

1. CALL TO ORDER
2. ATTENDANCE
3. APPROVAL OF **CAS** MINUTES OF AUGUST 10, 2011
  - a. Draft reviews pending prior to distribution and approval of CAS Minutes of **June 8, June 22, July 27 and August 24, 2011.**
4. COMMUNICATIONS
  - a. No new communications
5. OLD BUSINESS

| <u>SUBJECT &amp;<br/>DATE RECEIVED</u><br>(mm/dd/yy) | <u>FROM - TO</u>   | <u>DESCRIPTION</u>  |
|--|--------------------|---|
| a. Code Proposal                                     | Lisa Humble<br>CAS | <b>10-IRC</b> Code proposal re 2009 IRC re AG 102 Definitions, AG 106 Entrapment Protection for Swimming Pool and Spa Suction Outlets, and AG 108 Standards |
|  |                    | ACTION: <u>Currently tabled pending C&amp;SC appeal decision.</u>   |
| b. Code Proposal<br>3/29/10                          | Brian Platz<br>CAS | <b>12-IRC</b> Code proposal re 2003 IRC re R313.3 re carbon monoxide detectors  |
|  |                    | ACTION: <u>Tabled (OSBI additional info &amp; Statute 29-292)</u>   |



h. Code Proposal  
5/20/10

Anthony Cinicola,  
CBOA  
CAS

**30-IRC** – Code proposal re 2009  
IRC re R313 (automatic fire  
sprinkler systems); P2904  
(dwelling unit sprinkler systems)

ACTION: On 7/14/10 tabled

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i. Code Proposal  
5/20/10

Anthony Cinicola, CBOA  
CAS

**31-IRC** – Code proposal re 2009  
IRC re R301.2.1.1 Design  
criteria

ACTION: On 7/14/10 tabled pending T. DiBlasi review

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j. Code Proposal  
5/20/10

Terry Brouwer  
CAS

**32-IRC** – Code proposal re 2009  
IRC re sections 302 & 313

ACTION: On 7/14/10 tabled

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k. Code Proposal  
6/3/10

Paul Pennington  
CAS

**34 IRC** – Code proposal re 2009  
IRC AG106 vacuum relief  
system

ACTION: On 7-14-10 tabled pending C&SC appeal  
decision, (see 10-IRC)

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l. Code Proposal  
6/3/10

Paul Pennington  
CAS

**35 IRC** – Code proposal re 2009  
IRC re AG 101 through AG 108

ACTION: On 7-14-10 tabled pending C&SC appeal  
decision (see 10-IRC)

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m. Code Proposal  
6/4/10

Jean Rexford, ZAC  
Foundation  
CAS

**36 IRC** – Code proposal re 2009  
IRC re AG 101 through AG 108

ACTION: On 7-14-10 tabled pending C&SC appeal  
decision (see 10-IRC)

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n. Code Proposal  
6/4/10 James Howland/Charles Rotheberger  
CAS **39 IRC** – Code proposal re 2009 IRC re N1103.1.1 re heat pump recovery

ACTION: \_\_\_\_\_  
\_\_\_\_\_

o. Code Proposal  
6/22/10 John Yacovino  
CAS **1-IBC** Code proposal re 2003 IBC re 105.1

ACTION: On 6/24/10 revised proposal resubmitted  
On 7/14/10 M. Musco to coordinate with OSBI

p. Correspondence  
6/22/10 Francesca Provenzano,  
Dept. Public Health  
CAS **11R-IRC** Correspondence re supporting documentation re radon presentation

ACTION: On 6/24/10 forwarded to M. Musco for review  
On 7/14/10 Musco to coordinate with OSBI

q. Correspondence  
6/22/10 Francesca Provenzano,  
Dept. Public Health  
CAS **11R-IRC Resubmitted** Correspondence re supporting documentation re radon presentation

ACTION: On 6/24/10 forwarded to M. Musco for review  
On 7/14/10 Musco to coordinate with OSBI

r. Correspondence  
6/21/10 Donald Mitchell,  
Chatham Health District  
CAS **11-IRC** - Correspondence re radon resistant new construction

