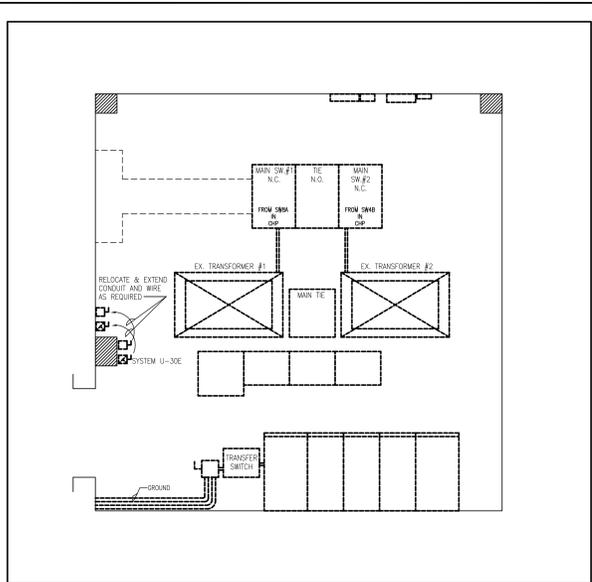
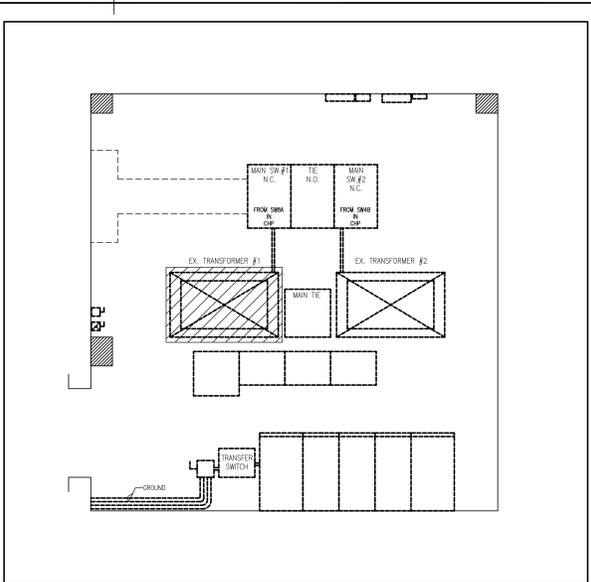


