



SYMBOL	LEGEND
	EXISTING 250W HPS ROADWAY LIGHT FIXTURE ON EXISTING WOOD POLE.
	EXISTING ELECTRICAL JUNCTION BOX.
	EXISTING/NEW UNDERGROUND (U/G) WIRE IN RIGID PVC CONDUIT.
	EXISTING/NEW OVERHEAD (O/H) WIRE.
	EXISTING WOOD POLE, '25' - POLE NUMBER.
	NEW NEMA 5-20R, 120V DUPLEX GFI RECEPTACLE C/W IN-USE WEATHERPROOF COVERPLATE. 'E'-EXISTING NON-GFI RECEPTACLE.
	EXISTING 50A 120/240V 1φ 3W RECEPTACLE.
	EXISTING POLE MOUNTED TRANSFORMER 10KVA 7200-120/240V 1φ 3W TO BE UPGRADED TO 75KVA.
	EXISTING RECEPTACLE 120/240V 1φ 3W; '20'-20A 2P BUYER'S SHED; '40'-40A 2P WINCH.
	NEW 20A 120V SINGLE TWIST LOCK MARINE GRADE RECEPTACLE C/W SPRING LOADED COVERPLATE.
	NEW 30A 120V SINGLE TWIST LOCK MARINE GRADE RECEPTACLE C/W SPRING LOADED COVERPLATE.
	NEW 357W LED 120V MARINE GRADE FLOOD LIGHT LUMINAIRE.
	MAIN CIRCUIT BREAKER.
	MARITIME ELECTRIC COMPANY LTD.
	NEW WEATHERPROOF ALUMINUM ENCLOSURE C/W PANEL 'P', PHOTOCELL, TIME CLOCK & CONTACTORS.
	UTILITY METER & SOCKET.
	600A 2P 120/240V ENCLOSED CIRCUIT BREAKER IN NEMA 4X ENCLOSURE.
	19mm x 3m DIA. COPPER GROUND ROD.
	10.7 METER GALVANIZED STEEL LIGHT POLE C/W BULLARM AND 2 TYPE A LIGHT FIXTURES MOUNTED ON 1220mm HIGH CONCRETE BASE; ARROW INDICATES AIMING ANGLE. FIXTURE TO BE TILTED UP 55 DEGREES.
	GALVANIZED STEEL CONDUIT.
	EXISTING LED ROADWAY LIGHT FIXTURE.
	EXISTING DUSK/DAWN LIGHT FIXTURE.
	WHARF SECTION NUMBER.
	ELECTRICAL ENCLOSURE.
	PHOTOELECTRIC CELL.
	TIME CLOCK.
	30A 120V 5P CONTACTOR.
	TIME CLOCK/PHOTOCELL 120V BY-PASS SWITCH.
	A - DETAIL NUMBER.
	B - LOCATION DRAWING NUMBER.
	C - DRAWING NUMBER.

