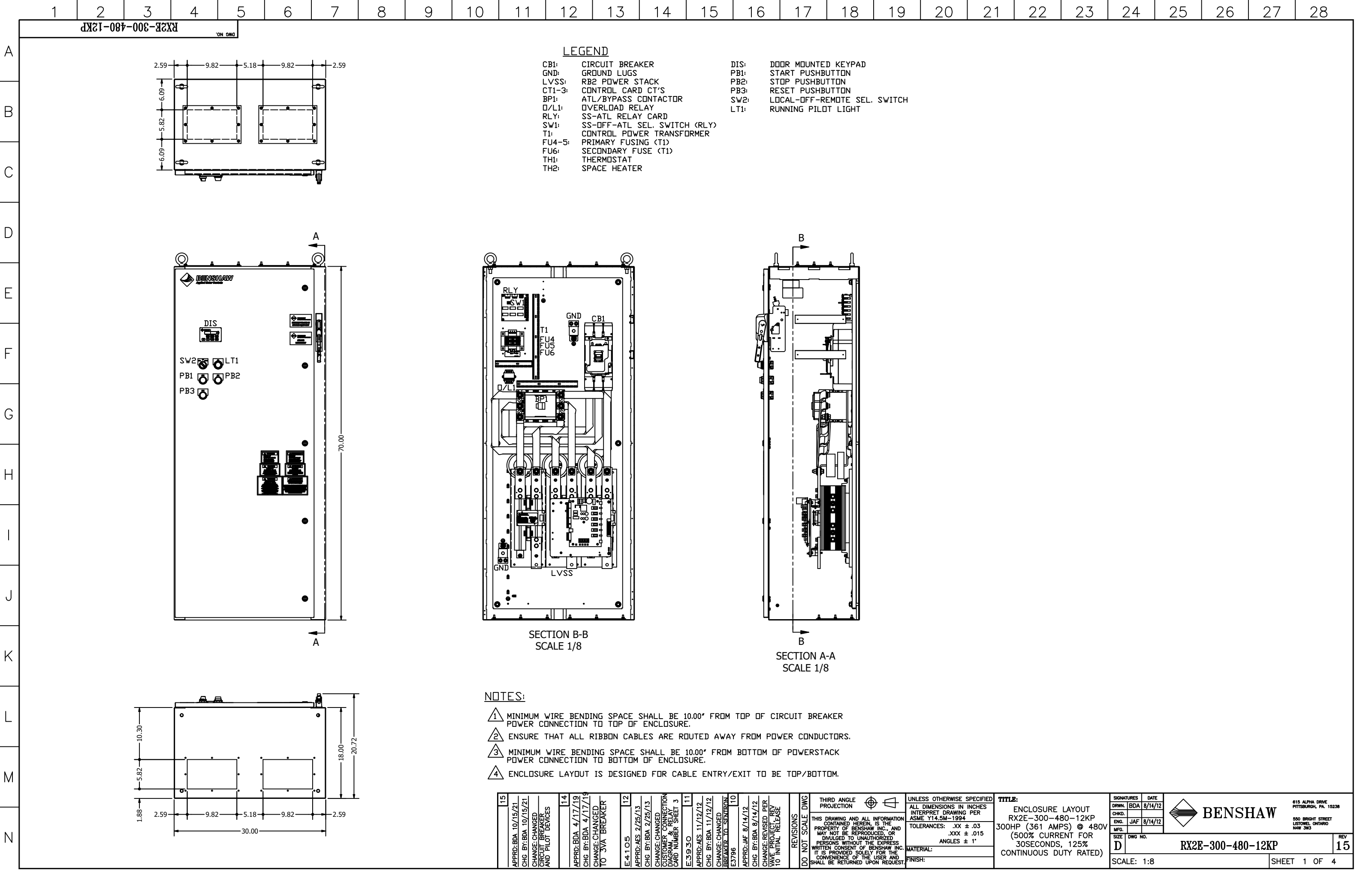




LEGEND

- |        |                              |      |                              |
|--------|------------------------------|------|------------------------------|
| CB1:   | CIRCUIT BREAKER              | DIS: | DOOR MOUNTED KEYPAD          |
| GND:   | GROUND LUGS                  | PB1: | START PUSHBUTTON             |
| LVSS:  | RB2 POWER STACK              | PB2: | STOP PUSHBUTTON              |
| CT1-3: | CONTROL CARD CT'S            | PB3: | RESET PUSHBUTTON             |
| BP1:   | ATL/BYPASS CONTACTOR         | SW2: | LOCAL-OFF-REMOTE SEL. SWITCH |
| D/L1:  | OVERLOAD RELAY               | LT1: | RUNNING PILOT LIGHT          |
| RLY:   | SS-ATL RELAY CARD            |      |                              |
| SW1:   | SS-OFF-ATL SEL. SWITCH (RLY) |      |                              |
| T1:    | CONTROL POWER TRANSFORMER    |      |                              |
| FU4-5: | PRIMARY FUSING (T1)          |      |                              |
| FU6:   | SECONDARY FUSE (T1)          |      |                              |
| TH1:   | THERMOSTAT                   |      |                              |
| TH2:   | SPACE HEATER                 |      |                              |

