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## **PART 1 - GENERAL**

### **1.1 General**

- .1 This section reviews the manner in which the lands affected by trenching operations are to be restored after construction operations.

### **1.2 Protection**

- .1 Prevent damage to trees, landscaping, natural features, bench marks, existing buildings, fences, existing roadways and surface or underground utility lines which are to remain. Make good any damage.

## **PART 2 - PRODUCTS**

### **2.1 Materials**

- .1 NOT APPLICABLE.

## **PART 3 - EXECUTION**

### **3.1 General**

- .1 Restore damaged and disturbed surfaces to a condition equal to or better than original condition.
- .2 Maintain damaged or disturbed surfaces including pavements, boulevards, curbs, sidewalks, as directed by the Contract Administrator until permanent repairs and restoration has been made.

### **3.2 Grading**

- .1 Grade to levels, profiles and contours existing prior to construction.
- .2 Compact fill in disturbed areas unless specifically stated otherwise:
  - .1 To standard Proctor Dry Density to ASTM D698 of:
    - .1 95%.

### **3.3 Trenched Areas**

- .1 Upon completion of Work, remove surplus materials and debris, trim slopes and correct defects.
- .2 Asphalt, unistone or concrete pavement areas: Salvage existing gravel and restore to original grade and conditions. To be backfilled in accordance with City of Winnipeg standard specification CW-3330 – Installation of Interlocking Paving Stones.
- .3 Grassed areas: Restore grass as affected by construction by re-sodding to their original grade in accordance with City of Winnipeg standard specification CW-3510 – Sodding unless otherwise stated.

- .4 Sidewalks: Restore to original condition or replace all sidewalks that are removed during construction in accordance with City of Winnipeg standard specification CW-3325 – Portland Cement Concrete Sidewalk.

### 3.4 Clean Up

- .1 Clean and reinstate areas affected by Work as directed by Contract Administrator.
- .2 Clean up any material dropped or spilled during trenching and hauling operations to the satisfaction of the Contract Administrator.
- .3 Haul any excavated and unnecessary material from site and dispose in a manner acceptable to the Contract Administrator.
- .4 Grade and level excess excavation stock-piles to remove any steep embankments to a maximum 2:1 slope.
- .5 Remove all excess excavated material, trash and other debris from the site, as directed by the Contract Administrator.

### 3.5 Settlement

- .1 Promptly repair any settlement of backfill which occurs prior to end of warranty period.
- .2 Re-compact defective areas and place and compact additional backfill up to grade. Use material matching adjacent surface and compact to specified density.
- .3 Pay all costs to repair damages to other Work caused by such settlement.

### 3.6 Surplus

- .1 Dispose of surplus material.

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End Section 02215