

STATEMENT OF WORK
Windbreak/Shelterbelt Renovation (650)
Washington

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 NRCS 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. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Determination of needed cultural measures such as row removal, thinning, pruning, addition of new rows, etc., to maintain intended density and functions
 - ii. Protective measures for plants to maintain intended functions including use exclusion
 - iii. **Complete Biological Technical Note 14 for Cropland.**
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. Documentation of needed operation and maintenance.
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations.
5. Design modifications during installation as required.

Note: *Incorporate compliance with all federal, state, local and/or tribal laws, regulations and permitting requirements within the practice design. Use approved jobsheets, specification worksheets, Planner's guide, technical notes and practice standard references as appropriate. Include required documentation within Documentation Requirement form.*

INSTALLATION

Deliverables

1. Pre-application conference with client **where site specific specifications are reviewed.**
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. **Provide As-Built (Installation) notes and modifications.**
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.

Note: *Document meetings. Provide maps, photos, video or drawings of treatment area. Provide all other implementation notes and issues. Document the effectiveness of treatment to achieving the purpose.*

**STATEMENT OF WORK
Windbreak/Shelterbelt Renovation (650)
Washington**

CHECK OUT

Deliverables

1. Records of application.
 - a. Extent of practice units applied
 - b. Actual cultural measures/plant materials used and applied
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits.
3. Progress reporting.

Note:

Provide NRCS with completed & signed Documentation Requirement form, As-Builts and all other support documentation

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Windbreak/Shelterbelt Renovation, 650
- NRCS National Forestry Handbook (NFH), Part 636.4
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook

Note:

Strange, C. & Brandle, J.R., Windbreak Management. EC 96-1768-X. University of Nebraska Cooperative Extension

WA Plant Materials Technical Note #1, Seeding Guide. Section 1, Field Office Technical Guide (FOTG).

WA Plant Materials Technical Note #13, Trees Against the Wind, a Pacific Northwest Extension Publication. Section 1, Field Office Technical Guide (FOTG)

WA Forestry Technical Note #15, Water Needs of WindBreaks for Trickle Irrigation System Design. Section 1, Field Office Technical Guide (FOTG)

WA Forestry Technical Note #18, Tree and Shrub Windbreak Effectiveness, Section 1, Field Office Technical Guide (FOTG)

MT Plant Materials Technical Note #51, Temporary Storage and Handling of Container, Bareroot, and Cutting Stock. Section 1 of Montana NRCS's Field Office Technical Guide (FOTG).

USDA/NRCS. Windbreaks for Conservation. Agriculture Information Bulletin 339.