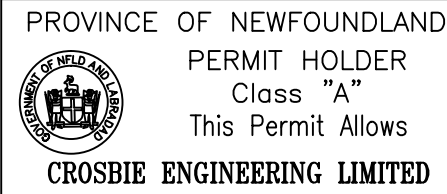


SMALL CRAFT HARBOURS



- NOTES:
1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



To practice Professional Engineering in Newfoundland and Labrador
 Permit No. as issued by PEG-NL 00123
 which is valid for the year 2021.

STAMP



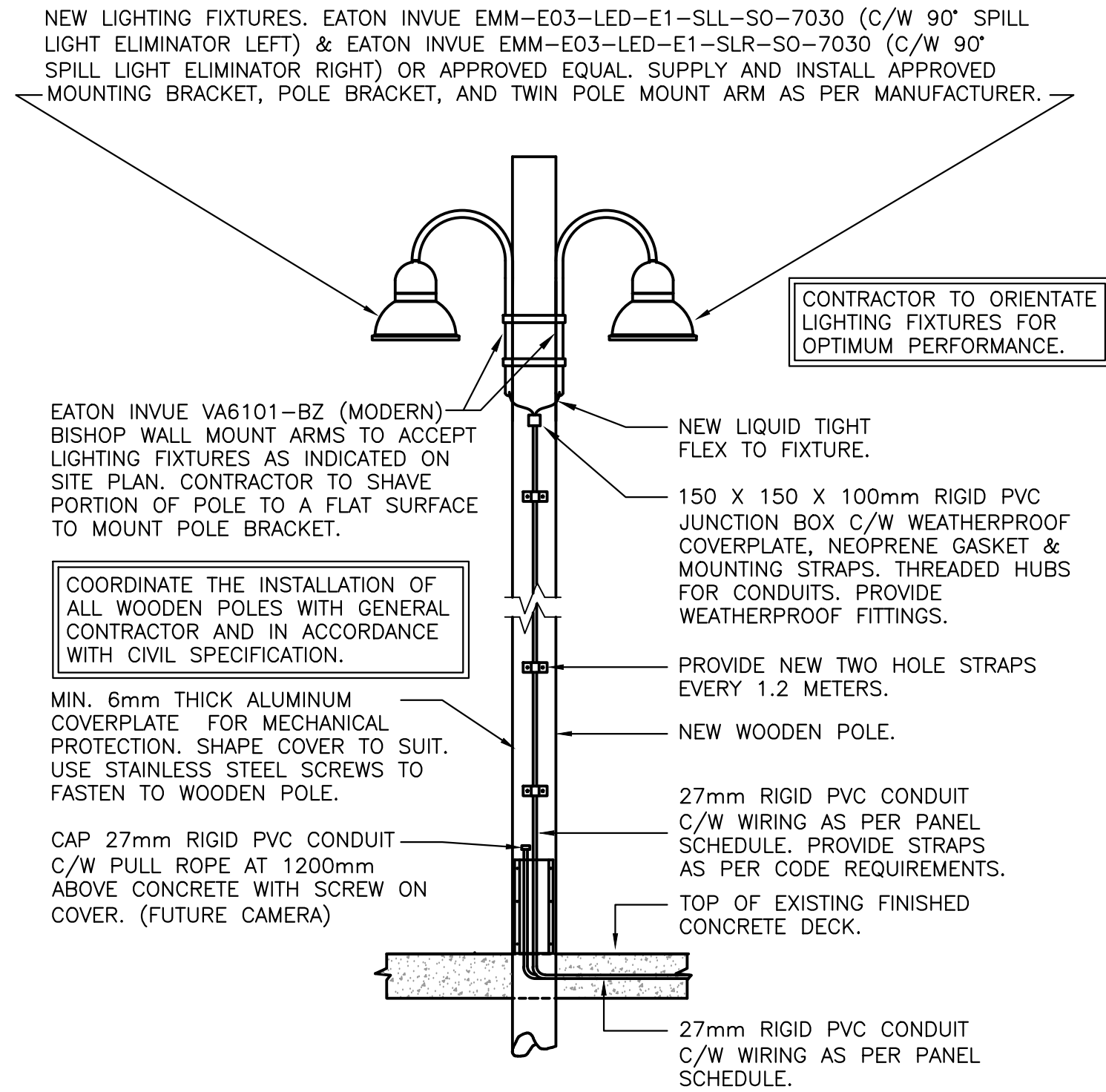
O	ISSUED FOR TENDER	25/06/21
I	RE-ISSUED FOR REVIEW BASED ON 2021 SCOPE	11/05/21
H	RE-ISSUED FOR REVIEW BASED ON 2021 SCOPE	29/04/21
G	ISSUED FOR TENDER	06/03/18
F	RE-ISSUED FOR REVIEW	19/01/18
E	RE-ISSUED FOR REVIEW	04/12/17
D	RE-ISSUED FOR REVIEW	13/10/17
C	RE-ISSUED FOR REVIEW	13/07/17
B	ISSUED FOR 99% REVIEW	12/05/17
A	ISSUED FOR REVIEW	31/03/17

