



## FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 1/4/2024

Time: 9:00 AM ET

Weather: 40/ Partly Cloudy

Observed by: Joseph Jones, AIA

Report No: 52

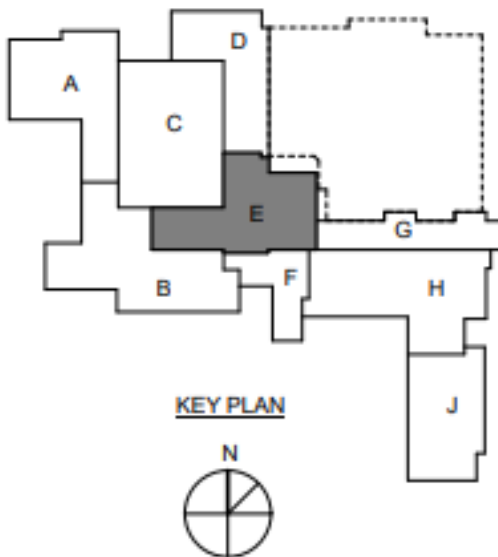
Estimated Completion: 79%

### Present on Site:

Cliff Rich, Alliance (General Trades), Carmicle (Masonry), Kalkreuth (Sheet Metal), Bennet's (Wallboard), Stewart-Richey (HVAC), AES (Electrical).

### Work in Progress




- Alliance was finishing the slab pour in First Floor of Area F.
- Carmicle was laying block in Area E and F.
- Bennet's was installing light gauge framing and hanging wallboard in Area B.
- Stewart-Richey HVAC was installing ductwork in Area B.
- AES was installing rough-ins Area B and F.






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General Observations




Item No.	Location	Description/Correction	Image	Action
1	Area B from the South	Aluminum composite material had been installed above and below the windows.		Coordinate ACM work with other materials to provide a weather tight enclosure of the building.
2	Area B - LMC	Concrete block back up walls were laid between the steel framing.		Complete roofing, brick veneer, sheet metal, and curtainwall to enclose the LMC.
3	Area B – Library Media Center Exterior Wall	The through wall flashing at the base of the walls was installed.		Cut the front edge of the flashing back 3/8" to prevent asphalt runs down onto brick.

Item No.	Location	Description/Correction	Image	Action
4	Area B – LMC Through Wall Flashing	The through wall flashing steps with the grade.		Lap the flashing to provide continuous protection.
5	Area B – LMC – Exterior Wall	As work above is complete the brick veneer will be extended up to the roof.		Lay brick with uniform joints and random colors of brick.
6	Areas B – LMC Looking at the Second Floor Structure	Steel that is not prime painted will receive spray fire resistive insulation material.		Protect SFRM from damage from rain and construction activities.

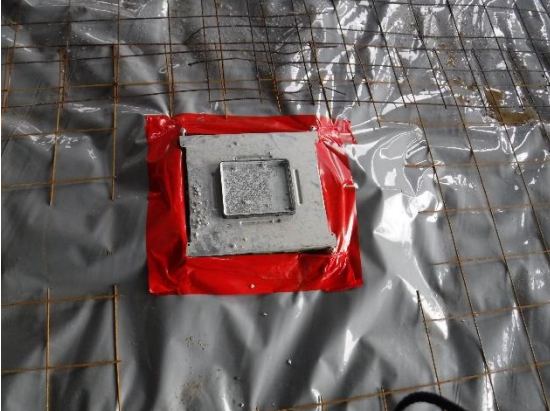







Item No.	Location	Description/Correction	Image	Action
7	Area E Cafeteria	Steel columns had been erected for the roof structure over the area.		Use cold weather procedures for steel erected in cold weather conditions.
8	Area E Cafeteria	The cafeteria is connected to the main gym lobby in Phase 2.		Coordinate access for lifts through the gym lobby into the cafeteria with school staff.
9	Area E	Concrete block above the kitchen was being laid for the art classrooms over the kitchen.		Take special care with the finish of the block wall for open area of the cafeteria.

Item No.	Location	Description/Correction	Image	Action
10	Area E Cafeteria	The steel framing for the roof structure ties into the concrete block walls.		Plan for thermal changes at connections to the walls.
11	Area E Connecting Corridor to Gym Lobby	The new double door openings will be the access point for lifts to be used in the cafeteria.		Coordinate lift access through the openings to avoid damage to the frames.
12	Area E Looking to Area F	Concrete block was being laid on the second floor.		Take special care with the block finish for walls exposed to the new main entry.



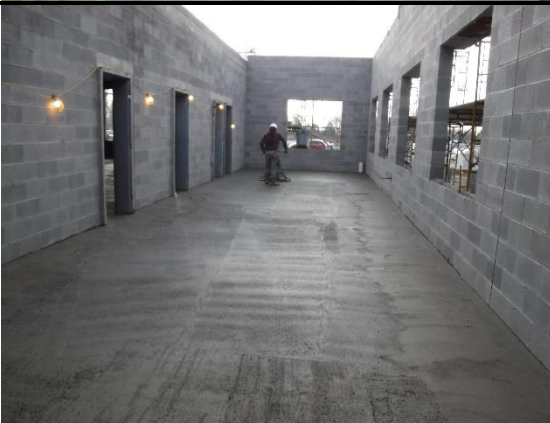
Item No.	Location	Description/Correction	Image	Action
13	Cafeteria/ Multi-purpose Area	The area was becoming enclosed and systems were being installed.		Protect brick piers from damage as other work is installed.
14	First Floor Main Corridor	Wallboard was being hung over light gauge metal framing for the soffits.		Stabilize environmental conditions before finishing wallboard.
15	LMC Interior	The under-slab vapor retarder was placed and slab temperature reinforcement was located on chairs.		Make sure that all in-slab devices such as outlets are protected from concrete filling boxes and conduits.









