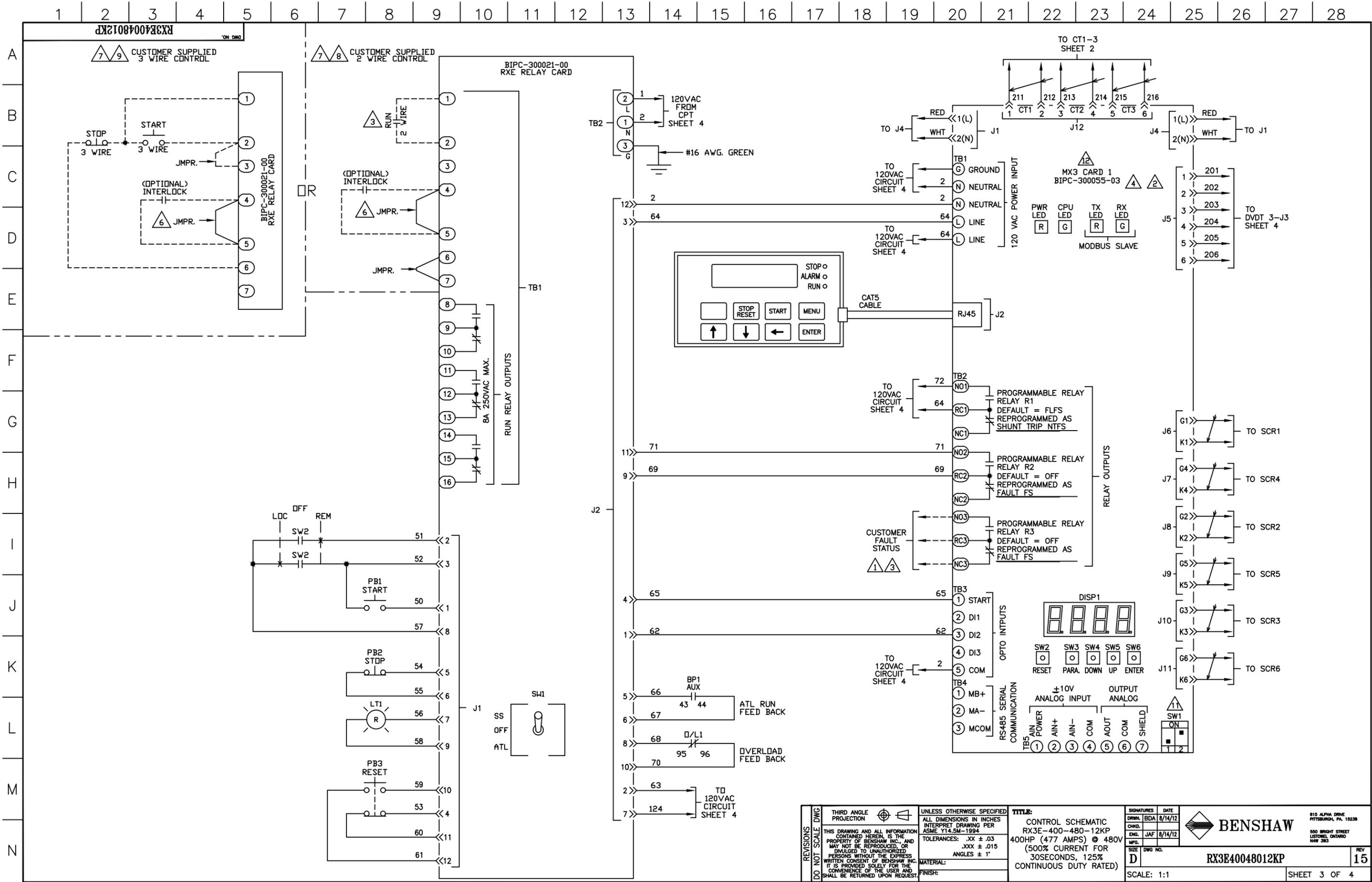


CHART 1
TIGHTENING TORQUE SPECIFICATIONS FOR HEX HEAD SCREWS

BOLT SIZE	BOLTS - GRADE 5	
	(IN. LB)	(FT. LB)
1/4	96-120	8-10
5/16	180-228	15-19
3/8	300-396	25-33
7/16	480-648	40-54
1/2	720-936	60-78

REVISIONS DO NOT SCALE DWG	THIRD ANGLE PROJECTION	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES INTERPRET DRAWING PER ASME Y14.5M-1994	TITLE: POWER SCHEMATIC RX3E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DATE DRWN: BDA 8/14/12 ENG: JAF 8/14/12 MFD:	615 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LISTOWEL, ONTARIO M4W 3W5	
	THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF BENSHAW INC. AND MAY NOT BE REPRODUCED, OR DIVULGED TO UNAUTHORIZED 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.	MATERIAL:	FINISH:	SIZE DWG NO. D	REV 15	BENS ^{HAW}
	SCALE: 1:1			SHEET 2 OF 4		
	RX3E40048012KP			15		



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°	TITLE: CONTROL SCHEMATIC RX3E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	DRWN: BDA 8/14/12	DATE: 8/14/12	615 ALPHA DRIVE PITTSBURGH, PA. 15238 550 BRIGHT STREET LISTOWEL, ONTARIO M4W 3W5	
	THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS THE PROPERTY OF BENSHAW INC. AND MAY NOT BE REPRODUCED, OR DIVULGED TO UNAUTHORIZED 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.			MFG: JAF 8/14/12	SIZE: D DWG NO.:		REV: 15
	MATERIAL:			FINISH:	SCALE: 1:1		SHEET 3 OF 4
	SCALE: 1:1			SHEET 3 OF 4			

