CODE CHANGES RESOURCE COLLECTION: 2012 EDITION

A Complete Revision History, 2009 to 2012 I-Codes®



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Code Changes Resource Collection: 2012 I-Codes:

International Building Code:
Fire Safety
General
Means of Egress
Structural

International Fire Code
International Mechanical Code
International Plumbing Code
International Residential Code

First Printing: July 2012

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INTRODUCTION

Why did a section of the 2012 IBC, IFC, IMC, IPC or IRC change from the 2009 edition? This resource collection has been compiled to provide the answers to such questions.

This resource collection provides the published documentation for each successful code change in the 2012 IBC, IFC, IMC, IPC and IRC since the 2009 editions. Each changed code section is listed in the respective Table of Changes for each code. Each table contains three headings. The first heading is 2012 I-Code which lists the section number in the 2012 code. If (new) appears after the section number it indicates that the section is new in 2012. If (deleted) is indicated in 2012 it means that the section no longer exists and the second column 2009 will show the section number that was deleted. Also, the second heading will indicate if a section number has changed from 2009 to 2012. If there is nothing indicated in the 2009 column, the section number remained the same. The third heading lists the code change number(s) which affected that particular section. The published material for each change is contained in the Documentation section.

HOW TO USE THE HANDBOOK

This resource collection makes it possible for the reader to examine, in one location, all published information about a particular code change. For any given change, the text of the proposed change, committee actions and modifications, assembly actions, successful public comments, and final action can be found by using the following steps:

1. Locate the code section in the Table of Changes using the 2012 I-Code section number.
2. Note the corresponding proposed code change number(s) from the list.
3. Locate the proposed code change number (listed in numerical order under the appropriate year and letter designation) in the Documentation section to read the complete chronological documentation of the proposed change.

SOURCE DOCUMENTS

The code development cycle (see page vii) involves the publication of four documents: 1) public submittal of proposed changes, 2) a public hearing and committee/assembly actions, 3) submittal of public comments to the committee or assembly actions, and 4) final action results. Under each code change number in the Documentation section of this handbook, material corresponding to that individual proposed change has been drawn from each of the four publications. The Documentation section of this handbook contains material collected and collated from the following published documents:

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Code Change No: FS12-09/10

Code change numbers are identified with a letter and a year designation. For instance, **FS12-09/10** is proposed change number **12** to the International Building Code – Fire Safety Committee (FS) and was submitted in the **09/10** (2009/2010) code change cycle. (See Code Change Numbers on page v for a discussion of code committees)

Original Proposal

This is the proposal as published in the 2009/2010 Proposed Changes to the International Codes. It includes the section number(s), proponent's name, who they are representing, the text of the proposed change and their reason for the change. This is a change to IBC Section 705.2.

Public Hearing Results

This is the result of the Code Development Hearing held to consider the change, as published in the 2009 Report of the Public Hearing to the International Codes. It includes the committee's action (Disapproved) and reason for the action and also identifies if there was an assembly motion (in this case, there was no assembly action).

Public Comments

This is text of the submitted public comment, as published in the 2010 Final Action Agenda to the International Codes. It includes the public commenter's name and affiliation, the requested action to be considered at the Final Action Hearing (Approved As Modified by this public comment) and the reason.

Note: Only those code changes which received a public comment which resulted in a final hearing action different than a committee action are published.

Final Hearing Results

This is the action taken by the eligible voting members of the ICC at the Final Action Hearing, as published in the Final Action on 2009/2010 Proposed Changes to the International Codes. The Final Action was AMPC1 which means the eligible voting members of ICC overturned the committee's action and approved the change based on the submitted public comment.

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CODE CHANGE NUMBERS

The following is the legend for code change numbers, along with the applicable committee and the committee's primary area of responsibility.

Prefix	Code Committee	Primary Codes or Chapters Affected
IBC		
FS	IBC Fire Safety Committee	IBC Chapters 7-9, 14 and 26
G	IBC General Committee	IBC Chapters 2-6, 12, 13, and 27-34
E	IBC Means of Egress Committee	IBC Chapters 10 and 11; IFC Chapter 10
S	IBC Structural Committee	IBC Chapters 15-25
IFC	IFC Code Committee	IFC and IBC Chapter 9
IMC	IMC Code Committee	IMC
IPC	IPC Code Committee	IPC
IRC		
RB	IRC Building/Energy Committee	IRC Chapters 1-10
RE	IRC Building/Energy Committee	IRC Chapter 11
RP	IRC Plumbing/Mechanical Committee	IRC Chapters 12-44
ADM	Chapter 1 of all Codes (except IRC)	

CODE SECTION NUMBER DIFFERENCES

For editorial reasons, some code section numbers in the 2012 edition have changed from the 2009 edition. The numbering of code sections is an editorial task which takes place outside of the normal code development cycle, and is necessary to avoid duplicate or non-sequential section numbers.

The Table of Changes typically references the 2009 code section numbers that have been deleted. (See Introduction)

In most cases the section numbers have not changed from the 2009 to the 2012 edition. However, the reader should remember that it is always the 2009 code section numbers which appear in the material contained in the Documentation section. This is due to proposed changes which have as their basis, a section number in the 2009 edition. Since an attempt to correlate code sections by number may lead to confusion, the user is advised to rely on the section content rather than the numbers to locate and compare parallel sections in the two editions.

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ABBREVIATIONS FOR ACTIONS

In the Documentation section, the following abbreviations are used to signify committee or final action:

Legend for 2009/2010 Documentation:

AS	=	Approved as Submitted
D	=	Disapproved
AM	=	Approved as Modified by the Code Committee
AMPC	=	Approved as Modified by a Public Comment
WP	=	Withdrawn by Proponent

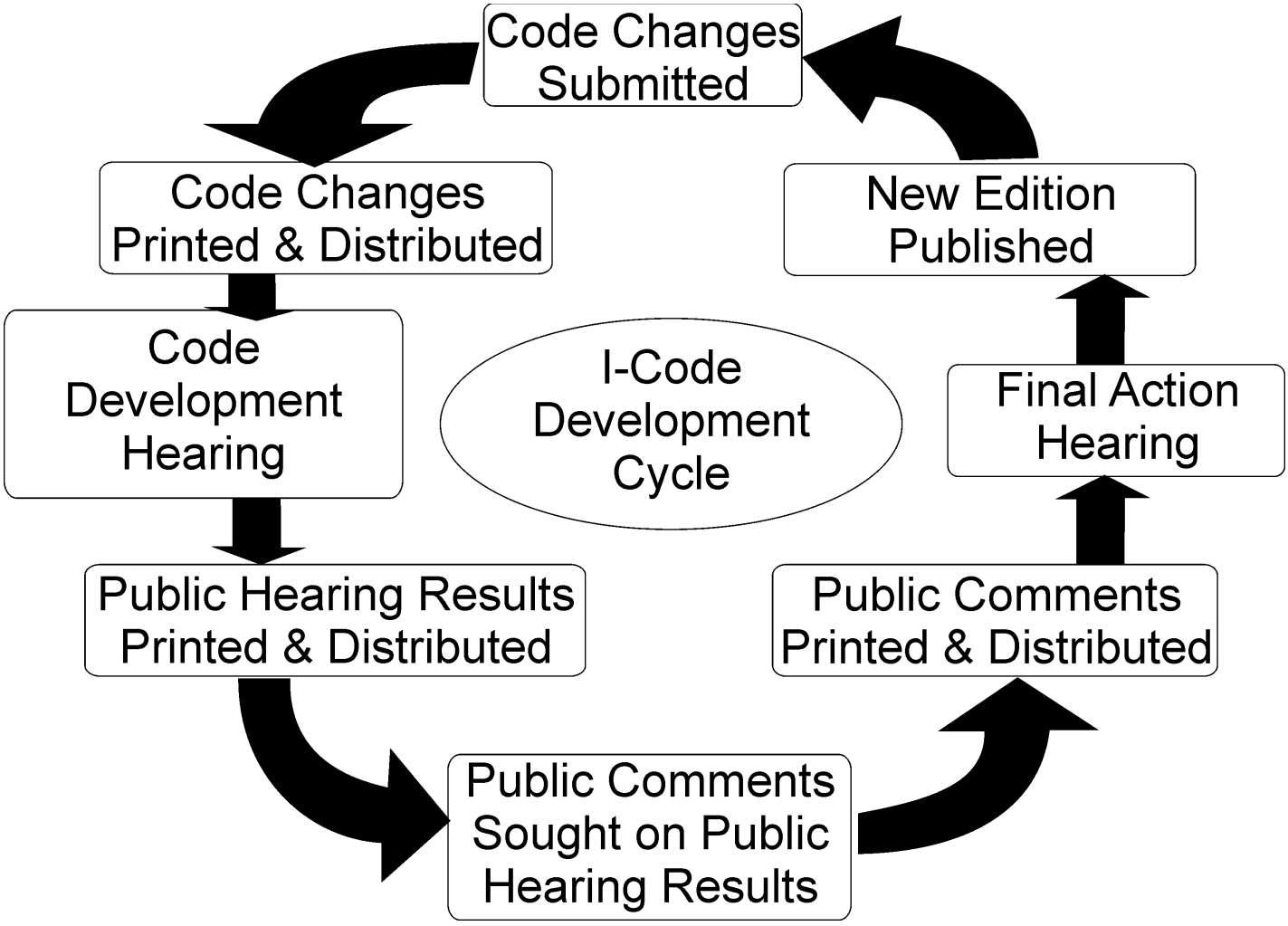
CODE CORRELATION COMMITTEE

During the course of the code development process, there are editorial issues, issues related to code correlation problems arising from code changes, and issues related to the appropriate committee that should consider certain topics. These issues are placed before the ICC Code Correlation Committee for resolution. During the development of the 2012 Code, from 2009 to 2012, the Code Correlation Committee met 2 times to discuss and resolve these issues. The parts of the code that were affected by a Code Correlation Committee action are indicated with the letters CCC beside that section of the code. All Code Correlation Committee actions are listed at the end of this handbook.

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ICC CODE DEVELOPMENT PROCESS

The following depicts the key steps in ICC's Code Development Process:



The procedures governing ICC Code Development are entitled Code Development Process for the International Codes. These procedures are updated periodically and therefore not included here. To obtain the current version, visit ICC's website at www.iccsafe.org.

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INTERNATIONAL BUILDING CODE
TABLE OF CHANGES

CHAPTER 1
ADMINISTRATION

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
[A]101.2		ADM2-09/10
[A]101.4.5		IBC 3-09 CCC
[A]102.4		ADM4-09/10
[A]102.4.1 (New)		ADM4-09/10
[A]102.4.2 (New)		ADM4-09/10
[A]104.10.1 (New)		ADM5-09/10
[A]105.2		ADM6-09/10, CCCIBC1-09
[A]107.2.3		ADM11-09/10
[A]110.3.9		CCC10 - #G1
[A]110.3.10.1 (New)		ADM14-09/10

CHAPTER 2
DEFINITIONS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
24-HOUR CARE (New)		G20-09/10
AMBULATORY CARE FACILITY		CCC10 - #G6, G15-09/10
ANCHOR BUILDING		CCC10 - #G10
Deleted	BEDDED (Area, for masonry)	S173-09/10
Deleted	ASSISTED/LIVING FACILITIES	G20-09/10
AWNING		S63-09/10
BRICK		S174-09/10
CANOPY		S63-09/10
CARE SUITE (New)		E104-09/10
Deleted	CHILD CARE FACILITIES	G20-09/10
COLLAR JOINT		S174-09/10
Deleted	CONNECTOR	S173-09/10
CORNICE (New)		S63-09/10
CORRIDOR		E2-09/10
Deleted	COVER	S173-09/10
CUSTODIAL CARE (New)		CCC10 - #G6, G20-09/10
DANGEROUS		EB3-09/10
DESIGNATED SEISMIC SYSTEM		S133-09/10
DETOXIFICATION FACILITIES		G20-09/10
DIAPHRAGM FLEXIBLE		S100-09/10
DIMENSIONS		S174-09/10
Deleted	DIMENSIONS, Actual	S173-09/10
EXIT		E4-09/10, E5-09/10 Part I
EXIT ACCESS DOORWAY		E5-09/10 Part I
EXIT ACCESS RAMP (New)		E5-09/10 Part I
EXIT ACCESS STAIRWAY (New)		E5-09/10 Part I
Deleted	EXIT ENCLOSURE	E5-09/10 Part I
EXIT PASSAGEWAY		E130-09/10
FABRICATED ITEM		S43-09/10
FIBER REINFORCED POLYMER		FS184-09/10
Deleted	FIBERGLASS REINFORCED POLYMER	FS185-09/10
FIRE-RATED GLAZING (New)		FS107-09/10
FIRE SEPARATION DISTANCE		IBC50-09 CCC
FIXED SEATING (New)		E100-09/10
Deleted	FLY GALLERY	G67-09/10
FOSTER CARE FACILITIES (New)		CCC10 - #G6, G20-09/10
[F] GAS CABINET		F191-09/10
Deleted	GRIDIRON	G67-09/10
GROUP HOME (New)		G20-09/10
Deleted	GROUTED MASONRY	S173-09/10
Deleted	HEIGHT, WALLS	S173-09/10
HELIPAD (New)		S69-09/10
HIGH-PRESSURE DECORATIVE EXTERIOR-GRADE COMPACT LAMINATE (HPL) (New)		FS164-09/10
HIGH-PRESSURE DCORATIVE EXTERIOR-GRADE COMPACT LAMINATE (HPL) SYSTEM (New)		FS164-09/10
HOSPITALS AND PSYCHIATRIC HOSPITALS		G20-09/10
HURRICANE-PRONE REGIONS		S84-09/10
ICE-SENSITIVE STRUCTURE (New)		S109-09/10
INCAPABLE OF SELF PRESERVATION (New)		G20-09/10
INTERIOR EXIT RAMP		E5-09/10 Part I
INTERIOR EXIT STAIRWAY		E5-09/10 Part I
JOINT		FS3-09/10, FS56-09/10
L RATING (New)		FS56-09/10. FS77-09/10
LIVE/WORK UNIT (New)		G1-09/10
LIVE LOAD		S32-09/10
LIVE LOAD, ROOF		S32-09/10
LIVE/WORK UNIT (New)		G1-09/10
MARQUEE (New)		S63-09/10
Deleted	MASONRY UNIT, (Clay)	S173-09/10
Deleted	MASONRY UNIT (Concrete)	S173-09/10
MECHANICAL EQUIPMENT SCREEN		S27-09/10
MEDICAL CARE (New)		G20-09/10
MEMBRANE PENETRATION		FS56-09/10
MEMBRANE-PENETRATION FIRESTOP SYSTEM		FS56-09/10
Deleted	MENTAL HOSPITAL	G20-09/10
MORTAR		S174-09/10

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CHAPTER 2 (continued)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
NATURALLY DURABLE WOOD		S195-09/10
Decay resistant		S195-09/10
Termite resistant		S195-09/10
NURSING HOMES		G20-09/10
PENTHOUSE		S27-09/10
PERFORMANCE CATEGORY (New)		S200-09/10
PERSONAL CARE SERVICE		CCC10 - #G6, G16-09/10
PHOTOVOLTAIC MODULES/SHINGLES		S22-09/10
Deleted	PINRAIL	G68-09/10
POLYPROPYLENE SIDING (New)		FS143-09/10
PORCELAIN TILE (New)		FS145-09/10
PSYCHIATRIC HOSPITALS (New)		G20-09/10
Deleted	RESIDENTIAL CARE/ASSISTED LIVING FACILITIES	G20-09/10
RISK CATEGORY	OCCUPANCY CATEGORY	S41-09/10
RISK-TARGETED MAXIMUM CONSIDERED EARTHQUAKE (MCE_R) GROUND MOTION RESPONSE ACCELERATIONS		S97-09/10
ROOF DECK		S27-09/10
ROOFTOP STRUCTURE		S27-09/10
SECONDARY MEMBERS		G3-09/10
SEISMIC DESIGN CATEGORY		S41-09/10
Deleted	SHELL	S173-09/10
SPECIAL INSPECTION		S111-09/10
Continuous special inspection		S111-09/10
Periodic special inspection		S111-09/10
SPECIAL INSPECTOR (New)		S113-09/10
STRUCTURAL COMPOSITE LUMBER		
Laminated strand lumber (LSL)		S196-09/10
Laminated veneer lumber (LVL)		S196-09/10
Oriented strand lumber (OSL)		S196-09/10
Parallel strand lumber (PSL)		S196-09/10
SUBSTANTIAL STRUCTURAL DAMAGE		EB4-09/10
Deleted	SUITE	E104-09/10
SUSCEPTIBLE BAY (New)		S83-09/10
TECHNICAL PRODUCTION AREA (New)		G67-09/10
THROUGH PENETRATION		FS56-09/10
THROUGH-PENETRATION FIRESTOP SYSTEM		FS56-09/10
Deleted	TIE, LATERAL	S173-09/10
Deleted	TILE	S173-09/10
TUBULAR DAYLIGHTING DEVICE (New)		S144-09/10
VAPOR PERMEABLE MEMBRANE		G5-09/10
VEHICLE BARRIER WALL		S31-09/10, S67-09/10, S71-09/10
MASONRY-BONDED HOLLOW WALL		S174-09/10
Deleted	WEB	S173-09/10
WIND-BORNE DEBRIS REGION		S84-09/10
WIND SPEED, V_{ult} (New)		S84-09/10

CHAPTER 3
USE AND OCCUPANCY CLASSIFICATION

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
303.1.3	303.1	CCC10 - #G5, E140-09/10
303.3	303.1	CCC, G14-09/10, G122-09/10
304.1		G15-09/10
304.2	304.1.1	G15-09/10
305.1		CCC10 - #G6, G16-09/10
305.1.1	305.1	G16-09/10
305.2		G16-09/10
305.2.1 (New)		G16-09/10
305.2.2 (New)		G16-09/10
305.2.3 (New)		G16-09/10
306.2		G122-09/10
Table [F]307.1		F23-09 CCC, F187-09/10
[F]307.1(1)		F186-09/10
[F]307.4		F187-09/10
308.1		G20-09/10
308.3	308.2	CCC10 - #G6, G20-09/10
308.3.1	308.2	CCC10 - #G6, G20-09/10
308.3.2	308.2	G20-09/10
308.4	308.3	G20-09/10
308.4.1 (New)		CCC10 - #G6, G20-09/10
Deleted	308.5.1	G16-09/10
Deleted	308.5.2	G16-09/10
308.6	308.5	CCC10 - #G6, G16-09/10
308.6.2 (New)		G16-09/10
308.6.3 (New)		G16-09/10
308.6.4 (New)		G16-09/10
310.3		G27-09/10
310.4		G27-09/10
310.5		CCC10 - #G6, G20-09/10, G27-09/10
310.5.1		CCC10 - #G6, G20-09/10
310.6		CCC10 - #G6, G20-09/10

CHAPTER 4
SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
NOTE: Section 402 has been completely reorganized from the 2009 code; therefore the sections listed below are only those with additional changes.		
402.1		CCC10 - #G7, CCC10 - #G10
402.1.1	402.6.1	CCC10 - #G7, CCC10 - #G8, G31-09/10
402.1.2 (New)		G31-09/10
402.3		G31-09/10
402.4 (New)		CCC10 - #G7
402.4.1	402.6	CCC10 - #G7, G31-09/10
402.4.2.2	402.7.3	G31-09/10

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CHAPTER 4 (continued)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
402.4.2.3	402.7.1	CCC10 - #G9, G31-09/10, G35-09/10
402.4.3	402.5.2	G31-09/10
402.4.3.1 (New)		G31-09/10
[F]402.5	[F]402.9	G31-09/10
402.6.1	402.8	CCC10 - #G8, G31-09/10
402.6.2	402.11 & 402.12.2	IBC3-09 CCC, G31-09/10, G38-09/10, F58-0910, CCC10-#G10
402.6.3	402.12	FS139-09/10
402.6.4	402.16	G31-09/10
402.6.4.5	402.16.4	F58-09/10
[F] 402.7.3	[F] 402.14	G31-09/10
[F] 402.7.4	[F] 402.15	G31-09/10
402.8	402.4	CCC10 - #G7, G31-09/10
402.8.1.1	402.5.1	G31-09/10
402.8.2	402.4.1	G31-09/10
402.8.2.1	402.4.1.1	CCC10 – #G10, G31-09/10
402.8.2.4	402.4.1.4	G31-09/10
402.8.4	402.4.3	G31-09/10
402.8.5	402.4.4	G31-09/10
402.8.6	402.4.5	G31-09/10, CCC10 - #G16
403.2.3		E5-09/10 Part I, S41-09/10
403.2.3.1		E5-09/10 Part I
403.2.3.2		E5-09/10 Part I
[F] 403.3.1.1		E5-09/10, Part I
[F] 403.3.3 (New)		G43-09/10
[F] 403.4.8		[F] 403.4.7, G45-09/10
[F] 403.4.8.2	[F]403.4.7.2	G45-09/10
403.5.1		E5-09/10 Part I
403.6.1		G49-09/10
404.6		G51-09/10
NOTE: Section 406 has been completely reorganized from the 2009 code; therefore the sections listed below are only those with additional changes.		
406.1 (New)		G53-09/10
406.2 (New)		G53-09/10
406.3	406.1 & 406.3.1	CCC10 - #G11, G53-09/10
406.3.4	406.1.4	G53-09/10, G55-09/10, G56-09/10
406.4	406.2 & 406.4.1	CCC10 – G11, G53-09/10
Deleted	406.2.1	G53-09/10
406.4.1	406.2.2	E151-09/10, G53-09/10
406.4.2	406.2.3	G53-09/10, S71-09/10
406.4.3	406.2.4	G53-09/10, S71-09/10
406.5	406.3 & 406.5.1	CCC10 - #G11, G53-09/10
Deleted	406.3.1	G53-09/10
Deleted	406.3.2	G53-09/10
406.5.1	406.3.3	G53-09/10, S71-09/10
406.5.2.1 (New)		G60-09/10
406.5.5	406.3.6	G53-09/10, G62-09/10
Deleted	[F] 406.3.10	IBC5-09 CCC
406.6	406.4 & 406.6.1	CCC10 - #G11, G53-09/10
406.7	406.5 & 406.5.1	CCC10 - #G11, G53-09/10
406.8	406.6 & 406.8.1	CCC10 - #G11, G53-09/10
[F] 406.8.5	[F] 406.6.6	IBC6-09 CCC, G53-09/10
[F] 406.8.5.1	[F] 406.6.6.1	G53-09/10, F178-09/10, IBC6-09 CCC
[F] 406.8.5.1.1	[F] 406.6.6.1	F178-09/10
407.2.1		G65-09/10, CCC10 - #G12, CCC10 - #G20
407.2.2		G65-09/10
407.2.3		G65-09/10, CCC10 - #G12, CCC10 - #G20
407.2.4		G65-09/10
407.3		G65-09/10, CCC10 - #G12
407.3.1		CCC10 - #G12
407.4 (New)		CCC10 - #G12
407.4.1	1014.2.2	CCC10 - #G12, E104-09/10
407.4.1.1	407.3.2	G65-09/10
407.4.2	1014.2.6	E104-09/10, CCC10 - #G12
407.4.3 (New)		CCC10 - #G12, E104-09/10
407.4.3.1	1014.2.5	CCC10 - #G12, E104-09/10
407.4.3.2	1014.2.7	CCC10 - #G12, E104-09/10
407.4.3.3	1014.2.4.3	CCC10 - #G12, E104-09/10
407.4.3.4	1014.2.4.4	CCC10 - #G12, E104-09/10
407.4.3.5	1014.2.3	CCC10 - #G12, E104-09/10
407.4.3.5.1	1014.2.3.1	CCC10 - #G12, E104-09/10
407.4.3.5.2	1014.2.3.2	CCC10 - #G12, E104-09/10
407.4.3.5.3	1014.2.3.3	CCC10 - #G12, E104-09/10
407.4.3.6	1014.2.4	CCC10 - #G12, E104-09/10
407.4.3.6.1	1014.2.4.1	CCC10 - #G12, E104-09/10
407.4.3.6.2	1014.2.4.2	CCC10 - #G12, E104-09/10
407.5	407.4	G65-09/10
407.5.1	407.4.1	G65-09/10
407.6	407.5	G65-09/10
407.8	407.7	G65-09/10
407.9	407.8	G65-09/10
408.3.8		E5-09/10 Part I
410		G67-09/10
410.2		G67-09/10
410.3.2		E5-09/10 Part I, G68-09/10
Deleted	410.5.3	G67-09/10
410.6 (New)		G67-09/10
410.6.1 (New)		G67-09/10
410.6.2 (New)		G67-09/10
410.6.3 (New)		G67-09/10
410.6.3.1 (New)		G67-09/10
410.6.3.2 (New)		G67-09/10
410.6.3.3 (New)		G67-09/10
410.6.3.4 (New)		G67-09/10
410.6.3.5 (New)		G67-09/10

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CHAPTER 4 (continued)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
[F] 410.7	[F] 410.6	IBC3-09 CCC, G67-09/10, G70-09/10
412.3	412.3.1	CCC10 - #G12
[F] 412.4.6.2		CCC10 - #G29, G71-09/10
[F] 414.5		G72-09/10
Deleted	[F] 414.5.3	G72-09/10
[F] 414.5.3	[F] 414.5.4	CCC10 - #G16, G72-09/10
[F] 414.7.2		E5-09/10, Part I
NOTE: Section 415 has been completely reorganized from the 2009 code; therefore the sections listed below are only those with additional changes.		
[F] 415		CCC10 #G15
[F] 415.3 (New)		G72-09/10
Deleted	[F] Table 415.3.1	G73-09/10
[F] 415.5.1.1	[F] 415.3.1	CCC10 - #G15, G73-09/10
[F] 415.5.1.4	[F] 415.3.1	CCC10 - #G15, G73-09/10
[F] 415.5.2	[F] 415.3.2	CCC10 - #G15, G72-09/10
[F] Table 415.5.2	[F] Table 415.3.2	CCC10 - #F5, CCC10 – #G15, G72-09/10
[F] 415.5.2.1 (New)		G74-09/10
[F] 415.7	[F] 415.5	CCC10 - #G14,G72-09/10, G74-09/10
[F] 415.7.1 (New)		G74-09/10
[F] 415.7.2 (New)		G74-09/10
[F] 415.7.3 (New)		G74-09/10
[F] 415.7.4 (New)		G74-09/10
[F] 415.10	[F] 415.8 & 415.8.1	CCC10 - #G15, G72-09/10
[F] Table 415.10.1.1.1…	[F] Table 415.8.2.1.1	CCC10 - #G15, F165-09/10, G72-09/10
[F] 415.10.2	[F] 415.8.3	IBC3-09 CCC, CCC10 - #G15, G72-09/10, F167-09/10
[F] 415.10.3	[F] 415.8.4 & 415.8.4.1	CCC10 - #G15, G72-09/10
[F] 415.10.3.5.2	[F] 415.8.4.5.2	E5-09/10 Part I
[F] 415.10.4	[F] 415.8.5 & 415.8.5.1	CCC10 – #G15, G72-09/10
[F] 415.10.5.2	[F] 415.8.5.2.2	CCC10 - #G15, G72-09/10, G75-09/10
[F] 415.10.6	[F] 415.8.6 & 415.8.6.1	CCC10 - #G15,
[F] 415.10.11	[F] 415.8.11 & 415.8.11.1	CCC10 - #G15, G72-09/10
416.1		F155-09/10
416.2.2 (New)		F155-09/10
419.1		G1-09/10
419.3		G79-09/10
Deleted	419.3.2	G79-09/10
419.3.3	419.3.2	G79-09/10
Deleted	419.3.4	G79-09/10
419.7		G79-09/10
419.9 (New)		G80-09/10
420.4 (New)		CCC IBC5-09
420.5 (New)		CCC IBC5-09
422		G15-09/10
422.1		G15-09/10
422.2 (New)		G15-09/10
422.3	422.2	G15-09/10
422.4	422.3	G15-09/10
[F] 422.7	[F] 422.6	G15-09/10
424.1	402.12.	FS139-09/10
424.2	402.12.1	IBC4-09 CCC, FS139-09/10, F58-09/10
[F] 424.3	402.12.2	FS139-19/10
424.4	402.12.3	FS139-09/10, G31-09/10
424.5	402.12.4	FS139-09/10

CHAPTER 5
GENERAL BUILDING HEIGHTS AND AREAS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
[F] 501.2		F18-09/10
Table 503		G90-09/10
505.1 (New)		G93-09/10
505.2.1	505.2	G93-09/10
505.2.2	505.3	G95-09/10
506.2.1		G96-09/10, G97-09/10, G98-09/10
507.1		G96-09/10, G101-09/10
507.3		G102-09/10
507.8.1 (New)		G104-09/10
507.8.1.1 (New)		G104-09/10
507.8.1.1.1 (New)		G104-09/10
507.8.1.1.2 (New)		G104-09/10
507.8.1.1.3 (New)		G104-09/10
507.8.2 (New)		G104-09/10
507.8.3 (New)		G104-09/10
507.8.4 (New)		G104-09/10
508.1		G74-09/10, G107-09/10
508.2.4		G107-09/10
Table 508.4		IBC9-09 CCC, CCC10 - #G19, G119-09/10, G122-09/10
Section 509 Incidental Uses (New)		G107-09/10
509	508.2.5	G107-09/10
Table 509	Table 508.2.5	F1-09 CCC, IBC3-09 CCC, CCC10 - #G22, G43-09/10, G107-09/10, G113-09/10
509.1	508.2.5	IBC3-09 CCC, CCC10 - #G22, G107-09/10
509.2 (New)		G107-09/10
509.3 (New)		G107-09/10
509.4 (New)		G107-09/10
509.4.1	508.2.5.1	G107-09/10
509.4.2	508.2.5.2	IBC3-09 CCC, G107-09/10
509.4.2.1	508.2.5.3	IBC3-09 CCC, G107-09/10
510.9	509.9	G107-09/10, G133-09/10

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CHAPTER 6
TYPES OF CONSTRUCTION

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
Table 602		G208-09/10

CHAPTER 7
FIRE AND SMOKE PROTECTION FEATURES

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
701.2 (New)		FS2-09/10
702.1		FS56-09/10
Fire-Rated Glazing (New)		FS107-09/10
FIRE SEPARATION DISTANCE		IBC50-09 CCC
JOINT		FS3-09/10, FS56-09/10
L RATING		FS77-09/10
MEMBRANE PENETRATION		FS56-09/10
Membrane-Penetration Firestop System (New)		FS56-09/10
THROUGH PENETRATION		FS56-09/10
Through Penetration Firestop System		FS56-09/10
703.4 (New)		FS4-09/10
703.5	703.4	FS4-09/10
703.5.1	703.4.1	FS4-09/10
703.5.2	703.4.2	FS4-09/10
703.6	703.5	FS4-09/10, FS101-09/10, FS107/09/10
703.7	703.6	FS4-09/10, FS7-09/10
704.2		FS9-09/10
704.11		FS10-09/10
705.2		IBC12-09CCC, FS12-09/10, E5-09/10 Part I
Table 705.2 (New)		FS12-09/10
705.2.3		FS13-09/10, FS16-09/10, CCC10 - #FS1
705.3		FS15-09/10
705.6		FS17-09/10
Table 705.8		IBC13-09 CCC
705.8.1		IBC14-09 CCC
706.2		FS23-09/10
706.6		FS27-09/10
706.6.2 (New)		FS27-09/10
707.3.2		E5-09/10 Part I
707.3.3 (New)		E5-09/10 Part I
707.3.7	707.3.6	CCC10 - #G20
707.4		E5-09/10 Part I
707.5		FS81-09/10
707.5.1		E5-09/10 Part I
707.6		E5-09/10 Part I
707.7.1		E5-09/10 Part I
707.8		FS33-09/10, FS891-09/10
707.9 (New)		FS81-09/10
707.10	707.9	FS81-09/10
708.1	709.1	CCC10 - #G10
708.4	709.4	CCC10 - #G10, FS57-09/10, FS192-09/10
708.5	709.5	E5-09/10
708.8		FS36-09/10
709.4	710.4	CCC10- #FS2, FS56-09/10, FS61-09/10
709.5	710.5	FS56-09/10, G15-09/10
710.5	711.5	FS63-09/10
710.5.1 (New)		FS63-09/10
710.5.2 (New)		FS63-09/10
710.5.2.1	711.5.1	FS63-09/10
710.5.2.2	711.5.2	FS63-09/10
710.5.2.3	711.5.3	FS63-09/10
710.6	711.6	FS63-09/10
710.7 (New)		FS63-09/10
710.8	711.7	FS63-09/10
711.4	712.4	E5-09/10 Part I, FS56-09/10
711.4.1 (New)		FS56-09/10
711.5	712.5	FS56-09/10
712.1	708.1	FS56-09/10
Deleted	708.2	FS56-09/10
712.1.1 (New)		FS56-09/10
712.1.2	708.2 (Exc 1)	FS56-09/10
712.1.3	708.2 (Exc 2)	E5-09/10, FS56-09/10
712.1.3.1	708.2 (Exc 2.1)	FS56-09/10
712.1.3.2	708.2 (Exc 2.2)	FS56-09/10
712.1.4	708.2 (Exc 3)	IBC15-09 CCC, FS56-09/10
712.1.5	708.2 (Exc 4)	FS56-09/10
712.1.6	708 2 (Exc 5)	FS56-09/10
712.1.7	708.2 (Exc 6)	FS56-09/10
712.1.8	708.2 (Exc 7)	E5-09/10, FS56-09/10
712.1.9	708.2 (Exc 8)	FS56-09/10
712.1.10	708.2 (Exc 9)	FS56-09/10
712.1.11	708.2 (Exc 10)	FS56-09/10
712.1.12	708.2 (Exc 11)	E5-09/10, FS56-09/10
712.1.13	708.2 (Exc 12)	FS56-09/10
712.1.14	708.2 (Exc 13)	E5-09/10, FS56-09/10
712.1.15	708.2 (Exc 14)	FS56-09/10
712.1.16	708.2 (Exc 15)	FS56-09/10
712.1.17 (New)		FS56-09/10
712.1.18	708.2 (Exc 16)	FS56-09/10
713.1 (New)		E5-09/10 Part I, FS56-09/10
713.2 (New)		E5-09/10 Part I
713.6	708.6	E5-09/10 Part I
713.8	708.8	FS36-09/10
713.11	708.11	IBC3-09 CCC
713.13	708.13	FS37-09/10
713.13.1	708.13.1	FS191-09/10
713.13.2	708.13.2	FS191-09/10
713.13.3	708.13.3	FS191-09/10
713.13.4	708.13.4	FS38-09/10, FS191-09/10
713.14.1	708.14.1	CCC IBC16-09, FS46-09/10, FS47-09/10, FS49-09/10
714.3	713.3	FS56-09/10
714.4	713.4	FS56-09/10

