

EXISTING PANEL

VOLTS 120/240 PANEL NAME "D" MAINS RATED 100 AMPS  
 PHASE 1 LOCATION SAR OPS BLDG. ELEC. ROOM MOUNTING SURFACE  
 WIRE 3 FED FROM MAIN SERVICE ENT. BOARD CIRCUITS 30

DESIGNATION	WATTAGE		WIRE	BKR	CCT	A	B	CCT	BKR	WIRE	WATTAGE		DESIGNATION
	# A	# B									# A	# B	
EXISTING CIRCUIT TO REMAIN			E	E	1			2	E	E			EXISTING CIRCUIT TO REMAIN
EXISTING CIRCUIT TO REMAIN			E	E	3			4	E	E			EXISTING CIRCUIT TO REMAIN
EXISTING CIRCUIT TO REMAIN			E	E	5			6	E	E			EXISTING CIRCUIT TO REMAIN
EXISTING CIRCUIT TO REMAIN			E	E	7			8	E	E			EXISTING CIRCUIT TO REMAIN
EXISTING CIRCUIT TO REMAIN			E	E	9			10	30	4	2520		RECEPTACLE - NEW PEDESTAL #1
EXISTING CIRCUIT TO REMAIN			E	E	11			12	30	4	2520		RECEPTACLE - NEW PEDESTAL #1
EXISTING CIRCUIT TO REMAIN			E	E	13			14	20	6	1680		RECEPTACLE - NEW PEDESTAL #1
EXISTING CIRCUIT TO REMAIN			E	E	15			16	15	10	200		NEW LIGHT POLE #1
					17			18	15	10	200		NEW LIGHT POLE #2
					19			20	15	10	200		NEW LIGHT POLE #3
					21			22					
					23			24					
					25			26					
					27			28					
					29			30					

\* - INDICATES LOCK-ON DEVICE  
 GF - INDICATES GFCI CLASS A TYPE CIRCUIT BREAKER.  
 GF30 - INDICATES GFCI CIRCUIT BREAKER WITH GROUND FAULT SETTING AT 30mA, CIRCUIT BREAKER C/W SHUNT TRIP AND CONNECTED TO 30mA GROUND FAULT PROTECTION RELAY ALSO ACCEPTABLE.  
 E - INDICATES EXISTING CIRCUIT BREAKER/WIRING TO REMAIN  
 N - INDICATES NEW CIRCUIT AND CIRCUIT BREAKER C/W MOUNTING HARDWARE, IC RATING TO MATCH.

ADDITIONAL LOAD 7.2 KW 20 AMP

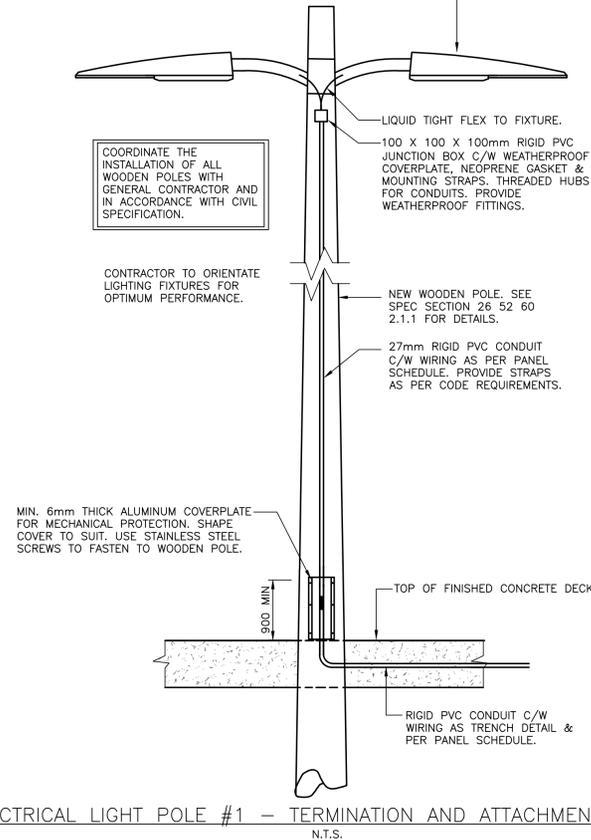
SYMBOL	LIGHT SOURCE	MOUNTING	LAMPS	VOLTS	DESCRIPTION	REMARKS
C	LED	POLE MOUNTED	105W LED	120	POLE MOUNTED AREA LIGHT, 28 900 LUMENS, 3000K, AREA W/ REFRACTOR	AREA OPTICS WITH REFRACTOR. SEE NOTE 1.

