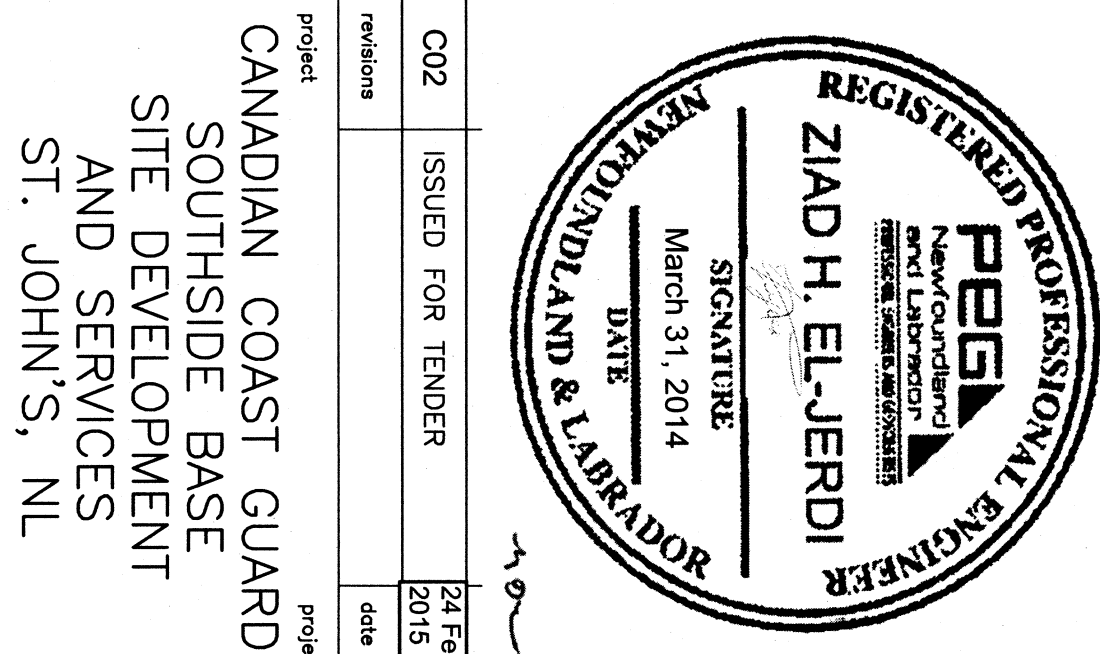


- TELECOMMUNICATION SCOPE:**
- CABLE TV: ALL CABLING (INCLUDING CABLING TO PEDESTALS) AND SERVICE EQUIPMENT SHALL BE PROVIDED BY ROBERTS (SERVICE PROVIDER). THIS CONTRACTOR SHALL PROVIDE ALL EMPTY DUCTBANKS.
 - TELEPHONE: INCOMING SERVICE CABLING AND SERVICE EQUIPMENT SHALL BE PROVIDED BY ALTAIR (SERVICE PROVIDER). THIS CONTRACTOR SHALL PROVIDE ALL ON PEDESTALS, PATCH PANELS AND CABLING FROM PATCH PANELS TO OUTLETS PROVIDERS AND PAY FOR ALL ASSOCIATED UTILITIES COST.

GENERAL NOTES:

- EXISTING ELECTRICAL SERVICES SHALL REMAIN OPERATIONAL UNLESS NOTED OTHERWISE. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING SERVICES AND AVOID DISRUPTION OR DAMAGE OF EXISTING SERVICES TO REMAIN.
- COORDINATE REMOVAL OF ELECTRICAL SERVICES WITH DEPARTMENTAL REPRESENTATIVE ON SITE PRIOR TO COMMENCEMENT OF WORK.
- SECURE WORK TO MINIMIZE DISRUPTION TO SITE OPERATION. COORDINATE ANY POWER OUTAGE WITH DEPARTMENTAL REPRESENTATIVE. PROVIDE TEMPORARY POWER SERVICE AND LIGHTING DURING CONSTRUCTION AS REQUIRED.
- CONTRACTOR SHALL VISIT THE SITE AND THOROUGHLY INSPECT EXISTING CONDITIONS AND PROVIDE INSTALLATION OF COMPLETE AND FULLY FUNCTIONAL SYSTEMS AS SPECIFIED IN THE CONTRACT DOCUMENTS.
- MAKE GOOD ALL EXISTING AND NEWLY EXPOSED HOLES AND IRREGULARITIES FROM THE REMOVAL OF ELECTRICAL SYSTEMS AND RESERVE RESULT OF THIS WORK.
- COORDINATE ALL INSTALLATIONS AND DEMOLITION WITH OTHER TRADES AND MAKE NECESSARY ADJUSTMENTS TO AVOID CONFLICTS.
- HAND OVER TO DEPARTMENTAL REPRESENTATIVE ALL REMOVED EQUIPMENTS UNLESS INSTRUCTED OTHERWISE.
- SEAL THE END OF CONDUIT WITH SUITABLE COMPOUND TO PREVENT THE ENTRANCE OF MOISTURE AND DEBRIS INTO CONDUIT ENTERING BUILDING FROM AN UNDERGROUND DISTRIBUTION SYSTEM.



