

PART 1 GENERAL

1.1 REFERENCES

- .1 Alberta Environmental Protection
 - .1 Storm Water Management Guidelines for the Province of Alberta, 1999.
- .2 National Parks Act, 2011.
- .3 Canadian Environmental Assessment Act, 2011.

1.2 EXISTING CONDITIONS

- .1 Refer to Geotechnical Report in Appendix “A” for site details.

PART 2 PRODUCTS

2.1 NOT USED

- .1 Not Used.

PART 3 EXECUTION

3.1 TEMPORARY EROSION AND SEDIMENTATION CONTROL

- .1 Provide temporary erosion and sedimentation control measures to prevent soil erosion and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways, according to requirements of authorities having jurisdiction.
- .2 Inspect, repair, and maintain erosion and sedimentation control measures during construction until permanent vegetation has been established.
- .3 Remove erosion and sedimentation controls and restore and stabilize areas disturbed during removal.

3.2 STRIPPING OF TOPSOIL

- .1 Ensure that procedures are conducted in accordance with applicable Parks Canada, Municipal and other Federal requirements.
- .2 Remove topsoil before construction procedures commence to avoid compaction of topsoil.
- .3 Handle topsoil only when it is dry and warm.
- .4 Remove vegetation from targeted areas by non-chemical means and dispose of stripped vegetation outside the park.
- .5 Remove brush from targeted area by non-chemical means and dispose outside the park.

- .6 Strip topsoil to depths as directed by the Departmental Representative.
 - .1 Avoid mixing topsoil with subsoil.
- .7 Pile topsoil in berms in locations as directed by the Departmental Representative.
 - .1 Stockpile height not to exceed 2.5 m.
- .8 Stripped topsoil shall not be destroyed.
- .9 All stockpiled soil must be salvaged for re-use.
- .10 Dispose of unused topsoil off-site as directed by Departmental Representative.
- .11 Protect stockpiles from contamination and compaction.
- .12 Cover topsoil that has been piled for long term storage, with trefoil or grass to maintain agricultural potential of soil.
- .13 All topsoil imported from outside of the campground has to be approved by the Environmental Department. Supply a sample as per Section 01 33 00 to be approved by Parks Canada.

3.3 PREPARATION OF GRADE

- .1 Verify that grades are correct and notify the Departmental Representative if discrepancies occur. Do not begin work until instructed by the Departmental Representative.
 - .1 Grade area only when soil is dry to lessen soil compaction.
 - .2 Grade soil establishing natural contours and eliminating uneven areas and low spots, ensuring positive drainage.

3.4 PLACING OF TOPSOIL

- .1 Place topsoil only after the Departmental Representative has accepted subgrade.
- .2 Spread topsoil during dry conditions in uniform layers not exceeding 150mm, over unfrozen subgrade free of standing water.
- .3 Establish traffic patterns for equipment to prevent driving on topsoil after it has been spread to avoid compaction.
- .4 Cultivate soil following spreading procedures.

3.5 CLEANING

- .1 Proceed in accordance with Section 01 74 11 - Cleaning.
- .2 On completion and verification of performance of installation, remove surplus materials, excess materials, rubbish, tools and equipment.

END OF SECTION