

B201-6 - MECHANICAL STUMP CUTTING (OPSS 201)**201-6.1 GENERAL**

Stump removal using a mechanical cutter is a chipping operation whereby tree stumps are removed to a depth of 0.15 m below the surrounding area, leaving the root systems undisturbed.

Under this tender item, only those stumps 150 mm diameter and greater are considered for stump removal by mechanical cutter.

For innumerable small trees, those less than 150 mm diameter, close cut clearing is a more practical and acceptable means of removing hazards or improving aesthetics.

201-6.2 REFERENCES

CDED B201-1 - Clearing

201-6.3 TENDER ITEMS

0201-0090 Mechanical Stump Cutting (normal, each, PQP)

201-6.4 SPECIFICATION

The requirements for grubbing are contained in OPSS 201.

201-6.5 SPECIAL PROVISIONS

Refer to chapter 'E' of this Manual to review applicable standard special provisions.

201-6.6 STANDARD DRAWINGS - None**201-6.7 DESIGN****201-6.7.1 Areas of Stump Removal by Mechanical Cutter**

Following are typical conditions under which stump removal by mechanical cutter is considered desirable:

- a) In urban areas, beyond grading limits, where grubbing is an unwarranted expense and regular mowing a necessity;

- b) Areas where underground utility installations are liable to damage from grubbing operations;
- c) Areas where grubbing operations may affect culverts, or undermine buildings, sidewalks, pavement or shoulders;
- d) Following clearing or close cut clearing - to remove hazards, permit mowing or to improve aesthetics, without having to remove entire root systems, as is the case in grubbing operations.

201-6.8 COMPUTATION

This is a Plan Quantity Payment item.

Computation procedures for mechanical stump cutting are the same as those for clearing (see CDED B201-1) except that the unit of measurement is "each", and all stumps removed, regardless of size, are included in one tender item.

201-6.9 DOCUMENTATION

Documentation procedures for mechanical stump cutting are the same as those for clearing (see CDED B201-1).

All stumps to be removed must be so designated on the contract drawings.