SECTION B-B  
SCALE 1/8

SECTION A-A  
SCALE 1/8

NOTES:

- 1 MINIMUM WIRE BENDING SPACE SHALL BE 10.00" 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 10.00" FROM BOTTOM OF POWERSTACK POWER CONNECTION TO BOTTOM OF ENCLOSURE.
- 4 ENCLOSURE LAYOUT IS DESIGNED FOR CABLE ENTRY/EXIT TO BE TOP/BOTTOM.

|            |                                                                                                         |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
|------------|---------------------------------------------------------------------------------------------------------|--|----|---------------------------------------------------------------------------------|--|----|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|---------------------------------------------------------------------------------------------------------|--|----|-------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|------|-----------|---------|-------|--|----------|---------|------|--|---------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--|
| 15         | APPRD: BDA 10/15/21<br>CHG: BY: BDA 10/15/21<br>CHANGE: CHANGED<br>CIRCUIT BREAKER<br>AND PILOT DEVICES |  | 14 | APPRD: BDA 4/17/19<br>CHG: BY: BDA 4/17/19<br>CHANGE: CHANGED<br>TO 3VA BREAKER |  | 12 | E4105<br>APPRD: AES 2/25/13<br>CHG: BY: BDA 2/25/13<br>CHANGE: CHANGED<br>CIRCUIT BREAKER<br>TO 3VA BREAKER<br>DIAGRAM & RELAY<br>CARD NUMBER SHEET 3 |  | 11 | E3930<br>APPRD: AES 11/12/12<br>CHG: BY: BDA 11/12/12<br>CHANGE: CHANGED<br>BREAKER TO SENTRON<br>E3796 |  | 10 | APPRD: JAF 8/14/12<br>CHG: BY: BDA 8/14/12<br>CHANGE: REVISED PER<br>WAVE PROJECT REV<br>10 INITIAL RELEASE |  | REVISIONS<br>DO NOT SCALE DWG |  | THIRD ANGLE<br>PROJECTION<br><br>THIS DRAWING AND ALL INFORMATION<br>CONTAINED HEREIN, IS THE<br>PROPERTY OF BENSCHAW INC., AND<br>MAY NOT BE REPRODUCED, OR<br>DIVULGED TO UNAUTHORIZED<br>PERSONS WITHOUT THE EXPRESS<br>WRITTEN CONSENT OF BENSCHAW INC.<br>IT IS PROVIDED SOLELY FOR THE<br>CONVENIENCE OF THE USER AND<br>SHALL BE RETURNED UPON REQUEST. |              | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS IN INCHES<br>INTERPRET DRAWING PER<br>ASME Y14.5M-1994<br>TOLERANCES: .XX ± .03<br>.XXX ± .015<br>ANGLES ± 1°<br>MATERIAL:<br>FINISH: |  | TITLE:<br>ENCLOSURE LAYOUT<br>RX2E-300-480-12KP<br>300HP (361 AMPS) @ 480V<br>(500% CURRENT FOR<br>30SECONDS, 125%<br>CONTINUOUS DUTY RATED) |  | <table><tr><td>SIGNATURES</td><td>DATE</td></tr><tr><td>DRWN: BDA</td><td>8/14/12</td></tr><tr><td>CHKD:</td><td></td></tr><tr><td>ENG: JAF</td><td>8/14/12</td></tr><tr><td>MFG:</td><td></td></tr><tr><td>DWG NO.</td><td></td></tr></table> |  | SIGNATURES | DATE | DRWN: BDA | 8/14/12 | CHKD: |  | ENG: JAF | 8/14/12 | MFG: |  | DWG NO. |  |  <b>BENSCHAW</b><br>615 ALPHA DRIVE<br>PITTSBURGH, PA. 15238<br>500 BRIGHT STREET<br>LITTON, ONTARIO<br>N4W 3W3 |  | REV<br>15 |  |
| SIGNATURES | DATE                                                                                                    |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
| DRWN: BDA  | 8/14/12                                                                                                 |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
| CHKD:      |                                                                                                         |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
| ENG: JAF   | 8/14/12                                                                                                 |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
| MFG:       |                                                                                                         |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
| DWG NO.    |                                                                                                         |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |
| SCALE: 1:8 |                                                                                                         |  |    |                                                                                 |  |    |                                                                                                                                                       |  |    |                                                                                                         |  |    |                                                                                                             |  |                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SHEET 1 OF 4 |                                                                                                                                                                                    |  |                                                                                                                                              |  |                                                                                                                                                                                                                                                |  |            |      |           |         |       |  |          |         |      |  |         |  |                                                                                                                                                                                                      |  |           |  |

