ELECTRICAL LEGEND

POWER AND TELECOMM.	
#V	VOICE OUTLET, # INDICATES NUMBER OF OUTLETS
#D #V	DUAL VOICE/DATA OUTLET, # INDICATED NUMBER OF OUTLETS
#D	DATA OUTLET, # INDICATES NUMBER OF OUTLETS
	DUPLEX 5–15R RECEPTACLE
	SINGLE SPECIAL–PURPOSE OUTLET TYPE AS INDICATED
	QUADRAPLEX 5–15R RECEPTACLE
	DUPLEX 5–20R RECEPTACLE
	ISOLATED GROUND 5–15R RECEPTACLE
#	5–15R FURNITURE–INTEGRATED RECEPTACLES, # INDICATED QUANTITY OF DUPLEX RECEPTACLES AT LOCATION SHOWN
	PUSH BUTTON
	SURFACE MOUNTED ELECTRICAL PANEL
	RECESSED ELECTRICAL PANEL
FB1	FLOOR BOX. 'FB1' DENOTES TYPE. REFER TO SCHEDULE ON DRAWING E–601.
	DISCONNECT SWITCH
##	TRANSFORMER (PLAN), # INDICATES SIZE (kVA)
MSS	TOGGLE–TYPE MANUAL MOTOR STARTER
ATS	AUTOMATIC TRANSFER SWITCH
	DIRECT ELECTRICAL CONNECTION
TX	LOW–VOLTAGE TRANSFORMER FOR PLUMBING FIXTURE
	COMBINATION STARTER

SYSTEMS	
	EMERGENCY LIGHTING HEAD/BATTERY UNIT
	EMERGENCY LIGHTING CEILING MOUNTED DUAL REMOTE HEAD
	EMERGENCY LIGHTING DUAL HEAD REMOTE
	EMERGENCY LIGHTING CEILING MOUNTED DUAL HEAD/BATTERY UNIT
SD	SMOKE DETECTOR
	HEAT DETECTOR
F	FIRE ALARM PULL STATION
F	FIRE ALARM HORN
F	FIRE ALARM HORN AND STROBE
F	FIRE ALARM STROBE
→	EXIT SIGN ARROW INDICATOR
	WALL MOUNTED EXIT SIGN
	CEILING MOUNTED DUAL FACE EXIT SIGN
	CEILING MOUNTED SINGLE FACE EXIT LIGHT
	END–OF–LINE RESISTOR
LIGHTING	
	SURFACE MOUNTED STRIP FIXTURE
	SUSPENDED 1200mmX300mm LIGHT FIXTURE
	SUSPENDED STRIP FIXTURE
	RECESSED 600mm X 600mm LIGHT FIXTURE
	SMALL RECESSED POT LIGHT
	LARGE RECESSED POT LIGHT

LIGHTING (CON'T)	
	OCCUPANCY SWITCH
	SURFACE MOUNTED STRIP FIXTURE
	WALL MOUNTED VANITY FIXTURE
PC	PHOTO CONTROL (DAYLIGHT SENSOR)
	WALL MOUNTED STRIP FIXTURE
OS	OCCUPANCY SENSOR
$	SINGLE THROW LIGHT SWITCH
$2	DOUBLE THROW LIGHT SWITCH
	SURFACE MOUNTED DOWNLIGHT
	LIGHTING CONTROL ZONES
SINGLE LINE DIAGRAM AND RISER DIAGRAM	
	CIRCUIT BREAKER
SPD	SURGE PROTECTION DEVICE
	DELTA–WYE TRANSFORMER
XXXA XXXV XP, XW B 'XX' XX CCT	ELECTRICAL PANEL
XXXA, XP MAIN BKR / XXXA XXXV XP, XW B 'XX' XX CCT	ELECTRICAL PANEL /W MAIN BREAKER
	FUSED DISCONNECT SWITCH
	UNFUSED DISCONNECT SWITCH

DRAWING LIST

E001 – ELECTRICAL LEGEND
E100 – EXISTING ELECTRICAL
E101 – ELECTRICAL POWER AND COMMUNICATIONS
E102 – ELECTRICAL LIGHTING AND LIGHTING CONTROL
E103 – ELECTRICAL SYSTEMS
E104 – ELECTRICAL SITE PLAN
E501 – ELECTRICAL SINGLE LINE DIAGRAM, EXISTING AND NEW
E502 – ELECTRICAL FIRE ALARM RISER DIAGRAM AND DETAILS
E601 – ELECTRICAL SCHEDULES
E602 – ELECTRICAL SCHEDULES CONTINUED

ANNOTATIONS

OD = OVERHEAD DOOR
CTP = COUNTER–TOP HEIGHT
GFCI = GROUND FAULT CIRCUIT INTERRUPTER
F = REFRIGERATOR
M = MICROWAVE
PD = POWER DOORS
FN = FORENSICS NETWORK DATA OUTLET
E = EXISTING EQUIPMENT TO REMAIN
R = EXISTING EQUIPMENT TO BE REMOVED
RL = EXISTING EQUIPMENT TO BE RELOCATED
NL = NEW LOCATION FOR RELOCATED EQUIPMENT
WF = WATER FOUNTAIN
TP = TRAP PRIMER

GENERAL DEMOLITION NOTES:

A. THESE NOTES ARE TO BE READ IN CONJUNCTION WITH SPECIFICATION SECTION 26 05 00.

B. CONTRACTOR MUST VERIFY EXTENT OF WORK AS WELL AS ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWINGS.

C. DRAWINGS DO NOT NECESSARILY SHOW FULL EXTENT OF DEMOLITION.

D. REFER TO ARCH., MECH., AND ELECT. DRAWINGS AND SPECIFICATIONS FOR EXTENT OF WORK AND COORDINATE WITH OTHER TRADES PRIOR TO THE COMMENCEMENT OF ANY WORK.

E. DURING CONSTRUCTION, REMOVE AND CAREFULLY STORE ANY EXISTING FIXTURES, EQUIPMENT, ETC. TO REMAIN OR BE RELOCATED, AND RE–INSTALL AFTER CONSTRUCTION HAS BEEN COMPLETED.

F. ANY BREAKERS NO LONGER REQUIRED AS A RESULT OF THIS WORK ARE TO BE RE–LABELLED AS 'SPARE'. PROVIDE NEW PANEL SCHEDULES FOR ALL ELECTRICAL PANELS IN THE BUILDING AT COMPLETION OF PROJECT. IF ANY LOADS ARE UNKNOWN AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL INVESTIGATE AND UPDATE THE PANEL SCHEDULES ACCORDINGLY.

G. CONTRACTOR TO PROVIDE BLANK COVER PLATES FOR EXISTING JUNCTION BOXES AS REQUIRED.

H. RE–SUPPORT EXISTING CONDUITS AS REQUIRED.

I. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT FOR ALL EXISTING DEVICES AS REQUIRED DURING CONSTRUCTION. IF DISCONNECTION OF EXISTING DEVICES IS NECESSARY, CONTRACTOR SHALL RE–INSTATE SAME TO THE REQUIREMENTS OF THE SPECIFICATION.

SCALE : 1:1
0mm 10 20 30 40 50 60 70 80 90 100mm

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

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ARGO BUILDING BEDFORD INSTITUTE OF OCEANOGRAPHY

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ELECTRICAL LEGEND

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PWGSC B1 (200-)