

SMALL CRAFT HARBOURS

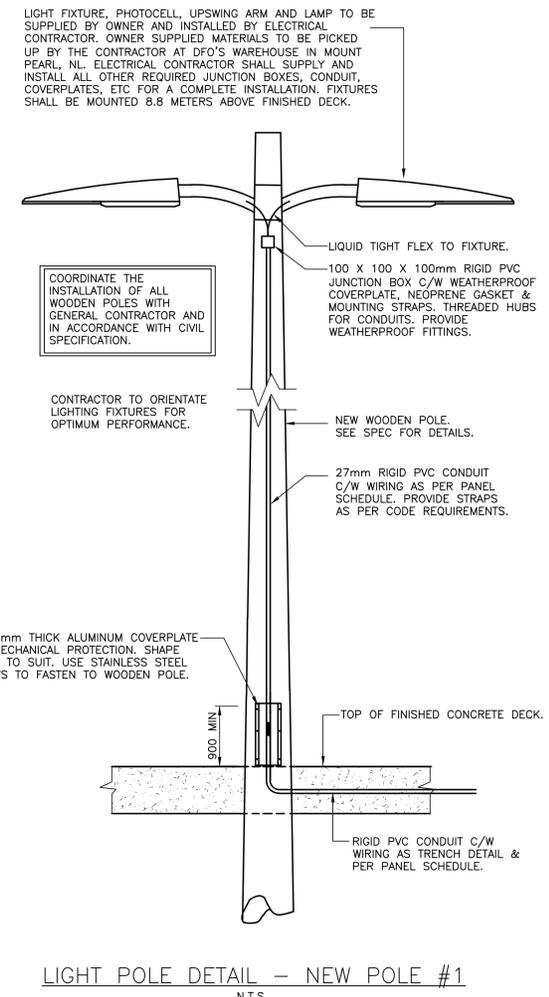


| | | |
|---|-------------------|----------|
| 0 | ISSUED FOR TENDER | 10/05/21 |
| A | ISSUED FOR REVIEW | 13/02/20 |

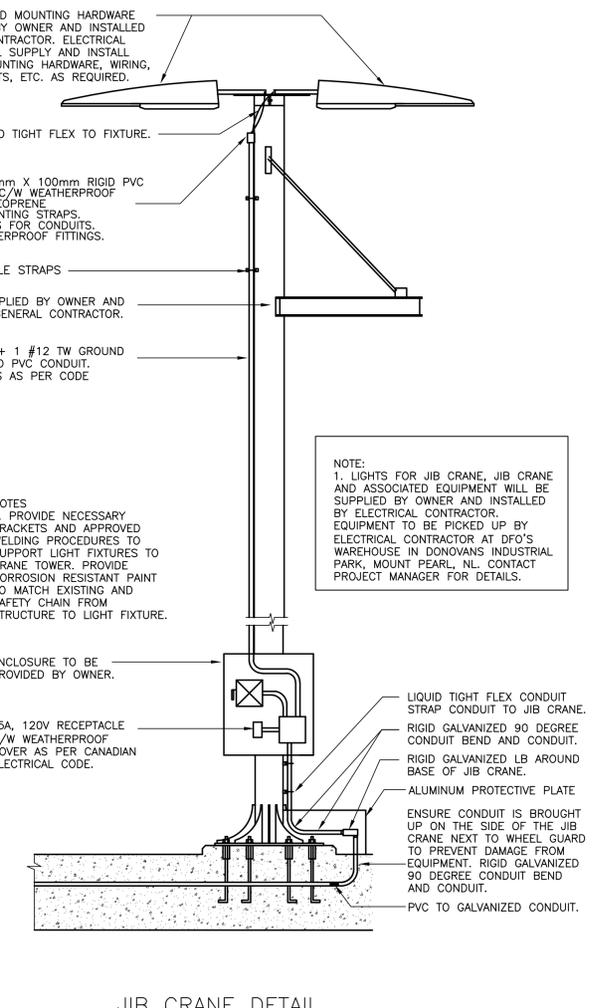
WHARF RECONSTRUCTION TROUT RIVER, NL.

ELECTRICAL DETAILS

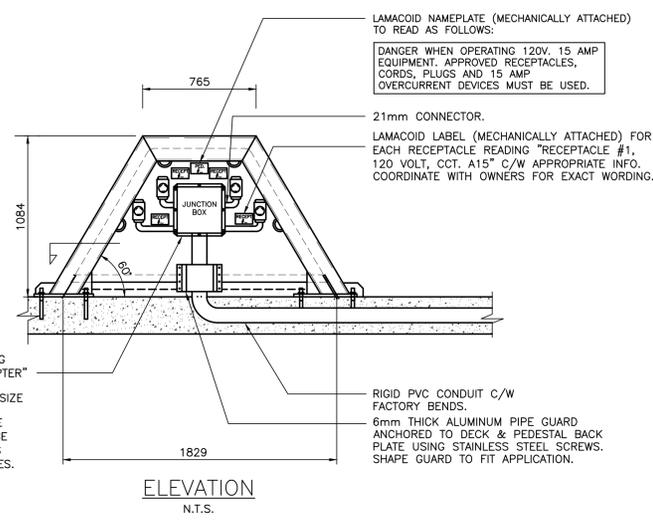
| | | |
|---------------------|--------------------|---------------|
| designed | K. NEIL | concu |
| date | APRIL 2021 | |
| drawn | K. NEIL | desine |
| date | APRIL 2021 | |
| approved | | approve |
| date | | |
| Tender | | Submission |
| DFO Project Manager | <i>Paul Curran</i> | |
| project number | 723199 | no. du projet |
| drawing no. | E4 | no. du dessin |



LIGHT POLE DETAIL - NEW POLE #1
N.T.S.



