

UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

---

CONSTRUCTION SPECIFICATION  
CS-23: "LAND LEVELING"

---

23.1 SCOPE

The work shall consist of excavating, transporting and spreading earth materials on field designated for reshaping and/or leveling.

23.2 SITE PREPARATION

All land to be reshaped and/or leveled shall be cleared of brush, excessive crop residue, trash, and live vegetative material prior to leveling.

All trash and brush materials shall be disposed of in areas outside the work limits and in a manner as approved by the landowner and technical representative. Crop residue and vegetative materials may be disposed of within the work limits as approved by the technical representative.

23.3 MATERIALS

The earth materials used for fill shall be obtained from areas within the field marked by cut stakes or designated borrow areas. Fill material shall contain no heavy sod, brush, frozen soil or other foreign material.

23.4 CONSTRUCTION

- a. The land shall be leveled to the designated grade or grades as shown on the plans and indicated by the cut and fill stakes in the field.
- b. Fills of more than 6 inches shall be built up by spreading the soil in successive layers.
- c. Leveling operations shall not be performed when soil moisture conditions will result in excessive equipment compaction.
- d. Cut and fill stakes shall be maintained until a final check of the land surface grade or grades has been made. Windrows or islands of earth shall be left at the stakes until the final check is complete. Minimum width of the windrow or island shall be 2 feet. After the final check, the windrow or islands of earth shall be removed and spread for the finished grade.