## 2006-2007 ICC CODE DEVELOPMENT CYCLE

# ERRATA & WITHDRAWALS TO THE 2006/2007 PROPOSED CHANGES TO THE INTERNATIONAL CODES

#### Third Posting: August 21, 2006

The following is a list of errata to the published monograph entitled "2006/2007 Proposed Changes to the 2006 Editions of the International Codes."

This listing is organized based on the order of codes as published.

### **REVISIONS TO TENTATIVE ORDERS OF DISCUSSION:**

#### VOLUME I:

IBC FIRE SAFETY:	Delete FS186-06/07 and move to IBC Structural Hearing Order		
IBC STRUCTURAL:	Add FS186-06/07 after FS198-06/07		
	Delete S34-06/07 (Withdrawn by proponent)		

#### VOLUME II:

IECC:	Add Part I after EC106-06/07
IMC:	Add EC106-06/07, Part II after M86-06/07
IRC-M-P:	Add RB131-06/07, Part III, after RB131-06/07, Part II

## 2006-2007 PROPOSED CHANGES TO THE INTERNATIONAL BUILDING CODE

## FIRE SAFETY

The following is the tentative order in which the proposed changes to the code will be discussed at the public hearings. Proposed changes which impact the same subject have been grouped to permit consideration in consecutive changes.

Proposed change numbers that are indented are those which are being heard out of numerical order. Indentation **does not** necessarily indicate that one change is related to another. Proposed changes may be grouped for purposes of discussion at the hearing at the discretion of the chair. Note that some "IBC-FS" code change proposals are not included on this list, as they are being heard by other committees. Please consult the Cross Index of Proposed Changes.

G55-06/07 G56-06/07 FS1-06/07 FS2-06/07 FS3-06/07 FS4-06/07, Part I FS5-06/07 FS6-06/07 FS7-06/07 FS10-06/07, Part I FS11-06/07, Part I FS12-06/07 FS13-06/07 FS14-06/07 Part I FS15-06/07 FS16-06/07 FS16-06/07 FS18-06/07 FS18-06/07 FS18-06/07 FS20-06/07 FS22-06/07 FS22-06/07 FS22-06/07 FS25-06/07 FS28-06/07 FS28-06/07 FS28-06/07 FS28-06/07 FS28-06/07 FS28-06/07 FS31-06/07 FS31-06/07 FS31-06/07 FS33-06/07 FS33-06/07 FS33-06/07 FS33-06/07 FS33-06/07 FS33-06/07 FS33-06/07 FS33-06/07 FS33-06/07	FS40-06/07, Part I FS41-06/07 FS42-06/07 FS43-06/07 FS45-06/07 FS45-06/07 FS45-06/07 FS45-06/07 FS51-06/07 FS51-06/07 FS51-06/07 FS55-06/07 FS55-06/07 FS55-06/07 FS55-06/07 FS61-06/07 FS61-06/07 FS63-06/07 FS63-06/07 FS63-06/07 FS63-06/07 FS63-06/07 FS63-06/07 FS63-06/07 FS72-06/07 FS72-06/07 FS72-06/07 FS75-06/07 FS75-06/07 FS75-06/07 FS75-06/07 FS78-07 FS78-06/07 FS78-07 FS78-07 FS78-07 FS78	FS86-06/07 FS87-06/07 FS89-06/07 FS90-06/07 FS91-06/07 FS92-06/07 FS95-06/07 FS95-06/07 FS96-06/07 FS96-06/07 FS98-06/07 FS100-06/07 FS102-06/07 FS102-06/07 FS103-06/07 FS103-06/07 FS103-06/07 FS103-06/07 FS103-06/07 FS112-06/07 FS112-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS113-06/07 FS122-06/07 FS122-06/07 FS123-06/07 FS123-06/07 FS123-06/07 FS123-06/07	$\begin{array}{l} FS132-06/07 \\ FS133-06/07 \\ FS133-06/07 \\ FS135-06/07 \\ FS135-06/07 \\ FS135-06/07 \\ FS137-06/07 \\ FS139-06/07 \\ FS140-06/07 \\ FS141-06/07 \\ FS142-06/07 \\ FS142-06/07 \\ FS143-06/07 \\ FS145-06/07 \\ FS145-06/07 \\ FS145-06/07 \\ FS1510-06/07 \\ FS152-06/07 \\ FS152-06/07 \\ FS155-06/07 \\ FS158-06/07 \\ FS158-06/07 \\ FS159-06/07 \\ FS162-06/07 \\ FS162-06/07 \\ FS162-06/07 \\ FS162-06/07 \\ FS163-06/07 \\ FS165-06/07 \\ FS165-06$
FS32-06/07	FS77-06/07	FS122-06/07	F121-06/07, Part II
FS34-06/07	FS79-06/07	FS124-06/07	G74-06/07, Part II
FS36-06/07	FS81-06/07	FS126-06/07	FS167-06/07
FS37-06/07, Part I G70-06/07	FS82-06/07 FS83-06/07 Part I	FS127-06/07 FS128-06/07	FS168-06/07 FS169-06/07
FS38-06/07	FS84-06/07	FS129-06/07	FS170-06/07, Part I
FS50-06/07	FS85-06/07	FS130-06/07	EC28-06/07, Part IV
FS39-06/07		FS131-06/07	FS171-06/07

