

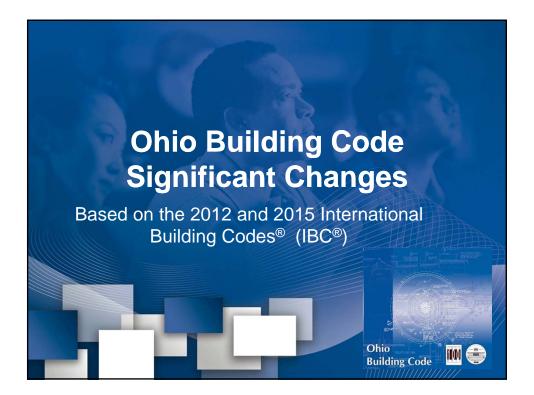
Ohio Building Code Update

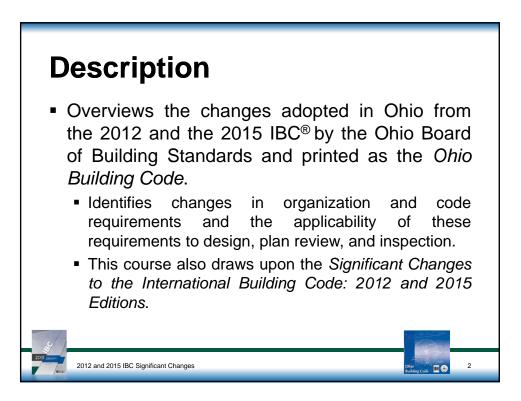
Presenter: Steven Regoli

Tuesday, September 12, 2017

8:00 AM - 11:15 AM



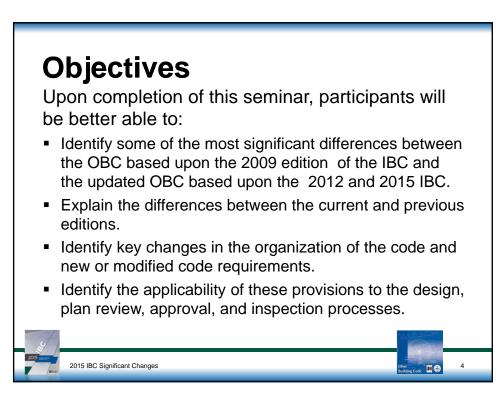


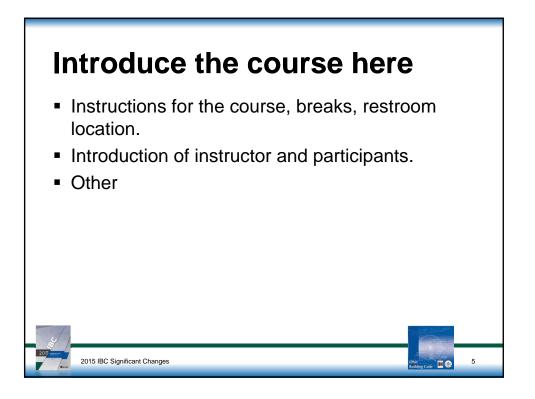


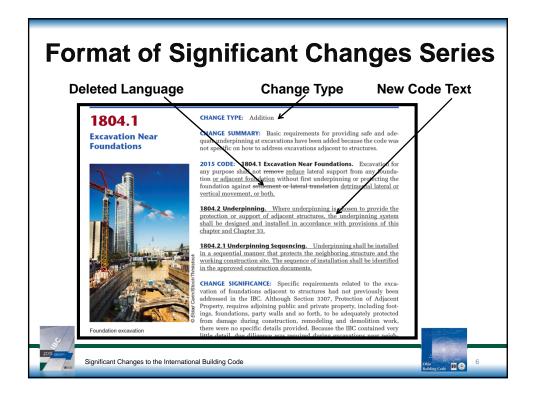
Goal

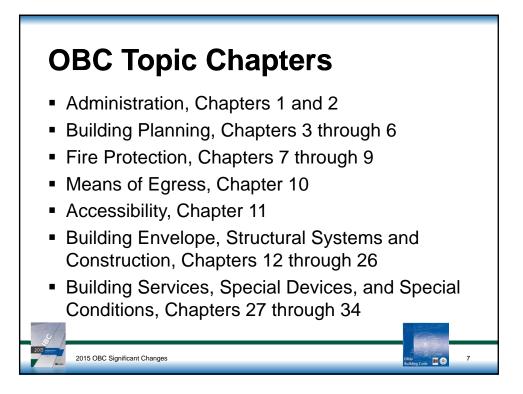
2012/2015 IBC Significant Changes

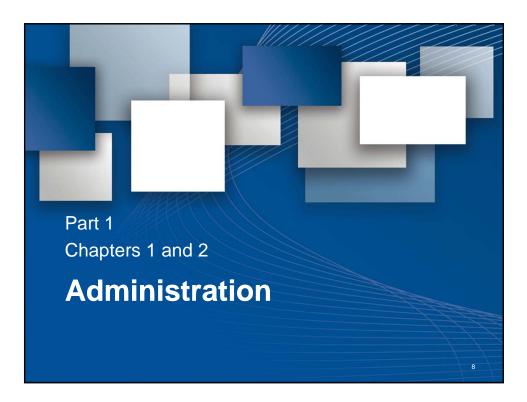
 The use of the Significant Changes to the International Building Code[®] 2012 and 2015 Editions allows building officials, fire officials, plans examiners, inspectors, design professionals, contractors, and others in the construction industry to become familiar with many of the important changes in the updated Ohio Building Code[®] (OBC).

