# Additional Information



#### NOTE

To learn more about flood hazards, flood-plain management requirements, and building codes in your community, check with your local floodplain administrator, building official, city engineer, or planning and zoning administrator.



NOTE

A number of Federal and non-Federal programs provide financial assistance for retrofitting projects, including house elevation. FEMA's Homeowner's Guide to Retrofitting (FEMA 312) lists these programs and describes the types of assistance available.

Information about protecting floodprone houses is available from FEMA and other sources.

FEMA has produced many technical guides and manuals that provide additional information about methods of protecting floodprone houses, including elevation techniques. Some of these documents are intended primarily for homeowners and non-technical readers; others are designed specifically to meet the needs of engineers, architects, and building officials.

## FEMA Guides and Manuals for Both Non-Technical and Technical Readers

### Homeowner's Guide to Retrofitting- Six Ways to Protect Your House From Flooding

#### **FEMA Publication No. 312**

This handbook is intended for non-technical readers who would like more information about flood protection methods. Illustrated discussions of house elevation, wet floodproofing, house relocation, dry floodproofing, levees and floodwalls, and demolition are supplemented with cost estimates, checklists, and decision-making worksheets.

### **NFIP Technical Bulletin Series**

### TB-1 through TB-9

FEMA's NFIP Technical Bulletins are intended for a broad range of readers, including homeowners, local officials, and design professionals, who need guidance concerning NFIP regulatory requirements that apply to buildings in SFHAs. Topics addressed by the bulletins that may be of interest to readers of this publication include the requirement for openings in foundation walls below the BFE (TB-1), flood-resistant materials requirements (TB-2), wet floodproofing requirements (TB-7), and corrosion protection for metal connectors in coastal areas (TB-8).

# Protecting Building Utilities From Flood Damage – Principles and Practices for the Design and Construction of Flood Resistant Building Utility Systems

### **FEMA Publication No. 348**

This manual is intended for developers, architects, engineers, builders, code officials, and homeowners who are involved in designing and constructing building utility systems for residential and non-residential structures. The manual discusses flood-protective design and construction of utility systems for new buildings and modifications to utility systems in existing buildings.

# FEMA Guides and Manuals for Engineers, Architects, Building Officials, and Other Technical Readers

Coastal Construction Manual – Principles and Practices of Planning, Siting, Designing, Constructing, and Maintaining Residential Buildings in Coastal Areas

### Third Edition FEMA Publication No. 55

This three-volume manual is intended for architects, engineers, building professionals, and community officials who need technical guidance concerning the proper methods of planning, siting, designing, constructing, and maintaining residential buildings in coastal areas subject to flood, wind, and seismic hazards. The manual includes a summary of past coastal hazard events, such as hurricanes, northeasters, and tsunamis; a discussion of coastal hazards and regulatory requirements that affect coastal construction; and detailed design guidance, including formulas and example problems.

### **Engineering Principles and Practices for Retrofitting Flood Prone Residential Buildings**

#### **FEMA Publication No. 259**

This manual is intended for architects, engineers, and building professionals who need technical guidance concerning flood protection techniques that can be applied to existing buildings. Detailed specifications, computation examples, and cost data are presented.

In addition, this publication on house elevation in south Florida is available on both CD-ROM and videotape. To order copies of FEMA publications, including videos and CD-ROMs, call the FEMA Publications Distribution Facility at 1-800-480-2520.

For more information about hazard mitigation and other subjects in emergency management, visit FEMA's web site:

www.fema.gov