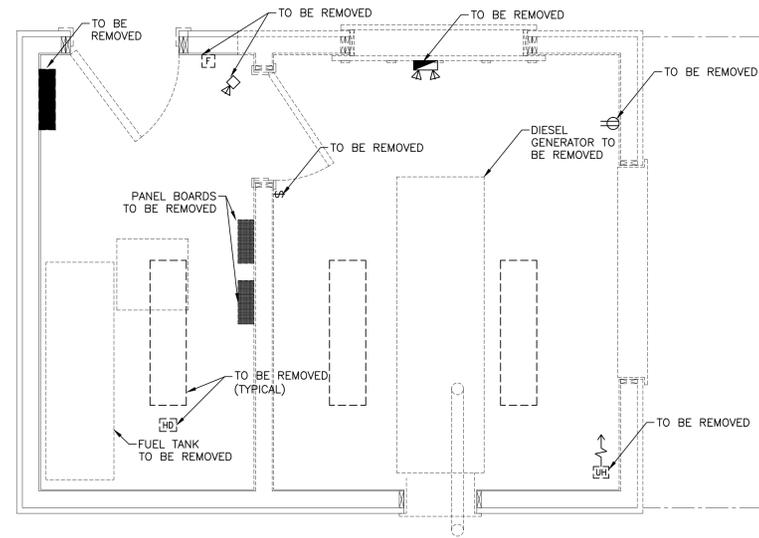


ELECTRICAL LEGEND			
POWER AND TELECOMM.		SYSTEMS	
	5-15R DUPLEX RECEPTACLE		SMOKE DETECTOR
	TOGGLE-TYPE MANUAL STARTER SWITCH		ADDRESSABLE INTERFACE MODULE (FIRE ALARM SYSTEM)
	DIRECT ELECTRICAL CONNECTION		SUPERVISED VALVE
	NON-FUSED DISCONNECT SWITCH		SUPERVISED FLOW SWITCH
	SINGLE PHASE MOTOR		SUPERVISED PRESSURE SWITCH
	THREE PHASE MOTOR		DOOR CONTACT
	TRANSFORMER		KEYPAD
	UNIT HEATER		ADDRESSABLE MODULE (SECURITY SYSTEM)
	TRANSIENT VOLTAGE SURGE SUPPRESSION		HEAT DETECTOR
	120VAC DAMPER ACTUATOR (SUPPLIED BY MECHANICAL)	SINGLE LINE DIAGRAM	
	SURFACE MOUNTED PANEL		CURRENT TRANSFORMER WITH POTENTIAL TRANSFORMER
	MISCELLANEOUS EQUIPMENT		PANEL
	CONTROL PANEL		BREAKER
	JUNCTION BOX		METERING
	UNIT HEATER (SUPPLIED BY MECHANICAL)		TRANSFORMER
	TRANSITION TO UNDERGROUND CONDUIT		ISOLATION TRANSFORMER
LIGHTING			GENERATOR
	LINE VOLTAGE SWITCH	SITE PLAN	
	PENDANT MOUNTED LIGHT FIXTURE (TYPE AS INDICATED)		EXISTING WATER LINE
	SURFACE MOUNTED LIGHT FIXTURE (TYPE AS INDICATED)		EXISTING SANITARY LINE
	EXTERIOR WALL MOUNTED LIGHT FIXTURE (TYPE AS INDICATED)		EXISTING SEWER LINE
	WALL MOUNTED EMERGENCY BATTERY UNIT		EXISTING ELECTRICAL UNDERGROUND CONDUIT
	WALL MOUNTED REMOTE UNIT		EXISTING TELECOMMUNICATIONS
	WALL MOUNTED EXIT LIGHT		NEW ELECTRICAL UNDERGROUND CONDUIT
	CEILING MOUNTED REMOTE UNIT		CONDUIT STUB UP

DETAIL NUMBER
 DRAWING WHERE DETAIL IS FOUND
 DRAWING WHERE DETAIL IS TAKEN

DRAWING LIST
E01 - LEGEND AND DEMO LAYOUT
E02 - SITE PLAN & DETAILS
E03 - POWER, SYSTEMS AND LIGHTING LAYOUTS
E04 - WELCOME CENTER AND BARN ELECTRICAL ROOM LAYOUT
E05 - SINGLE LINE DIAGRAM
E06 - SECTIONS AND DETAILS
E07 - RISER DIAGRAMS AND SCHEDULES

