
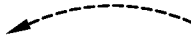









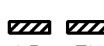






















ELECTRICAL LEGEND

-  LINE VOLTAGE WIRING AS PER SPECIFICATIONS, RUN 2#12+#12BOND-21mm EMT MINIMUM. WHERE 3-PHASE CIRCUITS SHARE A COMMON NEUTRAL, THE COMMON NEUTRAL CONDUCTOR SHALL BE #10AWG.
-  LOW VOLTAGE WIRING AS PER SPECIFICATIONS.
-  EXISTING EXIT PICTOGRAM CEILING MOUNTED OR WALL MOUNTED 2286mm A.F.F., SINGLE OR DOUBLE FACED, WITH ARROWS AS INDICATED.
-  EXISTING ENCELUM SWITCH
-  LOW VOLTAGE SWITCH FLUSH WALL MOUNTED 1219mm A.F.F. SEE DETAIL 2/E.06.
-  EXISTING ENCELUM OCCUPANCY SENSOR AND INPUT/OUTPUT MODULE.
-  LOW VOLTAGE OCCUPANCY SENSOR CEILING MOUNTED. SEE DETAIL 2/E.06.
-  347 VOLT LIGHTING POWER PACK MOUNTED ABOVE NEAREST ACCESSIBLE CEILING. SEE DETAIL 2/E.06.
-  EXISTING LIGHTING FIXTURE
-  NEW LIGHTING FIXTURE. NUMBER INDICATES FIXTURE TYPE. SEE FIXTURE SCHEDULE FOR DESCRIPTION.
-  347-120 VOLT TRANSFORMER MOUNTED IN CEILING SPACE.

- DEFINITIONS:
- A.F.F. - ABOVE THE FINISHED FLOOR.
  - GFCI - GROUND FAULT CIRCUIT INTERRUPTER
  - NL - NIGHT LIGHTING OR SECURITY LIGHTING
  - S - SURFACE MOUNTED, PROVIDE RESPECTIVE SERVICES FOR SURFACE MOUNTING.
  - PL - PILOT LIGHT
  - C - CEILING MOUNTED
  - WP - WEATHERPROOF DEVICE
  - E - EXISTING TO REMAIN
  - R - EXISTING TO BE RELOCATED

