

Hello Everyone,

Our construction update for the week of 1/23/2023 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 installation is ongoing. Underground rough electrical is being installed. Cold formed metal framing at the exterior walls is ongoing along with exterior sheathing. Mechanical hangers are being installed on the second floor for duct work. Concrete for the slab-on-deck at the Area A/B Connector is complete. Stego Vapor barrier installation is ongoing, and the installation of reinforcing rebar and mesh will commence. The first pour for Area A slab-on-grade 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. Then concrete curing blankets must be installed over the top of the slab to protect the finish from the cold temperatures. The area will be tented, and 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.

The west section Area B underground sanitary and storm lines are completed and backfilled. The subgrade was then recompacted prior to the installation of sub-slab ventilation (SSV). SSV is ongoing and will follow behind the remaining underground plumbing once it has been inspected and backfilled. Underground electrical is also ongoing in this area. The installation of roof drains on the second floor has commenced. Installation of the cold formed metal framing is underway and exterior sheathing will begin. This task will be ongoing for the next couple of weeks. The installation of CMU for Stair Tower #3 has commenced and should be completed over the next couple weeks. Damp-proofing of miscellaneous areas of the foundation walls is ongoing.

Area C structural roof decking installation is completed, and the crews are focused on detail work and welding throughout the entire building. Pier footings installation for the entry canopy is ongoing. The remaining concrete for the column collars will be placed. Underground plumbing and electrical is well underway throughout Area C.

Installation of foundation rigid insulation and backfill continue around the perimeter of the building. Ledge and boulders continue to be processed for on-site use. Two drill rigs are currently drilling the geothermal wells. Approximately twenty-five wells will have been drilled by the end of this week. Installation of the quad-loop piping for the wells will commence. Additional drilling equipment and material will continue to be delivered. Infiltration systems for building and site drainage are being installed to the east of Area A/B connector is near completion. Drain manholes are being installed along with the piping for the drainage system.

The waterline tie-in from Laura Lane is near completion. Asphalt has been installed at the areas where excavation had taken place. The new valves and piping have been installed and are now within the site. 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: 1/23/2023

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 first 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 1/26.
Masonry	Area B CMU Stair Tower #3 is ongoing.	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	Installation of the remaining canopy pier footings.	Concrete trucks and deliveries for reinforcing steel will be entering and exiting the site 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	Processing of boulders and ledge found on-site. The new processed material will be used throughout the project.	Noise from equipment used to crush and process the boulders and ledge.	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	Begin 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: 1/27/2023

C:\Users\ashall\Documents\ARCH-798 - WESTWOOD HANLON ELEMENTARY SCHOOL_ashall\WZJ2A.vrt

9/2/2023 11:24:13 AM

