

PRESERVATION OF TOPSOIL

PART 1 GENERAL**1.1 Not Used**

- .1 Not Used.

PART 2 PRODUCTS**2.1 Not Used**

- .1 Not Used.

PART 3 EXECUTION**3.1 Stripping of Topsoil**

- .1 Remove topsoil before any construction procedures commence to avoid compaction of topsoil.
- .2 Handle topsoil only when it is dry and warm.
- .3 Remove vegetation from targeted areas by non-chemical means and dispose of stripped vegetation by off-site.
- .4 Remove brush from targeted area by non-chemical means and dispose of through mulching as noted in drawings of disposal off-site.
- .5 Strip topsoil to depths as indicated on drawings to required proposed sub-grades of proposed elements. Avoid mixing topsoil with subsoil.
- .6 Pile topsoil in berms in locations as Consultant. Stockpile height not to exceed 2.5 - 3m.
- .7 Dispose of unused topsoil in location as indicated by Consultant.
- .8 Protect stockpiles from contamination and compaction.
- .9 Topsoil that has been piled for long term storage will be covered with trefoil or grass to maintain agricultural potential of soil.

3.2 Preparation of Grade

- .1 Verify that grades are correct. If discrepancies occur, notify Consultant and do not commence work until instructed by Consultant.
 - .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.

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3.3 Placing of Topsoil

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

3.4 Sub-Soiling

- .1 Following the spreading and cultivating procedures sub-soil the area to improve drainage and agricultural potential of soil.
- .2 With a vibrating sub-soiler work the area to a depth of 40 cm. Follow the contour lines of the natural grades of the area.
- .3 Cross sub-soil the area following the first pass.
- .4 Cultivate the soil with a chain harrow to de-clod the soil.
- .5 Remove surface debris, roots, vegetation branches and stones in excess of 50 mm diameter.

END OF SECTION - 02234