ACTION: On 6/24/10 forwarded to M. Musco for review  
On 7/14/10 Musco to coordinate with OSBI  
Request for presentation pending

s. Correspondence  
7/23/10 Jean Wexford,  
Zac Foundation  
CAS **36-IRC** Request to make oral presentation re 36 IRC

ACTION: \_\_\_\_\_  
\_\_\_\_\_

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|------------------------------|-------------------------------------|--|
| t. Code Proposal<br>9/21/10  | Donald Hammerberg<br>CAS            | <b>2-IBC</b> - Code Proposal re 2003<br>IBC re 1109.2.4 Additional Grab<br>Bar                         |
|                              | ACTION: _____                       | _____  |
| u. Code Proposal<br>9/30/10  | Lisa Humble<br>CAS                  | <b>42-IRC</b> Code proposal re 2009<br>IRC re E3405 Electric vehicles                                  |
|                              | ACTION: _____                       | _____  |
| v. Code Proposal<br>9/30/10  | Lisa Humble<br>CAS                  | <b>3-IBC</b> Code proposal re 2009<br>IBC re 2703 Electric vehicles                                    |
|                              | ACTION: _____                       | _____  |
| w. Code Proposal<br>12/16/10 | Lisa Humble, OSBI<br>CAS            | <b>43-IRC</b> Code proposal re 2009<br>IRC, Part VIII-Electrical, Chapter<br>34, Section E3401 General |
|                              | ACTION: _____                       | _____  |
| x. Code Proposal<br>2/2/11   | Doug Golden/Bruce<br>Spiewak<br>CAS | <b>4-IBC</b> Proposed Code Change<br>re 2009 IBC   |
|                              | ACTION: _____                       | _____  |
| y. Code Proposal<br>2/2/11   | Doug Golden/Bruce<br>Spiewak<br>CAS | <b>1-FSC</b> Proposed Code Change<br>re 2009 International Fire Code<br>(IFC)                          |
|                              | ACTION: _____                       | _____  |





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|------------------------------|---------------------------|--|
| ll. Code Proposal<br>5/26/11 | Michael Sinsigalli<br>CAS | <b>1-IEBC</b> Code proposal re 2009<br>International Existing Building<br>Code re 101.9                          |
|                              | ACTION: _____             | _____  |
| mm. Code Proposal<br>5/26/11 | Michael Sinsigalli<br>CAS | <b>2-IEBC</b> Code proposal re 2009<br>International Existing Building<br>Code re 605.3 Alterations -<br>Level 1 |
|                              | ACTION: _____             | _____  |
| nn. Code Proposal<br>5/26/11 | Michael Sinsigalli<br>CAS | <b>3-IEBC</b> Code proposal re 2009<br>International Existing Building<br>Code re 705.2 Alterations –<br>Level 2 |
|                              | ACTION: _____             | _____  |
| oo. Code Proposal<br>5/26/11 | Michael Sinsigalli<br>CAS | <b>4-IEBC</b> Code proposal re 2009<br>International Existing Building<br>Code re 912.4.1 Change of Use          |
|                              | ACTION: _____             | _____  |
| pp. Code Proposal<br>5/26/11 | Michael Sinsigalli<br>CAS | <b>9-IBC</b> Code proposal re 2009<br>International Building Code re<br>3412.1.1 Means of Egress                 |
|                              | ACTION: _____             | _____  |
| qq. Code Proposal<br>5/26/11 | Michael Sinsigalli<br>CAS | <b>10-IBC</b> Code proposal re 2009<br>International Building Code re<br>3408.5 Means of Egress                  |
|                              | ACTION: _____             | _____  |

rr. Code Proposal                      Michael Sinsigalli                      **11-IBC** Code proposal re 2009  
5/26/11                                      CAS    International Building Code re  
3404.6 Means of Egress

ACTION: \_\_\_\_\_  
\_\_\_\_\_

ss. Code Proposal                      Michael Sinsigalli                      **12-IBC** Code proposal re 2009  
5/26/11                                      CAS    International Building Code re  
3403.5 Means of Egress

