

1  
E-1  
ELECTRICAL SITE PLAN  
1 : 400

**NOTES:**

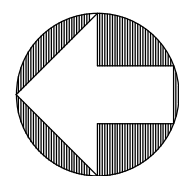
1. PROVIDE POWER FOR TEMPORARY HEATING FROM EMERGENCY POWER SOURCE. ELECTRICAL CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR TO DETERMINE SIZE AND QUANTITY OF SERVICES. ELECTRICAL CONTRACTOR TO DETERMINE AVAILABLE ELECTRICAL CAPACITY.
2. ALL EXISTING FIRE RATINGS TO BE MAINTAINED. PROVIDE FIRESTOPPING AT ALL EXISTING AND NEW PENETRATIONS IN FIRE RATED WALLS.
3. ELECTRICITRICAL CONTRACTOR TO BE RESPONSIBLE FOR DEMOLITION AND NEW ELECTRICAL POWER ASSOCIATED TO BOILERS AND ASSOCIATED MECHANICAL EQUIPMENT.
4. RELOCATE ANY FIRE ALARM DEVICE, CONDUITS AND EQUIPMENT CONFLICTING WITH NEW WORK ON THIS PROJECT. INFORM DEPARTMENTAL REPRESENTATIVE BEFORE COMMENCING ANY FIRE ALARM WORK. PROVIDE FIRE ALARM VERIFICATION OF LOOPS AFFECTED TO THIS PROJECT.
5. ELECTRICAL CONTRACTOR TO PROVIDE SEQUENCE OF SITE WORK ACTIVITIES AND OBTAIN APPROVAL IN WRITING BEFORE COMMENCING ANY WORK. ENSURE ALL SHUT DOWNS ARE KEPT TO THE MINIMUM.
6. SITE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
  - a. LOCATE SERVICES C/W CERTIFICATION.
  - b. RELOCATION OF EXISTING CONFLICTING BUILDING COMPONENTS NEAR CSB AND ATB BUILDINGS.
  - c. SITE COORDINATION OF NEW AND EXISTING U/G SERVICES.

