

SYMBOL	LEGEND
	LIGHT FIXTURE: LETTER INDICATES TYPE IN FIXTURE SCHEDULE.
	120V-1P TOGGLE SWITCH-M.H. 1200mm A.F.
	GANGED SWITCHES C/W COMMON COVERPLATE.
	15A-120V DUPLEX RECEPTACLE.
	JUNCTION BOX.
	DIRECT CONNECTION.
	QUAD RECEPTACLE (2 GANGED DUPLEX RECEPTACLES).
	PRE-WIRED RECEPTACLE IN OFFICE FURNITURE.
	HEAVY DUTY 30A 208V, 3Ø DISCONNECT. EATON, SCHNEIDER, SQUARE D OR EQUIVALENT.
	RECESSED FLOOR BOX C/W TWO (2) DATA OUTLETS AND ONE (1) DUPLEX RECEPTACLE. DATA CABLING BY OTHERS.
	HOME RUN; CROSS HATCHES OR NUMBER INDICATE NUMBER OF WIRES, NO CROSS HATCHES OR NUMBER INDICATE 2#12 RW90 IN 16mm EMT OR BX FOR LIGHTING AND RECEPTACLES AND 2#12 IN 12mm EMT OR BX FOR POWER AND HEATING. 2#10 -INDICATES 2#10 WIRES IN CONDUIT SIZED TO C.E.C.
	DATA OUTLET C/W CABLING TO TELECOMMUNICATIONS CLOSET BY CABLING CONTRACTOR. 27mm EMT STUBBED TO WITHIN 150mm OF NEAREST J-HOOK OR CABLETRAY AND BOXES C/W PULLSTRING (WHERE DEVICES ARE IN WALLS) BY ELECTRICAL CONTRACTOR. '2'-NUMBER OF DATA DROPS.
	TELEPHONE OUTLET C/W CABLING BY CABLING CONTRACTOR. BOXES C/W PULLSTRING BY ELECTRICAL CONTRACTOR.
	EXISTING BASEBOARD HEATER.
	EXISTING FORCED AIR HEATER.
	EXISTING SINGLE PHASE MOTOR BY MECHANICAL, WIRED BY ELECTRICAL CONTRACTOR. '1/4' INDICATES HORSEPOWER.
	EXISTING FIRE ALARM INTERFACE MODULE.
	EXISTING FIRE ALARM PANEL.
	EXISTING FIRE ALARM PULL STATION.
	FIRE ALARM BELL TO MATCH EXISTING.
	FIRE ALARM THERMAL DETECTOR.
	END OF LINE DEVICE.
	NEW FIRE ALARM STROBE.
	EXISTING FIRE ALARM SYSTEM ISOLATION MODULE.
	EXISTING CARBON MONOXIDE SENSOR BY MECHANICAL, 21mm EMT & PULLSTRING TO CONTROL PANEL BY ELECTRICAL CONTRACTOR. MOUNTED 1.8m A.F.F.
	200A OR 225A, 120/208V, 3Ø, 4W PANELBOARD. SEE PANEL SCHEDULES FOR BREAKER LAYOUTS AND REQUIREMENTS. PROVIDE TYPED UPDATED PANEL SCHEDULE.
	WIRE & CONDUIT IN OR BELOW FLOOR SLAB OR BELOW GRADE.
	HEATING CONTROL RELAY C/W EEMAC 1 ENCLOSURE. SUPPLIED AND INSTALLED BY MECHANICAL, 347V WIRING BY ELECTRICAL CONTRACTOR.
	305mm W x 103mm D BASKET TRAY.
	27mm CONDUIT STUB ABOVE CEILING C/W BUSHING AND PULLSTRING.
	CONDUIT OR CABLE UP.
	CONDUIT OR CABLE DOWN.
	ACCESS CONTROL PANEL (C/W TRANSFORMER, BATTERY & DOOR CONTROL MODULES).
	PROXIMITY CARD READER.
	ELECTRIC STRIKE BY DOOR HARDWARE SUPPLIER, WIRED BY ELECTRICAL CONTRACTOR.
	ACCESS CONTROL DOOR RELEASE BUTTON.
	COMPUTER FOR ACCESS CONTROL SYSTEM BY OTHERS.
	CEILING MOUNTED OCCUPANCY SENSOR.