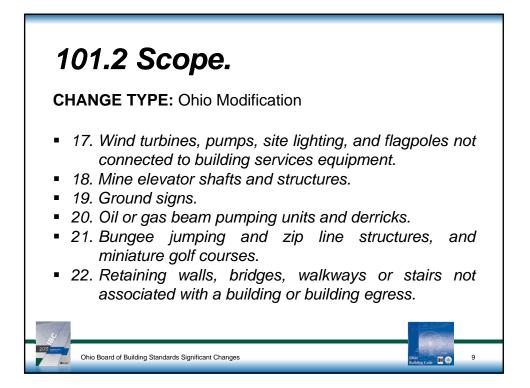


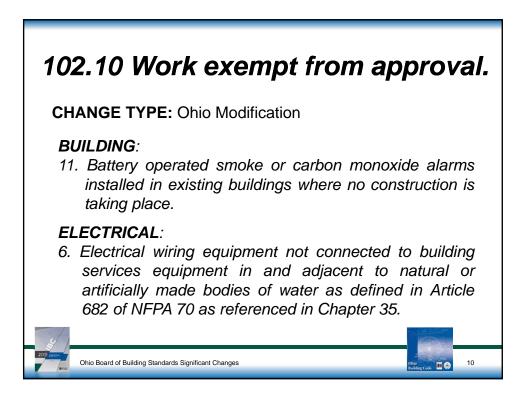


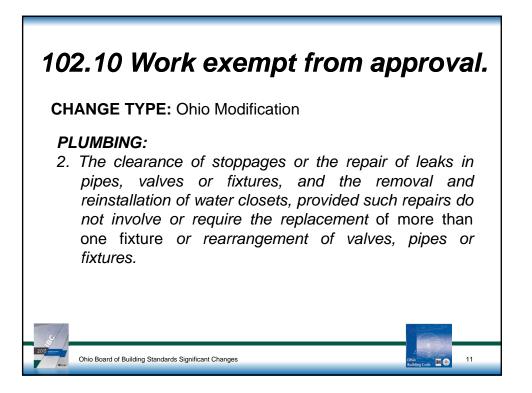


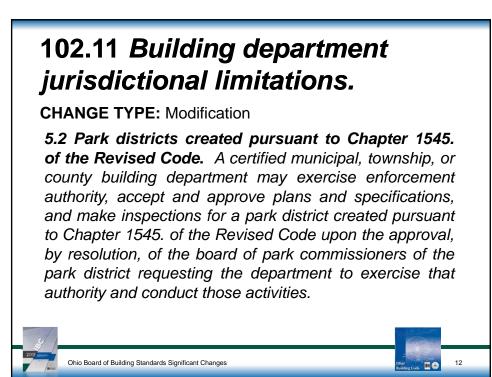










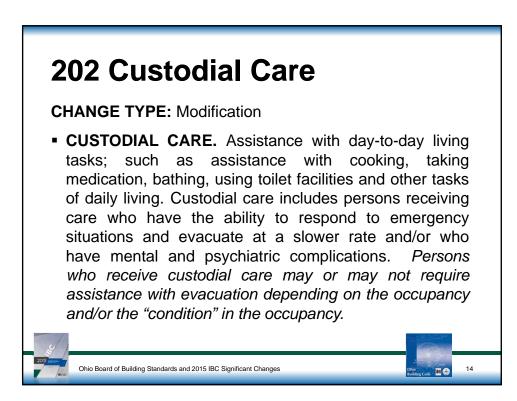


202 Care Facility

CHANGE TYPE: Modification

Ohio Board of Building Standards Significant Changes

 CARE FACILITY. A building or portion of a building that is held out to the public for and intended to provide all the following: (1) housing or accommodation; (2) personal, custodial, or medical care; and (3) a supervised environment. Care provided in a dwelling or dwelling unit that is the permanent residence of the care provider is not a care facility.

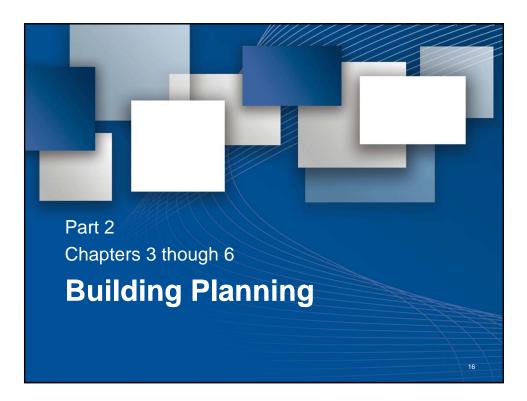


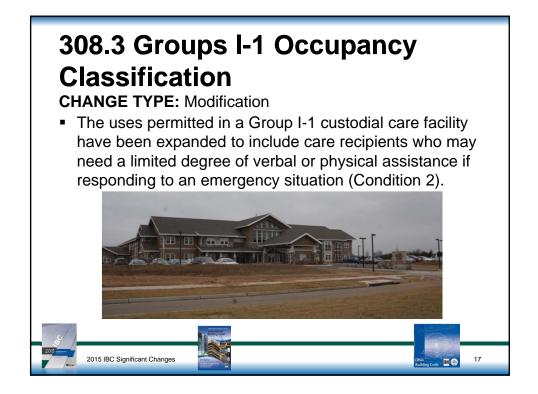
202 Platform

CHANGE TYPE: Clarification

 202. Platform. A raised area within a building used for worship, the presentation of music, plays or other entertainment; the head table for special guests; the raised area for lecturers and speakers; boxing and wrestling rings; theater-in-the-round stages; and similar purposes wherein, other than horizontal sliding curtains, there are no overhead hanging curtains, drops, scenery or stage effects other than lighting and sound. A temporary platform is one installed for not more than 30 days.







308.4 Group I-2 Occupancy Classification CHANGE TYPE: Modification

 Two basic conditions of Group I-2 medical care uses that have previously been regulated together as a single category have been created, dividing the classification into short-term care facilities, such as hospitals (Condition 2), and long-term care facilities, such as nursing homes (Condition 1).



Chapter 3 Simplification

CHANGE TYPE: Modification

 301.1 Scope. The provisions of this chapter shall control the classification of all buildings and structures as to use and occupancy and are established to organize and prescribe the appropriate features of construction and occupant safety requirements for buildings and are not established for compliance with any conditions of licensure which are outside the jurisdiction of this code...

Chapter 3 Simplification

CHANGE TYPE: Modification

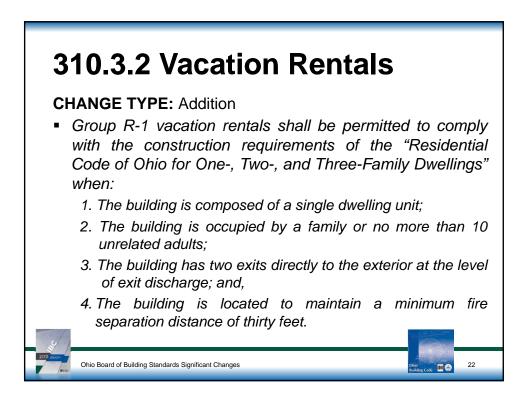
Ohio Board of Building Standards Significant Changes

