



## FIELD OBSERVATION REPORT

Lincoln Trail Elementary School, Hardin County Schools, Elizabethtown, KY 201752 -CA8

Date: 10/22/2020

Time: 8:30 AM ET

Weather: 65/Partly Cloudy

Observed by: Joseph Jones

Report No: 36

Est. Completion: 94%

Present on Site:

Gerald Jones, Pavers, General Trades - Cleaners, Erectors, Carpenters, Roofers, Cabinet Installers, Glazers, Painters, HVAC Installers, Plumbers, Electricians, Furniture Installers

### 1. Work in Progress

- a. The general trades contractor was cleaning Area B.
- b. Pavers were spreading crushed rock for the bus loop and parking lot at the front of the building and the drive and parking lot at the rear of the building.
- c. Roofers were flood coating and placing gravel on the Gym/Cafeteria roof.
- d. Cabinet installers were installing cabinets in the classrooms.
- e. Carpenters were installing wood doors and solid surface materials.
- f. Glazers were working on the interior vestibule by the Preschool Classrooms.
- g. Painters continued to apply paint and caulking in Area B.
- h. Floor polishers were due but had not arrived on site.
- i. HVAC installers were completing work on the mechanical platform.
- j. Plumbers were installing sinks in casework.
- k. The electricians were installing electrical devices and light fixtures.
- l. The owner's furniture installers were installing furniture in the rooms in Area C.

### 2. General Observations

- a) The weather was partly cloudy and warming. The site was dry. Rain was predicted for the Friday afternoon.

**Scottys Contracting Paving** – Paving continues with the base course installed at the front parking lot and drive. They were placing rock. The driveway into the site has been paved with the base course of asphalt paving.

**Landscape Service** – Some of the sod is dead. Grass is spotty. Some grass areas were not finished graded before seeding.

**Edgar Belle General Trades** – Most of the fiber cement panel trim is place. Some detailing is still required, and they need to seal their joints. They are installing the toilet partitions which block the view of the wall tile improving the appearance of the toilets. They seem to have a lot left to do.

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**Alliance Concrete** – There is damage to curbs that needs repair. Some of the second-floor slabs are cracked and ground to the coarser aggregate. The polisher was due on site to grind areas they missed and fix blemishes in finish. They should apply the stain this weekend.

**Carmicle Masonry** – They have made some of the repairs such as the jamb brick at the cafeteria windows and a bad beam pocket in the lobby. They have a lot of brick cleaning and mortar repairs to do. Some of the block joints still need work.

**Stewart-Richey Erecting** – They have made an attempt to detail the welding on the stairs. Gerald said they have been on site the last three weeks. The welds are better but still need improvement. The welds are far from continuous and ground smooth as required by the specifications. They were welding closure plates to the canopy structure.

**Kalkreuth Roofing** – They were placing gravel over flood coat on the cafeteria/gym roof. They were installing sheet metal soffits and downspouts. They were working on the drainage system for the front canopy. Coping remain to be installed. They were beginning to repair the small built up roof area at the rear of the building.

**Atlas Wood Doors** – They have been installing doors but have a lot to go.

**G&M Glass** – Gary was installing the interior vestibule frames at the rear of the building. He hired a caulking contractor to finish applying sealants to the exterior sides of the windows. The joints at the curtain wall frames at the cafeteria are very wide due to the relationship between the back of the brick and the frame.

**Bennett's Interiors** – They were installing ceiling tile, LVT and floor base. Their foreman noted some issues with the base. In some case the 4" high square corner block that is the substrate was ground to a bullnose shape. He is repairing this so he can apply the same typical square corner. The top of the block which is supposed to 4" above the slab is less than that in many places. This causes the 4" base to be slightly higher than the block resulting in an uneven shadow due to the concave joint.

**Smith Interiors** – The tile setter was power hammering off the tile base he installed at the piers at the toilet entries. The wall tile is still unacceptable. The sloped transition strip makes a big difference, but the installation is sloppy. They still must make the tile acceptable and install paver tiles at the entrances.