SYMBOL	LEGEND
	LOUD SPEAKER FOR SOUND MASKING - MOUNTED IN CEILING SPACE. '1'-ZONE NUMBER.
	10RU RACK C/W GENERATOR, AMPLIFIERS, EQUALIZER & ATTENUATORS FOR SOUND MASKING (WHITE NOISE) SYSTEM. COORDINATE LOCATION ON SITE.
	103mm SINGLE SIDED J-HOOK SPACED A MAXIMUM 1500mm APART.
	HAND-OFF-AUTO SWITCH BOX FOR EXHAUST FAN SUPPLIED AND INSTALLED BY CONTROLS CONTRACTOR, LINE VOLTAGE WIRING TO HOA SWITCH BOX AND BETWEEN HOA SWITCH BOX AND EXHAUST FAN BY ELECTRICAL CONTRACTOR.
	DUCT HEATER COIL SUPPLIED AND INSTALLED BY MECHANICAL, WIRED BY ELECTRICAL CONTRACTOR; 'TU101'-HEATER NUMBER; '1.4'-INDICATES KILOWATT OUTPUT.
	EXISTING HUMIDIFIER TO BE RELOCATED AS SHOWN BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO SUPPLY & INSTALL JUNCTION BOX AT OLD LOCATION, COORDINATING WITH MECHANICAL CONTRACTOR AND PROVIDE POWER/CONTROL WIRING & CONDUIT TO NEW LOCATION OF HUMIDIFIER. ADHERE TO C.E.C. 2012 REQUIREMENTS.
	NEW AIR HANDLING UNIT 5HP, 600V, 3Ø MOTOR SUPPLIED & INSTALLED BY MECHANICAL, WIRED BY ELECTRICAL CONTRACTOR TO EXISTING MOTOR STARTER/DISCONNECT FROM CELL #3 OF PANEL 'PA'.
	NEW 20kW 600V, 3Ø HEATING COIL SUPPLIED & INSTALLED BY MECHANICAL, WIRED BY ELECTRICAL CONTRACTOR TO EXISTING SILICON CONTROLLER RECTIFIER AND FUSED DISCONNECT FROM CELL #3 OF PANEL 'PA'.
	NEW 120V, 500W BASEBOARD HEATER C/W BUILT IN THERMOSTAT.

SYMBOL	LEGEND
	THERMOSTAT BY MECHANICAL CONTRACTOR. BACK BOX & CONDUIT TO CEILING SPACE BY ELECTRICAL CONTRACTOR.
	SENSOR BY MECHANICAL CONTRACTOR. BACK BOX & CONDUIT TO CEILING SPACE BY ELECTRICAL CONTRACTOR.
SUBSCRIPTS	
A	MOUNTING HEIGHT 150mm ABOVE COUNTER
D	DIMMING
E	EXISTING TO REMAIN (CONDUIT TO CEILING & DEVICE - NEW WIRING TO CIRCUIT INDICATED)
G	GROUND FAULT
OC	WALL MOUNTED OCCUPANCY SENSOR (DUAL TECHNOLOGY)
2	2-SIDED
3	3-WAY
20	20A CSA 5-20R RECEPTACLE

NOTES	
1.	A NEW 150A, 3 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR IN SPARE SPACE WITHIN EXISTING PANEL 'PB' TO FEED NEW RECESSED PANEL 'BC' IN HALLWAY B15 (APPROXIMATELY 16m AWAY) C/W 4#1/0 CU + 1#6 CU GND IN 53mm EMT.

