

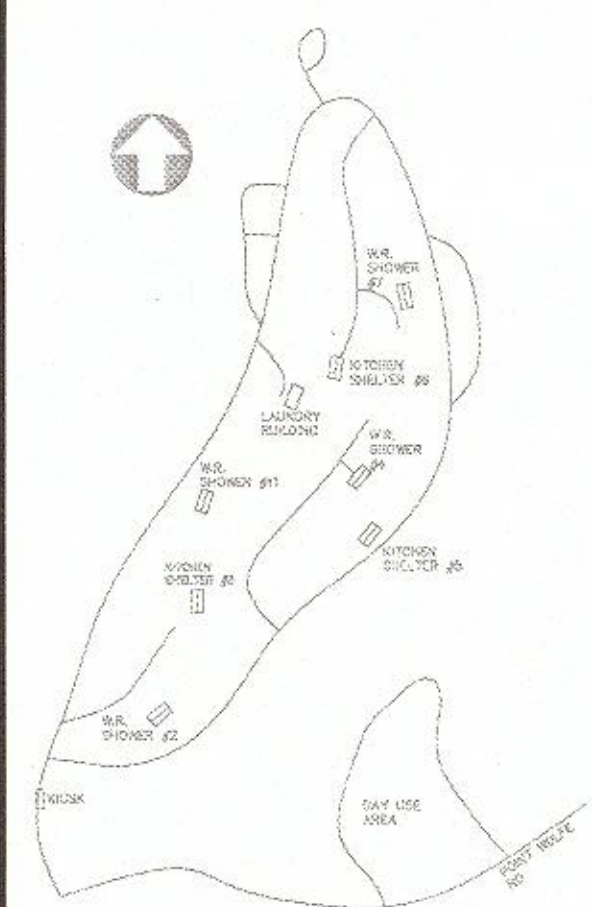
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CBCL **CBCL LIMITED**
Consulting Engineers



