

## APPENDIX E

# References

- AA (Aluminum Association). 1959. *Aluminum Construction Manual*.
- AA. 2010. *Aluminum Design Manual*.
- ACI (American Concrete Institute). 2008a. *Building Code Requirements for Structural Concrete and Commentary*. ACI 318-08.
- ACI. 2008b. *Building Code Requirements for Masonry Structures*. ACI 530-08.
- AISC (American Institute of Steel Construction). 2005. *Steel Construction Manual*. AISC 325-05.
- ANSI (Approved American National Standard)/AF&PA (American Forest & Paper Association). 2005. *National Design Specification for Wood Construction*. ANSI/AF&PA NDS-2005.
- APA (The Engineered Wood Association). 1997. *Plywood Design Specification*.
- APA. 1999. *Shear Transfer at Engineered Wood Floors*. Form Y250. September.
- APA. 2006. *Roof Sheathing Fastening Schedules for Wind Uplift*. Form T325. 2006.
- APA. 2007. *Diaphragms and Shear Walls*. Form L350. October.
- APA. 2011. *Design for Combined Shear and Uplift from Wind*. SR-1013. 2011.
- ASCE (American Society of Civil Engineers). 2005. *Flood Resistant Design and Construction*. ASCE Standard 24-05
- ASCE. 2006. *Seismic Rehabilitation of Existing Buildings*. ASCE/SEI Standard 41-06.
- ASCE. 2010. *Minimum Design Loads for Buildings and Other Structures*. ASCE/SEI Standard 7-10.
- ASTM International. 2007. *Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft<sup>3</sup> (600 kN-m/m<sup>3</sup>))*. Designation D698-07e1.
- ASTM International. 2010. *Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)*. Designation D2487-10.
- Budynas, RG; Roark, RJ; Young, WC. 1989. *Roark's Formulas for Stress and Strain*. McGraw-Hill.

- FEMA. 1987. *Reducing Losses in High Risk Flood Areas – A Guidebook for Local Officials*. FEMA 116. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1508>
- FEMA. 1992. *Building Performance Assessment: Hurricane Andrew in Florida*. FIA-22. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=2765>
- FEMA. 1993a. *Non-Residential Floodproofing Requirements and Certification for Buildings Located in Special Flood Hazard Areas in Accordance with the NFIP*. NFIP Technical Bulletin 3-93. <http://www.fema.gov/library/viewRecord.do?id=1716>
- FEMA. 1993b. *Wet Floodproofing Requirements for Structures Located in Special Flood Hazard Areas in Accordance with the NFIP*. NFIP Technical Bulletin 7-93. <http://www.fema.gov/library/viewRecord.do?id=1720>
- FEMA. 1993d. *Technical Information on Elevating Substantially Damaged Residential Buildings in the Midwest*. August 24.
- FEMA. 1994. *Typical Costs for Seismic Rehabilitation of Existing Buildings*. FEMA 156. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1630>
- FEMA. 1999a. *Protecting Building Utilities from Flood Damage: Principles and Practices for the Design and Construction of Flood Resistant Building Utility Systems*. FEMA P-348. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1750>
- FEMA. 1999b. *Riverine Erosion Hazard Areas Mapping Feasibility Study*. September. <http://www.fema.gov/library/viewRecord.do?id=2209>
- FEMA. 2000a. *Above the Flood: Elevating your Floodprone House*. FEMA 347. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1424>
- FEMA. 2000b. *Prestandard and Commentary for the Seismic Rehabilitation of Buildings*. FEMA 356. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1427>
- FEMA. 2003. *Guidance for Wave Elevation Determination and V Zone Mapping*. April. <http://www.fema.gov/library/viewRecord.do?id=2357>
- FEMA. 2005a. *Guidance for Pacific Coast of the United States*. February.
- FEMA. 2005b. *Earthquake Safety Guide for Homeowners*. FEMA 530. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1449>
- FEMA. 2006a. *Homebuilders' Guide to Earthquake-Resistant Design and Construction*. FEMA 232. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=2103>
- FEMA. 2006b. *National Flood Insurance Program Community Rating System, Special Hazards Supplement to the CRS Coordinator's Manual*. <http://training.fema.gov/EMIWeb/CRS/2006%20Special%20Hazards%20Supplement.pdf>
- FEMA. 2007. *Guidance for Atlantic and Gulf Coasts of the United States*. February.

- FEMA. 2008a. *Flood Damage-Resistant Materials Requirements for Buildings Located in Special Flood Hazard Areas in accordance with the National Flood Insurance Program*. NFIP Technical Bulletin 2-08. <http://www.fema.gov/library/viewRecord.do?id=1580>
- FEMA. 2008b. *Openings in Foundation Walls and Walls of Enclosures*. NFIP Technical Bulletin 1-08. <http://www.fema.gov/library/viewRecord.do?id=1579>
- FEMA. 2008c. *Free-of-Obstruction Requirements*. NFIP Technical Bulletin 5-08. <http://www.fema.gov/library/viewRecord.do?id=1718>
- FEMA. 2009a. *Homeowner's Guide to Retrofitting*. Second Edition. FEMA P-312. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1420>
- FEMA. 2009b. *Local Officials Guide to Coastal Construction*. FEMA P-762. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=3647>
- FEMA. 2009c. *Recommended Residential Construction for Coastal Areas: Building on Strong and Safe Foundations*. FEMA P-550. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1853>
- FEMA. 2010a. *Home Builder's Guide to Coastal Construction*. FEMA P-499. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=2138>
- FEMA. 2010b. *Wind Retrofit Guide for Residential Buildings*. FEMA P-804. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=4569>
- FEMA. 2010c. *Substantial Improvement/Substantial Damage Desk Reference*. FEMA P-758. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=4160>
- FEMA 2010d. *Substantial Damage Estimator*. FEMA P-784. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=4166>
- FEMA. 2011. *Coastal Construction Manual: Principles and Practices of Planning, Siting, Designing, Construction, and Maintaining Residential Buildings in Coastal Areas (4th ed.)*. FEMA P-55. June. <http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=1671>
- ICC (International Code Council). 2011a. *International Building Code*. 2012 IBC. ICC: Country Club Hills, IL.
- ICC. 2011b. *International Residential Code for One- and Two-Family Dwellings*. 2012 IRC. ICC: Country Club Hills, IL.
- ISO (Insurance Service Office, Inc.). 2011. *Building Code Effective Grading Schedule*. Accessed June 28, 2011. <http://www.isomitigation.com/bcegs/0000/bcegs0001.html>. Accessed June 28, 2011.
- NFPA (National Fire Protection Association). 2009. *Building Construction Safety Code*. NFPA 5000.
- National Oceanic and Atmospheric Administration (NOAA). *Current NWS Precipitation Frequency (PF) Documents and Related Studies*. <http://www.nws.noaa.gov/oh/hdsc/currentpf.htm>. Last accessed November 1, 2011.

Portland Cement Association. 2008. *Concrete Floors on Ground*. January.

USACE (United States Army Corps of Engineers). 1984. *Shore Protection Manual: Volume II*. Coastal Engineering Research Center. Volume two of two.

USACE. 1988. *Flood Proofing Tests – Tests of Materials and Systems for Flood Proofing Structures*. August.

USACE. 2000. *Engineering Design – Design and Construction of Levees*. EM 1110-2-1913.

United States Department of Housing and Urban Development (HUD). 1993. *Proposed Model Land Development Standards and Accompanying State Enabling Legislation*. ACCN-6212.