



FIELD OBSERVATION REPORT

East Hardin Middle School, Hardin County Schools, Elizabethtown, KY 201752.01 - CA8

Date: 2/4/2021

Time: 11:00 AM ET

Weather: Overcast 36 degrees

Observed by: Joseph Jones

Report No: 43

Est. Completion: 83%

Present on Site:

Doyle Gibson, General Trades, Roofers, Masons, Spray Foam Installers, Glazers, Gypsum Board Installers and Metal Framers, Painters, Tile Installers, Mechanical Installers, Electricians, Low Voltage System Installers, Fire Suppression System Installers

1. Work in Progress.

- a. General trade carpenters were installing exterior wood blocking. There also were installing basketball standards and goals in the Gym.
- b. Roofers were installing wall flashings at the intersection of Areas D and A.
- c. Masons were detailing joints in block in Area B. They had laid the block for the fieldhouse.
- d. Spray foam installers were on site to restart the application of foam insulation that will be behind the composite panels.
- e. Glazers were setting frames and installing glass in the openings for the classroom wings in Area A. There were also installing spandrel panels in Area B.
- f. Gypsum board installers were installing board on soffits. Framers were installing metal framing for soffits.
- g. Painters were painting final coats in Areas C and D.
- h. Tile installers were installing wall tile.
- i. HVAC installers were installing ductwork on the second floor of the classroom wings in Area A and on the mechanical platforms.
- j. Plumbers were installing hydronic piping on the mechanical platforms above the classroom wings.
- k. Electricians were installing electrical work above the main corridor.
- l. Low voltage system installers were pulling cables in Areas C and D.
- m. Fire suppression system installers were roughing in piping in Area A.

2. General Observations

- a) The weather was partly cloudy. Normal winter conditions were expected into the weekend. The site was drying some but was still muddy.

Edgar Belle's carpenters were installing wood blocking above the rear entrance at Area B. They have installed basketball standards and goals in the Cafeteria and were in the process of installing them in the Gym.

Roofers were installing wall flashings near the intersection of Areas A and D.

Masons were detailing block walls at the resource room area in Area B. Doyle reported that they had laid the block for the fieldhouse but had not started the brick. The spray foam installers were on site to restart applying foam insulation on areas to receive composite panels. These locations are typically high on the building above the brick and stone.

Glazers continue to install aluminum curtainwall frames and insulating glass units in Areas B and A. They started installing the spandrel panels in the classroom wings. They reported that they need to have composite panels installed in Area B at the rear entrance to measure the height of curtainwalls in those areas.

Gypsum board installers were installing board over soffits along the main corridor. Metal framers were continuing with the installation of framing for soffits in the Library/Media Center.

The painters were applying final coats of paint to the walls and exposed ceilings in Areas C and D. Doyle said they will move to Area B next week.

Ceramic wall tile was being installed in the student toilets in Area D. The installers were in the process of washing the grout off the face of the tile.

Hanger wires for ceiling grid had been hung in several areas around the building. After the final coats of paint have been applied, the grid can be hung. The mechanical/electrical trades can then install ceiling mounted devices. It is imperative that all above ceiling work be completed before ceiling grid is installed to avoid having other trades damaging the grid.

The mechanical/electrical trades have been continuing their rough-ins in Areas A and B while completing rough-ins in Areas C and D. There have been significant amounts of rough-in work in Areas A and B.

Doyle previously reported that the goal in this month is to have Areas C and D on the permanent HVAC system. Having the city water supply run to the building is critical to make that occur. It was reported at the job progress meeting that the City scheduled the work to install the water vault and connect into the city main. Hopefully, work will begin in the next few days. The gas service has been run to the cooling tower enclosure.

The electricians have not received wire from their office. Alliance has directed the electrician to procure the wire and have it shipped to the job immediately. The mechanical system must be supplied with electrical power for the planned startup. Alliance instructed the electrician to make this a priority.

Scheduling the concrete slab polishers is an issue that Alliance is working to resolve. A proposal request is being considered to change the corridors from polished concrete to LVT. Cost information is being submitted to the board for consideration.

- b) The recently installed aluminum curtainwall framing is visible on the front classroom wing. The metal roofing over the main entrance had not begun. The spray foam insulation above the stone band has not been started. Doyle reported that the foam installer was on site to begin this work.



