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706 FIRE WALLS	707 FIRE BARRIERS	709 FIRE PARTITIONS	710 SMOKE BARRIERS	711 SMOKE PARTITIONS		
702.1 Definitions FIRE WALL A fire-resistance-rated wall having protected openings, which restricts the spread of fire and extends continuously from the foundation to or through the roof, with sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall.	702.1 Definitions FIRE BARRIER A fire-resistance-rated wall assembly of materials designed to restrict the spread of fire in which continuity is maintained.	702.1 Definitions FIRE PARTITION A vertical assembly of materials designed to restrict the spread of fire in which openings are protected.	702.1 Definitions SMOKE BARRIER A continuous membrane, either	702.1 Definitions None		
the provisions of this section shall be considered a separate building. The extent and location of such fire walls shall provide a complete separation.	707.1 General. Fire barriers installed as required elsewhere in this code or the International Fire Code shall comply with this section. Required in code sections: 402 Covered Mall Bldgs 404 Atrium 410.5 et al Dressing and appurtenant rooms. 412 Airport Traffic Control Towers/Hangers 414.2 Control areas 415.6.1.2 H-2 Grinding rms 415.7.2 H-3 & 4 Gas rooms 415.8.2.2 H-5 Separation 416.2 Spray rooms 418 Organic Coatings 421 Hydrogen Cutoff Rms 507.3.1 Mixed occ bldgs w/Groups A-1 and A-2. 508.2 Accessory occupancies. (See commentary) 508.4 Separated occupancies 509.7 & 8 Open parking garage 702.1 Shaft Enclosure (C) 706.1 Info in Commentary		308.1 Institutional Group I. 403.6.2 Occupant evacuation elevators. 405 Underground Buildings 407 Group I-2 408 Group I-3 422 Group B ambulatory health care facilities. 508.2.5.2 Nonfire-resistance-rated separation and protection. 909 Mechanical or Passive Smoke Control Systems 909.5 Smoke barrier construction 1007.6.2 Separation. Each area of refuge shall be separated from the remainder of the story by a smoke barrier complying with Section 710 1014.2.3.1 Area. Suites of sleeping	711.1 General. Smoke barriers shall comply with this section. Commentary: A smoke partition is intended to provide less protection than a smoke barrier, and is not required to be continuous through the concealed spaces and through the ceiling. The application of smoke partitions is still fairly limited. The smoke partition requirements apply to Section 407.3, which permits corridor walls in Group I-2 to have no fire-resistance rating, but it does require that they be constructed as smoke partitions. A smoke partition can also be used under the provisions of Section 708.14.1, Exception 5, to form the elevator lobby in a sprinklered building. 308.4 Group I-3. (smoke compartments) 405 ??		
706.2 Structural stability.			exceed 10.000 square feet (929 m2)			
any approved noncombustible	of materials permitted by the building	materials permitted by the building type	be of materials permitted by the	711.2 Materials. The walls shall be of materials permitted by the building type of construction.		

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Fire walls shall be continuous from staterior wall to exterior surface of the floor or roof-focilling assembly below to the underside of the floor or roof-focilling assembly below to the underside of the floor or roof-focilling assembly above where the foundation or floor-fociling assembly below to the underside of the floor or roof-fociling assembly above or to the fire-resistance-rated from the top of the foundation or floor-fociling assembly above or to the fire-resistance-rated from the top of the foundation or floor-fociling assembly above and shall be securely attached thereto. If the partitions are not combustile combustile combustile and the exterior su	700 511			11410000		
exterior wall to exterior wall and shall extend at least 18 inches (457 mm) beyond the exterior surface of exterior walls. (See exceptions) 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. (See exceptions) (See exceptions) 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. (See exceptions) 807.6.6 Vertical continuity. Fire walls shall extend from the foundation to a termination point at least 30 inches (762 mm) above and shall be securely attached the reduction of the foundation of floor/celling assembly below to the underside of the floor or roof sheathing, deck or slab above, and shall be securely attached thereto. Such fire barriers shall be continuous from outside above and shall be securely attached thereto. Such fire barriers shall be continuous from outside wall to outside wall and from the foundation or floor/celling assembly below to the underside of the floor or roof sheathing, deck or slab above, or other the resistance rating of the foundation or floor/celling assembly below to the underside of the floor or roof sheathing, also roof to the foundation or floor/celling assembly below to the underside of the floor or roof sheathing, also do the dabove or to the fire-resistance ration of the foundation or floor/celling assembly below to the underside of the floor or roof sheathing, also do the dabove or to the fire-resistance ration of the floor or roof sheathing, also above, and shall be securely attached thereto. If the partition in a subove, and shall be securely attached thereto. If the partition in a subove, and shall be securely attached thereto. If the partition in a subove and shall be securely attached thereto. If the partition in a subove and shall be securely attached thereto. If the foundation or floor/celling assembly below to the underside of the floor or roof sheathing, also the call above,					711.4 Continuity.	
