

Special Specification 5128

Bat House



1. DESCRIPTION

Furnish and install Bat Houses to provide for safe, non-toxic roost and nursery colony habitat for bats. This Item will govern the furnishing of all labor, equipment, and materials necessary to complete this work at the locations as shown on the plans, or as approved. Bat Houses will be installed in accordance with the Engineer's specifications and perform work in a manner to prevent impacts to bats to facilitate project construction and to comply with additional applicable federal, state, and local regulations.

2. MATERIALS

2.1. **Bat Houses.** Provide pre-fabricated, pre-assembled bat houses comprised of exterior grade plywood that is 4-ply minimum and non-pressure treated and non-pressure treated pine or cedar wood lumber, with non-toxic, water-based, and solvent free wood glue. Provide installation supports as shown on the plans.

2.2. **Paint and Primer.** Water based exterior grade.

3. CONSTRUCTION

3.1. **Contractor Responsibility.** Notify the Engineer before installation if there are existing bats or birds present or evidence of current habitation or nesting.

3.2. **Installation.** Hot-dip galvanize all steel components in accordance with Item 445, "Galvanizing." Repair galvanizing damaged during transport or construction according to specifications.

Pre-assemble Bat Houses using brads, non-toxic, water-based, and solvent free wood glue, or both. Ensure that component joints along the top and sides of the house are snug and do not permit air drafts into the house. Minor openings in the exterior joints may be sealed with water-based paint. Seal larger joint openings with water-based caulk before painting.

After assembly of the house, apply primer and light-colored paint (roughly matching the color of the adjacent concrete) to the exterior only of the house and any other wood members according to the paint manufacturer's guidelines. Do not prime or paint any interior surface or bat landing areas. Contact the Engineer for approval of color.

4. MEASUREMENT

This Item will be measured by each installation of an individual bat house, either small, medium, or large house.

5. PAYMENT

5.1 **Furnish and Install.** The work performed and materials furnished, in accordance with furnishing and installation of this Item and measured as provided under "Measurement," will be paid for at the unit price bid for "Bat House." This price is full compensation for furnishing, assembling, installing, and placing each bat house including equipment, labor, materials, tools, and incidentals.