

Walkway & Patio Construction

Whole Earth Landscape & Design meets or exceeds acceptable practices for walkway and patio construction.

Listed below is the process we use:

- **Excavation of Base:** Excavate 9 -12" deep below finish grade of new paved surface. Soil will either be removed or stock piled for reuse. For a brick patio or walkway, excavation should extend 6"-9" beyond the edge of the proposed paving area to accommodate steel PVC edging and so brick won't "creep." The subsoil will then be compacted.
- **Conduits:** Install blank 1&1/2" scheduled 40 PVC conduits for irrigation and electric lines which need to cross the walk. These pipes should extend 1 foot beyond the compacted base and should be taped closed and marked by stakes at the ends.
- **Construction of the base:** Add crusher run base material in 2" lifts, wetting the material enough so not to make it soggy and compacting in layers. Minimum depth of compacted base should be 6".
- **Edging:** Install according to plan either PVC/Steel/Cobble 1/8" by 4" edging along edge of proposed area. Any curves should arc smoothly and consistently and should never reverse or straighten in order to correct the edge line of the paved surface. Edging should be at least 1" below the paved surface.
- **Setting Material:** Lay out 1" - 1 1/2" of sand or stone dust as setting material for paving material and screened out to create smooth surface allowing sufficient room for paving material to achieve desired finished elevation.
- **Paver Installation:** Install brick or Bluestone and edging pattern according to plan.
- **Surface elevation and drainage:** The walkway will be installed such that water will drain off the walkway (min 1% pitch). Paving material will be above the level of the surrounding beds and lawn where possible.
- **Seams and joints:** All seams will be no more than 1/8". Brick will be abutting assuming they are regular in size and shape. When filling joints use water and a narrow tool (brick set) to compact the seams after each attempt to fill the joints. Return to re-grout the seams in 3 months.
- **Back filling:** Before completing the back filling remove any excess compacted base along the edges which will impede the growth of lawn and plants. Firm up the back fill as you go to prevent settling.