

Summary of Changes for 2010 CBC including changes made to 2008 AF&PA SDPWS

Reference Standard	Section	Section Title	Amendments by HCD	ICC LA Basin		
				Recommend Amendments	Modify LARUCP	Recommended Changes
2010 CBC / 2009 IBC	2301.2 Item 4	General Design Requirements				
	2302.1	Definitions				
	2303.1.6	Hardboard				
	2303.2	Fire-Retardant-Treated Wood				
	2303.4	Trusses				
	2304.2	Size of Structural Members	X			
	2304.5	Framing Around Flues and Chimneys	X			
	2304.6.1	Wood Structural Panel Sheathing				
	Table 23047 (3)	Allowable Spans and Loads for Wood Panel Sheathing				
	2304.8	Lumber Decking				
	2304.8.3	Mechanically Laminated Decking				
	2304.8.4.1	General regarding Two-inch Sawn Tongue-and-Groove Decking				
	2304.8.5	Three- and 4-inch Sawn Tongue-and Groove Decking				
	Table 2304.9.1	Fastening Schedule				
	2304.9.5	Fasteners and Connectors in Contact with Preservative-Treated and Fire-Retardant-Treated Wood			X	Incorporate new guideline to illustrate changes
	2304.11.2.1	Joists, Girders and Subfloor				
	2304.11.2.6	Wood Siding				
	2305	General Design Requirements for Lateral-Force-Resisting Systems			X	Many changes, see detailed summary. Change LARUCP 23-01, 23-02 and 23-03
	2306	Allowable Stress Design			X	Many Changes, see detailed summary. Change LARUCP 23-04
	2307	Load and Resistance Factor Design				
	2308.1	Conventional Light-Frame Construction	X	X		Limitations for 2 story and hillsides
	2308.2	Limitations				
	2308.2.1	Basic Wind Speed Greater than 100 MPH (3-second-gust)				
	2308.2.2	Buildings in Seismic Design Category B, C, D or E	X			
	2308.3.2	Braced Wall Line Connections				
	2308.3.3	Sill Anchorage				
	2308.6	Foundation Plates or Sills				
	2308.9.1	Size, Height and Spacing				
	2308.9.3 Item 3	Bracing				
	Table 2308.9.3(1)	Braced Wall Panels	X			
	Table 2308.9.3(3)	Wood Structural Panel Sheathing				
	2308.10.1	Wind Uplift				
	2308.11	Additional Requirements for Conventional Construction in SDC B or C				
2308.11.1	Number of Stories	X		X		
2308.11.2	Concrete or Masonry					
2308.12	Additional Requirements for Conventional Construction in SDC D or E					
2308.12.1	Number of Stories in SDC D or E	X		X	LARUCP 23-06	
2308.12.2	Concrete or Masonry					
2308.12.4	Braced Wall Line Sheathing				Investigate if the 50% requirement is consistent with IBC and IRC.	
Table 2308.12.4	Wall Bracing in SDC D and E	X		X	LARUCP 23-06	
2308.12.8	Sill Plate Anchorage			X		
2308.12.9	Sill Plate Anchorage in SDC E			X		
AF&PA Special Design Provisions for Wind and Seismic (SDPWS)	4.2.7.1.2	High Load Blocked Diaphragms				
	4.3.3.2	Unblocked Wood Structural Panel Shear Walls				
	4.3.3.5	Shear Capacity of Perforated Shear Walls				
	4.3.6.4.3	Anchor Bolts		X	X	Give guidance for wider sill plates
	4.3.7.1	Wood Structural Panel Shear Walls				
	4.3.7.2	Shear Walls using Wood Structural Panels over Gypsum Wallboard or Gypsum Sheathing Board				
	4.3.7.4	Fiberboard Shear Walls				
	Tables 4.3A & 4.3B	Nominal Unit Shear Capacities for Wood-Frame Shear Walls		X	X	LARUCP 23-04
	Table 4.3C	Nominal Unit Shear Capacities for Wood-Frame Shear Walls		X	X	LARUCP 23-05
4.4	Wood Structural Panels Designed to Resist Combined Shear and Uplift from Wind			X	Give guidelines for the required detailing	

Changes to the 2010 CBC & Reference Standards – Chapter 23

The following is a list of all the changes made to the 2010 CBC & Reference Standards based on the observed changes in the 2009 IBC and 2008 AF&PA Special Design Provisions for Wind and Seismic (SDPWS). Additionally, the list illustrates any amendments made by the Department of Housing and Community Development (HCD). Please note that per the *Express Terms for Proposed Building Standards of the Office of the State Fire Marshal (SFM)*, there are no listed amendments to Chapter 23 for the 2010 CBC.

