

V:\Projects\2013\131-12992-04 PWGSC CBESA Stewart PoE New Building Development - Elec\Prefabricated Building WSP Data Production\131-12992-04-E-001-12/05/2015 9:27 AM - TYLER.DAVIDSON

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

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

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

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

COMMUNICATION SYSTEM SYMBOL SCHEDULE	
	ANALOG TELEPHONE OUTLET (# INDICATES NO. OF TELEPHONE DROPS, + INDICATES HEIGHT, TYPICAL FOR ALL)
	COMMUNICATIONS OUTLET (# INDICATES NO. OF DROPS)
	WIRELESS ACCESS POINT
	FIBRE OUTLET
	AUDIO/VISUAL OUTLET
	COAX OUTLET (CATV)
	TELEPHONE OUTLET (FLOOR MOUNTED)
	COMMUNICATIONS OUTLET (FLOOR MOUNTED)
	COMMUNICATIONS OUTLET (CEILING MOUNTED)
	CABLE TRAY (SIZED AS SHOWN)
	COPPER BUSS BAR (PRE-DRILLED)

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

CLOSED CIRCUIT TELEVISION (CCTV) SYSTEM SYMBOL SCHEDULE	
	CEILING MOUNTED CCTV VIDEO SURVEILLANCE CAMERA
	WALL MOUNTED CCTV VIDEO SURVEILLANCE CAMERA
	CEILING MOUNTED VIDEO SURVEILLANCE CAMERA, PAN, TILT, ZOOM
	WALL MOUNTED VIDEO SURVEILLANCE CAMERA, PAN, TILT, ZOOM
	CCTV VIDEO SURVEILLANCE CAMERA IN DOME
	CCTV VIDEO MONITOR

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

ANNOTATIONS	
NL	NIGHT LIGHT
BND	BOND WIRE (AS PER SPECIFICATIONS)
GND	GROUND WIRE (Ø)
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
	MECHANICAL EQUIPMENT TAG
	REFERENCE NOTE (1 DENOTES SEE NOTE 1)
	KITCHEN EQUIPMENT TAG
	OWNER SUPPLIED EQUIPMENT TAG
	CONDUIT TAG
	REVISION IDENTIFICATION TAG
	PANEL IDENTIFICATION TAG
	NEW EQUIPMENT
	EXISTING EQUIPMENT TO REMAIN
	EXISTING EQUIPMENT TO BE REMOVED

SINGLE LINE DIAGRAM SYMBOL SCHEDULE	
	LV CIRCUIT BREAKER
	LV CIRCUIT BREAKER WITH STAB CONNECTORS (DRAWOUT CONTACTS)
	DISCONNECT SWITCH
	LOAD BREAK SWITCH
	FUSED CUTOUT (POLE MOUNTED)
	FUSED SWITCH
	FORM-C CONTROL CONTACT
	N.O. CONTACT (ALTERNATE)
	N.C. CONTACT (ALTERNATE)
	CAPACITOR
	GROUND
	UTILITY POWER METER
	CONNECTION POINT
	AC GENERATOR SET
	D-Y GROUND / Y-Y GROUND
	TRANSFORMER
	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

Public Works and Government Services Canada
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STEWART, B.C.

Consultant Signature Only

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