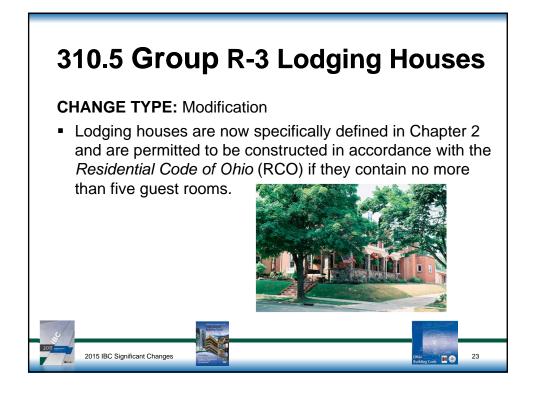
Ohio Board of Building Standards Significant Changes

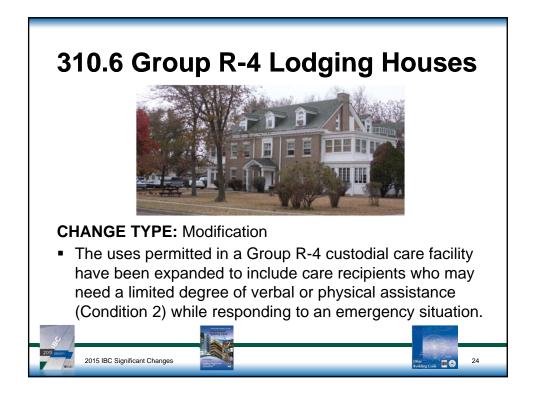
There may be other requirements owners may be required to meet as set forth by other licensing agencies such as the Ohio State Fire Marshal, Ohio Department of Health, the Ohio Department of Jobs and Family Services, Ohio Department of Mental Health and Addiction Services, Ohio Department of Developmental Disabilities, federal agencies, or other licensing authorities. Owners and designers should investigate these additional licensing agency requirements to ensure they are incorporated into the building design before submitting to the certified building department for plan approval.

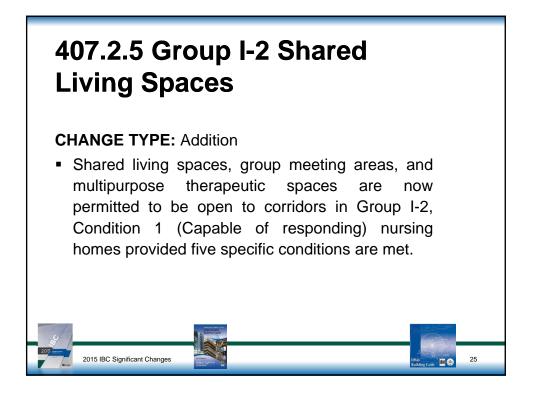
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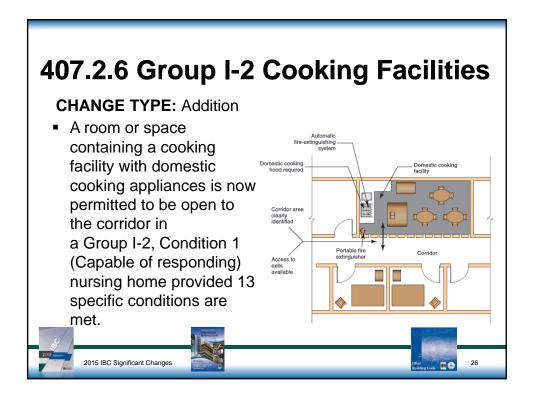
	odification			
	OCCUPANCY CLASSIFICATION OF			
Capability of Oscoperts Capable of responding to emergency situation without assistance	Type of Care Facilities Alcohol & dog center; assisted Tuing: congregate care; group home; halfway house; residential board & care; social sehabilitation	1-5 Decements In 1-family deterling Within the scope of #CD Not in a divetting #-3 Sec. 110.5.1 In 2-or 3-family deterling	4-14 Decepants R-4, Candition 1 Sec. 205.3.2 & 310.4.1.1	Here Than 14 Occupe
Capable of responding to emergency situation but with limited very or physical assistance	lal Alcohol & dog center, axiand living congregate care; group home; halfway house; midential based & care; social solubilization	B.3 ⁻⁴⁶ Ber. 310.8.2 In 14 anity downling Veltoin the accept of RCO Not in a diverting Bell Ser. 310.8.1 Be 2 or 3- femily downling B.3 ⁻⁴⁶	R-4, Canalitian 2 Sec. 306.3.2 & 310.6.1.2	H Condition 2 Sec 308.3.1.2
Incapulate of self-preservation	Nuning homes, featur care facilities; facilities providing moning and molical care but without energency, surgery or obstatic services, or inpatient sublication for psychiatic or describitation.	8,3 ⁻⁴ 56, 310.5.2 16 1; 2; 60 3 Ganity directing, 8,3 ⁴⁴ 567, 310.8.2 8,3 ⁴⁴ 567, 100.4.2, 110.5.2	H2 Canalitian 1 Sec. 100.4.1.1	H2 Condition 1 Sec. 308.4.1.1
	Hespitale; facilities providing nuning and medical care including emergency, surgery or obstetric services, or inputient stabilization for psychiatric or detaulication.	8-3 ⁴⁴ Sec. 308.4.2, 310.5.2	H2 Condition 2 Sec. 308.4.1.2 H3 Condition 1 Sec	
Cenerally incapable of self-preservation due to security measures n under the occupant's control	prisers, referradories	Same as primary occupancy of building	1-3 Condition 2 Sec 1-3 Condition 3 Sec 1-3 Condition 4 Sec 1-3 Condition 5 Sec	308.5.1.3 308.5.1.4
Age and Capability of Occupants	Lass Thom 24 HOURS Type of Care Facilities	1-5 in a Dwelling Unit	1-6 Occupants	6 er Mere Occupan
Capable of self-preservation, receiving personal care services only Capable of self-preservation with limited verbal or physical assistance	NOT a care facility Adult day care	Not in a dwelling, in a dwelling unit	as primary occupancy of building Same as primary occupancy of building	н
Incapable of self-preservation		8-3" Sec.310.5.1	Sec. 308.6.2 & 308.6.3 Same as primary occupancy of building	Sec. 308.6
291 years or less and older where incapable of self-preservation	Day care; adult care	8-3" Sec. 308.4.4	Sec. 308.4.2 & 308.4.3	Sec. 308.4
Older than 2% years and 12" grade or younger	Day care, child care, education	345. 305.2.3	Same as primary occupancy of building Sec. 305.2.1 & 305.2.2	Sec 305.1,305.2,308.4
Any age - Capable of self-preservation receiving medical care	Outpatient clinic; doctor's office	NP, Change of Occupancy	B Sec. 304.1	B Sec. 304.1
Any age - Rendered incapable of self-preservation receiving medical care	Amountary care acting	NP, Change of Occupancy	8 Sec. 304.1 & 422	B Sec. 304.1 & 422
	FAMILY DAY CARE HOME	Type of Home	in a Dwelling Exempt from the rules	100

