



LIGHTING SYMBOL SCHEDULE FLOOR PLANS

[Symbol]	SURFACE MOUNTED FLUORESCENT LUMINAIRE 1x4 (305x120mm), LENGTH AS INDICATED
[Symbol]	SURFACE MOUNTED FLUORESCENT LUMINAIRE 2x2 (610x610mm)
[Symbol]	SURFACE MOUNTED FLUORESCENT LUMINAIRE 2x4 (610x1220mm)
[Symbol]	RECESSED MOUNTED FLUORESCENT LUMINAIRE 1x4 (305x120mm), LENGTH AS INDICATED
[Symbol]	RECESSED MOUNTED FLUORESCENT LUMINAIRE 2x2 (610x610mm)
[Symbol]	RECESSED MOUNTED FLUORESCENT LUMINAIRE 2x4 (610x1220mm)
[Symbol]	SUSPENDED MOUNTED FLUORESCENT LUMINAIRE
[Symbol]	SURFACE MOUNTED FLUORESCENT STRIP LUMINAIRE 150mm (6in) WIDE, LENGTH AS INDICATED
[Symbol]	RECESSED MOUNTED FLUORESCENT STRIP LUMINAIRE 150mm (6in) WIDE, LENGTH AS INDICATED
[Symbol]	SURFACE MOUNTED TRACK LUMINAIRE, LENGTH AS INDICATED, NUMBER OF HEADS INDICATED
[Symbol]	WALL MOUNTED FLUORESCENT LUMINAIRE, LENGTH AS INDICATED
[Symbol]	SURFACE CEILING MOUNTED LUMINAIRE
[Symbol]	WALL MOUNTED LUMINAIRE
[Symbol]	RECESSED DOWNLIGHT LUMINAIRE (DIRECTIONAL ARROWS FOR WALL WASH WHERE INDICATED)
[Symbol]	LED DOCK LIGHT
[Symbol]	FLUSH WALL MOUNTED LUMINAIRE
[Symbol]	SURFACE MOUNTED FLUORESCENT LUMINAIRE 1x4 (305x120mm) ON EMERGENCY CIRCUIT
[Symbol]	SURFACE MOUNTED FLUORESCENT LUMINAIRE 2x2 (610x610mm) ON EMERGENCY CIRCUIT
[Symbol]	SURFACE MOUNTED FLUORESCENT LUMINAIRE 2x4 (610x1220mm) ON EMERGENCY CIRCUIT
[Symbol]	RECESSED MOUNTED FLUORESCENT LUMINAIRE 1x4 (305x120mm) ON EMERGENCY CIRCUIT
[Symbol]	RECESSED MOUNTED FLUORESCENT LUMINAIRE 2x2 (610x610mm) ON EMERGENCY CIRCUIT
[Symbol]	RECESSED MOUNTED FLUORESCENT LUMINAIRE 2x4 (610x1220mm) ON EMERGENCY CIRCUIT
[Symbol]	SUSPENDED MOUNTED FLUORESCENT LUMINAIRE ON EMERGENCY CIRCUIT
[Symbol]	SURFACE MOUNTED FLUORESCENT STRIP LUMINAIRE 150mm (6in) WIDE, LENGTH AS INDICATED, ON EMERGENCY CIRCUIT
