

**ELECTRICAL LEGEND**



EXISTING 2' X 2' LIGHT FIXTURE TO BE REMOVED.



EXISTING 2' X 4' LIGHT FIXTURE TO BE REMOVED.



EXISTING LIGHT SWITCH TO BE REMOVED.



EXISTING 2 GANGED LIGHT SWITCH TO BE REMOVED.



EXISTING 4' PENDENT MOUNTED LIGHT FIXTURE TO BE REMOVED.



EXISTING 8' PENDENT MOUNTED LIGHT FIXTURE TO BE REMOVED.



NEW LIGHT FIXTURE TYPE 'A'. SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.



NEW LIGHT FIXTURE TYPE 'D'. SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.



NEW LED POT LIGHT TYPE 'B'. SEE LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION.



NEW RUNNING MAN EXIT SIGN, SINGLE FACE C/W BATTERY BACKUP.



NEW RUNNING MAN EXIT SIGN, ARROW INDICATES DIRECTION OF EXIT C/W BATTERY BACKUP.



NEW LOW VOLTAGE 2 BUTTON LIGHT SWITCH.



NEW LOW VOLTAGE DIMMER SWITCH.



NEW LINE VOLTAGE OCCUPANCY SENSOR SWITCH.



NEW LINE VOLTAGE PIR OCCUPANCY SENSOR. DT - INDICATES DUAL TECHNOLOGY SENSOR.



NEW LOW VOLTAGE PIR OCCUPANCY SENSOR. DT - INDICATES DUAL TECHNOLOGY SENSOR.



NEW LIGHTING CONTROLLER MOUNTED IN CEILING SPACE.



NEW CEILING MOUNTED SPEAKER/STROBE TO MATCH EXISTING.



EXISTING CEILING MOUNTED SPEAKER/STROBE ASSEMBLY TO BE RELOCATED.



NEW LOCATION OF RELOCATED CEILING MOUNTED SPEAKER/STROBE ASSEMBLY. EXTEND/REROUTE WIRE AND CONDUIT TO RECONNECT TO EXISTING FIRE ALARM SIGNALS.



EXISTING CEILING MOUNTED FIRE ALARM SPEAKER TO BE RELOCATED.



NEW LOCATION OF EXISTING RELOCATED FIRE ALARM SPEAKER. EXTEND/REROUTE WIRE AND CONDUIT AS NECESSARY TO RECONNECT TO EXISTING FIRE ALARM SIGNAL CCT.



EXISTING CEILING MOUNTED SECURITY SYSTEM MOTION SENSOR TO BE RELOCATED.



NEW LOCATION OF EXISTING CEILING MOUNTED SECURITY SYSTEM MOTION SENSOR. EXTEND/REROUTE WIRE AND CONDUIT AS NECESSARY TO RECONNECT TO EXISTING SECURITY SYSTEM.



EXISTING ADDRESSABLE MANUAL PULL STATION TO BE RELOCATED.



NEW LOCATION OF EXISTING ADDRESSABLE MANUAL PULL STATION. EXTEND/ REROUTE WIRE AND CONDUIT AS NECESSARY TO RECONNECT TO EXISTING FIRE ALARM ZONE.



EXISTING ADDRESSABLE SMOKE DETECTOR TO BE RELOCATED.



NEW LOCATION OF EXISTING ADDRESSABLE SMOKE DETECTOR. EXTEND/REROUTE WIRE AND CONDUIT AS NECESSARY TO RECONNECT TO EXISTING FIRE ALARM INITIATING CIRCUIT.



NEW ADDRESSABLE SMOKE DETECTOR TO MATCH EXISTING. CONNECT TO EXISTING INITIATING CIRCUIT.



NEW SPRINKLER FLOW SWITCH



NEW SPRINKLER VALVE MONITOR.



NEW ELECTRIC ALUMINUM DRAFT BARRIER HEATER (WHITE) RATED AT 500 WATTS. HEATER TYPE EQUAL TO OUELLET ODB SERIES RATED 347V. REFER TO FLOOR PLANS FOR QUANTITY AND HEATER WATTAGES REQUIRED.



HEATER LOW VOLTAGE RELAY MOUNTED IN CEILING SPACE.



SERVICE PACK POLE.



NEW 15A. 120V. DUPLEX CONVENIENCE RECEPTACLE MOUNTED 400mm A.F.F. UNLESS INDICATED OTHERWISE.