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16	LMC Floor Box	The vapor retarder abuts walls, penetrations, and devices.		Tape all edges and penetrations. Make sure that the tape provides a seal to the penetrations. Confirm this in the SPIN reports.
17	First Floor Main Corridor in Area B	Wallboard was being hung on soffits. Temperature control for the area was being provided by propane heaters.		Maintain specified temperatures for wallboard work.
18	Area B	A classroom was being used for tool cabinets.		Protect slabs scheduled to have a polished concrete finish from damage from stored tools and materials.

Item No.	Location	Description/Correction	Image	Action
19	Corridor to the Gym Area	The walls were painted the first coat.		Correct defects in block walls before applying block filler and additional coats of paint.
20	Typical Classroom	Rooms were being used to store materials.		Protect slabs scheduled to have a polished concrete finish from damage for stored tools and materials.
21	Typical Exposed Steel Column with Intumescent Coating.	The coatings have some cracks.		Repair cracks with materials approved by the coating installer. Paint columns to match the wall color.









Item No.	Location	Description/Correction	Image	Action
22	Area B Gym Label	Ceiling grids and light fixtures are in place.		Conduct an above ceiling inspection.
23	Area B Corridor at Student Toilets	The area was clean. The area was enclosed to allow for temporary heat.		Maintain enclosures and clean surfaces as finishes are installed.
24	Area F First Floor Offices	The concrete slab was being finished.		Protect slabs during curing per cold weather requirements.




Item No.	Location	Description/Correction	Image	Action
25	Area F First Floor	The concrete slab was being finished.		Protect slabs during curing per cold weather requirements.
26	Second Floor Main Corridor in Area F and E	Concrete block was being laid.		Confirm location of corridor on As-Builts for coordination with Phase 2.
27	Area E Second Floor Classroom	Hollow metal frames were being incorporated into walls.		Keep mortar off the heads of the frames. Remove any mortar on frames without damaging the finish.

Item No.	Location	Description/ Correction	Image	Action
28	Area F Resource Room	Wall adjoining the entry lobby will be glass.		Coordinate glass wall with revised outlet drawing.
29	Area E Second Floor	Concrete block walls were closing in the interior spaces.		Continue to have uniform joint patterns. Clean mortar off the block.
30	Classroom in Area B with Platform Level above	The platform was being extended to the east end of Area B.		Continue to protect HVAC and electrical equipment exposed to the weather.









Item No.	Location	Description/ Correction	Image	Action
31	Looking down on LMC from Classroom on the Second Floor	The LMC slab was being prepared for concrete pours.		Follow comments in the SPIN reports.
32	Area B Second Floor Main Corridor looking at Cafeteria / Multi-purpose Area	Most of the area in the Multipurpose Area is under roof.		Complete structure and tie in roof areas as soon as possible.
33	Area B Platform.	The area had been cleaned and the equipment protected with plastic.		Continue to take precautions with equipment as the platform is extended to the east.

Item No.	Location	Description/Correction	Image	Action
34	Second Floor Area B looking at the LMC Roof Structure.	Roof deck was partially in place.		Complete roof deck and install roof system as soon as possible.
35	Area A Gym Level Student Toilet	Wall tile had been cleaned but some hazing persisted. Some floor tile joints were uneven in color.		Clean wall tile and replace grout in floor tile joints.
36	Area A Gym Level Student Toilet	The toilet fixtures were not caulked to floors and walls. Some water closets were not installed with proper clearances to meet ADA requirements.		Caulk fixtures to floors and walls after dimensional clearances have been confirmed.

Item No.	Location	Description/ Correction	Image	Action
37	Area A Gym Level Student Toilet	Tile base was installed.		Clean base with the walls.
38	Area A Gym Lobby	The dark blue area was refinished to match the approved sample.		Protect finishes until turned over to the owner.
39	Area A Gym Lobby Stair	Paint on the steel stair was damaged by the grinding process for the terrazzo.		Repaint steel stair.



Item No.	Location	Description/Correction	Image	Action
40	Area A Gym Lobby Stair	The concealed heads for the added soffit were installed.		Complete the framing and the wallboard soffit to conceal the sprinkler piping.
41	Area C Main Gym	The wall protection pads for the columns were not installed.		This is a student safety issue. Install pads as soon as possible.
42	Area A Entry	The limestone is still streaked.		Continue remediation of staining until the limestone is clean.

Item No.	Location	Description/Correction	Image	Action
43	Gym Lobby Entrance	The area to the south of the walk is construction area.		Maintain chain link fence to keep students out of the construction area.
44	Area A and B Exterior	The west elevation is closest to being complete.		As the rest of the building is being completed, complete the missing items on the west elevation.
45	Parking Lot by Temporary Toilets	There is a soft spot in the pavement.		Remediate the underlying soils and reinstall pavement.

**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