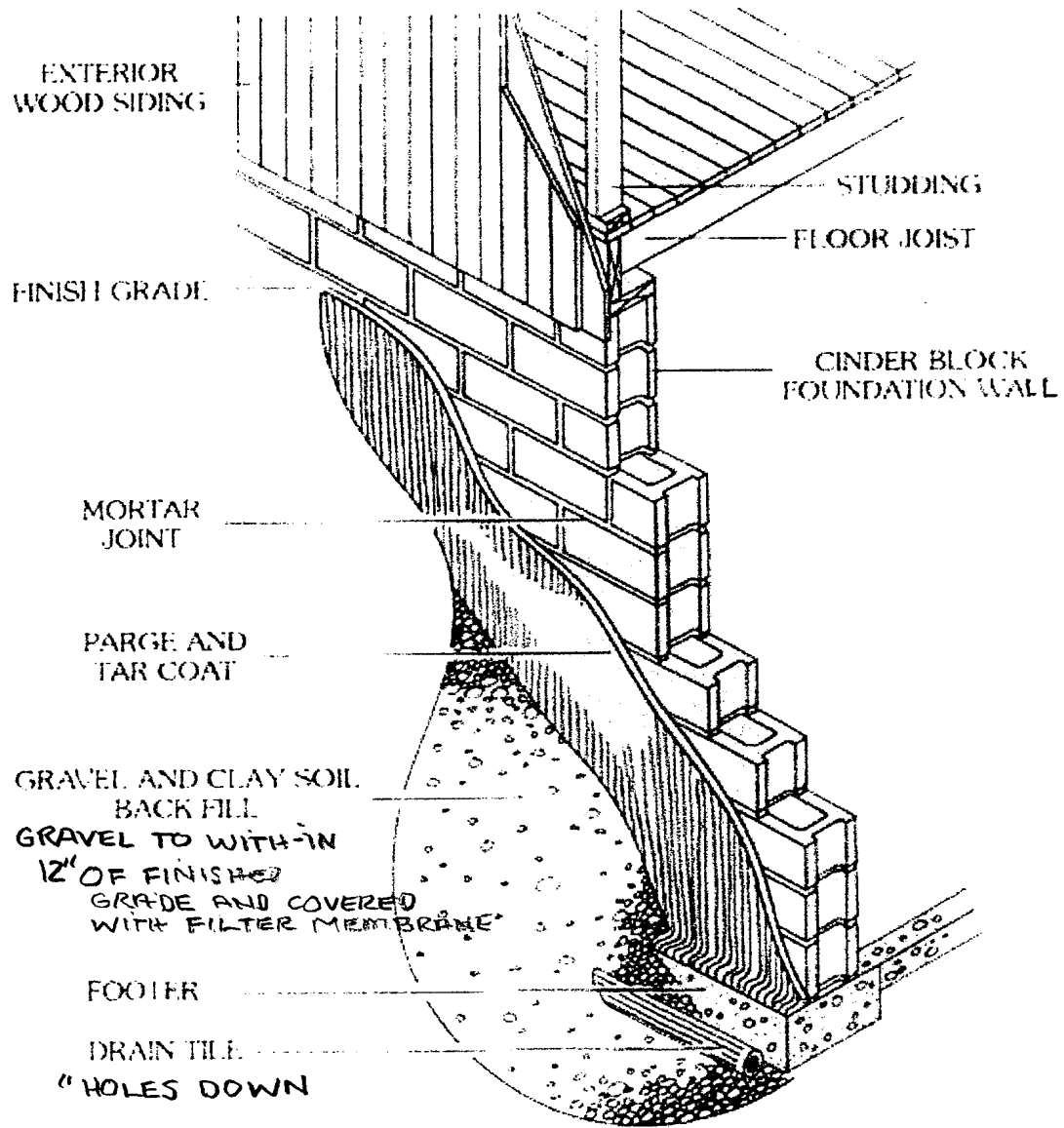


# Waterproofing and Dampproofing



## **Requirements for Waterproofing and Dampproofing**

1. Before excavating and performing waterproofing of exterior walls of a house, a Building Permit must first be obtained from the Building Department. Object of dampproofing or waterproofing is to provide protection against water entering at critical areas in the exterior foundation wall.
2. After excavation of the foundation has been accomplished, broken or clogged drain tile shall be replaced.
3. The exposed wall shall be cleaned, scraped and pinholes re-mortared. An application of ½ inch thick Type M mortar plaster shall be spread over the entire wall from the outside edge of the footing to finish grade.
4. After the mortar application has been applied at least one heavy coat of undiluted hot tar or hot asphalt shall be installed. Other acceptable coatings may also be permitted, such as ironite. It is recommended that two coats of this hot tar membrane be applied. Drain tile shall be not less than four (4) inches discharging into the building storm sewer. Slope of tile shall be not less than 1/16" per foot.
5. The drain tile shall be covered with gravel within 12 inches of the established surface grade. The top 12 inches of backfill shall consist of impervious clay soil suitable for lawn or shrubs. If the surface adjacent to the foundation wall is to be paved, the backfill near the top may be a suitable base for such construction.
6. There shall be a filter membrane between the stone fill and the finish soil.  
**NOTE: If water entry is visible on the basement floor or wall near the area of the exterior downspout, run a snake into the downspout at the point of entry into the storm sewer to locate the approximate area where a clogged or broken storm tile may be before excavating.**