

## 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 (submit confirmation under seal of engineer licensed by PEG-NL):
- .1 Gravity loads to which template are subjected.
- .2 Lateral loads to firmly hold pile in position when driving.
- 1.3 SUBMITTALS .1 Provide submittals in accordance with Section 01 33 00 - Submittal Procedures.
- .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.
- .2 Welding: to CSA W59.

#### 1.5 TEMPLATE

.3 Use welding companies qualified under CSA W47.1.

.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.