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714.4.1	713.4.1	FS56-09/10
714.4.1.1.2	713.4.1.1.2	FS69-09/10
714.4.1.2	713.4.1.2	FS56-09/10, FS75-09/10
Deleted	713.4.1.3	IBC17-09 CCC, FS56-09/10
714.5	713.5	FS77-09/10
715.1	714.1	FS82-09/10
715.1.1 (New)		FS82-09/10
715.2	714.2	FS84-09/10
715.4	714.4	FS87-09/10, FS88-09/10
715.6	714.6	FS77-09/10
716.2	715.2	FS107-09/10
716.3 (New)		FS107-09/10
Table 716.3 (New)		FS107-09/10
716.3.1 (New)		FS107-09/10
Table 716.5	Table 715.4	E5-09/10 Part I, FS107-09/10
716.5.1	715.4.1	FS107-09/10
716.5.2	715.4.2	FS39-09/10
716.5.5	715.4.4	E5-09/10 Part I Part I
716.5.5.1	715.4.4.1	FS100-09/10
716.5.6	715.4.5	FS107-09/10
716.5.7.1	715.4.6.1	E5-09/10 Part I, FS107-09/10
716.5.7.1.1 (New)		FS107-09/10
716.5.8.1	715.4.7.1	FS107-09/10
716.5.8.1.1 (New)		FS107-09/10
716.5.8.1.2 (New)		FS107-09/10
716.5.8.1.2.1 (New)		FS107-09/10
716.5.8.1.2.2 (New)		FS107-09/10
716.5.8.2	715.4.7.2	E5-09/10 Part I
716.5.8.3	715.4.7.3	FS101-09/10, FS107-09/10
716.5.8.3.1	715.4.7.3.1	FS107-09/10
716.5.9	715.4.8	FS39-09/10, FS56-09/10, FS107-09/10
716.5.9.1	715.4.8.1	FS107-09/10
716.5.9.1.1 (New)		FS39-09/10
716.5.9.3	715.4.8.3	FS39-09/10, FS107-09/10
716.6	715.5	FS102-09/10, FS103-09/10, FS107-09/10
Table 716.6.	Table 715.5	FS107-09/10
716.6.1	715.5.1	FS107-09/10
716.6.2	715.5.2	FS107-09/10
716.6.3	715.5.3	FS107-09/10
Deleted	715.5.4	FS103-09/10
Deleted	Table 715.5.4	FS103-09/10
716.6.4	715.5.5	FS103-09/10, FS107-09/10
716.6.5	715.5.6	FS107-09/10
716.6.6	715.5.7	FS107-09/10
716.6.7.1	715.5.8.1	FS107-09/10
716.6.7.2	715.5.8.2	FS102-09/10
716.6.7.3 (New)		FS107-09/10
716.6.8	715.5.9	FS101-09/10, FS107-09/10
Deleted	715.5.9.1	FS107-09/10
717.1	716.1	IBC18-09 CCC
717.3.1	716.3.1	FS109-09/10
717.3.2.2	716.3.2.2	FS110-09/10
717.3.2.3	716.3.2.3	FS110-09/10
717.5.2	716.5.2	E5-09/10 Part I
717.5.4	716.5.4	CCC10 - #G10, FS114-09/10
718.2.1	717.2.1	FS118-09/10
718.2.6	717.2.6	FS119-09/10
718.3.2	717.3.2	FS120-09/10
718.4.2	717.4.2	FS121-09/10
Table 721.1(2)	Table 720.1(2)	FS125-09/10, FS126-09/10
Table 722.5.1(1)	Table 721.5.1(1)	IBC19-09 CCC
Figure 722.5.1(2)	Figure 721.5.1(2)	S222-09/10
Figure 722.5.1(3)	Figure 721.5.1(3)	S222-09/10
Table 722.5.1(4)	Table 721.5.1(4)	IBC19-09 CCC
Table 722.6.2(1)	Table 721.6.2(1)	FS131-09/10
722.6.2.3	721.6.2.3	FS132-09/10

CHAPTER 8
INTERIOR FINISHES

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
801.5		S92-09/10
801.7		IBC14-09 CCC
803.1.2.1		IBC20-09 CCC
803.1.3.1		IBC21-09 CCC
Table 803.9		E5-09/10 Part I
803.11		FS135-09/10
803.11.1		CCC10- #FS3
803.11.1.1 (New)		CCC10 - #FS3, FS135-09/10
803.11.2		FS135-09/10
803.11.2.1 (New)		FS135-09/10
803.11.4		FS135-09/10
803.12		FS136-09/10
803.13		IBC22-09 CCC
804.4		CCC10 - #FS4, FS138-09/10
804.4.1 (New)		CCC10 - #FS4, FS137-09/10

CHAPTER 9
FIRE PROTECTION SYSTEMS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
804.4.2		CCC10 - #FS4, E5-09/10 Part I, FS138-09/10
901.6.3		IBC3-09 CCC
901.8 (New)		F62-09/10
[F] 903.2.2		F68-09/10, G15-09/10
[F] 903.2.4		G84-09/10

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CHAPTER 9 (continued)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
[F] 903.2.6		F70-09/10, G16-09/10, G20-09/10
[F] 903.2.7		F69-09/10
[F] 903.2.8.1 (New)		CCC10 - #F4, G20-09/10
[F] 903.2.8.2 (New)		CCC10 - #F4, G20-09/10
[F] 903.2.9		F69-09/10
[F] 903.2.11		F74-09/10
[F] 903.2.11.1		F75-09/10
[F] 903.2.11.1.3		F76-09/10
[F] 903.2.11.2		F77-09/10
[F] Table 903.2.11.6		CCC10 - #G10, CCC10 - #G20
903.3.1.2		G20-09/10
[F] 903.3.1.3		F11-09 CCC, G20-09/10
[F] 903.3.2		G15-09/10, G20-09/10
[F] 904.3.2		F88-09/10
[F] 905.3		F243-09/10
[F] 905.3.2		CCC10 - #G4
[F] 905.3.3		G31-09/10
[F] 905.3.6		F92-09/10
[F] 905.3.8 (New)		F8-09/10
[F] 905.4		CCC10 - #G10, F93-09/10, G31-09/10
[F] 906.1		IBC23-09 CCC, F94-09/10, F95-09/10
[F] 907.2.1		F100-09/10
[F] 907.2.1.2 (New)		F105-09/10
[F] 907.2.2		G15-09/10
[F] 907.2.2.1		G15-09/10
[F] 907.2.3		F107-09/10
[F] 907.2.5		F13-09 CCC
[F] 907.2.6		F14-09 CCC, G20-09/10
[F] 907.2.6.2		G20-09/10
[F] 907.2.6.3.1		IBC3-09 CCC
[F] 907.2.7		CCC10 - #G10
[F] 907.2.9.3 (New)		F109-09/10
[F] 907.2.11.3		F114-09/10 Part I, F115-09 Part I
[F] 907.2.12.1		F118-09/10
[F] 907.2.13		F15-09 CCC, F16-09 CCC, CCC10 - #G4
[F] 907.2.13.1.1		F17-09 CCC, F119-09/10
[F] 907.2.20		CCC10 - #G10, G31-09/10
[F] 907.4.2.6 (New)		F123-09/10
[F] 907.5.2.1		F124-09/10
[F] 907.5.2.1.1		F125-09/10
[F] 907.5.2.2.4 (New)		F105-09/10
[F] 907.5.2.3.4		E151-09/10, F128-09/10
[F] 907.6.5.2 (New)		F64-09/10
[F] 907.7.1 (New)		F133-09/10
[F] 908.7 (New)		F133-09/10
[F] 909.5		E5-09/10 Part II
[F] 909.11.1		F20-09 CCC
[F] 909.13.1		F140-09/10
[F] 909.19		F141-09/10
909.21	708.14.2	IBC 16-09 CCC
909.21.1	708.14.2.1	IBC 16-09 CCC
909.21.2	708.14.2.2	IBC 16-09 CCC
909.21.3	708.14.2.3	IBC 16-09 CCC
909.21.4	708.14.2.4	IBC 16-09 CCC
909.21.4.1	708.14.2.4.1	IBC 16-09 CCC
909.21.4.2	708.14.2.4.2	IBC 16-09 CCC
909.21.4.3	708.14.2.4.3	IBC 16-09 CCC
909.21.4.4	708.14.2.4.4	IBC 16-09 CCC
909.21.5	708.14.2.5	IBC 16-09 CCC
909.21.6	708.14.2.6	IBC 16-09 CCC
909.21.7	708.14.2.7	IBC 16-09 CCC
909.21.8	708.14.2.8	IBC 16-09 CCC
909.21.9	708.14.2.9	IBC 16-09 CCC
909.21.10	708.14.2.10	IBC 16-09 CCC
909.21.11	708.14.2.11	IBC 16-09 CCC
[F] 910.2		F23-09/10
[F] 911.1.5		F25-09/10

CHAPTER 10
MEANS OF EGRESS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
1001.4 (New)		E1-09/10
1003.5		E9-09/10
1004.1		E10-09/10
1004.1.1 (New)		E10-09/10
1004.1.1.1 (New)		E10-09/10
1004.1.1.2	1004.6	E10-09/10
1004.1.2	1004.1.1	E10-09/10, E11-09/10, E12-09/10
Table 1004.1.2	Table 1004.1.1	E10-09/10, E12-09/10, E14-09/10, E16-09/10
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1004.4	1004.7	E10-09/10, E18-09/10
Deleted	1004.5	E10-09/10, E22-09/10
1004.5	1004.8	E10-09/10
1004.6	1004.9	E10-09/10
1005.1 (New)		E22-09/10
1005.2	1005.1	E21-09/10, E22-09/10
Deleted	1005.3	E24-09/10
1005.3 (New)		E22-09/10
1005.3.1 (New)		E22-09/10
1005.3.2 (New)		E22-09/10
1005.4 (New)		E22-09/10
1005.5 (New)		E22-09/10
1005.6	1004.6	E22-09/10
1005.7	1005.2	E24-09/10
1005.7.1	1005.2.	E24-09/10
1005.7.2 (New)		E24-09/10
1005.7.3 (New)		E24-09/10
1006.3		E5-09/10 Part I, E28-09/10
1006.3.1	1006.4	E28-09/10
1007.2		E5-09/10 Part I, E36-09/10, E37-09/10
1007.3		E5-09/10 Part I
1007.6		E5-09/10 Part I

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1007.6.2		E5-09/10 Part I
1007.7		E37-09/10
1007.7.1 through 1007.7.4 (New)		E37-09/10
1007.7.5	1007.7.1	E38-09/10
1007.7.6	1007.7.2	E5-09/10 Part I, E38-09/10
1007.8		E5-09/10 Part I
1007.9		E151-09/10
1008.1.2		E53-09/10
1008.1.7		E58-09/10, E59-09/10
1008.1.9.6		G65-09/10
1008.1.9.8	1008.1.4.4	E56-09/10
1008.1.9.9	1008.1.9.8	E65-09/10
1008.1.9.11	1008.1.9.10	E196-09/10, E197-09/10
1009.1 through 1009.3.1.8 (New)		E5-09/10 Part I, E67-09/10
1009.4	1009.1	E5-09/10 Part I
1009.7.2	1009.4.2	E73-09/10
1009.7.5	1009.4.5	E75-09/10
1009.7.5.1 (New)		E75-09/10
1009.7.5.2 (New)		E75-09/10
1009.7.5.3 (New)		E75-09/10
1009.8	1009.5	E76-09/10
1009.10	1009.7	E5-09/10 Part I, G67-09/10
1009.13.2	1009.10.2	E79-09/10
1009.15	1009.12	E80-09/10
1010.2 (New)		E5-09/10 Part I
1010.3	1010.2	E140-09/10
1010.8	1010.7	E5-09/10 Part I
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1011.2 (New)		E91-09/10
1011.3	1011.2	E91-09/10
1011.4	1011.3	E91-09/10, E151-09/10
1011.5	1011.	E91-09/10
1011.6	1011.5	E91-09/10
1011.6.1	1011.5.1	E91-09/10
1011.6.2	1011.5.2	E91-09/10
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1012.8		E99-09/10
1013.1 (New)		FS154-09/10
1013.2	1013.1	FS154-09/10
1013.2.1	1013.1.1	FS154-09/10
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1013.8 (New)		FS154-09/10
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Deleted	1014.2.3	CCC10 - #G12
Deleted	1014.2.4	CCC10 - #G12
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1015.1		CCC10 - #G12, E104-09/10, G16-09/10
Table 1015.1		E104-09/10, G16-09/10
1015.2.1		E5-09/10 Part I
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1016.2 (New)		E5-09/10 Part I
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1017.1		CCC10 - #E4, E24-09/10, E140-09/10
1017.2 (New)		CCC10 - #E4
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Deleted	Table 1021.1	E5-09/10 Part I
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Deleted	1021.1.2	E5-09/10 Part I
Deleted	1021.1.3	E5-09/10 Part I
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1021.2.4 (New)		E5-09/10 Part I
1021.2.5 (New)		E5-09/10 Part I
1021.3		CCC10 - #E5, E5-09/10 Part I
1021.3.1 (New)		E5-09/10 Part I
Deleted	1021.4	E5-09/10 Part I
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1022.3	1022.2	E5-09/10 Part I
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1022.7	1022.6	E5-09/10 Part I
1022.8	1022.7	E5-09/10 Part I
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1023.5		E5-09/10 Part I
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1024.2.1		CCC IBC26-09
1024.2.4 through 1024.2.4.2		E5-09/10 Part I
1024.2.6		E5-09/10 Part I, E126-09/10
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1026.2		CCC10 - #G4
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1026.6		E5-09/10 Part I, E134-09/10
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1027.4	1027.5	E139-09/10
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1027.4.2	1027.5.2	E139-09/10
1027.5	1027.6	E139-09/10
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1028.1.1.1 (New)		E142-09/10
1028.2		E140-09/10
1028.3		E140-09/10
1028.5		E140-09/10
Deleted	1028.5.1	E5-09/10 Part I
1028.6.2		E140-09/10
Table 1028.6.2		E140-09/10
1028.6.3		E140-09/10
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1028.10.1.1	1017.4.1	E140-09/10
1028.10.1.2	1017.4.3	E140-09/10
1028.10.2	1028.10	E140-09/10
1028.10.2.1	1028.10.1	E140-09/10
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1104.3.1		E162-09/10
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1107.5.3		G20-09/10
1107.6.1.1		E170-09/10
1107.6.1.1.1 (New)		E170-09/10
1108.2		E140-09/10, E174-09/10
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1108.2.3		E151-09/10
1108.2.4		E140-09/10
1108.2.7		E140-09/10
1108.2.7.1		E140-09/10
1108.2.7.2 (New)		E175-09/10
1108.2.7.3	1108.2.7.2	E176-09/10
Deleted	1108.2.7.2.1	E176-09/10
Deleted	1108.2.7.2.2	E176-09/10
1108.2.9		E177-09/10
1108.4.1.1		E151-09/10
1108.4.1.2		E151-09/10
1108.4.1.4		E151-09/10
1108.4.1.5		E151-09/10
1109.1		E151-09/10
1109.2		E181-09/10
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1109.2.2		E151-09/10
1109.2.3		E151-09/10
1109.3		E151-09/10
1109.4		E151-09/10
1109.5.1		E184-09/10
1109.5.2		E184-09/10
1109.6 (New)		CCC10 - #E1, E186-09/10
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1109.9	1109.8	E188-09/10
1109.9.1	1109.8.1	E188-09/10
Deleted	1109.8.3	E188-09/10
1109.14	1109.13	E151-09/10
1110.1		CCC10 - #E6
1110.3		E5-09/10 Part I
1110.4 (New)		E193-09/10
1110.4.1 (New)		E193-09/10
1110.4.2 (New)		E193-09/10

