

STATEMENT OF WORK
Livestock Shelter Structure (576)
North Dakota

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

DESIGN

Deliverables:

- 1) Detailed topographic map(s) of structure site, if permanent, or all planned structure sites if portable.
- 2) Identify fields where practice will be applied on a conservation plan map.
- 3) Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other 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) Verify with the Field Office conservation planner that all concerns under the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA) have been adequately addressed.
 - d) Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06)
 - e) Plan map identifying where practice is to be applied. If a portable structure, identify timeframe and locations of all locations where practice is to be applied.
 - f) List of facilitating/component practices.
 - g) Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i) Location/Alignment
 - ii) Height
 - iii) Size
 - iv) Spacing
 - v) Type of material
- 4) 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 including but not limited to:
 - a) Location map including legal description, north arrow, and scale. Location(s) of structure shall be specifically identified, such as an "X" on the map.
 - b) Plan view of structure installation showing type of structure, location(s), and orientation of the shelter structure.
 - c) Structure details.
 - d) Materials, including the dimensions, amount, any coating, and quality to be used.
 - e) Cooperator's signature of review and acceptance to constructor of the livestock shelter structure according to the plans and specifications.
- 5) Design report as appropriate (NEM Part 511, Subpart B Documentation, 511.10 and North Dakota Amendment 511.11).
- 6) Operation and Maintenance Plan
- 7) Certification
 - a) Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, North Dakota Amendment 505.3).
 - b) TSP or Non-NRCS Engineer: Certification the design meets practice standard criteria and complies with applicable laws and regulations (NEM Part 505 Subpart A 505.0-505.2 and North Dakota Amendment 505.3).
 - c) NRCS Employee: Document engineering job class and show proper engineering job approval authority is obtained.
- 8) If enrolled in a conservation program, this practice must meet all conditions and requirements of program enrollment that may exceed the practice standard.

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INSTALLATION

Deliverables

- 1) Documentation of a pre-installation conference held between client and contractor
- 2) Verification that client has obtained required permits
- 3) Staking and layout according to plans and specifications including applicable layout notes.
 - a) Location of structure
 - b) Verify with the Field Office planner the location of the staked practice within the original scope of the practice and is still in compliance with the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA).
- 4) Installation inspection (according to inspection plan as appropriate)
 - a) Actual materials used (Part 512, Subchapter D Quality Assurance Activities, 512.33)
 - b) Inspection records
- 5) Documentation of design modifications during installation as required.
- 6) Facilitate and implement required design modifications with client and original designer
- 7) Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
- 8) Certification that the installation process and materials meets design and permit requirements.

CHECK OUT

Deliverables

- 1) As-Built documentation.
 - a) Extent of practice units applied
 - b) Drawings
 - c) Final quantities
- 2) Certification
 - a) TSP or Non-NRCS Engineer shall certify the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, North Dakota Amendment 505.3)
 - b) NRCS Employee with appropriate Job Approval Authority shall certify the work meets the plans and specifications.
- 3) Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Livestock Shelter Structure, 576
- NRCS National Engineering Manual (NEM)
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook