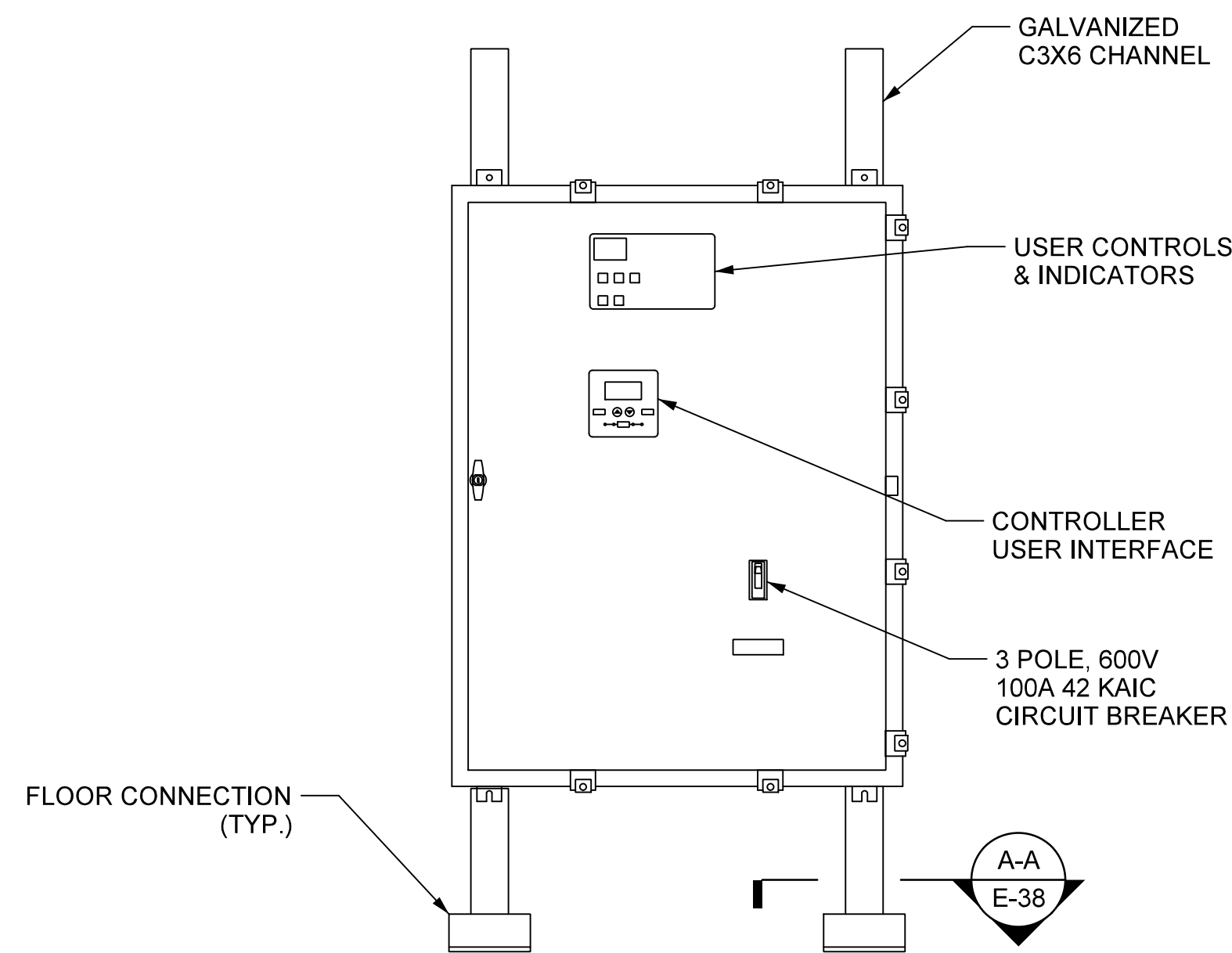
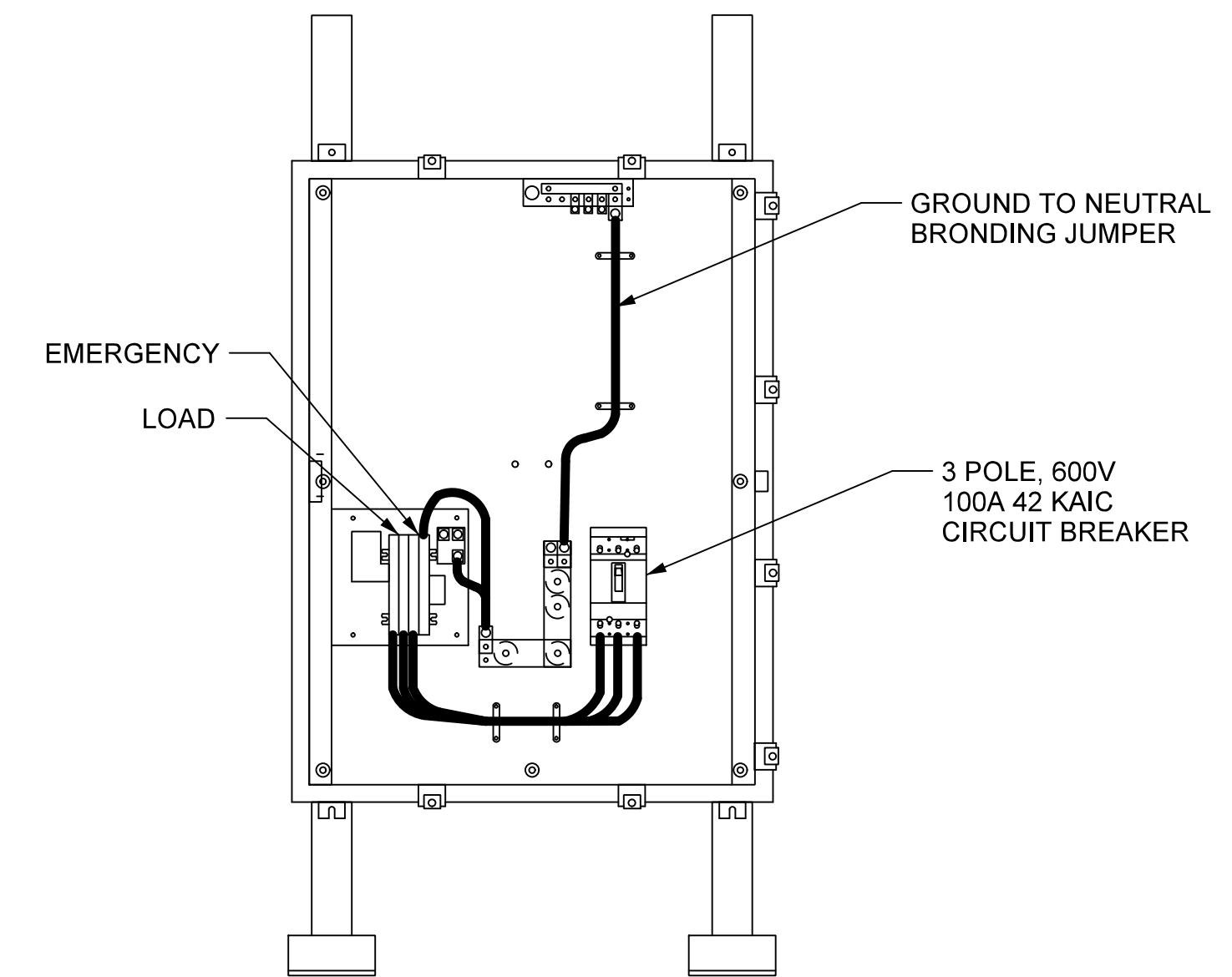