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CHAPTER 12
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1208.3		CCC10 - #G16, G148-09/10
1210		CCC IBC28-09
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CHAPTER 14
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High-pressure decorative exterior-grade compact laminate (HPL) system (New)		FS164-09/10
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Porcelain tile (New)		FS145-09/10
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1405.10.1.3 (New)		FS151-09/10
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1407.11.3.3 (New)		FS163-09/10
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1407.11.4 (New)		FS163-09/10
1407.11.4.1 (New)		FS163-09/10
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CHAPTER 15
ROOF ASSEMBLIES AND ROOF STRUCTURES

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Table 1504.8		CCC10 - #S1, S84-09/10
1505.2		S226-09/10
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Table 1507.2.7.1(1)		CCC10 - #S1, S84-09/10
Table 1507.2.7.1(2)		CCC10 - #S1, S84-09/10
1507.2.8.1		S15-09/10, S84-09/10
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1507.5.3.1 (New)		S15-09/10
1507.6.3.1 (New)		S15-09/10
1507.7.3.1 (New)		S15-09/10
1507.8.3.1 (New)		S15-09/10
1507.9.3.1 (New)		S15-09/10
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CHAPTER 16
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HELIPAD		S69-09/10
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1605.1		IBC30-09 CCC, S48-09/10
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1605.3.2		S84-09/10
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1607.4		IBC32-09 CCC, S67-09/10
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1607.8.1.2	1607.7.1.2	S67-09/10, S71-09/10
1607.8.2	1607.7.2	S67-09/10, S71-09/10
1607.8.3	1607.7.3	S67-09/10, S71-09/10, S73-09/10
1607.9	1607.8	IBC32-09 CCC, S67-09/10, S75-09/10
1607.9.1	1607.8.1	IBC32-09 CCC, S75-09/10
Deleted	1607.9.1.4	S60-09/10
Deleted	1607.9.1.5	S77-09/10
1607.9.2	1607.8.2	IBC32-09 CCC, S75-09/10
1607.10	1607.9	IBC32-09 CCC, S77-09/10
1607.10.1	1607.9.1	IBC32-09 CCC, S60-09/10, S67-09/10
1607.10.2	1607.9.2	IBC32-09 CCC, S60-09/10
1607.11	1607.10	S67-09/10
1607.12.2	1607.11.2	S77-09/10, S80-09/10
1607.12.2.1	1607.11.2.1	S67-09/10, S77-09/10
1607.12.3	1607.12.2.2	S60-09/10, S67-09/10, S77-09/10, S80-09/10
1607.12.3.1	1607.11.3	S80-09/10
1607.13.3	1607.12.3	S67-09/10
1608.3 (New)		S83-09/10
Deleted	Figure 1609	S84-09/10
Figure 1609A (New)		S84-09/10
Figure 1609B (New)		S84-09/10
Figure 1609C (New)		S84-09/10
1609.1.1		CCC10 - #S3, S84-09/10, S85-09/10
Deleted	1609.1.1.2	S84-09/10
Deleted	1609.1.1.2.1	S84-09/10
Deleted	1609.1.1.2.2	S84-09/10
1609.1.2		S41-09/10, S84-09/10
1609.1.2.1		S227-09/10
1609.1.2.2 (New)		S84-09/10
1609.3		S84-09/10
1609.3.1		S84-09/10
Table 1609.3.1		S84-09/10
1609.4.2		S84-09/10
1609.4.3		S84-09/10
1609.5		IBC30-09 CCC
1609.5.3		S84-09/10
1609.6		S84-09/10
1611.2		S83-09/10
1612.5		S93-09/10

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CHAPTER 16 (continued)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
1613.2		S97-09/10
Deleted	1613.3	IBC33-09 CCC
Deleted	1613.4	S129-09/10
Figure 1613.3.1(1)	Figure 1613.5(1)	S97-09/10
Figure 1613.3.1(2)	Figure 1613.5(2)	S97-09/10
Figure 1613.3.1(3)	Figure 1613.5(3)	S97-09/10
Figure 1613.3.1(4)	Figure 1613.5(4)	S97-09/10
Figure 1613.3.1(5)	Figure 1613.5(5)	S97-09/10
Figure 1613.3.1(6)	Figure 1613.5(6)	S97-09/10
Deleted	Figures 1613.5(7) through 1613.5(14)	S97-09/10
1613.3.1	1613.5.1	S97-09/10
1613.3.2	1613.5.2	S98-09/10
Deleted	Table 1613.5.2	S98-09/10
Deleted	1613.5.5	S98-09/10
Deleted	Table 1613.5.5	S98-09/10
Deleted	1613.5.5.1	S98-09/10
1613.3.5	1613.5.6	S41-09/10
Table 1613.3.5(1)	Table 1613.5.6(1)	IBC34-09 CCC, S41-09/10
Table 1613.3.5(2)	Table 1613.5.6(2)	S41-09/10
Deleted	1613.6.1	S100-09/10
Deleted	1613.6.3	S101-09/10
Deleted	1613.6.4	S102-09/10
Deleted	1613.6.5	S103-09/10
Deleted	1613.6.6	S104-09/10
Deleted	1613.6.7	S105-09/10
Deleted	1613.6.8	S106-09/10
Deleted	1613.7	S44-09/10
1614 (New)		S109-09/10
1614.1 (New)		S109-09/10
1615.1	1614.1	S41-09/10

CHAPTER 17
SPECIAL INSPECTIONS AND TESTS
(IBC35-09 CCC)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
DESIGNATED SEISMIC SYSTEM		S133-09/10
FABRICATED ITEM		S43-09/10
SPECIAL INSPECTION		S111-09/10
Continuous special inspection		S111-09/10
Periodic special inspection		S111-09/10
SPECIAL INSPECTOR (New)		S113-09/10
1703.4		S43-09/10
1703.5.4 (New)		FS101-09/10
1704		S116-09/10
1704.2	1704.1	S113-09/10, S116-09/10, S117-09/10, S118-09/10
1704.2.1 (New)		CCC10 - #S4, S116-09/10
1704.2.2 (New)		S119-09/10
1704.2.3	1704.1.1	S117-09/10, S118-09/10, S120-09/10
1704.2.5.1	1704.2.1	S116-09/10
1704.2.5.2	1704.2.2	S116-09/10
Deleted	1705	S116-09/10
1704.3	1705.1	S120-09/10, S129-09/10
1704.3.1	1705.2	S129-09/10
Deleted	1705.3	S129-09/10
1704.3.2	1705.3.6	S132-09/10
1704.3.3	1705.4.1	S132-09/10
1704.5.1	1710.2	IBC37-09 CCC, S41-09/10, S116-09/10
1704.5.2	1710.3	S84-09/10
1705.1(New)		S116-09/10
1705.2	1704.3	S116-09/10, S121-09/10
Deleted	1704.3.1.1	S121-09/10
Deleted	1704.3.2.	S121-09/10
Deleted	1704.3.3.1	S121-09/10
Deleted	1704.3.3.2	S121-09/10
Deleted	1704.3.3.3	S121-09/10
1705.2.1 (New)		S121-09/10
1705.2.2 (New)		S121-09/10
Table 1705.2.2	Table 1704.3	S121-09/10
1705.2.2.2	1704.3.4	S121-09/10
1705.3	1704.4	S116-09/10
Table 1705.3	Table 1704.4	S116-09/10, S122-09/10
1705.3.1		IBC37-09 CCC
1705.4	1704.5	S41-09/10, S116-09/10, S123-09/10
1705.4.1	1704.5.1	S41-09/10, S116-09/10, S123-09/10
Deleted	Table 1704.5.1	S123-09/10
Deleted	1704.5.2	S123-09/10
Deleted	1704.5.3	S123-09/10
Deleted	Table 1704.5.3	S123-09/10
1705.4.4	1704.11	S116-09/10
1705.5	1704.6	S116-09/10
1705.5.1	1704.6.1	S116-09/10, S208-09/10
1705.5.2	1704.6.2	S116-09/10
1705.6	1704.7	S116-09/10
Table 1705.6	Table 1704.7	S116-09/10
1705.6.1	1704.1.5	S116-09/10
Table 1705.7	Table 1704.8	S116-09/10
Table 1705.8	Table 1704.9	S116-09/10
Deleted	1706	S116-09/10
1705.7	1704.8	S116-09/10
1705.8	1704.9	S116-09/10
Deleted	1705.3	S134-09/10
Deleted	1705.3.1	S129-09/10
Deleted	1705.3.3	S129-09/10
Deleted	1705.3.4	S129-09/10
Deleted	1705.3.5	S129-09/10
Deleted	1705.3.6	S129-09/10
Deleted	1705.4	S129-09/10
Deleted	1705.4.2	S129-09/10
1705.10	1706.1	S84-09/10, S116-09/10
1705.11	1707.1	IBC37-09 CCC, S116-09/10, S129-09/10, S133-09/10, S134-09/10

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2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
Deleted	1707	S116-09/10
1705.11.1	1707.2	S136-09/10
Deleted	1707.5	S133-09/10
1705.11.4	1707.8	S116-09/10, S133-09/10
1705.11.5.1 (New)		S133-09/10
1705.11.6	1707.7	S40-09/10, S133-09/10
1705.11.7 (New)		S133-09/10
1705.11.8	1707.9	S133-09/10
Deleted	1708	S116-09/10
1705.12	1708.1	IBC37-09 CCC, S116-09/10, S129-09/10, S137-09/10
1705.12.1	1708.2	IBC37-09 CCC
1705.12.2	1708.3	S138-09/10
1705.12.3	1708.4	S137-09/10
1705.12.4	1708.5	S137-09/10
1705.13	1704.12	S116-09/10
1705.13.4	1704.12.4	S116-09/10
1705.13.4.1	1704.12.4.1	S116-09/10
1705.13.4.2	1704.12.4.2	IBC36-09 CCC
1705.13.6	1704.12.6	S116-09/10
1705.13.6.1	1704.12.6.1	IBC36-09 CCC
Deleted	1709	S116-09/10
Deleted	1710	S116-09/10
1705.16 (New)		CCC10 - #G4, S127-09/10, S128-09/10
1705.16.1 (New)		S127-09/10, S128-09/10
1705.16.2 (New)		S127-09/10, S128-09/10
1706.2	1711.2	S116-09/10
1707.1		IBC37-09 CCC
1708.1	1713.1	S116-09/10
1709	1714	S116-09/10
1709.1	1714.1	S116-09/10
1709.2	1714.2	S43-09/10, S116-09/10
1709.3	1714.3	S116-09/10
1709.3.1	1714.3.1	S43-09/10, S116-09/10
1710	1715	S116-09/10
1710.1	1715.1	S43-09/10
1710.2	1715.2	S43-09/10, S116-09/10
1710.3	1715.3	S43-09/10, S116-09/10
1710.3.1	1715.3.1	S116-09/10
1710.5.1	1715.5.1	S116-09/10
1710.5.2	1715.5.2	S142-09/10
1710.6	1715.6	S144-09/10
1711	1716	S116-09/10
1711.1	1716.1	IBC30-09 CCC
1711.1.1	1716.1.1	IBC30-09 CCC
1711.1.2	1716.1.2	IBC30-09 CCC
1711.1.2.1	1716.1.4	IBC30-09 CCC, S116-09/10
1711.2	1716.2	IBC30-09 CCC
1711.2.2	1716.2.2	IBC30-09 CCC

CHAPTER 18
SOILS AND FOUNDATIONS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
1803.5.11		IBC37-09 CCC, S148-09/10
1803.5.12		IBC37-09 CCC, S148-09/10, S149-09/10
1807.3.2.1		IBC38-09 CCC
1809.5		S41-09/10
1809.13		IBC37-09 CCC
1810.3.2.1.1		IBC37-09 CCC
1810.3.3.1.6		S156-09/10
1810.3.8.2.2		IBC37-09 CCC
1810.3.8.2.3		IBC37-09 CCC
1810.3.8.3.2		IBC37-09 CCC
1810.3.8.3.3		IBC37-09 CCC
1810.3.9.4		S48-09/10
1810.3.9.4.1		IBC37-09 CCC
1810.3.9.4.2		IBC37-09 CCC
1810.3.11.1		IBC37-09 CCC
1810.3.11.2		IBC37-09 CCC, S48-09/10
1810.3.12		IBC37-09 CCC, S48-09/10
1810.3.13		IBC37-09 CCC

CHAPTER 19
CONCRETE

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
Deleted	1901.3	S160-09/10
1901.3	1901.4	S160-09/10
1903.3 (New)		S161-09/10
Deleted	1904.1	S160-09/10
1904.1	1904.2	S160-09/10
1904.2	1904.3	S160-09/10
Table 1904.2	Table 1904.3	S160-09/10
Figure 1904.2	Figure 1904.3	S160-09/10
Deleted	1904.4 through 1904.5	S160-09/10
1905.1.3	1908.1.3	S165-09/10
1905.1.8	1908.1.8	S166-09/10
1905.1.9	1908.1.9	S167-09/10, S168-09/10
Deleted	1905 through 1905.13	S160-09/10
Deleted	1906 through 1906.4	S160-09/10
1906.1	1909.1 and 1909.4	S160-09/10
Deleted	1907 through 1907.13	S160-09/10
Deleted	1909.1.1 through 1909.6.3	S160-09/10

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CHAPTER 21
MASONRY

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
Deleted	Bedded (Area, for masonry)	S173-09/10
BRICK		S174-09/10
COLLAR JOINT		S174-09/10
DIMENSIONS, Specified		S174-09/10
Deleted	CONNECTOR	S173-09/10
Deleted	COVER	S173-09/10
Deleted	DIMENSIONS, Actual	S173-09/10
Deleted	GROUTED MASONRY	S173-09/10
Deleted	HEIGHT, WALLS	S173-09/10
Deleted	MASONRY UNIT, (Clay)	S173-09/10
Deleted	MASONRY UNIT (Concrete)	S173-09/10
MORTAR		S174-09/10
Deleted	SHELL	S173-09/10
Deleted	TIE, LATERAL	S173-09/10
TIE, WALL		S174-09/10
Deleted	TILE	S173-09/10
WALL, Masonry-bonded hollow wall		S174-09/10
2101.2		S171-09/10
2101.2.7 (New)		S171-09/10
2101.3		S172-09/10
2102.1		S173-09/10
2103.5 (New)		S175-09/10
2105.2		IBC30-09 CCC
2105.2.2.1 (New)		IBC30-09 CCC
2105.2.2.2 (New)		IBC30-09 CCC
2106.1		IBC37-09 CCC
2107.2	2107.3	S177-09/10
2107.2.1 (New)		S177-09/10
2109.1.1		S41-09/10, S84-09/10
2109.3.1 (New)		IBC30-09 CCC
2109.3.2	2109.3.2.1	IBC30-09 CCC
2109.3.4 (New)		IBC30-09 CCC
Deleted	2109.3.4.1	IBC30-09 CCC
2109.3.4.1	2109.3.4.1.1	IBC30-09 CCC
2109.3.4.2 (New)		IBC30-09 CCC
2109.3.4.2.1	2109.3.4.1.2	IBC30-09 CCC
2111.3		IBC39-09 CCC
2111.4		IBC39-09 CCC
2113.1		S180-09/10
2113.3		IBC39-09 CCC
2113.4		IBC39-09 CCC
2113.9.1 (New)		S182-09/10
2113.9.2	2113.9.1	S182-09/10
2113.9.3 (New)		S182-09/10
2113.12		S183-09/10
2113.20		S181-09/10

