



FIELD OBSERVATION REPORT

Revised

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

Date: 4/24/2020

Time: 11:45 AM ET

Weather: 60/party cloudy

Observed by: Joseph Jones

Report No: 21

Est. Completion: 44%

Present on Site:

Masons, Erectors, Electricians

1. Work in Progress

- a. Masons were laying block in Area A and B.
- b. Erectors were installing roof deck at the Gym roof.
- c. Electricians were installing conduits and cable trays.

2. General Observations

- a) The weather was mild and becoming partly cloudy. Rain and storms had moved through the area the day before. Rain and storms were predicted for the weekend. Warmer weather with rain is expected next week. The site was very muddy.

Although trades have not been working on Friday, some were on site because of the rainout on Thursday.

I called Andrew on Monday to discuss the project. He said that he and Billy will at the site this week. Andrew will be on site full time next week. He reported that the erector will be setting steel over Area A for about 10 days. The area will then be ready for concrete planks to be set. The masons will move to Area D this week. A second crew will continue laying block in Area C. He said that they had decided to proceed with the roof deck over the Gym. He was advised that the solid top of the decking would protect the insulation in the decking from rain. The erector is almost complete with the deck installation except for the last row.

The masons have made progress over the last two weeks topping out all of the first floor of the classroom wings and around the administrative area. They have also topped out the walls in Area D in the music area. The remaining masonry work includes some in Area A on the first floor, the Area D walls at the west of the music and gym area, the Area C walls for the kitchen/cafeteria and the second floor classroom wings and supporting spaces in Areas B and A.

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The slab had been poured on the precast concrete planks setting on the tops of the first-floor classroom walls for Area B. Welded wire fabric has been placed on the planks installed over the main corridor and resource rooms in Area B.

The steel erector has been installing stairs to the second floor of Area B. The treads for Stair ST-C have been poured providing access to the newly poured slab. Stair ST-E installation is in progress. They have been installing roof deck over the Gym.

The general trades contractor and electrician have been installing door frames and electrical rough ins ahead of the masonry work. The electrician has installed the cable tray under the planks in the classroom wing and was installing fire alarm conduits in Area B. The HVAC installers were installing ductwork over the first floor of Area B. Plumbers have installed piping under the planks.

The site contractor has placed gravel for the parking lots to the north of the building. This area is being used for the trades to park their personal vehicles.

- b) From the southeast corner, the first floor walls for the three classroom wings are visible. The wing in Area B nearest the camera is ringed with wood barricades after the slab has been poured over the precast concrete planks.



- c) The crane had been moved into the courtyard between classroom wings to lift steel members to the tops of the first floor block walls in Area A.



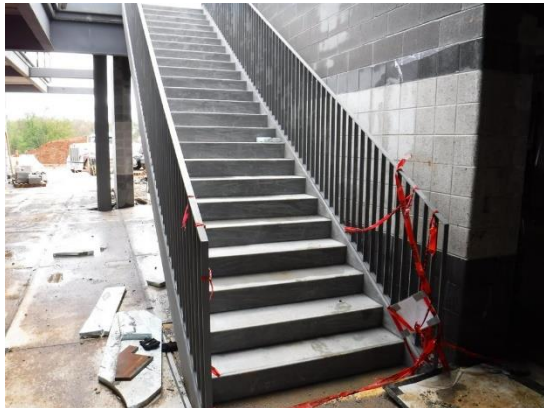
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- d) Concrete planks are in place at the north side of Area B, ready for the next slab pour. The interior wall in the Resource Rooms was being laid by the masons.



- e) Stair ST-C at the east side of Area B is in place and the treads have been filled with concrete. This provides access to the second floor of Area B.



- f) The second floor slab at the south side of Area B has been poured and control joints sawcut into the concrete. Water was ponding from the rain on Thursday.



- g) The Skudo protection system has been installed over the location for the corridor in the Area B classroom wing. Block has been used to keep the system from being displaced by winds.



