

FOUNDATION DRAIN SYSTEM

Waterproofing -- Sec. R-305. Drains shall be provided around Foundations enclosing habitable or usable spaces located below grade and which are subjected to ground water conditions. Drains shall be installed at or below the area to be protected and shall discharge by gravity or by mechanical means into an approved drainage system.

The top joints and perforations of drain tiles shall be protected with strips of building paper and the tiles shall be placed on 2 inches of crushed rock and covered with not less than 6 inches of the same material.

Dampproofing -- Sec. R-306. Exterior foundation walls of masonry construction enclosing basements shall be dampproofed by applying not less than 3/8 inch of portland cement parging to the wall from footing to finish grade. The parging shall be covered with a coat of approved bituminous material applied at the recommended rate. Exterior foundation walls of concrete construction enclosing basements shall be dampproofed by applying a coat of approved bituminous material to the wall from the footing to the finish grade at the recommended rate.

Foundation walls of habitable rooms located below grade shall be waterproofed with membranes extending from the edge of the footing to the finish grade line. The membrane shall consist of either two ply hot-mopped felts, six mil polyvinyl chloride, 55-pound roll roofing or equivalent material. The laps in the waterproofing membrane shall be sealed and firmly affixed to the wall.

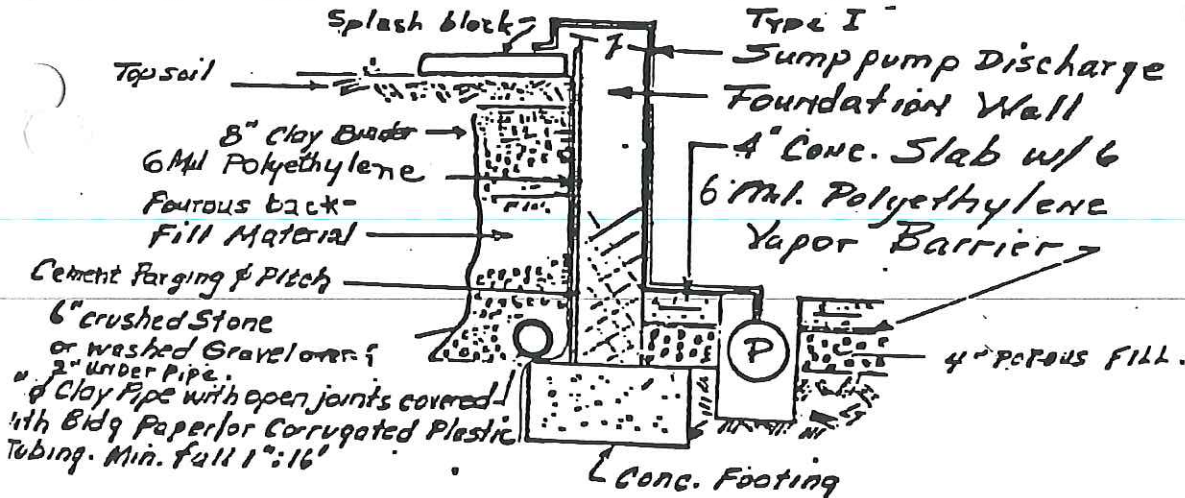
Basement walls may be dampproofed or waterproofed using materials or methods of construction other than covered in this Section where approved by the Building Official.

SAMPLE

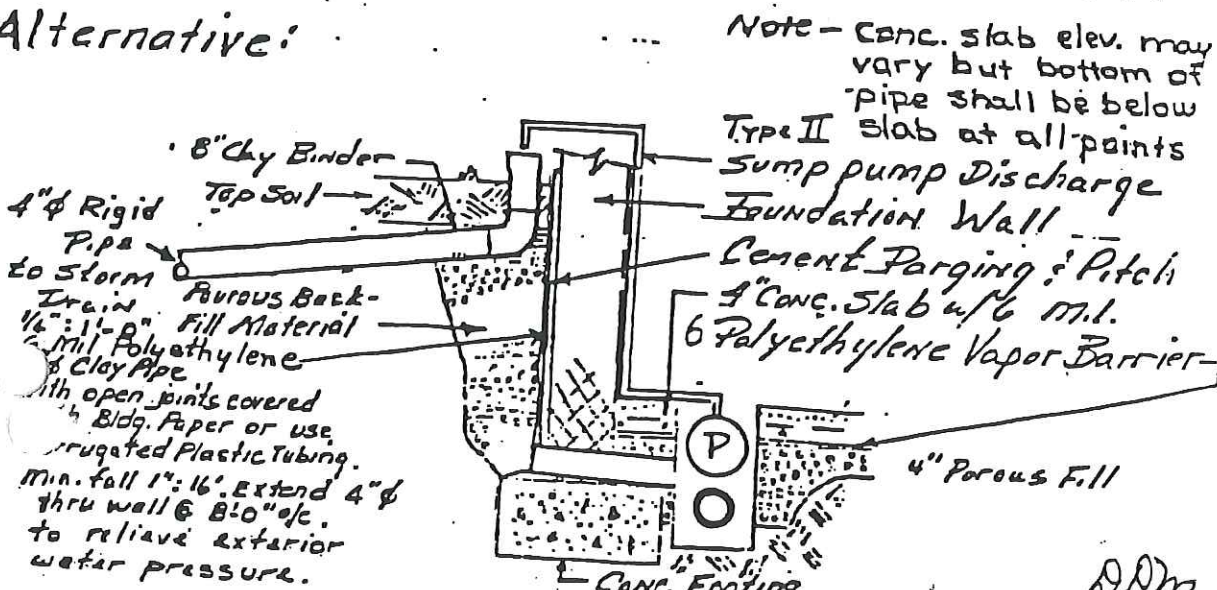
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Preferred:



Alternative:



ADm