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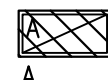


0	ISSUED FOR TENDER	DEC.14 2020
revisions		date
project	FISH LAB RENOVATION FACILITY FOR INTELLIGENT MARINE SYSTEMS B.I.O. DARTMOUTH, N.S. DEMOLITION	
drawing	no. du dessin	

LEGEND

designed	H.E.G./G.A.M.	conçu
date	DECEMBER 14, 2020	
drawn	H.E.G.	dessiné
date	DECEMBER 14, 2020	
approved	G.A.M.	approuvé
date	DECEMBER 14, 2020	
Tender	Soumission	
IAN SCELES		
PWGSC Project Manager	Administrateur de projets TP50C	
project number	no. du projet	
R.089911.001		
drawing no.	no. du dessin	
EDO 1		

LIGHTING AND CONTROLS



LINEAR LUMINAIRE, TYPE AS SPECIFIED. HATCHING DENOTES CONNECTED TO EMERGENCY/NIGHT LIGHTING CIRCUIT.



LINEAR WALL MOUNTED LUMINAIRE, TYPE AS SPECIFIED.



CEILING MOUNTED LUMINAIRE, TYPE AS SPECIFIED.



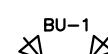
WALL MOUNTED LUMINAIRE, TYPE AS SPECIFIED.



EMERGENCY LIGHTING SYSTEM DUAL REMOTE HEADS, 'BU-1' INDICATES WHICH BATTERY UNIT SERVES REMOTE. REFER TO LUMINAIRE SCHEDULE.



EMERGENCY LIGHTING BATTERY UNIT C/W DUAL HEADS, 'BU-1' INDICATES BATTERY UNIT IDENTIFIER. REFER TO LUMINAIRE SCHEDULE.



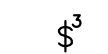
EMERGENCY LIGHTING BATTERY UNIT C/W SINGLE FACED 'RUNNING MAN' PICTOGRAM EXIT SIGN (REFER TO BELOW). TYPE 'BU-1' AS SPECIFIED.



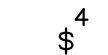
GREEN LED "RUNNING MAN" EXIT SIGN, RECESSED CEILING MOUNT OR WALL MOUNTED AS INDICATED, NUMBER OF FACES AND DIRECTIONAL ARROWS AS SHOWN. REFER TO LUMINAIRE SCHEDULE.

LIGHTING CONTROL

ONE, TWO AND THREE GANG SINGLE POLE TOGGLE SWITCHES.



3-WAY SWITCH



4-WAY SWITCH



OCCUPANCY SENSOR, TYPE AS SPECIFIED.



ELECTRONIC TIMER

EQUIPMENT CONNECTIONS AND CONTROLS



120/208V DIRECT CONNECTION



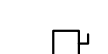
347/600V DIRECT CONNECTION



MOTOR CONNECTION AS SPECIFIED



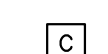
MOTOR STARTER AS SPECIFIED



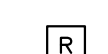
UNFUSED DISCONNECT SWITCH



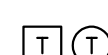
FUSED DISCONNECT SWITCH



CONTACTOR - SIZE AND NUMBER OF POLES AS SPECIFIED



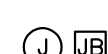
RELAY



THERMOSTAT



RECESSED OR SURFACE MOUNTED ELECTRICAL PANEL



JUNCTION BOX

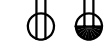


PULL BOX

GENERAL POWER



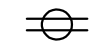
5-15R, 15A, 120V U-GROUND SINGLE RECEPTACLE - STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER.



5-15R, 15A, 120V U-GROUND DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER.



5-20R, 20A, 120V T-SLOT U-GROUND DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER.



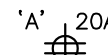
5-15R, 15A, 120V U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - FLUSH CEILING MOUNTED UNLESS NOTED OTHERWISE C/W WEATHERPROOF WHILE IN COVERPLATE



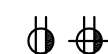
5-15R, 15A, 120V U-GROUND QUAD RECEPTACLE - STANDARD MOUNTING HEIGHT UNLESS NOTED OTHERWISE



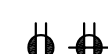
5-20R, 20A, 120V (T-SLOT) U-GROUND QUAD RECEPTACLE - STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER.



SINGLE SPECIAL RECEPTACLE - AMPACITY AS INDICATED, TYPE 'A' AS SPECIFIED



5-15R, 15A, 120V U-GROUND HALF SWITCHED DUPLEX RECEPTACLE - STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER (CONTROLLED BY SWITCH).

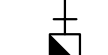


5-15R, 15A, 120V U-GROUND DUPLEX RECEPTACLE C/W GROUND FAULT CIRCUIT INTERRUPTER - STANDARD MOUNTING HEIGHT AND MOUNTED ABOVE COUNTER.



5-20R, 20A, 120V U-GROUND DUPLEX RECEPTACLE - MOUNTED IN ACCESSIBLE CEILING SPACE

FIRE ALARM SYSTEM



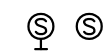
PULL STATION



FLUSH MOUNTED BELL



FLUSH MOUNTED HORN - 'HS' DENOTES HORN STROBE COMBINATION



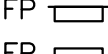
FLUSH MOUNTED SPEAKER - WALL OR CEILING MOUNTED



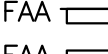
SMOKE DETECTOR - WALL OR CEILING MOUNTED AS INDICATED ON THE FLOOR PLAN



DOOR HOLDER



RECESSED OR SURFACE MOUNTED FIRE ALARM CONTROL PANEL



RECESSED OR SURFACE MOUNTED FIRE ALARM ANNUNCIATOR PANEL



END OF LINE RESISTOR



REMOTE TROUBLE SIGNAL



CONTROL RELAY

SECURITY AND ACCESS SYSTEMS



AUTOMATIC DOOR OPENER

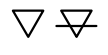


POWER ACTIVATED DOOR EXIT BUTTON SUPPLIED BY DOOR HARDWARE SUPPLIER, WIRED BY ELECTRICAL.

COMMUNICATIONS



TELEPHONE OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER, NUMERAL INDICATES QUANTITY OF DROPS, IF NO NUMBER IS SHOWN IT INDICATES 1 DROP.



DATA OUTLET - WALL MOUNTED OR MOUNTED ABOVE COUNTER, NUMERAL INDICATES QUANTITY OF DROPS, IF NO NUMBER IS SHOWN IT INDICATES 1 DROP.



FLUSH MOUNTED SPEAKER - WALL MOUNTED OR CEILING MOUNTED



VOLUME CONTROL SWITCH

MISCELLANEOUS



ELECTRICAL SPECIFIC DRAWING NOTE



MECHANICAL EQUIPMENT DESIGNATION, REFER TO MECHANICAL SCHEDULE FOR DETAILS



INDICATES EXISTING DEVICE TO REMAIN



INDICATES EXISTING DEVICE TO BE MOVED



INDICATES EXISTING DEVICE IN RELOCATED POSITION

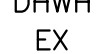


INDICATES EXISTING DEVICE TO BE DEMOLISHED

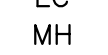
ABBREVIATIONS



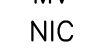
BATTERY UNIT



INDICATES DEVICE TO BE DELETED



DOMESTIC HOT WATER HEATER



INDICATES EXISTING DEVICE TO REMAIN



EMPTY CONDUIT



MOUNTING HEIGHT



INDICATED EXISTING DEVICE TO BE MOVED



NOT IN CONTRACT



NOT TO SCALE



INDICATES DEVICE IN RELOCATED LOCATION.



TYPICAL

LEGEND

1  
EDO.1