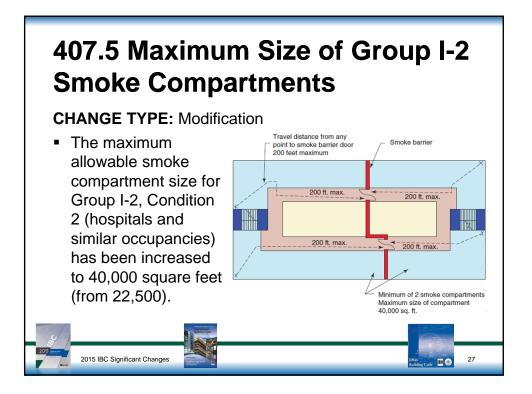


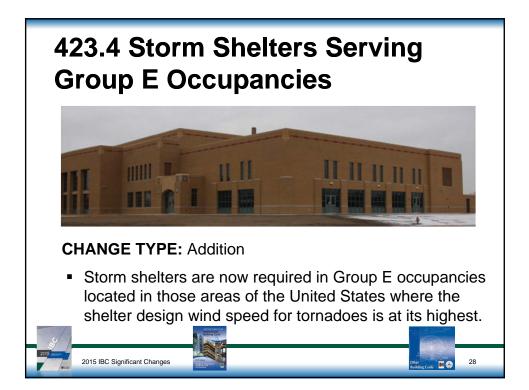




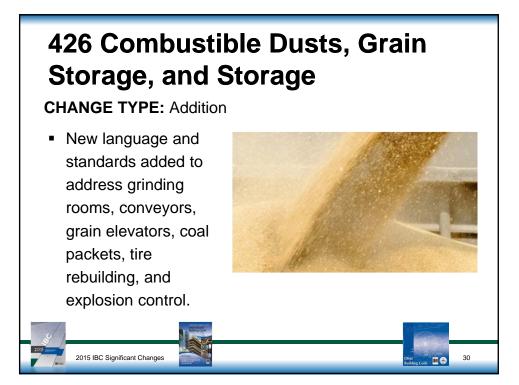


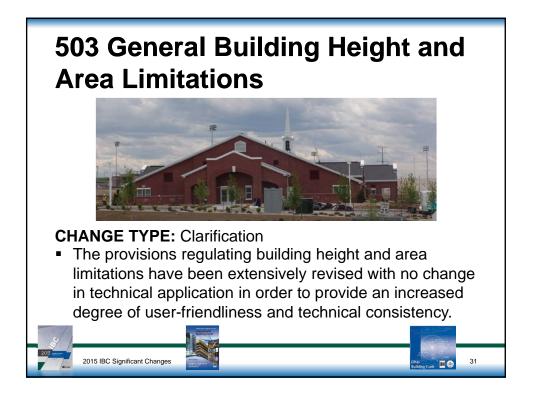










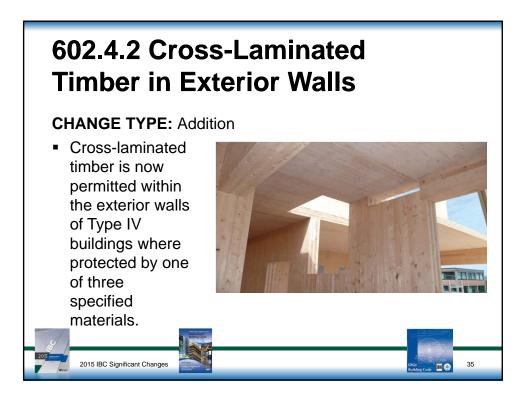


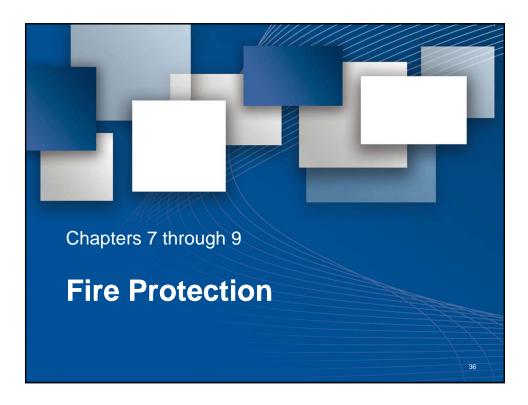
Tables 504.3, 504.4 Building Height and Number of Stories

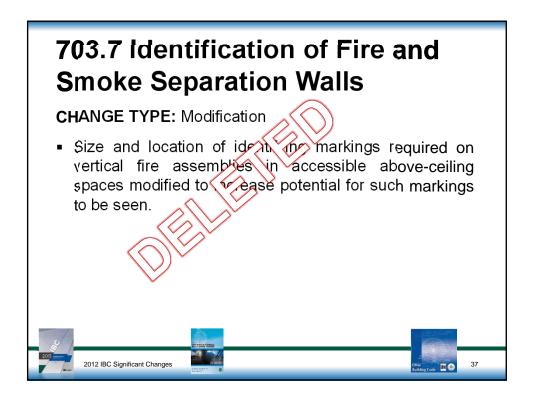
		Type of Construction									
Occupancy		Type I		Туре П		Type III		Type IV	Type V		
Classification	See Footnotes	Α	В	А	В	А	В	HT	А	В	
A,B,E,F,M,S,U	NS ^b	UL	160	65	55	65	55	65	50	40	
	<u>s</u>	UL	180	85	75	85	75	85	<u>70</u>	<u>60</u>	
H-1, H-2, H-3, H-5	NS ^{c,d} S	UL	160	65	55	65	55	65	50	40	
out with an automatic	; NS = Buildings not eo sprinkler system instal e 504.3 is shown above.	led in acco					stem; S =	Buildings equ	iipped thi	ough-	
out with an automatic	sprinkler system instal	led in acco					stem; S =	Buildings equ	iipped thi	ough-	
	sprinkler system instal	led in acco					stem; S =	Buildings equ	iipped thi	ough-	

