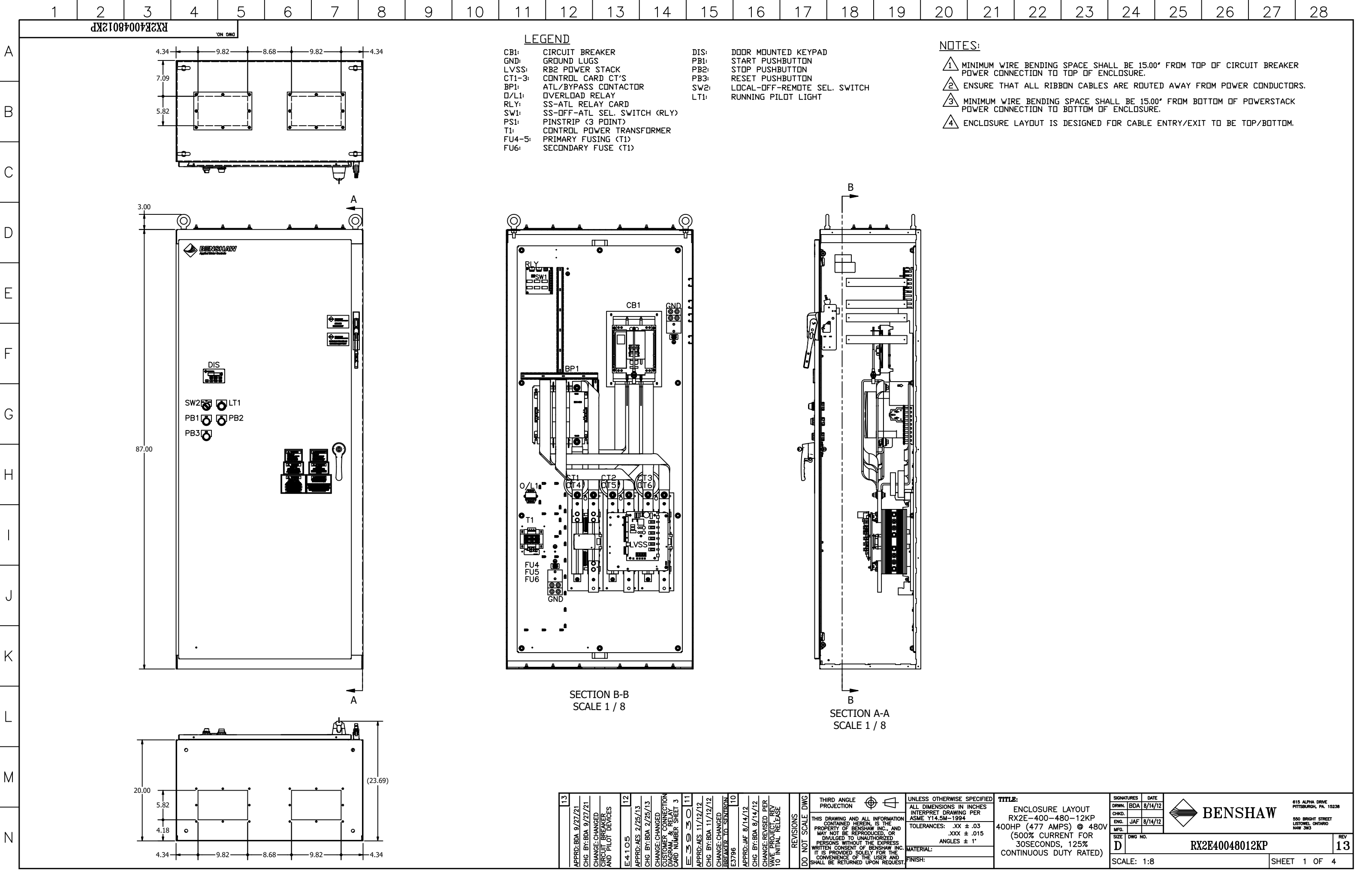
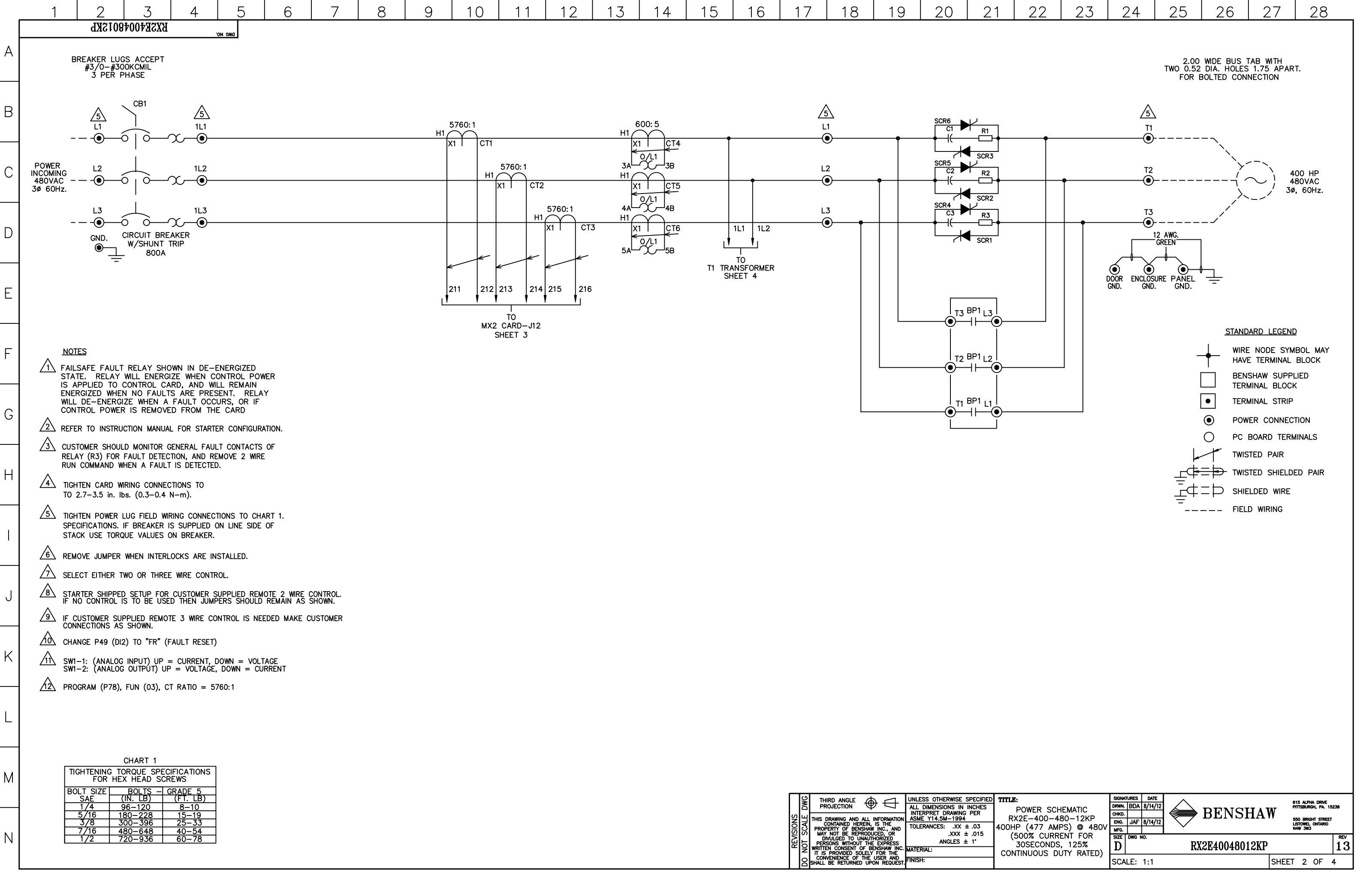


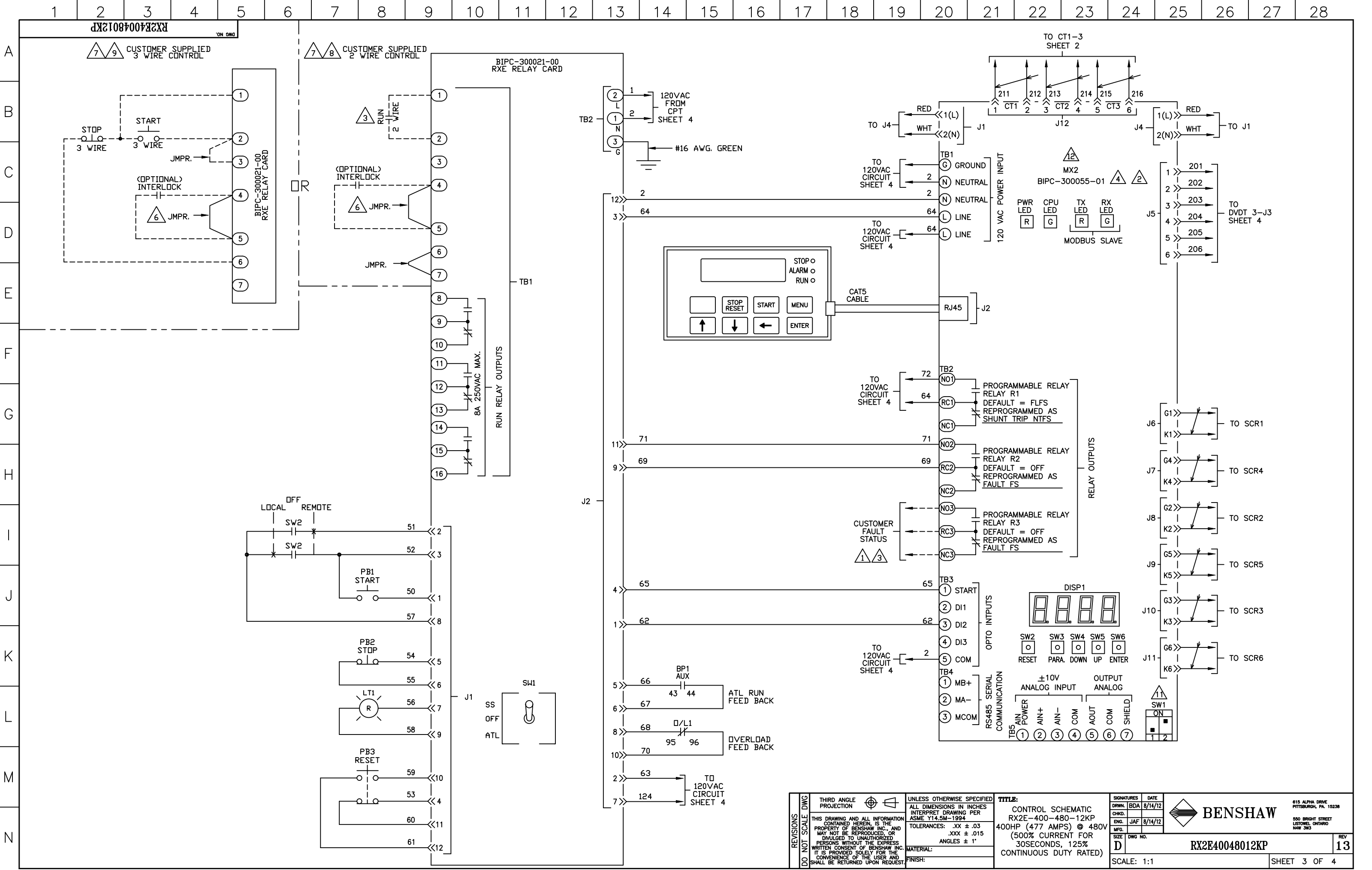




- NOTES**
- 1. FAILSAFE FAULT RELAY SHOWN IN DE-ENERGIZED STATE. RELAY WILL ENERGIZE WHEN CONTROL POWER IS APPLIED TO CONTROL CARD, AND WILL REMAIN ENERGIZED WHEN NO FAULTS ARE PRESENT. RELAY WILL DE-ENERGIZE WHEN A FAULT OCCURS, OR IF CONTROL POWER IS REMOVED FROM THE CARD
 - 2. REFER TO INSTRUCTION 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

TIGHTENING TORQUE SPECIFICATIONS FOR HEX HEAD SCREWS		
BOLT SIZE	BOLTS - GRADE 5	
SAE	(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 TOLERANCES: .XX ± .03 .XXX ± .015 ANGLES ± 1°	TITLE: POWER SCHEMATIC RX2E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN. BDA 8/14/12 CHKD. JAF 8/14/12 ENG. JAF 8/14/12 MFG.	