

NOTES

- EXISTING O/H 600V 3 ϕ POWER TO SERVICE AT POLE P5 TO BE REMOVED.
- EXISTING WOOD POLE P5 C/W LIGHT FIXTURES AND SERVICE TO BE REMOVED.
- EXISTING O/H 120/240V, 1 ϕ , 3 WIRE AND/OR 600V 1 ϕ POWER C/W TELEPHONE TO BE REMOVED BACK TO POLE P5.
- NINE (9) EXISTING 53 ϕ PVC TO LOCATIONS SHOWN.
- EXISTING CONDUITS TO BE EXTENDED INTO NEW ENCLOSURE CONCRETE SLAB AS INDICATED BY NOTES ON E5.
- TWO (2) EXISTING 53 ϕ PVC CONDUITS STUBBED UP AT EXISTING POLE BASE.
- TWO (2) EXISTING 53 ϕ PVC CONDUITS CAPPED UNDERGROUND AT LOCATION SHOWN. ONE (1) CONDUIT TO EXTEND TO POLES L6 AND L7 FOR TELEPHONE USE AND ONE (1) CONDUIT TO BE EXTENDED TO WHARF.
- ONE (1) EXISTING 53 ϕ PVC CONDUIT STUBBED UP AT EXISTING POLE P5, TO BE EXTENDED TO NEW POLES L6 AND L7 FOR LIGHTS AND RECEPTACLES.
- FOUR (4) EXISTING 53 ϕ PVC CONDUITS; TWO (2) STUBBED UP AT EXISTING POLE BASE L9 AND TWO (2) EXTEND TO END OF EXISTING WHARF AND CAPPED OFF UNDERGROUND AS SHOWN FOR NEW WORK.
- EXISTING POLES 5a AND 5b TO BE REMOVED C/W O/H LINES AND LIGHT FIXTURES.
- EXISTING TRANSFORMER TO BE REMOVED.
- EXISTING PANEL 'M', FED FROM POLE MOUNTED TRANSFORMER, TO BE REMOVED.
- EXISTING 60A, 600V DISCONNECT MOUNTED ON WOOD POLE TO BE REMOVED. CONTRACTOR TO DISCONNECT POWER TO EXISTING WHARF, REMOVE CONDUITS FROM DISCONNECT, AND REPLACE DISCONNECT.
- EXISTING 53 ϕ EMT CONDUIT FOR WHARF TO BE REMOVED AND REPLACED WITH TECK CABLE.
- EXISTING NB POWER SERVICE POLE C/W THREE (3) 12.47KV-347/600V, 3 ϕ , 4 WIRE POLE MOUNTED TRANSFORMERS.
- EXISTING OVERHEAD POWER LINE.
- EXISTING NB POWER SERVICE POLE PROVIDING POWER TO AREA OF WORK FOR WHARF 301, 403, 404 & 406.
- EXISTING OVERHEAD 600V, 3 PHASE 120/240 1 ϕ PHASE, 3 WIRE AND TELEPHONE.
- SEE SPECIFICATION SECTION 01 05 50 FOR WORK PREVIOUSLY COMPLETED.
- EXISTING ROAD LIGHT FIXTURES ON LIGHT POLES AND OVERHEAD WIRING TO BE REMOVED AND TURNED OVER TO ENGINEER/D.F.O.
- EXISTING UNDERGROUND SERVICE TO BE REMOVED C/W ALL ABOVE GROUND ELECTRICAL EQUIPMENT.
- EXISTING WIRE, CONDUIT JUNCTION/OUTLET BOXES ON WHEEL GUARD TO BE REMOVED C/W MOUNTING HARDWARE.
- EXISTING LIGHT POLES, LIGHTS, LAMPS AND ALL WIRE, CONDUIT JUNCTION/OUTLET BOXES TO BE REMOVED C/W LIGHT POLE CONCRETE BASE BOTH ABOVE AND BELOW GRADE.
- ALL UNDERGROUND CONDUIT AND WIRES TO BE REMOVED.
- EXCEPT FOR NEW POWER FEED TO FUEL PUMPS ALL EXISTING CONTROL WIRE, CONDUIT AND DEVICES FOR FUEL PUMPS TO REMAIN.
- NEW METER SERVICE MS-1 FOR WHARF 301, 403, 404 & 406.