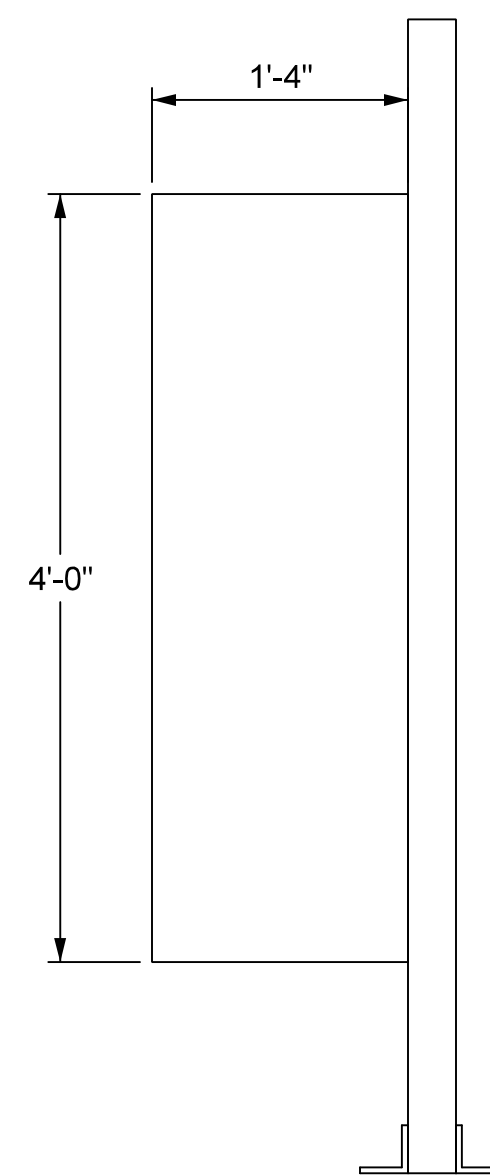
FRONT VIEW
SCALE: 1" = 1'-0"



