

## FIRE PIT

EYES FOR THE JOB- EPISODE 205.1

'FIRE PIT BIG HIT'



### MATERIALS NEEDED

2 sheets of 4'x8' ½" standard plywood for concrete moulds

Concrete mix to make stones

About twenty 12" fire bricks for inside of fire pit

About 100 kg's of 1" stone for bottom of fire pit

Landscaping fabric for bottom of fire pit

Crusher dust to keep stones even

Chicken wire for concrete moulds

1 ¼" screws for mould assembly

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### STEP BY STEP BUILD PLAN

1. Prep ground
  - a. Draw out a 3-foot diameter circle on the grass
    - i. Use a dowel stake in centre of diameter, tie a 1.5-inch string to the dowel, hold the string horizontally close to the ground, while holding a spray paint can at the end of the string and walk in a circle to create a 3 foot diameter.
  - b. Remove all sod within the 3-foot diameter
  - c. Mark outer circle depth of decorative stones
    - i. Dig the outer circle to a depth of 4 inches and to a width of 8 inches to accommodate crusher dust and decorative stones for finishing
  - d. Dig a hole sloped on a 22.5-degree angle to accommodate vertical bricks for the inner fire pit to a depth of 14 inches to accommodate 12-inch bricks
2. Lay landscape fabric over prepped ground
3. Pour 2 inches of crusher dust over fabric at the bottom of the pit
  - a. Level and tamp crusher dust at the bottom of the pit
4. Lay brick along the inside sloped surface of the hole to create the walls of the pit. Make sure the brick extends 2 inches past the bottom portion of the outer circle to hold the crusher dust.
5. Pour 2 inches of 1 inch rough stone in the bottom of the hole to hold the bricks against the sloped sides of the pit.
6. Spread 2 inches of crusher dust at the bottom of the decorative stone ring meeting and covering most of the top edge of the brick.
7. Make plywood moulds

- a. Start with a piece of 4x4x3/4 standard plywood
  - b. Draw 3-foot diameter circle using a nail, string, and pencil on the plywood to determine the outside edge of the decorative stone mould
  - c. Use the same method to draw a 20-inch diameter circle inside the larger circle
  - d. Use a jigsaw to cut out the donut shaped piece of wood
  - e. Divide and mark the donut into equal sized portions with a measuring tape to create the outside base of the decorative mould. You should have 11 sections at 10 ¼ inches each.
  - f. The inside base of the decorative mould will taper to 5 ¾ inches
  - g. Cut plywood to the same size as the decorative mould
  - h. Use the remainder of the plywood to create the inner and outer mould sides by ripping ¼ inch plywood at 2.5-inch strips (kerf cutting).
  - i. Cut 11 pieces at 8x2 plywood mould sides to the outer ring and middle ring
8. Mix concrete and pour the stones
- a. Cut the wire mesh ½ inch smaller than the inside dimension of the moulds
  - b. Pour 1 inch of concrete into all of the moulds
  - c. Lay the wire mesh on top of one inch poured concrete in the 12 moulds for strength
  - d. Pour the rest of the concrete so that its flush with the top of the mould
  - e. Let concrete set up to one day
  - f. Break the mould to release the stones
  - g. Place stones on top of the crusher dust around the fire pit
  - h. Level stones with remaining crusher dust