WORK SITE

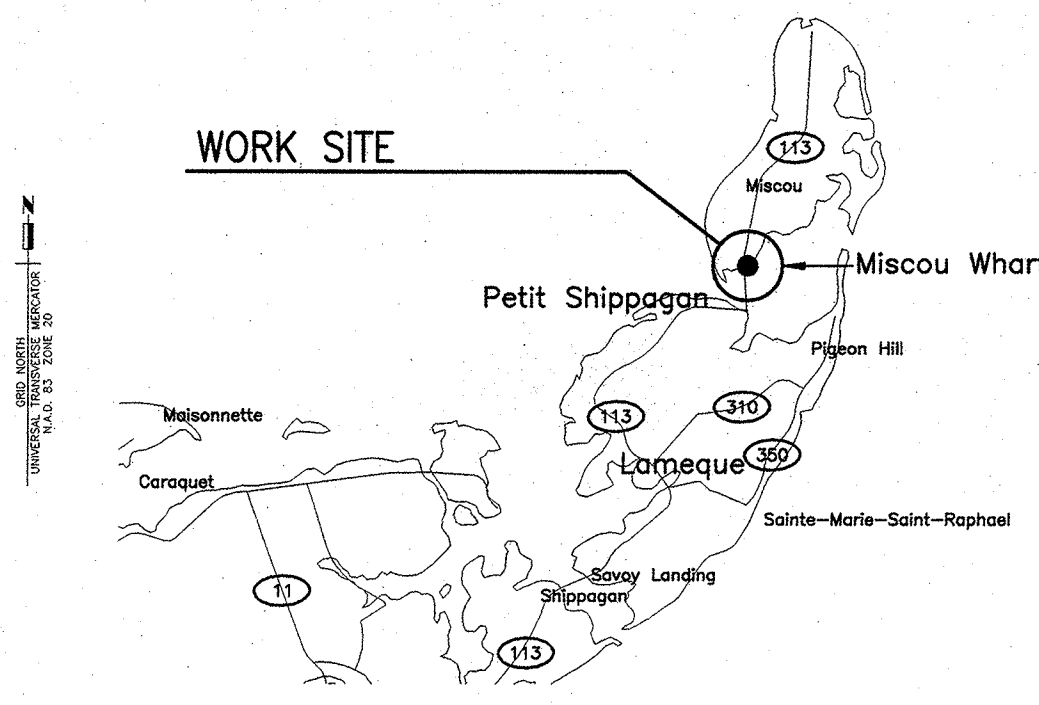
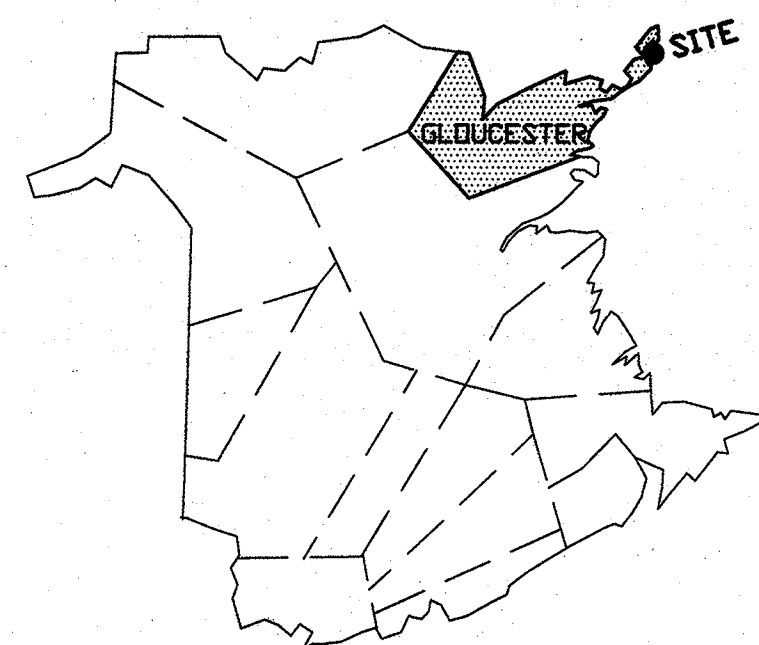


CHART OF LOCATION



MAP OF NEW BRUNSWICK

SYMBOL

LEGEND

TH	TEMPERATURE/HUMIDITY CONTROL.
TEL	JUNCTION BOX FOR TELEPHONE/DATA 300mm x 300mm x 100mm.
ES-1	ELECTRICAL SERVICE ENCLOSURE #1.
ES-2	ELECTRICAL SERVICE ENCLOSURE #2 DISTRIBUTION SECTION.
ES-2A	ELECTRICAL SERVICE ENCLOSURE #2A SERVICE/METERING SECTION.
S-0	ALUMINUM SHROUD #S-0 C/W PVC TRANSITION BOX MOUNTED ON CONCRETE DECK.
MS-1	TELEPHONE OUTLET IN 150 x 150 x 100mm PVC JUNCTION BOX.
MS-1	METERED SERVICE MS-1 FOR WHARF 301, 403, 404 & 406.
MS-1	DENOTES AREA OF WORK TO BE COMPLETED UNDER "WHARF 403 ELECTRICAL UPGRADE" CONTRACT (RECONSTRUCTION OF STRUCTURE 403).

