

Construction & Refurbishment of Bay Class
SAR Lifeboat Marine Infrastructures
Burin, NL
R.116548.001

2022-01-17

PART 1 - GENERAL1.1 RELATED DOCUMENTS

- .1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- .2 Adhere to Canadian Electrical Code - current edition.

1.2 SUMMARY

- .1 Section Includes:
 - 1. Wiring Devices.

PART 2 - PRODUCTS2.1 RECEPTACLES

- .1 Receptacles, plugs and similar wiring devices to: CSA C22.2 #42M-1984.
- .2 Receptacles shall be as follows:
 - .1 100 Amp, 120/240 Volt, single phase, 3W4P, pin and sleeve type receptacle.
 - .1 Marine grade rated.
 - .2 Complete with matching marine grade plug.
 - .3 Marine grade angled backbox.
 - .4 Marine grade, weatherproof coverplate.
 - .2 150 Amp, 120/240 Volt, single phase, 3W 4P, pin and sleeve type receptacle. Receptacle shall be Appleton Cat. #ADJA15034-150.
 - .1 Marine grade rated.
 - .2 Complete with matching marine grade plug.
 - .3 Marine grade angled backbox.
 - .4 Marine grade, weatherproof coverplate.
 - .3 30 Amp, 120 Volt, marine grade single twist lock receptacle.
 - .1 Complete with matching marine grade plug.

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- .2 Marine grade backbox.
- .3 Marine grade, weatherproof coverplate and rubber boot.
- .4 20 Amp, 120 Volt, marine grade, straight blade duplex receptacle.
 - .1 Complete with matching marine grade plug.
 - .2 Marine grade backbox.
 - .3 Marine grade, weatherproof coverplate and rubber boot.
- .3 Duplex receptacles, marine grade, flush mounted CSA type 5-15 R, 125 V, 15 A, U ground, with following features:
 - 1. Yellow urea moulded housing.
 - 2. Suitable for No. 10 AWG for back and side wiring.
 - 3. Break-off links for use as split receptacles.
 - 4. Eight back wired entrances, four side wiring screws.
 - 5. Double wipe contacts and riveted grounding contacts.
- .4 All receptacles shall be marine grade and of one manufacturer throughout project.
- .5 Supply and install other marine grade receptacles as indicated on drawings.

2.2 COVERPLATES

- .1 PVC marine grade coverplates for wiring devices unless otherwise indicated on plans.
- .2 Coverplates from one manufacturer throughout project.
- .3 PVC cover plates for wiring devices mounted in surface mounted FS or FD type unless otherwise indicated on plans.
- .4 Weatherproof coverplates as indicated.

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PART 3 - EXECUTION

3.1 INSTALLATION

.1 Receptacles:

1. Install receptacles in gang type outlet box when more than one receptacle is required in **one** location.
2. Mount receptacles at height specified in Section 26 05 00 - Common Work Results for Electrical or as indicated.
3. All receptacles on pedestals shall be mounted in the vertical position.

.2 Coverplates:

1. Protect cover plate finish with paper or plastic film until painting and other work is finished.
2. Install suitable common coverplates where wiring devices are grouped.
3. Do not use coverplates meant for flush outlet boxes on surface-mounted boxes.
4. Contractor to run separate neutral for each circuit.