POINT WOLFE CONSTRUCTION KEY PLAN
FUNDY NATIONAL PARK
NOT TO SCALE



1 ISSUED FOR TENDER SEP 13 2016

revisions

project

**POINT WOLFE
SERVICE BUILDINGS
FUNDY NATIONAL PARK
ALMA, NB**
ALBERT COUNTY, NB

drawing

**ELECTRICAL
SCHEDULES AND
DETAILS**

designed M. MELANSON

date JULY 2016

drawn M. MELANSON

date JULY 2016

approved

date

Tender

PMWSC Project Manager

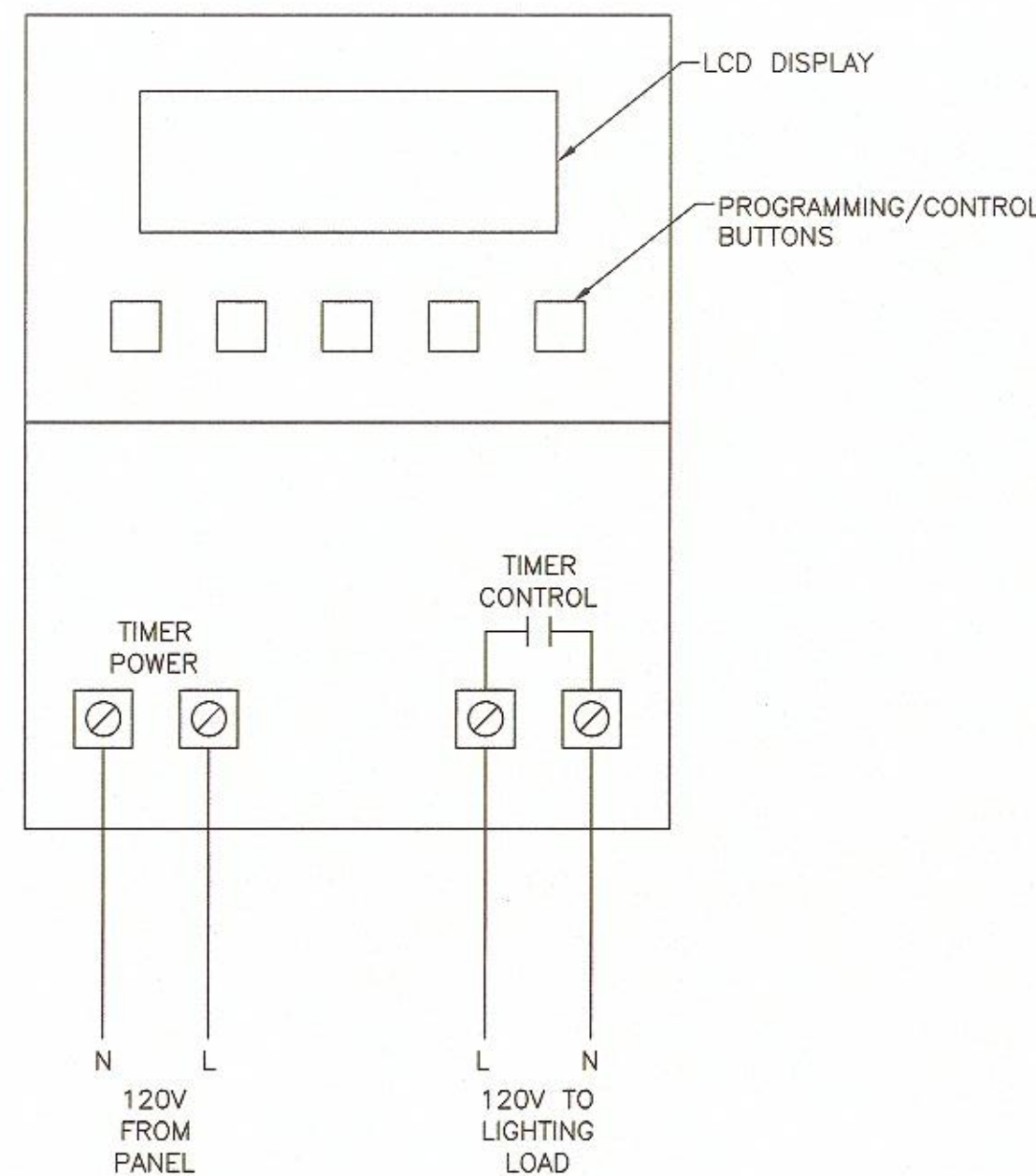
project number

R.075852.001

drawing no.

E-3.0

LIGHTING FIXTURE SCHEDULE							
TYPE	DESCRIPTION	SOURCE	COLOUR TEMP	DRIVER	VOLTAGE	NOMINAL WATTAGE	STANDARD OF ACCEPTANCE
L1	1220mm SURFACE MOUNTED VAPORLIGHT, FIBERGLASS HOUSING, HIGH-IMPACT GASKETED PRISMATIC DIFFUSER AND STAINLESS STEEL CLAMP-TYPE FASTENERS.	4000lm LED ENGINE	4000K	LED DRIVER	120V	40W	METALUX 4V12 SERIES OR EQUIVALENT
L2	1220mm LINEAR STRIP FIXTURE, BAKED WHITE ENAMEL FINISH ON STEEL HOUSING, FROSTED LENS WITH WIDE DISTRIBUTION	2700lm LED ENGINE	4000K	LED DRIVER	120V	25W	METALUX SNLED SERIES OR EQUIVALENT
L3	EXTERIOR LOW-PROFILE RECTANGULAR WALL PACK, WHITE IN COLOUR, FULL CUTOFF, DIE-CAST HOUSING, INTEGRAL PHOTOCELL	1200lm LED ENGINE	4000K	LED DRIVER	120V	13W	LUMARK XTOR SERIES OR EQUIVALENT
L4	150mm LOW PROFILE JUNCTION BOX MOUNTED SURFACE DOWNLIGHT, WET LOCATION LISTED FOR CEILING APPLICATIONS, WHITE IN COLOUR	1200lm LED ENGINE	4000K	LED DRIVER	120V	15W	HALO SLD6 SERIES OR EQUIVALENT
L5	EXTERIOR WALL MOUNTED QUARTER SPHERE FIXTURE, DIE-CAST ALUMINUM HOUSING, 460X230X230mm NOMINAL DIMENSIONS, TYPE III DISTRIBUTION, WHITE IN COLOUR	2700lm LED ENGINE	4000K	LED DRIVER	120V	25W	MCGRAW EDISON ISS SERIES OR EQUIVALENT



DETAIL - ASTRONOMIC TIME CLOCK

SCALE : N.T.S.