**Conrad Floors** – The gym floor is striped and finished. Now Bennett's and Heartland Electric must protect the floor when they finish their work.

**Baston Painting** – They have made progress but still have a lot to do. Then they need to start on the touchup. They have hired a caulking contractor to apply sealants in the exterior masonry joints.

**US Specialties** – Solid surface work is going slowly. The fabricator is field measuring for every top before fabrication.

**Atlas Library Equipment** – The Library is a storage area. Until this material is removed the flooring cannot be installed and also the equipment.

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**C&T Designs Kitchen Equipment** – They need to repair the damaged cooler panel and make final connections of their equipment.

**DC Elevators** – Gerald said they need to return to finish. The elevator has been used to move materials.

**Fire Protection** – It appears that they are up to date.

**Knights Plumbing** – They are waiting on countertops to install their sinks.

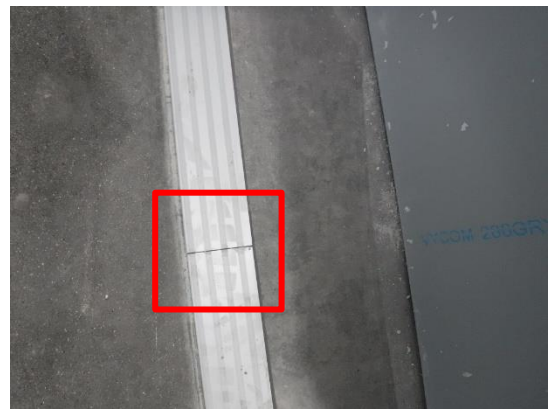
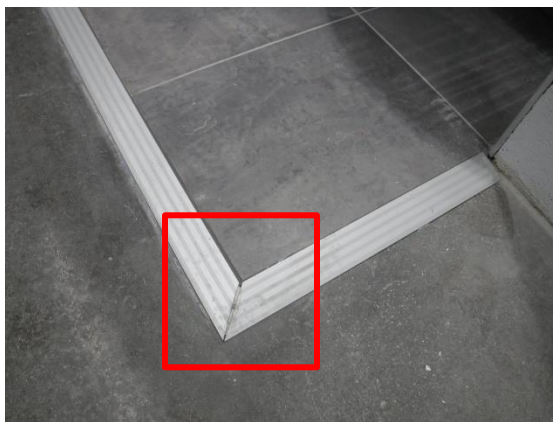
**Knights HVAC** – They are still commissioning their equipment. Everyone seems to have a lot of confidence in them.

**Heartland Electric** – Gerald said that they have had 3 to 5 electricians on site every day in the last 2 weeks. They still have a lot to do especially in Area A and on the mechanical platform.

- b) The wall tile is still unacceptable. The tile setter reported that he has not done a final cleaning on the joints. He believes that the appearance will improve after the cleaning.



- c) The sloped transition to the tile pavers has improved this condition. The tile setter said that he will seal the joints to improve the appearance.



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- d) The tile setter was removing the tile base at the piers in front of the toilet groups. This was being done so the solid surface panels can be placed from floor to ceiling.



- e) Painting and caulking continue to be applied as the painters move to the west side of the building with final wall and trim paint. Once they reach the west side of the building, they need to return to the rest of the building to touch up paint especially at door and window openings. In some cases, repairs are also required to the walls.



- f) The erectors had ground some of the welds on the handrails. Some of these are smooth and continuous. However, many and especially the fillet welds on the sides of the bottom bar are not smooth and not continuous as specified.



- g) Closure plates were being welded in place at the gaps in the structure at the canopy. Later, the seams between the plates had been sealed. The ends of the bent plates must also be sealed, and the soffit panels closed to the plates so there is no gap in the canopy soffits. The end plate must be ground smooth removing the mill marks.

