

6' TALL PICKET FENCE

DIFFICULTY: **COMPLEX**

 10 VOLUNTEERS

 8 HOURS

MATERIALS

PREP

(2) 4x4x8ft boards

(1) 2x4x10ft board

(12) 1x6x6ft boards

BUILD

(2) 4x4x90" pieces

(2) 2x4x60" pieces

(12) 1x6x6ft pickets

1lb 2" deck screws

(2) 80lb bags of concrete

TOOLS

PREP

Miter saw

Pencil

Tape measure

Carpenter's square

Safety glasses

BUILD

Post-hole digger

Drill

Screwdriver bit

Level

Pencil

Safety glasses

Tape measure

PREP LIST

1. Sort all materials into piles by like items to ensure you have materials needed to complete project.
2. Take both of the 4x4x8ft boards. Cut each down to 90", for a total of (2) 4x4x90" pieces.
3. Take the 2x4x10ft board. Cut into (2) 60" pieces.
4. Take the (12) 1x6x6ft boards. Cut angles on one end of each to create pickets at the angle you desire.

BUILD LIST

1. Sort all materials into piles by like items to ensure you have materials needed to complete project.
2. Dig 2 holes 6" diameter and 18" deep. Make holes 5' apart, center to center.
3. Set a 4x4x90" post in each hole and set with concrete. Ensure that the posts are 5' apart center to center, and are level and aligned with each other.
4. Once the concrete has begun to set, attach the 2x4x60" pieces to the 4x4 posts. The bottom 2x4 should be 18" from the ground. The top 2x4 should be 18" down from the top of the 4x4. The edge of the 2x4 should hit the center of the 4x4 posts.
5. Attach the 1x6x72" boards to the 2x4s so they are touching, with outer 1x6x72" boards hitting the center of the 4x4 posts. You will have 2 leftover pickets with which you can continue for a longer fence, if desired.
6. Repeat all steps as desired for a longer fence.