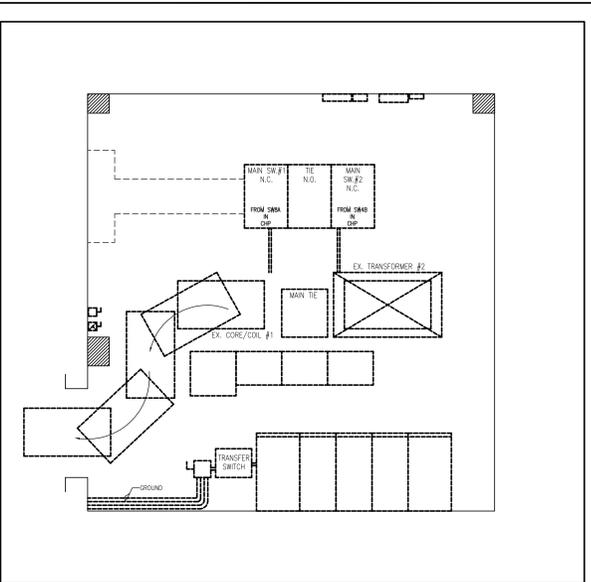
1 EXISTING ELECTRICAL ROOM - PHASING DRAWING
150



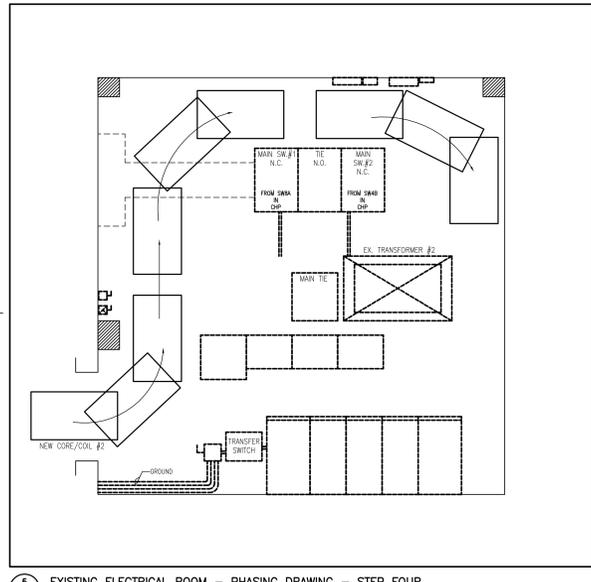
2 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP ONE
150



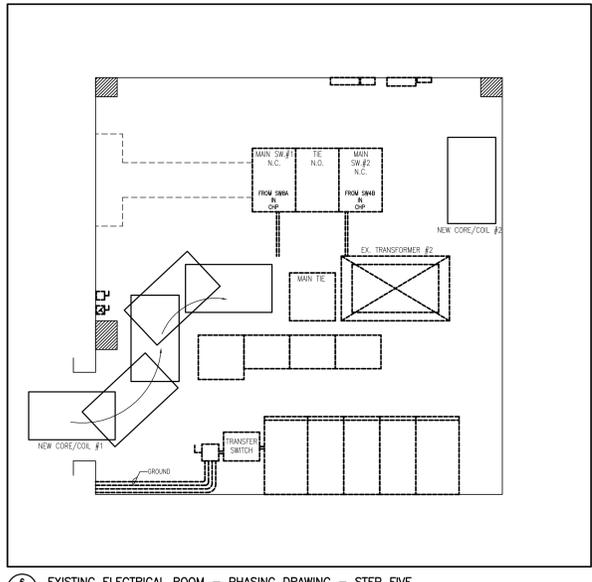
3 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP TWO
150



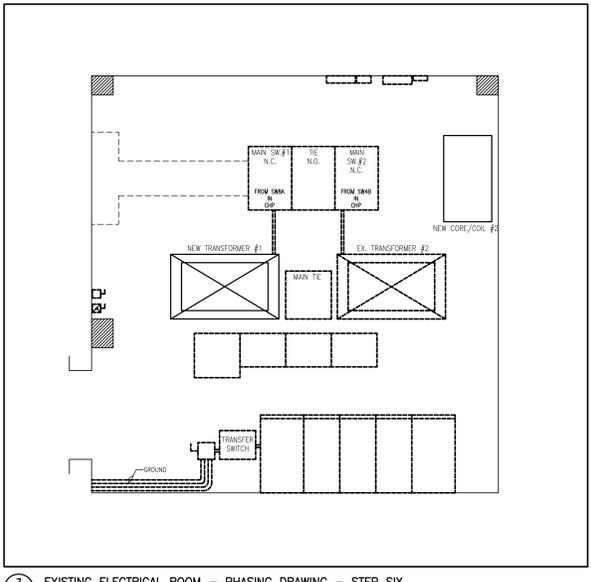
4 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP THREE
150



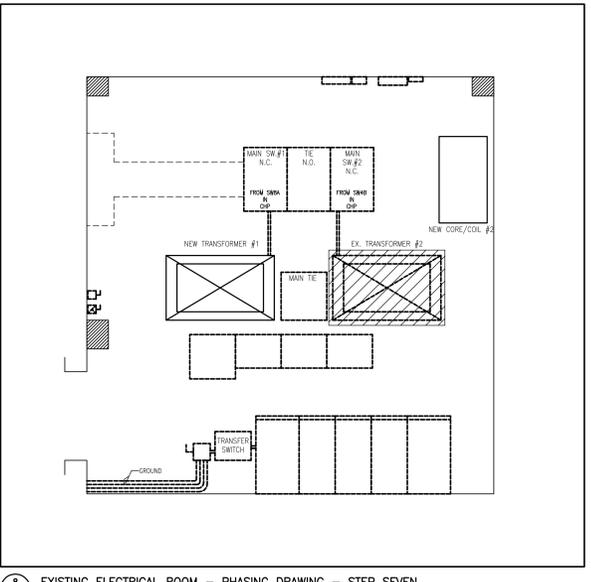
5 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP FOUR
150