extend at least 18 inches (457 mm) beyond the exterior surface of exterior wall and stable the underside of the floor or roof sheathing, slab or deck above and shall be securely attached thereto. Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. 706.6 Vertical continuity. Fire walls shall extend from the foundation or floor/ceiling assembly above, and shall be securely attached thereto. Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. 706.6 Vertical continuity. Fire walls shall extend from the foundation or floor/ceiling assembly above, and shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above, and shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above, and shall be securely attached thereto. Such fire barriers shall be constructed of confunction to a termination point at least 30 inches (762 mm) above both adjacent roofs. (See exceptions) (S		ı ·			Smoke partitions shall extend from the	
beyond the exterior surface of exterior walls. (See exceptions) sheathing, slab or deck above and shall be securely attached thereto. Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. 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. (See exceptions) Sheathing, slab or deck above and shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above where the ceiling above where the space in continuous to the sheathing, deck or slab above or to the sheathing, deck or slab above shall be fireblocked or draffstopped in accordance with Sections 712, 2nd 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor continuity and the special protection of the foundation or floor/ceiling assembly below to the underside of the floor or fost sheathing, deck or slab above where the ceiling above where the ceiling above where supported spaces, such as those found above suspended ceiling. Fire walls shall extend from the foundation to a termination or floor/ceiling assembly above, and shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above where the ceiling above where suspended ceiling. Fire walls shall extend from the foundation or floor/ceiling assembly above, and shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above where the ceiling above, and shall be securely attached thereto. If the partitions are not combustive to the sheathing, deck or slab above shall be flexible of the floor or of sheathing, deck or slab above in the floor foor sheathing, deck or slab above in the floor foor sheathing, deck or slab above ind				membrane continuous from outside	top of the foundation or floor below to	
shall be securely attached thereto. Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. 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. (See exceptions) Shall be securely attached thereto. Such fire barriers shall be continuous through concealed spaces, such as those found above shall be securely attached thereto. If the partitions are not continuous to the sheathing, deck or slab above, including continuity through concealed spaces, such as those found above suspended ceilings, and interstitial structural and mechanical spaces. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor composition in horizontal through concealed spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces, such as those found above suspended ceilings, and interstitial spaces where the ceiling above where the ceiling above where thereto. If the partitions are not continuous to the sheathing, deck or slab above, including continuity through concealed spaces. The supporting construction and mechanical spaces. The supporting construction in buricle dividing continuity through concealed thereto. If the partitions are not continuous to the sheathing, deck or slab above, including continuity through concealed spaces. The supporting construction to morried the spaces where the ceiling above where thereto. If the partitions are not continuous to the sheathing, deck or slab above, includin			assembly below to the underside of the		the underside of the floor or roof	
Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. 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. (See exceptions) Such fire barriers shall be continuous through concealed spaces, such as the space above a suspended ceiling. Took of vertical continuity. Fire walls shall extend from the foundation to a termination point at least 30 inches (762 mm) above both adjacent roofs. (See exceptions) Such fire barriers shall be continuous to the sheathing assembly above, and shall be securely attached thereo. If the partitions are not confusuate constructed of combustible construction, the space between the ceiling and the sheathing, deck or slab above shall be fireblocked or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor supported in buildings of other than 179e IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not equired in interstitial spaces where the reling above where thereous floorised or the ceiling above where thereof is above shall be socurely attached thereous. If the partitions are not confinuous to the sheathing, deck or slab above shall be protected to afford the required ceilings, and interstitial structural and mechanical spaces. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor supported in buildings of other than 179e IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not equired in interstitial structural and mechanical spaces. The supporting construction shall be protected to afford the required to afford the required in interstitial structural and mechanical spaces. The supporting construction shall be recurred to afford the required to afford the required to afford the required to afford the requ				the foundation or floor/ceiling assembly	sheathing, deck or slab above or to the	
