



FIELD OBSERVATION REPORT

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

Date: 7/2/2020

Time: 9:00 AM ET

Weather: 80/Partly Cloudy

Observed by: Joseph Jones

Report No: 26

Est. Completion: 64%

Present on Site:

Gerald Jones, General Trades, Masons, Erectors, Roofers, Tile Setters, Painters, Electrician

1. Work in Progress

- a. The general trades contractor was cleaning the interior of Areas B and C.
- b. Masons were laying brick at the loading dock. Two men were tucking pointing block in the Gym and two were in Area B.
- c. Erectors were completing the detailing of the main canopy.
- d. Roofers were installing the low sloped roofing systems over the Cafeteria and the Gym and the metal roofing panels over Area B.
- e. Tile setters were laying tile and cleaning grout in the toilets.
- f. The electrician was working in Area B.

2. General Observations

- a) The weather was hot and humid with partly cloudy skies. It has not rained since Monday. The site was dry but the building was still wet from the rain on Monday. The forecast includes a slight chance of thunderstorms possible into next week.

With the roof over Area B still incomplete and entry areas of the building open, there are still ample places for storms to flood the building. Until the roofing, windows and entries are in place, the building will not be completely dried in thus slowly finished interior work.

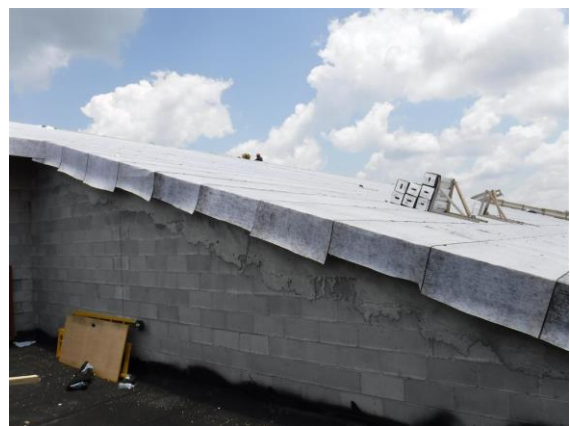
Gerald reviewed the upcoming schedule. Z's are in place ready for composite panels as soon as the spray insulation is complete which should be by Friday. Brick is nearing completion and detailing of interior brick is ongoing in Areas A and B. The erectors are completing the framing for the canopy. Areas A and B low sloped roofs will be installed along with the metal roofing. Metal panels will be installed over Area C. Most of the window frames are in for Area . Glass will start being installed on the 9th of July. Ceramic tile is being installed in the toilets and then the quarry tile in the Kitchen will be installed. The first coat of wall and door frame paint is almost complete in Area C. The painters will next move to Area A. Sprinkler installers will move into the Gym and Cafeteria. The electricians will move from Area B to Area A and complete rough ins there.

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The roofers were installing the standing seam metal roofing over Area B. Refer to Zack Hadden's report for more information on the roofing.

- b) Roofers were being to install the standing seam metal roofing system over rigid insulation and the vapor barrier over Area B as I arrived on site.



- c) Materials were stockpiled on the Gym roof to complete the roofing system. The Gym is dried in with the installation of the vapor barrier over the protection board.



- d) A work ladder and a can of roofing emulsion were on the roof over the rear main entrance. Nothing should be placed on roofing materials that are in place without laying plywood down first to spread the load and prevent damage to the roofing.



- e) At the roof over the main entrance, lumber had been stockpiled to be installed for wood blocking. This material must not be placed on the roofing material in a way that would damage the membrane.



- f) During the progress meeting John Stith expressed his concern about protecting the brick from stain from the clay soil around the building. Some areas of ground had been covered with straw but not all. The area at the Kitchen/Cafeteria needs attention.



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- g) Straw has been placed around Area C where the brick has been washed. There is still some staining of the brick that needs to be removed.



- h) Brick and stone have been laid on the south elevation of the Cafeteria. Above the stone band, metal Z's have been installed to receive the composite panels after spray insulation is applied between the metal framing.



- i) Brick and stone has been laid on the south and west elevations of the Kitchen. The mason replaced some brick that was not aligned with the adjoining brick.



