**Technical Building Codes and Standards Board Meeting Minutes**

**October 8, 2015**

**1:00 p.m. in Fallen Heroes**

Meeting opened at 1:30 p.m.

**BOARD MEMBERS PRESENT**: Marc Veilleux, Steve Wintle, Eric Dube, Dick Lambert, Dick Tarr, Jeff Ohler, Russ Martin and Mike Pullen (who “chaired” today’s meeting)

**EXCUSED**: Barry Chase, Bob Ellis and Roger Rossignol

**STAFF MEMBERS PRESENT**: Kathy Robitaille, Secretary (Chair Rich McCarthy absent)

**REVIEW OF THE JULY 23, 2015 MINUTES**

Motion: Dick Tarr motioned to accept the minutes as presented.

Seconded: Dick Lambert

Vote: unanimous vote

**FINANCIAL UPDATE**: $320,696.00 in the Building Codes account as of today.

**REPORT FROM BOARD CHAIR - RICH MCCARTHY**

No Board Chair report available.

**LEGISLATIVE UPDATE – RICH MCCARTHY**

No Legislative Update available.

**ADOPTION OF 2015 CODES AND STANDARDS**

**Review of the 4 MUBEC “Chapters” of Rules to update according to the 2015 ICC Codes that will be adopted.**

**Chapter 3 – Maine Uniform Building code – Commercial Building Code of Maine**

**Section 4 – Incorporation by Reference** – Chapters renumbered in 2015. Chapter 11 Accessibility added in. Chapter 30 Elevators and Conveying Systems added in. Chapter 34 (existing structures) deleted. \*\***Question** – If that is now included – does the Human Rights Commission agree?

Chapters/Appendices excluded – Appendix L and M included in exclusion (Earthquake and Tsumani).

**Section 5 – Revisions to the IBC**

Delete Section 102.4.1 and 102.4.2 Conflicts & Provisions (new in 2015 code)

Delete Sections 102.6.1 and 102.6.2 (new in 2015 code)

#20 and #21. Sections 715.4.8.1.1 and 716.5.3 changed to new 2015 code numbers of 716.5.9.1.2

and 717.5.3.

#24. Section 1004.1 Exception changed to 1004.1.2 (typo missed in original rules)

#26. Section 1008.1.9.8 changed to 1010.1.9.9 (deleting E)

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#27. Section 104.3 is now Section 1017 in the 2015 Code

#28 - #31. Section 1016, Table 1016.1 is now Section 1017 and Table 1017.2

#32. Table 1018.1 is now table 1020.1

#33. Section 1029.5.1 is now 1030.5.1

**\*\*Question:**  Why is B deleted on #32?

**Chapter 4: Maine Uniform Building Code – Existing Building Code**

**Section 5. Revisions to the IEBC**

Continue to delete “International Fire Code” and insert NFPA #1: Fire Code and standards adopted pursuant to Title 25 §2452 and 2465” wherever referenced in #2 - #32 in Section 5.

\*\***Question**: Why is Chapter 42 – Pools staying in?”

\*\***Question** – Former Chapter 3 Prescriptive Compliance Method is now Chapter 4. Should we look at?

\*\***Question** – Section 706 – is all new reference on Roofing – do we need to discuss?

\*\***Question – Former Section 912.5.1 is now 1012.5.1 with a change of occupancy classification –**

**discussed needed?**

\*\***Question** - Table M1507.3.3 (1) (IRC) should it still be deleted?

**Chapter 6: Maine Uniform Building Code – Energy Conservation Code**

**Starting with Section 5 – Chapter/Section 402.2** – **there are many new changes and requirements in insulation values, mechanical ventilation system for Whole House and many other issues to be further discussed by the Board.**

**REPORT FROM THE ENERGY/MECHANICAL/VENTILATION COMBINED TAG COMMITTEE MEETING OF 8/12/15**

Minutes from the TAG meeting were passed out to the Board members.

Steve Wintle, Board member, also prepared a summary report for the Board in reference to the Ventilation and Energy requirements for Residential and Commercial that were discussed in a recent Energy and Ventilation TAG meeting:

Three items of residential interest:

1. R-10 Foundation Insulation
2. Blower Door testing
3. 1” exterior rigid insulation

1.) Tag committee supports keeping requirement of R-10 foundation in lieu of R-15 national standard.

2.) Blower door was supported unopposed for residential. Only one proposal against was received from HBA, and would drop blower door requirement for multi-family. FYI find supporting documentation from my firm for blower door:

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* Lincoln Maine case study presented to the legislature last winter in favor of MUBEC, IECC energy code, with emphasis on critical need for blower door test during construction. This building also had serious heat loss due to none existent air barrier in the ceiling with multiple recessed can lights.
* Two photographs (emailed to board) of two homes BPI evaluated and since corrected, that were constructed post MUBEC with a visual inspection – no blower door test and experienced inability to be heated adequately due to excessive air infiltration.

3.) The TAG committee suggested more discussion with full board on 1” rigid insulation. HBA opposes and NEEP supports, both submitted payback analysis that is wide apart.

* Steve will prepare a payback analysis, tomorrow a.m. (time permitting).
* Steve has reached out to Efficiency Maine, MABEP and MBOIA and look forward to their responses.

Board member Dick Tarr remarked that he has a problem with requiring blower door tests. Dick Lambert advised that it would make it easier as a Code Enforcement Officer and would create a better product. Steve Wintle advised that the $200 test would help save energy and is good for public health.

Eric Dube asked if there are enough folks doing the blower door tests in the state? Do they know how to fix it once they get the results? (referring to insulation contractors). Steve Wintle also advised that the person who does these has to be Building Performance Institute certified, in order for the rebate to be received from Efficiency Maine. Eric asked if we are ready for that – to mandate blower door tests? Will there be enough folks to do the tests? What is realistic? How long does it take to do the testing process? Comment that the average Maine home has seven miles of “seams” in it. Comment also that 7,000 blower door tests were done in the State of Maine last year that received rebates from Efficiency Maine.

Russ Martin asked if we can investigate how many people are out there to do this work for residential homes? Steve will ask Efficiency Maine. For multifamily buildings, TRC Consultants who provided training for BPI instructors may have some helpful insights on these issues/questions. Also advised for Steve Wintle to reach out to Don McGilvery at Maine State Housing on these multifamily building questions

Russ advised that he will be recommending that we keep ASHRAE 62.2 as a Standard, not a Code. .

**UNFINISHED BUSINESS**

**Conflict submitted on Ground Improvement versus Piles by Dean Sciaraffa, P.E. from H.B. Fleming. 2012 IBC Section 1705 and 1810, page 385, 408-420**

Eric Dube advised to send this to the IBC TAG to consider this conflict.

**NEW BUSINESS**

None.

**PUBLIC COMMENT**

None.

Meeting ended at 11:00 a.m.

Respectfully submitted – Kathy Robitaille, Secretary