CHAPTER 22
STEEL

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
2204.1		S231-09/10
2204.2		S231-09/10
2204.2.1		S184-09/10
Deleted	2205.3	????
Deleted	2205.3.1	S231-09/10
2205.1		S233-09/10
2205.2		S233-09/10
2205.2.1		S233-09/10
2205.2.2		S233-09/10
2206.1 (New)		S231-09/10
2206.2	2205.3	S231-09/10
2209.1		S186-09/10
2210.1		S189-09/10
2210.1.1		S189-09/10
2210.1.1.1		S189-09/10, S194-09/10
2210.1.1.2		S189-09/10
2210.2		S189-09/10
Deleted	2209.2.1	S188-09/10, S193-09/10
Deleted	2209.2.2.1	S194-09/10
2211.3	2210.3 & 2210.3.1	IBC30-09 CCC

CHAPTER 23
WOOD

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
STRUCTURAL COMPOSITE LUMBER		
Laminated strand lumber (LSL)		S196-09/10
Laminated veneer lumber (LVL)		S196-09/10
Oriented strand lumber (OSL)		S196-09/10
Parallel strand lumber (PSL)		S196-09/10
2303.1.1.1	2303.1.1	S198-09/10
2303.1.1.2	2303.1.1	S198-09/10
2303.1.4		S199-09/10, S200-09/10
2303.4 (New)		IBC30-09 CCC
2303.4.7		S43-09/10
2304.6.1		IBC40-09 CCC, S33-09/10
Table 2304.6.1		S84-09/10
2304.6.2		S199-09/10
2304.7 (New)		IBC30-09 CCC
2304.8 (New)		IBC30-09 CCC
2304.8.1		IBC30-09 CCC
2304.8.3 (New)		IBC30-09 CCC
2304.8.4 (New)		IBC30-09 CCC
2304.8.5 (New)		IBC30-09 CCC
2304.9 (New)		IBC30-09 CCC
2304.9.5		S203-09/10
2304.9.5.1		S203-09/10
2304.9.5.2		S203-09/10
2304.9.5.3		S203-09/10

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2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
2304.9.5.4		S203-09/10
2304.10 (New)		IBC30-09 CCC
2304.11 (New)		IBC30-09 CCC
2304.11.2.3		S195-09/10
2304.11.6		S205-09/10
2305.1		S208-09/10
2305.2		S208-09/10
2305.3		S208-09/10
2306.1		S208-09/10
2306.2 (New)		S208-09/10
Table 2306.2(1)	Table 2306.2.1(1)	S208-09/10, S210-09/10
Table 2306.2(2)	Table 2306.2.1(2)	S208-09/10
Deleted	2306.2.1	S208-09/10
Deleted	2306.2.2	S208-09/10
Deleted	2306.2.3	S208-09/10
Deleted	2306.3	S208-09/10
2306.3 (New)		S208-09/10
Table 2306.3(1)	Table 2306.3	S199-09/10, S208-09/10
Table 2306.3(2)	Table 2306.6	S208-09/10
Table 2306.3(3)	Table 2306.7	S208-09/10
Deleted	2306.4	S208-09/10
Deleted	2306.5	S208-09/10
Deleted	Table 2306.5	S208-09/10
Deleted	2306.6	S208-09/10
Deleted	2306.7	S208-09/10
2307.1		S208-09/10
Deleted	2307.1.1	S208-09/10
2308.2		IBC37-09 CCC, IBC39-09 CCC, S41-09/10, S84-09/10
2308.2.1		S84-09/10
2308.2.2		IBC37-09 CCC, IBC39-09 CCC
2308.3.2		S211-09/10
2308.3.2.1 (New)		S211-09/10
2308.3.2.2 (New)		S211-09/10
2308.5		IBC30-09 CCC
Table 2308.8(1)		IBC42-09 CCC
Table 2308.8(2)		IBC42-09 CCC
2308.9 (New)		IBC30-09 CCC
2308.9.2.3		S213-09/10
2308.9.4.1		IBC39-09 CCC
2308.9.5 (New)		IBC30-09 CCC
Table 2308.10.1		S84-09/10
Table 2308.10.2(1)		IBC42-09 CCC
Table 2308.10.2(2)		IBC42-09 CCC
Table 2308.10.3(1)		IBC42-09 CCC
Table 2308.10.3(2)		IBC41-09 CCC, IBC42-09 CCC
Table 2308.10.3(3)		IBC42-09 CCC
Table 2308.10.3(4)		IBC42-09 CCC
Table 2308.10.3(5)		IBC 42-09 CCC
2308.11		IBC37-09 CCC, IBC39-09 CCC
2308.11.1		IBC39-09 CCC
2308.11.2		IBC39-09 CCC, S208-09/10
2308.12		IBC39-09 CCC
2308.12.1		IBC37-09 CCC, IBC39-09 CCC
2308.12.2		IBC39-09 CCC, S208-09/10
2308.12.4		S215-09/10
Table 2308.12.4		S215-09/10, S216-09/10
2308.12.4.1 (New)		S216-09/10
2308.12.6		IBC39-09 CCC, S211-09/10
2308.12.9		IBC39-09 CCC

CHAPTER 24
GLASS AND GLAZING

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
2406.1		S218-09/10
2406.2		S219-09/10
2406.4		S218-09/10
Deleted	2406.4.1	S218-09/10
2406.4.1 (New)		S218-09/10
2406.4.2 (New)		S218-09/10
2406.4.3 (New)		S218-09/10
2406.4.4 (New)		S218-09/10
2406.4.5 (New)		S218-09/10
2406.4.6 (New)		S218-09/10
2406.4.7 (New)		S218-09/10
2407.1		S43-09/10
2408.2.1		S43-09/10
2408.3		S43-09/10

CHAPTER 25
GYPSUM BOARD AND PLASTER

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
Table 2506.2		S222-09/10
Table 2507.2		S222-09/10
2509.2		S224-09/10
2510.6		S225-09/10

CHAPTER 26
PLASTIC

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
Fiber Reinforced Polymer		FS184-09/10, FS185-09/10
Deleted	Fiberglass Reinforced Polymer	FS185-09/10
2603.3		CCC10 - #G10
2603.4		FS160-09/10
2603.4.1.12		CCC10 - #G10
2603.4.1.14(New)		FS171-09/10
2603.5.5		IBC42-09 CCC

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CHAPTER 26 (continued)

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
2603.5.6		FS173-09/10
2603.7		FS174-09/10
2603.8 (New)		FS174-09/10
2603.9	2603.8	FS174-09/10
2603.10	2603.9	FS174-09/10, FS178-09/10
2603.10.1(New)		FS179-09/10
2606.7		E5-09/10 Part I
2610.2		FS182-09/10
2610.3		FS183-09/10
2611.1		CCC10 - #G10
2612.1		FS185-09/10
2612.2		FS185-09/10
2612.3		FS185-09/10
2612.3.1(New)		FS184-09/10
Deleted	2612.4	FS185-09/10
2612.4	2612.5	FS185-09/10
2612.5	2612.6	FS185-09/10, FS186-09/10
2613.3		FS188-09/10
Deleted	2613.3.1	FS188-09/10
Deleted	2613.3.2	FS188-09/10

CHAPTER 27
ELECTRICAL

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
[F] 2702.2.14		CCC10 - #G10

CHAPTER 29
PLUMBING SYSTEMS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
[P] 2901.1		IBC28-09 CCC
[P] Table 2902.1		G16-09/10, G20-09/10
[P] 2902.2.1 (New)		P26-09/10
[P] 2902.3.2		CCC10 - #G10
[P] 2902.3.3		CCC10 - #G10
[P] 2902.5		CCC10 - #G10
Deleted	[P] 2903	IBC28-09 CCC

CHAPTER 30
ELEVATORS AND CONVEYING SYSTEMS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
3001.3		E151-09/10
3002.3		G154-09/10
3002.7		CCC10 - #G16
[F] 3003.3 (New)		F20-09/10
3004.1		CCC10 - #G16
3004.4		CCC10 - #G25
3007.2 (New)		G159-09/10
3007.3 (New)		G158-09/10
3007.3.1 (New)		G158-09/10
3007.3.2 (New)		G158-09/10
3007.4 (New)		G162-09/10
3007.5 (New)		G158-09/10
3007.6	3007.2	G160-09/10
3007.6.1 (New)		CCC10 - #G25, G160-09/10
3007.7.1	3007.4.1	E5-09/10 Part I
3007.7.2	3007.4.2	G163-09/10
3007.7.5 (New)		G167-09/10
3007.9.1	3007.7.1	G165-09/10, G166-09/10
3007.10	3007.5	E5-09/10 Part I
3007.10.1 (New)		G164-09/10
3008.1		IBC44-09 CCC, CCC10 - #G24
3008.1.1	3008.4	IBC44-09 CCC
3008.2 (New)		G171-09/10
3008.2.2 (New)		G172-09/10
3008.4	3008.10	G162-09/10, G174-09/10
3008.6	3008.9	G173-09/10
3008.6.1 (New)		CCC10 - #G25, G173-09/10
3008.7.1	3008.11.1	E5-09/10 Part I
3008.11	3008.7	CCC10 - #G23
3008.7.3	3007.4.3	G176-09/10
3008.9.1	3008.15.1	G165-09/10

CHAPTER 31
SPECIAL CONSTRUCTION

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
3104.2		CCC10 - #G16
3106.2		IBC50-09 CCC
3108.1		CCC10 - #S3, G181-09/10, S85-09/10
3109.4		CCC10 - #G16
Section 3111		F30-09/10

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)

CHAPTER 33
SAFEGUARDS DURING CONSTRUCTION

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
3302.1		IBC46-09 CCC, CCC10 - #G16
3302.3 (New)		G185-09/10
3303.3		CCC10 - #G27
3303.7 (New)		G185-09/10
3310.2		CCC10 - #G16
[F] 3313.1	3311.4	IBC46-09 CCC

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CHAPTER 34
EXISTING STRUCTURES

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
TECHNICALLY INFEASIBLE		IBC48-09 CCC
3401.1		IBC52-09 CCC
3401.3		IBC52-09 CCC, G188-09/10
3401.4		G190-09/10
3401.4.1		IBC52-09 CCC, G190-09/10, G191-09/10
3401.4.2		G190-09/10
3401.4.3 (New)		G190-09/10
3401.5 (New)		G192-09/10
3403.2		IBC53-09 CCC
3403.3		IBC52-09 CCC
Deleted	3403.4.1	G190-09/10
3403.5 (New)		F114-09/10
3404.2		IBC53-09 CCC
Deleted	3404.4.1	G190-09/10
3404.5		IBC47-09 CCC
Deleted	3404.6	E21-09/10
3404.6 (New)		F114-09/10
Deleted	3405.1.1	G192-09/10
3405.2		EB6-09/10 Part II
3405.2.1		IBC52-09 CCC, G190-09/10, EB6-09/10 Part II
3405.2.3		IBC52-09 CCC
3405.3.1		EB8-09/10 Part II, EB9-09/10 Part II
3405.5		IBC53-09 CCC
3408.3		IBC52-09 CCC
3408.4		G190-09/10, G194-09/10, G197-09/10, S41-09/10
3411.1		EB14-09/10 Part II
3411.2		IBC48-09 CCC
3411.3		IBC48-09 CCC
3411.4		EB14-09/10 Part II
3411.4.2		EB14-09/10 Part II
3411.6		IBC48-09 CCC, E151-09/10, EB14-09/10 Part II
3411.7		IBC48-09 CCC, EB14-09/10 Part II
3411.8.1		IBC48-09 CCC
3411.8.5		IBC48-09 CCC
3411.8.8		EB14-09/10 Part II
3411.8.9		EB14-09/10 Part II
3411.8.11		IBC49-09 CCC
3411.9		IBC48-09 CCC, EB14-09/10 Part II
3412.5.1		IBC3-09 CCC
3412.6.2.1		G201-09/10
Deleted	Table 3412.6.11	E21-09/10
3412.6.11		E21-09/10
3412.6.14		G202-09/10
3412.6.14.1		G202-09/10
3412.6.19		IBC3-09 CCC, CCC10 - #G10, CCC10 - #G20
Table 3412.6.19		IBC3-09 CCC, CCC10 - #G20
Table 3412.7		CCC10 - #G20

CHAPTER 35
REFERENCED STANDARDS

AISI	S189-09/10
ANSI	E56-09/10, S90-09/10
APA	S199-09/10
ASTM	FS143-09/10, FS188-09/10, S19-09/10, S25-09/10, S127-09/10, S128-09/10, S161-09/10, S175-09/10
FEMA	S94-09/10
NFPA	FS37-09/10, F58-09/10, FS160-09/10
TMS	S171-09/10
UL	IBC6-09 CCC, E56-09/10, S22-09/10

APPENDICES

APPENDIX D
FIRE DISTRICTS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
D102.2.6		IBC50-09 CCC

APPENDIX E
SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
E105.1		E151-09/10
E105.2.1		E151-09/10
E105.2.2		E151-09/10
E105.3		E151-09/10
E105.4		E151-09/10
E105.6		E151-09/10
E106.2		E151-09/10
E106.3		E151-09/10
E106.4		E151-09/10
E106.4.9		E151-09/10
E106.5		E151-09/10
E107.2		E151-09/10
E109.2.1		E151-09/10
E109.2.2.1		E151-09/10
E109.2.6		E151-09/10
E109.2.8		E151-09/10
E110.4		E151-09/10

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APPENDIX I
PATIO COVERS

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
PATIO COVER (New)		CCC10 - #G28
I101.1		CCC10 - #G28
I103.1(New)		CCC10 - #G28
I103.2		CCC10 - #G28
I104.1 (New)		CCC10 - #G28

APPENDIX J
GRADING

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
J108.1		IBC50-09 CCC
J109.4		IBC50-09 CCC

APPENDIX L
EARTHQUAKE RECORDINGI NSTRUMENTATION

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
L101.1 through L101.3 (New)		S108-09/10

APPENDIX M
TSUNAMI-GENERATED FLOOD HAZARD

2012 IBC	2009 IBC	CODE CHANGE NUMBER(S)
TSUNAMI HAZARD ZONE (New)		S94-09/10
TSUNAMI HAZARD ZONE MAP (New)		S94-09/10
M101.1 through M101.4 (New)		S94-09/10
M102 (New)		S94-09/10

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Code Change No: FS2-09/10

Original Proposal

Section(s): 701.2 (New)

Proponent: Stephen Thomas, Colorado Code Consulting, LLC, representing the Colorado Chapter

Add new text as follows:

701.2 Multiple use fire assemblies. Fire assemblies that serve multiple purposes in a building shall comply with all of the requirements that are applicable for each of the individual fire assemblies.

Reason: A single fire assembly can serve multiple purposes in a structure. For example, a fire barrier along a fire-resistant rated corridor would also serve as a fire partition. The current code does not provide any direction on what requirements apply to that assembly. The intent of this proposal is to clarify that the requirements for each of the different assemblies must be met. In the example above, an opening protective would need to comply with the not only the fire-resistance rating for a fire barrier, but also the smoke and draft control requirements for an opening in a fire partition.

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing Results

Committee Action: **Approved as Submitted**

Committee Reason: This proposal clarifies the current intent of the code by requiring compliance with all applicable code requirements for fire assemblies that serve multiple purposes.

Assembly Action: **None**

Final Hearing Results

FS2-09/10 **AS**

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Code Change No: FS3-12/13

Original Proposal

Section(s): 702.1

Proponent: Tony Crimi, A.C. Consulting Solutions Inc., representing International Firestop Council

Revise as follows:

JOINT. The ~~linear opening~~ void created at the interface in or between adjacent fire-resistance-rated ~~assemblies~~ building elements that is created due to building tolerances, or is designed to allow independent movement of the building in any plane caused by thermal, seismic, wind or any other loading.