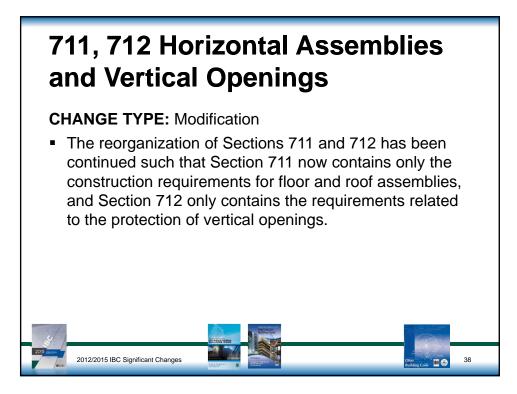
Occupancy Classification		ing Heights and Areas Number of Stories Above Grade Plane Type of Construction									
	See Foot-Notes	Type I		Туре II		Type III		Type IV	Type V		
		A	В	Α	В	Α	В	HT	Α	В	
-1	NS	UL	5	3	2	3	2	3	2	1	
	<u>S</u>	UL	<u>6</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>2</u>	
-2	NS	UL	11	3	2	3	2	3	2	1	
	<u>S</u>	UL	<u>12</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>2</u>	
-3	NS	UL	11	3	2	3	2	3	2	1	
	<u>S</u>	UL	<u>12</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>2</u>	
out with an automatic	; NS = Buildings not eq sprinkler system install e 504.4 is shown above.)	ed in acco				rinkier sy:	stem; 5 =	bunanigs equ	ipped uir	ougn-	

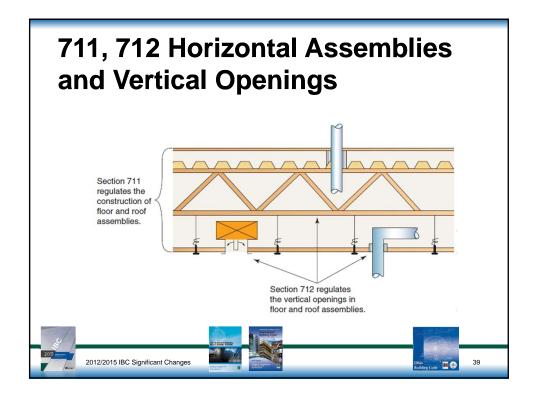
Table 506 2 Building Area														
Table 506.2 Building Area														
CHANGE TYPE: Clarification														
ABLE 503 506.2 ^{a.b} Allowable Building Heights and Areas Factor (A, = NS, S1, S13R or SM, as applicable)														
		0	0		<u>ī</u>									
Type of Construction														
See	Type I		Type II		Type III		Type IV	Type IV Type						
Footnotes	Α	В	А	В	Α	В	HT	Α	В					
NS	UL	UL	15,500	8,500	14,000	8,500	15,000	11,500	5,500					
<u>S1</u>	UL	UL	62,000	34,000	56,000	34,000	60,000	46,000	22,000					
<u>SM</u>	UL	UL	46,500	25,500	42,000	25,500	45,000	34,500	<u>16,500</u>					
NS	UL	UL	15,500	9,500	14,000	9,500	15,000	11,500	6,000					
<u>S1</u>	UL	UL	<u>62,000</u>	<u>38,000</u>	<u>56,000</u>	<u>38,000</u>	<u>60,000</u>	<u>46,000</u>	<u>24,000</u>					
<u>SM</u>	UL	UL	46,500	28,500	42,000	28,500	45,000	34,500	<u>18,000</u>					
NS	UL	UL	15,500	9,500	14,000	9,500	15,000	11,500	6,000					
<u>S1</u>	UL	UL	<u>62,000</u>	<u>38,000</u>	<u>56,000</u>	<u>38,000</u>	<u>60,000</u>	46,000	24,000					
<u>SM</u>	UL	UL	<u>46,500</u>	<u>28,500</u>	<u>42,000</u>	<u>28,500</u>	<u>45,000</u>	<u>34,500</u>	<u>18,000</u>					
		Bing Code												
	E TYPE: Allowable in Square 1 See Footnotes NS S1 SM NS S1 SM NS S1 SM	E TYPE: Cla Allowable Buildi in Square Feet See Typ Footnotes A NS UL S1 UL S1 UL SM UL NS UL S1 UL S1 UL S1 UL S1 UL S1 UL S1 UL	E TYPE: Clarifi Allowable Building He in Square Feet Footnotes A B NS UL UL SM UL UL	E TYPE: Clarification Allowable Building Heights and in Square Feet Type I Typ Type I Typ Footnotes A B A NS UL UL Type Footnotes A B A NS UL UL 15,500 SM UL UL 46,500 SM UL UL 62,000 SM UL UL 46,500 SM UL UL 46,500 SM UL UL 46,500 SM UL UL 46,500 SM UL UL 15,500 S1 UL UL 2,200 S1 <th colspan="2" t<="" td="" ul<=""><td>E TYPE: Clarification Allowable Building Heights and Areas Factors Image: See Feet Type I Type I Type I Type I Type I Footnotes A B A B NS UL UL 15,500 8,500 S1 UL UL 46,500 25,500 S1 UL UL 46,500 28,000 SM UL UL 46,500 28,500 S1 UL UL 46,500 28,500 S1 UL UL UL 46,500 28,500 S1 UL UL UL 46,500 28,500 S1 S1 UL UL UL 52,000 38,000 S1 S1 S</td><td>Type: Clarification Allowable Building Heights and Areas Factor [A₁ = in Square Feet Type I Type of Col See Type I Type of Col Footnotes A B A B NS UL UL Type II Type See Type I Type of Col Footnotes A B A B NS UL UL 5,000 34,000 56,000 SM UL UL 15,500 9,500 14,000 SI UL UL 16,500 38,000 56,000 SM UL UL 14,000 SI 0 28,000 28,000 28,000 <th cols<="" td=""><td></td><td></td><td>Type I Type I Type II <th additedown="" aditedown="" aditedown<="" colspan="2" display="2" td=""></th></td></th></td></th>	<td>E TYPE: Clarification Allowable Building Heights and Areas Factors Image: See Feet Type I Type I Type I Type I Type I Footnotes A B A B NS UL UL 15,500 8,500 S1 UL UL 46,500 25,500 S1 UL UL 46,500 28,000 SM UL UL 46,500 28,500 S1 UL UL 46,500 28,500 S1 UL UL UL 46,500 28,500 S1 UL UL UL 46,500 28,500 S1 S1 UL UL UL 52,000 38,000 S1 S1 S</td> <td>Type: Clarification Allowable Building Heights and Areas Factor [A₁ = in Square Feet Type I Type of Col See Type I Type of Col Footnotes A B A B NS UL UL Type II Type See Type I Type of Col Footnotes A B A B NS UL UL 5,000 34,000 56,000 SM UL UL 15,500 9,500 14,000 SI UL UL 16,500 38,000 56,000 SM UL UL 14,000 SI 0 28,000 28,000 28,000 <th cols<="" td=""><td></td><td></td><td>Type I Type I Type II <th additedown="" aditedown="" aditedown<="" colspan="2" display="2" td=""></th></td></th></td>		E TYPE: Clarification Allowable Building Heights and Areas Factors Image: See Feet Type I Type I Type I Type I Type I Footnotes A B A B NS UL UL 15,500 8,500 S1 UL UL 46,500 25,500 S1 UL UL 46,500 28,000 SM UL UL 46,500 28,500 S1 UL UL 46,500 28,500 S1 UL UL UL 46,500 28,500 S1 UL UL UL 46,500 28,500 S1 S1 UL UL UL 52,000 38,000 S1 S1 S	Type: Clarification Allowable Building Heights and Areas Factor [A ₁ = in Square Feet Type I Type of Col See Type I Type of Col Footnotes A B A B NS UL UL Type II Type See Type I Type of Col Footnotes A B A B NS UL UL 5,000 34,000 56,000 SM UL UL 15,500 9,500 14,000 SI UL UL 16,500 38,000 56,000 SM UL UL 14,000 SI 0 28,000 28,000 28,000 <th cols<="" td=""><td></td><td></td><td>Type I Type I Type II <th additedown="" aditedown="" aditedown<="" colspan="2" display="2" td=""></th></td></th>	<td></td> <td></td> <td>Type I Type I Type II <th additedown="" aditedown="" aditedown<="" colspan="2" display="2" td=""></th></td>			Type I Type I Type II Type II <th additedown="" aditedown="" aditedown<="" colspan="2" display="2" td=""></th>		

