

PHOENIX BUILDING CONSTRUCTION CODE

PREFACE

The *Phoenix Building Construction Code* is adopted by reference in Chapter 9 of the *Phoenix City Code*. This edition of the *Phoenix Building Construction Code* was adopted by the Phoenix City Council on March 30, 2005 and is **effective July 1, 2005**.

The *Phoenix Building Construction Code* is developed and maintained through the efforts of the Development Advisory Board, working in conjunction with the Development Services Department.

The *Phoenix Building Construction Code* consists of the City of Phoenix administrative provisions and amendments to the following codes:

2003 International Building Code
2003 International Residential Code
2003 International Existing Building Code
2003 International Code Council Performance Code
2003 International Mechanical Code
2003 International Energy Conservation Code (as amended in the 2004 ICC Supplement)
Arizona State Plumbing Code (with 2003 supplements)
2005 National Electrical Code / NFPA-70
ASME A17.1-2004, Safety Code for Elevators and Escalators
ASME A17.3-2002, Safety Code for Existing Elevators and Escalators
ASME A18.1-2003, Safety Standards for Platform Lifts and Stairway Chairlifts

Ordinance No. G-4683

Ordinance No. G-4683 adopts the above-referenced codes with City of Phoenix amendments. All codes are separate documents as part of the *Phoenix Building Construction Code*.

The *Phoenix Building Construction Code—Administrative Provisions* establishes the provisions for permit and plan submittal requirements. All administrative chapters of the above-referenced codes have been amended accordingly to refer to these administrative provisions.

Furthermore, all code references made herein shall be understood to be as amended by the City of Phoenix.

Appendix Chapters

The City of Phoenix has adopted the following Appendix Chapters of the above-referenced codes. Any appendix chapters not listed below are not adopted as part of the requirements of this Code.

International Building Code

Appendix I Patio Covers

International Residential Code

Appendix B Sizing of Venting Systems

Appendix E Factory Built Buildings

Appendix G Swimming Pools, Spas and Hot Tubs

Appendix H Patio Covers

Appendix J Existing Buildings and Structures

International Existing Building Code

- Appendix A Prescriptive Provisions for Seismic Strengthening of Cripple Walls and Sill Plate Anchorage of Light, Wood-Frame Residential Buildings
- Appendix B Supplementary Accessibility Requirements for Existing Buildings and Facilities

Arizona State Plumbing Code

- Appendix A Recommended Rules for Sizing the Water Supply System
- Appendix B Explanatory Notes on Combination Waste and Vent Systems
- Appendix D Rainwater Systems
- Appendix E Manufactured/Mobile Home Parks and Recreational Vehicle Parks
- Appendix F Medical Gas Systems
- Appendix G Graywater Systems for Single Family Dwellings
- Appendix H Recommended Procedures for Sizing Commercial Kitchen Grease Interceptors
- Appendix I Private Sewage Disposal Systems
- Appendix J Reclaimed Water Systems for Non-Residential Buildings

ASME A17.1 Safety Code for Elevators and Escalators

- Appendix A Control System
- Appendix B Door Landing and Unlocking Zones
- Appendix C Location of Top Emergency Exit
- Appendix D Rated Load and Capacity Plates for Passenger Elevators
- Appendix E CSA B44 Elevator Requirements for Persons with Physical Disabilities
- Appendix F Ascending Car Overspeed and Unintended Car Movement Protection
- Appendix G Top of Car Clearance
- Appendix H Private Residence Elevator Guarding
- Appendix I Escalator and Moving Walk Diagrams
- Appendix J CSA B44 Maintenance Requirements and Intervals for Elevators, Dumbwaiters, Escalators and Moving Walks
- Appendix K Beveling and Clearance Requirements
- Appendix L Index of Alteration Requirements for Electric Elevators, Hydraulic Elevators, Escalators, and Moving Walks
- Appendix M Inertia Application for Type A Safety Device Location of Test Weight
- Appendix N Recommended Inspection and Test Intervals in “Months”
- Appendix O Elevator Corridor Call Station Pictograph