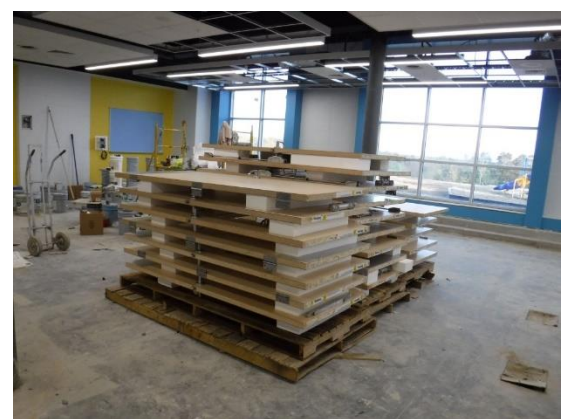




- h) The interior vestibule framing is being installed. Paver tile and walk off carpet still needs to be installed in these areas. After the framing is installed, glass, doors, hardware and security systems need to be added to these assemblies.



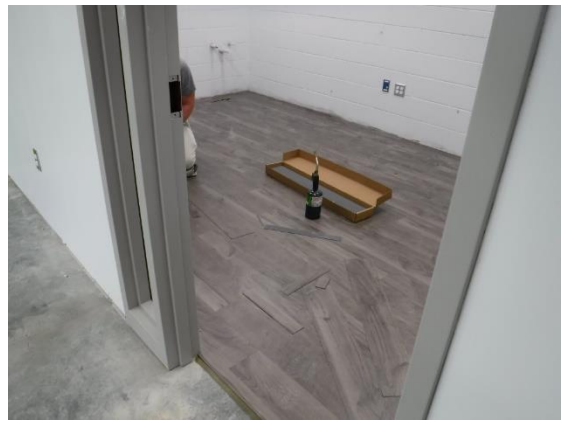
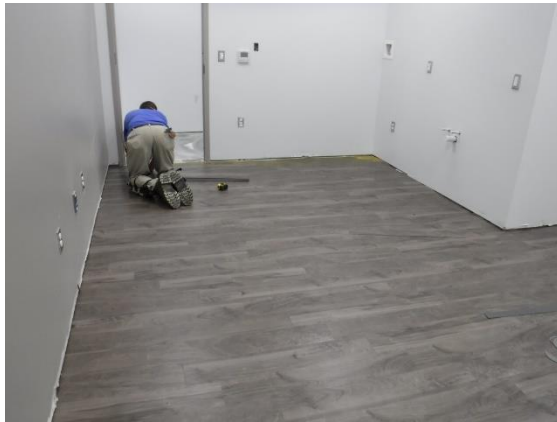
- i) The Library/Media Center is nearing completion but is still be used as a place to store materials for other rooms in the building.



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- j) Adhesive and then LVT flooring is being installed in staff areas and offices.



- k) 4" high vinyl base was being installed in rooms and corridors. The installer was making adjustments to keep the base tight to the walls with special detailing being applied to outside corners.



- l) Many of the hollow metal door frames do not fit tightly to the floor. Some have corrosion, cement and other foreign items in this area. The frames must be cleaned, painted and caulked to the concrete slabs.

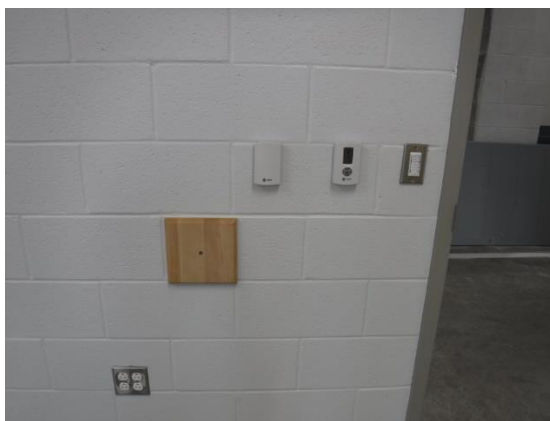
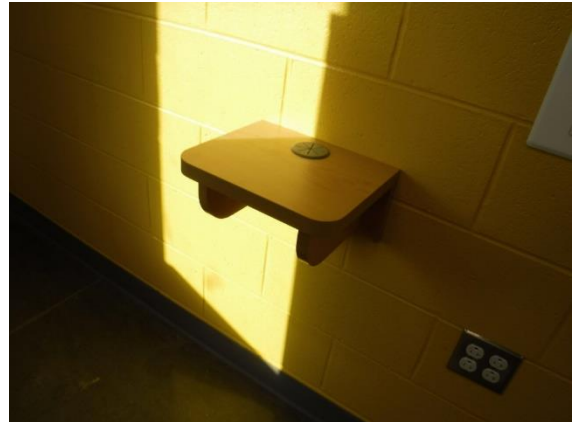
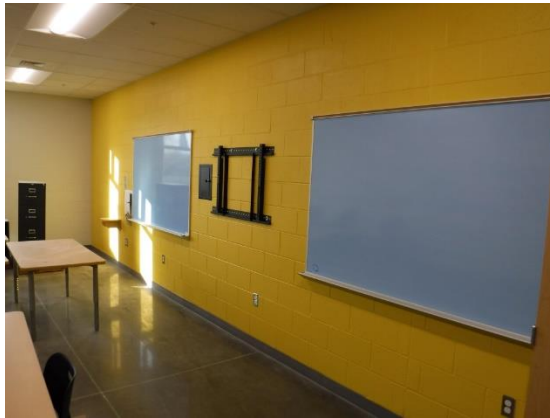




- m) Glass is being installed in wood doors as they are installed.



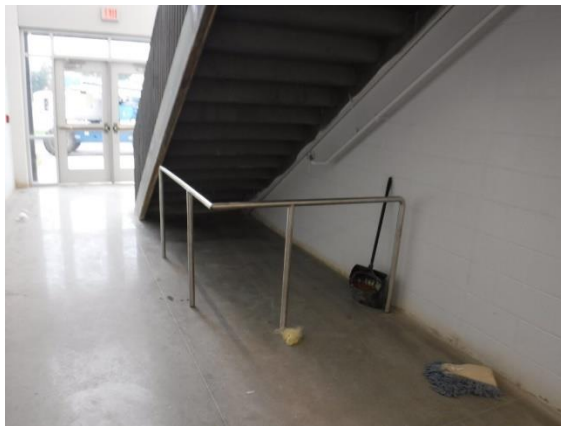
- n) Classroom accessories such as marker boards, smart board mount, pencil sharpener blocks, teacher's station shelf, and electrical/HVAC devices are being installed.



- o) Outside corner trim pieces are required at bullnose block corners. These have not been installed.



- p) The ADA required barrier railing was setting on the floor slab under Stair ST-C. The attachment of this railing to the slab must be made very carefully so it presents a finished appearance.



- q) Unfortunately, there is a deep grind in the polished floor at the intersection between two slab pours near the Art Room. This may not be fully correctable.



- r) The striping, lanes and lettering have been painted on the gym flooring and the flooring is sealed.



- s) Although a great deal of equipment has been moved from the Cafeteria, quite a bit still remains. The flooring and acoustical panels need to be installed in this room.



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- t) The quarry tile Kitchen floor has been improved with additional grouting of the joints, but more correction is required.



- u) The flood coat and gravel were being placed on the cafeteria/gym roof. Next will be the installation of the sheet metal copings over the parapet walls. The kitchen roof and low roof areas remain to be done.





- v) Crushed stone was being placed on the parking and roadway areas at the rear of the building.



- w) The roof structure, sheathing, and synthetic felt are in place over the maintenance building.



- x) The fill around the exterior stair railing posts into the concrete is sloppy. This must be corrected.



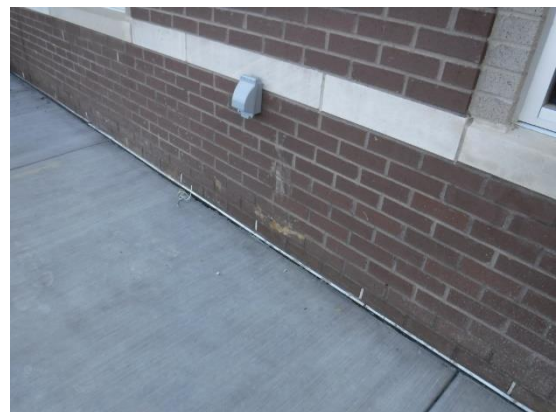
- y) The downspouts from the roof have been sealed into the boots. All the downspouts at the canopies are too short to be sealed into the boots. This must be corrected.



- z) Roofers were installing the gutters and downspout on the main canopy.



- aa) There is a considerable amount of mud and other staining of the brick around the base of the building. This must be removed.





- bb) Some of the sod is dead and must be replaced.



- cc) The grass seed is spotty or missing entirely. Some of the areas were not finished graded before seeding. Seeding will need to be redone next spring when growth can be assured.



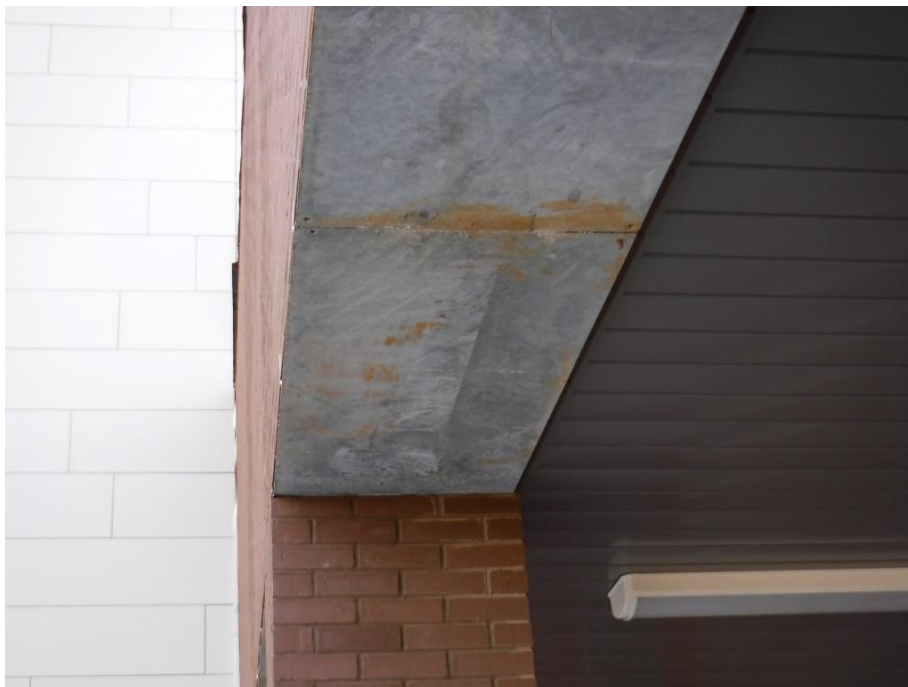
- dd) The cafeteria windows are being sealed to the brick and composite panels. The sealant must be uniform at the brick and form a straight line.



- ee) There are chips in the site concrete work that must be repaired.



- ff) Corrosion/mud must be removed from the galvanized lintel at the dock before it is prime painted and final painted.





- gg) The spray insulation on the window lintels must be removed, the lintels prime painted and the final painting applied.



- hh) The base flashing under the composite panel must form a true miter at corners.



- ii) Roofers were installing soffit panels at the front of the building.



### 3. Stored Material:

- a. Electrical fixtures, wire, and equipment.
- b. Roofing and siding materials.
- c. HVAC materials
- d. Tile materials.
- e. Casework.
- f. Glazing materials.
- g. Ceiling tile, grid and attachment materials.
- h. Plumbing and mechanical trim and fixtures.

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**4. Follow up items:**

- a. Keep as-built locations for site utility work up to date.
- b. Keep as-built locations of plumbing and electrical lines up to date.
- c. Maintain site silt control measures.
- d. Have all trades keep the building clean of all bottles, lunch bags, wrappers, trash, debris, etc.
- e. Clean and repair brick.
- f. Protect all low sloped roof areas during all construction activities.
- g. Correct defects as each area is nearing completion. Confirm corrections.

Follow up by:

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

Respectfully submitted,  
Joseph Jones, AIA  
JRA Architects  
Cc: 201752, CA8