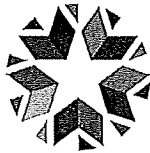


BEBF-162



OKLAHOMA

Uniform Building Code Commission Technical Code Review Committee

Public Comment Form

NOTE: This form and any attachments hereto are subject to the Oklahoma Open Records Act and may be disbursed, upon request, without further notice to the submitter.

INSTRUCTIONS:

1. Please type or print clearly.
2. Form must be signed. Any forms that are not signed or filled out completely, may not be considered.
3. Each requested change must be on a separate form.
4. If the space to show the proposed change or supporting information is not big enough to show the entire change, write the words "See Attached" in the space provided and submit the change on a separate page.

Contact Information:

Name Danny Hancock

Address 3350 South 184th West Ave

City Sand Springs State OK Zip 74063

Email Address dhancock@platinummech.com Phone Number 918-625-5433

Code Change Information:

Will this change increase the cost of construction? Yes No

Which code needs to be revised? IBC 1611.1 of the 2024 code

Which section of the code needs to be revised?

Section 1611.1 Table _____ Figure _____ Page _____

Proposed Change:

Show the proposed new, revised, or deleted text in Legislative format. Line through text to be deleted and underline text to be added or revised.

Each portion of a roof shall be designed to sustain the load of rainwater as per the requirements of Chapter 8 of ASCE 7. Rain loads shall be based on the summation of the static head, D_s , hydraulic head, D_h , and ponding head, D_p , using equation 16 - 20. The hydraulic head shall be based on hydraulic test data or hydraulic calculations assuming a flow rate corresponding to a rainfall intensity equal to or greater than the 15-minute duration storm with return period given in Table 1611.1. Rainfall intensity shall be determined in inches per hour for 15 minute duration storms **by the rainfall found in the National Oceanic and Atmospheric Administration Precipitation Frequency Data Server (PFDS). The sizing shall be based on the data for 100-year, 15 minute rainfall rates at the nearest station** for the risk categories given in Table 1611.1. The ponding head shall be based on structural analysis as the depth of water due to deflections of the roof subjected to unfactored rain load and unfactored dead load.

Supporting Information:

State the purpose and reason for the change and provide substantiation to support the proposed change.

In order to match the changes being proposed in IPC 1108, are proposing this modification of this section of the IBC. Overall the research has shown that rainfall rates have increased over the last few decades and to properly size systems and roof loads, are recommending to include reference to the NOAA PFDS.

Signature: Danny Hancock

Date: 7-29-24

Send completed form to:
Oklahoma Uniform Building Code Commission
2401 N.W. 23 St, Ste 82, Oklahoma City, OK 73107
Or email to Kathy.Hehnly@oubcc.ok.gov or Lindsay.Heinrichs@oubcc.ok.gov