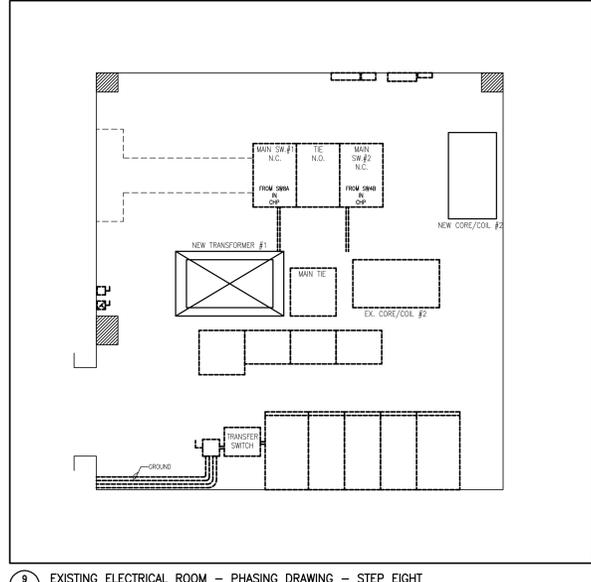
6 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP FIVE
150



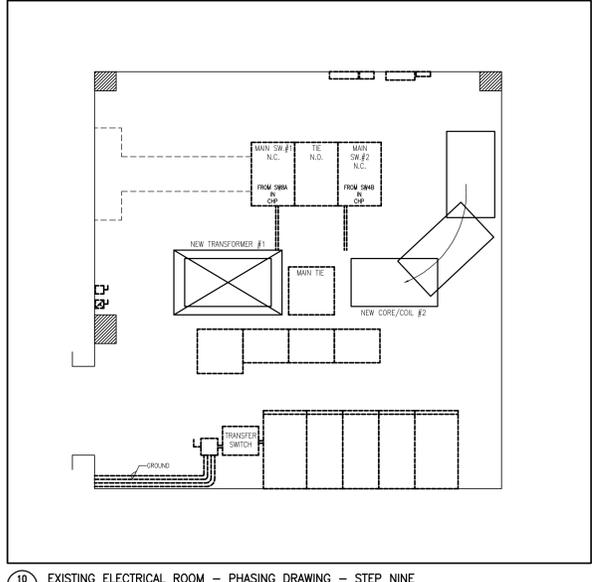
7 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP SIX
150



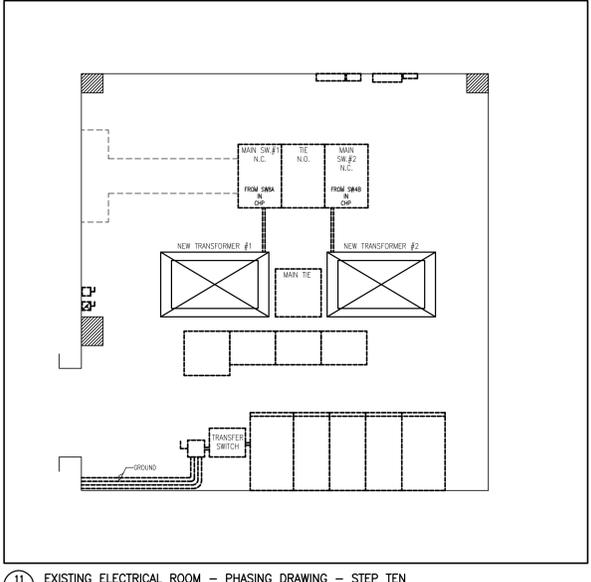
8 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP SEVEN
150



9 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP EIGHT
150



10 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP NINE
150



11 EXISTING ELECTRICAL ROOM - PHASING DRAWING - STEP TEN
150

PROPOSED INSTALLATION SEQUENCE

DETAIL 1: - EXISTING MAIN ELECTRICAL ROOM LAYOUT.
- EXTENDED FAN STARTER AND DISCONNECT SWITCH.
- EXTENDED CONDUIT AND WIRING AS REQUIRED.