- c) The curtainwall framing was started on the middle classroom wing with the glass being installed.



- d) Spandrel panels were being installed in the curtainwall at the classroom wing in Area B. The caps for the curtainwall will be installed as the system installation is completed.



- e) Carpenters were installing wood blocking around the top of the curtainwall location over the rear entrance at Area B.



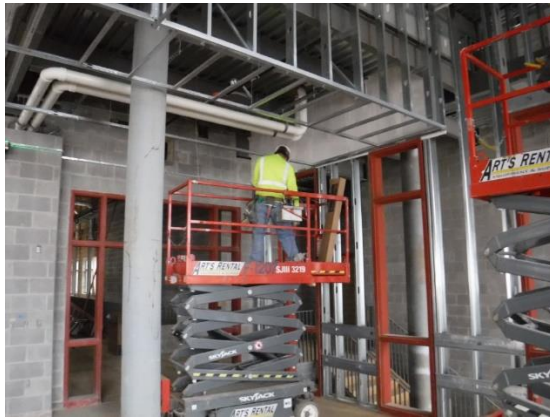
- f) Roofers were installing wall flashing material at the expansion joint and exterior walls at Areas A and D.



- g) Gas cylinder and gutters stored on roof membrane with no protection board.



- h) Soffit framing continues in the Library/Media Center.



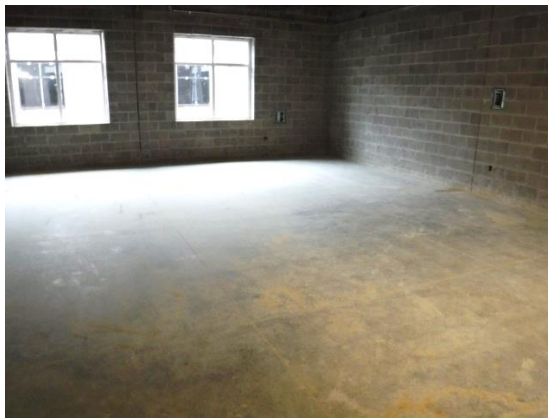
- i) Board suspension system is being used for soffits in the Library/Media Center.



- j) Interior view of curtainwall framing and insulated glazing units.



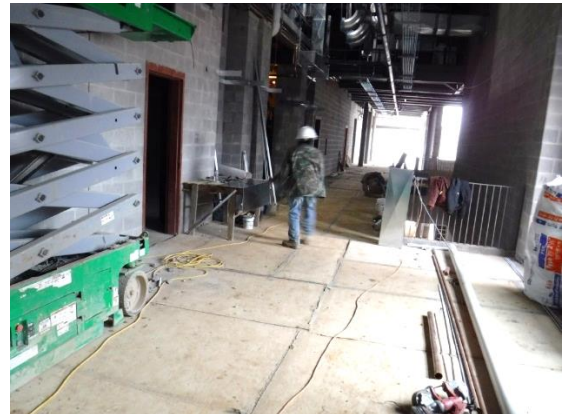
- k) Floor areas in classroom wings cleaned ahead of the application of paint and finishes.



- l) Floors in Area A needing to be cleaned before finishes can be installed.



- m) Mechanical work continuing along the main corridor.



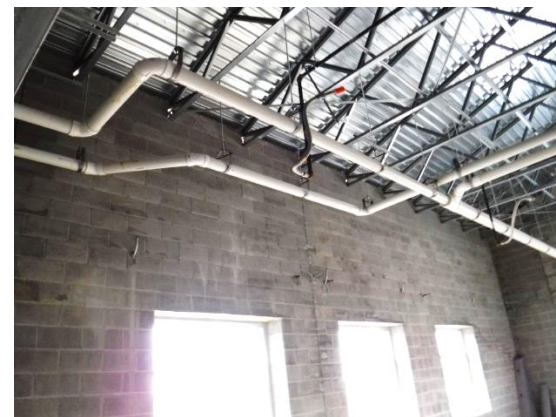
- n) Mechanical work along the main corridor.



