

STATEMENT OF WORK
Windbreak/Shelterbelt Establishment (380)
Minnesota

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 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 access control
 - iv. Additional provisions, as required, wind erosion control, snow management, shelters, structures and livestock, noise abatement, visual screens, improvement of air quality, increasing carbon storage in plants and soil, providing wildlife habitat and travel corridors, and improving irrigation efficiency
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.
 - a. Sign Legal Responsibilities Certification form if requested by NRCS
5. Design modifications during installation as required.
6. Complete Windbreak Shelterbelt Establishment Job Sheet and/or MN-ECS-002 as appropriate.

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.

CHECK OUT

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.
 - a. Sign Legal Responsibilities Certification form if requested by NRCS
3. Sign hard-copy of Form CCC-1245 if requested by NRCS.
4. Record progress reporting as required; submit print-out of screen as requested.

STATEMENT OF WORK
Windbreak/Shelterbelt Establishment (380)
Minnesota

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Windbreak/Shelterbelt Establishment, 380
- MN NRCS Field Office Technical Guide (eFOTG), Section II, Conservation Tree/Shrub Groups by county
- University of MN/MN DOT Living Snow Fence Design Module (for living snow fences only)
- Sustaining Minnesota Forest Resources: Voluntary Site-Level Forest Management Guidelines
- NRCS National Forestry Handbook (NFH), Part 636.4
- NRCS National Forestry Manual (NFM), Title 190
- NRCS National Planning Procedures Handbook
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook

Supporting Conservation Practice Standards

- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Forest Site Preparation, 490
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Upland Wildlife Habitat Management, 645
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Access Control, 472
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Tree/Shrub Establishment, 612
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Conservation Crop Rotation, 328
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Conservation Cover, 327
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Residue and Tillage management, 345, 329, 346, 344 (as appropriate)
- MN NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Grassed Waterway, 412