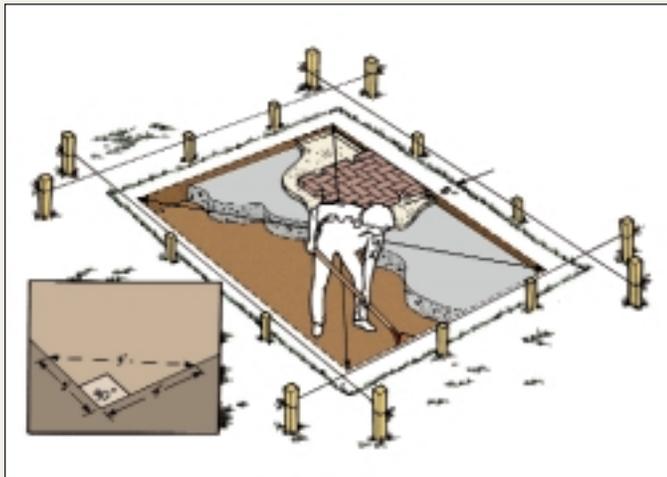


# Paving Stone Installation Guidelines

**Tools Needed:**

Stakes, String or Twine, Chalk, Flat Shovel, Wheelbarrow, Stiff Bristle Broom, Hard Tooth Garden Rake, 6-8 ft. wood 2x4 (with straight edges), Safety Glasses, 25 Ft. Measuring Tape, (2)-1" Dia. - 6'-8' long PVC Pipes, Trowel, 3-5 HP Vibratory Plate Compactor, Diamond Blade Wet Saw or Paver Splitter or Wide Blade Mason Chisel and Hammer.



**Materials Needed:**

Anchor Paving Stones, Mason Sand, Quarry Process Gravel Blend, PVC Edge Restraints and 12" Spikes.

**STEP 1: PLANNING**

- A) Read all instructions herein prior to starting project.
- B) Stake and string the area of your project. Determine the square footage.
- C) Next calculate the linear footage of the outside dimensions for PVC Edge Restraints.
- D) Bring a sketch drawing with all pertinent dimensions to your local Anchor Dealer.

**STEP 2: SITE PREPARATION**

- A) Contact local Utility Companies to locate underground gas, water or electric lines. Be careful of sprinkler lines, as well.
- B) Determine proper excavation depth from chart:

Recommended Excavation Depths From Top Of Finished Project		
Soils	Sidewalks/Patios	Driveways
Sandy	7" - 8"	11" - 12"
Clay	11" - 12"	15" - 16"

- C) Prior to digging, move your string lines outward an additional 6" where PVC edging will be used.
- D) Remove and relocate soil with shovel and wheelbarrow to depths chosen within the string lines.

**STEP 3: STONE BASE INSTALLATION**

- A) Run the vibratory plate compactor over the base soil to make level as possible. Shovel out any high areas.
- B) Stake new string lines across the project at the proposed HEIGHT of the finished project. Slope and grade are important for drainage. Always slope your project away from house foundations. Slope your string lines in the desired direction at the rate of 1" for every 3-4 feet.
- C) Install Stone Quarry Process material in 2"- 3" layers. If material is dusty, wet down with a garden hose. Compact with the plate compactor same as the base soil. Install the compacted stone base level to within 3 inches from the new string lines representing the finished height of the project. Compact tight. The finished stone base will reflect the final grade of the project.
- D) Remove interior string lines.





#### STEP 4: PVC EDGE RESTRAINT INSTALLATION

Install Edge Restraint. Align the PVC Edge Restraint to the proposed finished edges of the project (6" in from the outside string lines). Stake PVC Edge Restraint in place with stakes on outside of finished edge.

#### STEP 5: SAND INSTALLATION

*Note: Keep sand dry and only screed areas which will receive paving stones the same day.*

- A) Lay two 1" diameter PVC pipes on top of the stone base. Lay rails approximately 4' to 6' apart depending on the length of the wood (2x4) screed rail.
- B) Spread sand evenly between, over and around PVC pipes. Drag wood screed rail over the PVC pipes creating a smooth layer of sand. Remove PVC pipes. Fill and smooth voids with the trowel.

#### STEP 6: LAYING ANCHOR PAVING STONES

- A) Start laying paving stones in the desired pattern. Lightly lay paving stones in all directions.
- B) To assist with installation, PVC Edge Restraint spikes may be removed, PVC Edge Restraint adjusted to the final edge of the paving stones, and spikes reinstalled. Edge Restraints must sit tight against installed paving stones.

#### STEP 7: CUTTING ANCHOR PAVING STONES

*Note: Try to pick a desirable pattern which will not require paving stone cuts. Should cuts be required, avoid planning stone pieces installed less than 2" in size.*

Mark Anchor Paving Stones with chalk for the desired cuts and proceed cutting paving stones.

#### STEP 8: TAMPING OF ANCHOR PAVING STONES

- A) Spread a thin layer of sand, approximately 1/4"- 1/2" over the top surface of the paving stones.
- B) In a circular motion around the project's perimeter, guide the compactor towards the center of the project being sure to overlap passes 2"- 4". Make at least 2 complete rounds with the compactor.

#### STEP 9: FILL THE JOINTS WITH SAND

Spread sand over the top surface and sweep sand into the Anchor Paving Stone joints until all joints are filled.

#### STEP 10: BACKFILL EDGE RESTRAINTS

Backfill edge restraints with sod or soil and seed to desired elevation, keeping the soil level below the top surface of the Anchor Paving Stones.