FS172-06/07 FS173-06/07 FS174-06/07 FS178-06/07 FS179-06/07 FS180-06/07 FS181-06/07, Part I FS182-06/07 FS183-06/07 FS184-06/07 FS185-06/07 FS186-06/07 FS188-06/07, Part I FS193-06/07, Part I FS199-06/07, Part I G68-06/07 S38-06/07 S39-06/07 S40-06/07 FS215-06/07 FS216-06/07 F216-06/07, Part II FS217-06/07 S110-06/07

## 2006-2007 PROPOSED CHANGES TO THE INTERNATIONAL BUILDING CODE

## STRUCTURAL

The following is the tentative order in which the proposed changes to the code will be discussed at the public hearings. Proposed changes which impact the same subject have been grouped to permit consideration in consecutive changes.

Proposed change numbers that are indented are those which are being heard out of numerical order. Indentation **does not** necessarily indicate that one change is related to another. Proposed changes may be grouped for purposes of discussion at the hearing at the discretion of the chair. Note that some "IBC-S" code change proposals are not included on this list, as they are being heard by other committees. Please consult the Cross Index of Proposed Changes.

0 4 00/07		0-0.00/0-	000 00/07
S1-06/07	FS209-06/07	S52-06/07	S86-06/07
S2-06/07	FS210-06/07	S53-06/07	S87-06/07
S3-06/07	FS212-06/07	S54-06/07	S88-06/07
S4-06/07	FS213-06/07, Part I	S55-06/07	S89-06/07
S5-06/07	FS214-06/07, Part I	S56-06/07	S90-06/07, Part I
S6-06/07	P134-06/07, Part II	S57-06/07	S91-06/07
S7-06/07	FS187-06/07	FS10-06/07, Part III	S92-06/07
S8-06/07	S21-06/07	FS175-06/07	S93-06/07
S9-06/07, Part I	S22-06/07	FS176-06/07	S94-06/07
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S11-06/07, Part I	G218-06/07	S58-06/07	S96-06/07
S12-06/07, Part I	G219-06/07	S59-06/07	S97-06/07
S13-06/07	S116-06/07	S60-06/07	S98-06/07
S14-06/07	S23-06/07	S61-06/07	S99-06/07
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S16-06/07	S25-06/07	S63-06/07	S101-06/07
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S18-06/07	S27-06/07	S64-06/07	S103-06/07
S19-06/07, Part I	S28-06/07	S65-06/07	S104-06/07
S20-06/07	S29-06/07	FS11-06/07, Part III	S105-06/07, Part I
FS189-06/07	FS156-06/07, Part II	S66-06/07	S106-06/07, Part I
FS190-06/07, Part I	S30-06/07	S67-06/07	S107-06/07
FS191-06/07, Part I	S31-06/07	S68-06/07	S108-06/07
FS192-06/07	S32-06/07	S69-06/07	S109-06/07
FS193-06/07, Part II	S33-06/07	S70-06/07, Part I	S111-06/07, Part I
FS194-06/07	<del>\$34-06/07</del> WP	S71-06/07	S112-06/07, Part I
FS195-06/07	S35-06/07	S72-06/07, Part I	EC28-06/07, Part V
FS196-06/07	S36-06/07	S73-06/07	S113-06/07
FS197-06/07	S37-06/07	S74-06/07	S114-06/07
FS198-06/07	S41-06/07	S75-06/07, Part I	S115-06/07
FS186-06/07	S42-06/07	S76-06/07, Part I	G73-06/07
FS200-06/07	S43-06/07	S77-06/07, Part I	S117-06/07
FS201-06/07, Part I	S44-06/07	S78-06/07	<u> </u>
FS202-06/07, Part I	S45-06/07	S79-06/07	
FS203-06/07	S46-06/07	S80-06/07	
FS204-06/07, Part I	S47-06/07	S81-06/07, Part I	
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FS206-06/07, Part I	S49-06/07	S83-06/07	
FS207-06/07	S50-06/07	S84-06/07	
FS208-06/07	S51-06/07	S85-06/07	