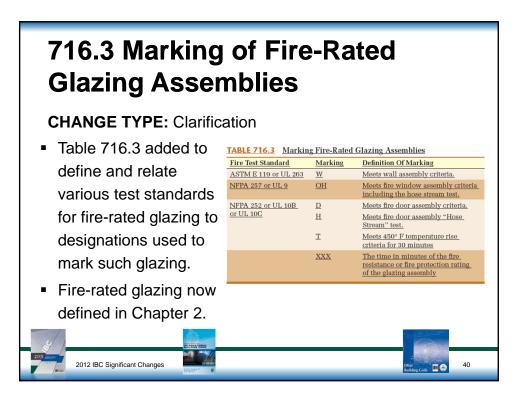


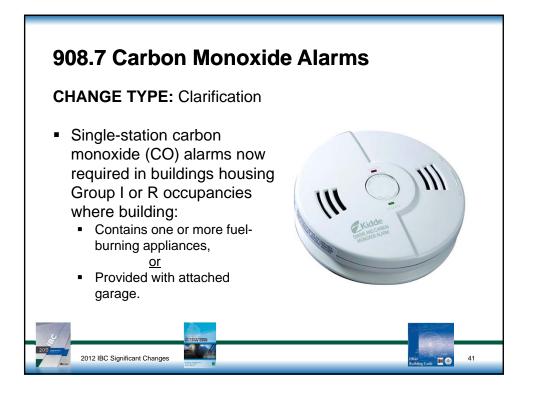


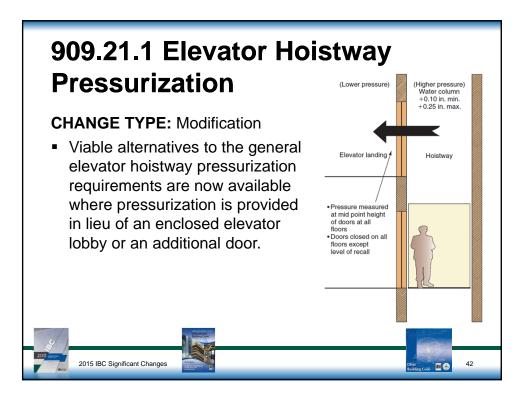


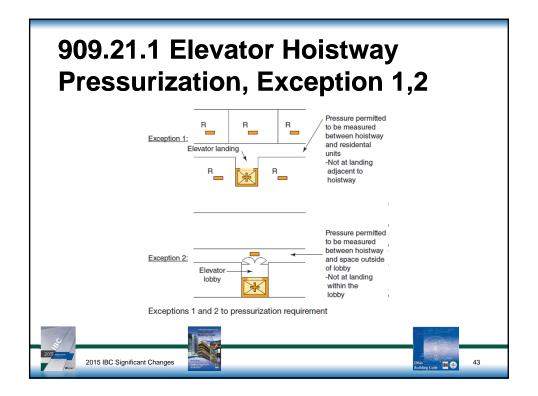


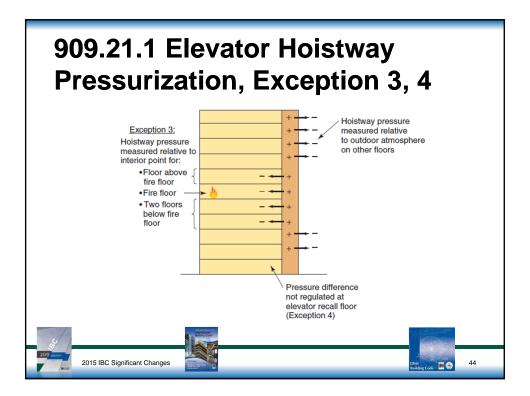


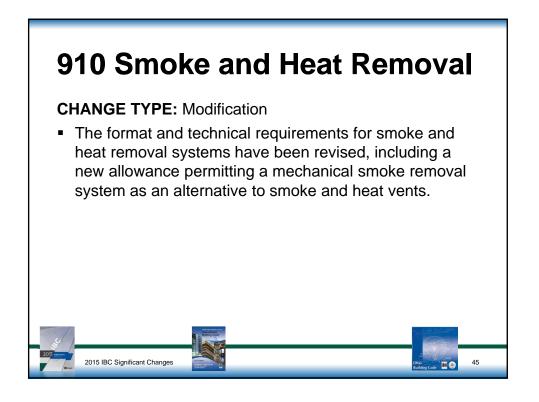


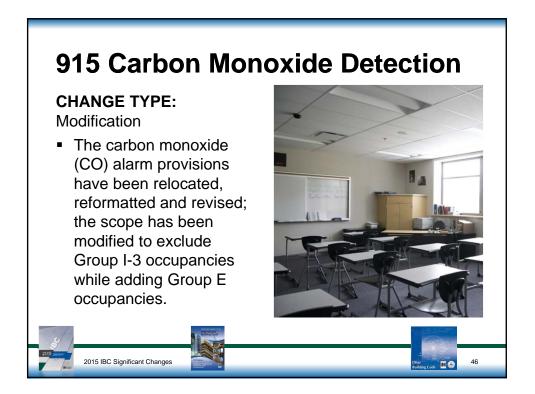


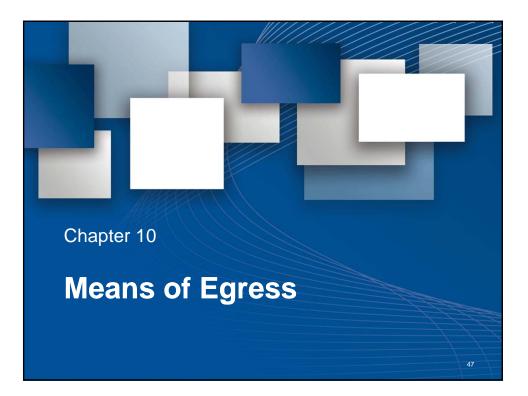


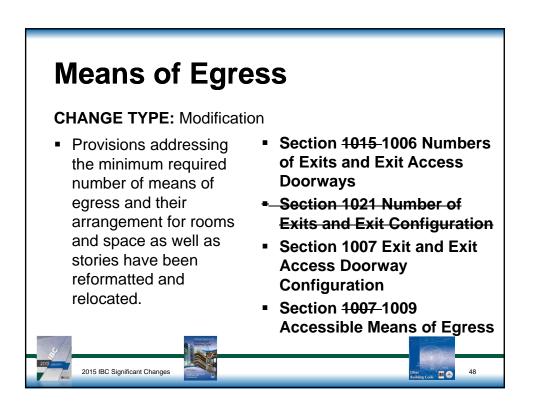


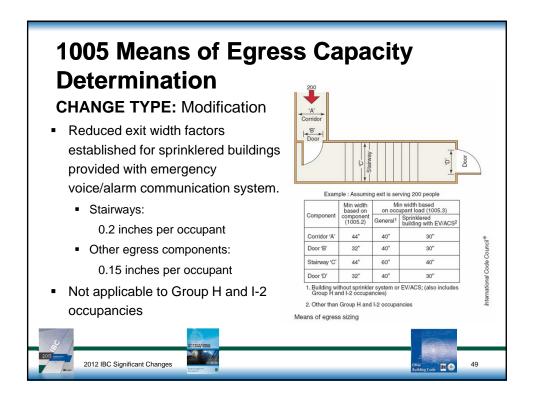


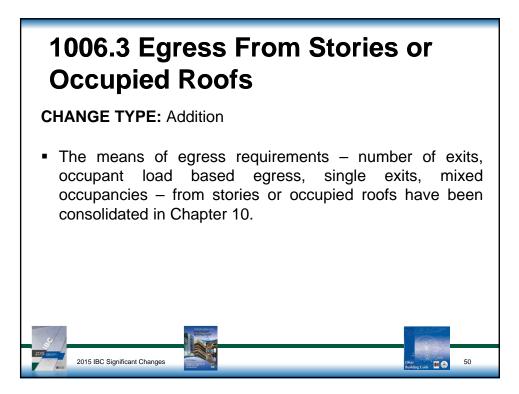




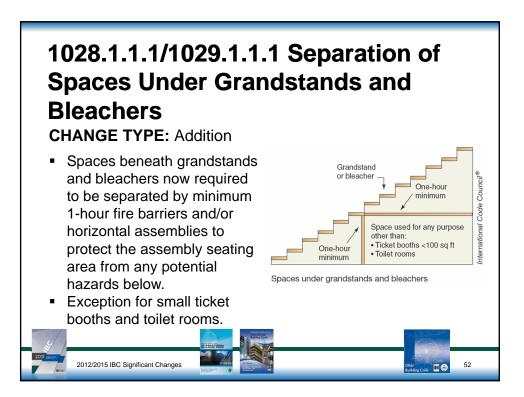


