



## FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 10/5/2023

Time: 9:00 AM ET

Weather: 65/ Cloudy

Observed by: Joseph Jones, AIA

Report No: 47

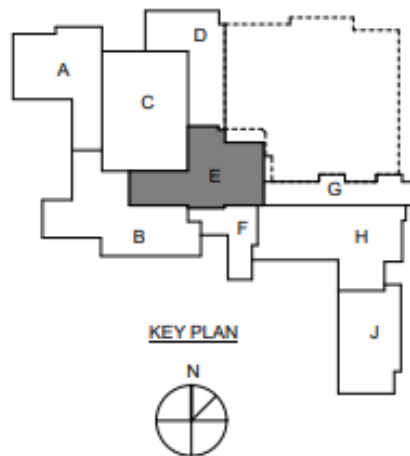
Estimated Completion: 70%

### Present on Site:

Brandon Akers, Ryan Martin, Cliff Rich, Alliance (General Trades), Carmicle (Masonry), Kalkreuth (Metal Roofing), Stewart-Richey (HVAC), AES (Electrical).

### Work in Progress




- a. Carmicle was laying block in Area E.
- b. Kalkreuth was installing sheet metal roofing on penthouse roof and built-up roofing.
- c. Stewart-Richey was installing ductwork in Area B and E.
- d. AES was installing rough-ins Area B and E.









JRA Architects

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General Observations



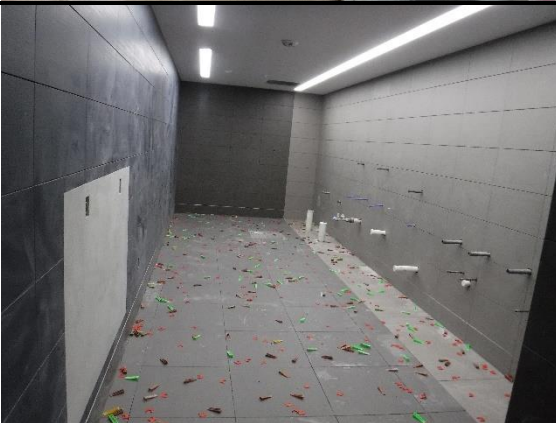
Item No.	Location	Description/Correction	Image	Action
1	Areas A and B	The west elevation of the addition is nearing completion. The blue areas at the tops of the walls will be covered with sheet metal siding.		Apply sheet metal siding to close the exterior walls.
2	Areas A and B	Looking past the Auxiliary Gym to Area B. Paving and concrete walks and curbs were in place. A fence separates the area open to students from the construction area.		Maintain strict separation between school functions and construction.
3	Area B	The mechanical penthouse was extended to the west end of the constructed area. The louver was installed.		Enclose building as soon as possible to provide conditioned areas for interior work.




Item No.	Location	Description/Correction	Image	Action
4	Exterior at the Gym Lobby.	The stone at the lobby entrance is still stained after cleaning. Note the metal panels installed at the tops of the walls at the entrance.		Consult with the stone manufacturer for cleaning methods to be used on stone.
5	Area B.	Brick and Curtainwalls were in place.		Complete metal panels installation to seal walls.
6	Area B.	Some of the glass units on this wall covers steel beams that have missing spray fire resistive materials.		Remove glass and repair fireproofing.




Item No.	Location	Description/Correction	Image	Action
7	Area B.	Stair B Entry.		Take steps to prevent staining of stone.
8	Area B, Gym Level.	Block walls were covered with block filler.		Apply block filler to provide an even texture with the final coat of paint.
9	Area B, Gym Level.	Block walls were covered with block filler.		Use hand held lights to examine block filler and touch up as needed.






Item No.	Location	Description/Correction	Image	Action
10	Area B Foundation Wall, Gym Level.	This area had water intrusion earlier in the project.		Continue to monitor for leaks.
11	Area B, Gym Level.	Block fill was applied to block.		Repair block damage before finish coats are applied.
12	Area B, Gym Level.	Some of the hollow metal frames were heavily corroded.		Remove corrosion, repair metal, apply primer and finished coats.




Item No.	Location	Description/Correction	Image	Action
13	Area B, Gym Level.	Soffit framing was in place.		Repair spray fire resistive materials on steel framing above soffit. Apply missing fire proofing on painted member.
14	Area B, Staff Toilet, Gym Level.	Wall tile was installed. Floor tile was being installed.		Check walls and floors for flatness to insure acceptable tile installation.
15	Area B, Gym Level, Student Toilets.	Wall and floor tiles were installed. The joints were not grouted.		Apply grout so that joints have a uniform appearance. Clean grout off tiles.




