

October 21, 2022

Kadean Construction
Rob Geist

RE: Lee's Summit Commerce Center – Zoetis TI
Lee's Summit, Missouri
Wallace Project No. 2220003.01

Dear Mr. Rob Geist:

At your request in response to permit review comments, we have assembled a summary of roof loads on the project referenced above. This list incorporates loads from the base building design scope and the additional equipment provided from Zoetis' tenant improvement design. This information is in accordance with that presented in our construction documents.

Base Building Design:

General Loading (RE: S0.0):

- Roof Membrane and Insulation – 1.0 PSF
- MEP (Lights, Plumbing, and HVAC) – 3.0 PSF
- Sprinklers – 2.0 PSF
- Structure Self Weight

Additional Loading (RE: S2 Series):

- Fire protection mains
- HVLS fans
- Roof top units (RTU-A, RTU-1, RTU-2, RTU-3, RTU-4)
- Exhaust fans (EF-A)
- Relief hoods (RH-1, RH-2, RH-3, RH-4)
- Make-up air unit (MAU-1, MAU-2, MAU-3, MAU-A)

Tenant Improvement Design:

Additional Loading (RE: S2 Series):

- Penthouse framing / stair loading
- Roof top unit (RTU-5)
- Cooler equipment (CCU-1, CCU-2, CCU-3, CCU-4)
- Freezer equipment (CFU-1, CFU-2)

We hope this summary is a helpful supplement to the general notes and framing plans. If you have any questions or need additional information, please do not hesitate to contact us.

Sincerely,
James M. Granich, P.E., S.E.
Principal