



ELECTRICAL LEGEND

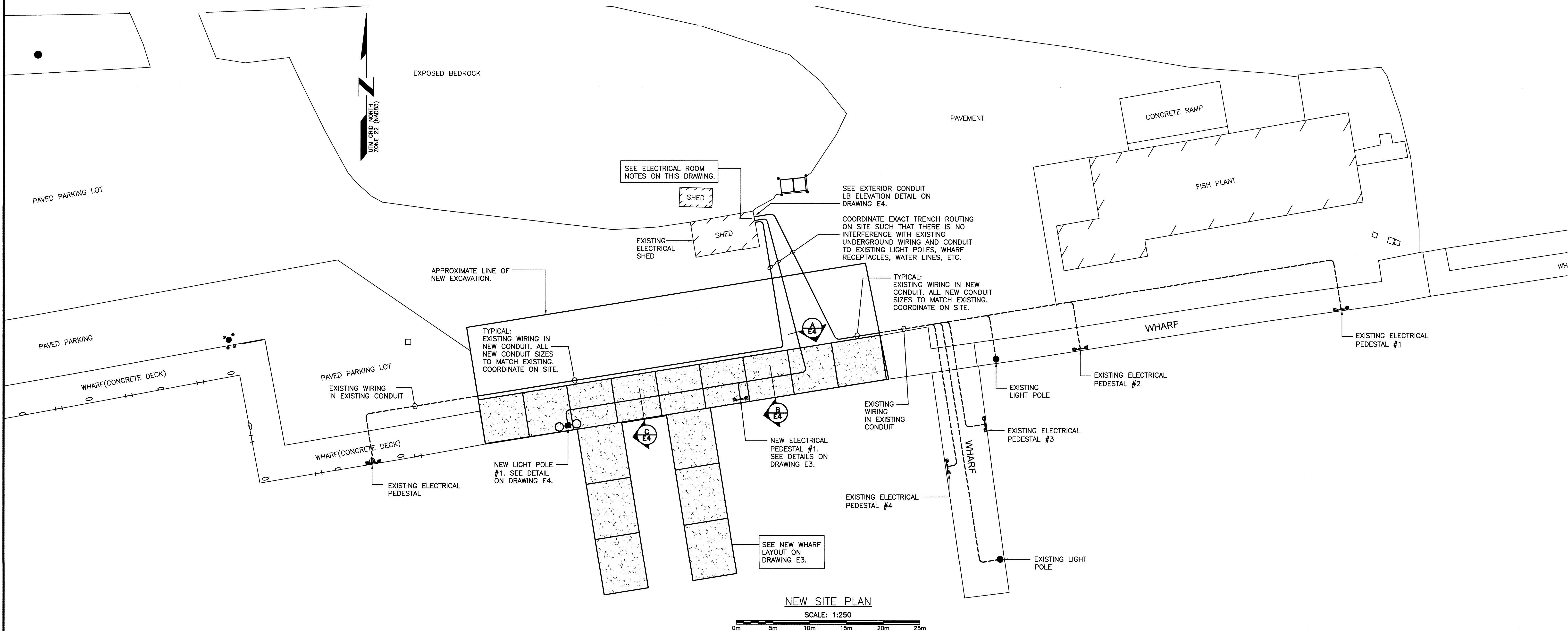
 ELECTRICAL PEDESTAL. SEE SITE PLAN BELOW FOR DETAILS.

 NEW LIGHT POLE. SEE DETAIL ON DRAWING E4.

