

Construction & Refurbishment of Bay Class

SAR Lifeboat Marine Infrastructures

Burin, NL

R.116548.001

2022-01-17

PART 1 - GENERAL

- |                             |    |   |
|-----------------------------|----|---|
| <u>1.1 SECTION INCLUDES</u> | .1 | Materials and installation for wood lighting poles.   |
| <u>1.2 RELATED SECTIONS</u> | .1 | Division 01.  |
|                             | .2 | Section 26 05 00 - Common Work Results for Electrical.  |
|                             | .3 | Section 26 50 00 - Lighting.  |
| <u>1.3 REFERENCES</u>       | .1 | Canadian Standards Association (CSA):   |
|                             | 1. | CAN/CSA-015-90, Wood Utility Poles and Reinforcing Stubs.   |
|                             | 2. | CSA C22.2 No. 206, Lighting Poles.  |
|                             | 3. | CSA o80 Series, Wood Preservation.  |
|                             | .2 | American National Standards Institute (ANSI).   |
|                             | .3 | AASHTO-LTS-1 Standard Specifications for Structural Supports for Signs, Luminaries and Traffic Signals. |
|                             | .4 | Adhere to Canadian Electrical Code - current edition.   |
|                             | .5 | Excavating, Trenching and Backfilling.  |
| <u>1.4 PRODUCT DATA</u>     | .1 | Submit product data in accordance with Division 01.   |
| <u>1.5 SHOP DRAWINGS</u>    | .1 | Submit shop drawings in accordance with Division 01.  |

PART 2 - PRODUCTS

- |                         |    |   |
|-------------------------|----|---|
| <u>2.1 WOODEN POLES</u> | .1 | Wood utility poles: to CAN/CSA-015, wood species, Class 1, 10.6 meter poles, CCA pressure treated to 080-M1983. Installation as detailed on civil drawings. |
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1. 10.6m long poles for lighting fixtures.
2. Minimum circumference at top - 635mm.
3. Minimum circumference at 1.8 m from butt - 978 mm.

- .2 Contractor to supply all mounting hardware, wiring, conduit, leg bolts, etc. as required.

## 2.2 EQUIPMENT IDENTIFICATION

- .1 Rustproof number nails with 50 mm high designated number and data installed.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- .1 Install poles true and plumb.
- .2 Check luminaire orientation, level and tilt.
- .3 Connect luminaire to lighting circuit.
- .4 Ground lighting fixture pole.
- .5 Wooden light poles in concrete deck installation shall be as outlined on Civil drawings and in Civil specification. Coordinate with General Contractor.
- .6 Install lights on wooden poles in concrete deck as indicated.