REMARKS	POWER: 120/240, 1P, 3W		PANEL: WR2		SYM. I.C.: 10,000 AMPS		REMARKS				
	No. OF CCTS.: 30		LOCATION: BLDG 2		MAINS: 100A AMPS						
	FED FROM: LOCAL TRANSFORMER										
	DESIGNATION		LOAD		CIR. No.			LOAD		DESIGNATION	
			PH A PH B		CIR. No. BKR			PH A PH B			
	INTERIOR LIGHTING		1 20		15 2					MALE WR EXHAUST FAN	
	EXTERIOR LIGHTING		3 20		15 4					FEMALE WR EXHAUST FAN	
	HAND DRYER		5 20		15 6					MALE WR CTP RECEPT.	
	HAND DRYER		7 20		15 8					MALE WR CTP RECEPT.	
	FEMALE WR CTP RECEPT.		9 15		15 10					SERVICE ROOM RECEPT.	
FEMALE WR CTP RECEPT.		11 15		15 12				SERVICE ROOM RECEPT.			
SERVICE ROOM RECEPT.		13 15		15 14				SERVICE ROOM RECEPT.			
MALE WR DOOR OPERATOR		15 15		15 16				BACK ROOMS RECEPTS.			
FEMALE WR DOOR OPERATOR		17 15		15 18				TRAP PRIMER			
1 SPARE/EXISTING LOAD		19 20		15 20							
1 SPARE/EXISTING LOAD		21 20		2P 22				SPARE/EXISTING LOAD			
1 SPARE/EXISTING LOAD		23 15		15 24							
1 SPARE/EXISTING LOAD		25 20		2P 26				SPARE/EXISTING LOAD			
1 SPARE/EXISTING LOAD		27 15		15 28							
1 SPARE/EXISTING LOAD		29 15		2P 30				SPARE/EXISTING LOAD			
PHASE A - TOTAL											
PHASE B - TOTAL											
TOTAL LOAD: _____ KW. _____ AMP.											
REMARKS: 1. EXISTING LOADS ARE TO BE DISCONNECTED FROM EXISTING AND RECONNECTED TO NEW PANEL. TRACE EXISTING CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY											

REMARKS	POWER: 120/240, 1P, 3W		PANEL: WR7		SYM. I.C.: 10,000 AMPS		REMARKS				
	No. OF CCTS.: 30		LOCATION: BLDG 7		MAINS: 100A AMPS						
	FED FROM: LOCAL TRANSFORMER										
	DESIGNATION		LOAD		CIR.			LOAD		DESIGNATION	
			PH A PH B		CIR. No. BKR			PH A PH B			
	INTERIOR LIGHTING		1 20		15 2					MALE WR EXHAUST FAN	
	EXTERIOR LIGHTING		3 20		15 4					FEMALE WR EXHAUST FAN	
	HAND DRYER		5 20		15 6					MALE WR CTP RECEPT.	
	HAND DRYER		7 20		15 8					MALE WR CTP RECEPT.	
	FEMALE WR CTP RECEPT.		9 15		15 10					SERVICE ROOM RECEPT.	
FEMALE WR CTP RECEPT.		11 15		15 12				SERVICE ROOM RECEPT.			
SERVICE ROOM RECEPT.		13 15		15 14				SERVICE ROOM RECEPT.			
1	SPARE/EXISTING LOAD		15 20		15 16				BACK ROOMS RECEPTS.		
1	SPARE/EXISTING LOAD		17 2P		15 18				TRAP PRIMER		
1	SPARE/EXISTING LOAD		19 20		20 20				SPARE/EXISTING LOAD		
1	SPARE/EXISTING LOAD		21 20		2P 22				SPARE/EXISTING LOAD		
1	SPARE/EXISTING LOAD		23 15		24				SPACE		
1	SPARE/EXISTING LOAD		25 20		26				SPACE		
1	SPARE/EXISTING LOAD		27 15		28				SPACE		
1	SPARE/EXISTING LOAD		29 15		30				SPACE		
PHASE A ~ TOTAL											
PHASE B ~ TOTAL											
TOTAL LOAD: _____ KW. _____ AMP.											
REMARKS: 1. EXISTING LOADS ARE TO BE DISCONNECTED FROM EXISTING AND RECONNECTED TO NEW PANEL. TRACE EXISTING CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY											

REMARKS	POWER: 120/240, 1P, 3W No. of CCTS: 30		PANEL: LAUNDRY (EXISTING) LOCATION: LAUNDRY BLDG FED FROM: LOCAL TRANSFORMER		SYM. I.C.: 10,000 AMPS MAINS: 200A AMPS		REMARKS	
	DESIGNATION		LOAD PH A PH B		CIR. No. BKR PH A PH B			DESIGNATION
	INTERIOR LIGHTING		1 20		15 2		ELECTRICAL ROOM EXHAUST FAN	
	ELECTRICAL ROOM RECEPT.		3 15		15 4		STORAGE ROOM RECEPT.	
	EXTERIOR LIGHTING		5 20		15 6		STORAGE ROOM RECEPT	
1	SPARE/EXISTING LOAD		7 20		20 8		SPARE/EXISTING LOAD	
1	SPARE/EXISTING LOAD		9 20		20 10		SPARE/EXISTING LOAD	
1	SPARE/EXISTING LOAD		11 15		15 12		SPARE/EXISTING LOAD	
1	SPARE/EXISTING LOAD		13 15		15 14		SPARE/EXISTING LOAD	
	SPACE		15		16		SPACE	
	SPACE		17		18		SPACE	
	SPACE		19		20		SPACE	
	SPACE		21		22		SPACE	
	SPACE		23		24		SPACE	
	SPACE		25		26		SPACE	
	SPACE		27		28		SPACE	
	SPACE		29		30		SPACE	
PHASE A - TOTAL								
PHASE B - TOTAL								
TOTAL LOAD: _____ KW. _____ AMP.								
REMARKS: 1. EXISTING LOADS ARE TO BE DISCONNECTED FROM EXISTING AND RECONNECTED TO PANEL. TRACE EXISTING CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY. 2. REMOVE ALL EXISTING BREAKERS AND PROVIDE NEW. PANEL IS A SQUARE D NQO PANELBOARD.								

