



Dorothy Hamm Middle School Community Newsletter (December 2019)

Introduction

We are eighteen (18) months into the project, with students, faculty and staff settling into the renovated school areas. Within the renovated school space, the final project punch list continues to be worked off with steps towards final completion taken. Spaces throughout the school continue to come online including the cafeteria media wall and exterior bicycle racks. At the addition, we have had several cold, wet days, but work has continued. The major changes this month can be seen throughout the building: at the exterior of the building, there were window mockups installed along with curtain wall erection; throughout the interior of the building the walls are being clad with dry wall and building plumbing, HVAC, and electrical components are being installed daily; and, at the main roof the roofing membrane has been installed and detail work continues around the edge and drains,

Addition

As noted, the Addition continues to be a site of ongoing change throughout the space. On the exterior of the building, the new building curtain wall erection began on the West elevation as well as the installation of window mockups on the North and South elevations. Along with the mockups, installation of the new roof, including drains, ductwork, and finishes continued this month. The roof work has been limited to the just the main roof with the roof over the new auxiliary gym starting once the curtain wall installation has been completed.

On the interior of the building, installation of the remainder of the new staircases has begun. These staircases provide emergency access to all the floors and auxiliary gym. More progress has also been made on installing the interior framing including metal stud walls on the second and third floors for the new library, classrooms and conference rooms. The CMU walls on the first floor for the gym, locker rooms, and bathrooms have been completed and are being washed. Our mechanical, electrical, and plumbing contractors continue to work throughout each floor installing overhead ductwork, piping, and conduit. This month the main trunk lines for

the ductwork have been installed from the first floor through the roof of the building. These should be terminated into the handlers in January. The plumbing installation is progressing well with passing inspections on multiple components of the first and second floor system include gas, acid waste, and domestic water lines.

In addition to the new building, the team has begun work on the ADA and traffic improvement at the intersection of Military Road and Vacation Lane. The team is working on one corner at a time and will be relocating existing utilities as well as installed new sidewalks and ramps during the work. The team has also made substantial progress towards the installation of the first phase of new streetlights along the new student drop off/pick up lane.

Though the addition work has had limited weather interruptions, the adverse weather encountered earlier in the project has resulted in the addition completion trailing into April/May 2020. The Construction Team is continuing to evaluate multiple options to accelerate construction with the assistance of the designers including the addition of more crews and alternative design methods to allow multiple trades working in the same space to name a few. The team has implemented some measures, including the temporary heating and tenting off the addition space this month.

Renovation

Since the spaces in the renovation are occupied, the Construction Team has crews working at night to complete the remaining items through the renovated spaces. During the winter break, progress was made towards the completion of final lighting installation, classroom repainting, operable partition installation, and entryway build outs. Since the contractor has not been able to complete the renovation project punch list, crews will continue to work within the renovation, at night, through its completion.

Jeffrey D. Chambers, NCARB, AIA, Director of Design & Construction

Completed and ongoing tasks:

Addition

- Installation of the 1st floor glazed CMU locker room and bathroom walls are nearly complete;
- Metal stud walls on 2nd and 3rd floors are nearly complete;
- Installation of Stair “I,” is ongoing;
- Installation of Stair “H,” is ongoing;
- Installation of exterior windows is ongoing;
- Miscellaneous plumbing inspections are complete;
- Installation of the mockup classroom space in the addition is ongoing;
- Overhead mechanical, electrical, and plumbing work is ongoing;
- Roof system installation is ongoing; and
- Curtain wall installation is ongoing.

Renovation

- Work on the classrooms in infilled stairwell near the addition are ongoing;
- Installation of the new elevator ongoing;
- Installation of brick façade on west, rear side of building, is ongoing;
- Work on the new counseling suite of rooms is ongoing; and
- Interior punch list work is ongoing.

Site Improvements

- Construction of the first phase of lighting for the drop-off road street and sidewalk is nearly complete;
- Coordination for the Vacation Lane and Old Dominion off-site street work is ongoing with Dominion Energy and Arlington County;
- Work at the Southwest corner of the Military Road and Vacation Lane intersection is ongoing;
- Construction of exterior building bio retention structures ongoing;
- Installation of the emergency access plaza at the front of the school is ongoing;
- Installation of trees, plants, and shrubs is ongoing; and

Construction activities planned next month:

- Completion of the main roof;
- Installation of air and vapor barrier around exterior of addition;
- Erection of exterior metal cladding and pre-cast concrete panels;
- Installation of remaining concrete at 1st floor vestibule area;
- Completion of the Dominion Energy designs for the Intersection and Vacation Lane improvements;
- Build out of spaces in the stair 7 area;
- Installation of overhead and in-wall mechanical, electrical, and plumbing;
- Installation of new interior, emergency access staircases; and
- Installation of new windows and façade at South elevation of the renovation.

