

CITY OF ENGLEWOOD FLOODPROOFING TECHNIQUES

ALLOWING FLOODING W/O STRUCTURAL DAMAGE

DESCRIPTION:

Wet flood proofing utilizes entry points and openings in the structure to allow floodwaters to enter the enclosed area of the home (FEMA P-312.)

Applicable to homes where flood waters exceed 1.5' in depth, with floodproof crawl spaces, or empty basements with multiple entries. Not recommended for most basements due to possibility of occupation.

CHARACTERISTICS:

- Is cost effective if below grade level is flood-ready (i.e. not a living space)
- Allows floods to pass through the building preventing structural damage to home. Does not require sealant, although sealant is suggested for all flooded surfaces
- Not recommended for houses with basements or main floors below the BFE
- Requires a sump pump to get rid of excess water that may have seeped near foundation
- Requires that all items be removed from floodable space, and may interfere with radon detection systems
- Not practical to be used for living spaces
- Requires an exit method (such as a sump pump)
- May require modifying uninhabited areas to allow water entry without damage
- Does not reduce flood insurance premium rates for residential structures

Preparing Home for Flood Allowance

If below grade level is flood-ready (i.e. not a living space; unfinished basement; crawl space)

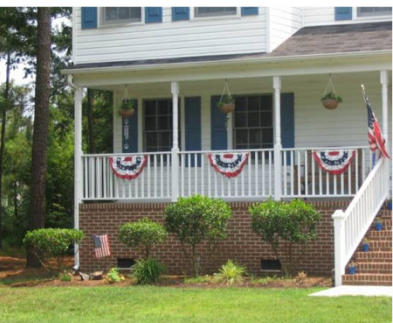
2 ft height \$1.40 - \$1.80/sq ft

4 ft height \$3.45 - \$3.70/sq ft

8 ft height \$10.60/sq ft

If below grade level is NOT flood-ready (i.e. slab and vents need to be installed)

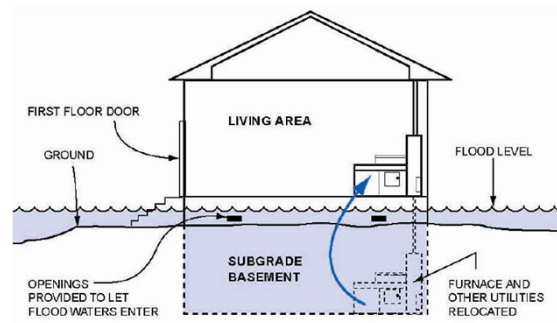
Range \$25,000 \$42,000



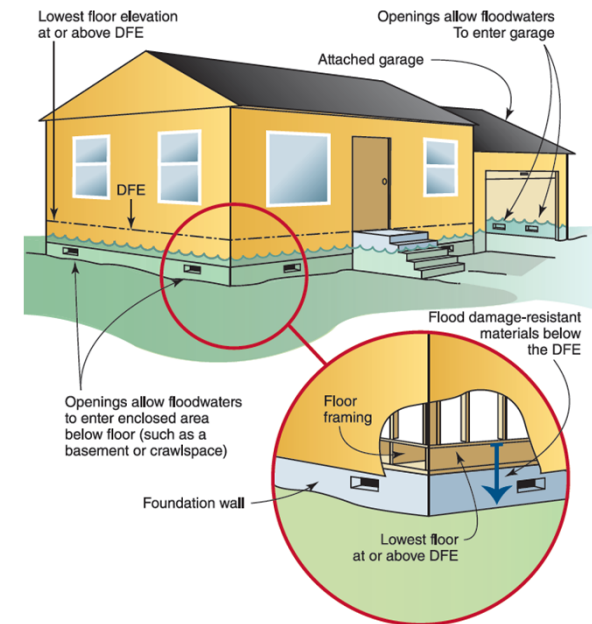
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