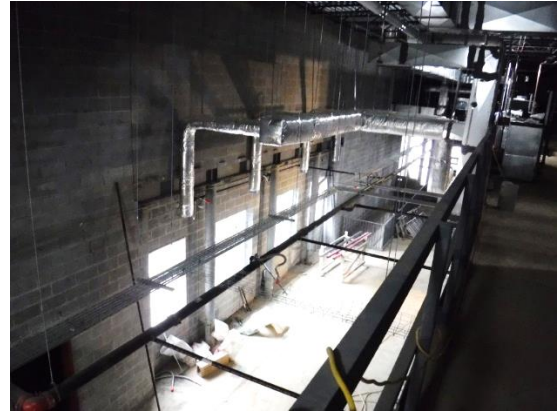
- o) Insulated ductwork in classrooms.



- p) Roof deck to block walls in Area B needing to be sealed to prevent air/moisture infiltration into building.



- q) Mechanical work continuing on the platform over the main corridor.



- r) Mechanical work continuing on the platforms over the classroom wings.



- s) Drywall being installed on soffits along the first floor of the main corridor.



- t) Drywall soffits at rear entrance.



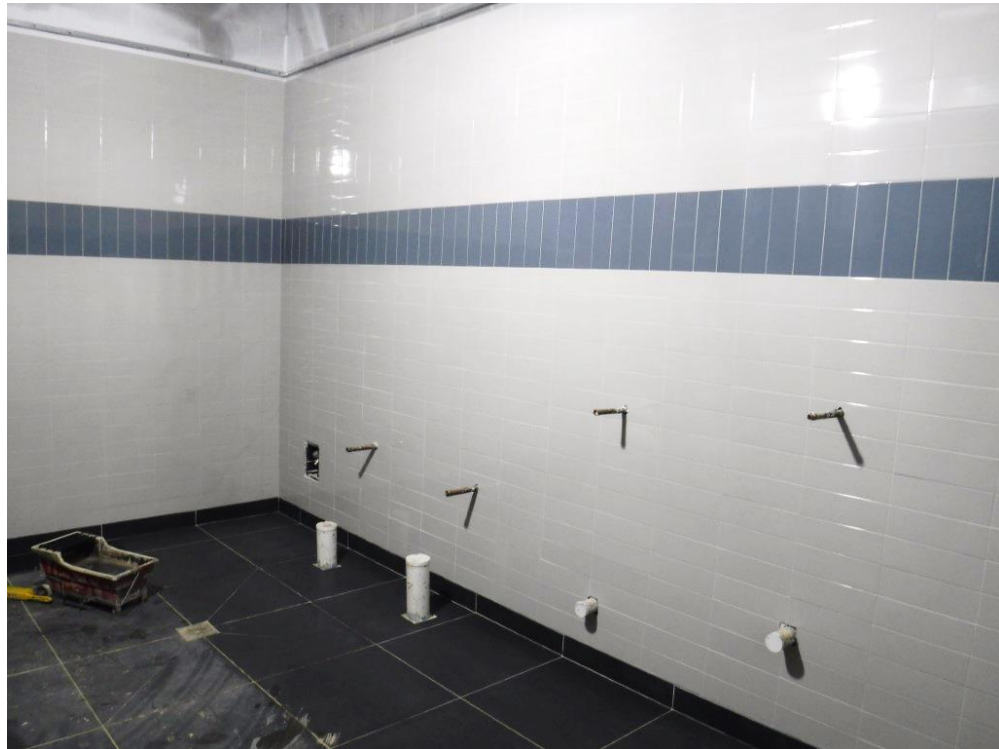
- u) Basketball standards and goals being installed in the Gym.



- v) Painting of ceiling complete in the Gym.



- w) Ceramic wall tile was being installed in the Area D Student Toilets. The joints were uniform, and the tiles were in plane. JRA has reviewed the tile submittal. Make corrections as noted.



