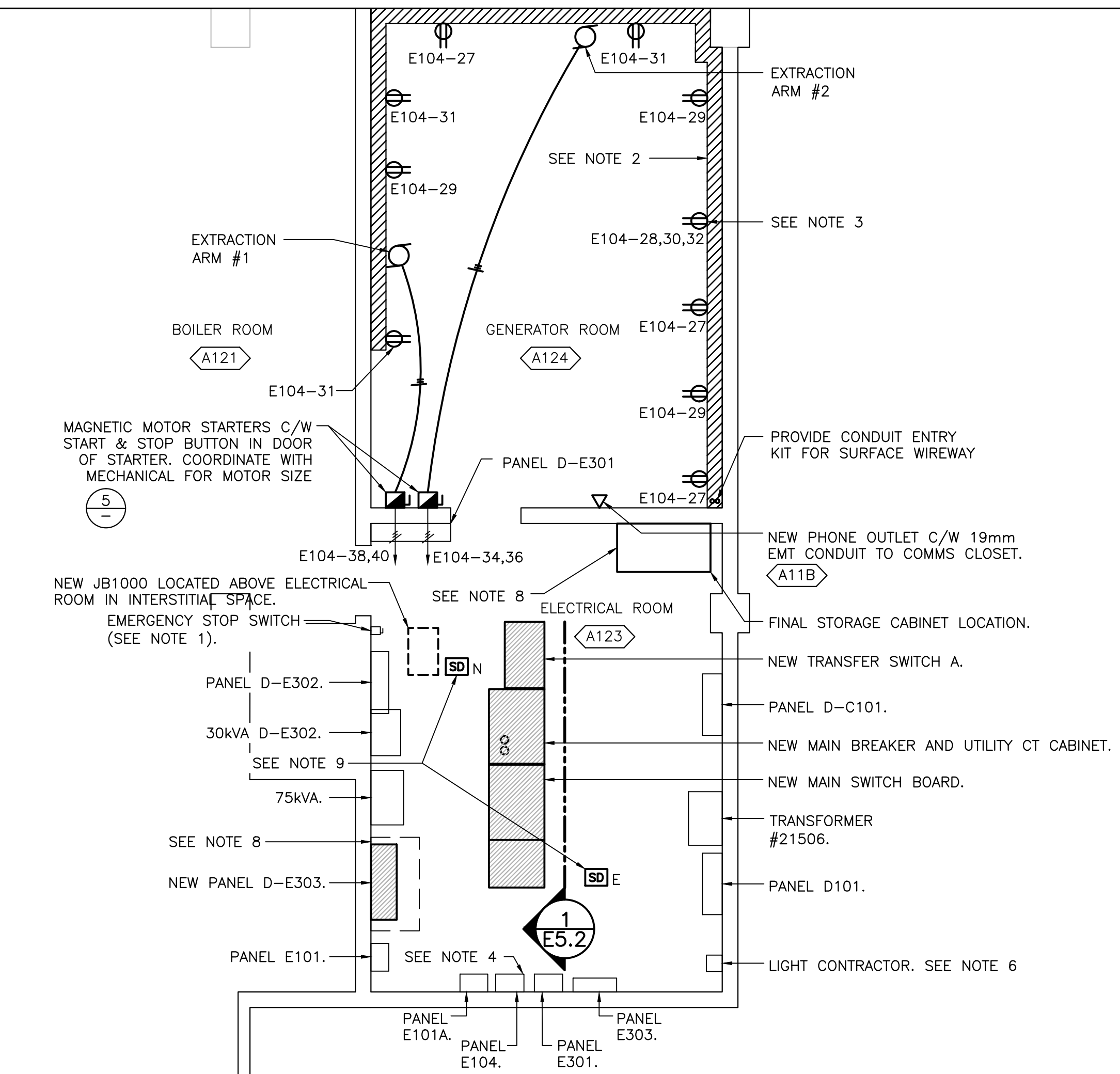