[Symbol]	RECESSED MOUNTED FLUORESCENT STRIP LUMINAIRE 150mm (6in) WIDE, LENGTH AS INDICATED, ON EMERGENCY CIRCUIT
[Symbol]	SURFACE MOUNTED TRACK LUMINAIRE, LENGTH AS INDICATED, NUMBER OF HEADS INDICATED, ON EMERGENCY CIRCUIT
[Symbol]	WALL MOUNTED FLUORESCENT LUMINAIRE, LENGTH AS INDICATED, ON EMERGENCY CIRCUIT
[Symbol]	SURFACE CEILING MOUNTED LUMINAIRE ON EMERGENCY CIRCUIT
[Symbol]	WALL MOUNTED LUMINAIRE ON EMERGENCY CIRCUIT
[Symbol]	FLUSH WALL MOUNTED LUMINAIRE ON EMERGENCY CIRCUIT
[Symbol]	RECESSED DOWNLIGHT LUMINAIRE ON EMERGENCY CIRCUIT (DIRECTIONAL ARROWS FOR WALL WASH WHERE INDICATED)
[Symbol]	CEILING MOUNTED EXIT LIGHT, ARROW INDICATES DIRECTION
[Symbol]	WALL MOUNTED EXIT LIGHT, ARROW INDICATES DIRECTION
[Symbol]	SINGLE POLE SWITCH (LETTER INDICATES SWITCH LEG)
[Symbol]	THREE WAY SWITCH (LETTER INDICATES SWITCH LEG)
[Symbol]	FOUR WAY SWITCH (LETTER INDICATES SWITCH LEG)
[Symbol]	DIMMER SWITCH (LETTER INDICATES SWITCH LEG)
[Symbol]	2-POLE SWITCH (LETTERS INDICATE SWITCH LEGS)
[Symbol]	TRIMMER SWITCH
[Symbol]	SWITCH WITH PILOT LIGHT
[Symbol]	KEYED SWITCH
[Symbol]	HORSE POWER RATED SWITCH
[Symbol]	WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH (MANUAL ON/AUTO/OFF)
[Symbol]	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR
[Symbol]	CEILING MOUNTED DAYLIGHT SENSOR
[Symbol]	WALL MOUNTED LOW VOLTAGE SWITCH (LETTER INDICATES SWITCH LEG)
[Symbol]	LOW VOLTAGE SWITCH DUAL TECHNOLOGY OCCUPANCY SENSOR (LETTER INDICATES SWITCH LEG)
[Symbol]	LOW VOLTAGE DIMMER SWITCH (LETTER INDICATES SWITCH LEG)
[Symbol]	LOW VOLTAGE LIGHTING PANEL
[Symbol]	WALL MOUNTED DOUBLE-HEAD EMERGENCY LIGHTS
[Symbol]	CEILING MOUNTED DOUBLE-HEAD EMERGENCY LIGHTS
[Symbol]	EMERGENCY BATTERY PACK UNIT C/W REMOTE HEADS (CONNECT W/ RECEPTACLE AT UNIT)