ANNOTATIONS
AFF - ABOVE FINISHED FLOOR
CLG - MOUNTED ON CEILING
FAA - FIRE ALARM ANNUNCIATOR
FAP - FIRE ALARM PANEL
LSI - ADJUSTABLE LONG-TIME, SHORT-TIME AND INSTANTANEOUS TRIP SETTINGS
LSIG - ADJUSTABLE LONG-TIME, SHORT-TIME, INSTANEOUS AND GROUND FAULT TRIP SETTINGS
TVSS - TRANSIENT VOLTAGE SURGE PROTECTION



GENERATOR BUILDING - DEMOLITION 1
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm

GENERAL DEMOLITION NOTES:

- FOR AREA SHOWN TO BE DEMOLISHED CONTRACTOR IS TO VERIFY ANY/ALL EXISTING ELECTRICAL INFRASTRUCTURE TO BE REMOVED OR RELOCATED TO FACILITATE CONSTRUCTION. EXTEND/TRIM CONDUIT AND WIRE OF ANY CONDUIT RUNS PASSING THROUGH WALL TO BE DEMOLISHED AS REQUIRED TO FACILITATE DEMOLITION AND CONSTRUCTION OF THE GENERATOR BUILDING.
- VISIT THE SITE OF THE WORK PRIOR TO SUBMITTING A TENDER AND BECOME FAMILIAR WITH ALL SCOPE AND CONDITIONS OF WORK. SUBMITTAL OF A TENDER INDICATES THAT THIS CONDITION HAS BEEN MET.
- DRAWINGS DO NOT NECESSARILY SHOW FULL EXTENT OF DEMOLITION.
- REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR EXTENT OF WORK AND COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF ANY WORK.
- DURING CONSTRUCTION, REMOVE AND CAREFULLY STORE ALL EXISTING FIXTURES, EQUIPMENT, ETC. TO REMAIN OR BE RELOCATED, AND RE-INSTALL AFTER CONSTRUCTION HAS BEEN COMPLETED.
- ANY BREAKERS NO LONGER REQUIRED AS A RESULT OF THIS WORK ARE TO BE RE-LABELED AS 'SPARE'.
- RE-SUPPORT EXISTING CONDUITS AS REQUIRED.
- CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR ALL EXISTING DEVICES AS REQUIRED DURING CONSTRUCTION. IF DISCONNECTION OF EXISTING DEVICES IS NECESSARY, CONTRACTOR SHALL REINSTATE SAME TO THE REQUIREMENTS OF THE SPECIFICATION.
- EXTEND/TRIM CONDUCTORS AS REQUIRED TO SUIT EQUIPMENT RELOCATION AND REMOVAL.
- CONTRACTOR MUST VERIFY EXTENT OF WORK AS WELL AS ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWINGS.
- CONTRACTOR TO PROVIDE BLANK COVER PLATES FOR EXISTING JUNCTION BOXES AS REQUIRED.
- DEMOLISH EXISTING ELECTRIC FIRE PUMP AND ALL ASSOCIATED ELECTRICAL EQUIPMENT AND WIRING/CONDUIT LOCATED IN MAIN HOUSE.
- ALL EXISTING ELECTRICAL EQUIPMENT, CONDUIT AND WIRING IN EXISTING GENERATOR BUILDING TO BE REMOVED.

The Association of Professional Engineers and the Province of Prince Edward Island
 Valid since the Year 2020
 Randy O'Connor
 No. 1275
 DATE: JAN. 17 2020
 LICENSED PROFESSIONAL ENGINEER
 Province of Prince Edward Island

0	ISSUED FOR TENDER	01.20.2020
revisions		date

project project

**GREEN GABLES-PHASE 4
 FIRE PROTECTION SYSTEM
 AND EMERGENCY POWER
 QUEENS CO., PEI**

drawing dessin
**ELECTRICAL
 LEGEND AND
 DEMO LAYOUT**

designed TGC	conçu
date NOV-2019	
drawn JCM	dessiné
date NOV-2019	
approved	approuvé
date	
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
R.081199.001	
drawing no.	no. du dessin
E01	