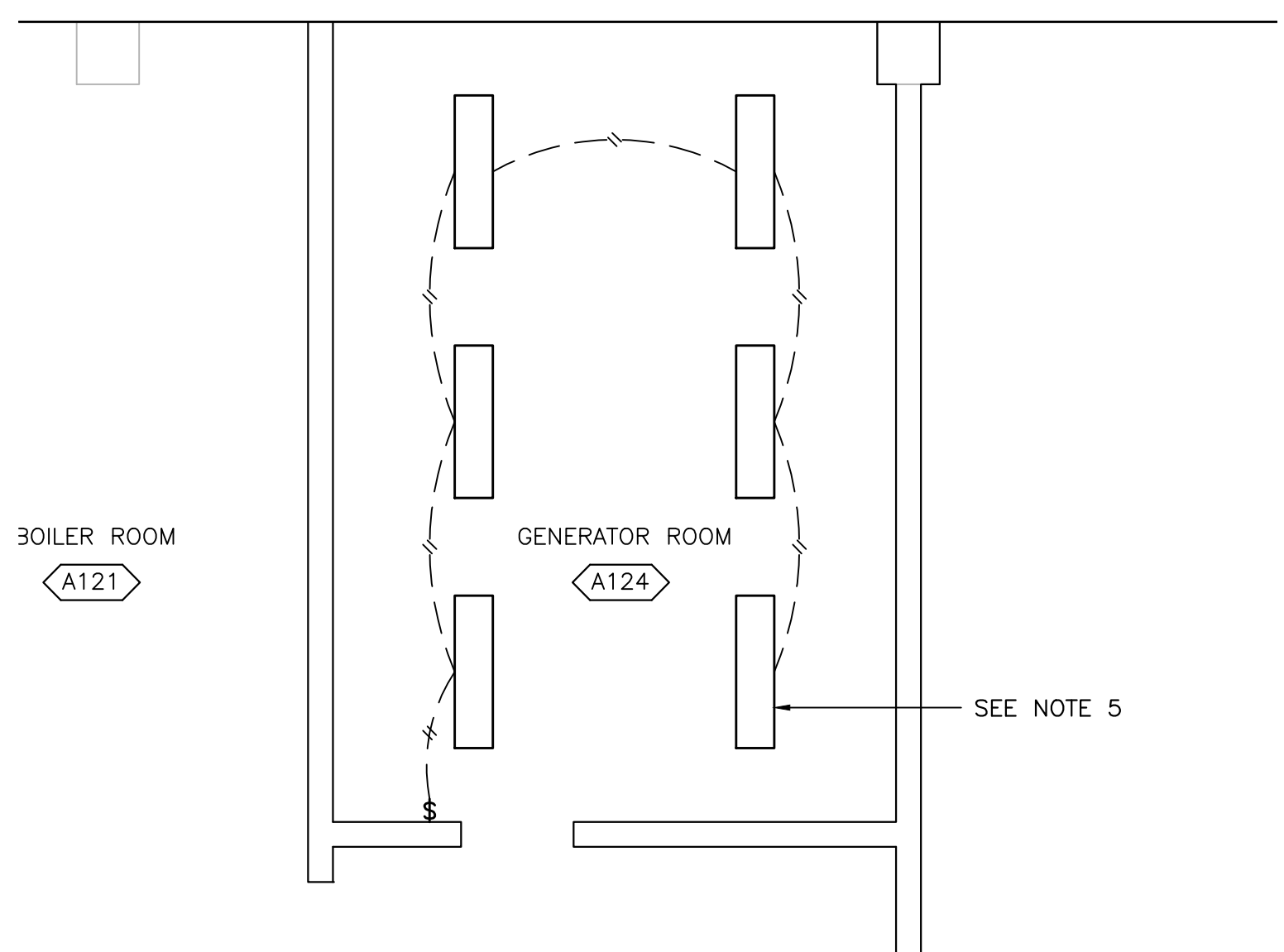


