

Pedestal Paver Planning Sheet

Calculate heights, check drainage, and order exact materials.

Build a gorgeous contemporary modern patio right over your old concrete. Use this sheet to map your grid, check your fall, and order the right materials.

● Key Patio Dimensions

2 cm (24x48 in)

Outdoor-rated porcelain pavers

1/4 in

Min fall per foot for drainage

4 mm

Uniform joint spacing from tabs

5+ cm (varies by slope)

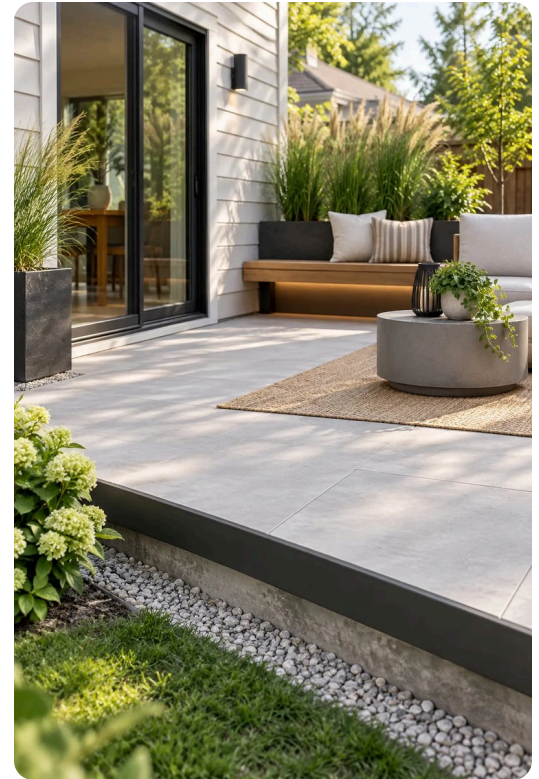
Height above the old slab

1/2 in

Gap below black alu fascia

4 ft

Level size to check drainage slope



Grid starts at door

Align the first full, uncut paver edge-to-edge with the sliding door threshold. Continuing joint lines straight out makes both indoor and outdoor spaces appear significantly larger.

● Setting the System

- 1 Assess the old slab** Tap with a hammer to patch hollow spots and verify water has a clear exit path.
- 2 Map the layout** Sketch your grid on paper first to avoid leaving tiny, narrow slivers at the visible perimeter.
- 3 Pavers on pedestals** Position bases to support corners and center of each slab, twisting heads to level the plane.
- 4 Add bench lighting** Tuck a waterproof LED under bench lip overhangs to cast a soft downward glow at night.
- 5 Wire the transformer** Mount near a GFCI outlet; check manufacturer packaging for safe electrical placement and low-voltage ratings.

● Old-Slab & Clearance Checklist

- ☐ Check existing concrete for major structural cracks and hollow spots.
- ☐ Lay a 4-foot level to confirm slope drops away from house.
- ☐ Measure door threshold clearance to ensure new pavers fit underneath.
- ☐ Locate highest point and measure total drop with a string line.
- ☐ Verify drainage fall directs water freely into your lawn or drains.

● Material Quantity Chart

Square Feet	24x48 Porcelain Pavers	Adjustable Pedestals	Leveling Shims
100	13 slabs	25 bases	15 shims
200	25 slabs	50 bases	30 shims
300	38 slabs	75 bases	45 shims

Quantities are estimates; add extra for partial perimeter cuts.

● Adjustments & Edge Finishes

Find your row: Your slab's condition

Your slab's condition	Your pick	Why
Slight dips in concrete	Add leveling shims	Main threads cannot catch micro-adjustments
Exposed outer perimeter edges	Attach black alu fascia	Hides pedestal cavity and old slab
Heavy rain runoff area	Add river rock trench	Provides an attractive, effective transition

● Height-Measuring Grid Notes

Enjoy your seamless, modern outdoor retreat—right in your own backyard!