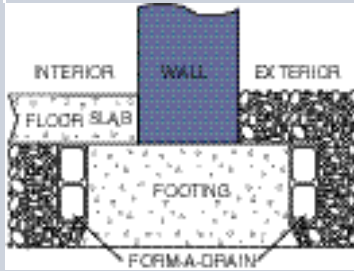


# Alternative Form Methods

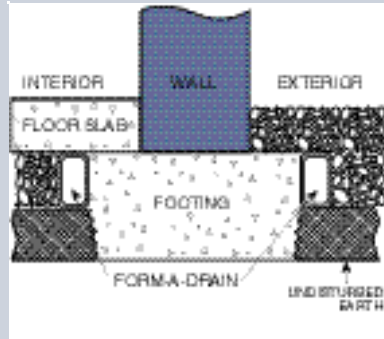
FAD can be used in different ways to accommodate various footing depths. Proceed in the same manner as current practice or code in you area dictates as with wood or metal forms. Each of the following are suggestions for installation. For maximum drainage capability, FAD should be installed on both sides of the footing.

## Two-Sided Forming/Draining Installation Options



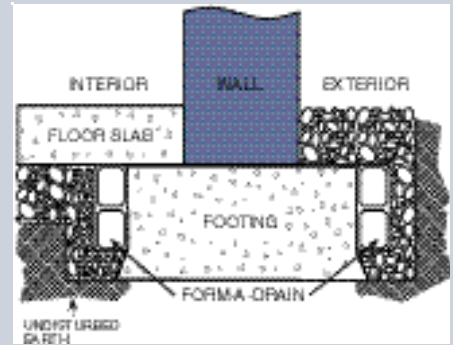
### Raised/Elevated FAD: Low Slump Concrete

Depending on the footing depth required, raise the top of the lineal to meet the top elevation of the footing, i.e. if 8" lineals are being used to form a 10" footing, there would have to be 2" of 'daylight' below the bottom of the lineal and the higher point of the excavated ground. Likewise, 6" lineals may be used to form 8" footings, or 4" lineals may be used to form 6" or 8" footings.



### Combination FAD with Earth or Trench Forming

This method involves both lineals plus the ground to form the required footing depth. For example, 4" lineals may be used to form an 8" footing with 4" overdig or trench excavated below the bottom of the lineal: there would be a total of 8" of concrete; 4" formed by the lineal plus 4" formed by the earth. Likewise, forming 6" + digging 4" = 10" total, forming 6" + digging 6" = 12" total, forming 8" + digging 4" = 12" total, and forming 8" + digging 6" = 14" total.



### Perimeter Excavation Only: Higher Slump Concrete

Some contractors prefer this method to save on excavation and gravel cost. In this method, a wide (typically 3' to 4') area around the perimeter of the floor plan is dug 4" to 6" deeper than the center. Undisturbed earth remains in the center of the excavation. The lineals are then installed such that 4" of the footing height is above the undisturbed earth, and 2" to 4" is below. The trench is then filled with gravel, and a 4" layer of gravel is spread over the undisturbed earth to serve as the sub-base for the basement slab.

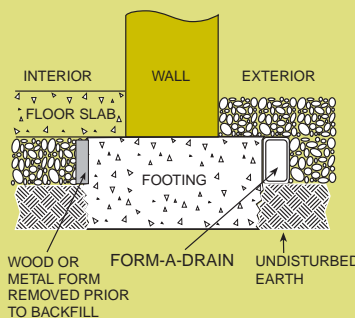
## One-Sided Forming/Draining Installation

Above are suggestions to consider in one-sided drainage applications. Drawings depict inside and outside one-sided drainage. When addressing one-sided drainage, FAD may be used on either the outside or the inside.



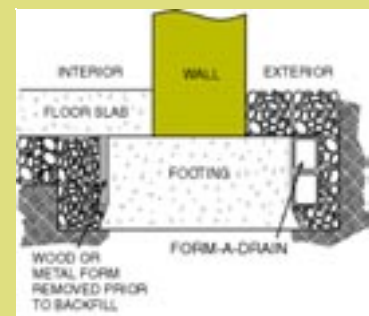
### Raised/Elevated FAD: Low-Slump Concrete

May be formed several inches above the base of excavation to provide a footing deeper than lineal height.



### Combination FAD with Earth or Trench Forming

Formed directly on the base of the excavation, then trenched out to provide the necessary footing depth.



### Perimeter Excavation Only: Higher-Slump Concrete

Formed directly on the base of the excavation, then trenched out to provide necessary footing depth.