FARON
ENGINEERING
& CONSULTING

14007 S. Bell Road, Suite 129
Homer Glen, IL 60491
(630) 742-4838
www.faronassociates.com

February 27, 2023

Attn: Bryon Finke
MGPGA, LLC

Re: Hazardous Condition Letter for Structure Located at
4714 W. Lake Street
Chicago, IL

To Whom It May Concern:

At the request of Mr. Bryon Finke, we conducted an inspection of the structure located at 4714 W. Lake Street in Chicago, IL on February 17, 2023. The structure had sustained extensive fire damage and we performed the initial site inspection on February 17, 2023 to assess the extent of damage to the structure and to determine if any hazardous conditions exist. The building is 155 feet long by 70 feet wide.

The structure was comprised of multi-wythe brick walls that supported a barrel roof. The barrel roof structure had been constructed of steel bowstring trusses spaced at approximately 20 feet on center, which supported 2x10 wood roof joists. The entire wood roof structure sustained fire damage along with several of the steel trusses. Four of the trusses exhibited significant deformations but were still bearing and attached to the masonry walls. Remnants of fire damaged wood and debris were hanging from the steel trusses and truss bracing. Additionally, there was wood framing debris scattered throughout the floor of the building that had nails protruding upward.

The debris hanging from the remaining roof structure along with the debris on the floor of the building are a hazardous condition. As such, the building should not be occupied or entered into until the debris is removed. The debris hanging from the remaining roof structure should be removed prior to removing any of the debris on the ground to prevent debris from falling on clean up crews. Once all the loose roof debris is removed and only the steel trusses remain, the ground debris can be removed. The steel trusses will eventually need to be removed as well to allow for the installation of a new roof system, however, bracing will need to be installed at some of the existing masonry walls prior to removal of the steel trusses.

The mezzanine floor framing should also be removed as a significant portion of it was compromised by the fire. Bracing of the built-up steel beam and existing masonry walls may be required prior to removing the mezzanine floor. Further investigation and analysis is required to determine the extent of bracing required, if any.

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The design of any required temporary bracing can be completed by Faron Engineering upon request.

The exterior masonry walls adjacent to public walkways are in serviceable condition. No deficiencies were observed in these walls during the inspection.

Representative photographs from the inspection are included in **Attachment A**.

Analysis of the existing structure or the connections for the structural design capacity versus the applicable design codes and standards was not performed and was beyond the scope of this report.

Regards,

Michael Faron, P.E., S.E.



Expires: 11/30/2024
Sealed: 2/27/2023

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ATTACHMENT A

PHOTOGRAPHICAL DOCUMENTATION

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Photograph 1
Interior building view; note the loose debris over roof trusses and on the ground.



Photograph 2
Interior building view; note the loose debris over roof trusses and on the ground.



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