revisions		date
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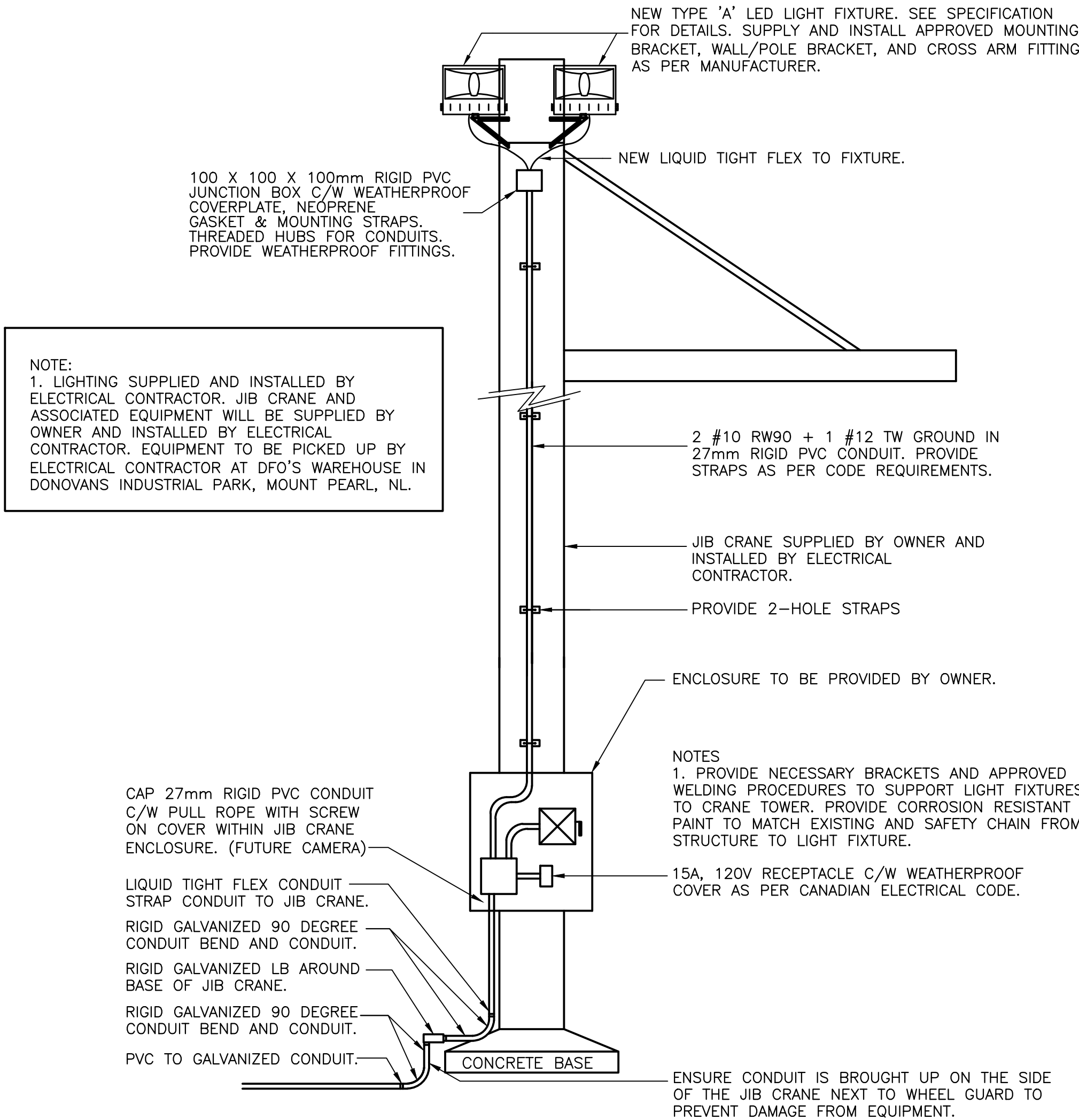
project **WHARF RECONSTRUCTION (PHASE II)** project
GRAND BANK, NL
 drawing **E5** dessin