ACTION: \_\_\_\_\_  
\_\_\_\_\_

tt. Code Proposal                      Michael Sinsigalli                      **6-IMC** Code proposal re 2009  
5/26/11                                      CAS    International Mechanical Code  
re 507 Commercial kitchen  
hoods

ACTION: \_\_\_\_\_  
\_\_\_\_\_

uu. Code Proposal                      Lawrence Caniglia                      **8-IBC** Code proposal re 2009  
5/27/11                                      CAS    International Building Code re  
3109.5

ACTION: \_\_\_\_\_  
\_\_\_\_\_

vv. Code Proposal                      Bill Ethier                                      **2-NEC** Code proposal re 2008  
6/1/11                                      CAS    National Electrical Code re  
210.12 (B)

ACTION: \_\_\_\_\_  
\_\_\_\_\_

ww. Code Proposal                      Bill Ethier                                      **3-NEC** Code proposal re 2008  
6/1/11                                      CAS    National Electrical Code re  
406.11

ACTION: \_\_\_\_\_  
\_\_\_\_\_

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|------------------------------|---------------------------|---|
| xx. Code Proposal<br>6/1/11  | Bill Ethier<br>CAS        | <b>4-NEC</b> Code proposal re 2011<br>National Electrical Code re<br>210.12 (A) |
|                              | ACTION:                   | _____   |
|                              |                           | _____   |
| yy. Code Proposal<br>6/1/11  | Bill Ethier<br>CAS        | <b>5-NEC</b> Code proposal re 2011<br>National Electrical Code re<br>210.12 (B) |
|                              | ACTION:                   | _____   |
|                              |                           | _____   |
| zz. Code Proposal<br>6/1/11  | Bill Ethier<br>CAS        | <b>6-NEC</b> Code proposal re 2011<br>National Electrical Code re<br>210.52(1)  |
|                              | ACTION:                   | _____   |
|                              |                           | _____   |
| aaa. Code Proposal<br>6/1/11 | Bill Ethier<br>CAS        | <b>7-NEC</b> Code proposal re 2011<br>National Electrical Code re<br>406.12     |
|                              | ACTION:                   | _____   |
|                              |                           | _____   |
| bbb. Code Proposal<br>6/1/11 | John Jackman<br>CAS       | <b>7-FSC</b> Code proposal re 2009<br>ICC Fire Code                             |
|                              | ACTION:                   | _____   |
|                              |                           | _____   |
| ccc. Code Proposal<br>6/1/11 | Michael Sinsigalli<br>CAS | <b>8-FSC</b> Code proposal re 2009<br>International Fire Code re<br>Chapter 5   |
|                              | ACTION:                   | _____   |
|                              |                           | _____   |





ooo. Code Proposal  
6/1/11 Peter Griem  
CAS **27-IBC** Code proposal re 2009  
International Building Code re  
1809.4 Depth and width of  
footings and 1809.5 Frost  
protection

ACTION: \_\_\_\_\_  
\_\_\_\_\_

ppp. Code Proposal  
6/1/11 Peter Griem &  
Lawrence Johnsen  
CAS **28-IBC** Code proposal re 2009  
International Building Code re  
1810.3.3.1.3 Load test  
evaluation methods

ACTION: \_\_\_\_\_  
\_\_\_\_\_

qqq. Code Proposal  
6/1/11 Peter Griem  
CAS **19-IBC** Code proposal re 2009  
International Building Code re  
1609.2 Definitions

ACTION: \_\_\_\_\_  
\_\_\_\_\_

rrr. Code Proposal  
6/1/11 Peter Griem  
CAS **24-IBC** Code proposal re 2009  
International Building Code re  
1704.2.2 Fabricator approval

ACTION: \_\_\_\_\_  
\_\_\_\_\_

sss. Code Proposal  
6/1/11 Peter Griem  
CAS **25-IBC** Code proposal re 2009  
International Building Code re  
1710.1 Structural observations

ACTION: \_\_\_\_\_  
\_\_\_\_\_



xxx. Correspondence Patrick Farquharson Correspondence re code  
 8/12/11 CAS proposal changes re  
 “substantially compliant” and/or  
 “substantially complies”

