

February 27, 2020

Mr... Joe Frogge
Plans Examiner
City of Lee's Summit, MO
220 SE Green Street
Lee's Summit, MO 64063
Email: joe.frogge@cityofls.net

**RE: Structural Evaluation of Roof Support for New RTU
1041 NE Sam Walton Ln
Lee's Summit, MO**

JOB #2020-0463

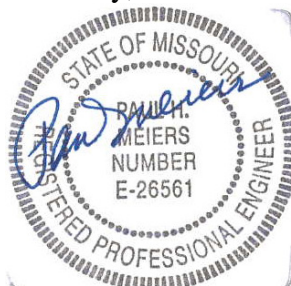
Dear Mr. Frogge:

This letter is to clarify my evaluation of the structural support for the new RTU's at the above referenced address.

The present RTU is a Carrier 4-ton model 48LJe007---S41 that was installed in 1993. This unit is a 6-ton capacity with an operating weight including curb of approximately 770lbs. This unit is being replaced with a 4-ton RTU using the existing curb with an operating weight of approximately 650 lbs. An additional unit of 4-ton capacity with a weight of 650 is also being added as well to the roof in a symmetrical pattern of spacing on the roof, please see plan. It is my opinion that these two new units will remain within the structural capacity of the present roof structure.

The present mechanical units are not visible from the parking lot due to a parapet around the roof boundary.

Sincerely,



February 27, 2020

Paul H. Meiers, P.E.
Partner