

COLUMN INSTALLATION

1. Prepare base and leveling pad per design details.
2. Bury columns per design details. Minimum bury depth shall be 2 inches.
3. Place the bottom column block, then install concrete fence rails or split wood fence rails.
4. Install pocket plugs above or below fence rails as needed.
5. Install subsequent courses of column blocks. Use a concrete adhesive or mortar cement to fasten column blocks together.
6. Install a column cap on the top course using concrete adhesive or mortar cement.
7. Building a 4' Main Gate with Column Blocks:
 - A. Place Column Blocks a total of 56" apart to accommodate a 4' gate & hinges.
 - B. Insert gate hinge and latch section into Column Blocks.
 - C. Mount gate on gate hinges. Shim blocks to level gate. Gate should be about 2 1/4" above sidewalk.
 - D. Place the Column Cap on the gate hinge Column structure and adjust cap until all sides are equidistant.
 - E. Adjust the gate hinge and the latch section until both sections are 1 3/4" from the edge of the cap to the edge of the gate.
 - F. Slide both caps over until the 4" conduit is easily accessible.
 - G. Drive one 3'6" piece of 1/2" rebar through the bolt holes in the gate hinge and latch section, one piece of rebar in each column;



drive rebar into ground until flush with the top of the Column blocks. (This will help lock the gate hinges into the column Block once it is grouted).

- H. Shim the latch section side of the gate.
- I. Mix one bag of quickcrete concrete in a wheelbarrow.
- J. Fill each 4" conduit with concrete.
- K. Slide each Column Cap onto the Column and adjust until all sides are equidistant.
- L. Let the concrete completely cure before removing shims.

8. Building a 19' Driveway Gate with Column Blocks:

- A. Many designs for entrances are available. Place Column Blocks a total of 19'8 1/2" apart to accommodate a double drive gate and hinges
- B. Follow the same procedure outlined in the 4' Man Gate installation described above.

