



MECKLENBURG COUNTY
Land Use & Environmental Services Agency
Code Enforcement

Technical Advisory Board

Quarterly Report to the Building Development Commission

- **TAB Meeting Report**
- **Green Build Team Activity**
- **Other Sustainable Design Issues**

TECHNICAL ADVISORY BOARD (TAB)
Minutes of September 14, 2010 Meeting

Phil Edwards opened the Technical Advisory Board (TAB) meeting at **9:30 a.m. on Tuesday, September 14, 2010.**

Present: Billy Austin, Jeffrey Bame, Steve Daley, Phil Edwards, Thomas Gentry, Richard Grubbs, Donnie Jones, Mark Krouse, Brent Long, Keith Pehl, Heidi Pruess, Rebecca Simcox, Joe Weathers, Will Weaver and Imad Zeitouni

Absent: Stephen Abernathy

1. INTRODUCTIONS

Phil Edwards began the meeting of the Technical Advisory Board (TAB) by asking everyone to introduce themselves and the firm they represent. See above listed attendees.

2. SCOPE DOCUMENTS

The scope of TAB was described in detail. Phil Edwards discussed examples of green and sustainable design means and methods that may be presented to the TAB. When asked about compliance paths, Joe Weathers clarified that all final decisions would be made by the Code Administrators. It was pointed out that it is not an obligation of the TAB members to develop issues to be heard. Issues submitted by interested persons must be project specific and as early in the project's design as possible. Discussion ensued about the ability to exceed the code. It was explained to the TAB that Mecklenburg must go by the minimum code. A requirement to exceed the code would have to go through a legislative process taken to the Board of County Commissioners and if approved; we would create an ordinance. THE TAB could make a recommendation to the Building Development Council to seek legislative authority regarding an issue, as with any other recommendation.

3. PROPOSED SUBMITTAL FORM

Phil explained the TAB Sustainable Design Submission form draft in detail and asked the board for suggestions of expansion to the document. Amendments to the document will include:

- Approved as Noted
- Revise and Resubmit
- Describe problem and solution – this would be a section for the submitter to explain rational of how their design meets code and the reason for their proposal.
- Date of Submittal
- List of Attachments
- Permit # - if the project has already been permitted
- Ruling

4. MEETING PROCEDURES

TAB will meet the third Wednesday of each month provided there are sustainable design submissions for review. The TAB agreed that standardized submittals be reviewed on the following schedule:

- 1st Wednesday of each month: submittals distributed by email to all TAB members
- 2nd Wednesday of each month: TAB questions generated will be forwarded to the submitter
- 3rd Wednesday of each month: the TAB will meet on those projects needing additional information/explanation and provide the customer an opportunity for presentation to include their vendors if needed. Each presentation will be limited to 30 minutes. After said

presentation; the TAB will make recommendation to the trade Code Administrator to render final decision.

5. WEBSITE INFORMATION

A requirement of the TAB is to maintain a web site. The board discussed items for the web site to include:

- Documents needed for submittal
- TAB members
- Results of proposals
- Meeting minutes

6. TAB MEMBER COMMENTS

No additional comments.

7. ADJOURNMENT

The first meeting of the Technical Advisory Board concluded at 10:36 a.m.

TECHNICAL ADVISORY BOARD (TAB)
Minutes of December 15, 2010 Meeting

Present: Stephen Abernathy, Billy Austin, Jeffrey Bame, Steve Daley, Phil Edwards, Thomas Gentry, Richard Grubbs, Donnie Jones, Lon McSwain, Keith Pehl, Rebecca Simcox, Joe Weathers and Imad Zeitouni

Absent: Richard Grubbs, Mark Krouse, Brent Long, Heidi Pruess and Will Weaver

Joseph Weathers opened the Technical Advisory Board (TAB) meeting at **9:35 a.m. on Wednesday, December 15, 2010.**