POWER SYMBOL SCHEDULE FLOOR PLANS

[Symbol]	15A-120V, SINGLE RECEPTACLE
[Symbol]	15A-120V, DUPLEX RECEPTACLE
[Symbol]	15A-120V, GROUND FAULT CIRCUIT INTERRUPTOR RECEPTACLE
[Symbol]	15A-120V, ISOLATED GROUND ORANGE DUPLEX RECEPTACLE
[Symbol]	15A-120V, SWITCHED RECEPTACLE
[Symbol]	15A-120V, DUPLEX GROUNDED RECEPTACLE C/W SURGE SUPPRESSION
[Symbol]	15A-120V, TWIST-LOCK DUPLEX RECEPTACLE (TYPE AS NOTED)
[Symbol]	15A-120V, DUPLEX GFCI RECEPTACLE WITH WET LOCATION RATED COVER
[Symbol]	15A-120V, DUPLEX RECEPTACLE SURGE SUPPRESSION DEVICE
[Symbol]	15A/20A-120V, T SLOT RECEPTACLE
[Symbol]	SPECIAL RECEPTACLE (AS NOTED)
[Symbol]	15A-120V, QUADRUPEX RECEPTACLE
[Symbol]	FLUSH FLOOR MOUNTED OUTLET BOX WITH DEVICES AS SHOWN
[Symbol]	MULTI-PURPOSE FLOOR BOX, REFER TO CORRESPONDING KEYNOTE ON DWG. FOR DEVICE INFORMATION
[Symbol]	CEILING MOUNTED OUTLET BOX WITH DEVICES AS SHOWN
[Symbol]	DIRECT EQUIPMENT CONNECTION
[Symbol]	MOTOR CONNECTION
[Symbol]	MOTOR CONNECTION C/W DISCONNECT
[Symbol]	UNFUSED DISCONNECT SWITCH
[Symbol]	FUSED DISCONNECT SWITCH
[Symbol]	COMBINATION MAGNETIC MOTOR STARTER
[Symbol]	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH C/W HOA
[Symbol]	VARIABLE SPEED DRIVE
[Symbol]	HAND/OFF/AUTO SWITCH
[Symbol]	CEILING MOUNTED JUNCTION BOX
[Symbol]	WALL MOUNTED JUNCTION BOX
[Symbol]	FLOOR MOUNTED JUNCTION BOX
[Symbol]	INDOOR SERVICE POLE (PAC POLE)
[Symbol]	ELECTRICAL BASEBOARD HEATER (WATTAGE AS INDICATED)
[Symbol]	ELECTRICAL UNIT HEATER
[Symbol]	ELECTRICAL FORCE FLOW HEATER (SURFACE MOUNTED)
[Symbol]	ELECTRICAL FORCE FLOW HEATER (RECESSED MOUNTED)
[Symbol]	ELECTRICAL FORCE FLOW HEATER (CEILING MOUNTED)
[Symbol]	THERMOSTAT (VOLTAGE AS SPECIFIED)
[Symbol]	"MUSHROOM" TYPE PUSHBUTTON
[Symbol]	HANDS-FREE DOOR OPERATOR DEVICE
[Symbol]	BARRIER-FREE PUSHBUTTON
[Symbol]	DOOR OPERATOR PUSHBUTTON
[Symbol]	DRY TYPE POWER TRANSFORMER (OUTSIDE BOX INDICATES HOUSEKEEPING PAD)
[Symbol]	POWER PANEL, RECESS MOUNTED
[Symbol]	POWER PANEL, SURFACE MOUNTED
[Symbol]	CENTRAL DISTRIBUTION PANEL (CDP)
[Symbol]	CENTRAL DISTRIBUTION PANEL (CDP)
[Symbol]	SPLITTER
[Symbol]	UTILITY POWER METER
[Symbol]	DIGITAL METER
[Symbol]	ASTRONOMICAL TIME CLOCK
[Symbol]	(+ = MOUNTING HEIGHT - TYPICAL FOR ALL)

FIRE ALARM SYSTEM SYMBOL SCHEDULE

[Symbol]	PULL STATION
[Symbol]	HEAT DETECTOR (F-T=FIXED TEMPERATURE, RR=RATE OF RISE)
[Symbol]	SMOKE DETECTOR
[Symbol]	DUCT SMOKE DETECTOR
[Symbol]	SMOKE ALARM (CO=CO DETECTOR COMBINATION SMOKE ALARM)
[Symbol]	FIRE ALARM BELL
[Symbol]	FIRE ALARM HORN
[Symbol]	FIRE ALARM SPEAKER
[Symbol]	FIRE ALARM HORN AND STROBE
[Symbol]	FIRE ALARM SPEAKER AND STROBE
[Symbol]	FIRE ALARM REMOTE LED INDICATOR
[Symbol]	FIRE ALARM FLOW SWITCH CONNECTION
[Symbol]	FIRE ALARM PRESSURE SWITCH CONNECTION
[Symbol]	FIRE ALARM TAMPER DEVICE CONNECTION
[Symbol]	FIRE ALARM END-OF-LINE (EOL)
[Symbol]	FIRE ALARM MONITORING MODULE
[Symbol]	FIRE ALARM CONTROL MODULE
[Symbol]	FIRE ALARM ISOLATION MODULE
[Symbol]	FIRE ALARM CONTROL PANEL
[Symbol]	FIRE ALARM ANNUNCIATOR PANEL
[Symbol]	FIRE ALARM PASSIVE GRAPHIC DISPLAY
[Symbol]	FIRE ALARM DOOR HOLD OPEN DEVICE (F=FLOOR MOUNTED)
[Symbol]	FIRE ALARM DOOR CLOSER DEVICE
[Symbol]	FIRE ALARM EMERGENCY TELEPHONE
[Symbol]	DIGITAL ALARM COMMUNICATOR TRANSMITTER