Instructions for use of the Code

The amended *Phoenix Building Construction Code* is published on insert pages designed to be used with a loose-leaf copy of the Codes. The Administrative Provisions are contained in this separate volume and include all of the administrative provisions applicable to the Development Services Department. Perform the steps below to convert the Codes into the *Phoenix Building Construction Code*:

1. The Administrative Provisions are in tact as amended, however, delete the administrative provisions for each code as indicated in Chapter 1 of each code.
2. For the technical provisions of the codes, remove and delete the appendix chapters not adopted by the City of Phoenix.
3. Replace the model code pages with City of Phoenix amendment pages.

Symbols in the margins indicate the status of code changes:

|| This symbol indicates a City of Phoenix amendment has been made to the model code.

> This symbol indicates deletion of model code language by the City of Phoenix.

ORDINANCE G-4683

Editor's Note: The Ordinance included as part of this Preface reflects the Ordinance as adopted by the Phoenix City Council. The attachments referenced within represent the amendments already incorporated as part of this code.

AN ORDINANCE REPEALING AND RECREATING SECTION 9-1 OF THE PHOENIX CITY CODE ADOPTING A PHOENIX BUILDING CONSTRUCTION CODE.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PHOENIX as follows:

SECTION 1. Section 9.1 of the Phoenix City Code relating to Construction Code of the City of Phoenix is hereby repealed.

SECTION 2. Section 9.1 of the Phoenix City Code is hereby recreated to establish the Phoenix Building Construction Code by adopting by this reference the following model codes in their entirety as if set forth at length, subject to amendments to such codes as set forth below in this ordinance, with deletions struck through and additions underlined. Each code shall be a separate document of the Phoenix Building Construction Code.

2003 International Building Code

2003 International Residential Code

2003 International Existing Building Code

2003 International Code Council Performance Code

2003 International Mechanical Code

2003 International Energy Conservation Code (As amended in the 2004 ICC Supplement)

Arizona State Plumbing Code (with current supplements)

2005 National Electrical Code NFPA 70

ASME A17.1 Safety Code for Elevators and Escalators

ASME A17.3 Safety Code for Existing Elevators and Escalators

ASME A 18.1 Safety Standards for Platform Lifts and Stairway Chairlifts

SECTION 3. Section 1 of each of the Codes listed in Section 2 of this ordinance relating to Administrative Provisions is hereby deleted, except as specifically noted in each Code, and recreated as the Phoenix Building and Construction Code—Administrative Provisions, as set forth in Exhibit A, attached hereto. These administrative provisions shall apply to all of the codes making up the Phoenix Building Construction Code.

SECTION 4. The 2003 International Building Code, as adopted by reference above, is hereby amended as set forth in Exhibit B, attached hereto.

SECTION 5. The 2003 International Residential Code, as adopted by reference above, is hereby amended as set forth in Exhibit C, attached hereto.

SECTION 6. The 2003 International Existing Building Code, as adopted by reference above, is hereby amended as set forth in Exhibit D, attached hereto.

SECTION 7. The 2003 International Code Council Performance Code, as adopted by reference above, is hereby amended as set forth in Exhibit E, attached hereto.

SECTION 8. The 2003 International Mechanical Code, as adopted by reference above, is hereby amended as set forth in Exhibit F, attached hereto.

SECTION 9. The 2003 International Energy Conservation Code (as amended in the 2004 ICC supplement), as adopted by reference above, is hereby amended as set forth in Exhibit G, attached hereto.

SECTION 10. The Arizona State Plumbing Code, (with current supplements), as adopted by reference above, is hereby amended as set forth in Exhibit H, attached hereto.

SECTION 11. The 2005 National Electrical Code NFPA 70, as adopted by reference above, is hereby amended as set forth in Exhibit I, attached hereto.