through concealed spaces, such as the space above a suspended ceiling. Total Continuity. Fire walls shall extend from the foundation to a termination point at least 30 inches (762 mm) above both adjacent roofs. (See exceptions) Total Continuity through concealed spaces, such as the space above a suspended ceiling. Total Continuity through concealed spaces, such as the space above a suspended ceiling. Total Continuity through concealed spaces, such as those found above suspended ceilings, and interestitial structural and mechanical spaces. The supporting construction shall be received to afford the required fire-resistance rating of the wall or floor suspended to afford the required fire-resistance rating of the wall or floor suspended to afford the required fire-resistance rating of the wall supported in buildings of other than Type IIB, IIIB or VB constructed with ceilings that provide resistance to the passage of fire and smoke. Total Total Continuity through concealed spaces, such as those found above suspended ceilings, and interestitial structural and mechanical spaces. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor suspended ceilings, and interestitial structural and mechanical spaces. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-resistance rating of the wall supported in buildings of the wall supported in buildings of the wall or floor susponded to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-resistance rating of the wall or floor susponded to afford the required fire-	i .				underside of the ceiling above where	
Space above a suspended ceiling. To 6.6 Vertical continuity. Fire walls shall extend from the foundation to a termination point at least 30 inches (762 mm) above both adjacent roofs. (See exceptions) Space above a suspended ceiling. thereto. If the partitions are not continuous to the sheathing, deck or slab, and where construction, the space between the ceiling and the sheathing, deck or slab above shall be fireblocked or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor supported in buildings of the wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.	(
Toes. Vertical continuity. continuous to the sheathing, deck or slab, and where constructed of combustible construction, the space between the ceiling and the sheathing, deck or slab above shall be fireblocked or draftstopped in accordance with partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor supported in buildings of other than Type IIB, IIIB or VB constructed in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.	3	space above a suspended ceiling			limit the transfer of smoke.	
Fire walls shall extend from the foundation to a termination point at least 30 inches (762 mm) above both adjacent roofs. (See exceptions) Slab, and where constructed of combustible construction, the space between the ceiling and the sheathing, deck or slab above shall be fireblocked or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction. Exception: Smoke-barrier walls are not required fire-resistance rating of the wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.	706.6 Vertical continuity.					
combustible construction, the space between the ceiling and the sheathing, deck or slab above shall be fireblocked or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-sistance rating of the wall or floor supported in buildings of other than Type IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not required in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance rating of the wall or floor supported in buildings of other than Type IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not required in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.	Fire walls shall extend from the			structural and machanical enaces. The		
between the ceiling and the sheathing, deck or slab above shall be fireblocked or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor supported in buildings of other than Type IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not required in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.	foundation to a termination point at		combustible construction, the space			
deck or slab above shall be fireblocked or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall or floor supported in buildings of other than Type IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not required in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.	, ,					
or draftstopped in accordance with Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction. supported in buildings of other than Type IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not required in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.	1 '			resistance rating of the wall or floor		
Sections 717.2 and 717.3 at the partition line. The supporting construction shall be protected to afford the required fire-resistance rating of the wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction. Type IIB, IIIB or VB construction. Exception: Smoke-barrier walls are not required in interstitial spaces where such spaces are designed and constructed with ceilings that provide resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.	(See exceptions)					
construction shall be protected to afford the required fire-resistance rating of the wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.				Type IIB, IIIB or VB construction.		
the required fire-resistance rating of the wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.			partition line. The supporting	Exception: Smoke-barrier walls are not		
wall supported, except for walls separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.			construction shall be protected to afford	required in interstitial spaces where		
separating tenant spaces in covered mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction. resistance to the passage of fire and smoke equivalent to that provided by the smoke-barrier walls.		4	the required fire-resistance rating of the	such spaces are designed and		
mall buildings, walls separating dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.		wit	wall supported, except for walls	constructed with ceilings that provide		
dwelling units, walls separating sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.				resistance to the passage of fire and		
sleeping units and corridor walls in buildings of Type IIB, IIIB and VB construction.						