DATE	 615 ALPHA DRIVE PITTSBURGH, PA. 15238 500 BRIGHT STREET LITTON, ONTARIO N4W 3W3
	SIZE	DWG NO.	REV				
	D	RX2E40048012KP	13				
	SCALE: 1:1	SHEET 2 OF 4					



REVISIONS	DO NOT SCALE	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 RX2E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN. BDA 8/14/12 CHKD. JAF 8/14/12 ENG. JAF 8/14/12 MFG.	DATE 8/14/12	 615 ALPHA DRIVE PITTSBURGH, PA. 15238 500 BRIGHT STREET LUTOWEL, ONTARIO N4W 3W3
	DO NOT SCALE	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 RX2E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN. BDA 8/14/12 CHKD. JAF 8/14/12 ENG. JAF 8/14/12 MFG.	DATE 8/14/12	
	DO NOT SCALE	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 RX2E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN. BDA 8/14/12 CHKD. JAF 8/14/12 ENG. JAF 8/14/12 MFG.	DATE 8/14/12	
	DO NOT SCALE	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 RX2E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN. BDA 8/14/12 CHKD. JAF 8/14/12 ENG. JAF 8/14/12 MFG.	DATE 8/14/12	
	DO NOT SCALE	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 RX2E-400-480-12KP 400HP (477 AMPS) @ 480V (500% CURRENT FOR 30SECONDS, 125% CONTINUOUS DUTY RATED)	SIGNATURES DRWN. BDA 8/14/12 CHKD. JAF 8/14/12 ENG. JAF 8/14/12 MFG.	DATE 8/14/12	
SCALE: 1:1					SHEET 3 OF 4		REV 13