Item No.	Location	Description/Correction	Image	Action
16	Area B, Gym Level, Student Toilets.	Note spacers on the floor. Unlike the previous HCS projects, this tile setter used spacers to set the joint widths. Cliff noted that he had Carmicle grind the block faces.		Install grout while keeping the tile surface clean.
17	Area B, Gym Level, Student Toilets.	The large tiles with a matt finish appear to be flatter than the gloss finished tiles on the other HCS projects.		Tile will be reviewed after the joints are grouted.
18	Area A, PLTW Classroom.	The overhead door at the corridor is not operational. The "L" brackets on the door hits the supporting Unistrut. Cliff is working with Overhead Door for a solution.		Submit door fix for review.

Item No.	Location	Description/Correction	Image	Action
19	Area A, Sub Level.	The terrazzo installers were mixing, pouring, and leveling the terrazzo in the upper gym lobby.		Do not damage any other material during the installation of the flooring.
20	Area A, Sub Level.	The unground terrazzo had a textured appearance.		Limit foot traffic in the area until the floor is complete.
21	Area A, Sub Level.	The gym lobby was closed to all other trades and the school while the terrazzo was being poured.		Limit foot traffic in the area until the floor is complete.






Item No.	Location	Description/Correction	Image	Action
22	Area A, Mech. Room	The area was littered with construction debris, excess materials, and tools.		Clean the room ASAP!
23	Area A and B Mech Platform	The area was littered with construction debris, excess materials, and tools.		Clean the area ASAP!
24	Area B Mech Platform.	The area was littered with construction debris, excess materials, and tools.		Cliff notified JRA that all Mech. areas have now been cleaned.



Item No.	Location	Description/Correction	Image	Action
25	Area B, Mech. Platform	The east-west platform area was receiving piping and ductwork.		Keep area clean.
26	Area B and E Roofs.	Both built-up and sheet metal roofing was under way.		Refer to Zach Hadden's roof report.
27	Area B, Second Level.	Welded wire fabric was in place to receive the concrete topping.		Meet the spec for floor levelness and flatness.

Item No.	Location	Description/Correction	Image	Action
28	Area B, Second Level.	Ductwork was being installed.		Sela all joints in duct work and in insulation.
29	Area B, Second Level.	Ducts were penetrating the slab.		Follow Mech. Drawings for fire damper locations.
30	Area E, Second Level, Looking at the Kitchen Area	Concrete block walls in the kitchen were being laid.		Prepare block for the specified finishes.



Item No.	Location	Description/Correction	Image	Action
31	Area B, Second Level	Light gauge steel framing for soffits was being installed.		Coordinate soffits with duct runs.
32	Area C, Gym	Mr. Isaacs reported the wheels for the bleachers in one area fell out of their mounting causing the bleachers to bind when they were being closed.		Have Irwin Seating examine all connecting pins to make sure that they are held in place with the "C" spring retainers.
33	Area B, Exterior	Formwork was being installed for the projection of the southern portion of the addition.		Comply with comments, if any, in the SPIN report.



Item No.	Location	Description/Correction	Image	Action
34	Area B, Exterior	Footings were poured for the southern face of the addition.		Comply with comments, if any, in the SPIN report.
35	Area E, Kitchen	Block was being laid at the kitchen. Note steel framing that was also in place.		Coordinate the exterior walls in the area with Phase 2 work.

**2. Stored Material:**

- a. Storm and sanitary drainage structures and piping.
- b. Structural steel framing.
- c. Steel reinforcement.
- d. CMU and accessories.
- e. Fire resistant materials.
- f. Hollow metal door frames.
- g. Roofing materials.
- h. Finish materials.
- i. Light gauge framing and wall board. Curtainwall studs.
- j. Plumbing piping and materials.
- k. HVAC ductwork and HVAC equipment.
- l. Electrical conduits, boxes, light fixtures, and materials.

**3. Follow up items:**

- a. Keep as-built locations for site utilities up to date on the as-built drawings.
- b. Keep as-built locations of mechanical, plumbing, and electrical system locations up to date on the as-built drawings.
- c. Correct and address all action items and deficiencies and submit a log to JRA confirming that the work has been completed.

Follow up by:

- Architect,  Owner,  MEP Engineer,  Structural Engineer,  Civil Engineer
- Contractor,  Other

Respectfully submitted,  
Joseph Jones, AIA  
JRA Architects

Cc: 2019111, CA8