

SSBC TAP 2.12.09

Minutes

Present: Glen Morgan, Larry Renfroe, Verne Hedges, Jon Kinstad, Randy Wheelock, Janine Snyder

Others: Robert & Scott Hoffman from County; Mark Hogan, Mark Schneider

Public Comment: None

Changes to the Agenda/Minutes: None

Mark Hogan: (Attached letter for reference) Thanks for opportunity to talk; today have paired down to pertinent issues; has filled out the checklist/matrix many times, has found it to be generally good, some clean up still needed since last revision

Randy: Have you used new checklist?

Mark: Yes, believe so.

Glen: Can you get specifics to us?

Mark: Yes, will check into that.

Scott (County): County also notes glitches as they arise and documents and communicates with Matt.

Mark: Hoped for more revisions. Shame that jurisdictions have diverged paths; goal from day one was to have one document. Unfortunate that that has happened. Specifics: (see attached letter)

- Snowmelt systems: explained an example in Breckenridge that is a “smart system” with automatic turn off system. Believes that negative points should be adjusted downward (less of a penalty). Verne: Clarification – are we talking about electronic heat? Mark: No, hydronic snowmelt systems. Glen: We have ability to get back points in the resource guide; design was to get negative points in the beginning and get them back; processes is better to get positive points back. Suggestion to Mark to get an interpretation request together for positive points for smart systems. Discussion about how often snowmelt systems are left on. Some think it does occur, others don’t. Difference between terraces and asphalt surfaces. Can group agree to exclude above living spaces? Yes!
- Additions: Checklist still gives wrong data. Calculation issue on checklist not giving correct points back for existing. Goal should be to encourage more energy efficiency. Larry: Unfortunately, most don’t touch existing stuff. Scott: points do exist for windows on remodels. Mark: points should be higher.
- Mass Walls: What to do with log walls? Robert: Can use Res-Check to come up with calculation; they had to up boiler efficiency and better windows and doors.

- Logs typically low R-value. Glen: Option does exist to go back to 06 IECC and do the prescriptive route.
- Interior Space Daylighting: Glen: glaze panels are allowed
  - Slab Edge Insulation: Issue OK.
  - Definitions: What about MultiFamily. Some confusion about units. Janine: Big gaps with MF project; feels strongly about it. Glen: Works well for small number of units (ie, 4 units); described history and dwelling unit size. Option does exist to go to Green Globes or LEED or other program. Vision: smaller projects can work with this; bigger projects should probably go to another program. Mark: clarification – what about town homes? Property line is SF; Townhome is SF Mark/Janine: Green Globes has been difficult to work with.
  - Crawl Spaces: Mark: should be conditioned.
  - ICF systems: Mark: Difficult because you can't see concrete and dampproof
  - Man Made Materials: More you process; more you get mold. Randy: Mold loves to eat glue. Janine: suggestion to give points for moisture control. Mark: soaking with borax can alleviate mold. Mark: steam master does that. Verne: drywall without paper exists, but very expensive. Jon: Should alleviate source of moisture before food.
  - Destratification: Mark suggests exempting certain spaces, like entry ways, should be excluded. Are ceiling fans really used and desired. Square footage should be included to exclude certain areas. Glen: this should be looked at at next re-write. Janine: suggest to include this in interpretation request to get this addressed and documented immediately.
  - Compliance Requirements: What happens with inspection and when glass countertops are not installed but where designed to. Janine: would need to offset points in another way; these are plan check and final inspection too. Glen: probably would highlight items selected
  - Other issues: Addressed. Ok. Mark will get with Glen and look at hydronic systems together. Larry: Do you feel like your questions and concerns were addressed? Mark: Yes. In general, I don't like code. People should do the right thing because they want to, not because they have to. For the lowest common denominator, this is good. Glen: Do you think this is better than LEED residential. Mark: Yes, local is better and this is easier to deal with. Randy: Another key point was that we wanted this to be home grown, to address local issues. Larry: Offered incentives for E-star homes and zero people participated; only one person did it in Frisco. Lesson learned was that voluntary didn't work. Verne: But that was a different climate then; that may work now.

Next Item:

IR # 2-09-01. Mark: As stated, comparing plaster versus low VOC paint. Suggestion to re-state natural clay finishes and should be changed to natural plaster finishes.

Comments: Everyone in favor. Changed!

Next issue, changing the point value. In comparison, low VOC point gets 4 points and natural plaster finishes have thermal mass that low VOC paint doesn't. These thicknesses vary dramatically. Another reason is that clay is non-VOC versus low-VOC for paint materials. Also have some local materials for potential use. Mark refers to paint label for

language about chemicals in low VOC paint. More points: Moisture wicking; plasters can absorb and re-release moisture. Plasters are breathable. Verne: can plasters be applied to drywall or do they have to be lathed? Mark: Can be applied to a variety of substrates. Glen: How do you apply on drywall? Mark: Depends on material. Can add low or non-VOC primer with sand in the mix. American Clay has milk glue product additive. Generally, you use hand trowel, some can be sprayed on. Janine: How many suppliers are in Summit? Mark: Not sure; his company is one supplier; American Clay is just one. Scott: Is plaster the finished product? Mark: Stucco is different and can be painted or pigments added. Goal is not to paint plaster. Pigment is in entire structure. Verne: Can this product be painted over if people want to change color? Any negative issues? Mark: No negative issues he is aware of. You can paint over. You can also scrape it off walls. Verne: What if someone paints over plaster and creates a vapor barrier over the clay and there is one behind it? Mark: Not necessarily a vapor product behind it. Go back to the earth. Randy: discusses moisture leakage issues in broad terms; mass is already rewarded in passive solar design, bigger macro issue in point determination: overtly energy stuff was done through mathematical calculations; IAQ & other resource areas, etc. points were assigned based on committee and survey process. Janine: agrees with Randy on not upping too much; suggests making it equal to low VOC points. Scott: Using materials from the earth seems better; comfortable with moving up to 4 points. Mark: Group surveyed at large should understand comparison of two products. Robert: Paint is exceedingly high; to make it more equitable. Glen: What about square footage relation? We need to address that. Groups of categorized materials. Clearly this should be higher than low VOC paint. Mark: What about the erosion of the points? Caution on taking away points. Verne: Bring up to Low VOC is acceptable Scott: Accent for

Glen: Consensus for 4 points the same as Low VOC. 1-25% = 1 point; 25-50% = 2 points; 50-75% = 3 points; 75% -100% **Need to change checklist to affect this.**

Feedback:

Verne: No official feedback from SCBA.

Janine: Frisco did go to 75 and 115 points and added more refunds; started from different level. Good SCBA meeting. Reminder to

Larry: Thanks to Randy and Verne for their efforts; SCBA meeting was smooth.

Glen: Agreed with Larry and Janine; get plans done; most departments have time to review plans. Use checklist as sales tool. Better off to get them running now.

Verne: Membership meetings – reminding folks to not walk in with blank paper. Take one you've done and run it through to learn.

Scott: Available through this process to help people learn and walk through it.

Robert: Checklist Additions Only. Janine has been using remodels. Glen: Remodels under the energy code, not under the sustainable code. Robert: Can you require folks to put in more insulation. **NEED MORE RESEARCH** – bring back to next group. Scott – what about adding hot tub and snowmelt. Standard remodels maybe not; maybe an interpretation.

Robert: How points assessed for stand alone hot tubs and structures. Glen: Houses built prior to adoption of code can't be touched. Robert: Suggestion to address this based on time house was built. Consensus is not to address hot tubs unless its on homes built with this code,

Robert: Checklist issues to Carly. Inspection times may vary by department. Robert/County has created a specific list by inspection. Will share with other departments. Should help contractors.

Structure: Valuable to have Scott and Robert on the panel. Verne: Not too loose; not too structured. Glen: We need info before meeting to be productive. Scott: How was this for Mark Schneider? Mark: Good & open minded.

Carly: Feedback from last forum (less smart ass comments); suggestions for specifics: architects; multi-family; bring drawings

Glen: Class doesn't work unless its very small. Outreach should be "go to the building departments." Verne: encourage participation; need to prepare for building to come back.  
(get info on building department suggestion to Jane).

April date for Architects Training:

Glen – does SCBA have list? No. Janine: contact AIA. Pre-register. Bring laptop (or let us know if you need to borrow one) and get plans and code loaded on laptops. Set of your own plans that you are familiar with. Carly to send out potential dates.