NEW 15A. 120V. DUPLEX CONVENIENCE RECEPTACLE MOUNTED IN NEW FIRE RATED POKE THRU FLOOR BOX.



15A. 120V. SPLIT DUPLEX CONVENIENCE RECEPTACLE MOUNTED 200mm ABOVE COUNTER BACKSPASH.



NEW DATA AND TELEPHONE OUTLETS MOUNTED IN NEW FIRE RATED POKE THRU FLOOR BOX. CONTRACTOR TO INSTALL 3 DATA AND ONE TELEPHONE JACK.



NEW DATA OUTLET BOX MOUNTED 400mm A.F.F. STUB 21mm CONDUIT TO CEILING SPACE. UNLESS INDICATED OTHERWISE.



NEW TELEPHONE OUTLET BOX MOUNTED 400mm A.F.F. STUB 21mm CONDUIT TO CEILING SPACE. UNLESS INDICATED OTHERWISE.



NEW COMBINATION DATA/TELEPHONE OUTLET RUN 2-21mm CONDUITS ONE FOR EACH SYSTEM TO CEILING SPACE.



EXISTING DATA OUTLET AND ASSOCIATED WIRE AND CONDUIT TO BE REMOVED.



CEILING MOUNTED EMERGENCY REMOTE HEAD.



WALL MOUNTED EMERGENCY REMOTE HEAD.



SERVICE POLE FOR SYSTEMS FURNITURE SUPPLIED AND INSTALLED BY OTHERS. ELECTRICAL CONTRACTOR TO MAKE FINAL POWER CONNECTION TO SERVICE POLE JUNCTION BOX IN CEILING SPACE. WIRING FROM SERVICE POLE JUNCTION BOX TO FURNITURE SYSTEM RECEPTACLES BY SYSTEMS FURNITURE SUPPLIER.



TELEPHONE OUTLET LOCATION MOUNTED IN NEW SYSTEMS FURNITURE BASE BY OTHERS. ELECTRICAL CONTRACTOR TO LEAVE COILED TELEPHONE CABLE IN CEILING SPACE ABOVE SERVICE POLES TO REACH EACH TELEPHONE OUTLET LOCATION.



DATA OUTLET LOCATION MOUNTED IN NEW SYSTEMS FURNITURE BASE BY OTHERS. ELECTRICAL CONTRACTOR TO LEAVE COILED DATA CABLE IN CEILING SPACE ABOVE SERVICE POLES TO REACH EACH DATA OUTLET LOCATION.



NEW FLUSH MOUNTED CEILING DATA OUTLET



NEW FLUSH MOUNTED 15A. 120V. DUPLEX CONVENIENCE CEILING RECEPTACLE



RECEPTACLE LOCATION MOUNTED IN NEW SYSTEMS FURNITURE BASE BY OTHERS.



NEW 20A. 120V. 5-20R DUPLEX RECEPTACLE MOUNTED 400mm A.F.F.



DISCONNECT POWER CIRCUIT FROM EXIST. DUCT HEATER AND RECONNECT ONCE NEW SCR (BY MECH.) IS INSTALLED.



DIRECT ELECTRICAL CONNECTION TO EQUIPMENT.



63mm TELEPHONE ZONE CONDUIT C/W NYLON BUSHINGS. TERMINATE IN EXISTING TEL/LAN ROOM APPROX. 300mm ABOVE EQUIPMENT RACK. BOND EACH ZONE CONDUIT USING #6 TW GND AND CONNECT TO GROUND BUS IN TEL/LAN ROOM.



