



April 14, 2022

Mrs. Kaela Jacobs,
Bungee Up LLC
403 SW Ward Rd
Lees Summit, MO 64081

Re: Analysis of Existing Steel Structure
Lees Summit, MO

Ms. Jacobs —

On Friday, April 8, 2022, we visited the site to observe and measure the existing steel support structure that we understand was installed sometime in late 2021. The purpose of this supplementary structure is to provide support for as many as 13 individual bungee stations. Each station will support one person performing bungee fitness which involves repeated jumping in all directions, oftentimes in unison with surrounding people.

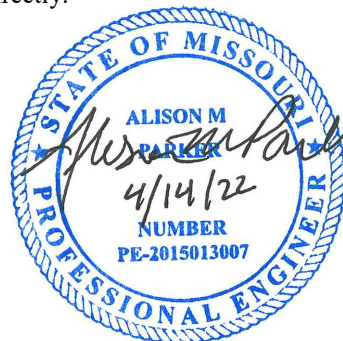
The supplementary steel structure is attached to and supported by the main building steel structure. The supplementary structure consists of wide flange beams (W8x10) and channels (C3x3.5). The size of the both the beams and channels was determined through field measurement and later confirmed by **Brinkoettters Iron Works**, the steel fabricator and erector who installed the supplementary steel.

Our analysis of the existing supplementary steel structure found that it is adequate to support up to 13 people at one time with some weight restrictions, which are shown in the attached drawing. In general, each station as currently located can support a 400 lb person, but there are 5 individual stations that *cannot* support 400 lbs and as such the allowable weight of persons using them should be limited.

Note. On site, we discussed the possibility of moving the bungee support attachments away from the main 8" deep beam to minimize conflict between the bungee cable and the beam during use. This can be done, but the maximum weight limit is reduced from 400 lbs to 350 lbs. The specific limits and stipulations at the 5 individual stations discussed above remain as well.

If you have any further questions, please feel free to reach out directly.

Sincerely,
CEO Structural Engineers, Inc.



Matthew Roever, MS EIT
Design Engineer

Alison Parker, PE
Vice President