Construction Specification
050WB Fence - Wooden Board

1. Scope

The work shall consist of furnishing and installing wooden board fences and related essential components.

2. Materials

Unless otherwise shown on the drawings wooden board fence shall have a minimum of 3 boards.

A. Rails

The rails (horizontal boards) shall be a minimum size of 1”x6” (nominal) and a minimum of 8 feet in length. Wooden boards (horizontal rails) and posts shall be well seasoned or kiln-dried to minimize warping. Use untreated durable wood of such species as red cedar, black locust or a non-durable wood that is pressure treated. Pressure treated lumber shall be treated with a minimum of 0.40 lbs./cubic foot chromated copper arsenate (CCA), type A, B, or C; or equivalent non-CCA treatment. Boards and posts may be painted if desired.

B. Posts

Untreated posts will be black locust. Pressure treated pine or other wood of equal life and strength are acceptable.

3. Post Spacing

Posts shall be spaced a maximum of 8 feet on center to accommodate rail lengths of a maximum of 16 feet.

Line Posts. Line post will have a minimum top diameter of 6 inches and be of sufficient length to support the height of the fence and be firmly set or driven in the ground a minimum of 36 inches.

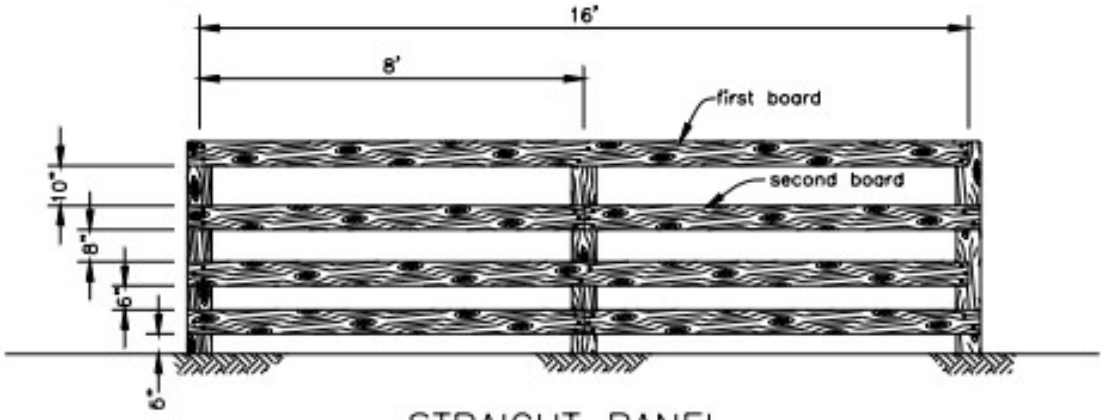
Gate, End and Brace Post. Gate, end, and brace posts will have a minimum top diameter of 6 inches and be sufficient length to support the height of the fence and be firmly set in the ground 46 inches.

4. Rail Spacing

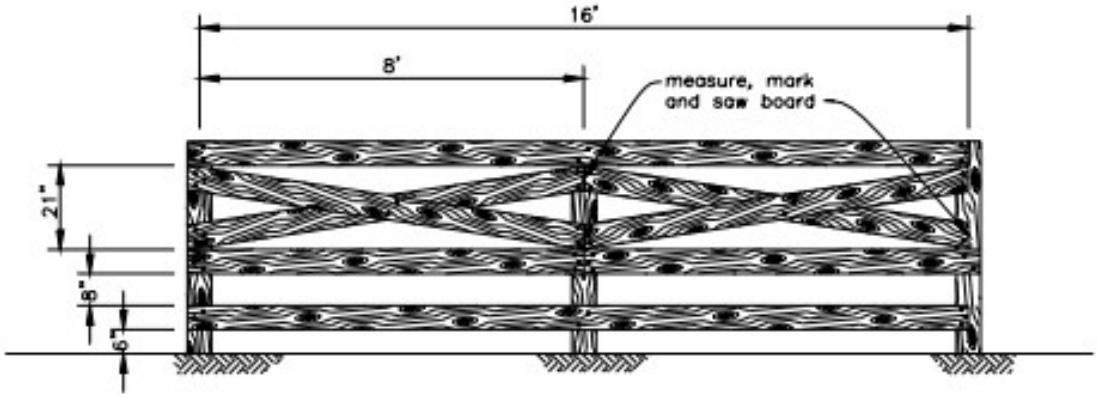
The maximum board spacing shall be 16 inches center to center. The top edge of the upper most board shall be at least 48 inches above the ground line. The top edge of the lowest board shall be no greater than 16 inches above the ground line.

Each board shall be attached to each post with a minimum of two ring-shank or screw shank type 16d galvanized or cadmium coated nails.

VERMONT STANDARD DRAWING	LIVESTOCK FACILITY BOARD FENCE	STANDARD DRAWING NO. VT–FNC–07 APPROVED BY: R. ALLEN DRAWN BY: R. THOMPSON ISSUE DATE: 11–02



STRAIGHT PANEL



DIAMOND PANEL

1. Place 16 ft. board (6" width) at top of first two spans for rough measurement and mark for sawing.
2. Saw ends of board. Apply wood preservative generously to freshly cut surfaces if using treated lumber.
3. Nail board to all three posts with at least two nails in each post (3 nails are better).
4. Measure second board from first post to center of second post. Space and nail board.
5. Measure, saw (apply preservative) and nail remaining boards in same manner.
6. For diamond panel: Place 4" board in position on fence and mark for sawing. Saw as marked. Nail boards in position.
7. For corrals or barn lots, 8 inch wide x 2 inch thick boards are required.

Drawing not to scale. Standardized drawing must be adapted to the specific site.

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Specific Site Requirements

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