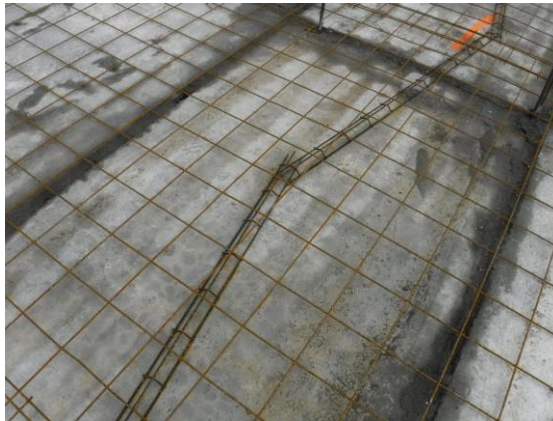
- h) Standing in two of the ponded areas on the slabs, I noted that the depth of water on my boots was minimal.



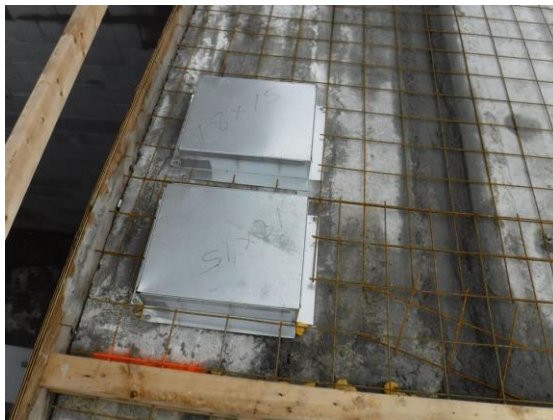
- i) The precast concrete planks over the north side of Area B have been covered with welded wire reinforcement (WWR) ahead of pouring the concrete slabs in this area.



- j) The WWR is supported by wire supports.



- k) Galvanized metal pans have been placed at HVAC penetration locations in the slab. These are capped to reduce the amount of water that can drain to the first floor until the roof is in place over the second floor.



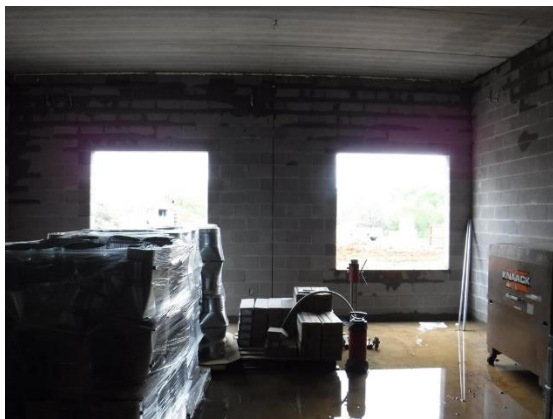
- l) From the second floor of Area B looking to the west, the main corridor on the first floor and the two classroom wings in Area A are visible. Except for the opening at Stair ST-A outside the Gym, most of this area will be covered with the second floor.



- m) The steel tubes around the floor openings at the east end of Area B will need detailing to meet the appearance requirements of the specifications.



- n) Mechanical/electrical materials are being stockpiled on the first floor of Area B. Ductwork, piping and conduits are now being installed. The ductwork openings are covered with plastic to keep dust out of the system.



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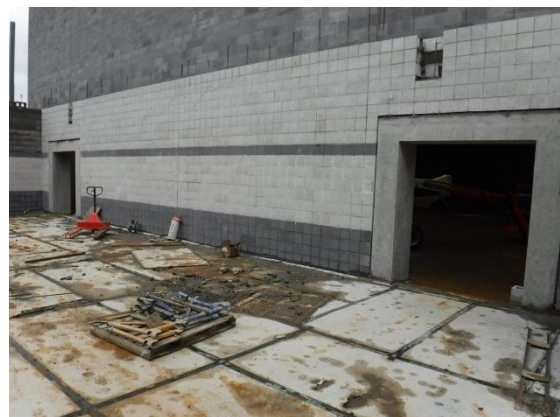
- o) Both runs of Stair ST-E are in place but the landing is not.



- p) Piping has been run under the concrete planks over Area B.