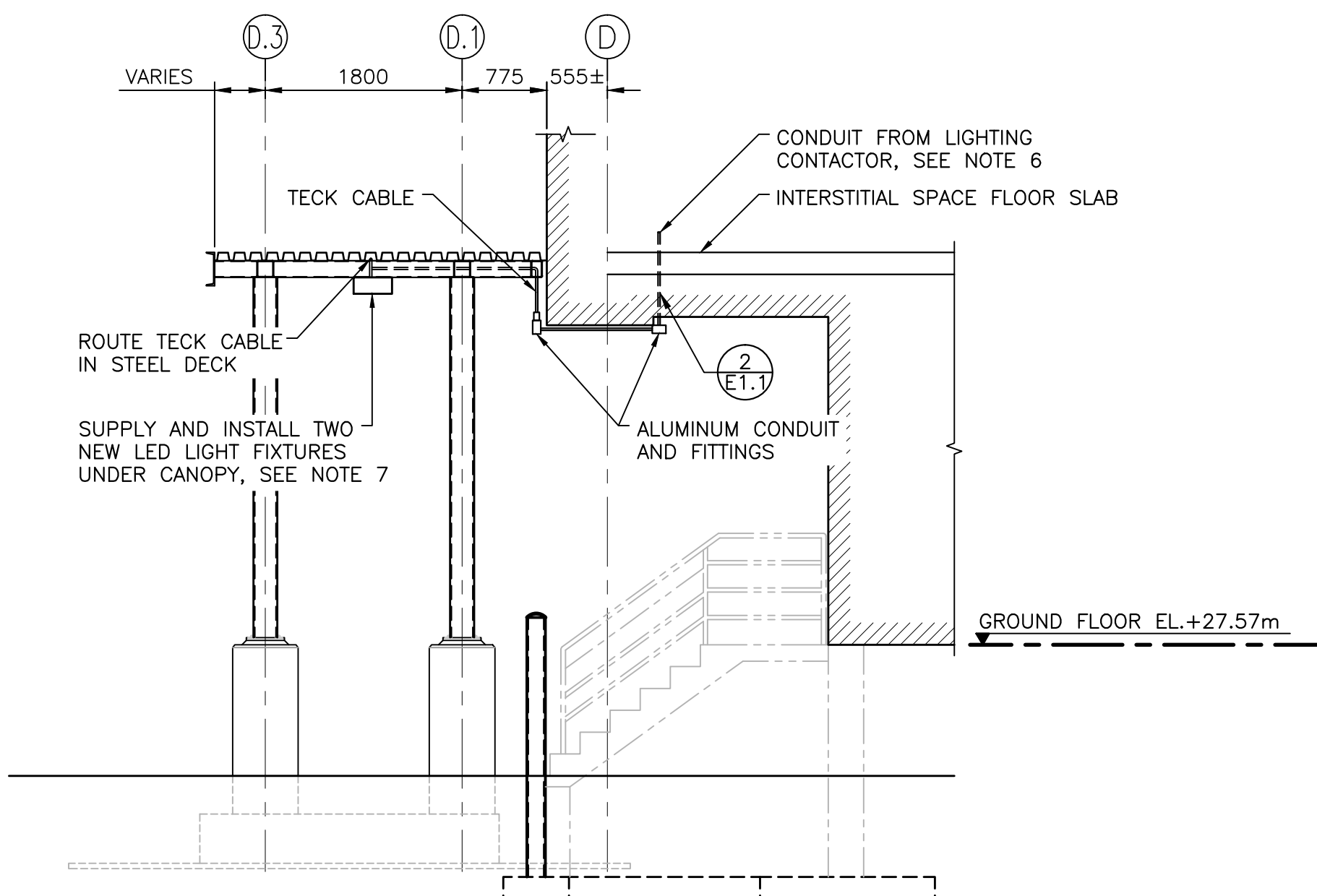
PLAN - EXISTING ELECTRICAL AND GENERATOR ROOM EQUIPMENT 1
 SHADED ITEMS ARE TO BE REMOVED. REFER TO SINGLE LINE DIAGRAM FOR ADDITIONAL DETAILS
 SCALE: 1:50



