

## City of Madison Fire Department Position Statement

<b>Owner:</b> Nathan Helbach Bakers Place, LLC	<b>Project Name:</b> Baker's Place	<b>Contact:</b> Jeff Davis Angus-Young
<b>Address:</b> 849 E Washington Ave Madison, WI 53703	<b>Building Location:</b> 10 S Paterson Street	<b>Address:</b> 16 N Carroll Street Suite 610 Madison, WI 53703
<b>Owner Phone:</b> 608-577-6108 <b>Email:</b> nate@theneutralproject.com	<b>Building Occupancy or Use:</b> R-2, M, S-2	<b>Phone:</b> 608-756-2326 <b>Email:</b> j.davis@angusyoung.com

**Rule Being Petitioned: SPS 361.51 Alternative standards and model building codes. Use IBC 604, 2024 draft edition**

**I have read the application for variance and recommend:** (check appropriate box)

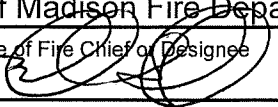
Approval     
  Conditional Approval     
  **Denial**     
  No Comment

- The applicant is requesting to use a single section from the draft of a future standard edition. The building and fire codes are a systemic approach to reducing the level of risk and must be incorporated in its entirety.
- MFD supports new technology and proven approaches; however, the standard(s) need to be adopted in their entirety as safety is established by a combination of all of the systems covered by the IBC. The applicant has already requested and received approval to use the 2021 IBC in its entirety. There are provisions in this addition specific to the proposed Type IV-B construction that would not have been applicable if the designer was permitted to pick only the sections that provided additional allowances without picking up other requirements necessary to meet the minimum level of safety.
- The test data submitted by the applicant demonstrates that fully exposed CLT ceilings do have a significant reduction in the time the ceiling reaches 100°C and the time to flashover as compared to tests with no or partial ceiling exposure. Exposure of CLT walls did have less of an impact.
- The Building Fire Safety and Fire Protection noted in section 3 are the minimum standards that shall be provided regardless of the outcome of the variance request; thus, no additional safety measures are proposed.
- Structurally, MFD believes the heavy timber cross laminated timber will stand up to exposure to fire. However, the exposed CLT ceilings produce added gases when exposed to fire which accelerates the ceiling temperature and the time to flashover which reduces the time for occupants to evacuate.

Name of Fire Chief or Designee (type or print)  
**Bill Sullivan, Fire Marshal**

**City of Madison Fire Department**

Signature of Fire Chief or Designee



Telephone Number  
**608-261-9658**

Date Signed  
**April 13, 2023**