**GENERAL NOTES:**

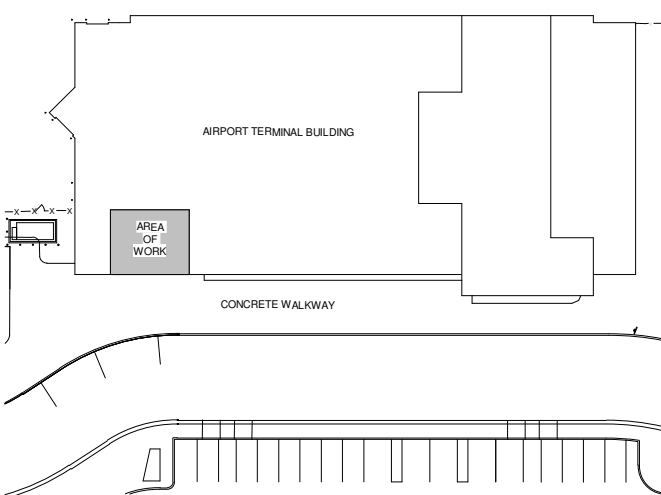
1. ELECTRICAL ITEMS SHOWN DOTTED ARE EXISTING AND SHALL REMAIN OR BE RELOCATED AS NOTED. ITEMS MARKED WITH ASTERISK (\*) SHALL BE DISCONNECTED AND REMOVED. EXTEND WIRING FOR ALL RELOCATED ITEMS.
2. ELECTRICAL CONTRACTOR SHALL EXTEND, RE-ROUTE, RE-WIRE AND RECONNECT ALL RELOCATED ELECTRICAL ITEMS INDICATED OR NOT ON DRAWINGS.
3. ALL EXTERIOR WALL PENETRATIONS TO BE MADE WATER-PROOF AND FIRE-PROOF WITH DOW CORNING RTV FOAM OR CONSULTANT APPROVED EQUIVALENT.
4. CONFLICTING WIRING DEVICES AND CONDUIT IN CSB AND ATB BUILDINGS REQUIRED TO REMAIN IN USE FOR ANY REASON SHALL BE RE-ROUTED, ALTERED AND/OR DIVERTED BY ELECTRICAL CONTRACTOR IN AN APPROVED MANNER. ANY BRANCH CIRCUIT WIRING FOR ANY SYSTEM NO LONGER REQUIRED TO REMAIN IN USE SHALL BE REMOVED, OR IF THIS IS NOT POSSIBLE RENDERED PERMANENTLY IN ACCESSIBLE AND COMPLETELY DISCONNECTED FROM ITS SOURCE. CAP EXISTING WIRING/CONDUIT BELOW GRADE AND LABEL WITH STANDARD BUILDING LABELING.
5. PROVIDE 21mm THICK PLYWOOD BACKBOARD FOR NEW EQUIPMENT MOUNTED ON WALL. BOARD TO BE PRINTED WITH FIRE RATED INTUMESCENT PRODUCT.
6. TURN OVER ALL SALVAGED ITEMS TO OWNER AT DESIGNATED LOCATION INDICATED BY DEPARTMENTAL REPRESENTATIVE.
7. ELECTRICAL CONTRACTOR SHALL ARRANGE WITH NEWFOUNDLAND HYDRO, DEPARTMENTAL REPRESENTATIVE AND CONSULTANT FOR SHUTDOWNS TO OCCUR DURING AFTER HOURS OPERATION. MINIMIZE SERVICE INTERRUPTION. NOTE: ANY SHUTDOWN BEYOND 8 HOURS THE CONTRACTOR TO PROVIDE TEMPORARY PORTABLE POWER CONNECTION (GENERATOR) TO POWER UP THE DEPARTMENTAL REPRESENTATIVE DESIGNATED CRITICAL LOAD.
8. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE REQUIRED WORK.

**SYMBOL SCHEDULE**

SYMBOL	DESCRIPTION
---	LINETYPE DENOTES EXISTING
E	DENOTES EXISTING TO REMAIN
D	DENOTES EXISTING TO BE DEMOLISHED
ER	DENOTES EXISTING DEVICE TO BE RELOCATED
R	DENOTES EXISTING RELOCATED DEVICE
RR	DENOTES EXISTING EQUIPMENT TO BE REMOVED AND RE-INSTALLED
— —	STRIP LUMINAIRE
\$	SINGLE GANG SWITCH
⌚	DUPLEX RECEPTACLE
● □	MOTOR CONNECTION C/W DISCONNECT
□	DISCONNECT SWITCH
⌚	EMERGENCY LIGHTING BATTERY BANK C/W DUAL REMOTE HEADS
EXIT	GREEN PICTOGRAM EXIT SIGNAGE
H	FIRE ALARM HEAT DETECTOR
S	FIRE ALARM SMOKE DETECTOR
H S	FIRE ALARM HORN/STROBE
□	ELECTRICAL PANEL BOARD
□	CARD READER
●	BOILER EMERGENCY SHUT-OFF BUTTON
— —	TRANSFORMER



APPROX. NORTH



revisions	project	date
3	ISSUED FOR CONSTRUCTION	2022-05-17
2	99% CONSTRUCTION DOCUMENT	2021-08-06
1	50% DESIGN SUBMISSION	2021-05-28

project	project
---------	---------

**Wabush - ATB Boiler Upgrade**  
**Wabush Airport Terminal Building (ATB)**

drawing dessin

**ELECTRICAL SITE PLAN AND SYMBOL SCHEDULE**

designed conçu

BC

drawn dessiné

RD

approved approuvé

HCC

Tender Soumission

PSPC Project Manager Administrateur de projets TPSGC

project no. no. du project

R111141.001

drawing no. no. du dessin

E-1