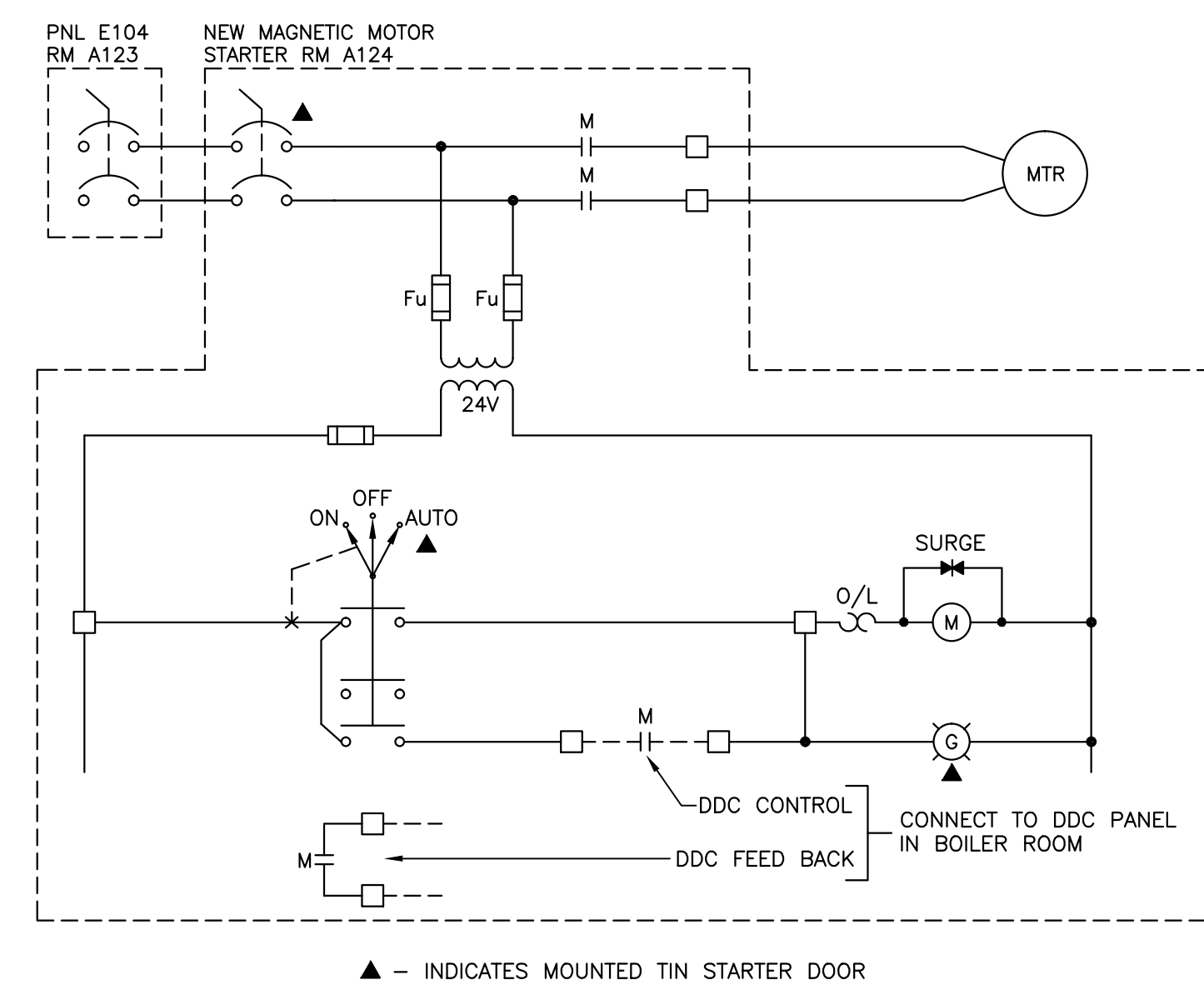
PLAN - REVISED ELECTRICAL AND GENERATOR ROOM EQUIPMENT 2
 SCALE: 1:50



PLAN - GENERATOR ROOM LIGHTING 3
 SCALE: 1:50

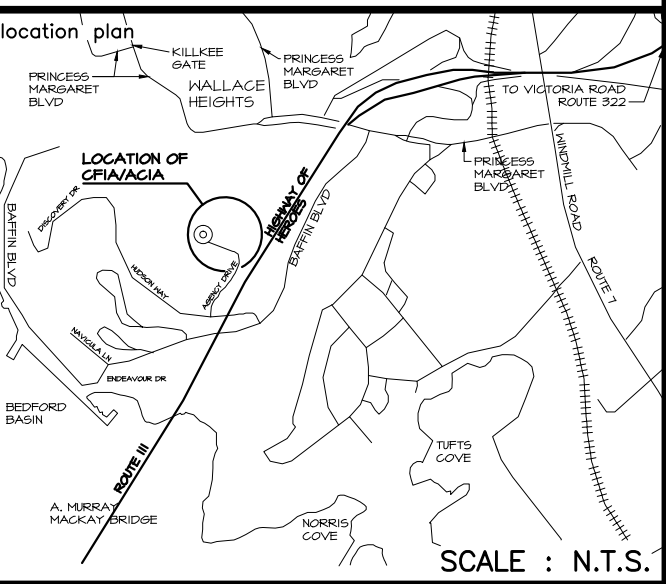


DETAIL - CANOPY LIGHTING 4
 SCALE : N.T.S.