buildings of Type IIB, IIIB and VB construction.				the smoke-darrier walls.		
construction.			buildings of Type IIB IIIR and VR	20.0		
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706 FIRE WALLS	707 FIRE BARRIERS	DRAFTDRAFTDRAF		
706.7 Combustible framing in fire walls. Adjacent combustible members entering into a concrete or masonry fire wall from opposite sides shall not have less than a 4-inch (102 mm) distance between embedded ends.	707.4 Exterior walls. Where exterior walls serve as a part of a required fire-resistance-rated shaft or exit enclosure, or separation, such walls shall comply with the requirements of Section 705 for exterior walls and the fire-resistance-rated enclosure or separation requirements shall not apply.	709.5 Exterior walls. Where exterior walls serve as a part of a required fire-resistance-rated separation, such walls shall comply with the requirements of Section 705	710 SMOKE BARRIERS	711 SMOKE PARTITIONS
706.8 Openings. Each opening through a fire wall shall be protected in accordance with Section 715.4 and shall not exceed 156 square feet (15 m2). The aggregate width of openings at any floor level shall not exceed 25 percent of the length of the wall. Exceptions: 1. Openings are not permitted in party walls constructed in accordance with Section 706.1.1. 2. Openings shall not be limited to 156 square feet (15 m2) where both buildings are equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1.	(See exceptions) 707.6 Openings. Openings in a fire barrier shall be protected in accordance with Section 715. Openings shall be limited to a maximum aggregate width of 25 percent of the length of the wall, and the maximum area of any single opening shall not exceed 156 square feet (15 m2). Openings in exit enclosures and exit passageways shall also comply with Sections 1022.3 and 1023.5, respectively. Exceptions:	709.6 Openings. Openings in a fire partition shall be protected in accordance with Section 715.	710.5 Openings. Openings in a smoke barrier shall be protected in accordance with Section 715. Exceptions	711.5 Openings. Windows shall be sealed to resist the free passage of smoke or be automatic-closing upon detection of smoke. Doors in smoke partitions shall comply with this section. 1 Louvers. Doors in smoke partitions shall not include louvers. 2 Smoke and draft control doors. Where required elsewhere in the code, doors in smoke partitions shall meet the requirements for a smoke and draft control door assembly tested in accordance with UL 1784. 3 Self- or automatic-closing doors. Where required elsewhere in the code, doors in smoke partitions shall
with Section 713. (See 706.7)		Penetrations of fire partitions shall comply with Section 713.	710.6 Penetrations. Penetrations of smoke barriers shall comply with Section 713. 712.9 Smoke barrier. Where horizontal assemblies are required to resist the movement of smoke by other sections of this code in accordance with the definition of smoke barrier, penetrations and joints in such horizontal assemblies shall be protected as required for smoke barriers in accordance with Sections 713.5 and 714.6. 715.4.3 Door assemblies in corridors and smoke barriers. 405.4.2 Smoke barrier penetration. Penetrations between the two compartments shall be limited to plumbing and electrical piping and conduit that are firestopped in	be selfor automatic-closing by smoke detection in accordance with Section 711.6 Penetrations and joints. The space around penetrating items and in joints shall be filled with an approved material to limit the free passage of smoke.

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706 FIRE WALLS		DRAFTDRAFTDRAF	-T	
	707 FIRE BARRIERS	709 FIRE PARTITIONS	710 SMOKE BARRIERS	711 SMOKE PARTITIONS
706.10 Joints.	707.8 Joints.	709.8 Joints.	710.7 Joints.	
Joints made in or between fire walls shall comply with Section 714.	Joints made in or between fire barriers,	Joints made in or between fire	Joints made in or between smoke	
Shall comply with Section 714.	and joints made at the intersection of	partitions shall comply with Section	barriers shall comply with Section 714.	
	fire barriers with underside of the floor	714.		
	or roof sheathing, slab or deck above,			
	shall comply with Section 714.		(HIII)	
706.11 Ducts and air transfer	707.9 Ducts and air transfer	709.9 Ducts and air transfer	740.0 D	
openings.	openings.	openings.	710.8 Ducts and air transfer	711.7 Ducts and air transfer
Ducts and air transfer openings shall	Penetrations in a fire barrier by ducts	Penetrations in a fire partition by ducts	openings.	openings.