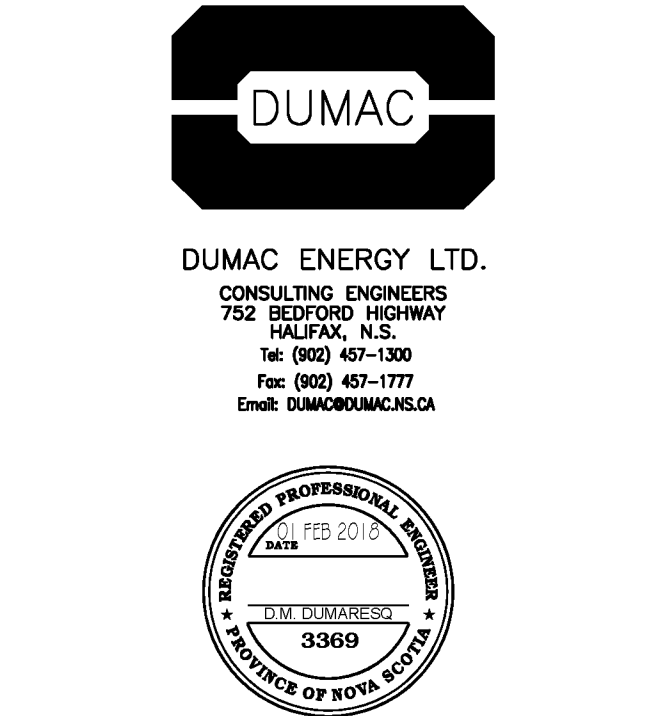
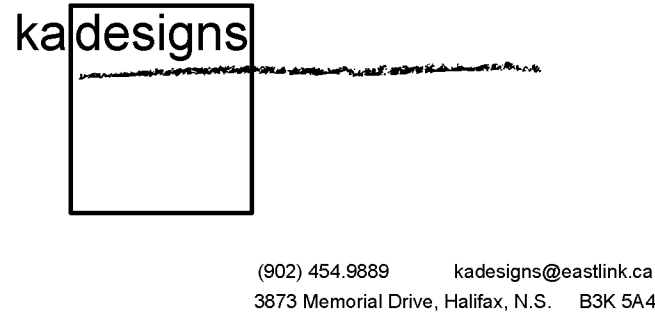
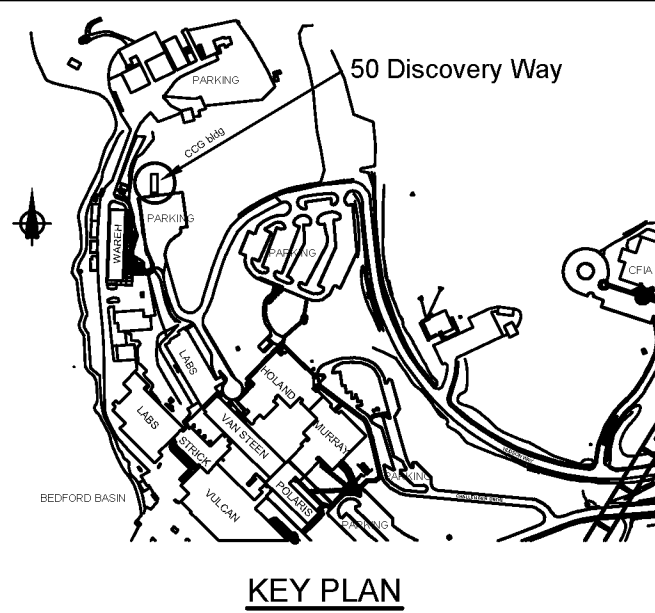
-  EXISTING ELECTRICAL PANELS, SURFACE MOUNTED  
LP - INDICATES LIGHTING PANEL  
EL - INDICATES EMERGENCY LIGHTING PANEL
-  DUPLEX U-GROUND CSA 5-15R RECEPTACLE FLUSH WALL MOUNTED 457mm A.F.F. WITH COVERPLATE, UNLESS INDICATED OTHERWISE.
-  TWO DUPLEX U-GROUND CSA 5-15R RECEPTACLES MOUNTED WITHIN A COMMON BACKBOX 457mm A.F.F. WITH A COMMON COVERPLATE, UNLESS INDICATED OTHERWISE.
-  SPLIT DUPLEX U-GROUND 5-20R RECEPTACLE FLUSH WALL MOUNTED 153mm ABOVE COUNTER BACKSPLASH, OR 1168mm A.F.F., UNLESS INDICATED OTHERWISE.
-  SPLIT DUPLEX U-GROUND 5-20R RECEPTACLE FLUSH WALL MOUNTED 153mm ABOVE COUNTER BACKSPLASH, OR 1168mm A.F.F., UNLESS INDICATED OTHERWISE.
-  DUPLEX U-GROUND RECEPTACLE, CSA 5-20R CONFIGURATION, FLUSH WALL MOUNTED 457mm A.F.F., UNLESS INDICATED OTHERWISE.
-  DUPLEX U-GROUND RECEPTACLE, CSA 5-20R CONFIGURATION, FLUSH WALL MOUNTED 153mm ABOVE COUNTER BACKSPLASH, OR 1168mm A.F.F., UNLESS INDICATED OTHERWISE.
-  DUPLEX U-GROUND RECEPTACLE, CSA 5-20R CONFIGURATION, FLUSH WALL MOUNTED VERIFY EXACT LOCATION AND HEIGHT ON SITE WITH MILLWORK SHOP DRAWINGS.
-  DUPLEX U-GROUND GFCI RECEPTACLE, CSA 5-20R CONFIGURATION, FLUSH WALL MOUNTED 153mm ABOVE COUNTER BACKSPLASH OR 1168mm A.F.F. UNLESS INDICATED OTHERWISE.
-  JUNCTION BOX CEILING MOUNTED
-  INDICATES NOTE
-  EXISTING UPS TO REMAIN.
-  EXISTING TRANSFORMER TO REMAIN.
-  NEW VAV BOX SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. 120V WIRING BY ELECTRICAL CONTRACTOR. WIRE TO NEAREST AVAILABLE VAV BOX 120V CIRCUIT.

