

PRESSURE TREATED BOARD FENCE

****From Morristown STP F 029-1(2)**

- XX. DESCRIPTION. This work shall consist of furnishing and installing pressure treated board fence at the locations indicated in the Plans and as directed by the Engineer.

The work under this Section shall be performed in accordance with these provisions, the Plans, and Section 620 of the Standard Specifications.

- XX. MATERIALS.

- (a) Timber. Fence boards, top and bottom rails, and back rail shall be "Quality Fencing" grade, pressure treated pine, finished all four sides to meet American Wood Protection Association (AWPA) guidelines.

All fence boards shall be "deck quality" and a minimum of 1.8 m (6.0 feet) in length, 100 mm (4 inches) in width, and 32 mm (5/4 inches) thick.

Back rails shall be a minimum of 2.5 m (8.0 feet) in length, 100 mm (4 inches) in width, and 50 mm (2 inches) thick.

Posts and rails shall be pressure treated to meet AWPA guidelines. All line post shall be a minimum of 3.0 m (10.0 feet) in length and at a minimum 150 x 150 mm (6 x 6 inches).

All fence boards, back rails, and fence shall be stained with clear water proof stain per manufacturer's recommendation.

- (b) Fasteners. Fasteners shall be outdoor wood screws, stainless steel screws, or Deck "Plus" screws.

- XX. CONSTRUCTION REQUIREMENTS. Wood posts shall be set in previously dug holes and backfilled as detailed in the Plans.

Posts shall be spaced 2.5 m (8.0 feet) on center and be firmly anchored in the soil to a depth not less than 1.2 m (4 feet).

When the ground is too soft to firmly hold the line, end, or corner post, a post of sufficient length shall be used to obtain stability as directed by the Engineer.

When tops of treated posts are cut as directed by the Engineer, the cut end shall be treated with two coats of copper naphthenate solution meeting the requirements of Subsection 726.04. When boulders are encountered, they shall be removed, the holes backfilled with suitable material and thoroughly compacted, and the holes re-dug before installing the posts in the usual manner. The fence shall be braced as shown on the Plans or as directed by the Engineer.

Fence boards shall be placed between posts with no spaces between boards utilizing tongue and groove joints. Back rail shall be placed level and shall be spaced evenly with the bottom rail located 450 mm (18 inches) above the bottom of the fence boards and shall be on the back side of the fence (property side).

Fence boards shall be racked as needed to follow the slope of the ground.

XX. METHOD OF MEASUREMENT. The quantity of Special Provision (Pressure Treated Board Fence) of the size specified to be measured for payment will be the number of meters (linear feet) installed in the complete and accepted work. Measurement will be along the top of the fence from outside to outside of end posts for each continuous run of fence.

XX. BASIS OF PAYMENT. The accepted quantity of Special Provision (Pressure Treated Board Fence) of the size specified will be paid for at the Contract unit price per meter (linear foot). Payment will be full compensation for furnishing, transporting, handling, assembling, and placing the materials specified and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

The costs of clearing and grubbing, excavation, backfilling, concrete bases, brace plates, anchor plates, electrical grounding, drilling of rock, grouting of holes, extra length posts, and countersunk posts will not be paid for directly but will be considered incidental to Special Provision (Pressure Treated Board Fence).

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
900.640 Special Provision (Pressure Treated Board Fence, X M (X Inches))	Meter (Linear Foot)