2010 CBC Changes

Section 2301.2 Item 4 – General Design Requirements - (No Amendments by HCD): Addition of standard for design and construction of log structures

- *Recommended ICC LA Basin Amendments: None*

Section 2302.1 – Definitions - (No Amendments by HCD):

- Expansion of definition for Termite resistant wood. Added additional species of wood
 - *Recommended ICC LA Basin Amendments: None*
- Removal of 2007 CBC Section 2305.3.4 for Perforated Shear Wall Segment. The document now refers to Section 4.3.4 of AF&PA SDPWS.
 - *Recommended ICC LA Basin Amendments: None*
- Expansion of definition for Treaded Wood: added Fire-retardant-treated wood and preservative-treated wood.
 - *Recommended ICC LA Basin Amendments: None*

Section 2303 – Minimum Standards and Quality

Section 2303.1.6 – Hardboard - (No Amendments by HCD): Changed reference standard from AHA A135.5 to CPA/ANSI A135.5.

- *Recommended ICC LA Basin Amendments: None*

Section 2303.2 – Fire-Retardant-Treated Wood - (No Amendments by HCD):

- Addition of optional UL723 standard
- Addition of Pressure Process requirements
- Addition of Other Means of manufacture
- Addition of Testing requirements for other means of manufacture

- *Recommended ICC LA Basin Amendments: None*

Section 2303.4 – Trusses – (No Amendments by HCD):

- 2303.4.1.1 Truss Design Drawings: Additional requirements for evidence submitted to building official for the design of each truss member (e.g., number of plies, etc.)
- 2303.4.1.2 Permanent Individual Truss Member Restraint: Relocation of this section, previously shown in 2303.4.1.5.
- 2303.4.1.3 Trusses Spanning 60 Feet or Greater: New requirements for temporary and permanent means of bracing
- 2303.4.2 Truss Placement Diagram: Clarification for requirements of Seal and Signature of truss designer
- 2303.4.1.5 Alterations to Trusses: Additional clarifications of such work.
- 2303.4.6 TPI 1 Specifications: Additional requirements for the metal plate connected trusses
- 2303.4.7 Truss Quality Assurance: Additional requirements.
 - *Recommended ICC LA Basin Amendments: None*

Section 2304 – General Construction Requirements

Section 2304.2 – Size of Structural Members – (AMENDED BY HCD): HCD has removed its previous amendment to this section from 2007 CBC for limited-density owner-built rural dwellings.

- *Recommended ICC LA Basin Amendments: None*

Section 2304.5 – Framing Around Flues and Chimneys – (AMENDED BY HCD): This is the same requirement they had in the 2007 CBC, changing the reference standard from the International Mechanical Code to the California Mechanical Code

- *Recommended ICC LA Basin Amendments: None*

Section 2304.6.1 – Wood Structural Panel Sheathing – (No Amendments by HCD): Additional requirements for resisting wind. Additionally, Table 2304.6.1 with permissible maximum wind speeds has been added.

- *Recommended ICC LA Basin Amendments: None*

Section Table 2304.7 (3) – Allowable Spans and Loads for Wood Panel Sheathing – (No Amendments by HCD): 12/0 Span rating has been removed, and 5/16 inch panel thicknesses have been removed for 16/0 and 20/0 Span ratings.

- *Recommended ICC LA Basin Amendments: None*

Section 2304.8 – Lumber Decking – (No Amendments by HCD): Clerical changes and reorganization of information in subsections, but no change in content.

- *Recommended ICC LA Basin Amendments: None*

Section 2304.8.3 – Mechanically Laminated Decking – (No Amendments by HCD): Clerical changes and reorganization of information in subsections, but no change in content.

- *Recommended ICC LA Basin Amendments: None*

Section 2304.8.4.1 – General Regarding Two-inch Sawn Tongue-and-Groove Decking – (No Amendments by HCD): Clerical changes to this section. No change in content.

