**Electrical Service Riser**

Local code will dictate the height and location of the meter main panel or box. Figure 19 provides the typical electrical service riser block arrangement. Corner block are alternatively stacked with standard 8x8x16 CMU and left void of foam. A double chase is formed to accommodate electrical wiring running from above the top plate down the wall to the exterior opening created by removing the face and center web of a block. The local building code should be consulted to verify proper height location.

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**Ufer Wire**

The electrician installs the Ufer wire per local building code. The Ufer will run within the block to the electrical main. The electrical main is usually about 40” from finished floor requiring approximately 6 feet of wire.

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**Low Voltage**

Cable television, telephone, and landscape wiring can all be run from below grade, through stem, and up through the block to an access panel utilizing 3/4” PVC (see Figure 18). 3/4” 90° PVC sweeps are recommended. The cable and telephone main boxes are then located within the wall and all ‘home-runs’ are dropped or ‘fished’ down from the top of the block wall.

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**Figure 18:**

[Diagram showing Ufer wire and low voltage installation]

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**Figure 19:**

[Diagram showing electrical service riser block arrangement]