SCHEMATIC - EXTRACTION ARM MOTOR STARTER 5

- NOTES:
- EXISTING GENERATOR EMERGENCY STOP SWITCH TO BE REMOVED INCLUDING CONDUIT AND CONDUCTOR BACK TO EXISTING GENERATOR.
 - SUPPLY AND INSTALL METALLIC SURFACE RACEWAY ON THREE OF THE FOUR WALLS IN THE GENERATOR ROOM. SURFACE RACEWAY TO HAVE A RECTANGULAR CROSS SECTION WITH 125mm WIDE x 50mm DEEP. PROVIDE ALL NECESSARY ADAPTORS AND FITTINGS FOR COMPLETE INSTALLATION. INSTALL NEW RECEPTACLES IN NEW RACEWAY SYSTEM.
 - SUPPLY AND INSTALL ONE THREE PHASE, 20A, TWIST-LOCK RECEPTACLE.
 - SUPPLY AND INSTALL THE FOLLOWING NEW BREAKERS IN EXISTING FPE NBLP PANELBOARD E104:
 QTY-4, 1P, 20A
 QTY-1, 3P, 20A
 QTY-2, 2P, 20A
 QTY-1, 3P, 60
 - REMOVE THE FLUORESCENT FIXTURES FROM THE EXISTING GENERATOR ROOM AND SALVAGE THE TWO METALUX #4 SNLED LD444SLW 347 L840 C01 FIXTURES. SUPPLY FOUR NEW FIXTURES TO MATCH THE SALVAGED UNITS. INSTALL THE SIX FIXTURES ON CONTINUOUS UNISTRUT PLUMB AND TRUE. INSTALL AT HIGHEST ELEVATION POSSIBLE.
 - SUPPLY AND INSTALL 2C#12RW90+BOND IN 19mm C BETWEEN EXISTING LIGHTING CONTACTOR AND NEW CANOPY LIGHTS AT LOADING DOCK. ROUTE CONDUIT THROUGH INTERSTITIAL SPACE. SEE DETAIL 4/E2.0.
 - SUPPLY AND INSTALL TWO 6000 LUMEN 347 VOLT LED SURFACE MOUNTED LED CANOPY LIGHT FIXTURE WITH WHITE FINISH AND ALUMINUM HOUSING.
 - RELOCATE STORAGE CABINET TO OPPOSITE SIDE OF ROOM.
 - SUPPLY AND INSTALL SECOND ADDRESSABLE SIMPLEX SMOKE DETECTOR IN ELECTRICAL ROOM A123. PROGRAM THE ROOM SMOKE DETECTORS SUCH THAT ONE DETECTOR WILL CAUSE A TROUBLE SIGNAL AND ONLY TWO OF TWO WILL CAUSE AN ALARM INITIATION. UPDATE FIRE ALARM CONFIGURATIONS, GRAPHIC AND PROVIDE VERIFICATION REPORT ON NEW INSTALLATION.



0 ISSUED FOR TENDER 04/29/2016
 revisions date
 project CFIA LABORATORY WALL CLADDING, ROOFING AND GENERATOR REPLACEMENT DARTMOUTH, N.S. project
 drawing design

ELECTRICAL FLOOR PLAN
 ELECTRICAL &
 GENERATOR ROOMS

designed R. O'CONNOR conçu
 date OCTOBER 2015
 drawn J. CAMPBELL dessiné
 date OCTOBER 2015
 approved — approuvé
 date
 Tender Soumission
 PWGSC Project Manager Administrateur de projets TP50C
 project number no. du projet
H0014
 drawing no. no. du dessin
E2.0