
























Remarks	Power:	120/240	V	1	ø	3	W		PANEL	Y						SYM. IC.:		-	A		
	# OF CKTS.:	42							LOCATION	ELECTRICAL ROOM						MAINS:		225	A		
	INCOMING:													MAIN BKR:		-	A				
	Designation								CKT #	Watts	BKR	a	b	BKR	Watts	CKT#	Designation				Remarks
	WASHROOM								1		15A	X		15A		2	EMERGENCY & EXIT LIGHTS				
	CORRIDOR PLUGS 219								3		15A		X	15A		4	UNKNOWN				
	WALL PLUGS ROOM 220								5		15A	X		15A		6	COLUMN PLUGS ROOM 220				
	WALL PLUGS ROOM 220								7		15A		X	15A		8	COLUMN PLUGS ROOM 220				
	WALL PLUGS ROOM 220								9		15A	X		15A		10	COLUMN PLUGS ROOM 220				
	WALL PLUGS ROOM 220								11		15A		X	15A		12	COLUMN PLUGS ROOM 220				
	ELECTRICAL ROOM LIGHT								13		15A	X		15A		14	PLUGS ROOM 217				
	PLUGS CORRIDOR 209								15		15A		X	15A		16	PLUGS ROOM 217				
	PLUGS CORRIDOR 209								17		15A	X		15A	70	18	LIGHTS ROOM 303				
	JB CEILING ROOM 220								19		15A		X	15A		20	WORK STATION IN FIANCE				
	JB CEILING ROOM 220								21		15A	X		15A		22	JB CEILING ROOM 220				
	JB CEILING ROOM 220								23		15A		X	15A		24	TUNNEL LIGHTS				
	3RD FLOOR COPIER								25		15A	X		15A		26	TUNNEL LIGHTS				
	PUMP #13 TUNNEL								27		15A		X	15A		28	PUMP #14 TUNNEL				
	LIBRARY STACK LIGHTS								29		15A	X		15A		30	LIBRARY STACK LIGHTS				
	LIBRARY STACK LIGHTS								31		15A		X	15A		32	LIBRARY STACK LIGHTS				
	OUTSIDE LIGHT ON HOLLAND & 2 PACK POLE RM 217								33		15A	X		15A		34	LIBRARY STACK LIGHTS				
	1 PACK POLE ROOM 217								35		15A		X	15A		36	PLUG MACHINE AREA 215				
	UNKNOWN								37		15A	X		15A		38	EXIT LIGHTS + EMERGENCY LIGHTS				
	UNKNOWN								39		15A		X	15A		40	FOOD MACHINE				
	UNKNOWN								41		15A		X	15A		42	UNKNOWN				
FEEDER:												SOURCE:									
Remarks:	1	NEW AND EXISTING LOADS FED FROM EXISTING BREAKER.										Phase A Total		70	W	0.2		A			
												Phase B Total		0	W	0.0		A			
												NEW LOAD		70	W	0.3		A			

