Notes from Engineer:

On A101, I copied over the joist and deck information from the original pricing docs of 2022. I also added suggested column locations. The red lines shown between columns represent beams.

One aspect of this that is different from the original 2022 pricing exercise is the addition of diagonal bracing for our lateral system. In the original 2022 pricing effort, it looks like we had load bearing CMU walls. Those CMU walls also served as shear walls. Since we no longer have CMU walls, we'll need to provide a steel lateral system of some kind. I understand this will require further coordination; I went ahead and took a stab at it by showing diagonal bracing and suggested locations.

Regarding foundations, we'll have spread footings at each column location, of course. Since it's a relatively light building in a high wind zone, the size of the footings will probably be governed by wind uplift. Calculating those loads and sizing the footings will take a little more time, but we can assume that the smallest footing will be a 4 ft x 4 ft x 1' thick. My guess would be that the largest we have would be 10 ft x 10 ft x 2 feet thick. That's just an educated guess, but I believe it to be a conservative estimate. If you assumed that all of the footings are 8x8x1.5, I believe it would cover it. The top of the spread footings will be 2 feet below the finished floor elevation.

I added some rough sections and details to sheet A300.