- *Recommended ICC LA Basin Amendments: None*

Section 2304.8.5 – Three- and 4-inch Sawn Tongue-and-Groove Decking – (No Amendments by HCD): Clerical changes and reorganization of information in subsections, but no change in content.

- *Recommended ICC LA Basin Amendments: None*

Table 2304.9.1 – Fastening Schedule – (No Amendments by HCD):

- Connection 30: Clarification on location of face nails
- Additions to footnote i
 - *Recommended ICC LA Basin Amendments: None*

Section 2304.9.5 – Fasteners and Connectors in Contact with Preservative-Treated and Fire-Retardant-Treated-Wood – (No Amendments by HCD): Major Changes occurred in this section from the 2007 CBC. Previously, under the 2007 CBC, this section required fasteners and connectors in contact with PT and FT wood to be hot-dipped galvanized (HDG) in accordance with ASTM A 153, regardless of treatment process or chemicals. Evidence was submitted to ICC which led to the addition of several subsections. They are summarized below:

- 2304.9.5.1 Fasteners and connectors for preservative-treated wood: Fasteners and connectors in contact with PT wood shall be HDG, stainless, silicon bronze or copper. Connectors in contact with PT Wood shall be per the wood treaters or connector manufacturer’s recommendation. In the absence of such, G185 coating is the minimum. There is an exception to this rule which allows plain carbon steel fasteners to be used when SBX/DOT and zinc borate PT wood is used in interior dry conditions.
- 2304.9.5.2 Fastenings for wood foundations: As required by AF&PA
- 2304.9.5.3 Fasteners for fire-retardant-treated wood used in exterior applications or wet or damp locations. Same requirements as 2304.9.5.1 minus the exception.
- 2304.9.5.4 Fasteners for fire-retardant-treated-wood used in interior applications: As per the manufacturer’s recommendations.
 - ***Recommended ICC LA Basin Amendments: NO, however we should List these changes in LARUCP. The previous section of the 2007 CBC has led to unnecessary increases in building material. HDG embeds and products increases as much as 100 percent. Hot***

Dip Galvanizers charge by the pound so it's relative to the product (e.g., 5/8x12 ATR with nut doubles in cost). We should make the jurisdictions aware of this requirement so that future projects are not subjected to such unnecessary increases. Additionally it affects inventory cost, which is passed onto the buyer as distributor has to maintain double the stock.

Section 2304.11.2.1 – Joists, Girders and Subfloor – (No Amendments by HCD): clerical changes

- *Recommended ICC LA Basin Amendments: None*

Section 2304.11.2.6 – Wood Siding – (No Amendments by HCD): Added option to requirement, either 6 inches or less than 2 inches vertical from concrete steps, porch slabs, patio slabs and similar horizontal surfaces exposed to weather.

- *Recommended ICC LA Basin Amendments: None*

Section 2305 – General Design Requirements for Lateral-Force-Resisting Systems (No Amendments by HCD for entire section): Design shall be in accordance to AF&PA SDPWS, Section 2305, 2306 and 2307 of CBC. Most of the design requirements previously listed in this section have been removed. Designers must now use their reference standard (AF&PA SDPWS) as their main guide. For recommendations of changes to ICC LA Basin LARUCP, see subsections below:

- Section 2305.1.1 of 2007 CBC (Shear Resistance based on principles of mechanics): deleted
- Section 2305.1.2 of 2007 CBC (Framing): deleted
- Section 2305.1.4 of 2007 CBC (Shear panel connections): Deleted
- Section 2305.1.5 of 2007 CBC (Wood members resisting horizontal seismic forces contributed by masonry and concrete walls): deleted
- Section 2305.2 of the 2007 CBC (Design of Wood Diaphragms): renamed to Diaphragm Deflection, and many subsections removed or modified:
 - Section 2305.2.1 General: Deleted
 - Section 2305.2.2 of 2007 CBC now title of 2305.2 (Diaphragm deflection) and only addresses stapled connections.
 - Sections 2305.2.3 through 2305.2.5 of the 2007 CBC have all been deleted. Now one must reference AF&PA SDPWS.
 - *Recommended ICC LA Basin Amendments: LARUCP 23-01 will need to be modified to be consistent with the reference standard*
- Section 2305.3 of 2007 CBC (Design of Wood Shear Walls): renamed to Shear Wall Deflection, and many subsections removed or modified:
 - Section 2305.3.1 (General): Deleted
 - Section 2305.3.2 of 2007 CBC (Deflection) now the title of 2305.3 of 2010 CBC, and now only addresses staples.