ACTION: \_\_\_\_\_  
 \_\_\_\_\_

yyy. Current schedule for OSBI staff to review and identify potential code changes on the ICC family of codes.

|    |                  |  |
|----|------------------|--|
| 1. | <b>2009 IECC</b> | <b>Amendment revisions completed, resubmit to Regulations Review Committee pending</b> |
| 2. | <b>2009 IRC</b>  | <b>Complete review by May 25, 2011 CAS meeting</b>                                     |
| 3. | 2008 NEC         | Complete review by June 22, 2011 CAS meeting   |
|    | <b>2011 NEC</b>  | <b><i>OSBI review completion date pending</i></b>                                      |
| 4. | 2009 IPC         | Complete review by July 5, 2011 CAS meeting  |
|    | <b>2012 IPC</b>  | <b><i>OSBI review completion date pending</i></b>                                      |
| 5. | 2009 IBC         | Complete review by August 10, 2011 CAS meeting   |
|    | <b>2012 IBC</b>  | <b><i>OSBI review completion date pending</i></b>                                      |
| 6. | 2009 IMC         | Complete review by August 24, 2011 CAS meeting   |
|    | <b>2012 IMC</b>  | <b><i>OSBI review completion date pending</i></b>                                      |
| 7. | 2009 IEBC        | Complete review by October 12, 2011 CAS meeting  |
|    | <b>2012 IEBC</b> | <b><i>OSBI review completion date pending</i></b>                                      |
| 8. | <b>2012 IECC</b> | <b><i>OSBI review complete date pending</i></b>  |
| 9. | <b>2012 IRC</b>  | <b><i>OSBI review complete date pending</i></b>  |

zzz. Next Connecticut State Fire Safety Code

1. 2012 IFC for New Construction and NFPA 101 for Existing Buildings only (current code)
2. Decision by OSFM pending

aaaa. Prior review of comparison of the 2003 and 2009 International Residential Code

1. Chapter 4 Foundations - OSBI / CAS Completed 6/22/2011
2. Chapter 5 Floors - CAS Completed 4/27/2011, OSBI 6/22/2011
3. Chapter 6 Wall Construction - CAS Completed 4/27/2011, OSBI pending (1 Item)
4. Chapter 7 Wall Coverings - OSBI / CAS Completed 6/22/2011
5. Chapter 8 Roof-Ceiling Construction - CAS Completed 4/27/2011, OSBI 6/22/2011
6. Chapter 9 Roof Assemblies - OSBI / CAS Completed 6/22/2011
7. Chapter 10 Chimney's and Fireplaces - OSBI / CAS Completed 6/22/2011
8. Chapter 11 Energy Efficiency - OSBI / CAS Completed 8/24/2011
9. Chapter 12 Mechanical Administration- OSBI / CAS Completed 8/24/2011
10. Chapter 13 General Mechanical System Requirements - OSBI / CAS Completed 8/24/2011
11. Chapter 14 Heating and Cooling Equipment - OSBI / CAS Completed 8/24/2011
12. Chapter 15 Exhaust Systems - OSBI / CAS Completed 8/24/2011
13. Chapter 16 Duct Systems - OSBI / CAS Completed 8/24/2011

bbbb. Logistics for review and adoption of the 2012 International Code Council Family of Codes and NFPA 101

1. Code Change Proposals to the 2012 ICC Codes
  - a. Establish submission date deadlines
  - b. Prepare draft letter to code change proposal proponents for review of 2012 code language and requirement for resubmission of code change proposal coordinated with 2012 sections and language for CAS to consider proposal
2. OSBI staff review timeline
3. Code Change Format
  - a. Changes to Comply with State Statute
  - b. Changes to Coordinate with Other Codes where conflicts occur
  - c. Changes to Correct Errors (Existing Connecticut Supplement)
  - d. Changes based on Approved Code Change Proposals
4. Regulation Approval Process (Process takes from 12 months to 18 months under normal circumstances, see attached checklist)