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- j) Masons were laying brick over the loading dock. Most of the brick is in place on the building.



- k) The lower portion of the Gym walls have been covered with brick and stone. Composite panels will be installed above the stone band.



- l) Brickwork is almost complete over the Preschool rooms in Area B. The upper walls of Area B will be covered with composite panels.



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- m) Most of the window frames have been installed in the rooms for Area C. The glass will be installed starting July 9th.



- n) The structure for the main canopy is almost complete.



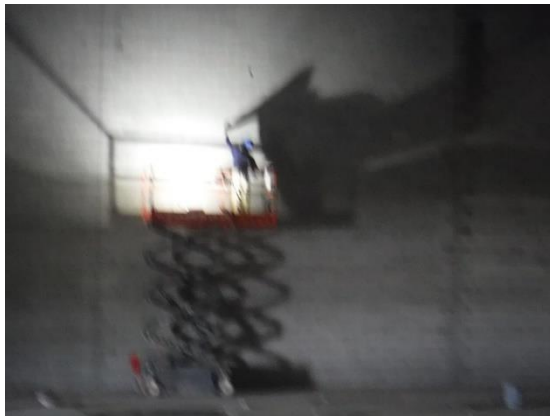
- o) With the front entrance open, rain can enter the administrative area. The floor was covered with water.



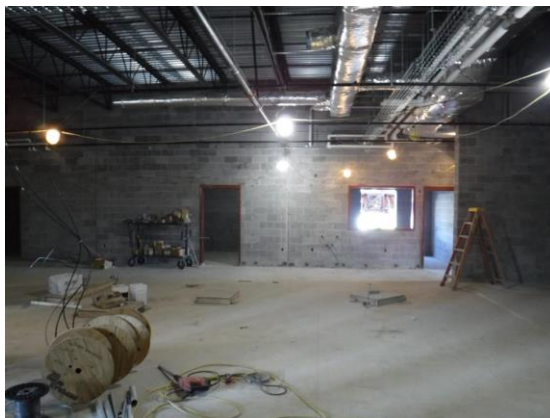
- p) A masonry worker was detailing the ground faced block in the main lobby. It looks good thus far. It will have to receive final cleaning to determine if the final appearance is acceptable.



- q) Masonry workers were detailing the block in the Gym. The lack of temporary lighting makes it difficult for the workers to see their work and for the architects and engineers to inspect the work.



- r) Overhead mechanical/electrical work has been installed in the kitchen.



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- s) The corridors walls and door frames in Area C have been given the first coat of paint over the block filler. The door frames have been sprayed. The final quality of the finish will depend on the amount of preparation given to smooth the metal. Due to the lack of temporary lighting it is difficult to determine the quality of the paint work. Since water has entered the building, the painter has expressed concern over the negative impact the moisture will have on the paint.



- t) The field color of paint is a white tint making the rooms very bright. The painters masked the floor around the base of the walls. There was overspray that hopefully will not affect the polishing of the concrete.



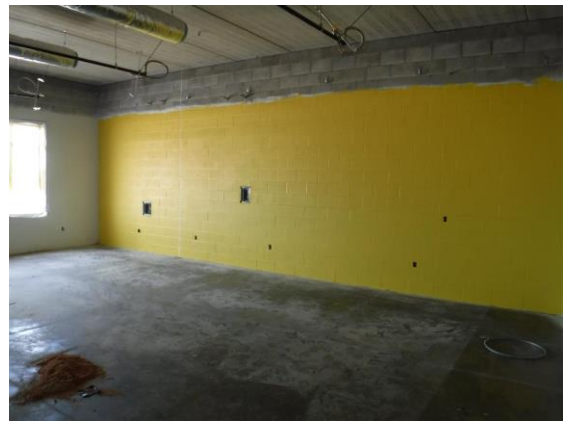
- u) This frame for Resource 143 will need to be sanded and repainted.



