

DEMOLITION, REMOVAL AND SALVAGE

**1 General**

**1.1 RELATED WORK**

.1 Coordinate the requirements of this section with all other sections, including but not limited to:

.1 Section 01410 Testing Laboratory Services

.2 Section 02065 Existing Plant Material

.3 Section 02210 Rough Grading

**1.2 QUALITY CONTROL**

.1 **City of Saskatoon, Parks Branch** to approve demolition, removals, and salvage of existing items located on public property.

.1 Existing topsoil located on site must be approved before strip and stockpile operations.

**1.3 INSPECTIONS**

.1 **City of Saskatoon, Parks Branch and Consultant** to inspect the site to review and verify all items to remain, demolish / remove, and salvage / stockpile.

.1 Take record photographs of items identified for salvage, before start of salvage and stockpile operations.

.2 Notify **Consultant** for inspection before:

.1 Demolition or salvage operations of major items.

.2 Stockpile of items salvaged, before re-use.

.3 Stockpile of existing topsoil, stripped from site, before re-use.

**1.4 TESTING**

.1 Test existing topsoil: ALS Laboratory Group, Saskatoon or other approved testing laboratory service.

.2 Required tests:

.1 PSA-2 (Particle size analysis).

.2 C-TOT-ORG (organic carbon).

.3 SAL-DETAIL+TGR (detailed salinity).

.4 Soil Analysis Package 1 (for NPKS - with recommendations).

**DEMOLITION, REMOVAL AND SALVAGE**

**2 Products**

**2.1 MATERIALS**

- .1 All existing site items before start of construction including:
  - .1 Park signs, site furnishings, play and sports equipment, fencing, irrigation components and light fixtures.
- .2 Existing Topsoil: existing surface capable of supporting good vegetative growth and suitable for landscape use.

**3 Execution**

**3.1 PREPARATION**

- .1 Prior to demolition, removal or salvage of irrigation, and electrical items, ensure water connection or electrical distribution system has been turned off or disconnected prior to start of Work.
  - .1 Do not proceed with any portion of the Work until approval is given by Authority involved.

**3.2 DEMOLITION AND REMOVAL**

- .1 Remove and dispose of items per drawings.
  - .1 Do not disturb adjacent items.
  - .2 Dispose of materials not for salvage or re-use off site.
- .2 For removal of existing pavements, curbs and gutters:
  - .1 Square up adjacent surfaces to remain in place by saw cutting.
  - .2 Protect adjacent joints and load transfer devices.
  - .3 Protect underlying granular materials.
- .3 For removal of pipes under existing or future pavement areas:
  - .1 Excavate min 300mm below pipe invert.

**3.3 SALVAGE OF ITEMS**

- .1 Salvage all items per drawings.
  - .1 Carefully dismantle items, protecting adjacent items.
  - .2 Backfill all holes and repair to safe condition.

DEMOLITION, REMOVAL AND SALVAGE

- .3 Stockpile salvaged materials in locations specified.
- .2 Existing features for salvage:
  - .1 Stockpile on site and notify Project Manager for pick-up.
  - .2 Remove concrete from post footings.
- .3 Salvage and stockpile of existing light fixtures:
  - .1 Only **Saskatoon Light and Power** is authorized to proceed with this Work.
- .4 For salvage and stockpile of granular materials, including play sand:
  - .1 Excavate to sub grade. Do not mix sub soil with material to be salvaged.

**3.4 STRIP AND STOCKPILE OF TOPSOIL**

- .1 Remove weeds, stones, debris, and other foreign material in excess of 50mm diameter prior to start of Work.
- .2 Strip topsoil to sub grade in areas identified on drawings to depths specified, avoid mixing with subsoil.
- .3 Do not strip or handle wet or frozen topsoil. This will disturb soil structure.
- .4 Stockpile topsoil per drawings.
  - .1 Alternative locations require approval before proceeding.
  - .2 Max. stockpile height 3m unless another height is approved by **City of Saskatoon, Parks Branch**.
  - .3 Protect stockpile from compaction, water saturation, contamination and erosion.

**3.5 CLEAN UP**

- .1 Clean adjacent walks, road and other surfaces at the end of each working day.

**END OF SECTION**

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