# IBC – GENERAL (VOLUME I)

#### G153-06/07: Replace the proposal with the following:

**509.2 Group S-2 enclosed or open parking garage with Group A, B, M, R or S above.** A basement and/or the first story above grade plane of a building shall be considered as a two separate and distinct buildings for the purpose of determining area limitations, continuity of fire walls, limitation of number of stories and type of construction when where all of the following conditions are met:

- 1. The basement and/or the first story above grade plane is of Type IA construction and is separated from the buildings are separated above with a horizontal assembly having a minimum 3-hour fire-resistance rating.
- 2. The building below the horizontal assembly is no more than one story above grade plane.
- 3. The building below the horizontal assembly is of Type IA construction.
- 4. Shaft, stairway, ramp or and escalator enclosures through the horizontal assembly shall have not less than a 2-hour fire-resistance rating with opening protectives in accordance with Table 715.4.

**Exception:** Where the enclosure walls below the horizontal assembly have not less than a 3-hour fire-resistance rating with opening protectives in accordance with Table 715.4, the enclosure walls extending above the horizontal assembly shall be permitted to have a 1-hour fire-resistance rating, provided:

- 1. The building above the horizontal assembly is not required to be of Type I construction;
- 2. The enclosure connects less than four stories; and
- 3. The enclosure opening protectives above the horizontal assembly have a minimum 1-hour fire protection rating.
- 3.5. The building above the horizontal assembly shall be permitted to have multiple Group A uses, each with an occupant load of less than 300, or Group B, M, R or S uses.
- 4.6. The building below the horizontal assembly is a Group S-2 enclosed or open parking garage, used for the parking and storage of private motor vehicles.

#### **Exceptions:**

- 1. Entry lobbies, mechanical rooms and similar uses incidental to the operation of the building shall be permitted.
- 2. Multiple Group A uses, each with an occupant load of less than 300, or Group B or M uses shall be permitted, in addition to those uses incidental to the operation of the building (including storage areas), provided that the entire structure below the horizontal assembly is protected throughout by an approved automatic sprinkler system.
- 5.7. The maximum building height in feet shall not exceed the limits set forth in Section 503 for the building having the smaller allowable height as measured from the grade plane.

**509.3 Group S-2 enclosed parking garage with Group S-2 open parking garage above.** A Group S-2 enclosed parking garage <u>with no more than one story above grade plane and</u> located in the basement or first story below a Group S-2 open parking garage shall be classified as a separate and distinct building for the purpose of determining the type of construction when where the following conditions are met:

- 1. The allowable area of the structure <u>building</u> shall be such that the sum of the ratios of the actual area divided by the allowable area for each separate occupancy shall not exceed 1.0.
- 2. The Group S-2 enclosed parking garage is of Type I or II construction and is at least equal to the fire-resistance requirements of the Group S-2 open parking garage.
- 3. The height and the number of the floors above the basement tiers of the Group S-2 open parking garage shall be limited as specified in Table 406.3.5.
- 4. The floor assembly separating the Group S-2 enclosed parking garage and Group S-2 open parking garage shall be protected as required for the floor assembly of the Group S-2 enclosed parking garage. Openings between the Group S-2 enclosed parking garage and Group S-2 open parking garage, except exit openings, shall not be required to be protected.
- 5. The Group S-2 enclosed parking garage is used exclusively for the parking or storage of private motor vehicles, but shall be permitted to contain an office, waiting room and toilet room having a total area of not more than 1,000 square feet (93 m<sup>2</sup>), and mechanical equipment rooms incidental to the operation of the building.