- NOTES
- EXISTING #3/0 NSF-2 TRIPLEX O/H C/W 9mm GALVANIZED GUY WIRE SUPPORT TO BE RELOCATED IN PHASE 1 WHERE INDICATED TO KEEP SERVICES TO WHARF 407, 408 AND 411 OPERATIONAL. ADDITIONAL TRIPLEX AND GUY WIRE MAY BE REQUIRED. TO BE REMOVED IN PHASE 2.
 - EXISTING COMBINATION TYPE PANEL 'C' C/W 100A 2P MAIN CIRCUIT BREAKER AND 24 BRANCH CIRCUITS TO REMAIN.
 - EXISTING RECEPTACLES TO BE REMOVED IN PHASE 1.
 - EXISTING LUMINAIRE TO REMAIN.
 - EXISTING 21mm PVC UNDERGROUND TO BE REMOVED IN PHASE 3.
 - EXISTING PANEL 'D' & 'E' C/W 100A 2P MAIN CIRCUIT BREAKER, 16 BRANCH CIRCUITS IN NEMA 3 ENCLOSURE TO BE REMOVED IN PHASE 1.
 - EXISTING 200A 4 JAW METER BASE IN NEMA 3 ENCLOSURE AND 400CT PANEL B C/W 200A, 2P MAIN CIRCUIT BREAKER TO REMAIN.
 - EXISTING 78mm RIGID PVC CONDUIT UNDERGROUND TO REMAIN & CONDUCTORS REMOVED. BOTH ENDS OF CONDUIT TO BE DUG UP AND REMOVED IN NEW WORK.
 - EXISTING M.E.C.L. 10KVA 7200-120/240V 1φ 3W POLE MOUNTED TRANSFORMER ON EXISTING POLE (#118177) TO BE UPGRADED TO 75KVA.
 - EXISTING M.E.C.L. 7200V 1φ 3W O/H POWER LINE TO REMAIN.
 - MINIMUM 5.5 METERS CLEARANCE ACROSS ROAD.
 - EXISTING LUMINAIRE TO BE REMOVED IN PHASE 1.
 - EXISTING 21mm PVC AND 42mm PVC UNDERGROUND TO REMAIN.
 - EXISTING 41mm PVC UNDERGROUND TO REMAIN.
 - EXISTING WINCH FED FROM PANEL 'B' TO REMAIN.
 - EXISTING BUILDING FED FROM PANEL 'B' TO REMAIN.
 - EXISTING TECK CABLE TO REMAIN.
 - EXISTING POLE C/W DEVICES TO BE REMOVED IN PHASE 3.

- NOTES
- EXISTING 16mm PVC ROUTED ALONG GUARD RAIL TO BE REMOVED IN PHASE 1.
 - EXISTING TECK CABLE ROUTED ALONG WOOD SURFACE TO FEED RECEPTACLES ON POLE 28 TO BE REMOVED IN PHASE 1.
 - EXISTING 35mm PVC UNDERGROUND TO BE REMOVED IN PHASE 3.
 - POLE 29 TO BE REMOVED IN PHASE 1.
 - POLES 27 AND 28 C/W LIGHT FIXTURE TO BE RELOCATED AS INDICATED IN PHASE 1 AND REMOVED IN PHASE 2.
 - ALL REMOVED LED LIGHT FIXTURES AND BRACKETS C/W POLE TO BE TURNED OVER TO DFO/HARBOUR AUTHORITY.
 - EXISTING O/H TO BE REMOVED IN PHASE 3.
 - EXISTING LUMINAIRE/POLE TO BE RELOCATED IN PHASE 3.
 - RECEPTACLE TO BE UPGRADED IN PHASE 1.
 - EXISTING LIGHT FIXTURE TO BE RELOCATED FROM POLE 29 TO POLE 30 IN PHASE 1 AND REMOVED IN PHASE 2.

Services Publics et Approvisionnement Canada

primary consultant

INNOVATIVE ENGINEERING AND DESIGN
STRUCTURAL ENGINEERING | STRUCTURAL HEALTH MONITORING

electrical consultant

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Stamp

The ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND
VALID FOR THE YEAR 2021

Tracey L. McDade
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LICENSED PROFESSIONAL ENGINEER
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Estampe

0	ISSUED FOR TENDER	2021.12.10
revisions	description	date
project	project	

WHARF CONSTRUCTION
411 & 412
SKINNERS POND SCH
PRINCE COUNTY
PRINCE EDWARD ISLAND

drawing

desin

ELECTRICAL
EXISTING SITE PLAN,
POWER RISER & LEGEND

designed RALPH SMITH
date 2021.12.10
conçu

drawn JODI PARKER
date 2021.12.10
dessiné

approved TRACEY MCDADE
date 2021.12.10
approuvé

Tender

Soumission

PSPC Project Manager Administrateur de projets SPAC
project number no. du projet
R.118006.001

drawing no. no. du dessin
E1 of 5

0m 5m 10m 15m 20m 25m 30m

0 10 20mm 40 60 80 100 120 140 160 180 200mm

FWGSC B1 (2004)

E-DRM/GDD-E: 553373v1

2016