Remarks	Power:	120/240	V	1	ø	3	W	PANEL	Y1							SYM. IC.:		-	A				
	# OF CKTS:	42						LOCATION	ELECTRICAL ROOM							MAINS:		225	A				
	INCOMING:																	MAIN BKR:		-	A		
	Designation								CKT #	Watts	BK R	a	b	PHAS E	BKR	Watts	CKT#	Designation				Remarks	
	BLACK POLE LIGHT & SPLIT RECEPT/ENTRY								1		15A	X			15A		2	SPLIT RECEPTACLE STAIRS					
									3		2P	X		2P		4							
	SPLIT RECEPTACLE ENTRY								5		15A	X			15A		6	SPLIT RECEPTACLE STAIRS					
									7		2P		X	2P		8							
	PLUG DIRECTOR OFFICE								9		15A	X		15A		10	LIGHTS 3RD LOBBY						
	PLUG DIRECTOR OFFICE								11		15A		X	15A		12	LIGHTS HALLWAY						
	AC ROOM H319 AREA								13		15A	X		15A		14	PLUG DIRECTORS OFFICE						
	UNKNOWN								15		15A		X		20A		16	BASEBOARD HEATER & DIRECTORS OFFICE					
	RECEPTACLE DIRECTOR OFFICE								17		15A	X		2P		18							
	AUDITORIUM PLUG								19		15A		X	15A		20	RECEPTACLE DIRECTOR OFFICE						
	AUDITORIUM PLUG								21		15A	X		15A		22	T.V. ABOVE SHARK DISPLAY						
	AUDITORIUM PLUG								23		15A		X	20A		24	RECEPTACLE DIRECTOR OFFICE						
	AUDITORIUM PLUG								25		15A	X		15A	840	26	PHONE BOOTH ROOM 303				1		
	AUDITORIUM PLUG								27		15A	X		15A	600	28	FOCUS PODS/PLUGS ROOM 304				1		
	AUDITORIUM PLUG								29		15A	X		20A	720	30	WORKSTATIONS ROOM 304				1		
	AUDITORIUM PLUG								31		15A		X			32	-						
	AUDITORIUM PLUG								33		15A	X		20A	720	34	WORKSTATIONS ROOM 303				1		
1	PLUGS ROOM 301A								35	480	15A	X		X	20A	720	36	WORKSTATIONS ROOM 303				1	
1	PLUGS ROOM 303								37	480	15A	X		X	20A	960	38	WORKSTATIONS CORRIDOR 302/301				1	
1	PLUGS ROOM 304								39	600	15A	X		X	20A	960	40	WORKSTATIONS CORRIDOR 302/301				1	
1	WORKSTATION CORRIDOR 301								41	120	15A	X		X	15A	100	42	BY PASS BOX CORRIDOR 301					
FEEDER:												SOURCE:											
Remarks:	1	DARK TEXT INDICATES NEW LOAD. PROVIDE NEW BREAKER AS INDICATED.										Phase A Total		3940	W	11.4	A						
												Phase B Total		3360	W	9.7	A						
												NEW LOAD		7300	W	30.4	A						

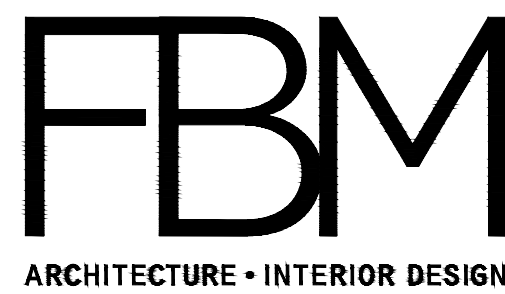
LIGHTING FIXTURE SCHEDULE AND SPECIFICATION								
TYPE	DESCRIPTION	VOLTAGE	LAMP TYPE	FIXTURE WATTAGE	COLOUR TEMPERATURE (K)	FINISH	LISTINGS	BALLAST/DRIVER TYPE
L1	250mm DIAMETER SUSPENDED DECORATIVE DOME PENDANT (FIXTURE TO MATCH EXISTING PENDANT FIXTURES IN CAFETERIA AREA) 1850 LUMENS. MOUNTING HEIGHT TO MATCH EXISTING FIXTURES	120V	LED	15W	3500	SOLID COPPER	N/A	ELECTRONIC
L2	600mm x 600mm FLAT PANEL MINIMUM 3400 LUMENS. FIXTURES TO BE MOUNTED IN T-BAR CEILING	120V	LED	30W	3500	WHITE	N/A	0-10V DIMMING
L3	1220mm SUSPENDED STRIP LIGHT MINIMUM 5000 LUMENS. MOUNTING HEIGHT TO BE MOUNTED SO THAT BOTTOM OF FIXTURE IS FLUSH WITH BOTTOM OF FELT CEILING PANEL	120V	LED	40W	3500	WHITE	N/A	0-10V DIMMING
NOTES								
1	THE PRODUCT SPECIFICATIONS LISTED ABOVE REPRESENT THE BASIC FIXTURE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING ALL NECESSARY SUPPORTS FITTINGS, TRIMS, HOUSINGS, CANOPIES, ETC TO MAKE A COMPLETE LIGHTING ASSEMBLY.							
2	ALTERNATE PRODUCTS MAY BE CONSIDERED BY THE CONSULTANT AND DEPARTMENTAL REPRESENTATIVE, THESE ALTERNATES WILL NOT BE REVIEWED DURING THE TENDER PERIOD. CONTRACTOR WISHING TO PROVIDE ALTERNATE EQUIPMENT SHALL SUBMIT PROPOSAL AFTER AWARD OF THE TENDER WITH THE REQUESTED ALTERNATE MODIFICATIONS. SUBMITTALS SHALL PROVIDE COMPLETE PRODUCT INFORMATION INCLUDING ANY DISCREPANCIES, EITHER PHYSICAL OR PERFORMANCE, FROM THOSE PRODUCTS SPECIFIED ABOVE. SUBMITTALS SHALL ALSO INCLUDE ANY POTENTIAL COST SAVINGS OR PERFORMANCE BENEFITS.							