(Reason statement and cost impact remain unchanged)

# FIRE CODE (IFC) – VOLUME I

F59-06/07: Replace the proposal with the following:

## F59–06/07 703.1.2; 703.1.3 (New)

Proponent: Vickie Lovell, representing Air Movement and Control Association

#### 1. Revise as follows:

**703.1.2 Smoke barriers** <u>and smoke partitions</u>. Required smoke barriers <u>and smoke partitions</u> shall be maintained to prevent the passage of smoke. <u>and</u> All openings protected with approved smoke barrier doors or smoke dampers <u>shall</u> <u>be maintained in accordance with NFPA 105</u>.

#### 2. Add new text as follows:

**703.1.3 Fire walls, fire barriers and fire partitions.** Required fire walls, fire barriers and fire partitions shall be maintained to prevent the passage of fire. All openings protected with approved doors or fire dampers shall be maintained in accordance with NFPA 80.

#### 3. Add referenced standard to Chapter 45 as follows:

#### NFPA

<u>105-03 – Standard for Installation of Smoke Door Assemblies</u>

**Reason:** The maintenance for smoke doors and smoke dampers is covered by NFPA 105. Additionally the scope of NFPA 80 has been changed and expanded to include the maintenance requirements of fire dampers. This most recent editions of these standards will be voted on in June at the NFPA meeting. A copy of the final document will be provided to ICC staff and the committee if the document passes successfully and is authorized for publication by the NFPA standards Council.

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

Public Hearing:	Committee:	AS	AM	D
-	Assembly:	ASF	AMF	DF

**F168-06/07, Item 5:** The correct edition of the proposed referenced standard is "UL 1313-93 – with revisions through May 2003"

# 2006-2007 PROPOSED CHANGES TO THE INTERNATIONAL ENERGY CONSERVATION CODE

The following is the tentative order in which the proposed changes to the code will be discussed at the public hearings. Proposed changes which impact the same subject have been grouped to permit consideration in consecutive changes.

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## 2006-2007 PROPOSED CHANGES TO THE INTERNATIONAL MECHANICAL CODE

The following is the tentative order in which the proposed changes to the code will be discussed at the public hearings. Proposed changes which impact the same subject have been grouped to permit consideration in consecutive changes.