DETAIL 2: - CONNECT TEMPORARY GENERATOR - 600V, 600V, 3Ø, 3W
- ONCE TEMPORARY GENERATOR IS CONNECTED,
TRANSFER LOAD INTO THE NON-ESSENTIAL DISTRIBUTION SYSTEM.

DETAIL 3: - ISOLATE TRANSFORMER #1 BY OPENING MAIN SW #1
(MAIN SW WILL AUTOMATICALLY CLOSE AND TRANSFER THE ESSENTIAL LOAD INTO TRANSFORMER #2).
- DISMANTLE TRANSFORMER #1, EXISTING ENCLOSURE AND EXISTING CORE/COOLS TO BE REMOVED SEPARATELY TO SUIT EXISTING SPACE REQUIREMENTS.

DETAIL 4: - BREAKDOWN EXISTING ENCLOSURE #1 AND REMOVE.
- REMOVE EXISTING CORE/COOLS #1 AS ONE PIECE.

DETAIL 5: - BRING IN NEW CORE/COOLS #2 INTO ELECTRICAL ROOM, WITHOUT ENCLOSURE, AND PARK IN TEMPORARY LOCATION. MAX SIZE OF NEW CORE/COOLS TO BE 72"Wx144"D (1828mmx1178mmx1016mmD).

DETAIL 6: - BRING IN NEW CORE/COOLS #1 INTO ELECTRICAL ROOM, WITHOUT ENCLOSURE, AND PARK IN TEMPORARY LOCATION. MAX SIZE OF NEW CORE/COOLS TO BE 72"Wx144"D (1828mmx1178mmx1016mmD).

DETAIL 7: - BUILD NEW ENCLOSURE #1 AROUND NEW CORE/COOLS #1. MAX SIZE OF NEW ENCLOSURE TO BE 80"Wx144"D (2032mmx1178mmx1016mmD).
- CLOSE MAIN SW #1, ENSURE AUTOMATIC MAIN TE OPENS AND ESSENTIAL LOADS ARE RE-CONNECTED TO TRANSFORMER #1.

DETAIL 8: - ISOLATE TRANSFORMER #2 BY OPENING MAIN SW #2 (MAIN SW WILL AUTOMATICALLY CLOSE AND TRANSFER THE NON-ESSENTIAL LOAD INTO TRANSFORMER #1).
- DISMANTLE TRANSFORMER #2, EXISTING ENCLOSURE AND EXISTING CORE/COOLS TO BE REMOVED SEPARATELY TO SUIT EXISTING SPACE REQUIREMENTS.

DETAIL 9: - BREAKDOWN EXISTING ENCLOSURE #2 AND REMOVE.
- EXISTING CORE/COOLS #2 TO BE BROKEN DOWN INTO THREE SEPARATE SECTIONS AND REMOVED.

DETAIL 10: - MOVE NEW CORE/COOLS #2 INTO FINAL POSITION.

DETAIL 11: - BUILD NEW ENCLOSURE #2 AROUND NEW CORE/COOLS #2.
- CLOSE MAIN SW #2, ENSURE AUTOMATIC MAIN TE OPENS AND NON-ESSENTIAL LOADS ARE RE-CONNECTED TO TRANSFORMER #2.
- DISCONNECT TEMPORARY GENERATOR FROM TRANSFORMER SWITCH AND REMOVE TEMPORARY GENERATOR.

12 PROPOSED INSTALLATION SEQUENCE
N.T.S.

revision	description	date
01	Issued for Tender	13/09/17
01	Issued for Review	13/08/26

Do not scale drawings.
Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

Detail No.	No. du détail
A	Detail no. - where detail required
B	Detail no. - detail single
C	Detail no. - where detailed

project title
BATH
MILLHAVEN INSTITUTION
BATH, ONTARIO

MAXIMUM HOUSING UNIT BUILDING "Y"
drawing title
MAIN ELECTRICAL ROOM
PROPOSED PHASING
FOR TRANSFORMER
INSTALLATIONS

designed by
L.WILLIAMS
designed by
L.WILLIAMS
approved by
B.TIBBS
checked by
KAREN_DURNFORD-MCINTOSH

project date
2013-08-19
project no.
R045116.003
drawing no.
E0.03