

# LAMPEN ENGINEERING, INC.

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April 1, 2024

RE: Rising Star Ranch  
2807 NW Chipman Rd  
Lee's Summit, MO 64081

Parcel Number: 62310020101000000

At the request of the City of Lee's Summit, Missouri I have performed an inspection of the above referenced property. The structure was damaged in a fire which destroyed the roof and walls completely. At the time of my inspection, everything had been cleared out down to the floor slab and the foundation walls.

The property owner dug down alongside an area of the foundation so that I could see the foundation wall and footing. The building has a concrete slab-on-grade floor that is level with the top of the foundation wall. The foundation wall is composed of 4 courses of 8" cmu sitting on an 8"x18" wide concrete footing. The cmu walls are in relatively good shape. The owner intends to install 2 more courses of 8" cmu on top of the existing cmu. I have recommended reinforcing the cells with #4 at 32" o.c. and grout filling all cells full height.

The owner will bring in +/-8" clean rock to be placed on top of the existing floor slab and then install 2" of rigid insulation before pouring a new +/-5 1/2" thick floor slab which will have heated water lines running throughout the slab. This will raise the finish floor 16" above the current finish floor elevation.

In my opinion, the existing cmu foundation wall has not been compromised, and will be better than it was due to grouting all cells full. The existing floor slab is adequate to support the new aggregate and floor slab proposed.



4-1-24

Joseph G. Lampen, P.E.  
Lampen Engineering, Inc.