

2018 IBC[®] Code and Commentary—Volume 1

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PREFACE

The principal purpose of the Commentary is to provide a basic volume of knowledge and facts relating to building construction as it pertains to the regulations set forth in the 2018 *International Building Code*. The person who is serious about effectively designing, constructing and regulating buildings and structures will find the Commentary to be a reliable data source and reference to almost all components of the built environment.

As a follow-up to the *International Building Code*, we offer a companion document, the *IBC® Code and Commentary—Volume 1*. Volume 1 covers Chapters 1 through 15 of the 2018 *International Building Code*. The basic appeal of the Commentary is thus: it provides in a small package and at a reasonable cost thorough coverage of many issues likely to be dealt with when using the *International Building Code*—and then supplements that coverage with historical and technical background. Reference lists, information sources and bibliographies are also included.

Throughout all of this, effort has been made to keep the vast quantity of material accessible and its method of presentation useful. With a comprehensive yet concise summary of each section, the Commentary provides a convenient reference for regulations applicable to the construction of buildings and structures. In the chapters that follow, discussions focus on the full meaning and implications of the code text. Guidelines suggest the most effective method of application, and the consequences of not adhering to the code text. Illustrations are provided to aid understanding; they do not necessarily illustrate the only methods of achieving code compliance.

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Readers should note that the Commentary is to be used in conjunction with the *International Building Code* and not as a substitute for the code. The Commentary is advisory only; the code official alone possesses the authority and responsibility for interpreting the code.

Comments and recommendations are encouraged, for through your input, we can improve future editions. Please direct your comments to the Codes and Standards Development Department at the Chicago District Office.

The International Code Council would like to extend its thanks to the following individuals for their contributions to the technical content of this commentary:

Brian Black	Kevin Brinkman
John Woestman	Gregory Cahanin
David Cooper	Rebecca Quinn
Dave Collins	Joann Surmar
Vickie Lovell	James Milke
John Valiulis	Richard Walke
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S.I. CONVERSION CHART FOR ENGLISH UNITS

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Temperature degrees Fahrenheit	1.8 × degrees C + 32

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