Reason: The purpose of this proposal is to clarify that a "Joint", as defined in the IBC, may or may not be linear, and that the Joint is not the "opening" between fire resistance rated assemblies, but rather the materials or methods used to treat these openings

Justification: "Joints" are interfaces created in or between building elements such as walls, floors, columns or other building items. A joint typically involves a continuous void at the interface of two or more distinct components. When joints are designed into a structure, they are intended to allow independent movement of the building in any plane caused by thermal, seismic, wind or any other loading. However, joints are sometimes created as a result of building construction tolerances.

In fact, a Joint is never an "opening" as the current definition suggests, but instead they are the closures that go into the opening to provide continuity. The existing language in the definition already clarifies that the definition applies to both locations that are "… designed to allow independent movement" and also those created due to construction tolerances, and need to be treated. Consequently, the additional language addresses' that portion of the scope of the definition.

.

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing Results

Committee Action: **Disapproved**

Committee Reason: Using the term "building elements" limits the scope of the definition, based on the definition of building elements. Further, the term "linear opening" is specific and descriptive and should remain in the definition. Also, the term "linear" is consistent with terminology used in the referenced standards dealing with joints. Lastly, the term "void" is too broad.

Assembly Action: **None**

Public Comments

This item is on the agenda for individual consideration because a public comment was submitted.

Public Comment:

Tony Crimi, A.C. Consulting Solutions Inc., representing International Firestop Council, requests Approval as Modified by this public comment.

Modify the proposal as follows:

JOINT. The opening ~~void created at the interface~~ in or between adjacent fire-resistance-rated assemblies ~~building elements~~ that is created due to building tolerances, or is designed to allow independent movement of the building in any plane caused by thermal, seismic, wind or any other loading.

Commenter's Reason: This code change proposal clarifies that joints between fire resistance rated assemblies exist not only for the purposes of relative movement, but due to other reasons as well. The joint protection methods apply equally to all such gaps, regardless of why they exist. The term "Joint", as utilized in Chapter 7, relates to the

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protective systems installed in gaps, joints, voids, or other discontinuities between (or bounded by) two or more supporting elements even when the opening is created due to building tolerances. Joints are present in buildings by design, to accommodate various movements induced by thermal differentials, seismicity, and wind loads, but they also exist as a clearance separation, or due to acceptable dimensional tolerances between two or more building elements, for example, between non-loadbearing walls and floors. Inadequate design, inaccurate assembly, repairs or damage to the building can also create a need to install joint systems. All of these are still required to be protected when they are located in or between fire-resistance rated assemblies

The proposed language presented here is consistent with the test standards used to test fire-resistant joint systems.

Final Hearing Results

FS3-09/10 **AMPC1**

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Code Change No: FS4-09/10

Original Proposal

Section(s): 703.4 (New)

Proponent: Tony Crimi, AC Consulting Solutions Inc., representing International Firestop Council

Add new text as follows:

703.4 Automatic sprinklers. The fire resistance rating of a building element, component or assembly shall be established without the use of automatic sprinklers or any other fire suppression system being incorporated as part of the assembly tested in accordance with the fire exposure, procedures, and acceptance criteria specified in ASTM E119 or UL 263.

(Renumber subsequent sections)

Reason: There is a potential for misuse of established fire-resistance test Standards relied upon in the Code to determine performance of elements and assemblies, wherein the established consensus test method are modified outside the scope of the test standard to include a flow of cooling water during the fire exposure portion of the test.

Since some material manufacturers have begun to submit test reports to Authorities Having Jurisdiction with fire-resistance ratings obtained using a flow of cooling water during the fire test, it now becomes important to clarify that the code-required fire resistance rating is in fact a property that is meant to represent the inherent resistance to fire without the assistance of cooling flows. In countless instances, the code already incorporates the risk-reducing effect of a cooling flow from an extinguishing system by reducing the fire-resistance requirements, or by reducing other required safety measures.

The possibility of reducing some code requirements based on the improved behavior of an assembly when subjected to a cooling water flow can already be done via Alternative protection methods as allowed by Section 104.11, or by evaluation as a performance-based option. Thus, the only impact of this code change is to prevent a manufacturer of products from claiming an inflated fire resistance rating. The code change would not restrict anyone from proving that the addition of a cooling and/or extinguishing water flow can reduce some other requirement in the code.

It has never been the intent of either the Codes or the fire resistance testing Standards to incorporate the fire suppression system as part of the fire resistance rating of a building element, component or assembly. It would not be acceptable to have a fire-resistance rating that is determined during a test using a cooling flow, since the need for a fire resistive assembly is usually required by the Code in order to provide a an inherent passive level of fire protection. The notion of multiple safeguards and "Balanced Fire Protection" is not new to the Codes. It has long been a basic tenet that the design of every building or structure intended for human occupancy shall be such that reliance for safety to life does not depend solely on any single safeguard. Additional safeguards are provided for life safety in case any single safeguard is ineffective due to inappropriate human actions or system failure.

The resulting cooling-enhanced fire resistance rating then provides a result that would be incompatible with the required fire resistance ratings specified throughout the I-Codes. The various fire resistance ratings mandated throughout dozens of articles in the Code have been established based on an assumption of the type of construction that would pass the standardized tests without the aid of water cooling during fire exposure. For example, a relatively thin and un-insulated metal panel wall with suitable water cooling could potentially be arranged to pass a 1-hour standardized fire-resistance test, and possibly even longer duration fire-resistance tests. However, where the Code specifies the need for a 1-hour assembly, the intent in the development of that code provision would have clearly been to have an assembly that could survive a fire without being breached and without losing any load-bearing capabilities all by itself, without relying on an external water source for continued cooling. If sprinkler protection was also required for such an occupancy, then the overall intent of the Code is to have these two systems act independently, but in concert with each other.

Cost Impact: The code change proposal will not increase the cost of construction.

Analysis: Standards ASTM E119 and UL 263 are currently referenced in the I-codes.

Public Hearing Results

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed that passive and active fire protection should not be used together, specific to ASTM E119 and UL263 testing. Further, code officials should not be attempting to determine if a proposed test completely meets the requirements of test methods ASTM E119 or UL263. Lastly, adhoc tests that combine active and passive systems are not prohibited and can be reviewed and approved by the code official as alternative methods under Section 104.11 of the code.

Assembly Action: **None**

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Public Comments

This item was on the agenda for individual consideration because public comments were submitted.

Public Comment 1:

Jeffrey M. Shapiro, P. E., International Code Consultants, representing TYCO Fire Suppression and Building Products, requests Approval as Modified by this Public Comment.

Modify the proposal as follows:

703.4 Automatic sprinklers. Under the prescriptive fire resistance requirements of the *International Building Code*, ~~T~~the fire resistance rating of a building element, component or assembly shall be established without the use of automatic sprinklers or any other fire suppression system being incorporated as part of the assembly tested in accordance with the fire exposure, procedures, and acceptance criteria specified in ASTM E119 or UL 263. However, this section shall not prohibit or limit the duties and powers of the *building official* allowed by Sections 104.10 and 104.11.

Commenter=s Reason: The additional text is a necessary clarification of the new section, and it is consistent with the committee's stated intent to not limit use of Section 104 for approving alternative methods on a case by case basis. The proponent of this code proposal also stated at the hearing that the addition of this section was clarification of the existing prescriptive code requirements for established fire-resistance test standards, and was not intended to usurp the ultimate authority of the code official's powers under Section 104, "Duties and Powers of Building Official".

Nevertheless, as the section is currently written, use of Section 104 would not be permissible since it would directly violate the requirements in Section 704.3. If the code says "you can't use sprinklers as part of the test criteria…period," then one can't simply go to Section 104 and count sprinklers. It is understood that having the code simply accept the use of fire sprinklers as a consideration in any fire resistance test is inappropriate, except on a case-by-case basis when approved by the Code Official, and for that reason, we are not opposing the intent of the proposal, just the text. With the recommended modifications, code application will be clarified in a manner that seems to satisfy all interests that were expressed in Baltimore.

Final Hearing Results

FS4-09/10 **AMPC1**

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Code Change No: FS7-09/10

Original Proposal

Section(s): 703.6

Proponent: Valarie Loper, City of North Las Vegas Building Safety

Revise as follows:

703.6 Marking and identification. Fire walls, fire barriers, fire partitions, smoke barriers, and smoke partitions or any other wall required to have protected openings or penetrations shall be effectively and permanently identified with signs or stenciling. Such identification shall:

1. Be located in accessible concealed floor floor-ceiling or attic spaces;
2. Be ~~repeated~~ located with in 15 feet (4572 mm) of the end of each wall and at intervals not exceeding 30 feet (9144mm) measured horizontally along the wall or partition; and
3. Included lettering not less than 3 inches (76 mm) ~~0.5 inch (12.7mm)~~ in height in a contrasting color incorporating the suggested wording. "FIRE AND/OR SMOKE BARRIER—PROTECT ALL OPENINGS" or other wording.

Exception: Walls in Group R-2 occupancies that do not have a removable decorative ceiling allowing access to the concealed space.

Reason: I believe this is a needed code to assist in maintaining the integrity of fire resistive construction. The change to a larger size of3 Inches will better ensure that the lettering will be seen by the contractors and subcontractors that will be creating unprotected openings in protected assemblies. The contrasting color will regulate that the lettering be installed in a color that will contrast the base color of the assembly also ensuring a better chance of this identification being achieved. To install this lettering within 15 feet of the end of each wall will also aid in the ability of the persons remodeling the existing wall to be informed of the need to protect any openings made. The maintaining of a fire resistive assembly is as important as the creating of the assembly was to begin with.

Cost Impact: The code change proposal will increase the cost of construction.

Public Hearing Results

Committee Action: **Approved as Modified**

Modify the proposal as follows:

703.6 Marking and identification. Fire walls, fire barriers, fire partitions, smoke barriers, and smoke partitions or any other wall required to have protected openings or penetrations shall be effectively and permanently identified with signs or stenciling. Such identification shall:

1. Be located in accessible concealed floor floor-ceiling or attic spaces;
2. Be located with in 15 feet (4572 mm) of the end of each wall and at intervals not exceeding 30 feet (9144mm) measured horizontally along the wall or partition; and
3. Included lettering not less than 3 inches (76 mm) in height with a minimum 3/8 inch (9.5 mm) stroke in a contrasting color incorporating the suggested wording. "FIRE AND/OR SMOKE BARRIER—PROTECT ALL OPENINGS" or other wording.

Exception: Walls in Group R-2 occupancies that do not have a removable decorative ceiling allowing access to the concealed space.

Committee Reason: The committee agreed that the closer spacing and larger letter height would aid in enforcement of these provisions. The modification provides for consistent letter sizing, which again will aid in enforcement of these provisions.

Assembly Action: **None**

Final Hearing Results

FS7-09/10 **AM**

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Code Change No: FS9-09/10

Original Proposal

Section(s): 704.2, 704.3, 704.4

Proponent: Sam Francis representing American Forest & Paper Association

Revise as follows:

704.2 Column protection. Where columns are required to be fire-resistance rated, the entire column shall be provided individual encasement protection by protecting it on all sides for the full column length, including connections to other structural members, with materials having the required fire-resistance rating. Where the column extends through a ceiling, the encasement protection shall be continuous from the top of the foundation or floor/ceiling assembly below through the ceiling space to the top of the column.

Exception: Columns complying with Section 602.4, 721.1 or 721.6.3

704.3 Protection of the primary structural frame other than columns. Members of the primary structural frame other than columns that are required to have a fire-resistance rating and support more than two floors or one floor and roof, or support a load-bearing wall or a nonload-bearing wall more than two stories high, shall be provided individual encasement protection by protecting them on all sides for the full length, including connections to other structural members, with materials having the required fire-resistance rating.

Exceptions:

1. Individual encasement protection on all sides shall be permitted on all exposed sides provided the extent of protection is in accordance with the required fire-resistance rating, as determined in Section 703.
2. Members complying with Section 602.4, 721.1 or 721.6.3

704.4 Protection of secondary members. Secondary members that are required to have a fire-resistance rating shall be protected by individual encasement protection, by the membrane or ceiling of a horizontal assembly in accordance with 712, or by a combination of both

704.4.1 Light-frame protection. King studs and boundary elements that are integral elements in load-bearing walls of light-framed construction shall be permitted to have required fire-resistance ratings provided by the membrane protection provided for the load-bearing wall.

704.4.2 Alternative protection. Structural elements complying with Section 602.4, 721.1 or 721.6.3 shall not be required to comply with Section 704.4.

Reason: Wood members of sufficiently large section to be considered heavy timber have never been required to be protected with a membrane in order to be considered heavy timber. There has been some confusion about the fire resistive properties of heavy timber as compared to the fire resistance of large members determined by the calculation methodology in Section 721. This confusion has led to a misapplication of Section 714 and its provision for protecting the member on all sides by materials having the required fire resistance. In the case of large wood members used in Type IV Construction as defined in Section 602.4, there is an inherent protection afforded the member by the char layer that forms as the timber is pyrolized. Table 601 recognizes this unique characteristic and distinguishes it from a fire resistance by utilizing the term “heavy timber” to describe this type of construction.

Moreover, the calculation methodology in Section 721 also relies on the insulating qualities of the char layer in order to calculate the size of member which will afford a sufficient sacrificial layer and still have adequate section to resist 100% of the required loads imposed on it. Accordingly, neither members complying with Section 602 nor members complying with Section 721

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require further protection as required in Section 704. This code change is intended to make it clear that large wood members conforming to 602 or to 721 are not required to have this additional and redundant layer of protection.

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing Results

Committee Action: **Disapproved**

Committee Reason: The committee felt that these provisions were confusing and should be located in charging text rather than in an exception. Further, it would be more appropriate for the provisions to be located where the code addresses heavy timber construction.

Assembly Action: **None**

Public Comments

These items are on the agenda for individual consideration because public comments were submitted.

Public Comment 1:

Sam Francis, representing the American Wood Council/AF&PA, requests Approval as Modified by this Public Comment.

Replace the proposal as follows:

602.4.1 Columns. Wood columns shall be sawn or glued laminated and shall not be less than 8 inches nominal, in any dimension where supporting floor loads and not less than 6 inches nominal in width and not less than 8 inches nominal in depth where supporting roof and ceiling loads only. Columns shall be continuous or superimposed and connected in an approved manner. Protection in accordance with Section 704.2 is not required.

Commenter=s Reason: It is widely understood that heavy timber does not require the encapsulation required of columns in Section 704 in order to achieve its inherent fire performance. The committee believed that the notation that such protection was not required would be better placed in the Heavy Timber section. This comment proposes to place the language in the location and in the manner suggested by the Fire Safety Code Development Committee.

Public Comment 2:

Jonathan Humble, AIA, representing the American Iron & Steel Institute, requests Approval as Modified by this Public Comment.

Modify the proposal as follows:

704.2 Column protection. Where columns are required to have protection to be fire-resistance rated, the entire column shall be provided individual encasement protection by protecting it on all sides for the full column length, including connections to other structural members, with materials having the required fire-resistance rating. Where the column extends through a ceiling, the encasement protection shall be continuous from the top of the foundation or floor/ceiling assembly below through the ceiling space to the top of the column.

~~Exception:~~ ~~Columns complying with Section 602.4, 721.1 or 721.6.3~~

704.3 Protection of the primary structural frame other than columns. Members of the primary structural frame other than columns that are required to have protection to achieve a fire-resistance rating and support more than two floors or one floor and roof, or support a load-bearing wall or a nonload-bearing wall more than two stories high, shall be provided individual encasement protection by protecting them on all sides for the full length, including connections to other structural members, with materials having the required fire-resistance rating.

Exception~~s~~:

1. ~~1.~~ Individual encasement protection on all sides shall be permitted on all exposed sides provided the extent of protection is in accordance with the required fire-resistance rating, as determined in Section 703.

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~~2. Members complying with Section 602.4, 721.1 or 721.6.3~~

704.4 Protection of secondary members. Secondary members that are required to have a fire-resistance rating shall be protected by individual encasement protection, by the membrane or ceiling of a horizontal assembly in accordance with 712, or by a combination of both

704.4.1 Light-frame protection. King studs and boundary elements that are integral elements in load- bearing walls of light-framed construction shall be permitted to have required fire-resistance ratings provided by the membrane protection provided for the load-bearing wall.

~~**704.4.2 Alternative protection**. Structural elements complying with Section 602.4, 721.1 or 721.6.3 shall not be required to comply with Section 704.4.~~

Commenter=s Reason: This public comment addresses the concerns of the Code Committee in terms of eliminating the confusing language, and placing the provisions in the charging text rather than in an exception.