PROJECT
CANADIAN COAST GUARD
SOUTHSIDE BASE
SITE DEVELOPMENT
AND SERVICES
ST. JOHN'S, NL

**ELECTRICAL
LEGEND**

designed I.E.	checked
date 2013-08-29	designed
drawn STAFF	checked
date 2013-08-29	approved
approved	
date	
Issued by <i>Ziad H. El-Jerdi</i> 2013-08-29	Submitted
Project number 10000000000000000000	Project number
R.053663.006	
drawing no.	no. du dessin
E01	

DIAGRAMS

- CIRCUIT BREAKER.
- SINGLE OUTLET BODY.
- SURGE PROTECTION DEVICE.
- POWER POLE BY NEWFOUNDLAND POWER.
- CONTACT (NORMALLY OPEN).
- CONTACTOR OR RELAY COIL.
- RT - INDICATES NUMBER.
- SINGLE POLE SWITCH.
- INDICATING LIGHT.
- R - INDICATES RED COLOUR.
- G - INDICATES GREEN COLOUR.
- MOTOR OVERLOAD.
- DISCONNECT SWITCH (SINGLE POLE OR MULTIPLE POLE AS INDICATED).
- POLE SWITCH - NORMALLY OPEN
- GROUND CONNECTION.
- POWER TRANSFORMER.
- DELTA CONNECTION (3 CONDUCTOR).
- WYE CONNECTION (4 CONDUCTOR).
- OWNER'S DIGITAL METER WITH INSTRUMENT TRANSFORMERS.
- OWNER'S DIGITAL METER WITH INSTRUMENT TRANSFORMERS.
- UTILITY METER SOCKET.
- EXTERNAL CONNECTION TERMINALS, WITH FIELD CONDUCTORS.
- FIELD CONDUCTORS (EXTERNAL TO EQUIPMENT).
- EQUIPMENT ENCLOSURE OUTLINE.
- INDICATES EXISTING TO REMAIN.

FLOOR PLANS

- INDICATES EXISTING TO REMAIN.
- INDICATES EXISTING TO BE REMOVED.
- FLUORESCENT LUMINAIRE, SURFACE MOUNTED IN BUILDING INTERIOR.
- AZ - INDICATES TYPE IN LUMINAIRE SCHEDULE.
- EMERGENCY LIGHTING BATTERY UNIT C/W DUAL HEADS, SURFACE MOUNTED.
- DUAL HEAD, REMOTE MOUNTED EMERGENCY LIGHTING FIXTURE, SURFACE MOUNTED.
- WALL MOUNTED LUMINAIRE ON BUILDING EXTERIOR.
- B1 - INDICATES TYPE IN LUMINAIRE SCHEDULE.
- EXIT LIGHT.
- FUSED DISCONNECT SWITCH.
- 30 - INDICATES AMPERE RATING.
- LIGHTING CONTROL OCCUPANCY SENSOR.
- SINGLE POLE LIGHTING CONTROL SWITCH.
- UNFUSED DISCONNECT SWITCH.
- 15A, 120V, 1PH DUPLEX RECEPTACLE, CSA 5-15R CONFIGURATION, 2P 3W.
- GFI - INDICATES GROUND FAULT INTERRUPTER.
- WP - INDICATES WEATHERPROOF.
- 30A, 120V, 1PH SINGLE RECEPTACLE, CSA CONFIGURATION LS-30R.
- TL - INDICATES TWISTED LOCK.
- WP - INDICATES WEATHERPROOF.
- JUNCTION BOX, WALL MOUNTED.
- DISTRIBUTION PANELBOARD, SURFACE MOUNTED.
- REVERSE ACTING LINE VOLTAGE THERMOSTAT.
- MAGNETIC MOTOR STARTER
- SINGLE PHASE MOTOR.
- LINE VOLTAGE THERMOSTAT.
- ELECTRICAL BASEBOARD HEATER.
- 500W - INDICATES POWER RATING.
- CONTROL TRANSFORMER.
- ASTRONOMICAL TIME CLOCK.
- LIGHTING CONTACTOR.
- DUAL VOICE/DATA OUTLET.
- DATA OUTLET.

LEGEND:

SITE PLANS

- INDICATES EXISTING TO REMAIN.
- INDICATES EXISTING TO BE REMOVED.
- INDICATES EXISTING ELECTRICAL SERVICES UNDERGROUND TO REMAIN.
- INDICATES NEW ELECTRICAL SERVICES UNDERGROUND.
- INDICATES NEW POWER OVERHEAD.
- INDICATES NEW POWER UNDERGROUND.
- INDICATES TAG IN EXISTING CABLE/CONDUIT SCHEDULE DRAWING.
- INDICATES EXISTING.
- INDICATES POWER RECEPTACLE.
- PS - INDICATES NUMBER.
- UTILITY POWER POLE.
- POLE GUY.
- POLE MOUNTED SITE LUMINAIRE.
- Y1.4a - INDICATES TYPE IN LUMINAIRE SCHEDULE.
- CCTV CAMERA.
- PULL PIT.
- EP - INDICATES ELECTRICAL.
- GP - INDICATES COMMUNICATIONS.
- GROUNDING ROD.
- GROUND ROD ELECTRODE WITH INSPECTION BOX.
- ROLL-UP.
- CATCH BASIN.