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G1-06/07, Part VII G221-06/07, Part VI G3-06/07, Part V M1-06/07 M2-06/07 M3-06/07 M4-06/07 M5-06/07 M5-06/07 M7-06/07 M7-06/07 M1-06/07 M11-06/07 M12-06/07 M13-06/07 M13-06/07 M15-06/07 M15-06/07 M15-06/07 M17-06/07 FG18-06/07, Part II FG20-06/07, Part II EC28-06/07, Part I M18-06/07, Part I M18-06/07, Part I M19-06/07 M20-06/07, Part I RP1-06/07, Part I M21-06/07, Part I M23-06/07, Part I M23-06/07, Part I M25-06/07, Part I M25-06/07, Part I M25-06/07, Part I M25-06/07, Part I M28-06/07 M30-06/07 M30-06/07 M30-06/07 M31-06/07 M32-06/07, Part I M33-06/07, Part I M33-06/07, Part I M33-06/07, Part I M33-06/07, Part I	M36-06/07, Part I M37-06/07, Part I M38-06/07, Part I M39-06/07, Part I M40-06/07, Part I M41-06/07, Part I M42-06/07 G170-06/07, Part II M43-06/07 M44-06/07 M45-06/07 M45-06/07 M48-06/07 M50-06/07 M51-06/07 M52-06/07 M54-06/07 M55-06/07 M55-06/07 M55-06/07 M55-06/07 M58-06/07 M58-06/07, Part I M61-06/07, Part I M61-06/07, Part I M62-06/07, Part I M63-06/07, Part I M65-06/07 M56-06/07 M57-06/07 M57-06/07 M57-06/07 M71-06/07 M72-06/07 M74-06/07 FS8-06/07, Part II M75-06/07	M76-06/07 M78-06/07 M79-06/07 M80-06/07 M81-06/07 M81-06/07 M82-06/07 M82-06/07 M85-06/07 M85-06/07 M86-06/07 M86-06/07 M88-06/07 M90-06/07 M90-06/07 M91-06/07, Part I M92-06/07 M93-06/07 M93-06/07 M93-06/07 M94-06/07, Part I M95-06/07 M97-06/07 M98-06/07 M99-06/07 M100-06/07, Part II M101-06/07 F113-06/07, Part II M102-06/07, Part II M102-06/07, Part II M102-06/07, Part II M103-06/07, Part I M104-06/07 M105-06/07, Part I M104-06/07 M105-06/07, Part I M104-06/07 M105-06/07, Part I M108-06/07 M109-06/07 M109-06/07 M109-06/07 M110-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07 M111-06/07	M115-06/07 M116-06/07 M117-06/07 M119-06/07 M120-06/07 M122-06/07 M123-06/07 M124-06/07 M125-06/07 M126-06/07, Part I M129-06/07, Part I M130-06/07, Part I M131-06/07, Part I M132-06/07
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## 2006-2007 PROPOSED CHANGES TO THE INTERNATIONAL RESIDENTIAL CODE

## PLUMBING/MECHANICAL

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P64-06/07, Part II

#### IRC PLUMBING P14-06/07, Part II P20-06/07, Part II P21-06/07, Part II P17-06/07, Part II RP1-06/07, Part I P35-06/07, Part II RP2-06/07 P40-06/07, Part II RP3-06/07 RP4-06/07 P41-06/07, Part II P42-06/07, Part II RP5-06/07 RP6-06/07 RP7-06/07 RP8-06/07 RP9-06/07 P52-06/07, Part II RP10-06/07 P47-06/07, Part II P50-06/07, Part II P51-06/07, Part II RP11-06/07 P86-06/07, Part II P89-06/07. Part II P92-06/07, Part II RP12-06/07 P88-06/07, Part II P93-06/07, Part II RP13-06/07 P98-06/07, Part II P100-06/07, Part II RP14-06/07 RP15-06/07 RP16-06/07 P68-06/07, Part II P87-06/07, Part II P18-06/07, Part II P53-06/07, Part II P56-06/07. Part II P58-06/07, Part II RP17-06/07 P60-06/07, Part II P62-06/07, Part II P63-06/07, Part II

P65-06/07, Part II P66-06/07, Part II P79-06/07, Part II P80-06/07, Part II P81-06/07, Part II P82-06/07, Part II P83-06/07, Part II RP18-06/07 RP19-06/07 P106-06/07, Part II P72-06/07, Part II P73-06/07, Part II P77-06/07, Part II RP20-06/07 P103-06/07, Part II P104-06/07, Part II P70-06/07, Part II RP21-06/07 P12-06/07, Part II RP22-06/07 P111-06/07, Part II P110-06/07, Part II RP23-06/07 RP24-06/07 P116-06/07, Part II RP25-06/07 RP26-06/07 P120-06/07, Part II P121-06/07, Part II RP27-06/07 RP28-06/07 P135-06/07, Part II P136-06/07, Part II P137-06/07, Part II **IRC MECHANICAL** 