- Sections 2305.3.3 through 2305.3.5.3.11 of 2007 CBC deleted. Now one must reference AF&PA SDPWS.
 - **Recommended ICC LA Basin Amendments: LARUCP 23-02 and 23-02 will need to be modified to be consistent with the reference standard.**

Section 2306 – Allowable Stress Design – (No Amendments by HCD for entire section): Similar to Section 2305, major changes have been made to this section as well. Designers must now use their reference standard (AF&PA SDPWS) as their main guide.

- Addition of AF&PA SDPWS in referenced standards
- Section 2306.2 of the 2007 CBC (Wind provisions for walls) has been deleted
- Section 2306.3.1 of the 2007 CBC is now Section 2306.2 in the 2010 CBC
 - Designers must design in accordance with AF&PA SDPWS, but may also use the tables in this section.
 - Table 2306.3.1 of 2007 CBC is now Table 2306.2.1(1) of 2010 CBC. The following changes were made:
 - 5/16 inch panel thickness information has been removed from the table for Struct 1 grades and Sheathing, Single floor and other grades covered in DOC PS 1 and PS 2
 - **Recommended ICC LA Basin Amendments: LARUCP 23-04 will need to be modified to be consistent with the reference standard or section in the code**
- Section 2306.3.2 of 2007 CBC (Shear Capacities modifications) has been deleted
- Section 2306.3.4 of 2007 CBC (Single Diagonally sheathed lumber diaphragms) is now Section 2306.2.2 in 2010 CBC, and designers must use AF&PA SDPWS.
- Section 2306.3.4.1 of 2007 CBC (End Joints) has been deleted
- Section 2306.3.4.2 of 2007 CBC is now part of Section 2306.2.2 of 2010 CBC
- Section 2306.3.5 of 2007 CBC (Double diagonally sheathed lumber diaphragms) is now Section 2606.2.3 of 2010 CBC and must be designed in accordance with AF&PA SDPWS
- Section 2306.4.1 of 2007 CBC (Wood structural panel shear walls) is now section 2306.3 of 2010 CBC. Designers must use AF&PA SDPWS or tables in section:
 - Table 2306.4.1 of 2007 CBC is now Table 2306.3 of 2010 CBC. 5/16 inch sheathing has been removed from the tables, in addition to modification of footnotes.
 - **Recommended ICC LA Basin Amendments: LARUCP 23-04 will need to be modified to be consistent with the reference standard**
- Section 2306.4.2 of 2007 CBC (Lumber sheathed walls) is now Section 2306.4 of 2010 CBC: Single and double diagonally sheathed walls no longer permitted in SDC E or F.
- Section 2306.4.5 of 2007 CBC (Shear walls sheathed with other materials) is now Section 2306.7 of 2010 CBC.
 - Table 2306.4.5 of the 2007 CBC is now Table 2306.7 of CBC, and has gone some minor changes in table and footnote

- **Recommended ICC LA Basin Amendments: LARUCP 23-04 will need to be modified to be consistent with the reference standard**

Section 2307 – Load and Resistance Factor Design (No Amendments by HCD): Minor changes, and addition of referenced sections.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.1 Conventional Light Frame Construction General – (AMENDED BY HCD): The only change HCD did to this section is change from the International Residential Code to “California” Residential Code.

- This section is for Detached one-and two-family dwellings and multiple single-family dwellings not more than three stories, I was under the impression they were limiting CRC (IRC) design to 2 stories and less? If IRC is only going to limit the structures to 2 stories, this also needs to be changed for consistency.
 - **Recommended ICC LA Basin Amendments: Amend this to state the following (underlined words are new proposed): “...Detached one- and two-family dwellings and multiple single family dwellings (townhouses) not more than ~~three~~ two stories above grade plane in height with a separate means of egress and their accessory structures and not located on hillsides with a slope greater than 3:1 shall comply with the California Residential Code.”**

Section 2308.2 – Limitations – (No Amendments by HCD): Introduction of maximum floor-to-floor heights