SYMBOL

LEGEND

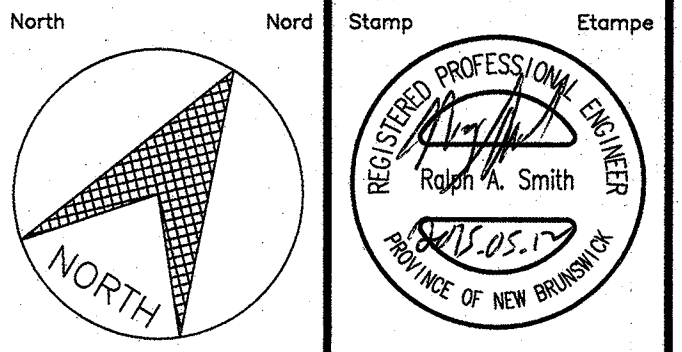
B	LIGHT FIXTURE. REFER TO SCHEDULE FOR MORE DETAILS.
R	EXISTING WOOD POLE C/W 250W HPS ROADWAY LIGHT FIXTURE.
N, H	EXISTING WOOD POLE TO REMAIN UNLESS OTHERWISE NOTED. 'N'-NB POWER; 'H'-HARBOR AUTHORITY.
---	EXISTING OVERHEAD NB POWER AND/OR ALIANT LINE.
50	50A, 240V, 1 ϕ , 3W MARINE GRADE WELDING/BUYERS OUTLET.
100	100A, 120/240V, 1 ϕ , 3P, 4W PIN & SLEEVE MARINE GRADE OUTLET.
100	100A, 600V, 3 ϕ , 3P, 4W PIN & SLEEVE MARINE GRADE OUTLET.
100	THREE NEW (3) TYPE 'X' 400W HPS FLOOD LIGHTS MOUNTED ON WOOD OR GALVANIZED STEEL POLE. FLOOD LIGHT ORIENTATION TO BE COORDINATED ON SITE.
+	DIRECT CONNECTION.
---	UNDERGROUND ELECTRICAL CABLE IN TRENCH ON DECK AS DETAILED.
200/150	200A, 3P, 4W, 347/600V FUSIBLE DISCONNECT; '200'-INDICATES 200A; '150'-INDICATES 150A FUSE SIZE.
7 JAW	NEW 200A NB POWER CUSTOMER METER C/W 3-CT'S AND 3 PT'S. 7 OR 5 JAW AS NOTED FOR 600V, 3 ϕ , 4W OR 120/240V, 1 ϕ , 3W.
200A	200A, 3P, 4W, 347/600V FUSIBLE DISCONNECT; '200'-INDICATES 200A; '150'-INDICATES 150A FUSE SIZE.
S-1	ALUMINUM SHROUD #1 C/W TWO (2) 20A, 120V TWISTLOCK RECEPTACLES UNLESS INDICATED OTHERWISE AND PVC BOX MOUNTED ON CONCRETE WHARF.
MS	MANUAL MOTOR STARTER. SUPPLIED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
1/4	1/4 HP EXHAUST FAN SUPPLIED, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
PE	NEW SURFACE MOUNTED ELECTRICAL PANEL.
PC	PHOTO CELL.
S	15A, 120V SINGLE POLE LIGHT OR BYPASS SWITCH.
T1	600-120/240V SINGLE PHASE ENVIRO GUARD TRANSFORMER. KVA AS INDICATED.
W	NB POWER POLE MOUNTED TRANSFORMER.
W	15A, 120V MARINE GRADE DUPLEX RECEPTACLE. 'W'-INDICATES IN-USE WEATHERPROOF COVER PLATE.
W	20A, 120V, 1 ϕ TWIST LOCK MARINE GRADE RECEPTACLE C/W WEATHERPROOF COVERPLATE.
W	ELECTRICAL CONTRACTOR, 30A, 120V, 8 POLE.

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1	WHARF 403 ELECTRICAL UPGRADE	2015.03.31
2	AS-BUILT	2014.12.19
3	ISSUED FOR TENDER	2013.10.18
revisions	description	date

RECONSTRUCTION OF
STRUCTURE 403
PUBLIC WHARF
MISCOU
NEW BRUNSWICK

EXISTING SITE PLAN
AND LEGEND

designed	RALPH SMITH, P.ENG	conçu
date	2015.03.31	
drawn	JODI PARKER	dessiné
date	2015.03.31	
approved	RALPH SMITH, P.ENG	approuvé
date	2015.03.31	
Tender	2015/05/14	Submission
PWGSC Project Manager	Administrateur de projets TPSGC	
project number	no. du projet	
	R.073265.001	
drawing no.	no. du dessin	
	E1 of E6	