-  EXISTING CABLE TRAY
-  APPROXIMATE LOCATION FOR EXISTING VOICE/DATA CABLES IN CEILING SPACE. #V/#D INDICATES QUANTITY OF VOICE (V) AND DATA (D) CABLES REQUIRED AT LOCATION. CABLES TO BE COILED IN CEILING SPACE FOR FUTURE DROPS TO WORKSTATIONS. ALLOW 20M OF COILED CABLE.
-  VOICE/DATA OUTLET MOUNTED IN SYSTEM FURNITURE.
-  VOICE/DATA OUTLET MOUNTED 457mm A.F.F. UNLESS INDICATED OTHERWISE.
-  EXISTING FIRE ALARM COMBINATION SPEAKER/STROBE UNIT.
-  EXISTING FIRE ALARM SPEAKER.
-  EXISTING SYSTEMS FURNITURE CONNECTION BOXES.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	MOUNTING	STANDARD OF ACCEPTANCE	LAMPS	NOTES
1	EXISTING FLUORESCENT TROFFER, 305mm x 1220mm, <10% THD, 347V ELECTRONIC BALLAST, 75mm DEEP PARABOLIC LOUVERS, IES RP-1 STANDARD	347V	RECESSED MOUNTED IN T-BAR		1-T8-F32W OCTRON LAMP 4100 DEG. K.	
2	EXISTING FLUORESCENT TROFFER, 610mm x 1220mm, <10% THD, 347V ELECTRONIC BALLAST, 75mm DEEP PARABOLIC LOUVERS, IES RP-1 STANDARD	347V	RECESSED MOUNTED IN T-BAR		3-T8-F32W OCTRON LAMPS 4100 DEG. K.	
5	EXISTING DIRECT/INDIRECT FLUORESCENT LUMINAIRE, 1220mm, 347V ELECTRONIC BALLAST	347V	SUSPENDED		3-T8-F32W OCTRON LAMPS 4100 DEG. K	
33	1220mm x 304mm RECESSED LED	347V	RECESSED T-BAR	- PHILLIPS 1TG-42L-840-4-FS-02F-347 - METALUX 14GR-LD4-40-FI-347-L840-CD1-U - VISIONEERING LR7A-1X4-LED-840K-046L347-P13	44W LED 4000°K	
34	610mm LONG UNDERCOUNTER LED	120V	UNDER COUNTER	- PHILLIPS 523-000027-73 - HALO HU10-24-D-9-30-P - AFX MLL22WH	480 LUMENS 13W LED 3000°K	1.

- NOTE:
- C/W 347-120 VOLT TRANSFORMER SIZED TO SUIT LIGHTING FIXTURE LOAD MOUNTED IN CEILING SPACE ABOVE COUNTER.



1.	ISSUED FOR TENDER	01.26 2018
revisions		date

project project

CCG WP2.0 FIT-UP  
MARITIME HEADQUARTERS  
BEDFORD INSTITUTE OF OCEANOGRAPHY  
DARTMOUTH  
NOVA SCOTIA

drawing dessin

CCG FIT-UP  
ELECTRICAL  
LEGEND

designed KADesigns conçu

date

drawn dessiné

date

approved approuvé

date

Tender IAN SCELES Soumission

PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

drawing no. no. du dessin

E.00