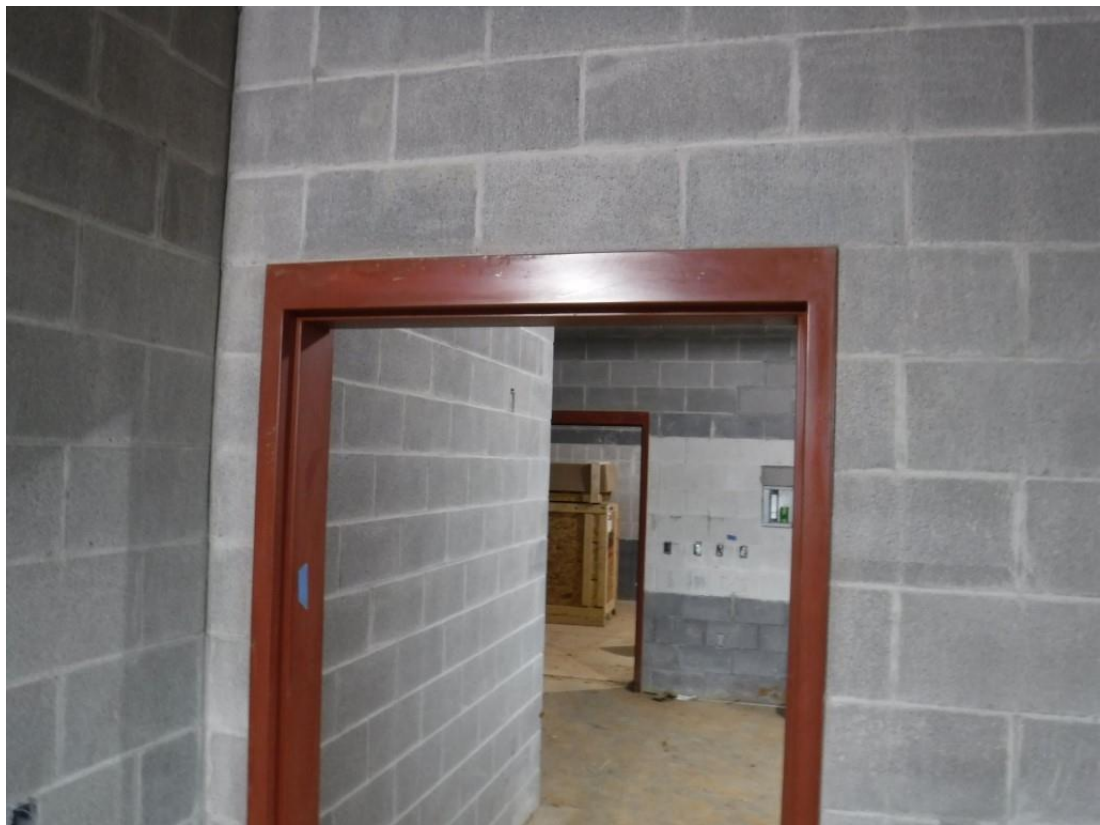
- x) Ceramic floor tiles and base were installed in the Student Toilets in Area D. The grout on the floor, base and walls tiles was being washed.



- y) Final coat of paint being applied to walls in the music rooms. Walls were fully covered with paint.



- z) Door frame repair required ahead of painting.



3. Stored Material:

- a. Block, brick, mortar and masonry materials.
- b. Aluminum curtainwall framing and insulating glass units.
- c. Paint and painting materials.
- d. Drywall materials. Light gauge framing.
- e. Plumbing piping and accessories.
- f. Conduits and electrical boxes and rough in materials.
- g. Data cables and accessories.
- h. Mechanical equipment, ductwork and piping.
- i. Fire suppression piping and fittings.
- j. Roofing materials.

4. Follow up items:

- a. Confirm that RFIs were submitted for changes to the details as requested while I was on site. These include:
 - 1. Framing for the soffits in the Library/Media Center.
 - 2. Locations of termination trim for tile walls.
 - 3. The height of the ceilings in the Toilets to accommodate full tiles at the tops of walls.
 - 4. The use of thin-set quarry tile in the walk-ins.
- b. Maintain the Skudo system so that it protects the corridor slabs.
- c. All trades shall keep the building and site clean by properly disposing all bottles, bags, wrappers, trash, debris, etc.
- d. Provide protection board for all ladders, equipment and materials staged on the low sloped built up roofing areas. Remove all screws, nails, sheet metal and other sharp objects from these roof areas ASAP.
- e. Do not damage materials installed by other trades especially hollow metal door frames.
- f. Finish drywall frames so there are no dents, gaps, mortar and other materials that would prevent the final coat of paint from be smooth to the touch and the frames from having a completely uniform appearance on all surfaces. Do not bend the frames at the heads to install drywall.

Respectfully submitted,
Joseph Jones, AIA
JRA Architects

Cc: 201752.01, CA8