- q) The Skudo protection system is over the main corridor. Some of the panels have been displaced and need to be properly located and taped back into place.



d

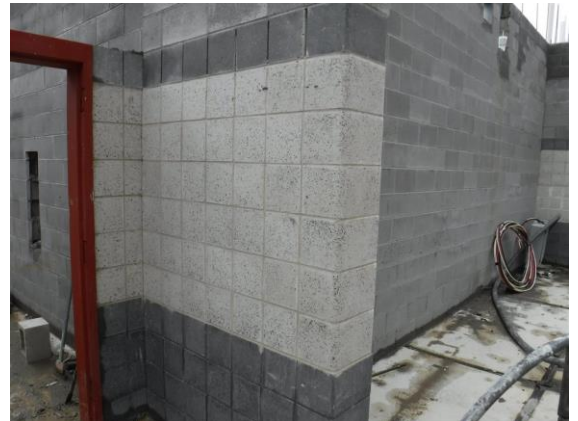
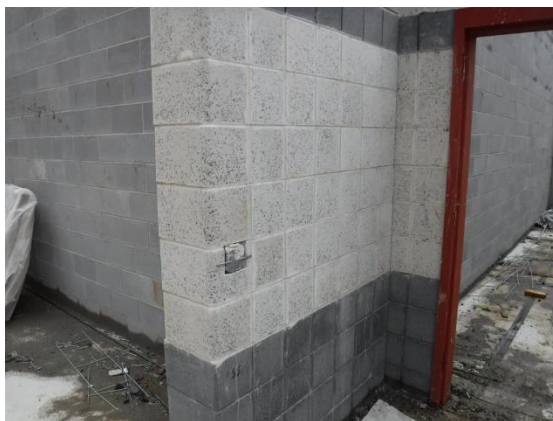
- r) Metal roof deck is being installed over the Gym. The roofing system will be able to be installed over this area. When this is in place, it will provide a covered area for materials storage.



- s) The blockwork in the classroom wings in Area A have laid up to plank bearing elevation. The next step will be the placement of steel beams across open areas to support the concrete planks.



- t) The ground faced block with tooled joints look good but additional detailing is required for a finished appearance.



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- u) Blockwork surrounding the administrative area in Area A has been laid up to plank bearing elevation. The interior office walls will be drywall on metal studs.



- v) Blockwork remains to be laid for the interior toilet walls in Area A and the north-south corridor to the west of the Gym.



- w) The exterior walls around Area A are in place for the first floor. The exterior walls on the west side of Area D will be the next focus for masonry work as the concrete planks and slabs are added to the first floor of Area A.



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- x) The block walls enclosing the art and music classrooms on the west side of Area D will complete that area.



- y) Light gauge roof trusses are stockpiled on the gravel base for the parking area to the northwest side of the site.



- z) Steel framing and metal deck is stored on site.



- aa) The block walls at the exterior of the Band Room are in place. The sloped beam at the top of the gable that defines the north end of the building needs to be formed and poured.



- bb) The blockwork in the Kitchen/Cafeteria area is lagging behind the other areas of the building. These can be laid when the second crew of masons are on site next week.



- cc) A view of Area C from another angle shows the work remaining to be done in that area.



- dd) Steel members need to be cleaned to remove mud and repainted where primer is missing.



3. Stored Material:

- a. Block, mortar and masonry materials.
- b. Hollow metal door and window frames.
- c. Plumbing piping and accessories.
- d. Conduits and electrical boxes and rough in materials.
- e. Reinforcing bars and wire.
- f. Galvanized steel imbeds.
- g. Storm sewer fittings.
- h. Mechanical and electrical equipment.
- i. Light gauge trusses, steel members and deck.

4. Follow up items:

- a. Maintain the Skudo system so that it protects the corridor slabs.
- b. Verify that the bearing elevations for concrete block wall are per the drawings.

Follow up by:

☐ Architect, ☐ Owner, ☐ MEP Engineer, ☐ Structural Engineer, ☐ Civil Engineer
☒ Contractor, ☐ Other

Respectfully submitted,
Joseph Jones, AIA
JRA Architects

Cc: 201752.01, CA8

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