

NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE GENERAL SPECIFICATIONS
COMPOSTING FACILITY (POULTRY MORTALITY)

(No.)

CODE 317

1. SCOPE

Work shall consist of constructing the dead bird composting facility and includes site preparation, concrete, water line, and building material to the location and elevations shown on the drawings or as staked in the field.

2. PUBLIC AND PRIVATE UTILITIES

Utilities are defined to be overhead and underground power or communication lines, and pipelines. All utilities discovered to be in the work area are shown on the drawings or sketches. However, the absence of indicators on the drawings or sketches does not assure the nonexistence of utilities in the work area. The contractor is alerted to conduct his own search and discovery for utilities in order to lessen or avoid potential damages. The owner/operator shall complete TX-ENG-80, UTILITIES INVENTORY prior to layout or any ground disturbance and return it to an NRCS representative.

3. SITE PREPARATION

The construction site shall be cleared of all trees, stumps, roots, brush, boulders, sod and debris. All material not suitable for subgrade shall be removed from foundation areas and replaced with compacted earth fill.

The area shall be shaped, graded, and filled, if necessary, to provide a slope away from the structure for drainage. Any fill material used shall be free from all sod, roots, frozen soil, stones over 6" in diameter, and other objectionable material. Fill material shall be compacted with at least one pass of construction equipment over the entire surface of each layer placed. Layers should be less than 12" thick.

4. BUILDING MATERIALS

All concrete materials and construction procedures shall be in accordance with reinforced concrete construction specifications. Cement shall be air entrained (Type IA). The minimum compressive strength of the concrete shall be 3,000 psi at 28 days. The concrete floor shall be reinforced with wire mesh and be at least 5" thick. A 12" footer with reinforcement bars shall be placed around the perimeter of the floor. Building access locations for front-end loaders and other equipment shall provide additional reinforcement as needed. Reinforcement steel shall be of the designated size, shall be placed at locations shown on the drawings, and shall be securely tied. Water line shall be of acceptable plastic or iron pipe. Water hydrant access point(s) shall be at a convenient location,

supported by a post, and be provided with a gravel drain. All lumber, posts, and timbers shall be

<p>Conservation practice General Specifications are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resources Conservation Service.</p>

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pressure treated. Roof truss design and support shall be in accordance with local government codes and follow manufacturer's standard dimensions.

5. VEGETATION

A protective cover of vegetation shall be established on all exposed surfaces of fills, borrow areas, or other disturbed areas. Newly vegetated areas shall be fenced where necessary to protect the vegetation.

6. CONSTRUCTION DETAILS