The pubic comment also generalizes the original proposal FS9-09/10 to cover not only heavy timber structural members, but all structural members that do not need protection in order to achieve a fire-resistance rating. This would correct an existing conflict within the code language that requires encasement, membrane or ceiling protection regardless of whether the fire resistance rated design required any protection or not.

Approval of this modification would address many types of tested and fire-resistance rated constructions that achieve fire resistance ratings without protection, such as:

- Unprotected heavy timber members, rated in accordance with IBC section 721,
- Unprotected reinforced concrete members, rated in accordance with IBC section 721,
- Steel columns complying with IBC Table 720.1(1) item 1-9.1,
- Unprotected concrete-filled tubular steel columns complying with ASCE-29, Section 5.2.3,
- Unprotected concrete over steel deck floors, tested and rated in accordance with ASTM E119, and listed by testing agencies.

Final Hearing Results

FS9-09/10 AMPC1, 2

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Code Change No: FS10-09/10

Original Proposal

Section(s): 704.11

Proponent: Randy B. Maurer, Associated Building Inspections Inc., representing Pennsylvania Association of Building Code Officials, Inc.

Revise as follows:

704.11 Bottom flange protection. Fire protection is not required at the bottom flange of lintels, shelf angles and plates, spanning not more than ~~6 feet (1829mm)~~ 6 feet 4 inches (1931mm) whether part of the primary structural frame or not, and from the bottom flange of lintels, shelf angles and plates not part of the structural frame, regardless of span.

Reason: This change will accommodate the 6'-4" width of a pair of 36" doors in a hollow metal frame, which is common now due to accessibility requirements. It should not affect the safety inherent in the requirement.

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing Results

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed that change will accommodate the 6'-4" width of a pair of 36" doors in a hollow metal frame, which is consistent with common construction practice.

Assembly Action: **None**

Final Hearing Results

FS10-09/10 **AS**

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Code Change No: FS12-09/10

Original Proposal

Section(s): 705.2, Table 705.2 (New), 705.2.3

Proponent: Stephen Thomas, Colorado Code Consulting, LLC representing the Colorado Chapter ICC

1. Revise as follows:

705.2 Projections. Cornices, eave overhangs, exterior balconies and similar projections extending beyond the exterior wall shall conform to the requirements of this section and Section 1406. Exterior egress balconies and exterior exit stairways shall also comply with Sections 1019 and 1026, respectively. ~~Projections shall not extend beyond the distance determined by the following three methods, whichever results in the lesser projection:~~ Projections shall not extend any closer to a lot line than permitted in Table 705.2.

Exception: Buildings on the same lot and considered as portions of one building in accordance with Section 705.3 are not required to comply with this section.

~~1. A point one-third the distance from the exterior face of the wall to the *lot line* where protected openings or a combination of protected and unprotected openings are required in the *exterior wall*.~~
~~2. A point one-half the distance from the exterior face of the wall to the *lot line* where all openings in the *exterior wall* are permitted to be unprotected or the building is equipped throughout with an *automatic sprinkler system* installed under the provisions of Section 705.8.2.~~
~~3. More than 12 inches (305 mm) into areas where openings are prohibited. Buildings on the same lot and considered as portions of one building in accordance with Section 705.3 are not required to comply with this section.~~

2. Add new Table as follows:

Table 705.2
Minimum Distance of Projection from Lot Lines

Fire Separation Distance	Minimum distance from lot line
0 feet to less than 2 feet	Not Permitted
2 feet to less than 5 feet	24 inches
5 feet or greater	40 inches

3. Revise as follows:

705.2.3 Combustible projections. Combustible projections ~~located where openings are not permitted or where protection of openings is required~~ extending to within 5 feet of the lot line shall be of at least 1-hour fire-resistance-rated construction, Type IV construction, fire-retardant-treated wood or as required by Section 1406.3.

Exception: Type V construction shall be allowed for R-3 occupancies.

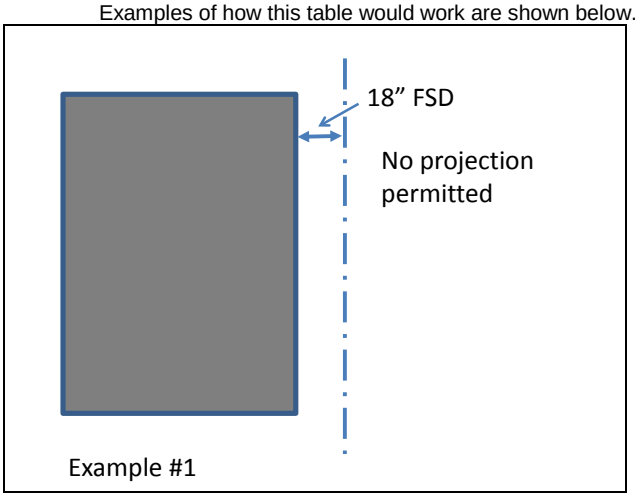
Reason: The current language outlining the requirements for projections is very confusing . Table 704.8 appears to have different distances where openings are required to be protected. However, when you really evaluate the table, the first option in Section 704.2 would occur at 5 feet (where openings are required to be protected) and the third option occurs at 3 feet (where openings are

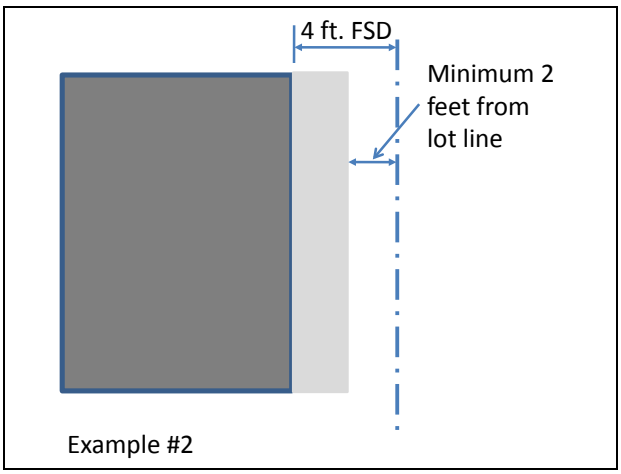
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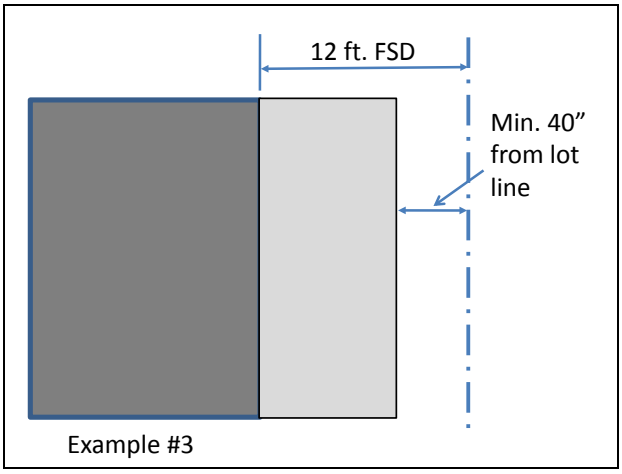
not permitted). The intent of this proposal is to simplify the requirement for determining the location of projections and when combustible projections are required to be protected. The proposal takes the language of the current first and third items and specifies the distance in a table format. The extent of the projection is now related to the fire separation distance. The 24-inch requirement is based on item 3 of the current language and the 40-inch requirement is based on option 1 of the current requirement.

Item 2 in the current language is confusing and actually makes the code more restrictive than the language in the 2006 IBC. For example if a building is located 22 feet from the lot line, the projection would only be allowed to extend to within 11 feet from the lot line. The 2006 IBC and this proposal would allow the projection to extend to a point no closer than 40 inches from the lot line. Therefore, the item has been deleted and not addressed in the table.

Examples of how this table would work are shown below.







Cost Impact: The code change proposal will not increase the cost of construction.

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Analysis: Code change proposals FS12, FS13 and FS14 propose revisions to Section 705.2.3. The committee needs to make its intent clear with respect to these revisions.

Public Hearing Results

Committee Action: **Disapproved**

Committee Reason: This proposal seems to allow for projections where the fire separation distance is 24 inches with no substantiation. Further, the committee was concerned about the use of the term fire separation distance in that it seemed to conflict with the code-defined term.

Assembly Action: **None**

Public Comments

Public Comment:

Stephen Thomas representing Colorado Chapter ICC, requests Approval as Modified by this public comment.

Modify the proposal as follows:

705.2 Projections. Cornices, eave overhangs, exterior balconies and similar projections extending beyond the exterior wall shall conform to the requirements of this section and Section 1406. Exterior egress balconies and exterior exit stairways shall also comply with Sections 1019 and 1026, respectively. ~~Projections shall not extend any closer to a lot line than permitted in Table 705.2.~~ Projections shall not extend any closer to the line used to determine the fire separation distance than shown in Table 705.2

Exception: Buildings on the same lot and considered as portions of one building in accordance with Section 705.3 are not required to comply with this section.

Table 705.2 Minimum Distance of Projection ~~from Lot Lines~~

Fire Separation Distance (FSD)	Minimum distance from ~~lot line~~ line used to determine FSD
0 feet to less than 2 feet	Projections not permitted
2 feet to less than 5 feet	24 inches
5 feet or greater	40 inches

705.2.1 Type I and II construction. Projections from walls of Type I or II construction shall be of noncombustible materials or combustible materials as allowed by Sections 1406.3 and 1406.4.

705.2.2 Type III, IV or V construction. Projections from walls of Type III, IV or V construction shall be of any approved material.

705.2.3 Combustible projections. Combustible projections extending to within 5 feet of the ~~lot line~~ line used to determine the fire separation distance shall be of at least 1-hour fire-resistance-rated construction, Type IV construction, fire-retardant-treated wood or as required by Section 1406.3.

Commenter=s Reason: The intent of this proposal is to simplify the projection requirements in the code. Every time I meet with an architect or teach seminars on this subject, there is enormous confusion on what the projection section is saying. The current language is based on a legacy code that based the protection of exterior walls and associated openings on the occupancy and type of construction. The distances changed from occupancy to occupancy. The IBC does not base the protection on either. It bases it on the fire separation distance. Table 705.8 in the 2009 IBC makes the provisions even more confusing since it incorporates the sprinkler provisions in the code. The question that always comes up is “When are openings required to be protected?” and “When are openings not permitted?” The answer is they are required to be protected at 3-5 feet fire separation distance and prohibited at a 3 feet fire separation distance. So, if you use that premise, the current language allows the projection to extend 12 inches into the 3 foot fire separation distance or 1/3 the distance into the 5 foot separation distance which is 1 foot, 8 inches. That means that a projection cannot be any closer than 2 feet from or 3 feet, 4 inches (40 inches) from the interior lot line, the center of the street or the imaginary line between two buildings. What I did was take these answers an put them into a table.

The revision to Section 705.2.3 is the same. The current language states combustible projections have to be protected when openings are either not permitted or required to be protected. Again, where is that? The answer is again 5 feet because that is where openings are required to be protected. Therefore, the proposed language just states what the dimension is where the projection must be protected.

The committee was concerned that the provision would allow projections within 2 feet of a property line. The current language in the 2009 IBC does not permit projections within 2 feet of a property line. There was no intent of changing the requirements for these projections, only to clarify the current requirements. The table has been revised to specifically say that projections are not permitted when a building has a fire separation distance of less than 2 feet.

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The committee was also confused about the use of the term fire separation distance in the table. The current code requirements are based on where opening are either prohibited or required to be protected in Section 705.8.1 and Table 705.8. The requirements in table 705.8 are based on the fire separation distance. Therefore, it seems logical that the dimension used in Table 705.8 be brought back into the projection section and the proposed table.

Final Hearing Results

FS12-09/10 **AMPC1**

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Code Change No: FS13-09/10

Original Proposal

Section(s): 705.2.3

Proponent: Ali M. Fattah, City of San Diego, representing SD Area Chapter ICC Code Committee

Revise as follows:

705.2.3 Combustible projections. Combustible projections located where openings are not permitted, or where protection of openings is required or where a combination of protected and unprotected openings are required shall be of at least 1-hour fire-resistance-rated construction, Type IV construction, fire-retardant-treated wood or as required by Section 1406.3.

Exception: Type VB construction shall be allowed for combustible projections in R-3 occupancies with a fire separation distance greater than or equal to 5 ft (1524 mm).

Reason: The proposed change adds clarity to the IBC. Code change FS14-07/08 amended Section 704.2 to improve the code section to make clear when the length of projections is to be limited due to fire separation; the section was brought to the IBC from a legacy Code that did not include table like Table 704.8 where the area of openings is limited and protected openings are an option to include more openings in a an exterior wall based on fire separation distance within ranges of distance. The initial portion of the code change merely continues the effort that was started in the prior code change cycle and extends the same logic to this Section. Using the word "location" makes clear that if the projection falls within the distance range it is subject to the requirement.

ICC has indicated that they believe that Code intends only portions of the eave extending into the regulated area to be protected since the protection is intended to prevent ignition; additionally the IBC in Table 602 requires measurement of fire separation perpendicular to the face of a wall so it is possible for portions of a wall at an angle to be connected to portions of a wall that are not protected. The proposed code change does not seek to make a change to current practice insofar as the extent of the protection along the projection is concerned.

The exception has been amended to require the same level of protection as the IRC and eliminates ambiguity as to whether rated or non rated projections are required. Table R302.1 of the 2009 IRC requires eaves located at a fire separation distance less than 5 ft to be protected with one-hour construction on the underside. Both the 2009 IRC ad 2009 IBC require sprinkler protection in R-3 occupancies so the codes should be comparable.

Without changing the exception, the code user could conclude that an exposed 12 inch long wood eave located within 24 inches from a lot line and supported on an exterior one hour rated wall located 3 ft from a lot line is permissible which makes no sense. The IBC and IRC have increased the level of exterior fire protection due to fire separation distance recognizing the vulnerability of least protected occupancies such R-3 from conflagration hazards.

Cost Impact: This proposal will minimally impact the cost of construction.

Analysis: Code change proposals FS12, FS13 and FS14 propose revisions to Section 705.2.3. The committee needs to make its intent clear with respect to these revisions.

Public Hearing Results

Committee Action: **Approved as Modified**

Modify the proposal as follows:

705.2.3 Combustible projections. Combustible projections located where openings are not permitted, or where protection of openings is required or where a combination of protected and unprotected openings are permitted ~~required~~ shall be of at least 1-hour fire-resistance-rated construction, Type IV construction, fire-retardant-treated wood or as required by Section 1406.3.

Exception: Type VB construction shall be allowed for combustible projections in R-3 occupancies with afire separation distance greater than or equal to 5 ft (1524 mm).

Committee Reason: The committee agreed that the proposal provides for coordination with Section 705.3 and Section 705.2.3 by including projections located where a combination of protected and unprotected openings are permitted. Further, the revisions to the exception clarify that the intent of the exception is not to allow a combustible projection within 24 inches of a lot line. Lastly, the modification provides for consistent code terminology.

Assembly Action: **None**

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Public Comments

These items are on the agenda for individual consideration because public comments were submitted.

Public Comment 1:

Ali M. Fattah, P.E, City of San Diego, Development Services Department, representing San Diego Area Chapter of ICC, requests Approval as Modified by this Public Comment.

Further modify the proposal as follows:

705.2.3 Combustible projections. Combustible projections located where openings are not permitted, or where protection of openings is required or where a combination of protected and unprotected openings are permitted shall be of at least 1-hour fire-resistance-rated construction, Type IV construction, *fire-retardant-treated wood* or as required by Section 1406.3.

> **Exception:** Type VB construction shall be allowed for combustible projections in R-3 and U occupancies with a fire separation distance greater than or equal to 5 ft.

Commenter=s Reason: The original code change inadvertently omitted Group U occupancies. The committee approved the code change with a modification to correct an error in the second sentence. Changes shown in double underline or double strike through were made by the committee or as a result of the correction shown in this public comment. We urge the voting governmental members support for this public comment. The “or where protection of openings is required or where a combination of protected and unprotected openings are permitted” had been added in the original code change as approved by the committee for consistency with the prior Section.

Public Comment 2:

Maureen Traxler, representing City of Seattle Department of Planning & Development, requests Approval as Modified by this Public Comment.

Further modify the proposal as follows:

705.2.3 Combustible projections. Combustible projections located where openings are not permitted, or where protection of some openings is required ~~or where a combination of protected and unprotected openings are permitted~~ shall be of at least 1-hour fire-resistance-rated construction, Type IV construction, fire-retardant-treated wood or as required by Section 1406.3.

