

STATEMENT OF WORK
Windbreak/Shelterbelt Establishment (380)
Kansas
August 2004

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These deliverables apply to this individual practice. For other planned practice deliverables, refer to those specific statements of work.

DESIGN

Deliverables

1. Pre-design conference with client
2. Contact district forester for planning assistance
3. Planned practice as identified in the conservation plan will address the identified resource concern.
4. If enrolled in a conservation program, this practice must meet all conditions and requirements of program enrollment that may exceed the practice standard.
5. Design documentation that will demonstrate that the criteria in Natural Resources Conservation Service (NRCS) practice standard has been met and is compatible with planned and applied practices. (Form KS-ECS-5, Tree/Shrub Planting).
 - a. Practice purpose(s) as identified in the conservation plan
 - b. List of required permits to be obtained by the client
 - c. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to the following:
 - i. Determination of adapted species of trees and shrubs, extent and position in row(s), and desired density for intended purpose(s)
 - ii. Orientation of windbreaks/shelterbelts and, as applicable, spacing between windbreaks, to achieve intended purpose(s)
 - iii. Protective measures for plants to provide desired function including Use Exclusion (472)
 - iv. Additional provisions, as required, wind erosion control, snow management, shelter of structures and livestock, noise abatement, improvement of air quality, increasing carbon storage in plants and soil, providing wildlife habitat and travel corridors, and improving irrigation efficiency
6. 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
7. Documentation of needed operation and maintenance
8. Certification that the client has reviewed the design and agrees to carry out the practice as planned will be documented on Form KS-ECS-5.
9. Certification that the design meets practice standard criteria and complies with applicable laws and regulations will be documented on Form KS-ECS-5.
10. Compliance with all federal, state, tribal, and local laws and regulations and NRCS policies during design will be documented on Form KS-CPA-52, Environmental Effects for Conservation Planning.
11. Compliance with NRCS national and state utility safety requirements (National Engineering Manual [NEM] Part 503-Safety, Section 503 through 503.22) Form KS-ENG-62, Letter to Land User Regarding Responsibility for Underground Utilities During Construction
12. Progress reporting

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INSTALLATION

Deliverables

1. Pre-application conference with client
2. Verification that client has obtained required permits
3. Staking and layout according to plans and specifications including applicable layout notes
4. Application guidance as needed
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 application process and materials meet design and permit requirements (Form KS-ECS-5).

CHECKOUT

Deliverables

1. Records of application
 - a. Extent of practice units applied
 - b. Actual plant materials used and applied
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits (Form KS-ECS-5).
3. Progress reporting

REFERENCES

- NRCS electronic Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard and Specification 380, Windbreak/Shelterbelt Establishment
- NRCS National Forestry Handbook, Part 636.4
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS eFOTG, Section IV, Forms
- NRCS eFOTG, Section IV, Forestry Technical Note 9
- NRCS eFOTG, Section II, Windbreak Interpretations
- NRCS eFOTG, Section IV, Tree/Shrub Establishment (612), Riparian Forest Buffer Plantings (391), Hedgerow Planting (422), Forest Site Preparation (490), Windbreak/Shelterbelt Renovation (650)
- NEM, Part 503-Safety, Section 503.00 through 503.22, National Utility Safety (Form KS-ENG-62, 1-800-DIG-SAFE)