- cccc. Legislative Regulation Review Committee, Regulation No. 2011-017 - STATE BUILDING CODE-2005 CT SUPPLEMENT 2011 AMENDMENT TO ADOPT THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE (Recommendation: Rejection without prejudice)
  - 1. Regulation Review Committee meeting rescheduled from May 24, 2011 to May 26, 2011
  - 2. Regulation No. 2011-017 - Rejected
  - 3. CAS 2009 IECC Amendment revisions addressing Substantive Concerns and Technical Corrections.
  - 4. Timeline for resubmitting 2009 IECC Amendment pending after July 1, 2011
    - a. Kevin Kopetz obtained Acting Commissioner for Department of Construction Services signature on certification pages
    - b. Submitted to the Office of the Attorney General for review for legal sufficiency and approval
    - c. Resubmitted to Legislative Regulation Review Committee on 8/30/2011 (deadline by the first Tuesday of the month or September 6, 2011)
    - d. Legislative Regulation Review Committee meeting scheduled the fourth Tuesday of the month (September 27, 2011), agenda pending.

## **6. NEW BUSINESS**

- a. Status of 2011 CT Amendments to the 2009 International Residential Code
  - 1. Update from OSBI
    - a. Chapter 1 Draft Connecticut Amendments
    - b. Chapter 2 Draft Connecticut Amendments
- b. Review of comparison of the 2003 and 2009 International Residential Code
  - 1. Chapter 17 Combustion Air
  - 2. Chapter 18 Chimneys and Vents
  - 3. Chapter 19 Special Fuel-Burning Equipment
  - 4. Chapter 20 Boilers and Water Heaters
  - 5. Chapter 21 Hydronic Piping
  - 6. Chapter 22 Special Piping and Storage Systems
  - 7. Chapter 23 Solar Systems
  - 8. Chapter 24 Fuel Gas

## **7. ADJOURNMENT**

Next meeting is set for Wednesday, September 28, 2011 at 1:00 pm.

**KEY: IECC - International Energy Conservation Code**  
**IRC - International Residential Code**  
**IBC - International Building Code**  
**IFC - International Fire Code**  
**IMC - International Mechanical Code**  
**IPC - International Plumbing Code**  
**NEC - National Electric Code**  
**IEBC - International Existing Building Code**

### **CHECKLIST FOR REGULATIONS**

1. Draft regulations, statement of purpose and fiscal note.
2. Obtain approval of agency head.
3. Send to Governor's office and OPM for preliminary approval. (No deadline for approval, previous Administration required 3 to 5 months.)
4. Upon receipt of approval of Governor's office/OPM, schedule hearing, prepare notice for Connecticut Law Journal (publication cycle: 2 weeks from notice submittal to publication, plus 30 days to hearing) and send copies to interested persons or groups. Also, prepare and submit small business fiscal note (PA 09-19) and analysis under 4-168a to Department of Economic and Community Development/Commerce Committee. Copy legislative committee of cognizance on hearing notice. (DRAFT MAY NOT BE DISSEMINATED, NOR MAY THE PUBLIC COMMENT PROCESS BE COMMENCED UNTIL GOV./OPM APPROVAL IS RECEIVED.)
5. Conduct public hearing or solicit public comment, review comments, revise regulations as appropriate and inform commenter's of actions taken.
6. Prepare certification documents for agency head's signature and submit with final regulation draft to the Office of the Attorney General for review for legal sufficiency. (AG has 30 days by statute.)
7. Upon approval of the AG's office, file 1 original and 18 copies with the standing Legislative Regulations Review Committee. (Committee of cognizance and fiscal analysis also get copies.) If filed by deadline of the first Tuesday of the month, item will be considered at the following month's meeting, with is held the fourth Tuesday of the month.
8. If regulation approved the first time (there's a less than even change of this happening), regulation becomes effective upon filing with the Secretary of the State's office or a date certain that the agency has specified on the certification form that is attached as the final page of the regulation.
9. If rejected the first time through (committee will reject if it desires to add or change language, believes the agency has exceeded its statutory authority or if there are too many copy-editing-type issues). Corrections are made and the drafts are submitted to the AG before returning to the committee.

CASVAG 9-14-11