Schedule Milestone Dated (weather pending):

- Erection of exterior metal cladding and pre-cast concrete panels (February 2019);
- Completion of envelop/building enclosure (January 2019);
- Permanent Power – Addition (January 2019);
- Renovation Main Scope Final Completion – (November 2019);

- Above ceiling close-in inspection – Addition (January 2020);
- Wall close in inspection – Addition (February 2020);
- Staff & Student occupancy – Addition (May 2020);

Process related activities:

- Construction activities will continue between 7am to 5pm on weekdays for the Addition and 3pm to 1am for the Renovation areas. Saturday work is being performed as needed for both the Renovation and Addition scopes of work.

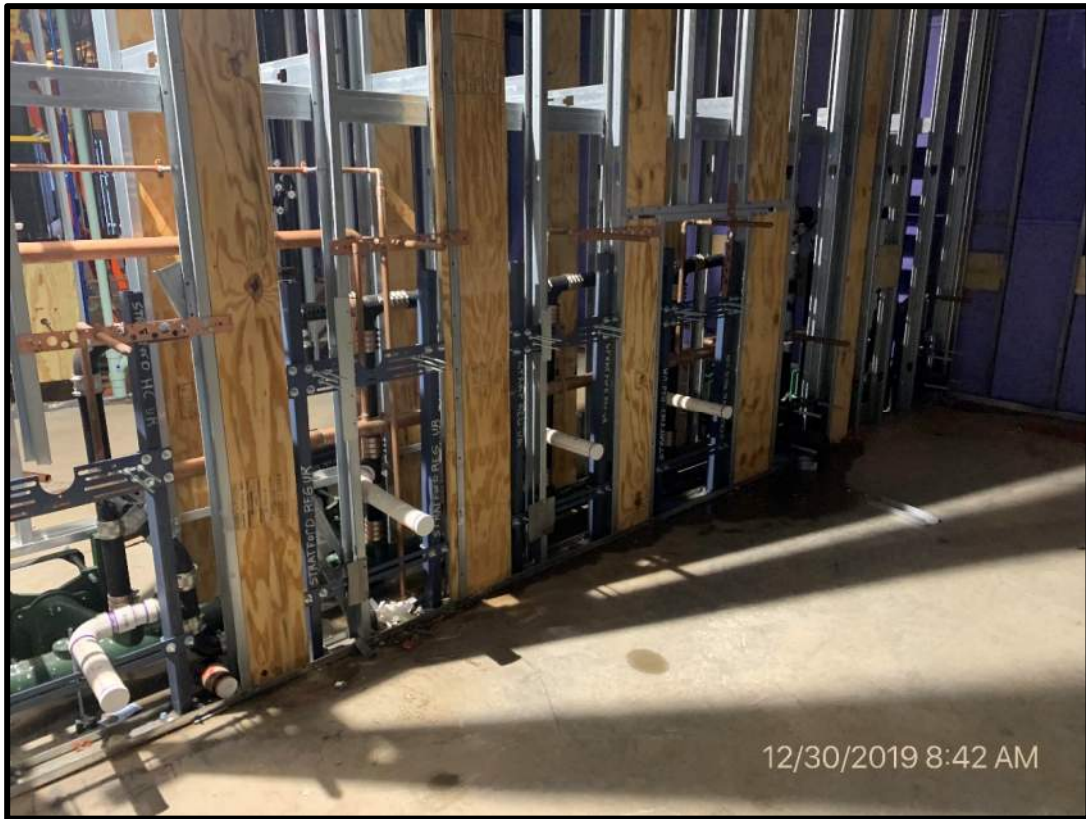
Progress Photos:



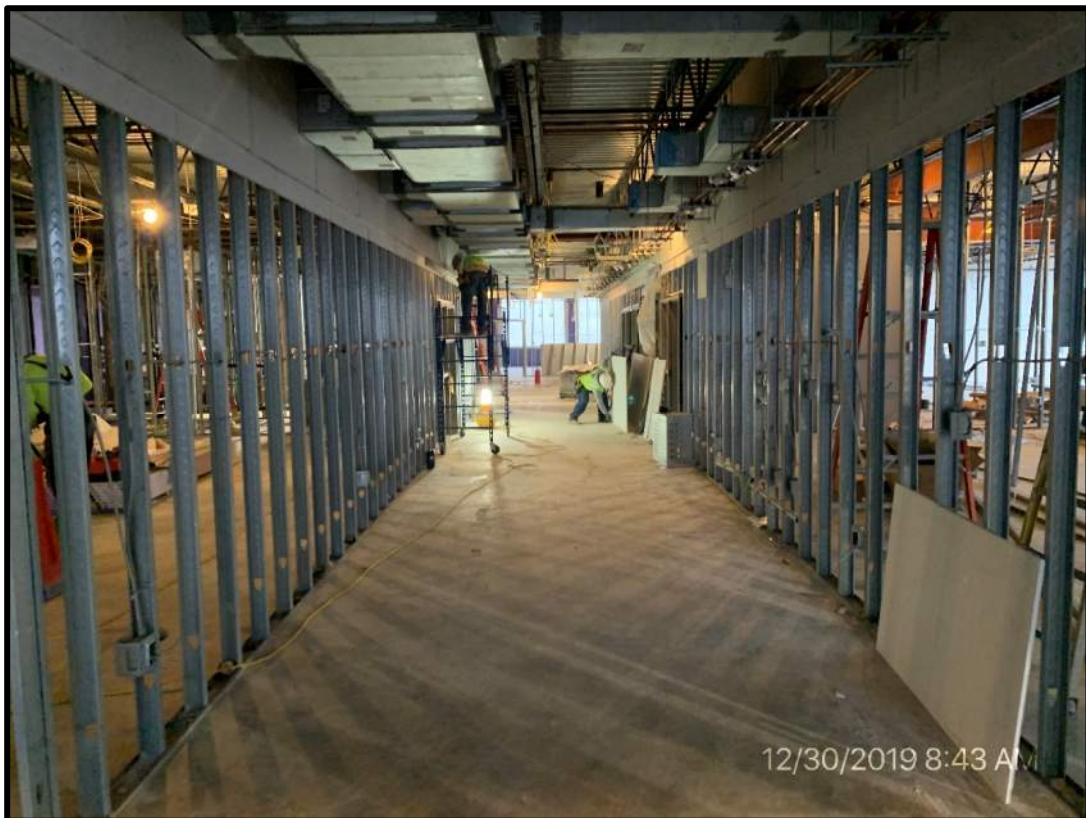
Current state of landscaping and athletic field at the rear of the school. Note bicycle racks in the bottom left of the photo which are used by students.



Current status of stair "1" at rear of auxiliary gym.



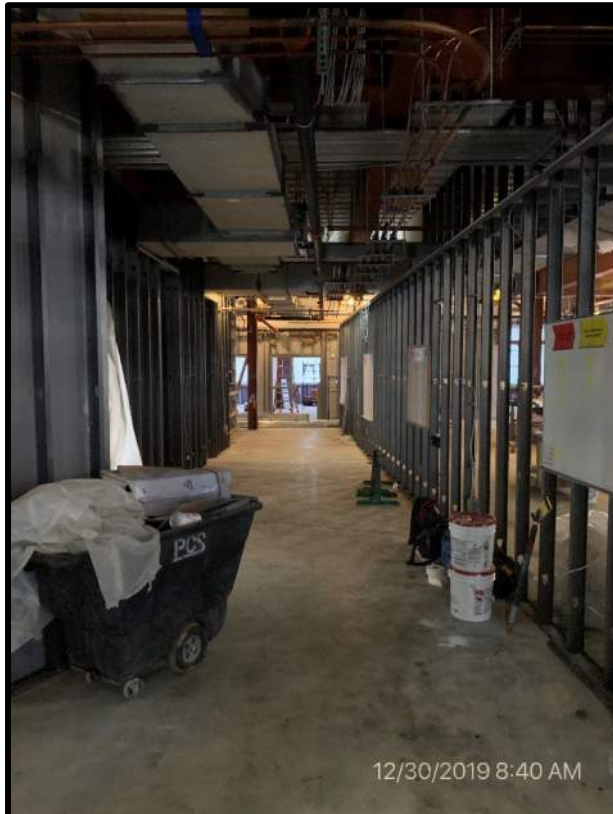
Installed toilets on third floor



Third floor main corridor status



Exterior curtain wall erection status on West elevation



View of second floor main corridor current status



PVC roof installation current status



Current status of mockup classroom in the Addition



North face of the building current status



Current status of work at Military Road and Vacation Lane



New elevator lobby at first floor in renovation.



New permanent lighting in renovation cafeteria corridor