- *Recommended ICC LA Basin Amendments: None*

Section 2308.2.1 – Basic Wind Speed Greater than 100 MPH – (No Amendments by HCD): Changed reference standard.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.2.2 – Buildings in Seismic Design Category B, C, D or E – (Amended by HCD): Removed their exceptions from the 2007 CBC.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.3.2 – Braced Wall Line Connections – (No Amendments by HCD): Added discussions on continuous load path from top of structure to base, reorganized information, added new blocking requirements.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.3.3 – Sill Anchorage – (No Amendments by HCD): Minor clerical changes

- *Recommended ICC LA Basin Amendments: None*

Section 2308.6 – Foundation Plates or Sills – (No Amendments by HCD): Minor clerical changes.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.9.1 – Size, Height and Spacing – (No Amendments by HCD): Added requirements for studs to be continuous from support at bottom (e.g. sill plate) to support at top (e.g., top plates) with the exception to jack studs, trimmer studs and cripple studs per Table 2308.9.5.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.9.3 Item 3 – Bracing – (No Amendments by HCD): Changed minimum thickness of panel from 5/16 inch to 3/8 inch.

- *Recommended ICC LA Basin Amendments: None*

Table 2308.9.3(1) – Braced Wall Panels – (AMENDED BY HCD): They removed the amendments they had previously stated in the 2007 CBC

- *Recommended ICC LA Basin Amendments: None*

Table 2308.9.3(3) – Wood Structural Panel Wall Sheathing – (No Amendments by HCD): Removed 5/16 inch panel thickness.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.10.1 – Wind Uplift – (No Amendments by HCD): Minor clerical changes.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.11 - Additional Requirements for Conventional Construction in Seismic Design Category B or C

Section 2308.11.1 – Number of Stories – (AMENDED BY HCD): Removed their exception of allowing three stories in height in SDC C

- *Recommended ICC LA Basin Amendments: None*

Section 2308.11.2 – Concrete or Masonry – (No Amendments by HCD): Stone veneer has been added to the veneer permitted; (3.2) newer requirements for second story wall bracing; (3.3) holdown connectors language changed to allow floor to floor capacity of 2,000 lbs.

- *Recommended ICC LA Basin Amendments: None*

Section 2308.12 – Additional Requirements for Conventional Construction in Seismic Design Category D or E

Section 2308.12.1 – Number of Stories – (AMENDED BY HCD): Removed their exception for allowing detached one- and two-family dwellings to be 2 stories in SDC D or E. **Now only permitted to be one story!**

- **Recommended ICC LA Basin Amendments: Yes. Update LARUCP 23-06 to show that HCD has removed this requirement.**

Section 2308.12.2 – Concrete or Masonry – (No Amendments by HCD): Stone veneer added to be permitted.

- **Recommended ICC LA Basin Amendments: None, Leave LARUCP requirement for thickness in.**

Section 2308.12.4 – Braced Wall Line Sheathing – (No Amendments in CBC):

- **Recommended ICC LA Basin Amendments: Maintain existing LARUCP Amendments, investigate, though, if there is any conflict between our verbiage and CRC.**

Table 2308.12.4 – Wall Bracing in Seismic Design Categories D and E – (AMENDED BY HCD): They have removed their amendments to the table for requirements at story below top story and bottom story of three stories

- **Recommended ICC LA Basin Amendments: Updated LARUCP 23-06 to reflect that this no longer needs to be amended by LARUCP.**

Section 2308.12.8 – Sill Plate Anchorage – (No Amendments by HCD): This section has been modified to allow anchor straps to be used provided they load rated in accordance with Section 1716.1.

- **Recommended ICC LA Basin Amendments: Yes. Section 1716.1 only addresses load rating of hangers, which is the protocol that ICC-ES Acceptance Criteria (AC) 13 uses for load rating hangers subjected to downloads, uplift and torsion. Section 1716.1 does not, however, address products embedded into concrete or to resist lateral loads. ICC-ES developed an acceptance criteria for such products, which is AC398. Recommended adding such criteria.**

Section 2308.12.9 – Sill Plate Anchorage in Seismic Design Category E – (No Amendments by HCD): Same as previous section.

