

# NEXT STEPS FOR THE INDIGO HOTEL CONSTRUCTION

Pile driving to support sheeting and shoring for the construction of the Indigo Hotel foundation, scheduled to begin on November 16th.

With the demolition and archaeology review of the 220 S. Union Street project near completion, the following information is intended to assist the general public understand what to expect during the next phase of construction associated with the Indigo Hotel.

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**NOVEMBER 16:** Site pad will be prepared for the delivery of “H” piles. This includes the spreading of a VDOT # 1 stone (1” sized) for a “platform” for the equipment necessary to install piles. These “H” piles will serve as vertical stabilization of the perimeter surrounding the anticipated excavation, for the one story under grade parking structure.

**NOVEMBER 16 - DECEMBER 8:** Vertical pile installation is scheduled to occur. The physical placement of these piles will take approximately 7-10 working days to complete installation of the sixty-six (66) “H” piles. Permitted hours of operation are Monday through Friday from 9 a.m. – 5 p.m. and Saturday from 10 a.m. – 4 p.m. (posted on the City’s website). This will conceivably be the time when installation of the perimeter piles will be most noticed due to the necessary percussion driven method of installation.

While we do not anticipate any damage as a result of this work, as a precaution, neighbors are advised to secure personal items from walls that may be susceptible to fall within a home if not secured properly. If damage is noticed, property owners have been instructed to contact Patrick Dugan with Clark Construction. The phone number is posted at the site information board, located at the fence perimeter (202.652.9110).

Carr City Centers has put together a Seismic Monitoring System, implemented and overseen by ECS Mid-Atlantic, who will be monitoring operations throughout pile driving operations. If seismic vibrations are registered at a threshold of 0.25 in/sec of ground acceleration, an email will be automatically created and sent to the developer/contractor. Operations may be paused to ascertain supporting information.

The processes for sheeting and shoring are the first steps prior to excavation of soils in order to create the “foundation” for the structure.

The illustrations shown on the next page depict the typical percussion driven steel “H” pile and demonstrates how lagging (horizontal wood members) is installed as the excavation continues (Fig. 1). The horizontal retaining members typically consist of milled oak lagging measuring 3”x10” and are mechanically attached to the vertical steel “H” piles (Fig. 2). These are often referred to as “soldier piles” placed 4-8’ apart. These piles will be left in place as the perimeter concrete foundation footings and walls will be formed against this shoring from the interior of the excavation.



Fig. 1



Fig. 2

## **WATERFRONT CONSTRUCTION HOURS:**

**Construction in the public right-of-way is permitted during the following hours:**

Monday – Friday: 7 a.m. – 5 p.m.

Saturday: 9 a.m. – 5 p.m.

**Construction on-site hours are permitted during the following hours:**

Monday– Friday: 7 a.m. – 6 p.m.

Saturday: 9 a.m. – 5 p.m.

**Pile driving hours of operation:**

Monday – Friday: 9 a.m. – 5 p.m.

Saturday: 10 a.m. – 4 p.m.

We hope this information is useful to you. Should you have any questions regarding this project, please feel free to visit the City of Alexandria’s Waterfront website at [alexandriava.gov/Waterfront](http://alexandriava.gov/Waterfront) or contact:

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