

NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION

883 – TIMBER FABRICATION

1. SCOPE

This work shall consist of furnishing and installing pressure treated plywood, structural timber poles, posts and lumber.

Prior to commencing construction, public utilities shall be notified in accordance with N.Y.S. Industrial Code 753.

2. MATERIALS

Wood

Lumber or timber shall conform to the requirements of NRCS Material Specification 584, unless otherwise specified on the drawings, and shall be of species and grade as shown on the drawings or as specified in Section 5. Maximum moisture content of lumber and timber shall be 15%. Each piece of timber and lumber shall be legibly stamped or branded with an official grade identification. Wood materials shall be sound and free from decay. Plywood shall be exterior quality.

Wood preservatives shall conform to the requirements of ASTM D-1760, "Standard Specification for Pressure Treatment of Timber Products". Pressure treatment shall be a minimum of 0.60 lbs./cu. ft. CCA for all timber in contact with the ground or manure. All other pressure treatment shall be a minimum of 0.40 lbs./cu. ft. CCA.

Hardware

Hardware shall be stainless steel or galvanized according to the requirements of ASTM A-213. Steel bolts shall conform to the requirements of ASTM A-307.

3. INSTALLATION

All installations shall meet the requirements of ANSI/AF&PA (American Forest and Paper Association) National Design Specification For Wood Construction.

The material shown shall be dimensioned and installed at the location shown on the drawings. All framing shall be true and exact. Timber and lumber shall be accurately cut and assembled to a close fit and shall have even bearing over the entire contact surfaces. No open or shimmed joints will be accepted.

Nails and spikes shall be driven to set the heads flush with the surface of the wood. Washers shall be used with all bolt heads and nuts. The fasteners shall conform to the requirements of the local building code.

4. MEASUREMENT AND PAYMENT

Method 1

For items of work for which specific lump sum prices are established in the contract, the quantity of timber fabrication will not be measured. Payment for the timber fabrication will be made at the contract lump sum price. Such payment will constitute full compensation for all labor, materials, equipment, tools, and other appurtenances necessary and incidental to the completion of the work.

Compensation for any item of work described in the contract but not listed in the bid schedule will be included in the payment for the item of work to which it is made subsidiary. Such items and the items to which they are made subsidiary are identified in Section 5.

5. ITEMS OF WORK AND ADDITIONAL CONDITIONS: