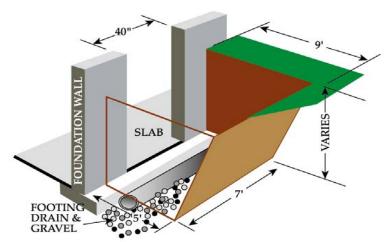


PermEntry® Basement Entrance Job Site Requirements

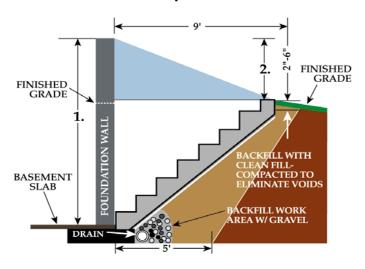
The PermEntry Basement Entrance is an engineered system that requires proper foundation preparation, drainage, backfilling, and grading to ensure a satisfactory installation. The following steps are necessary for optimum performance:

Pre-installation Requirements



- 1. Provide truck access to within 10' of the center of the PermEntry unit.
- 2. Foundation footing and opening should be LEVEL, PLUMB, and SQUARE.
- 3. Width of opening in foundation wall should be 40" maximum for all sizes.
- 4. Ensure proper soil drainage at base of unit. A footing drain to daylight is recommended.
- 5. When foundation is backfilled, leave minimum work area for PermEntry installation as shown.
- 6. Basement floor or equivalent slab should be poured in the concrete wall.
- 7. Hold foundation tar coating back a minimum of 12" on each side of opening.

Post-installation Requirements



- 1. Properly backfill and compact excavation area with clean, suitable fill and/or stone. NEVER USE CONSTRUCTION DEBRIS and NEVER backfill higher than 2" below the top of the concrete casting.
- 2. Final grade should be adjusted to leave 2" to 6" of casting above finished grade, immediately slope grade away from the PermEntry unit in all directions.
- 3. Avoid locating down spouts or sump discharge near the PermEntry unit.
- 4. An insulated vertical door is recommended at the bottom of the stairs to reduce heat loss in the home.
- 5. A finish coat of alkyd metal enamel in a light color must be applied to all metal surfaces inside and out. DO NOT USE AN OIL BASE WOOD PAINT.