

Hello Everyone,

Our construction update for the week of 1/30/2023 is below:

An overall site plan can be found on the last page of the update. This will help readers gain a better understanding of where on-site work is being performed.

Area A first-floor sub-slab ventilation is complete. Cold formed metal framing at the exterior walls is ongoing along with exterior sheathing. Window blocking is being installed and temporary windows are made up of lumber and polyethylene. Mechanical hangers are being installed on the second floor for duct work. The layout of interior partition walls will commence, and roof blocking is also scheduled to begin. Sub-slab vapor barrier installation is ongoing along with rebar and wire mesh. The first pour for Area A slab-on-grade is completed, and the second pour is scheduled for midweek. Concrete placements at slab-on-grade are larger in volume and require far more finish work than footings and foundations. Once the concrete is placed, it is troweled and worked until an acceptable finish is achieved for the finish flooring to be installed. A floor flatness test is performed to ensure the slab is within the necessary tolerance for finish flooring. Concrete curing blankets must be installed over the top of the slab to protect the finish from the cold temperatures. With sheathing on the exterior walls, temporary heat will be introduced to keep the concrete at the proper temperature for curing. The timing from when the first concrete truck arrives until the last curing blanket is installed can easily exceed twelve hours. Residents can anticipate work continuing after 7:00pm on the days of these pours. Temporary construction lighting will be used to create a safe environment for the workers, and any Town Officials that may need to access the property at any given time.

Sub-slab ventilation (SSV) installation is ongoing in Area B. Working west to east, the SSV installation will continue as more underground utilities are inspected and backfilled. Underground electrical is also ongoing in this area. The installation of roof drains on the second floor is ongoing, and the installation of the cold formed metal framing and exterior sheathing is underway. This will be ongoing for the next couple of weeks. The installation of CMU for Stair Tower #3 should be wrapping up midweek. CMU installation along the north wall has commenced and is ongoing.

Area C underground plumbing and electrical is ongoing. The subgrade in the gymnasium continues to be installed. Staging used for the CMU walls is being assembled in the gym. Pier footings installation for the entry canopy has been completed and is being backfilled. Structural steel detailing and welding is being performed throughout all parts of the building.

Installation of foundation rigid insulation and backfill continue around the perimeter of the building. Two drill rigs are currently drilling the geothermal wells. Approximately thirty-four of the sixty wells will have been drilled by the end of this week. Installation of the quad-loop piping for the wells has started. Additional drilling equipment and material will continue to be delivered. Drain manholes and piping for the site drainage system is ongoing, along with general site fill and prep. The waterline tie-in from Laura Lane is near completion. This work is in coordination with Dedham-Westwood Water District. Trucks, equipment, and workers will be present at the end of Laura Lane. Access to the Fire Access Trail may be limited at times depending on the work being performed.

The installation of the permanent telephone poles and power at the Gay Street entrance is still to be determined. A police detail will be present when Eversource needs to install overhead power that crosses the street. The electrical duct bank will continue once the poles are set.

Trucks, equipment, and deliveries will be a continuous presence at the Gay Street entrance. The construction entrance along Gay Street will continue to be closed during the arrival and dismissal times, while school is in session. A project team member will be present at the gate to direct any construction traffic during arrival and dismissal times. This will allow for pedestrians to safely cross the gated entrance while trucks are arriving and exiting.

The blasting needed for the completion of Phase II has been completed. No future blasting is scheduled at this time.

Brait Builders has installed a live camera to capture the progress of construction:

<https://www.senserasystems.com/public/project/Hanlon>

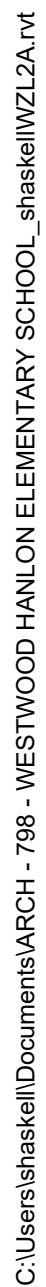
We thank you in advance for your patience and understanding. Please do not hesitate to contact my team with questions, concerns, or issues. The Project Team can be reached at:

hanlondeerfieldproject@westwood.k12.ma.us

Hanlon-Deerfield School Building Project
Weekly Update and Impacts
Week of: 1/30/2023

Category	Update	Impact	Approximate Dates
Structural Steel	Structural Steel detailing and welding is ongoing.	Trucks will be on-site removing equipment that is no longer needed.	Ongoing for the next couple of weeks.
Concrete	The second pour of Area A slab-on-grade slated for midweek.	Concrete trucks will be entering and exiting the site entrance along Gay Street. Work will extend past 7:00pm.	Tentative for 2/2.
Masonry	Area B CMU Stair Tower #3 is ongoing, along with exterior CMU walls.	Trucks delivering concrete masonry units, grout, and mortar, will be active at the entrance along Gay Street.	Ongoing for the next couple of weeks.
Site work	Continue backfilling of footings and foundation walls.	Noise from equipment used to move earth material. Vibrations may be felt from the Vibratory Roller used to compact the processed material.	Ongoing for the next couple of weeks.
Site work	Geothermal well drilling in ongoing.	Drill Rigs and equipment being delivered to the site using the Gay Street Entrance. Noise from Drill Rigs and other equipment used for well drilling.	Ongoing for the next couple of months.
Mock-up	Installation of brick and stone veneer.	Mock-up is being constructed in the parking lot area of the site.	Ongoing for the next couple of months.
Utilities	Underground utilities being installed and backfilled in Area B and C.	Trucks delivering sand and stone for backfilling and sub slab ventilation.	Ongoing for the next month.
Utilities	Temporary power for the building and electrical duct bank.	Utility trucks may be present on Gay Street to perform utility connections. Permanent poles to be set at the western side of the construction entrance. Police Detail will be present for overhead utility work while the work is being performed. Earth moving equipment for excavating and backfilling the trench.	New pole is on-site. Installation date to be determined.

Next Update: 2/3/2023



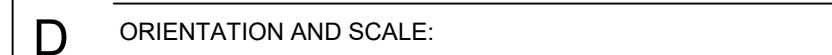
R 790 GAY STREET
WESTWOOD, MA 02090

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ISSUE TITLE AND DATE:

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KEY PLAN



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