REMARKS	POWER: 120/240, 1P, 3W No. OF CCTS.: 30		PANEL: WR4 LOCATION: BLDG 4 FED FROM: LOCAL TRANSFORMER		SYM. I.C.: 10,000 AMPS MAINS: 100A AMPS		REMARKS	
	DESIGNATION		LOAD PH A PH B		CIR. No. BKR PH A PH B			DESIGNATION
	INTERIOR LIGHTING		1 20		15 2		MALE WR EXHAUST FAN	
	EXTERIOR LIGHTING		3 20		15 4		FEMALE WR EXHAUST FAN	
	HAND DRYER		5 20		15 6		MALE WR CTP RECEPT.	
	HAND DRYER		7 20		15 8		MALE WR CTP RECEPT.	
	FEMALE WR CTP RECEPT.		9 15		15 10		SERVICE ROOM RECEPT.	
	FEMALE WR CTP RECEPT.		11 15		15 12		SERVICE ROOM RECEPT.	
	SERVICE ROOM RECEPT.		13 15		15 14		SERVICE ROOM RECEPT.	
	1 SPARE/EXISTING LOAD		15 30		15 16		BACK ROOMS RECEPTS.	
	1 SPARE/EXISTING LOAD		17 2P		15 18		TRAP PRIMER	
	1 SPARE/EXISTING LOAD		19 20		20 20			
	1 SPARE/EXISTING LOAD		21 20		2P 22		SPARE/EXISTING LOAD	
	1 SPARE/EXISTING LOAD		23 15		30 24			
	1 SPARE/EXISTING LOAD		25 20		2P 26		SPARE/EXISTING LOAD	
	1 SPARE/EXISTING LOAD		27 15		20 28			
	1 SPARE/EXISTING LOAD		29 15		2P 30		SPARE/EXISTING LOAD	
PHASE A - TOTAL								
PHASE B - TOTAL								
TOTAL LOAD: KW. AMP.								
REMARKS: 1. EXISTING LOADS ARE TO BE DISCONNECTED FROM EXISTING AND RECONNECTED TO NEW PANEL. TRACE EXISTING CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY								

REMARKS	POWER: 120/240, 1P, 3W		PANEL: WR11		SYM. I.C.: 10,000 AMPS		REMARKS			
	No. OF CCTS.: 30		LOCATION: BLDG 11		MAINS: 100A AMPS					
	FED FROM: LOCAL TRANSFORMER									
DESIGNATION		LOAD		CIR. NO.		LOAD		DESIGNATION		
		PH A	PH B		CIR. NO.	PH A	PH B			
	INTERIOR LIGHTING			1	20			15	2	MALE WR EXHAUST FAN
	EXTERIOR LIGHTING			3	20			15	4	FEMALE WR EXHAUST FAN
	HAND DRYER			5	20			15	6	MALE WR CTP RECEPT.
	HAND DRYER			7	20			15	8	MALE WR CTP RECEPT.
	FEMALE WR CTP RECEPT.			9	15			15	10	SERVICE ROOM RECEPT.
	FEMALE WR CTP RECEPT.			11	15			15	12	SERVICE ROOM RECEPT.
	SERVICE ROOM RECEPT.			13	15			15	14	SERVICE ROOM RECEPT.
				15	15			15	16	BACK ROOMS RECEPTS.
1	SPARE/EXISTING LOAD			17	2P			15	18	TRAP PRIMER
1	SPARE/EXISTING LOAD			19	20			15	20	
1	SPARE/EXISTING LOAD			21	20			2P	22	SPARE/EXISTING LOAD
1	SPARE/EXISTING LOAD			23	15			15	24	
1	SPARE/EXISTING LOAD			25	20			2P	26	SPARE/EXISTING LOAD
1	SPARE/EXISTING LOAD			27	15			20	28	SPACE
1	SPARE/EXISTING LOAD			29	15			30		SPACE
PHASE A - TOTAL										
PHASE B - TOTAL										
TOTAL LOAD: _____ KW. _____ AMP.										
REMARKS: 1. EXISTING LOADS ARE TO BE DISCONNECTED FROM EXISTING AND RECONNECTED TO NEW PANEL. TRACE EXISTING CIRCUITS AND UPDATE PANEL SCHEDULE ACCORDINGLY										