not penetrate fire walls.	and air transfer openings shall comply	and air transfer openings shall comply	Penetrations in a smoke barrier by ducts and air transfer openings shall	The space around a duct penetrating a
Exception: Penetrations by ducts and	with Section 716.	with Section 716.	comply with Section 716.	smoke partition shall be filled with an
air transfer openings of fire walls that		That Coddon 7 To.	Comply with Section 7 to.	approved material to limit the free
are not on a lot line shall be allowed			5.55.000	passage of smoke. Air transfer
provided the penetrations comply with			200	openings in smoke partitions shall be provided with a smoke damper
Section 716. The size and aggregate			A. rich course	complying with Section 716.3.2.2.
width of all openings shall not exceed			LIA ZEM ATE	Exception: Where the installation of a
the limitations of Section 706.8.			-	smoke damper will interfere with the
			2.ttti AND.	operation of a required smoke control
			Para de la companya del companya de la companya de la companya del companya de la companya del la companya del la companya de	system in accordance with Section
			alla Large	909, approved alternative protection
			He did not be a second of the	shall be utilized.
			alacaser	716.5.7 Smoke partitions. A listed
			desire.	smoke damper designed to resist the
			93	passage of smoke shall be provided at
700 014 14			8000	each point that an air transfer opening
703.6 Marking and identification. Fire wa	alls, fire barriers, fire partitions, smoke be	rriers and smoke partitions or any other	wall required to have protected openings	or penetrations shall be effectively and
permanently lacritined with signs of ster	iching. Such identification shall:		, and the second	
1. Be located in accessible concealed	floor, floor-ceiling or attic spaces;			\$.
3 Include lettering not loss than 0.5 in	ling 30 feet (914 mm) measured horizont	ally along the wall or partition; and		
AND/OR SMOKE BARRIED DROT	ich (12.7 mm) in height, incorporating the FECT ALL OPENINGS," or other wording	suggested wording: "FIRE		
Exception: Walls in Group R-2 occur	pancies that do not have a removable de			
704 FIRE REGIOTANIOS TATIVAS	pancies that do not have a removable de	corative ceiling allowing access to the co	ncealed space.	
704 FIRE-RESISTANCE RATING OF S	TRUCTURAL MEMBERS			4.00
704.1 Requirements. The fire-resistand	ce ratings of structural members and ass	emblies shall comply with this section an	d the requirements for the type of	
supported by the etricatural resemble of	01. The fire-resistance ratings shall not be	e less than the ratings required for the fire	e-resistance-rated assemblies	
supported by the structural members				
Exception. The barriers, life partition	ons, smoke barriers and horizontal assen	nblies as provided in Sections 707.5, 709	9.4, 710.4 and 712.4, respectively.	
Misc	Misc	Misc	Misc	Misc
110.3.6 Fire- and smoke-resistant penet	rations. Protection of joints and penetration	ons in fire-resistance-rated assemblies, s	moke barriers and smoke partitions shall	I not be concealed from view until
inspected and approved.		·	palaterio orial	The solution from view until
			9600 1000	
			# P P P P P P P P P P P P P P P P P P P	
Where Used	Where Used	Mean		
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706 FIRE WALLS		DRAFTDRAFT	DRAFT	
TOO FIRE WALLS	707 FIRE BARRIERS	709 FIRE PARTITIONS	710 SMOKE BARRIERS	711 SMOKE PARTITIONS
				404.6 Enclosure of atriums.
				Exceptions: 1. A glass wall forming a
				smoke partition
			AL-	407 GROUP I-2
			2000 H	407.3 Corridor walls. Corridor walls
				shall be constructed as
				smoke partitions in accordance with
				Section 711. (Rooms requiring a rating
			508.2 Accessory occupancies	must be rated at the corridor)
				d separation and protection. Where Table
			508.2.5 permits an automatic fire	extinguishing system without a fire barrier, the
			incidental accessory occupancies	s shall be separated from the remainder of the
			building by construction capable	of resisting the passage of smoke.