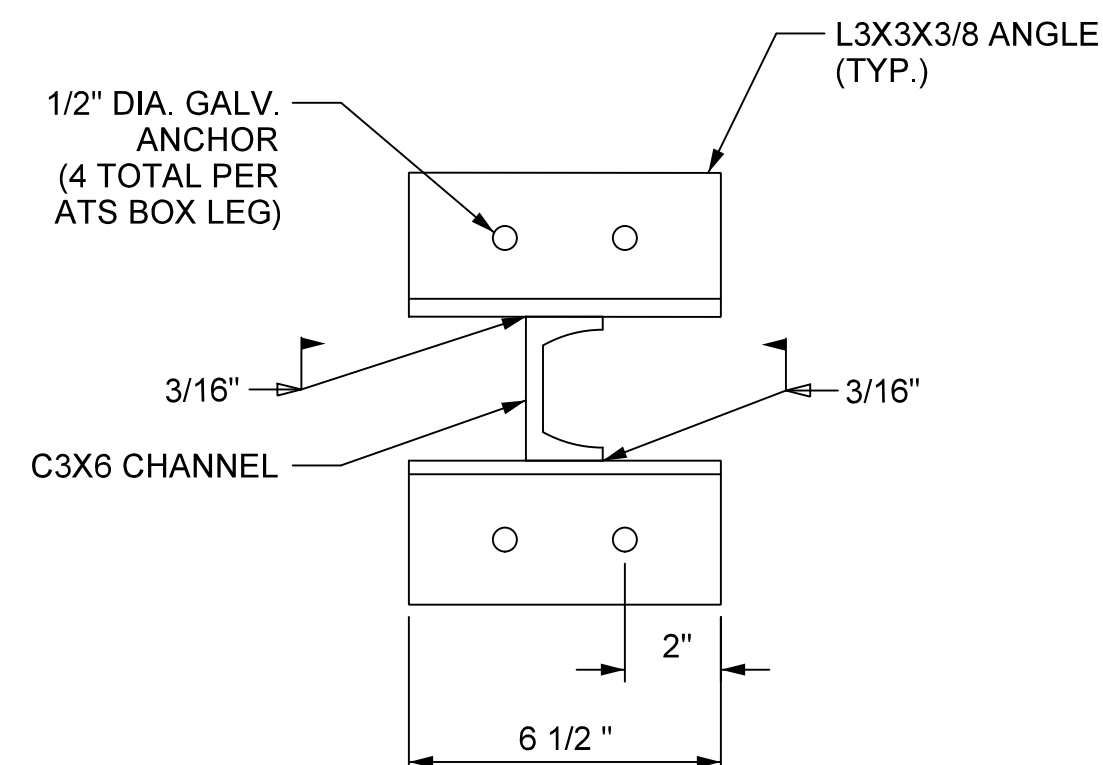
INNER DOOR FRONT VIEW
SCALE: 1" = 1'-0"



FRONT VIEW WITHOUT DOOR
SCALE: 1" = 1'-0"



SIDE VIEW
SCALE: 1" = 1'-0"



SECTION A-A
SCALE: 3" = 1'-0"

NOTES:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL THE AUTOMATIC TRANSFER SWITCH IN A S.S. NEMA-4X RATED ENCLOSURE.
2. THE AUTOMATIC TRANSFER SWITCH CONTROL MODULE SHALL BE OF ASCO SERIES 300 POWER TECHNOLOGIES MANUFACTURE OR ENGINEER APPROVED EQUAL.
3. THE SWITCH SHALL BE CONFIGURE TO AUTOMATICALLY TRANSFER THE LOAD CIRCUIT FROM THE UTILITY POWER SOURCE TO THE STANDBY GENERATOR SOURCE WHEN ANY PHASE OF THE UTILITY POWER SOURCE DROPS BELOW 85% AND SHALL AUTOMATICALLY RETRANSFER THE LOAD CIRCUIT TO THE UTILITY POWER SOURCE WHEN ALL PHASES ARE RESTORED TO 90% OR MORE OF RATED VOLTAGE FOR 30 MINUTES (ADJUSTABLE ON SITE). TRANSFER TO STANDBY GENERATOR SHALL NOT OCCUR UNTIL STANDBY GENERATOR VOLTAGE IS AT LEAST 90%.
4. THE CONTRACTOR SHALL CONSTRUCT A CUSTOM FABRICATED MOUNT USING GALVANIZED C- CHANNEL STRUT OR APPROVED EQUAL.

PROJECT NO. B-5936
TYRRELL COUNTY
BRIDGE NO: 7

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

AUTOMATIC TRANSFER SWITCH DETAILS

ALLIGATOR RIVER SWING SPAN

REVISIONS

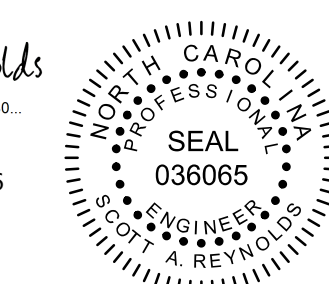
NO	BY	DATE	NO	BY	DATE
1			3		
2			4		

SHEET NO.
E-38
TOTAL SHEETS
51

DRAWN BY: _QIV DATE: 8/8/2016
CHECKED BY: _MJT DATE: 8/8/2016
DESIGN ENGINEER OF RECORD: _CHS DATE: 8/8/2016



DocuSigned by:
Scott Reynolds
9/14/2016



DWG NUMBER
54

TOTAL DWGS
90

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED