

Energy- Residential-Building
Sub-Committee Second Meeting
May 3rd, 2022
Minutes

MEETING BEGINS - 10:00 AM WELCOME

A. Ryan Taylor, Chairman, welcomed everyone and introduced sub-committee members and DCA staff.

B. DISCUSSION OF R-8 Flex Duct

- 1) Ryan Taylor explained that an issue about the availability of R8 Flex Duct was brought to the PMG subcommittee and as it would be an Energy Code issue it was passed over to the ERB Subcommittee. He introduced Elaine Powers, the chair of the PMG subcommittee, to speak on the issue
- 2) Elaine Powers presented on the shortage of R-8 Flex Duct.
 - a) Elaine stated that there is a national shortage of the R-8 Flex Duct that is used in attics of residential homes. The big manufacturers are aware of it and working on it.
 - b) North Carolina and Idaho took action, and Major Manufacturers are upset with their solutions.
 - c) The supply houses are having to sell based on an allocation derived from previous purchases. This is causing problems as some contractors are only getting 20% of what they need.
 - d) The price of sheet metal used in metal duct has gone up 60% in the last 2 years making that a very expensive and also time-consuming alternative.
 - e) Asked of the subcommittee if R-6 could be used as an alternative only as a temporary solution until the supply chain stabilizes around Q3 of 2023
 - f) Supply houses state that there is enough R-6 in Georgia and surrounding states to provide temporary relief of the issue.
 - g) Tim Williams and Bettie Sleeth agreed that this is a major issue for Home Builders in Georgia as there are houses currently sitting not able to be finished waiting on ductwork.
- 3) Discussion took place about the loss of efficiency and increase of moisture risk when going from R-8 to R-6
 - a) Subcommittee acknowledged letters from ATCO and ADC (See Attached)
 - b) Ryan Taylor talked about the possibility of a Radiant Barrier as a trade off to be used when going to R-6. Wants comments from the parties who submitted letters and any interested parties as to whether the addition of a radiant barrier will address the concerns stated in the submitted letters.
 - c) Elaine stated that R-8 to R-6 wouldn't be a big change and it would keep the cost of home building lower.
 - d) Amelia Godfrey stated that if all the ductwork were brought inside the envelope that you would already be able to use R-6 instead of R-8. She also offered to do both Mechanical Load and Energy Efficiency modeling for the committee to show the actual difference between R-8 and R-6.
 - e) Bettie Sleeth stated that the HBAG has also been led to believe there isn't a great difference between R-6 and R-8.
- 4) Discussion took place about the end date of the amendment
 - a) Daniel Baiamonte suggested January 1st 2023.
 - b) Elaine mentioned the supply chain issues probably will be improving around Q3 of 2023 so the end of Q2 would be a good end date.
 - c) Ryan Taylor suggested end of Q1 for the end date of the amendment as a starting point for the discussion as this would create a six-month window in which work could be started under the change from R-8 to R-6 or work could be planned such that ductwork would be within the thermal envelope.
- 5) An amendment will be drafted and sent out to interested parties for comment to be looked at and voted on at the May 24th ERB Meeting.

PRESENTATIONS (See ERB proposed amendment chart meeting 2)

- A. Michael D'Espisito spoke in favor of item 7. Tim Williams made a motion to deny with Bill Duck as 2nd. Motion Passed Unanimously
- B. Tim Williams spoke in favor of items 8-10. James Martin made a motion to approve item 8 with Bill Duck as 2nd. Bill Duck made a motion to approve item 9 with James Martin as 2nd. Bill Duck made a motion to approve item 10 with James Martin as 2nd. All 3 motions passed Unanimously.

BREAK 5 MIN FROM 11:16AM TO 11:21AM

- A. Shawn Mullins spoke in favor of items 21 and 22
 - 1) Bill Duck made a motion to deny item 21 because of confusing language to be corrected and resubmitted by December 15th for the next amendment cycle if the proponent so chooses with Windell Peters 2nd. Motion Passed Unanimously
 - 2) Tim Williams made a motion to deny item 22 with John Hutton as 2nd. Motion Passed Unanimously
- B. Christian Dawkins gave presentation on items 23-28 (see attached presentation).
 - 1) Tim Williams made a motion to deny 23-28 with Bill Duck as 2nd.
 - 2) John Hutton stated that he would like to see Items 23 and 24 approved as presented and wanted to separate out voting for those two items.
 - 3) Bill Duck withdrew his 2nd, and Tim Williams withdrew his Motion
 - 4) John Hutton motion to approve item 23 as written in the presentation with Daniel Baiamonte as 2nd. Motion was defeated with 2 for and 4 against.
 - 5) Tim Williams motion to disapprove item 23 with Bill Duck as 2nd. Motion Passed with 4 for and 2 against.
 - 6) James Martin made a motion to disapprove item 24 with Bill Duck as 2nd. Motion Passed Unanimously
 - 7) Item 26 was withdrawn by Christian Dawkins
 - 8) Tim Williams made a motion to deny items 25, 27, and 28 as a group with Windell Peters as 2nd. Motion Passed Unanimously
- C. Bill Duck made a motion to deny item 29 with Windell Peters as 2nd. Motion Passed Unanimously

LUNCH BREAK – 12:10 PM until 12:30 PM

- A. ERB Subcommittee drafted language for an amendment to the IECC to alleviate the R-8 Flex duct issue as a starting point for the discussion to be circulated to all interested parties and voted on at the May 24th meeting. (see attached amendment)

CONCLUSION OF MEETING

- A. No other Old or New Business.
- B. John Hutton made motion to adjourn with Bill Duck 2nd. Motion Passed Unanimously
- C. The next meeting will be held on Tuesday, May 24th, 2022 at 10:00 in DCA Room 302.

ADJOURN – 12:49 PM

MEETING ATTENDEES

SUB-COMMITTEE MEMBERS: Ryan Taylor, Chairman; Tim Williams, Vice-Chairman; James Martin, John Hutton, Bill Duck, Windell Peters, and Daniel Baiamonte.

DCA STAFF: Ted Miltiades, Jimmy Reynolds, Christian Poulos and Donna Brown

GUESTS: Michael D'Esposito, Chad Payne, Shawn Mullins, Bettie Sleeth, Amelia Godfrey, James Brooker, Haydon Stanley, Andrea Papageorge, Christian Dawkins.

ATTACHMENTS: ERB proposed amendment chart meeting 2, ADC Letter, ATCO Letter, Christian Dawkins Presentation 23-28, R-8 Flex Duct Amendment Draft.

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