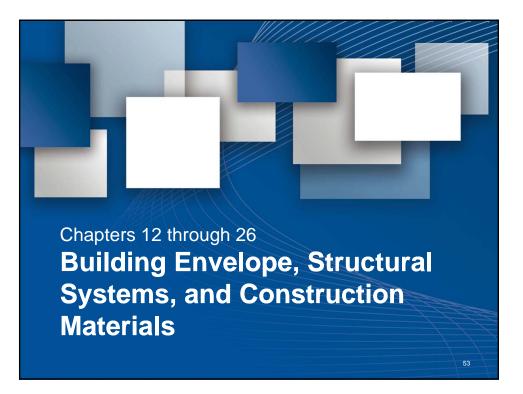


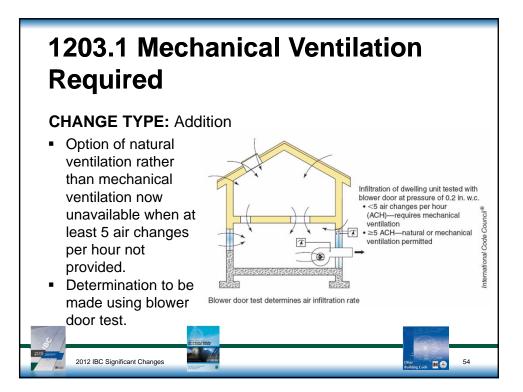


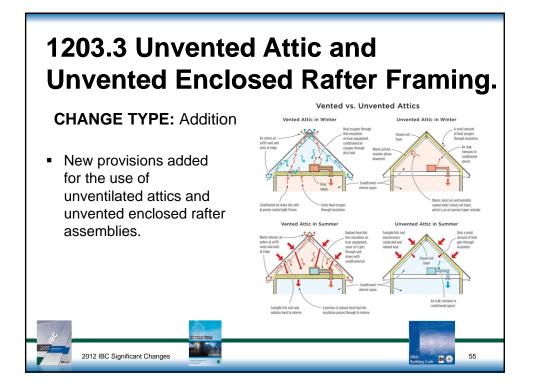










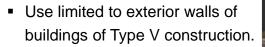


1404.12, 1405.18 Polypropylene Siding CHANGE TYPE: Addition

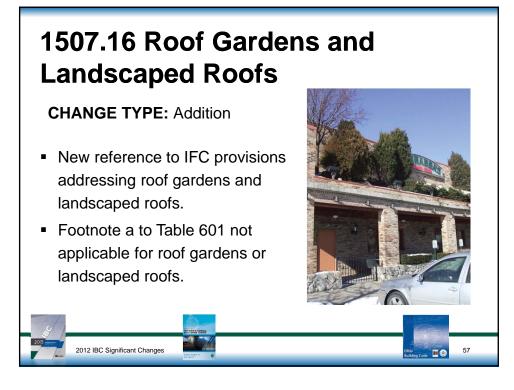
- Polypropylene siding now regulated for:
 - Flame-spread

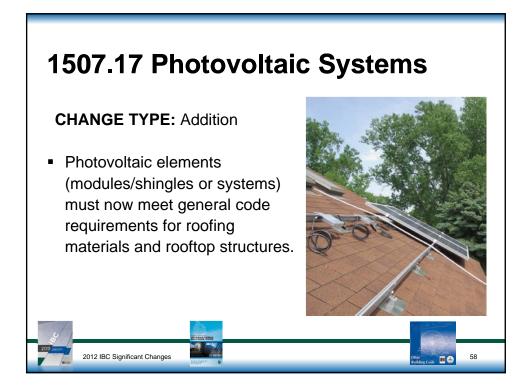
2012 IBC Significant Changes

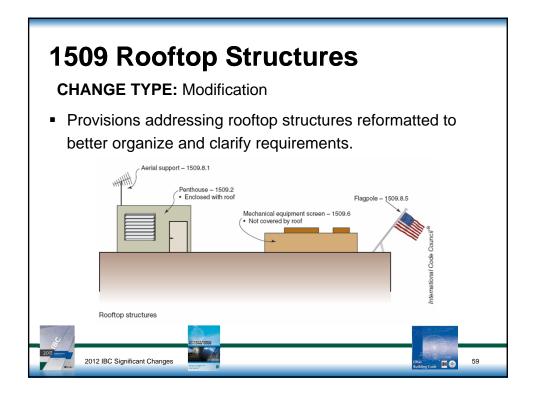
- Testing requirements
- Fire-separation distance.

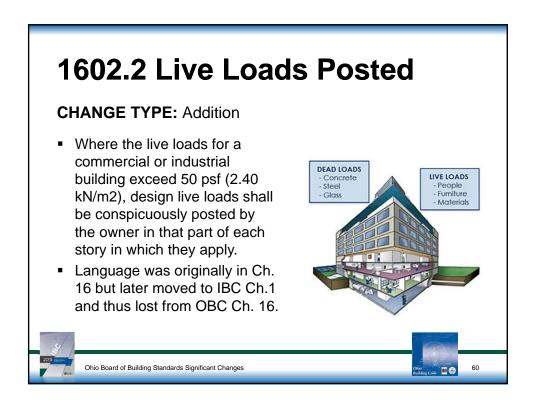


