

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

2022-01-17

PART 1 - GENERAL

- 1.1 RELATED SECTIONS .1 Section 31 61 13 - Pile Foundation, General Requirements.
- .2 Section 31 63 19 - Bored and Socketed Piles.
- .3 Section 05 50 00 - Metal Fabrications.
- 1.2 DESIGN .1 Design Requirements: design templates to safely withstand following loads:
- .1 Gravity loads to which template are subjected.
- .2 Lateral loads to firmly hold pile in position when driving.
- .3 Environmental loadings.
- 1.3 SUBMITTALS .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures. All pile driving templates to bear the stamp of a professional engineer (licensed by PEG-NL).
- .2 Product Data: submit manufacturer's printed product literature, specifications and datasheet.
- .1 Include product characteristics, Performance criteria, and limitations.
- .3 Submit shop drawings and indicate following items:
- .1 Material.
- .2 Anchorage, field control and alignment methods.
- .3 Design parameters.
- .4 Tolerance for driving pile.
- .5 Removable members.
- 1.4 FABRICATION .1 Fabricate structural steel for templates: to CAN/CSA-S16 and approved shop drawings.

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- .2 Welding: to CSA W59.
- .3 Use welding companies qualified under CSA W47.1.

1.5 TEMPLATE

- .1 Position and hold template in location to receive piles. Ensure pile positions are within tolerances specified.
- .2 Secure templates to vertical piles in accordance with shop drawings before batter piles are placed.
- .3 Avoid damage to piling when removing templates. When instructed by Departmental Representative, remove templates from Project site.
- .4 Protect templates from damage. Repair damage to templates, formwork or concrete arising from operations at no extra cost.

1.6 MEASUREMENT FOR PAYMENT

- .1 No separate payment will be made for pile driving template and is considered to be included in cost for pile installation.