

## Constantino, Mike

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**Subject:** FW: question 20-014

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**From:** Collin.Anderson <Collin.Anderson@Carle.com>

**Sent:** Tuesday, June 16, 2020 1:59 PM

**To:** Constantino, Mike <Mike.Constantino@Illinois.gov>; Kara Friedman <KFriedman@Polsinelli.com>

**Cc:** Roate, George <George.Roate@Illinois.gov>

**Subject:** [External] RE: question 20-014

Mike,

In response to Board Member Kaatz's inquiry, Carle has taken the following steps to avoid flooding in the basement where the MRIs will be located:

- There are existing corrugated drain tiles already placed under where the new concrete slab would be placed. These drain tiles lead to the large storm water ejector pump in the basement which ejects the possibility of any ground water out of the building and into the city storm water infrastructure. The basement foundation walls were constructed with a damp proof membrane layer and protection board. The perimeter has granular fill as well to help drain water. Some test pits were dug where the proposed MRIs were to be located. No ground water was present.
- The floor slabs of the area wells where the MRIs are to be lowered into the building will be kept a minimum of 8 inches below the basement slab elevation and each will contain storm water drains. The area well walls are also detailed to receive a damp proof membrane to help eliminate ground water from penetrating.
- The foundation walls have a perimeter drain tile as well. The new concrete slab will get a 15 mil vapor barrier to help protect against ground water penetration.
- The application for permit includes documentation that the project site is not in a flood plain.
- Carle's existing MRI/radiology space is in a different area of the basement and has not experienced any flooding.
- During the existence of the tower, there has never been ground or flood waters; even with the major 4 – 5 inch storms we've been experiencing.
- Carle has adequate insurance to cover any potential flood damage.
- The extremely heavy MRIs need to sit on slab on grade. The basement is the only option for this.

Please let me know if you or Board Member Kaatz have any follow-up questions.

Thanks.

**Collin Anderson, MBA** | Strategic Planning Coordinator II | 217.902.5521

 **Carle** Strategy & Planning

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**From:** Constantino, Mike <[Mike.Constantino@Illinois.gov](mailto:Mike.Constantino@Illinois.gov)>

**Sent:** Tuesday, June 16, 2020 8:56 AM

**To:** Collin.Anderson <[Collin.Anderson@Carle.com](mailto:Collin.Anderson@Carle.com)>; Kara Friedman <[KFriedman@Polsinelli.com](mailto:KFriedman@Polsinelli.com)>

**Cc:** Roate, George <[George.Roate@Illinois.gov](mailto:George.Roate@Illinois.gov)>

**Subject:** [EXT] question 20-014

\*\*\*\*\*EXTERNAL EMAIL SOURCE\*\*\*\*\*

Good Moring Kids:

We have had a question from Board Member Kaatz regarding the flooding of the basement where the MRI's are to be located.

Can you give us a description of the steps that you have taken to avoid this from happening?

Thank you.

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