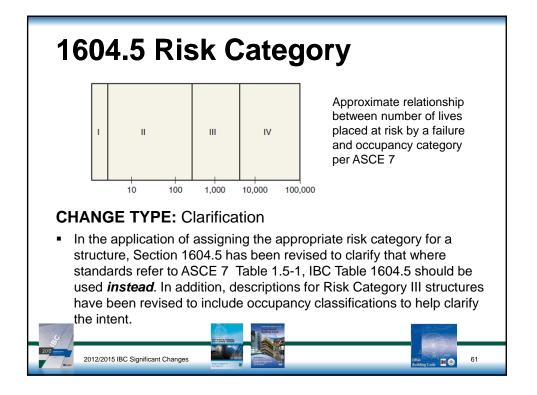


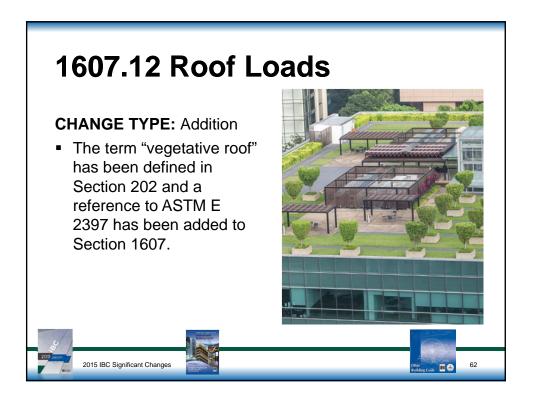


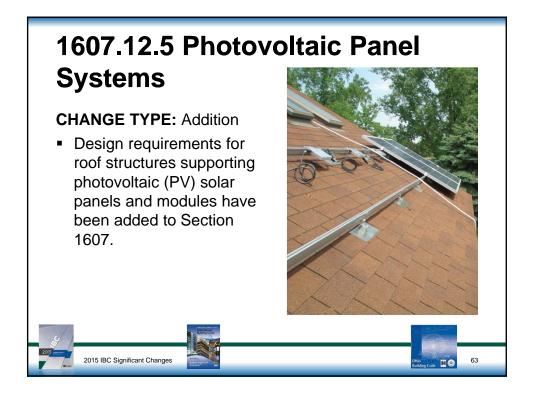


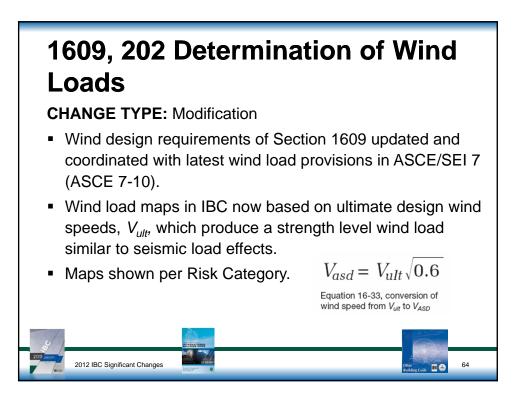












1704.3 Statement of Special Inspections

CHANGE TYPE: Modification

 Provisions requiring specific items to have special inspection and what information is required to be included in the statement of special inspections have been clarified and coordinated, with previous conflicts between the two being resolved.









