

STATEMENT OF WORK Terrace (600)

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in practice standard have been met and are compatible with planned and applied practices
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits to be obtained by the client
 - c. Compliance with NRCS national and state utility safety policy (NEM part 503-Safety, Section 503.00 through 503.22)
 - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Hydrology/Hydraulics
 - ii. Interval/Spacing
 - iii. Capacity of terrace channel and storage area
 - iv. Outlet Capacity and Stability
 - v. Erosion Control
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Operation and maintenance plan
4. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, 505.3(b)(2)).
5. Design modifications during installation as required
6. Documentation needed for the practice depends on the specific conditions at the site where it will be installed. However in New Mexico, the minimum required documentation is: Profile of channel and ridge, cross section for each terrace, land slope, vertical or horizontal interval as appropriate, type and adequacy of outlet, length and grade of each terrace, adequacy of vegetation if required, underground outlets, copies of tables used, and design flow.
7. Supporting data for this practice are to include a record of planning, design calculation, installation, checking, and maintenance necessary to ensure an effective practice. Location identification is required.
8. NM-ENG-121, 237, and 238 may be used to assist in system design.
9. The local SWCD can help identify local permits and regulatory requirements. (Refer to Item 1.b above)

INSTALLATION

Deliverables:

1. Pre-installation conference with client and contractor
2. Verification that client has obtained required permits
3. Staking and layout according to plans and specifications including applicable layout notes
4. Installation inspection
 - a. Verification of materials used
 - b. Field inspections during construction
 - c. Record of inspection activities
5. Facilitate and implement required design modifications with client and original designer
6. Advise client & NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
7. Certification that the installation process and materials meets design and permit requirements (NEM Subpart A, 505.3(c) (1)).
8. Information required by Design Deliverable Item 6, as a minimum, must be collected. This is especially true for work that cannot be observed once installation is complete.

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CHECK OUT

Deliverables:

1. As-built documentation
 - a. Extent of practice units applied
 - b. As-built drawings documenting critical elevations, grades and changes from the design
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits
3. Progress reporting
4. As a minimum, all Design Deliverable Item 6 requirements shall be measured, photographed, or documented to show that the installed practice meets the standard, specification, and design requirements.

REFERENCES

- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Terrace, 600.
- National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook