



## FIELD OBSERVATION REPORT

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

Date: 8/5/2021

Time: 11:30 AM ET

Weather: Sunny, 80 degrees

Observed by: Joseph Jones

Report No: 62

Est. Completion: 94%

Present on Site:

John Stith, COO, Joe Stuecker, Billy Parson, Gerald Jones, Andrew Bolton, Excavator, General Trades, Polished Concrete, Roofers, Drywall Installers, Ceiling Tile Installers, Tile Setters, Painters, Mechanical, Electricians

### 1. Work in Progress.

- a. Excavator was grading the ROW bank at New Glendale Rd. and finishing the rough grade at the south side of the site.
- b. Edgar Bell's general trades crew was cleaning the building.
- c. Extreme Concrete Polisher's concrete finishers were working on the cafeteria corridor.
- d. Kalkreuth's sheet metal workers were installing sheet metal panels on the bus canopy.
- e. Grayhawk was correcting drywall soffits ahead of the painter.
- f. Grayhawk was installing ceiling tiles.
- g. Vesta's tile setters were installing tile for the blue bands at the student toilets.
- h. Conley's painters were painting in Areas A and B.
- i. GBMC's plumbers were installing plumbing fixtures.
- j. D&M's electricians were installing light fixtures.

### 2. General Observations

- a) The weather was dry, and the site was dry.

CRS was completing the rough grading of the south side of the site. They were bringing the area along New Glendale Road ROW to rough grade.

Scotty's finished paved the east parking lot and bus loop and applied striping.

Extreme Polishing's crew was grinding the slab in the cafeteria corridor to correct damage caused by others. They have handwork left to do.

Edgar Belle's cleaning contractor was cleaning rooms and then locking the doors so there is restricted access. Rooms will be accessed only when a contractor needs to install an item in the room. They are then to clean up after themselves. The door will remain locked. They were cleaning the first floor of the main corridor.

Dixie Exteriors needs to install a sample of the bottom trim on the fiber cement panels at roof flashings. JRA will review this when it is complete. Dixie also needs to install flashing under the copings where the low walls intersect the high walls covered with fiber cement panels.

Stewart-Richey has more smoothing of joints in exposed structural steel to do.

Kalkreuth's sheet metal installers were installing the metal soffit panels at the bus loading canopy. The rear bus canopy, metal roofing on the maintenance building and sheet metal trim remains to be completed.

Lake Cumberland Glass needs to clean the all the glass. They still have unframed mirrors and the trophy case glass to install.

Grayhawk is now installing acoustical ceiling tiles. Their finishers were making repairs to drywall soffits ahead of the painters.

Atlas' carpenters continue to install doors. Some doors are damaged and need repair or replacement. Some doors need modification to fit in frames and to function properly.

Conley Painting was continuing to apply paint in Areas A and B. They have painted some of the exterior surfaces but have more to do such as the lintels.

Vesta's tile floor installers were installing tile at the student toilets. They were installing blue and white tile per the PR for the work. They need to replace out of plane tile in several places.

US Specialties continues to fail to provide necessary materials. Dimensional letters, cork board for display cases, and stainless-steel protection plates are not on site. Some items still do not have established delivery dates.

Atlas library furniture installer has cut down the center shelving from 63" to 42" high.

Atlas casework installers need four more solid surface windowsills. They still do not have a delivery date for the panels at the toilets and the front column. They cannot install the display cases until they have the corkboard.

DC Elevator needs to have a final inspection to be able to provide the certificate needed for final completion and occupancy. The electrician still has work to do for the elevator, and the fire alarm must be operational to be able to have the elevator inspected.

Dalmatian Fire Protection appears to have everything to be able to provide final certification of their system. Their drainpipe station in the gym must be relocated away from the wood gymnasium flooring. A rupture of this pipe would spill water on the wood floor causing severe damage.

Stanford Smith continues to install kitchen equipment. The walk-ins are not operational because the installer was on vacation. This work should not take long once he arrives on site. The hood needs to be tested but cannot be tested until the fire alarm system is interfaced with its controls. After approval and cleanup, they need to conduct training with the kitchen staff.

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GBMC's mechanical installers continue to prepare the mechanical systems for commissioning and complete operation. Their plumbers were installing drinking fountains and wash stations.

D&M's electricians were continuing to pull cables and wire and install light fixtures. They continue to install exterior light pole and fixtures including pulling the wire. They have now been told that the replacement light fixtures for the original ones that rusted cannot be manufactured due to material shortages. The rusted fixtures will be installed on a temporary basis. These will be identified with a visible sticker to insure they are all eventually replaced. The electrical work was scheduled to be completed on 7-30-21. They cannot give a date when they will be complete. The electrical work and fire alarm work both need to be fully operational to receive certificates of completion and certification required to receive a certificate of occupancy for the building. They still have exterior lighting to install, the missing interior light fixtures to install and numerous loose ends that must be completed.

Alliant continues to install low voltage devices. They reported that their portion of the fire alarm system is in place. They plan to complete the security system soon. The intercom system is complete. They need HCS computers and Smart Boards in place to complete some of their tasks. These will be delayed for security reasons.

For the owner to be able to occupy the building, all the certificates required by the state building inspector must be submitted to him. These include plumbing, elevator, fire alarm, fire sprinkler, special inspections, HVAC, electrical, boiler, and the kitchen hood. The building inspector may have other requirements. Several of the necessary tasks for these certificates appear to be slipping into the middle of August before they will be complete. Scheduling of the test and local and state inspectors is critical to reach final approval for occupancy of the building by the school.

- b) Kalkreuth must complete the bus loading canopy.



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- c) The lawn area to the south of the site is one of the last areas to be brought to finished grade. Once grade is established, topsoil needs to be spread and then the lawn seeded and sodded.



- d) The area between the classroom wings has been rough graded after the storm piping was installed. The landscaper must apply the topsoil and the lawns in these areas.



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- e) Kalkreuth must complete trim work such as these copings. Dixie Exteriors must install a flashing through the spray insulation to the block wall backup wall. Kalkreuth can then extend the copings over these flashings.



- f) The joint between the brick pier and the structural steel canopy support has a mortar joint. As temperature change the steel will expand at a different rate than the masonry. The mortar must be removed in the joint between the steel and masonry and a soft sealant joint installed.



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- g) The rear parking area has been paved and striped. The light pole bases are in place but the wiring has not been pulled and the poles and fixtures installed. The electrician must put protection board down before they run their trucks on the paving.



- h) A temporary weatherstrip was installed at the door to the kitchen roof. A door bottom was installed on the door. The cut hollow metal frame must be repaired with the same section as the rest of the frame. The door will need to be cut to fit in the frame. The hinge needs to be changed to a continuous hinge.



- i) The structural steel pipe columns at the main entrance are not continuously smooth. Body filler must be applied to the rough joints near the bottom and tops, sanded and repainted to create a smooth continuous appearance.



- j) Kalkreuth needs to install all metal trim such as the missing piece at the main entry.



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- k) The sill of the first window at the entry is bent in at the bottom. This must be straightened so the frame matches the other window frames.



- l) At the middle stair in the main corridor, this angle and the bolts create a hazard to the building occupants. It must be covered, and the cover painted to match the stair.



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- m) Dents in structural steel and stair components such as these, must be filled with body filler and sanded smooth.



- n) All body filler must be sanded smooth and painted.



- o) Exterior hollow metal doors must not bind on the frames and must be able to be closed by the closer with the specified pressure.



- p) All wood doors such as these at the cafeteria must close without binding on the frames.



- q) The revised blue band tile must be straight and intersect with the dark ground faced block at the same elevation.



- r) The PR included raising the height of the blue tile above the wash station to match the raised blue band on the corridor walls. The blue band must be raised as indicated on the PR drawing.





- s) All device plates must completely cover the opening in the block or drywall wall.



- t) The fixture in the foreground is dirty and must be cleaned or replaced.



- u) This frame and several others have dents that must be corrected by applying body filler, sanding and then painting.



- v) Conduits that have been filled with grout must be cleaned and the conduit repaired.



- w) Light fixture must be fully seated in ceiling grids so there are no gaps between the perimeters of the fixtures and the grid.



- x) Ceiling grid must be straight, and the tiles must be fully seated in the grids.

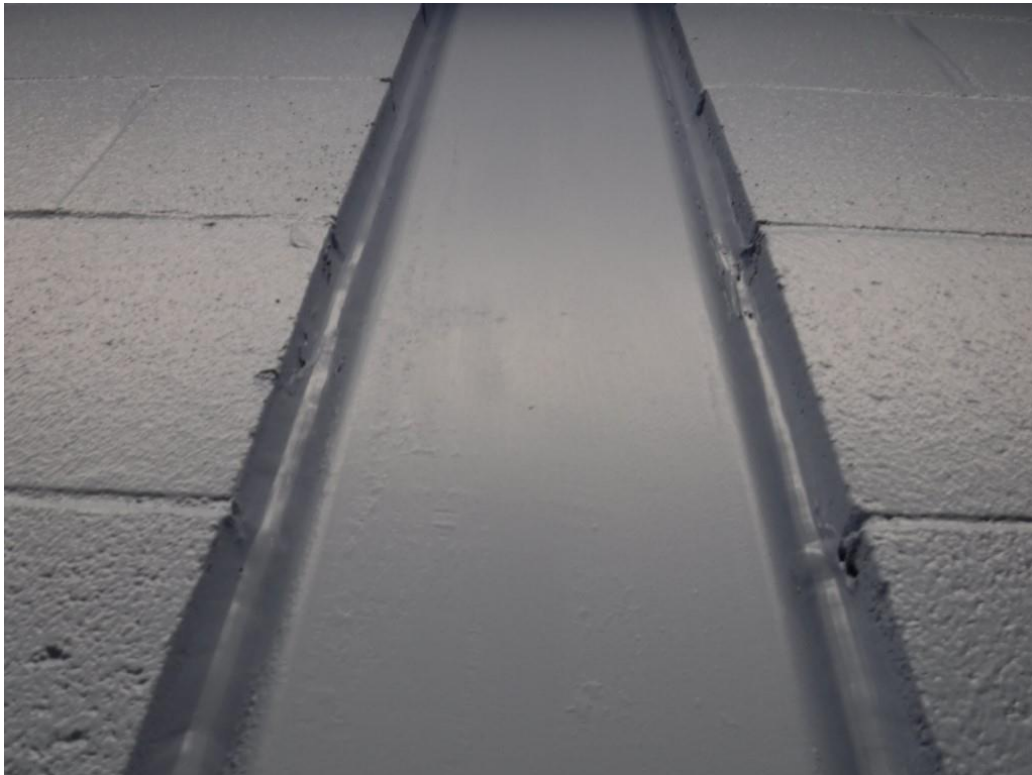




- y) A chain retaining stop must be applied on doors that can swing into glass doors in corner.



- z) Rework interior caulk so it fills the joints and is continuously smooth.



aa) Paint must cover all repairs to block and drywall walls.



bb) Clean the outside and inside of all A/V and electrical boxes.



**3. Stored Material:**

- a. Composite panel metal trim.
- b. Paint and painting materials.
- c. Ceiling grid and panels.
- d. Plumbing fixtures and accessories.
- e. Conduits and electrical boxes, light fixtures, wire and materials.
- f. Data cables and accessories.
- g. Roofing materials.

**4. Follow up items:**

- a. All trades shall keep the building and site clean by properly disposing all bottles, bags, wrappers, trash, debris, etc.
- b. Do not damage materials installed by other trades especially hollow metal door frames and polished concrete slabs.
- c. Cover the bottoms of steel stairs.
- d. Make all repairs before the punchlist inspection begins.

Respectfully submitted,  
Joseph Jones, AIA  
JRA Architects

Cc: 201752.01, CA8