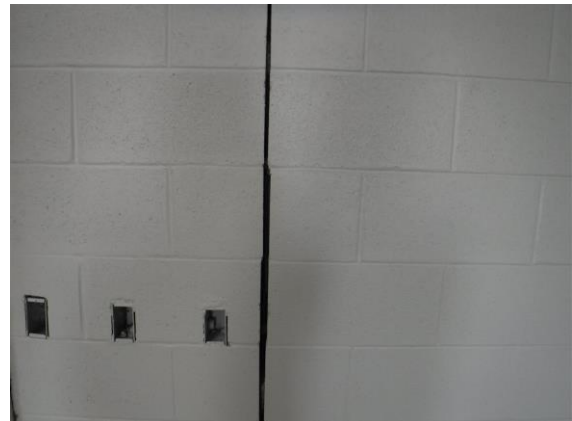
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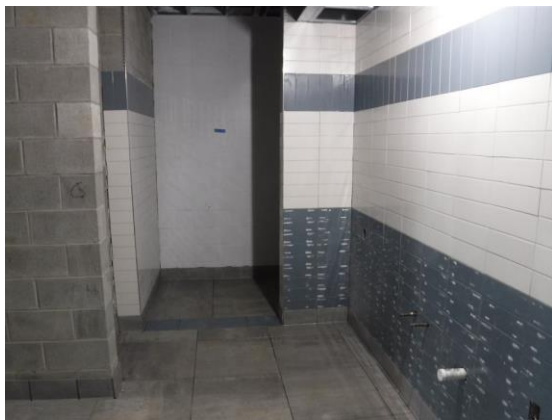
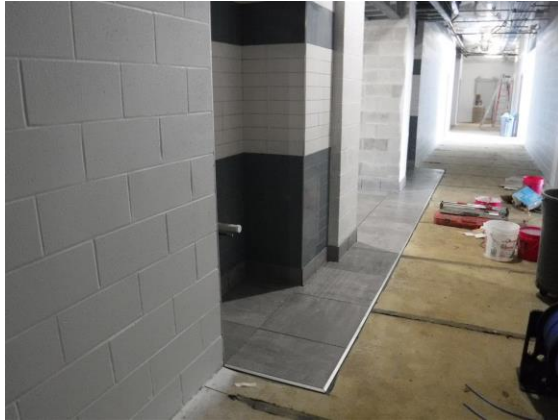
- v) There are four accent wall colors. The painter needs to refer to the ASI issued by JRA for color changes in rooms. Two of the original colors were deleted in the final color selections and one of these four colors was substituted.



- w) The painter complained that the control joints were not properly prepared by the mason. I agree with the painter. The joints are not straight, not even and filled with mortar. This needs to be corrected before the joints are caulked.



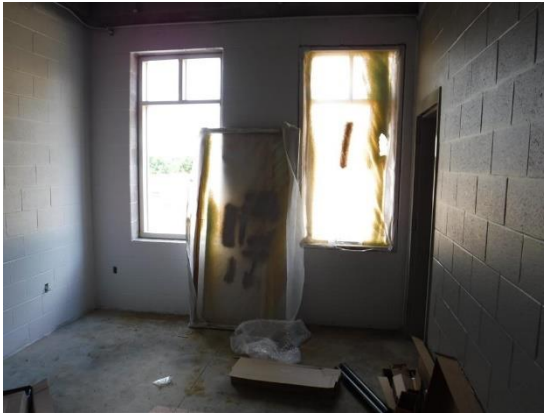
- x) The ceramic floor and wall tile has been installed in Area C. The work looks good so far.



- y) Ceramic floor and wall tile is being installed in the staff toilets.



- z) The aluminum window frames are installed in Area C but the glass is not installed. The temporary coverings must be kept in place to keep water out of the building.



- aa) Area B is finally covered with metal deck and soon will have the permanent roofing system installed.



- bb) HVAC installers continue to add heatpumps on the mezzanine above Areas B and C and then making duct connections to for ductwork serving the rooms below.



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3. Stored Material:

- a. Electrical conduit and boxes and equipment.
- b. Brick and masonry materials.
- c. Roofing materials.
- d. Metal roof deck.
- e. Plumbing and mechanical rough-in materials and equipment.
- f. Sprinkler piping and fittings.

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.

Follow up by:

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

Respectfully submitted,
Joseph Jones, AIA
JRA Architects

Cc: 201752, CA8