



NOTES:

- ELECTRICAL CONNECTIONS TO MECHANICAL EQUIPMENT SHALL INCLUDE A DISCONNECT MEANS AS FOLLOWS:
 - EXTERIOR EQUIPMENT; NON-FUSED DISCONNECT SWITCH, NEMA 4X WEATHER PROOF
 - EXHAUST FANS; NON-FUSED DISCONNECT SWITCH, NEMA 1
 - PUMPS; NON-FUSED DISCONNECT SWITCH, NEMA 1
 - RANGE HOOD, HOT WATER TANK, SPRINKLER PANEL; NO DISCONNECT
 - OTHER EQUIPMENT AS INDICATED

C	ISSUED FOR TENDER	JUN 28 2017
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project / projet
MARINE COMMUNICATION TRAFFIC CENTRE AND C&P BUILDING
PLACENTIA

drawing / dessin
ELECTRICAL SYMBOL LEGEND

designed / conçu	<i>DC</i>	
date	JUNE 28 2017	
drawn / dessiné	<i>[Signature]</i>	
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E1

LIGHTING

- 1x4' LUMINAIRE. 'A' DENOTES FIXTURE TYPE AND 'b' INDICATES SWITCHING. REFER TO FIXTURE SCHEDULE.
- 1x4' LUMINAIRE WALL MOUNTED. 'A' DENOTES FIXTURE TYPE AND 'b' INDICATES SWITCHING. REFER TO FIXTURE SCHEDULE.
- 2x4' LUMINAIRE. 'A' DENOTES FIXTURE TYPE AND 'b' INDICATES SWITCHING. REFER TO FIXTURE SCHEDULE.
- 2x2' LUMINAIRE. 'A' DENOTES FIXTURE TYPE AND 'b' INDICATES SWITCHING. REFER TO FIXTURE SCHEDULE.
- TASK LIGHTING WITH INDIVIDUAL SWITCHING.
- DOWN LIGHT. 'A' DENOTES FIXTURE TYPE. REFER TO FIXTURE SCHEDULE.
- WALL MOUNTED LUMINAIRE. 'A' DENOTES FIXTURE TYPE. REFER TO FIXTURE SCHEDULE.
- WALL MOUNTED EXIT SIGN.
- CEILING MOUNTED EXIT SIGN. ARROWS INDICATES DIRECTION OF EGRESS.
- EMERGENCY BATTERY LIGHTING UNIT.
- REMOTE EMERGENCY BATTERY LIGHTING UNIT.
- CEILING MOUNTED OCCUPANCY SENSOR.
- WALL MOUNTED OCCUPANCY SENSOR.
- CEILING MOUNTED VACANCY SENSOR.
- WALL MOUNTED VACANCY SENSOR.
- PHOTO CELL FOR EXTERIOR LIGHTING CONTROL.
- LIGHT POLE.

WIRING DEVICES

- 15A, 120V SWITCH. LETTER INDICATES LIGHTS CONTROLLED.
- 3-WAY SWITCH.
- REMOTE WIRELESS DIMMER. BROKEN LINE INDICATES WHICH FIXTURES ARE CONTROLLED BY EACH DIMMER SWITCH.
- SPECIAL RECEPTACLE. TYPE AS INDICATED. 'T' INDICATES TWIST-LOCK.
- 15A, 120V DUPLEX RECEPTACLE.
- 20A, 120V DUPLEX RECEPTACLE.
- 15A, 120V RECEPTACLE MOUNTED ABOVE COUNTER OR 1067mm ABOVE FINISHED FLOOR.
- 20A, 120V RECEPTACLE MOUNTED ABOVE COUNTER OR 1067mm ABOVE FINISHED FLOOR.
- 20 AMP GROUND FAULT RECEPTACLE. 20 INDICATES AMP RATING.
- 240V RECEPTACLE.
- RECEPTACLES AND COMMUNICATIONS OUTLET IN COMMON PLATE.
- 15A, 120V RECEPTACLE MOUNTED IN FLOOR CAVITY.

MISCELLANEOUS POWER

- MANUAL MOTOR STARTER.
- NON FUSED DISCONNECT. SIZE AS INDICATED.
- FUSED DISCONNECT. SIZE AS INDICATED.
- COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT.
- ELECTRICAL PANEL (FLUSH MOUNTED).
- ELECTRICAL PANEL (SURFACE MOUNTED).
- FIRE ALARM CONTROL PANEL.
- ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT C/W TOGGLE DISCONNECT SWITCH UNLESS OTHERWISE INDICATED
- MOTORIZED DAMPER BY MECHANICAL. PROVIDE POWER CONNECTION.
- 120/24V, TRANSFORMER SUPPLIED AND INSTALLED BY ELECTRICAL. 250VA UNLESS OTHERWISE NOTED.
- CLOCK. SUPPLIED BY OWNER. INSTALLED BY CONTRACTOR.
- CURRENT TRANSFORMER AND ENERGY METERING DEVICE.
- POTENTIAL TRANSFORMER.

SECURITY/CARD ACCESS

- CCTV SECURITY CAMERA. ARROWS INDICATE MULTIPLE CAMERA DIRECTIONS.
- DOOR OPERATOR.
- PUSHBUTTON FOR DOOR OPERATOR, SUPPLIED BY ARCH. ELECTRICAL TO INSTALL ALL CONDUIT AND WIRING AS REQUIRED.
- CARD READER.
- DOOR RELEASE.
- AUTOMATIC DOOR OPENER.
- EXIT DEVICE WITH ELECTRIC LATCH RETRACTION, SUPPLIED AND INSTALLED BY ARCH. DIVISION, WIRED BY ELECTRICAL.
- PROVISIONS FOR SPEAKER. 100mm BOX, WALL MOUNT 1.5M ABOVE FLOOR.
- INTERCOM STATION.

DATA & COMMUNICATIONS

- VOICE/DATA OUTLET.

FIRE ALARM

- FIRE ALARM PULL STATION.
- SMOKE DETECTOR.
- HEAT DETECTOR.
- FIRE ALARM STROBE LIGHT.
- FIRE ALARM HORN AND STROBE LIGHT COMBINATION.

HEATING

- ELECTRIC BASEBOARD HEATER. REFER TO HEATER SCHEDULE.
- ELECTRIC UNIT HEATER. REFER TO HEATER SCHEDULE.
- ELECTRIC FAN HEATER. REFER TO HEATER SCHEDULE.
- LOW VOLTAGE THERMOSTAT BY ELECTRICAL. INCLUDE LV WIRING TO RELAY IN HEATER.
- LINE VOLTAGE THERMOSTAT. LINE INDICATES WHICH HEATERS ARE CONTROLLED BY EACH THERMOSTAT.

SUBSCRIPT

- E - EXISTING TO REMAIN.
- ER - EXISTING TO BE REMOVED.
- RL - EXISTING TO BE RELOCATED.
- NL - INDICATES NEW LOCATIONS.
- W - WEATHER PROOF.