> **Exception:** Type VB construction shall be allowed for combustible projections in R-3 occupancies with a fire separation distance greater than or equal to 5 ft (1524 mm).

Commenter’s Reason: Because protected openings are permitted wherever openings are allowed, the phrase “where a combination of protected and unprotected openings are permitted” actually means “where some percentage of openings are required to be protected and some unprotected openings are permitted.” In the case of such a combination, some amount of protected openings are required so the second condition (where protection of openings is required) would apply. Therefore there is no need to indicate the combination as a separate condition.

Final Hearing Results

FS13-09/10 **AMPC1, 2**

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Code Change No: FS15-09/10

Original Proposal

Section(s): 705.3

Proponent: Gary Lampella, City of Redmond, OR, representing Oregon Building Officials Association

Revise as follows:

705.3 Buildings on the same lot. For the purposes of determining the required wall and opening protection, projections and roof-covering requirements, buildings on the same lot shall be assumed to have an imaginary line between them.

Where a new building is to be erected on the same lot as an existing building, the location of the assumed imaginary line with relation to the existing building shall be such that the *exterior wall* and opening protection of the existing building meet the criteria as set forth in Sections 705.5 and 705.8.

Exception: Two or more buildings on the same lot shall either be regulated as separate buildings or shall be considered as portions of one building if the aggregate area of such buildings is within the limits specified in Chapter 5 for a single building. Where the buildings contain different occupancy groups or are of different types of construction, the area shall be that allowed for the most restrictive occupancy or construction.

Reason: This code change is to clarify that buildings on the same lot that are not considered one building. If one is concerned about wall and opening protection it stands to reason that projections also should be considered.

Cost Impact: The code change proposal will not increase the cost of construction

Public Hearing Results

Committee Action: **Approved as Submitted**

Committee Reason: The committee agreed that projection requirements should also be considered for buildings on the same lot that are not considered as one building.

Assembly Action: **None**

Final Hearing Results

FS15-09/10 **AS**

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Code Change No: FS17-09/10

Original Proposal

Section(s): 705.6

Proponent: Sam Francis representing American Forest & Paper Association

Revise as follows:

705.6 Structural stability. The wall shall extend to the height required by Section 705.11 and shall have sufficient structural stability such that it will remain in place for the duration of time indicated by the required fire-resistance rating. Interior structural elements which brace the exterior wall but are not within the plane of the exterior wall nor on the outside of it shall have the fire resistance rating required by Table 601.

Reason: This section of the code is a direct descendent of the following section of the BOCA National Building Code which read in part:

Section 302.2.3 Method 3: The fire resistance rated wall shall be so constructed that it will remain structurally in place against an exterior exposing fire, for the duration of time indicated by the required fire resistance rating.

The 2006 IBC, Section 714.5, required all load-bearing structural members located within an exterior wall or exterior to it (outside of the exterior wall meaning outdoor side, not the enclosed side) to have the higher of the fire resistance ratings required for that element in:

(1) Table 601;
(2) Table 601 for the exterior bearing wall; or,
(3) Table 602 based upon fire separation distance.

It may be inferred from this requirement that load-bearing structural members located internally within the building need only have the fire resistance rating required of them in Table 601. The fire resistance ratings for exterior walls are based upon exterior exposure or conflagration. Thus, it is not reasonable to assume that because an interior element braces, to any extent, an exterior wall that it follows that the bracing element interior to that exterior wall must then have the same fire resistance rating as the exterior wall. The 2009 IBC has this requirement relocated to 705.6 and the base fire resistance requirements were "mixed with fire separation distance requirements" so the base requirement is not so readily discernable.

This proposal would clarify the intent of Section 705.6. It is clear that the code has a long standing provision which permits the various elements of a building for a given construction type to have differing fire resistance ratings based upon the function of the individual element and the duration of time deemed necessary for that element to continue to perform that function.

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing Results

Committee Action: **Disapproved**

Committee Reason: The committee felt that referencing only Table 601 could lead to confusion, in that Table 602 should also be considered and may result in a higher fire resistance rating.

Assembly Action: **None**

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Public Comments

This item is on the agenda for individual consideration because a public comment was submitted.

Public Comment:

Sam Francis representing American Wood Council, requests Approval as Modified by this Public Comment.

Modify the proposal as follows:

705.6 Structural stability. The wall shall extend to the height required by Section 705.11 and shall have sufficient structural stability such that it will remain in place for the duration of time indicated by the required fire-resistance rating. Where exterior walls have a minimum fire separation distance of not less than 30 feet, interior structural elements which brace the exterior wall but which are not located within the plane of the exterior wall ~~nor on the outside of it~~ shall have the minimum fire resistance rating required in Table 601 for that structural element. Structural elements which brace the exterior wall but are located outside of the exterior wall or within the plane of the exterior wall shall have the minimum fire resistance rating required in Table 601 and Table 602 for the exterior wall.

Commenter's Reason: This section of the code is a direct descendent of the following section of the BOCA National Building Code which read in part:

Section 302.2.3 Method 3: The fire resistance rated wall shall be so constructed that it will remain structurally in place against an exterior exposing
fire, for the duration of time indicated by the required fire resistance rating.

The 2006 IBC, Section 714.5 (now section 704.10 in IBC 2009) required all load-bearing structural members located within an exterior wall or exterior to it (outside of the
exterior wall meaning outdoor side, not the enclosed side) to have the higher of the fire resistance ratings required for that element in:

(1) Table 601;
(2) Table 601 for the exterior bearing wall; or,
(3) Table 602 based upon fire separation distance.

It may be inferred from this requirement that load-bearing structural members located internally within the building need only have the fire
resistance rating required of them in Table 601. The fire resistance ratings for exterior walls are based upon exterior exposure or conflagration.
Thus, it is not reasonable to assume that because an interior element braces, to any extent, an exterior wall that it follows that the bracing element
interior to that exterior wall must then have the same fire resistance rating as the exterior wall. The 2009 IBC has this requirement relocated to
705.6 and the base fire resistance requirements were "mixed with fire separation distance requirements" so the base requirement is not so readily
discernable.

Following immediately in the 2009 IBC is 705.7 Unexposed surface temperature and then, later 705.11 Parapets. 705.7 specifically addresses the limitation on temperature rise on the unexposed surface of the exterior wall based on equivalent unprotected openings OR on fire separation distance. Fire separation distance is a response to exposure as indicated in the NBC section302.2.3 cited above. The conditions for parapets on exterior walls in 705.11 also is based on exposure.

This proposal would clarify the intent of Section 705.6. It is clear that the code has a long standing provision which permits the various
elements of a building for a given construction type to have differing fire resistance ratings based upon the function of the individual element and the
duration of time deemed necessary for that element to continue to perform that function. This means that any structural element interior to the exterior wall need only have the fire resistance rating of Table 601, Table 602 or an exterior wall for elements outside of the "unexposed face of the exterior wall".

Final Hearing Results

FS17-09/10 **AMPC1**

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Code Change No: FS23-09/10

Original Proposal

Section(s): 706.2, Chapter 35

Proponent: Sarah A. Rice, CBO, representing self

706.2 Structural stability. Fire walls shall have sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall for the duration of time indicated by the required fire-resistance rating or shall be double fire walls constructed in accordance with NFPA 221.

2. Add new standard to Chapter 35 as follows:

NFPA	
221-09	Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls, 2009 Edition

Reason: To allow what today would be considered a design using 2 exterior walls to be classified as a fire wall and thus also allowed to have openings when the wall is not located on a lot line (party wall).

Cost Impact: The code change proposal will not increase the cost of construction.

Analysis: A review of the standard proposed for inclusion in the code, NFPA 221-09, for compliance with ICC criteria for referenced standards given in Section 3.6 of Council Policy #CP 28 will be posted on the ICC website on or before September 24, 2009.

Public Hearing Results

Analysis: The standard was not received by ICC staff.

Committee Action: **Disapproved**

Committee Reason: Disapproval was based on the proponents request for disapproval. Further, the proposed standard NFPA 221-09 has not been submitted.

Assembly Action: **None**

Public Comments

Individual Consideration Agenda

ThIs item was on the agenda for individual consideration because public comments were submitted.

Public Comment 2:

Jason Thompson, National Concrete Masonry Association (NCMA), representing Masonry Alliance for Codes and Standards (MACS), requests Approval as Modified by this Public Comment.

Modify the proposal as follows:

706.2 Structural stability. Fire walls shall have sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall for the duration of time indicated by the required fire-resistance rating or shall be constructed as double fire walls ~~constructed~~ in accordance with NFPA 221.

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NFPA

221-09 Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls, 2009 Edition

Commenter=s Reason: This Public Comment has made a slight editorial modification to the original code change proposal to help clarify the intent. We believe the original intent of this code change proposal is to allow double fire walls designed and constructed in accordance with NFPA 221 Standard for High Challenge Fire Walls, Fire Walls, and Fire Barriers Walls (2009) to be used to satisfy the requirements of Section 706 for fire walls separating buildings.

Unfortunately, the new 2009 edition of NFPA 221 was not provided to the IBC Fire Safety Code Development Committee for their review prior to the hearings in Baltimore last year. Thus, the proponent requested that the code change proposal be disapproved. However, the standard has now been available for public review and, in our opinion, is acceptable as a referenced standard for use by the IBC in determining the design and construction requirements for double fire walls which will serve the same purpose of subdividing buildings into separate buildings as required in Section 706 for fire walls. In fact, one of the members of MACS, as well as our code consultant, are voting members of the NFPA Technical Committee on Building Construction which is responsible for the development and maintenance of NFPA 221.

Double wall assemblies constructed to serve as a fire wall are regulated by Section 4.5 Double Wall Assemblies of NFPA 221, as well as Section 6.5 Double Fire Walls. These sections allow two independent walls to serve as the required fire wall separation where the fire-resistance rating of each wall is allowed to be reduced to 1-hour less than the required fire-resistance rating for a single fire wall. For example, where a 3-hour fire-resistance-rated single fire wall is required by the IBC, two 2-hour fire-resistance rated (double) fire walls could be utilized based on NFPA 221. Similarly, for a 2-hour fire-resistance-rated single fire wall, two walls serving as a double fire wall could each have a 1-hour fire-resistance rating.

In conclusion, we believe that the use of double fire walls designed and constructed in accordance with NFPA 221 should be allowed as comparable construction to that specified in Section 706 for fire walls in the IBC. Therefore, we respectfully request that the Class A voting members overturn the Committee recommendation for disapproval and vote to approve this Public Comment for approved as modified for Code Change FS23-09/10.

Final Hearing Results

FS23-09/10 AMPC2

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Code Change No: FS27-09/10

Original Proposal

Section(s): 706.6, 706.6.2 (New)

Proponent: Homer Maiel, PE, CBO, City of San Jose**,** representing ICC Tri-Chapter (Peninsula, East Bay, Monterey Bay)

Revise as follows:

706.6 Vertical continuity. Fire walls shall extend from the foundation to a termination point at least 30 inches (762 mm) above both adjacent roofs**.**

Exceptions:

(Exceptions 1 through 5 remain unchanged)

6. Buildings with sloped roof in accordance with Section 706.6.2

Add new text as follows:

706.6.2 Buildings with sloped roofs. Where a fire wall serves as an interior wall for a building, and the roof on one side or both sides of the fire wall, slopes toward the fire wall at a slope greater than two units vertical in 12 units horizontal (2:12), the fire wall shall extend to a height equal to the height of the roof located 4 feet from the fire wall plus 30 inches. In no case shall the extension of the fire wall be less than 30 inches.

Reason: The Code fails to address the vertical continuity of fire walls at sloped roofs when fire wall serves as an interior wall. Since the parapet construction at the exterior walls (Section 705.11.1) is dependent on fire separation and protection of wall openings, this new Section (706.6.2) is needed to be structured differently. To achieve this, parts of Section 705.11.1 and Section 705.11, Exception 4 have been combined. By implementing this code proposal the height of the parapet could vary from 42" (for roofs with slopes of 3:12) to 6'-6" (for roofs with slope of 12:12). This is comparable with parapet heights that would be obtained from Section 705.11.1

Cost Impact: The code change proposal will not increase the cost of construction.

Public Hearing Results

Committee Action: **Approved as Submitted**

Committee Reason: The relationship of a fire wall to adjacent roofs that are sloping towards the fire wall is currently not addressed in the code and this proposal clearly describes this condition and provides reasonable fire wall continuity requirements.

Assembly Action: **None**

Final Hearing Results

FS27-09/10 **AS**

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Code Change No: FS29-09/10

Original Proposal

Section(s): 707.3.8, 901.7; 901.4.3

Proponent: Marshall Klein PE, Marshall A. Klein & Associates Inc., representing Marshall A. Klein & Associates, Inc.

THIS IS A 2 PART CODE CHANGE. BOTH PARTS WILL BE HEARD BY THE IBC FIRE SAFETY COMMITTEE. SEE THE TENTATIVE HEARING ORDERS FOR THE FIRE SAFETY COMMITTEE.

PART I – IBC FIRE SAFETY

Revise as follows:

707.3.8 Separation of mixed occupancies. Where the provisions of Section 508.4 are applicable, the fire barrier or horizontal assembly separating mixed occupancies shall have a fire-resistance rating of not less than that indicated in Section 508.4 based on the occupancies being separated to comply with the allowable area requirement of Section 508.4. For purposes of determining the size of fire areas for requiring a fire protection system in accordance with Chapter 9, such fire areas shall be separated by fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 712, or both, having a fire-resistance rating of not less than that determined in accordance with Table 707.3.9.

901.7 Fire areas. For purposes of determining fire protection system requirements in accordance with this chapter, where buildings, or portions thereof, are divided into fire areas so as not to exceed the limits established for requiring a fire protection system in accordance with this chapter, such fire areas shall be separated by fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 712, or both, having a fire-resistance rating of not less than that determined in accordance with Section 707.3.8 or Section 707.3.9, as applicable.

PART II – IFC

Add new text as follows:

901.4.3 Fire areas. For purposes of determining fire protection system requirements in accordance with this chapter, buildings, or portions thereof, divided into fire areas shall be separated by fire barriers constructed in accordance with the International Building Code and having a fire-resistance rating of not less than that determined in accordance with the International Building Code Section 707.3.8 or Section 707.3.9, as applicable.

Reason: This code proposal is strictly editorial and for correlation of requirements between the IBC and IFC with no intent to change the requirements under the Codes.

In the July-August 2008 Building Safety Journal there was an article entitled “Fire Barrier Ratings in Separated Mixed Occupancies”, by Kevin Scott, ICC Senior Regional Manager of Fire Services Activities. That article explained the application of the code requirements that were unclear to many users of the Code on this subject. FS34-07/08 was a good start on clarifying IBC Section 707.3.9 last code cycle on this issue. This code proposal is attempting to further help clarify this issue in the other relevant sections of the I Codes by adding the appropriate text into the IBC and IFC Codes to properly state what Mr. Scott noted in his article was the intent of the Code.

Part I of this code proposal adds to the IFC Code new Section 901.4.3, “Fire areas”, to correlate with the identical existing IBC Section 901.7, “Fire areas”.

Part II of this code proposal adds to IBC Section 707.3.8, “Separation of mixed occupancies”, the clarification that the provisions of Section 508.4, “Separated occupancies”, also apply to horizontal assemblies as well as to the vertical fire barriers. This section will now correlate with Section 707.3.9, “Fire areas” that also applies to both fire barriers and horizontal assemblies.

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In summary, this code proposal provides the code text language clarifications that follow the explanation of the code's intent based on the article in the July-August 2008 Building Safety Journal, by Kevin Scot, ICC Senior Regional Manager of Fire Services Activities.

Cost Impact: This code change proposal will not increase the cost of construction.

Public Hearing Results

PART II- IFC
Committee Action: **Approved as Modified**

Replace the proposal as follows:

901.4.3 Fire areas. Where buildings, or portions thereof, are divided into *fire areas* so as not to exceed the limits established for requiring a *fire protection system* in accordance with this chapter, such fire areas shall be separated by *fire barriers* or *horizontal assemblies*, or *both*, constructed in accordance with the *International Building Code* having a *fire-resistance rating* of not less than that determined in accordance with the *International Building Code* Section 707.3.9.

Committee Reason: The committee agreed that adding these fire area provisions in the *International Fire Code* would appropriately coordinate the IBC and the IFC.

Assembly Action: **None**

Final Hearing Results

FS29-09/10, Part II **AS**

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