			Commentary: 711.1 Generala s	smoke partition is not required unless the
			specific text of the code states th	at it is required. Section 508.2.5.2, when
			dealing with incidental uses, will	permit the elimination of a fire barrier and only
			require the wall constructed arou	nd the incidental use area to be "capable of
			resisting the passage of smoke."	In this circumstance, the wall is not required t
			comply with the smoke partition r	equirements of Section 710 and is only
	703.5 Fire-resistance-rated glazi	ng. Commentary -This section also indic	required to comply with the detail	s listed in Section 508.2.5.2 the "W" designation on the label is good for
	ille partiers, as well as shaft wal	Is and stair enclosures, and, of course, it	would be used for a fire partition, smoke	partition or smoke barrier also. It could not be
	used for a fire wall.			
03.6 Marking and identification.	Fire walls, fire barriers, fire partitions, sr	noke barriers and smoke partitions or an	y other wall required to have protected op	enings or penetrations
. De located in accessible conce	aled floor, floor-ceiling or attic spaces;		, , , , , , , , , , , , , , , , , , ,	or period address
. Be repeated at intervals not ex	ceeding 30 feet (914 mm) measured ho	rizontally along the wall or partition; and		
. Include lettering not less than	0.5 inch (12.7 mm) in height, incorporatir	ng the suggested wording: "FIRE AND/O	R SMOKE BARRIER—PROTECT ALL O	PENINGS." or other wording
xception: Walls in Group R-2				and the same of th
	SECTION 704 FIRE-RESISTAN	CE RATING OF STRUCTURAL MEMBE	RS	
	704.1 RequirementsThe fire-re	sistance ratings shall not be less than the	e ratings required for the fire-resistance-ra	ated assemblies supported by the structural
	members. Exception: Fire barrier	s, fire partitions, smoke barriers and hori	zontal assemblies as provided in Section	s 707.5, 709.4, 710.4 and 712.4, respectively
				708.14.1 Elevator lobby. An enclosed
			81 100 101 101	elevatormore than three stories Ex.
				5. Smoke partitions shall be permitted
			n disposal	it is see that
	910.2.1 Group F-1 or S-1. Buildir area.	ngs and portions thereof used as a Group	F-1 or S-1 occupancy having more than	50,000 square feet (4645 m2) in undivided
	area.		F-1 or S-1 occupancy having more than	50,000 square feet (4645 m2) in undivided
	Exception: Group S-1 aircraft rep Commentary: In order to subdivic	air hangars. le a more than 50,000-squarefoot (4645)	m2) undivided area as one method of avo	50,000 square feet (4645 m2) in undivided
	Exception: Group S-1 aircraft rep Commentary: In order to subdivic dividing element would only need	air hangars. de a more than 50,000-squarefoot (4645) I to be a partition constructed of materials	m2) undivided area as one method of avo	50,000 square feet (4645 m2) in undivided iding the use of smoke and heat vents, the curtain but that would extend from floor to an what is required and would therefore be an

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706 FIRE WALLS	707 FIRE BARRIERS	709 FIRE PARTITIONS	710 SMOKE BARRIERS	744 01401/5 0 4 77777
			TIO OMORE BARRIERS	711 SMOKE PARTITIONS
			03600434	1014.2.2 Group I-2. Habitable rooms or
			Àta-	suites in Group I-2 occupancies shall
			,	have an exit access door leading
			, sana-alba-	directly to a corridor.
				Exception: Rooms with exit doors
·			ALAMAN AND AND AND AND AND AND AND AND AND A	opening directly to the outside at
				ground level.
			LANDERS	Commentary: Health care suites allow for the elimination of the smoke
			N. L.O. L. N. L.	partition between the patient rooms and
			2556	the staff areas. Curtains or glass
			MANAMAN AND AND AND AND AND AND AND AND AND A	partitions are often desirable to allow
			16.0	for a more efficient operation and/or
			6. RE-	direct and immediate supervision. By
			Asset	considering the connected space an
			na haranga na	intervening room rather than a corridor,
				1014.2.7 Separation. Suites in Group I-
			ALELIA MARIA	2 occupancies shall be separated from
			ministra	other portions of the building by a
			14. Ay (1984)	smoke partition complying with Section
			19 CL	711.
			America	Commentary: This section clarifies the
			August (chan)	type of partition that should be used to
			A deline a	separate the suite from the corridor,
			aliko kaj	adjacent suite or any other portion of
			o and a second	the building. This section requires
			A COLUMN TO THE	separation by a smoke partition, similar
			Constant	to the construction of a corridor wall in
				Group I-2 (see Section 407.3).