RM1-06/07 M22-06/07, Part II M23-06/07, Part II M24-06/07, Part II M25-06/07, Part II M26-06/07, Part II M27-06/07, Part II RM2-06/07 RM3-06/07 RM4-06/07 RM5-06/07 M32-06/07, Part II M33-06/07, Part II M35-06/07, Part II M36-06/07, Part II M37-06/07, Part II M38-06/07, Part II M39-06/07, Part II M40-06/07, Part II M41-06/07, Part II RM6-06/07 RM7-06/07 RM14-06/07 RM8-06/07 RM9-06/07 RM10-06/07 RM11-06/07 M59-06/07, Part II M60-06/07, Part II M61-06/07, Part II M62-06/07, Part II M63-06/07, Part II RM12-06/07 RM13-06/07 M64-06/07, Part II M65-06/07, Part II RM15-06/07 RM16-06/07 RM17-06/07 RM18-06/07 M94-06/07, Part II M100-06/07, Part III FS11-06/07, Part VI RM19-06/07 RM20-06/07 M91-06/07, Part II M95-06/07, Part II RM21-06/07 RM22-06/07

RM23-06/07 RM24-06/07 RM25-06/07 RM26-06/07 RB131-06/07, Part II RB131-06/07, Part III M102-06/07, Part II M103-06/07, Part II M105-06/07, Part II M108-06/07, Part II RM27-06/07 RM28-06/07 M128-06/07, Part II M129-06/07, Part II M130-06/07, Part II RM29-06/07 M131-06/07, Part II RM30-06/07

# **RESIDENTIAL CODE (IRC B-E) – VOLUME II**

#### RB38-06/07: Replace the proponent's reason statement with the following:

**Reason:** The intent of this proposal is to clarify the code. Some code readers assume that if the building in question is constructed in an area with wind design speeds equal to or greater than those give in Section R301.2.1.1, no portion of the building is required to comply with the IRC. The wording being proposed will make clear that only the structural portions of the building fall outside the requirements contained in the code.

#### RB64-06/07: Replace the first paragraph of Section R303.7 with the following:

R303.7 Required glazed openings. Required glazed openings shall open directly face onto a street or public alley, or a yard or court located on the same lot as the building.

(No change to exceptions or remainder of proposal)

RB76-06/07: Add proponent as follows: (The proponent was inadvertently left off of the proposal)

Proponent: Joseph Holland, Hoover Treaded Wood Products

#### RB124-06/07: Replace the proposal with the following:

#### **Revise as follows:**

**R319.3 Fasteners.** Fasteners for pressure-preservative and fire-retardant-treated wood shall be of hot-dipped zinccoated galvanized steel, stainless steel, silicon bronze or copper. The coating weights for zinc-coated fasteners shall be in accordance with ASTM A153.

#### Exceptions:

- 1. One-half-inch (12.7 mm) diameter or larger steel bolts.
- 2. Fasteners other than nails and timber rivets shall be permitted to be of mechanically deposited zinc-coated steel with coating weights in accordance with ASTM B 695, Class 55, minimum.

(Reason and cost impact remain unchanged)

#### RB127-06/07: Replace Cost Impact with the following:

**Cost Impact:** In some areas, the code change proposal will increase the cost of construction. Estimates indicate that this change could increase the construction cost of a home by 2%-4%<sup>3</sup>. This cost is not trivial; however, homeowners would be protected from structural termite damage for the life of the home, a liability that typically costs the homeowner between \$2,000 and \$10,000<sup>4</sup> when infested with the FST. Costs of building with termite resistant structural members can also be reduced through discounts offered to builders on their Builders Risk insurance premiums when using termite resistant structural materials that are also fire resistant. Homeowner's insurance premiums may also be reduced for the same reason.

3. The two to four percent increase for home construction costs has been confirmed by the Louisiana Formosan Termite Initiative, the National Association of Home Builder's Research Center (NAHBRC), the Portland Cement Association (PCA), and the Southern Pine Council (SPC). Assumptions and details of the studies conducted and/or cited by these organizations can be found at

<http://www.southernpine.com/termiteinfo3.shtml#comparative>,

<a href="http://www.toolbase.org/Docs/MainNav/Energy/2936">http://www.toolbase.org/Docs/MainNav/Energy/2936</a> steel vs\_wood.pdf?TrackID=&CategoryID=107&DocumentID=2936> and

<http://www.nahb.org/fileUpload\_details.aspx?contentID=18475>.

4. Shanklin, Mary. "Termites: Home Wreckers Have Free Rein, Whatever You Do May Not Be Enough." Orlando Sentinel. Orlando, Fla.: May 16, 1999. pg. A.1.