ACCESS CONTROL SYSTEM SYMBOL SCHEDULE

[Symbol]	ACCESS CARD READER
[Symbol]	ELECTRIC DOOR STRIKE
[Symbol]	REQUEST TO EXIT SENSOR
[Symbol]	MAGNETIC DOOR LOCK (MAGLOCK)
[Symbol]	ELECTRIC DOOR LOCK
[Symbol]	REMOTE DOOR RELEASE PUSHBUTTON
[Symbol]	KEY SWITCH OVERRIDE FOR ELECTRIC MAGNETIC LOCK
[Symbol]	AUTOMATIC CONTROL UNIT (MOUNTED ABOVE DOOR ON SECURED SIDE)

COMMUNICATION SYSTEM SYMBOL SCHEDULE

[Symbol]	ANALOG TELEPHONE OUTLET (# INDICATES NO. OF TELEPHONE DROPS, * INDICATES HEIGHT, TYPICAL FOR ALL)
[Symbol]	COMMUNICATIONS OUTLET (# INDICATES NO. OF DROPS)
[Symbol]	WIRELESS ACCESS POINT
[Symbol]	FIBRE OUTLET
[Symbol]	AUDIOVISUAL OUTLET
[Symbol]	COAX OUTLET (CATV)
[Symbol]	TELEPHONE OUTLET (FLOOR MOUNTED)
[Symbol]	COMMUNICATIONS OUTLET (FLOOR MOUNTED)
[Symbol]	COMMUNICATIONS OUTLET (CEILING MOUNTED)
[Symbol]	CABLE TRAY (SIZED AS SHOWN)
[Symbol]	COPPER BUSS BAR (PRE-DRILLED)

SECURITY SYSTEM SYMBOL SCHEDULE

[Symbol]	DOOR RELEASE RELAY
[Symbol]	DOOR POSITION CONTACT
[Symbol]	DOUBLE DETECTION MOTION DETECTOR
[Symbol]	CEILING MOUNTED 360° MOTION DETECTOR
[Symbol]	LOCAL AUDIBLE DOOR ALARM
[Symbol]	WINDOW BREAK DETECTOR
[Symbol]	SECURITY SIRENHORN
[Symbol]	SECURITY KEYPAD
[Symbol]	INTRUDER CONTROL PANEL
[Symbol]	PUSHBUTTON
[Symbol]	DURESS ALARM STROBE

CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM SYMBOL SCHEDULE

[Symbol]	CEILING MOUNTED CCTV VIDEO SURVEILLANCE CAMERA
[Symbol]	WALL MOUNTED CCTV VIDEO SURVEILLANCE CAMERA
[Symbol]	CEILING MOUNTED VIDEO SURVEILLANCE CAMERA, PAN, TILT, ZOOM
[Symbol]	WALL MOUNTED VIDEO SURVEILLANCE CAMERA, PAN, TILT, ZOOM
[Symbol]	CCTV VIDEO SURVEILLANCE CAMERA IN DOME
[Symbol]	CCTV VIDEO MONITOR

SITE SYMBOL SCHEDULE

[Symbol]	EXTERIOR LUMINAIRE WITH POLE ASSEMBLY
[Symbol]	EXTERIOR LUMINAIRE WITH POLE ASSEMBLY ON EMERGENCY CIRCUIT
[Symbol]	EXTERIOR BOLLARD WITH LUMINAIRE
[Symbol]	EXTERIOR BOLLARD WITH LUMINAIRE ON EMERGENCY CIRCUIT
[Symbol]	EXTERIOR BOLLARD WITH NO LUMINAIRE
[Symbol]	WALL MOUNTED WEATHERPROOF PHOTOCELL
[Symbol]	POWER POLE
[Symbol]	UTILITY TRANSFORMER C/W CONCRETE PAD
[Symbol]	PRIMARY UTILITY POWER CONDUIT
[Symbol]	UNDERGROUND POWER CONDUIT
[Symbol]	OVERHEAD POWER CABLE
[Symbol]	CONCRETE ENCASED TRENCH
[Symbol]	CONCRETE PULL BOX
[Symbol]	CONCRETE PULL PIT
[Symbol]	MANHOLE
[Symbol]	PULL BOX (FIBRE GLASS, PVC, ETC.)
[Symbol]	OVERHEAD UTILITY SERVICE MAST