- NEW MULTI-CIRCUIT ENERGY METER NOTES:
1. NEW MULTI-CIRCUIT ENERGY METER ENCLOSURES C/W DISPLAYS AND CT'S. SHALL MONITOR ALL RECEPTACLE CIRCUITS OF NEW ELECTRICAL PEDESTALS (4 SUCH). CAPACITY FOR MONITORING 30 CIRCUITS MINIMUM. MEASURE AMPERAGE, VOLTAGE, KW, KVA, KVAR, PF, HZ, KWH. INTELIMETER OR APPROVED EQUAL. ALL METERS TO BE FACTORY SEALED AND REGISTERED WITH MEASUREMENT CANADA. COORDINATE WITH HARBOUR AUTHORITY.
 2. CONTRACTOR TO SUPPLY AND INSTALL TEST BLOCK EQUAL TO MESURINA 4 POLE TEST SWITCH C/W COVER. TEST BLOCK TO BE TIED INTO NEW MULTI-METERING SYSTEM TO MEASURE VOLTAGE REFERENCE. PROVIDE LABEL TO READ "VOLTAGE TEST BLOCK".
 3. CONTRACTOR TO INSTALL MULTI-METERING SYSTEM IN COMPLIANCE WITH MEASUREMENT CANADA. REFER TO THE FOLLOWING MEASUREMENT CANADA DOCUMENTS:
 - 3.1. S-E-04--INSTALLATION REQUIREMENTS FOR MULTIPLE CUSTOMER METERING SYSTEMS <https://www.ic.gc.ca/eic/site/mc-mc.nsf/eng/ln00586.html>
 - 3.2. S-E-03--SPECIFICATION FOR THE INSTALLATION AND USE OF ELECTRICITY METERS -- INPUT CONNECTIONS AND RATINGS. <https://www.ic.gc.ca/eic/site/mc-mc.nsf/eng/ln00172.html>
 - 3.3. S-E-08--SPECIFICATIONS FOR THE INSTALLATION AND USE OF ELECTRICITY METERS -- MEASUREMENT CANADA STANDARD DRAWINGS FOR ELECTRICITY METERING INSTALLATIONS <https://www.ic.gc.ca/eic/site/mc-mc.nsf/eng/ln04068.html>
 4. CONTRACTOR SHALL ARRANGE FOR SUPPLIERS, EQUIPMENT MANUFACTURERS, AND/OR OTHERS AS REQUIRED FOR ALL COMMISSIONING ACTIVITIES OF THIS SYSTEM. ENSURE PROPER OPERATION OF EQUIPMENT AND ON SITE TRAINING, MAKING NECESSARY CORRECTIONS AS REQUIRED. PROVIDE COMMISSIONING REPORT INCLUDING LIST OF ATTENDEES AND DATE OF ON SITE COMMISSIONING. ALL COSTS ASSOCIATED WITH COMMISSIONING REQUIREMENTS SHALL BE INCLUDED WITHIN TENDER PRICE.

- ELECTRICAL ROOM NOTES:
1. SUPPLY AND INSTALL NEW MULTI-CIRCUIT ENERGY METER ENCLOSURES C/W DISPLAYS AND CT'S WITHIN THE EXISTING ELECTRICAL ROOM NEAR THE EXISTING PANEL. SEE MULTI-CIRCUIT ENERGY METER NOTES ON THIS DRAWING.
 2. SUPPLY AND INSTALL NEW 20 AMP, 120 VOLT CIRCUITS AND ASSOCIATED NEW 20 AMP 1 POLE CIRCUIT BREAKERS (3 SUCH) C/W MOUNTING HARDWARE WITHIN EXISTING PANEL, IC RATING TO MATCH, FOR NEW 20 AMP RECEPTACLES AT NEW PEDESTAL. COORDINATE ON SITE.
 3. SUPPLY AND INSTALL NEW 15 AMP 120 VOLT CIRCUIT AND ASSOCIATED NEW 15 AMP 1 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE WITHIN EXISTING PANEL, IC RATING TO MATCH, FOR NEW 15 AMP RECEPTACLE AT NEW PEDESTAL. COORDINATE ON SITE.
 4. SUPPLY AND INSTALL NEW 30 AMP 120/240 VOLT CIRCUIT AND ASSOCIATED NEW 30 AMP 2 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE WITHIN EXISTING PANEL, IC RATING TO MATCH, FOR NEW 30 AMP RECEPTACLE AT NEW PEDESTAL. COORDINATE ON SITE.
 5. SUPPLY AND INSTALL NEW 15 AMP 120 VOLT CIRCUIT AND ASSOCIATED NEW 15 AMP 1 POLE CIRCUIT BREAKER C/W MOUNTING HARDWARE WITHIN EXISTING PANEL, IC RATING TO MATCH, FOR NEW LIGHT POLE. COORDINATE ON SITE.

PROVIDE NEW CONDUITS AND REINSTATE EXISTING WIRING IN NEW EXCAVATION AREA. ALL NEW CONDUITS SIZES TO MATCH EXISTING.



Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH THIS WORK.
3. ALL WORK TO BE IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF: THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION; CANADIAN ELECTRICAL CODE, CURRENT EDITION; ANY OTHER AUTHORITIES HAVING JURISDICTION.

PERMIT

PROVINCE OF NEWFOUNDLAND

PERMIT HOLDER Class "A"

This Permit Allows

CROSBIE ENGINEERING LIMITED

To practice Professional Engineering in Newfoundland and Labrador Permit No. as issued by PEG-NE 00123 which is valid for the year 2018.

STAMP

REGISTERED PROFESSIONAL ENGINEER

PEG-NE

KENNETH R.P. NEIL

PROFESSIONAL ENGINEER

JUNE 27/18

NEWFOUNDLAND & LABRADOR

0	ISSUED FOR TENDER	27/06/18
A	ISSUED FOR REVIEW	08/05/18
revisions	date	
project	project	

WHARF RECONSTRUCTION

MUSGRAVE HARBOUR, NL

drawing

desin

NEW SITE PLAN

designed K.N.	concu
date JUNE 2018	
drawn M.N.	desaine
date JUNE 2018	
approved	approve

Tender

DFO Project Manager

project number

711872/721941

drawing no.

E2

no. du projet

no. du dessin