

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 31 23 33.01 – Excavating, Trenching and Backfilling.
- .2 Section 31 32 19.01 - Geotextiles.

1.2 REFERENCES

- .1 American Society for Testing and Materials (ASTM)
 - .1 ASTM C 144-latest edition, Standard Specification for Aggregate for Masonry Mortar.
 - .2 ASTM C 618-latest edition, Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Concrete.
- .2 Canadian Standards Association (CSA)
 - .1 CAN/CSA-A23.1-latest edition, Concrete Materials and Methods of Concrete Construction.
 - .2 CAN/CSA-A3000-latest edition, Cementitious Materials Compendium.
- .3 Ministry of Transportation of Quebec : standard 14501 « Enrochement et revêtement en pierres ».

1.3 WASTE MANAGEMENT AND DISPOSAL

- .1 Not used.

Part 2 Products

2.1 STONE

- .1 Stones of calibre 100 to 300 kg are provided by Parks Canada. The contractor shall ensure loading and transport of the stones from Allen Dumaresq carrear, in Rivière-au-Renard to the site.

2.2 CEMENT MORTAR

- .1 Not used.

2.3 GEOTEXTILE FILTER

- .1 Geotextile: in accordance with Section 31 32 19.01 - Geotextiles.

Part 3 Execution

3.1 PLACING

- .1 Fine grade area to be rip-rapped to uniform, even surface. Fill depressions with suitable material and compact to provide form bed.

- .2 Place geotextile on prepared surface in accordance with Section 313219.01 – Geotextiles and as indicated. Place rip-rap on geotextile so as to avoid puncturing geotextile. Do not drive vehicles directly on geotextile.
- .3 Place rip-rap to thickness and details as indicated and in accordance with indications on drawings.
- .4 Place stones in manner approved by the Departmental representative to secure surface and create a stable mass.
 - .1 Use larger stones for lower courses and as headers for subsequent courses.
 - .2 Place stones with tight staggered joints on all sides, in particular those in line with the slope.
 - .3 Finish surface even and parallel to top of band, free of large openings and neat in appearance.

END OF SECTION