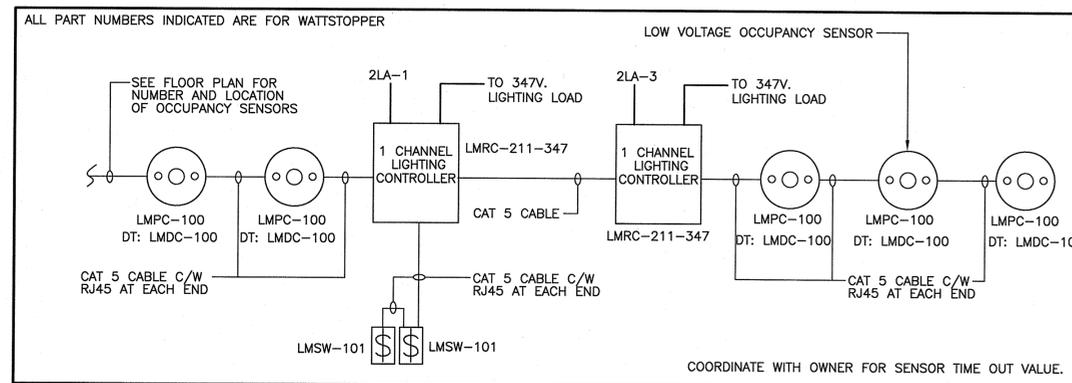
63mm DATA ZONE CONDUIT C/W NYLON BUSHINGS. TERMINATE IN EXISTING TEL/LAN ROOM APPROX. 300mm ABOVE EQUIPMENT RACK. BOND EACH ZONE CONDUIT USING #6 TW GND AND CONNECT TO GROUND BUS IN TEL/LAN ROOM.



NEW CARD READER LOCATION MOUNT 1200mm A.F.F. RUN 21mm CONDUIT TO CEILING SPACE.

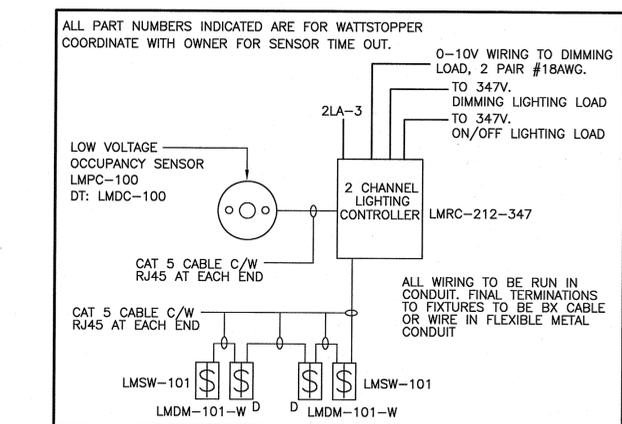


NEW ELECTRIC STRIKE BY DOOR SUPPLIED.



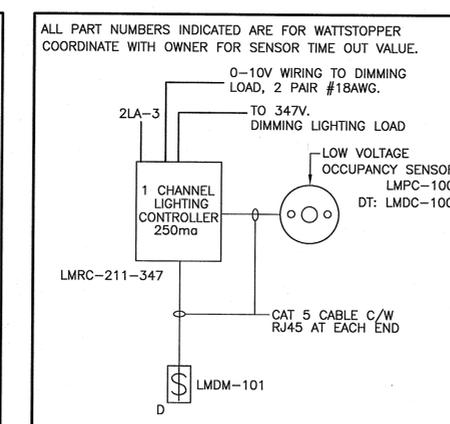
**OPEN OFFICE AREA LIGHTING CONTROL DIAGRAM**

SCALE: Not to Scale



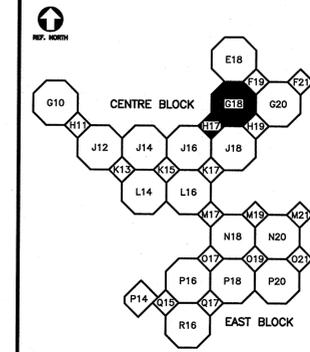
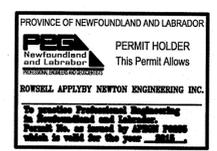
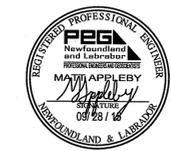
**BOARDROOM LIGHTING CONTROL DIAGRAM**

SCALE: Not to Scale



**QUIET ROOM LIGHTING CONTROL DIAGRAM**

SCALE: Not to Scale



revisions	date
4	09/28 2015
1	04/07 2014
A	03/24 2014
0	02/28 2014

**G18 LEVEL 2 INTERIOR RENOVATIONS NORTHWEST ATLANTIC FISHERIES CENTRE St. John's, NL**

drawing design

**ELECTRICAL LEGEND AND DETAILS**

designed	G.N.S.	conçu
date	FEB. 2014	
drawn	G.N.S.	dessiné
date	FEB. 2014	
approved		approuvé
date		
Tender	14-02-28	Submission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number	R068178.001	no. du projet
drawing no.	E01	no. du dessin