ANNOTATIONS

NL	NIGHT LIGHT
BND	BOND WIRE (AS PER SPECIFICATIONS)
GND	GROUND WIRE (R)
CW	COMPLETE WITH
DISC	DISCONNECT
RR	REMOVE
EX	EXISTING TO REMAIN
ER	EXISTING TO BE RELOCATED
RE	REPLACE EXISTING WITH NEW DEVICE IN SAME LOCATION
RL	EXISTING DEVICE IN RELOCATED LOCATION
F/A	FIRE ALARM
GFI	GROUND FAULT INTERRUPTOR
SPD	SURGE PROTECTION DEVICE
TR	TAMPER RESISTANT
WP	WEATHERPROOF
WT	WATER TIGHT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
mp	MOTOR PROTECTION
[Symbol]	MECHANICAL EQUIPMENT TAG
[Symbol]	REFERENCE NOTE (1 DENOTES SEE NOTE 1)
[Symbol]	KITCHEN EQUIPMENT TAG
[Symbol]	OWNER SUPPLIED EQUIPMENT TAG
[Symbol]	CONDUIT TAG
[Symbol]	REVISION IDENTIFICATION TAG
[Symbol]	PANEL IDENTIFICATION TAG
[Symbol]	NEW EQUIPMENT
[Symbol]	EXISTING EQUIPMENT TO REMAIN
[Symbol]	EXISTING EQUIPMENT TO BE REMOVED

SINGLE LINE DIAGRAM SYMBOL SCHEDULE

[Symbol]	LV CIRCUIT BREAKER
[Symbol]	LV CIRCUIT BREAKER WITH STAB CONNECTORS (DRAWOUT CONTACTS)
[Symbol]	DISCONNECT SWITCH
[Symbol]	LOAD BREAK SWITCH
[Symbol]	FUSED CUTOFF (POLE MOUNTED)
[Symbol]	FUSED SWITCH
[Symbol]	FUSE
[Symbol]	FORM-C CONTROL CONTACT
[Symbol]	N.O. CONTACT (ALTERNATE)
[Symbol]	N.C. CONTACT (ALTERNATE)
[Symbol]	CAPACITOR
[Symbol]	GROUND
[Symbol]	UTILITY POWER METER
[Symbol]	CONNECTION POINT
[Symbol]	AC GENERATOR SET
[Symbol]	D-Y GROUND (Y-Y GROUND)
[Symbol]	TRANSFORMER
[Symbol]	PANEL 'A'

DRAWING LIST	
SHEET NUMBER	SHEET NAME
EB-001	ELECTRICAL LEGEND AND DRAWING LIST
EB-002	ELECTRICAL LIGHTING PLAN
EB-003	ELECTRICAL POWER AND TELECOMMUNICATIONS PLAN
EB-004	ELECTRICAL FIRE ALARM SYSTEM
EB-005	ELECTRICAL CCTV, INTRUSION DETECTION AND DURESS SYSTEMS PLAN
EB-006	ELECTRICAL SCHEDULES

NOT FOR CONSTRUCTION FOR INFORMATION PURPOSES ONLY

Revision/Revisión	Description/Description	Date/Date
5		
4		
3	RE-ISSUED FOR CONCEPTUAL DESIGN	15/05/12
2	RE-ISSUED FOR CONCEPTUAL DESIGN	15/05/05
1	ISSUED FOR CONCEPTUAL DESIGN	15/04/21
0	ISSUED FOR 60% REVIEW	14/12/10

CANADA BORDER SERVICES AGENCY

STEWART PORT OF ENTRY REDEVELOPMENT STEWART, B.C.

Consultant Signature Only
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ELECTRICAL LEGEND AND DRAWING LIST

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.071365.001	EB-001	3
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