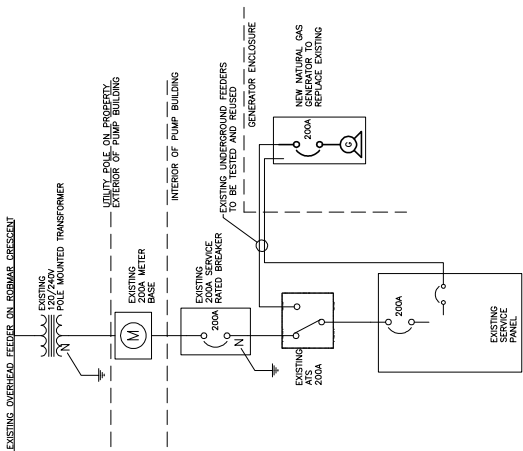




SITE PLAN
SCALE: NTS

NOTES:

- 1- CONTACT AND VERIFY FOR BELIEVE FEEDER FROM DISCONNECT AND WIRE TO BE REINSTALLED FROM BATTERY CHARGER AND HEATER. REMOVE EXISTING 6/16A DIESEL GENERATOR AND FEEDER TO BE REINSTALLED AS REQUIRED BY LOCAL AND REGIONAL STANDARDS AND REQUIREMENTS.
- 2- SUPPLY AND INSTALL NEW 400V NATURAL GAS STANDBY GENERATOR WITH 200A SERVICE BREAKER AND 200A METER. PROVIDE 4 CYLINDER 4.5L (3000RPM) WITH 12V BATTERY CHARGER, COLD WEATHER ENCLOSURE AND HEATER ON EXISTING CONCRETE PAD AND FENCE ENDS FENCE.
- 3- PROVIDE ALL CABLES BETWEEN GENERATORS AND BUILDING. RECONNECT POWER FEEDER, BATTERY CHARGER POWER AND HEATER POWER. REPLACE FEEDERS IF REQUIRED.
- 4- COORDINATE NEW INCOMING NATURAL GAS SERVICE AND METERING WITH LOCAL UTILITY FOR NEW GENERATOR.
- 5- CONTRACTOR TO PERFORM LOCATES IN AREAS WHERE EXCATATIONS ARE NEEDED.



SINGLE LINE DIAGRAM
SCALE: NTS

SPECIFICATION

- 1- GENERAL CONDITIONS: CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, FEES AND INSPECTION APPROVALS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 2- SCOPE OF WORK: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS AND LABOUR TO COMPLY WITH THE SPECIFICATIONS AND AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 3- GENERAL: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 4- WIRING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 5- TESTING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 6- INSURANCE: THE CONTRACTOR SHALL MAINTAIN SUCH INSURANCE AS WILL FULLY PROTECT BOTH THE CONTRACTOR AND THE OWNER AGAINST ALL RISKS OF DAMAGE TO PERSONS OR PROPERTY.
- 7- AS-BUILT DRAWINGS: THE CONTRACTOR SHALL SUBMIT TWO SETS OF AS-BUILT DRAWINGS WITHIN 30 DAYS OF COMPLETION OF THE WORK. THE AS-BUILT DRAWINGS SHALL BE IN ACCORDANCE WITH THE ORIGINAL DRAWINGS AND SHALL BE CHECKED BY THE OWNER.
- 8- RESONS AND EXTRAS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 9- CLEAN UP: THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE AREA CLEAN AT ALL TIMES AND TO PERIODICALLY REMOVE ALL DEBRIS.
- 10- CUTTING AND PATCHING: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS AND LABOUR TO REPAIR AND PATCH ALL CUTS AND DRILLS MADE IN THE COURSE OF THE WORK.
- 11- COORDINATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL OTHER TRADES AND THE OWNER'S REPRESENTATIVE PRIOR TO THE ACTUAL INSTALLATION.
- 12- RESPONSIBILITY: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 13- WIRING MATERIALS AND METHODS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 14- SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- 15- PROTECTION OF EXISTING UTILITIES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 16- DEMONSTRATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 17- WARRANTY: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 18- CONDUITS AND RACEWAYS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 19- ELECTRICAL PANELS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.
- 20- MECHANICAL EQUIPMENT: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FOR ANY CHANGES TO THE WORK FROM THE LOCAL AUTHORITY.

NO.	ISSUED FOR REVIEW	DATE
1	DESCRIPTION	24/07/23 1800
REVISIONS		
Kirkland Engineering Ltd BCIN: 28857		
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<p>KIRKLAND ENGINEERING LTD.</p> <p>4779 Main Street P.O. Box 742-1215 Vancouver, BC V6Y 2Y1 www.kirklandeng.com</p>		
<p>GENERATOR RENEWAL WATER PUMP STATION</p> <p>66 Robmar Crescent MANULVA, ON</p>		
<p>SINGLE LINE DIAGRAM</p>		
SCALE:	DATE:	NOTED:
SCALE:	DATE:	NOTED:
SCALE:	DATE:	NOTED:
<p>7/21</p>		