

Circular paver patio • Old Dominion

Mutual Materials kits: 7, 9¾ and 12 ft circles (diameter). Center out.

Green Maestro

DRAFT v0.2 • pending
installer review

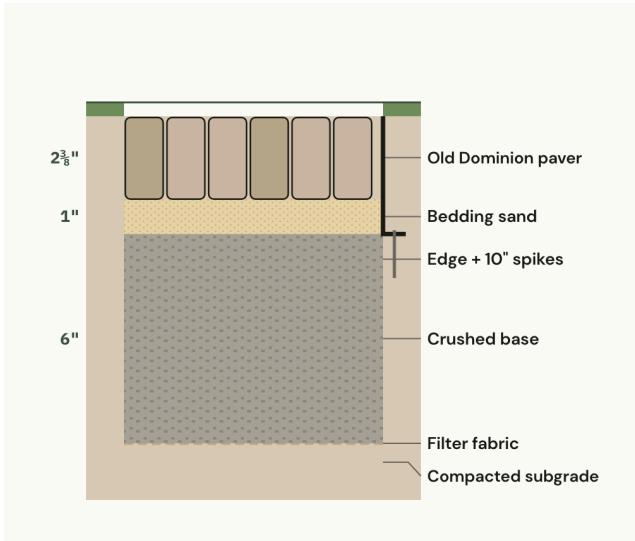
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3 RULES

1 Exact center

2 ⅛" joint

3 6" compacted base



KEY NUMBERS

7' circle • radius **41¾"** • with edge (+4"): 45¾" • 1 pallet

9¾' circle • radius **58 7/16"** • with edge (+4"): 62 7/16" • 2 pallets

12' circle • 2 circle kits + 1 expansion kit • Mutual publishes no radius

⅛" joint, built into the published radius

6" compacted base • Mutual Materials: 4" min.

Tighter joints or an off-center start: the last ring won't close. Fixing it means pulling rings: days unpaid and a lost referral. Mutual Materials calls for a 4" minimum base; we build 6" because clay and wet soil need more base, and the homeowner is promised 6" in writing.

STOP • CHECK

If one fails, don't go on.

- Radius differs at one point: don't start the next ring.
- Edge not complete: don't compact.
- No tape photo of the base: no sand yet.
- Fall toward the house: fix it before going on.

STEPS

1 Layout

- 7' circle: radius 41¾"
- 9¾' circle: radius 58 7/16"
- +4" for edge • fall ⅛–¼" per ft, away from house

✓ **Check:** Same radius at several points.

2 Dig and base

- Dig 9½" • filter fabric
- ¾" minus base in 1–2" lifts (Mutual) up to 6"
- Rental plate: thin lifts • low spots get base, not sand

✓ **Check:** Tape photo: base 3¾" below finished.

3 Sand bed

- 1" of washed concrete sand
- 1" pipes • 8' 2x4 board
- From the center; don't compact or walk on it

✓ **Check:** Sand 2¾" below finished.

4 Laying, ring by ring

- Center in 2, water-fed saw
- Printed order • ⅛" joint, not 1/16"
- Mix pallets • seat with rubber mallet

✓ **Check:** Same radius all around, or stop.

5 12 ft only

- 2 circle kits + 1 expansion kit
- Bands of squares and rectangles, mixed
- Closing cuts with a water-fed saw

✓ **Check:** Even joints; cut to close.

6 Edge and compaction

- 10" spikes • Mutual: every 8–12"; tighter if the edge maker's sheet says so
- Whole edge before compacting
- Pad on the plate; sand per its sheet

✓ **Check:** No piece rocks, joints full.

THE 3 COSTLIEST MISTAKES

✗ 1/16" or butt joints

✓ ⅛" joint: the ring closes

✗ Base at 3" (the slab number on Mutual's sheet)

✓ Base 3¾" below finished

✗ Compacting before the edge

✓ Whole edge, then the plate

Local rules: Local rules change. Some counties count pavers as hard surface and limit it, call for drainage, or regulate where the water goes. Check your county's rule. Your job sheet shows the local rule.

SAFETY BEST PRACTICES

Educational content from the Manos de Oro program. Each Maestro is an independent contractor and manages the risks of their own work.

- Best practice: call 811 before you dig; it's free. 811 doesn't mark private lines (irrigation, lighting, BBQ gas): ask the homeowner.
- Cut with a water-fed saw: the water traps the silica dust. Respirator (APF 10) if you cut dry or for more than 4 h per shift.