JIB CRANE DETAIL
N.T.S.

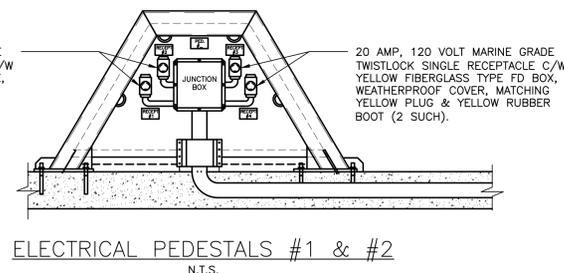


ELEVATION
N.T.S.

PEDESTAL NOTES:

1. REINFORCING OMITTED FOR CLARITY.
2. MOUNT RECEPTACLES IN PVC FD TYPE OUTLET BOX, COVER, GASKET & MOUNTING LUGS. HUBS, WEATHER PROOF FITTINGS, CAST "GROUSE HINDS" OR EQUAL, C/W 20mm
3. UTILIZE RIGID PVC CONDUIT C/W MARINE GRADE FITTINGS. SECURE TO PEDESTAL USING 2 HOLE STRPS & S.S. SCREWS. TYPICAL.

PEDESTAL BY GENERAL CONTRACTOR. SUBMIT SHOP DRAWINGS PRIOR TO MANUFACTURE.



ELECTRICAL PEDESTALS #1 & #2
N.T.S.

| EXISTING PANEL | | PANEL NAME "A" | | MAINS RATED 250 AMPS | |
|-----------------------------------|---------|--------------------------|------------------|----------------------|--------------------------|
| VOLTS 120/208 | PHASE 3 | LOCATION PANEL ENCLOSURE | ENTER AT UTILITY | MOUNTING SURFACE | CIRCUITS 42 |
| DESIGNATION | WATTAGE | WIRE BKR | CCT | A B C | DESIGNATION |
| ST CRANE #1 | 933 | 10 | 20 | 1 | EXISTING PEDESTALS |
| E SPARE | | | 3 | 3 | EXISTING PEDESTALS |
| | | | 5 | 5 | EXISTING PEDESTALS |
| | | | 7 | 7 | EXISTING PEDESTALS |
| | | | 9 | 9 | EXISTING PEDESTALS |
| | | | 11 | 11 | EXISTING PEDESTALS |
| | | | 13 | 13 | EXISTING PEDESTALS |
| | | | 15 | 15 | EXISTING PEDESTALS |
| | | | 17 | 17 | PEDESTAL #1 (RECEPT. #1) |
| | | | 19 | 19 | PEDESTAL #1 (RECEPT. #2) |
| | | | 21 | 21 | PEDESTAL #1 (RECEPT. #3) |
| | | | 23 | 23 | PEDESTAL #1 (RECEPT. #4) |
| | | | 25 | 25 | PEDESTAL #2 (RECEPT. #1) |
| | | | 27 | 27 | PEDESTAL #2 (RECEPT. #2) |
| | | | 29 | 29 | PEDESTAL #2 (RECEPT. #3) |
| | | | 31 | 31 | PEDESTAL #2 (RECEPT. #4) |
| E LIGHTING - ENCLOSURE | | | 34 | 15 10 | JIB CRANE - LIGHTING |
| E RECEPTACLE - ENCLOSURE | | | 36 | 15 | SPARE |
| E HEATING - ENCLOSURE | | | 38 | 15 12 120 | JIB CRANE - RECEPTACLE |
| E SPARE FOR CRANE #2 | | | 40 | 15 10 | EXISTING LIGHTING POLE |
| GF30 LIGHTING - NEW LIGHT POLE #1 | 300 | 10 | 15 | 41 | EXISTING LIGHTING POLE |

TOTAL DEMAND 29.64 KW 83 AMP

E - INDICATES EXISTING CIRCUIT TO REMAIN.
GF - INDICATES CONTRACTOR TO SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER. CIRCUIT BREAKER SHALL BE GFCI CLASS A TYPE. SUPPLY AND INSTALL NEW CIRCUIT BREAKER AS INDICATED C/W MOUNTING HARDWARE, IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.
GF30 - INDICATES CONTRACTOR TO SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER. SHALL BE GFCI CIRCUIT BREAKER WITH GROUND FAULT SETTING AT 30mA. SUPPLY AND INSTALL NEW CIRCUIT BREAKER AS INDICATED C/W MOUNTING HARDWARE, IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.
ST - INDICATES CONTRACTOR TO SUPPLY AND INSTALL NEW CIRCUIT AND CIRCUIT BREAKER. CIRCUIT BREAKER SHALL BE C/W SHUNT TRIP BREAKER, AND CONNECTED TO A 30 mA GROUND FAULT PROTECTION RELAY (EATON D64RPB100 OR APPROVED EQUAL) C/W ENCLOSURE. SUPPLY AND INSTALL C/W MOUNTING HARDWARE, IC RATING TO MATCH. COORDINATE ON SITE. SUPPLY AND INSTALL NEW WIRING AND CONDUIT AS INDICATED.