

**SECTION 02928
SODDING**

PART 1 -GENERAL

1.1 WORK INCLUDED

- .1 This section covers all sod and application of sod.

1.2 RELATED WORK

- .1 Section 02912: Soil Preparation and Placement.
- .2 Examine the work of other sections upon which the work of this section depends, and correct any defects.

1.3 LAYING OUT WORK

- .1 All work shall be laid out by the Contractor, who shall be fully responsible for the accuracy thereof. The Contractor shall provide the necessary personnel to assist the Consultant in checking such lines and grades.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Sod:
- .a Sod shall be nursery grown, true to type, conforming to the standards of the Nursery Sod Growers' Association and their Nursery Sod Specifications. Sod shall be quality, cultured turf grass, grown from seed approved by the Canada Department of Agriculture, free of diseases, clovers, stones, pests, and debris. Sod shall be relatively free of weeds, containing no more than two (2) broadleaf weeds or ten (10) annual weeds or weedy grasses per 40 square metres (47.8 square yards). Sod to be grown on sandy loam and to be free of netting.
 - .b The grass mixture in sod shall be suited to the locality, site conditions, and intended maintenance procedures for each project or area. Sod shall be cut by machines designed for that purpose and by accepted methods conforming to one of the following dimensions:
 - i. One square yard strip (0.836 sq. m.) - 18 inches wide (437 mm) and 6 feet long (1.83 m).
 - ii. One square metre strip - 457 mm wide and 2.19 m long.
 - iii. Strips shall be rolled for shipment.
 - .c When lifted, the height of grass in sod shall be between 40 mm and 60 mm.
 - .d Sod shall be lifted in such a manner as to prevent tearing or breaking.
 - .e The mowing height limit shall be 38 mm (1 1/2") to 64 mm (2 1/2"), and the thickness of the soil portion of the sod shall not exceed 25.4 mm (1") or be less than 16 mm (5/8").
 - .f Grasses in sod shall be of sufficient density that no surface soil will be visible when mowed to a height of 38 mm (1 1/2").

PART 3 - EXECUTION

3.1 SODDING

- .1 The growing medium under all sodded areas shall be spread evenly over the approved subgrade to the specified depth. The minimum depth of growing medium under sodded areas shall be 6 inches.

- .2 The required fertilizer shall be applied to and well worked into the growing medium by discing, raking or harrowing at the rates specified.
- .3 Sod shall be laid as soon as possible after delivery to prevent deterioration and shall be laid within 24 hours of delivery.
- .4 Sod shall be laid staggered, closely knit together in such a manner that no open joints are visible, and no pieces overlap.
- .5 Sod shall be laid smooth and flush with adjoining grass areas and paving and top surface of curbs unless shown otherwise on the drawings.
- .6 On any slopes of approximately 2:1 and steeper, sod shall be laid lengthwise up the slope, and every row shall be pegged with wooden pegs at intervals of not more than 0.5 metres. Pegs shall be driven flush with sod.
- .7 Wooden pegs, to be used for pegging sod on steep slopes, shall be lath pegs. Pegs shall be of sufficient length to ensure satisfactory anchorage of the sod.
- .8 Erosion control netting shall be installed in sodded areas where required.
- .9 Where required, erosion control mesh or netting shall be placed and secured with stakes or staples sunk firmly into the ground to a minimum depth of 150 mm at maximum intervals of 4.5 metres along the pitch of the slope. Stakes or staples shall be placed horizontally across the slope at intervals equal to the width of the mesh or netting minus 15 cm and driven flush with the top of the sod.
- .10 New sod shall be protected from heavy foot traffic during laying. Planks shall be placed if necessary to prevent damage.
- .11 Sod shall be cut where necessary only with sharp tools.
- .12 The sodded area shall be rolled, tamped, or planked providing sufficient pressure to ensure a good bond between sod and growing medium.
- .13 The sod area shall be watered immediately with sufficient amounts to saturate the sod and upper 100 mm of growing medium.

3.2 MAINTENANCE

- .1 Keep soil moist during germination period and adequately water seeded areas until accepted by the Consultant.
- .2 Apply water to ensure moisture penetration of 2 in. to 4 in. Control watering to prevent washouts.
- .3 Cut grass when it reaches height of 3 in. and cut to the height of 2 in. Evenly distribute (do not remove) clippings which exceed 1/2 in. in depth.
- .4 Maintain grassed areas free of weeds and disease.

3.3 ACCEPTANCE

- .1 Sodded areas will be accepted provided that:
 - .a Sodded areas are properly established and true to grade.
 - .b Turf is free of eroded, bare or dead spots and 98% + free of weeds.
 - .c No surface soil is visible when grass has been cut to height of 2 in.
 - .d Sodded areas have been cut at least twice, the last cuts being carried out within 24 hours of acceptance.

- .2 Areas sodded in Autumn will be accepted in following Spring one month after start of growing season provided acceptance conditions are fulfilled.

3.4 CLEAN-UP

- .1 All materials and other debris resulting from sodding operations shall be removed from the job site.

END OF SECTION