- 1. WELCOME – CALL to ORDER**
- 2. APPROVAL OF MINUTES** – Keith Pehl made the motion to approve the minutes from the September 14th 2010 meeting. Donnie Jones seconded the motion. Approval of the TAB minutes passed unanimously.
- 3. TAB MEMBER ISSUES / COMMENTS** - It was confirmed that monthly TAB meetings will not be required if there are no submissions. The TAB will continue to meet quarterly.
- 4. UPDATE from BCC on IgCC** – Lon McSwain gave an update from the BCC and IgCC on the adoption of various codes and legislature.
- 5. LOCAL ACTIVITY PV-EV-BIM (CMC)** – Joe Weathers gave an update on local activity. Mr. Weathers discussed Electric Vehicle charging stations, permitting and proposed lists of contractors. Joe went on to say that the EV certification classes began this month.
- 6. SUBMITTAL FORM APPROVAL** – The board was asked to review the TAB submittal document. Donnie Jones suggested a line separating the submission form from the board recommendation. The board also asked for a field edited version of the submittal form. Approval for finalization of draft form, now complete and loaded on the web site.
- 7. WEBSITE PROGRESS** – The TAB web site is up and functional. The TAB link was forwarded to all TAB members for review and discussion in the next quarterly meeting.
- 8. HOW DO WE GET THE WORD OUT ABOUT THE TECHNICAL ADVISORY BOARD?** – Joseph Weathers discussed with the board how to get the word out to the industry about the Technical Advisory Board. Donnie Jones suggested a Press Release. TAB members suggested meetings with AIA and PENC to present a brief intro of the TAB. Keith Pehl has a project at Catawba River and has offered to contact his customer and introduce TAB.
- 9. Adjournment**

Next meeting scheduled for Wednesday, March 16, 2011 in the Hoffman Conference room of the Hal Marshall Center.

Green Build Team Status and Activity

1. Assigned/volunteer inspector-plan reviewers at Nov. 16, 2010

- Mech/Plbg Plan Reviewer: Tom Smith
- Mech Inspector: Jeff Rosman
- Plbg Inspector: Tom Shoupe
- Electrical Plan Reviewer: Andy Scoggins
- Electrical Inspector: Travis McCall
- Building Plan Reviewer: Kevin Fulbright
- Building Inspector: Andy DeMaury, Harold Sinclair

2. Training activity

We have the commitment of the staff and their CEMs and we are currently looking for educational opportunities for the Green Team volunteers.

3. Recent activity

On December 10, we met with all members to discuss;

- Training opportunities in sustainable design an Green Build, suggesting we team members, Code Administrators and Directors all pool our efforts to identify classes or seminars (whether physical or web based) that would help the team grow its knowledge.
- We also advised the team of our November 18 discussions with CHC, regarding identifying a CHC BIM project in Meck County, with sustainable design aspects. This project will be assigned to the Green Build Team, to push our background sustainable design issues, at the same time testing how our P&I technology does (or will) mesh with BIM project processes. Many of the Green Build Team's members participated in the ICC Code Hearings on the adoption of the 2012 International Energy Conservation Code.

Other Sustainable Design Issues

January 18, 2011

1. NC Energy Conservation Code adoption by the NC Building Code Council (BCC)

The original petition for amendments for the 2012 NC Energy Conservation Code-base code was modified through a series of changes negotiated in committee and is designed to improve code performance above the base 2006 NC Energy Conservation Code as follows;

- Residential construction is estimated to improve by 15%.
- Commercial construction is estimated to improve by 30%.
- The BCC voted to set an effective date of January 1, 2012, with a two month transition period following. This means the 2012 NC Energy Conservation Code must be used on projects permitted on or after March 1, 2012.

2. International Green Construction Code (IgCC)

In September the BCC voted to form an Ad Hoc Committee to study this new code, with the stipulation that the committee is specifically not charged with bringing back a code adoption proposal. At this date it appears the BCC will declare several aspects of the IgCC outside the realm of their responsibility. Consequently, we are uncertain of their desire to advance this as a new code in North Carolina.

3. Rainwater Harvesting

An ad-hoc committee of industry professionals and inspectors has met to develop the code logic for the purpose of rainwater collection in North Carolina. The base document was pulled from Chapter 7 of the IgCC and edited to be placed in the appendix section of the NC Plumbing Code when adopted by the BCC.