

ITEM 10615.1248 M - PURPLE MARTIN BIRD HOUSE

DESCRIPTION

Under these items, the Contractor shall furnish and install Purple Martin Bird Houses in accordance with the plans and at the locations indicated on the plans or as designated by the Engineer.

MATERIALS

Unless otherwise approved, the following shall apply:

Lumber: All lumber shall be in accordance with Subsection 712-13. The lumber shall be as indicated in the detail. The Plywood shall be as specified on the plans. Latex based paint shall only be used to paint the house.

Hardware: Nails shall be standard quality galvanized box nails.

Sheet Metal: Sheet metal for predator guards shall be ASTM A606 and shall be hot-dip galvanized per Subsection 719-01 Type IV. Type 304 or 316 stainless steel sheet for bracket mounting plate shall conform to ASTM A276.

CONSTRUCTION DETAILS

Construction of Purple Martin Bird House shall be as detailed in the contract plans. These Purple Martin Bird Houses shall be painted white with blue roofs. A bead of silicon caulking along each exterior joint to prevent heat loss shall be applied.

The treated wood posts shall be driven into the ground at the locations indicated or where directed by the Engineer, to a depth a height as specified on the plans. The post top shall be cut off at a height as specified on the plans above the ground. If the Purple Martin Bird House is to be mounted to a tree the post mount bracket shall be attached to the tree with the same mounting hardware.

After a post is driven, the Purple Martin Bird House, complete with bracket mounting plate, shall be securely fastened to the top of the post at the indicated height and as detailed in the plans. The Purple Martin Bird House shall face South or Southeast so that it catches the morning sun and is in the shade during midday. At locations near water, the Purple Martin Bird House shall be oriented to face South, or 90° to the prevailing winds. Sheet metal predator guards shall be fastened to the posts as detailed in the plans. The Contractor shall exercise care to cause minimal disturbance to any pond or stream bed during the driving of posts and attachment of the Purple Martin Bird Houses.

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The completed Purple Martin Bird House must meet the approval of both the Engineer and the Regional Environmental Contact Person and/or Regional Landscape Architect. The Contractor shall make whatever modifications are required to meet this approval at no additional cost to the State.

METHOD OF MEASUREMENT

This item will be measured as the number of Purple Martin Bird Houses installed and accepted.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, equipment and material necessary to complete the work. Payment will be made upon acceptance of the completed Purple Martin Bird Houses.