ELECTRICAL DETAILS AND SHED LAYOUT

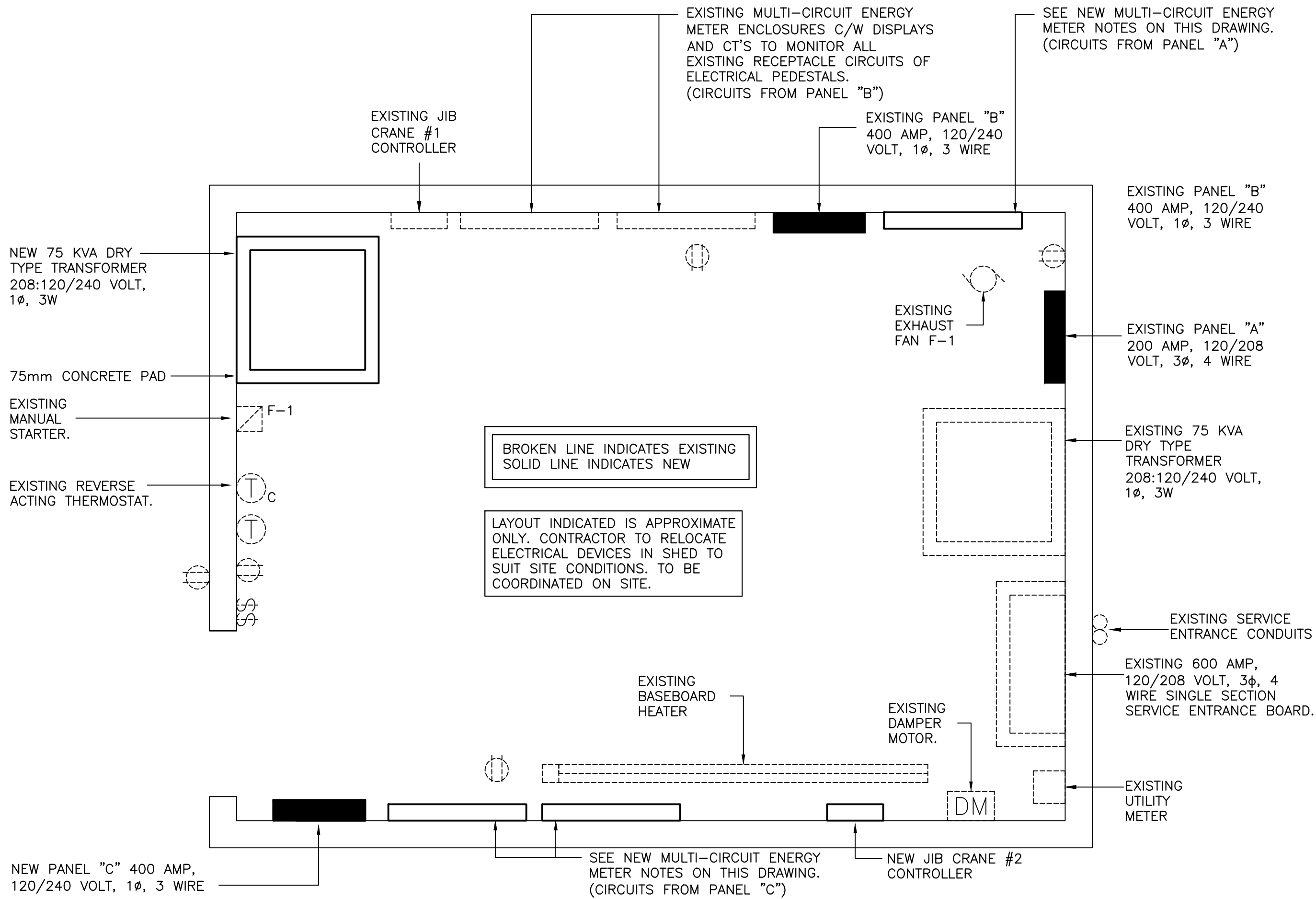
designed	K.N.	conçu
date	MAY 2021	
drawn	D.R.	dessiné
date	MAY 2021	
approved		approuvé
Tender		Soumission
DFO Project Manager		
project number	C2-00200	no. du projet
drawing no.	E5	no. du dessin



DETAIL: LIGHT POLE #5 AND #6
 SCALE : N.T.S.



JIB CRANE DETAIL
 SCALE : N.T.S.



ELECTRICAL SHED LAYOUT

SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm

NEW MULTI-CIRCUIT ENERGY METER NOTES:

1. NEW MULTI-CIRCUIT ENERGY METER ENCLOSURES C/W DISPLAYS AND CT'S. SHALL MONITOR ALL RECEPTACLE CIRCUITS (11 SUCH) OF NEW ELECTRICAL PEDESTALS (2 SUCH). CAPACITY FOR MONITORING 30 CIRCUITS MINIMUM. MEASURE AMPERAGE, VOLTAGE, KW, KVA, KVAR, PF, HZ, KWH. INTELLIMETER 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 SHALL ENSURE THAT THE INFORMATION LABELS OF THE CURRENT TRANSFORMERS (POLARITY MARK / DIRECTION OF CURRENT FLOW, SERIAL NUMBER, APPROVAL NUMBER, ETC.) ARE PLACED AT THE FRONT AND ARE VISIBLE AND LEGIBLE BY THE INSPECTOR.
4. CONTRACTOR TO INSTALL MULTI-METERING SYSTEM IN COMPLIANCE WITH MEASUREMENT CANADA. REFER TO THE FOLLOWING MEASUREMENT CANADA DOCUMENTS:
 - 4.1. S-E-04--INSTALLATION REQUIREMENTS FOR MULTIPLE CUSTOMER METERING SYSTEMS <https://www.ic.gc.ca/eic/site/mc-mc.nsf/eng/1m00366.html>
 - 4.2. 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/1m00172.html>
 - 4.3. 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/1m04068.html>
5. 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.