

Construction & Refurbishment of Bay Class

SAR Lifeboat Marine Infrastructures

Burin, NL

R.116548.001

2022-01-17

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## PART 1 - GENERAL

### 1.1 RELATED DOCUMENTS

- .1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

### 1.2 SHOP DRAWINGS AND PRODUCT DATA

- .1 Submit shop drawings and product data for cabinets in accordance with Division 01 - Submittal Procedures.

### 1.3 REFERENCES

- .1 Adhere to Canadian Electrical Code - current edition.

## PART 2 - PRODUCTS

### 2.1 SPLITTERS

- .1 Sheet metal enclosure, welded corners and formed hinged over suitable for locking in closed position.
- .2 Main and branch lugs to match required size and number of incoming and outgoing conductor as indicated.
- .3 At least three spare terminals on each set of lugs in splitters less than 400 A.

### 2.2 JUNCTION AND PULL BOXES

- .1 Weatherproof junction and pull boxes as indicated and sized on drawings. To be used for exterior electrical connections on wooden poles, and pedestals for lighting circuits and wharf receptacles.
- .2 Enclosures rating EEMAC 4X and threaded hubs. Corrosion resistant to salt environment.

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PART 3 - EXECUTION

3.1 SPLITTER  
INSTALLATION

- .1 Install splitters and mount plumb, true and square to building lines.
- .2 Extend splitters full length of equipment arrangement except where indicated otherwise.

3.2 JUNCTION & PULL  
BOX INSTALLATIONS

- .1 Install junction and pull boxes in locations as indicated on drawings.
- .2 Only main junction and pull boxes are indicated. Install pull boxes so as not to exceed 30 m of conduit run between pull boxes.

3.3 IDENTIFICATION

- .1 Provide equipment identification in accordance with Section 26 05 01 - Common Work Results - Electrical.
- .2 Install size 2 identification labels indicating system name, voltage and phase.