- **Recommended ICC LA Basin Amendments: Yes. Section 1716.1 only addresses load rating of hangers, which is the protocol that ICC-ES Acceptance Criteria (AC) 13 uses for load rating hangers subjected to downloads, uplift and torsion. Section 1716.1 does not, however, address products embedded into concrete or to resist lateral loads. ICC-ES developed an acceptance criteria for such products, which is AC398. Recommended adding such criteria.**

Changes to 2008 Special Design Provisions for Wind and Seismic (AF&PA SDPWS)

Chapter 4 – Lateral Force-Resisting Systems – (No Amendments by HCD):

- Section 4.2.7.1.2 – High Load Blocked Diaphragms: Provisions of wood structural panel blocked diaphragms with multiple rows of fasteners, or “high load diaphragms” have been added to be consistent with 2006 IBC and 2003 NEHRP
 - *Recommended ICC LA Basin Amendments: None*
- Section 4.3.3.2 – Unblocked Wood Structural Panel Shear Walls: Provisions have been added to reduce the reference design shear values and stiffness as they behave differently than blocked shear walls.
 - *Recommended ICC LA Basin Amendments: None*
- Section 4.3.3.5 – Shear Capacity of Perforated Shear Walls: New equations have been added to represent more accurate results for perforated shear walls having openings of different heights within the wall length
 - *Recommended ICC LA Basin Amendments: None*
- Section 4.3.6.4.3 – Anchor Bolts: This section has been modified to be consistent with the 2006 IBC and IRC with a required plate washer which is 3x3x0.229inch. The slotted bearing plate has also been added. **One new provision that is different from the 2007 CBC, is that the edge of the bearing plate is required to be ½” from the sheathing (helps reduce cross grain bending). This requirement is only required for high strength materials. This requirement was present in the 2005 SDPWS, but since the sill plate requirement was in the IBC as well, not many were aware of this requirement. Now, this is the only specification.**
 - *Recommended ICC LA Basin Amendments: Yes, x6 orx8 is not really addressed here. What if designer wishes to use a 3x6 sill plate with a single row of anchor bolts. Instead of staggering them, would he still need to meet the ½” requirement?*
- Section 4.3.7.1 – Wood Structural Panel Shear Walls: Provisions have been added for use of two 2x framing members adequately fastened together in place of a single 3x member. This was to be consistent with what was found in the 2006 IBC and commentary to the 2005 SDPWS.
 - *Recommended ICC LA Basin Amendments: None*
- Section 4.3.7.2 – Shear Walls using Wood Structural Panels over Gypsum Wallboard or Gypsum Sheathing Board: Provisions were added to be consistent with the IBC and NEHRP.
 - *Recommended ICC LA Basin Amendments: None*
- Section 4.3.7.4 – Fiberboard shear walls: Increased aspect ratio has been incorporated based on recent cyclic testing.
 - *Recommended ICC LA Basin Amendments: None*
- Tables 4.3A and 4.3B – Nominal Unit Shear Capacities for Wood-Frame Shear Walls: New provisions for staggering of adjoining panel edges and minimum nominal framing width for two-

sided structural panels shear walls with nail spacings less than 6 inches. This is to be more consistent with what is found in the 2006 IBC. These provisions can be found on footnotes 6 and 5 of Tables 4.3A and 4.3B respectively. Additionally, shear stiffness, G_a , has been added to the tables. Previously, these values were listed in the appendix.

- **Recommended ICC LA Basin Amendments: Yes, make sure our documents are consistent with this table as well.**
- Table 4.3C – nominal Unit Shear Capacities for Wood-Frame Shear Walls: New provisions based on cyclic testing have been added in this table for gypsum lath, plain or perforated walls. These changes are consistent with the 2007 Supplement to 2006 IBC
 - **Recommended ICC LA Basin Amendments: Yes, we should make sure our amendments are consistent with the new findings from this testing.**
- Section 4.4 - Wood Structural Panels Designed to Resist Combined Shear and Uplift from Wind: new provisions have been added regarding design values and specific detailing requirements necessary for wood structural panel sheathing to resist combined shear and uplift from wind.
 - **Recommended ICC LA Basin Amendments: Yes, we should highlight the detailing requirements that are important to this type of method. See attached Technical Bulletins. <http://www.strongtie.com/FTP/bulletins/T-WLSHEATH10.pdf>**