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Stamp / Etampe

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3	99% REVIEW SUBMISSION 2015.04.10
2	50% REVIEW SUBMISSION 2014.10.10
1	DESIGN DEVELOPMENT REVIEW 2014.09.12

project / projet

**CFIA FIT-UP
WOODSTOCK GOVERNMENT OF
CANADA BUILDING
680 MAIN STREET
WOODSTOCK, NB**

drawing / dessin

ELECTRICAL LEGEND & PANEL SCHEDULE	
designed	SHAWN CHISHOLM / conçu
date	2015.05.26
drawn	JODI PARKER / dessiné
date	2015.05.26
approved	TRACEY MCDADE, P.ENG. / approuvé
date	2015.05.26
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
R.067717.001	
drawing no.	no. du dessin
E1 of 4	

NEW PANEL: 'BC' ROOM B15
POWER SUPPLY: 120/208V, 3PH, 4W FED FROM PANEL 'PB' EATON, SQUARE D, SCHNEIDER OR EQUIVALENT
MAINS: 225A
NUMBER OF CIRCUITS: 72

DESCRIPTION	WATTAGE			#	BKR	CIRCUIT	BKR	#	WATTAGE			DESCRIPTION
	A	B	C						A	B	C	
OFFICE FURNITURE - B18	480			1	15	1	a	2	20	1	1162	RMS 18A,18B,18C,18D, B21, B25, B26-LTS
OFFICE FURNITURE - B18		480		1	15	3	b	4	20	1	1114	RMS B16, B17, B19, B22, B24 - LTS
OFFICE FURNITURE - B18			480	1	15	5	c	6	20	1		SPARE
THERMAL UNITS C,D,I	866			7	a	8	20	1				SPARE
		866		9	b	10	20	1				SPARE
			867	11	c	12	20	1				SPARE
THERMAL UNITS X, TU01, TU102	1666			13	a	14	20	1				SPARE
		1666		15	b	16	15	1				SPARE
			1667	17	c	18	15	1				SPARE
RM B20 - RECEPITS	480			1	15	19	a	20	15	1		SPARE
RM B19 - RECEPITS		480		1	15	21	b	22	15	1		SPARE
RM B25 - RECEPITS			360	1	20	23	c	24	15	1		SPARE
RM B25 - FAX	1000			1	20	25	a	26				
RM B25 - PRINTER		1000		1	20	27	b	28				
ACCESS CONTROL PANEL			500	1	15	29	c	30				
RM B17 - GPI RECEPIT	120			1	20	31	a	32				
RM B17 - GPI RECEPIT		120		1	20	33	b	34				
RM B17 - COUNTER RECEPIT			120	1	20	35	c	36				
RM B17 - COUNTER RECEPIT	120			1	20	37	a	38				
RM B16 - GPI COUNTER RECEPIT		120		1	20	39	b	40				
RM B13 - SOUND MASKING RECEPIT			1000	1	20	41	c	42				
RM B13 - GENERAL RECEPIT	120			1	20	43	a	44				
CFIA HALLWAY-RECEPITS		240		1	20	45	b	46				
RM B16 - MICROWAVE			1000	1	20	47	c	48				
RM B16 - GPI COUNTER RECEPIT	120			1	20	49	a	50				
RMS B16, B26-GENERAL RECEPITS		600		1	15	51	b	52				
RM B16-FRIDGE			600	1	15	53	c	54				
RM B13-DATA RECEPIT	1000			1	20	55	a	56				
RM B13 - GENERAL RECEPIT		120		1	20	57	b	58				
RM B24-RECEPITS			360	1	15	59	c	60				
RM B24-RECEPITS	360			1	15	61	a	62				
RM B24 - IN CEILING RECEPIT		120		1	15	63	b	64				
RM B17-FREEZER			500	1	15	65	c	66				
RM B17-FRIDGE	600			1	15	67	a	68				
RM B17-1/4 HP EXHAUST FAN		667		1	15	69	b	70				
RM B17 - BB HEAT			500	1	15	71	c	72	15	1	100	EXIT LTS
PHASE LOADS:	6932	6479	7954						1162	1114	100	
TOTAL LOAD:	23741											
TOTAL PHASE LOADS	8094	7593	8054									
+/- 5%	7537	8309										
CURRENT (A) @ 208V:	66											

(GFI) - GROUND FAULT INTERRUPT BREAKER
(+) - LOCKING BREAKER

1 PANEL SCHEDULE
E1 SCALE N.T.S.

SCALE : N.T.S./P.É.