NOTES (LIGHTING SCHEDULE):

1. LIGHT FIXTURE C/W THE FOLLOWING:

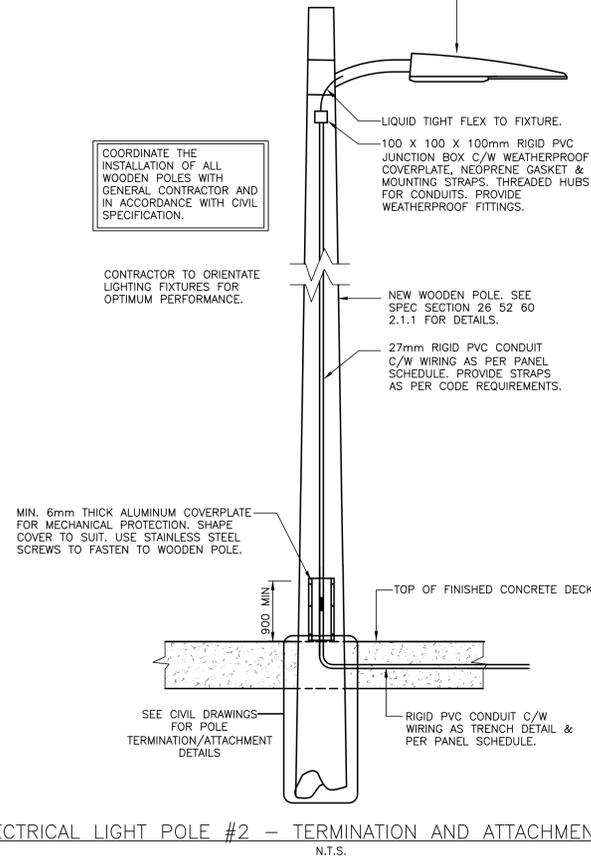
- CSA APPROVAL
- IP66 RATING
- DARK-SKY COMPLIANT
- 3000K COLOUR TEMPERATURE
- RIGOROUS 5-STAGE PRETREATMENT POLYESTER TOPCOAT TO ENSURE MAXIMUM DURABILITY THAT ACHIEVES A SCRIBE CREEPAGE RATING OF 8 AFTER 5000 HOURS OF SALT SPRAY
- PROGRAMMABLE ELECTRONIC DRIVER WITH 0-10V CONTROL LEADS C/W PHOTOCELL

LIGHT FIXTURE, PHOTOCELL, UPSWING ARM AND LAMP TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL REQUIRED JUNCTION BOXES, CONDUIT, COVERPLATES, ETC FOR A COMPLETE INSTALLATION. FIXTURES SHALL BE MOUNTED 8.5 METERS ABOVE FINISHED DECK. LIGHTING FIXTURE "C". SEE LIGHTING SCHEDULE ON THIS DRAWING.



ELECTRICAL LIGHT POLE #1 - TERMINATION AND ATTACHMENT DETAILS  
N.T.S.

LIGHT FIXTURE, PHOTOCELL, UPSWING ARM AND LAMP TO BE SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL REQUIRED JUNCTION BOXES, CONDUIT, COVERPLATES, ETC FOR A COMPLETE INSTALLATION. FIXTURES SHALL BE MOUNTED 8.5 METERS ABOVE FINISHED DECK. LIGHTING FIXTURE "C". SEE LIGHTING SCHEDULE ON THIS DRAWING.



ELECTRICAL LIGHT POLE #2 - TERMINATION AND ATTACHMENT DETAILS  
N.T.S.

PROVINCE OF NEWFOUNDLAND PERMIT HOLDER Class "A" This Permit Allows CROSSIE ENGINEERING LIMITED To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by PEC-NL 00123 which is valid for the year 2022.

REGISTERED PROFESSIONAL ENGINEER KENNETH R.P. NEIL  
SIGNATURE  
NEWFOUNDLAND & LABRADOR

revisions	date
O	ISSUED FOR TENDER 01/17/22
B	ISSUED FOR REVIEW 12/10/21
A	ISSUED FOR REVIEW 11/05/21

project **CONSTRUCTION & REFURBISHMENT OF BAY CLASS SAR LIFEBOAT MARINE INFRASTRUCTURES BURIN, NL** project

drawing **ELECTRICAL SCHEDULES AND DETAILS** dessin

designed R.J. conçu  
 date JANUARY 2022  
 drawn K.N. dessiné  
 date JANUARY 2022  
 approved  
 date  
 Tender  
 PWGSC Project Manager Administrateur de projets TP50C  
 project number **R.116548.001** no. du projet  
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