ELECTRICAL LEGEND	
	CSA TYPE 5-15R DUPLEX RECEPTACLE
	CSA TYPE 5-15R DUPLEX RECEPTACLE WITH TWO(2) TYPE 'A' USB PORTS.
	CSA TYPE 5-15R SPLIT DUPLEX RECEPTACLE
	DIRECT ELECTRICAL CONNECTION
	MANUAL STARTER SWITCH
	SURFACE MOUNTED PANELBOARD
	VOICE OUTLET (PROVIDE CONDUIT AND BACKBOX ONLY)
	WIRELESS ACCESS POINT (PROVIDE CONDUIT AND BACKBOX ONLY)
	TRACK LIGHTING
	250mm DIAMETER SUSPENDED DECORATIVE DOME PENDANT
	600mm x 600mm RECESSED TROFFER
	SURFACE MOUNTED FIXTURE
	WALL MOUNTED FIXTURE
	OCCUPANCY SENSOR
	DIMMER SWITCH
	SINGLE POLE LINE VOLTAGE SWITCH
	EXIT SIGN, WALL MOUNTED
	REMOTE DUAL HEAD EMERGENCY LIGHT, CEILING MOUNTED
	BATTERY PACK, DUAL HEAD EMERGENCY LIGHT, CEILING MOUNTED
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM HORN
	FIRE ALARM HORN/STROBE

ANNOTATIONS	
A.F.F	= ABOVE FINISHED FLOOR
BPB	= BYPASS BOX
E	= EXISTING EQUIPMENT TO REMAIN (REINSTATE)
ER	= EXISTING EQUIPMENT TO BE RELOCATED
GFCI	= GROUND FAULT CIRCUIT INTERRUPTER
NL	= EXISTING EQUIPMENT AT NEW LOCATION
R	= EXISTING EQUIPMENT TO BE REMOVED

 Public Works and
Government Services
Canada

Travaux Publics et
Services gouvernementaux
Canada



2	ISSUED FOR TENDER	12/12 2019
1	ISSUED FOR 99% REVIEW	11/15 2019
0	ISSUED FOR 50% REVIEW	09/06 2019
revisions		date

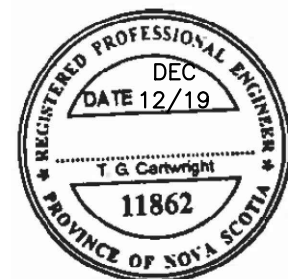
project	project
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GC CO-WORKING SITE,
PILOT PROGRAM AT
BIO FACILITY
1 CHALLENGER DRIVE,
DARTMOUTH, NS

drawing	dessin
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ELECTRICAL LEGEND, DETAILS & SCHEDULES

designed	TC	conçu
date	SEPT. 2019	
drawn	SDC	dessiné
date	SEPT. 2019	
approved	JAS	approuvé
date	DEC.2019	
Tender	Soumission	
PWSC Project Manager	Administrateur de projets TPSGC	
project number	no. du projet	
R.101402.002		
drawing no.	no. du dessin	



E-100