

STATEMENT OF WORK
Building Envelope Improvement (672)
Ohio

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

NRCS will not provide design assistance or construction certification for building envelope improvements installed under this standard. The landowner is responsible to work with vendors, suppliers, and contractors that have expertise and experience with the design and installation of the improvements to be installed. When the design or installation requires the services of an engineer or technical specialist, the landowner is responsible for obtaining these services.

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with planned and applied practices
Practice purpose(s) as identified in the conservation plan, and the planned work must be identified in audit that conforms to a Type 2, ANSI/ASABE S612 on-farm energy audit (or Agricultural Energy Management Plan, Headquarters: Conservation Activity Plan Practice Code 122)
 - a. List of required permits to be obtained by the client and regulations to be met (when required by local ordinance)
 - b. List of facilitating practices
 - c. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Insulation R-value,
 - ii. Building U-value
 - iii. Energy star rating of doors or windows
 - iv. Additional performance rating values for all installed components
 - v. Emission reductions requirements, if needed
2. Written plans and specifications including sketches and drawings shall be obtained by the client that adequately describes:
 - a. Material list, including quantity of practice units to be installed
 - b. Requirements to install the practice and obtain necessary permits.
3. Operation and maintenance plan
4. Written certification that the design meets practice standard criteria, conforms with energy audit recommendations, and complies with applicable laws and regulations
5. Design modifications during installation as required
6. Verification that building envelope improvements also provides sufficient air exchange and temperature management for the intended purpose of the building

INSTALLATION

Deliverables

1. Building system improvements may be performed by the landowner or contractor. However, when the work also includes electrical work; NRCS requires all electrical and control work to be performed by an electrical contractor licensed through the Ohio Construction Industry Licensing Board
2. Pre-installation conference with client, installer, and NRCS
3. Verification that client has obtained required permits
4. Installation 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. Written certification that the installation process and materials meets design and permit requirements

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CHECK OUT

Deliverables

The landowner is to furnish NRCS the following documentation when the work is completed:

1. Records of application
 - a. Extent of practice units applied
 - b. Actual materials used
 - c. Invoices for all material used
2. Written certification that the application meets NRCS standards and specifications and is in compliance with permits
3. Written certification from the installation contractor, and acknowledgement from the landowner, that the building envelope system improvements are operating as intended for the overall purpose of the building.
4. Written certification as described in item 3 (above) from engineer or technical specialist, as required

NRCS will review the checkout deliverables provided by the landowner and schedule a field visit to observe the completed installation

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard
Farmstead Energy Improvement – 374
Building Envelope Improvement - 672
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- Contractor license look-up: <https://elicense4-secure.com.ohio.gov/Default.aspx>