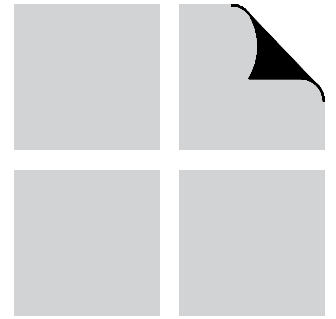


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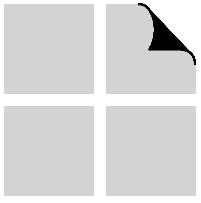
WFCM

WOOD FRAME CONSTRUCTION MANUAL

FOR ONE- AND TWO-FAMILY DWELLINGS

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Foreword

The *Wood Frame Construction Manual for One- and Two-Family Dwellings (WFCM)* provides engineered and prescriptive design requirements for wood frame construction used in one- and two-family dwellings. The provisions of the *WFCM* are based on dead, live, snow, seismic and wind loads derived from provisions of the *2000 International Building Code*. In general, the framing systems described in the *WFCM* utilize repetitive member wood assemblies.

The *WFCM* includes general information on loads and resistances. The limitations of applicability are provided in Chapter 1 and apply to both Chapters 2 and 3. Chapter 2 provides minimum loads for buildings within the scope of this document for the purpose of establishing specific resistance requirements. Note that Chapter 2 also contains some necessary construction details. These details have been derived from typical code provisions and are included in Chapter 2 for the convenience of the designer. Chapter 3 provides several prescriptive solutions derived from Chapter 2 load requirements. Therefore, it is perfectly acceptable to use Chapter 3 provisions for parts of a design and Chapter 2 for other parts.

The user should be aware that tables often include condensed information that covers more than one design condition. In keeping with good engineering practice, this results in tables that are based on the worst case. For specific design cases, the user may find advantages to computing design requirements directly from *2000 IBC* load requirements using the actual building geometry. This will usually result in some added economy in design.

In developing the provisions of the *WFCM*, the most reliable data available from laboratory tests and experience with structures in-service have been carefully analyzed and evaluated for the purpose of providing a consistent standard of practice. It is intended that this document be used in conjunction with competent engineering design, accurate fabrication, and adequate supervision of construction. Therefore, AF&PA does not assume any responsibility for error or omissions in the *WFCM* nor for engineering designs or plans prepared from it.

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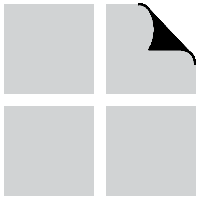


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