



## FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 2/15/2024

Time: 9:00 AM ET

Weather: 50/ Sunny

Observed by: Joseph Jones, AIA

Report No: 54

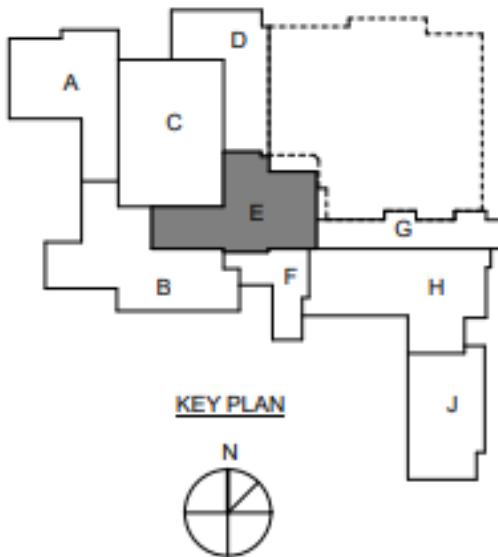
Estimated Completion: 82%

### Present on Site:

Alliance (General Trades), Carmicle (Masonry), Bennet's (Wallboard), Stewart-Richey (Structural and HVAC), AES (Electrical).

### Work in Progress

- a. Alliance was preparing for the slab in the Commons in Area E.
- b. Lake Cumberland Glass was working on glass seals at the entrance to the Gym Lobby. They were also fixing the leak at the north doors to Area A.
- c. Stewart-Richey Structural was completing steel framing over Area F.
- d. Irwin Seating was replacing all the intermediate risers on the lower level of the bleachers. The original risers were too tall.
- e. Kalkreuth was installing sheet metal panels, awnings and flashings on Area B.
- f. Carmicle was laying block in Area F.
- g. Bennet's was installing light gauge framing and hanging wallboard in Area B.
- h. Stewart-Richey HVAC was installing ductwork in Area B.
- i. AES was installing rough-ins Area B and F.






JRA Architects




3225 Summit Square Place, Suite 200 Lexington, KY 40509  
Tel: 1-859 252-6781 Fax: (859) 255-5483 www.jrarchitects.com




General Observations




Item No.	Location	Description/Correction	Image	Action
1	Area B Southwest Corner	Materials were being lifted to the roof over Area B.		Complete the exterior of this area to dry in the building enclosure.
2	Area B – Southwest Corner	Foundation water proofing was extended to the SS drips at the through wall flashing. As installed the water proofing is too high and will be above finished grade.		Remove excess water proofing material and clean brick above the grade line.
3	Site at Area B – Library Media Center	The structural steel framing for the west entrance canopy was in place.		Coordinate finish materials for the canopy with the steel farming.

Item No.	Location	Description/Correction	Image	Action
4	Area B – Connector	Awnings had been placed at the tops of the curtain wall along the connector. With these in place the elevations are almost complete.		Install sealants and metal trim to complete the exterior. Test the curtainwall in this area as instructed by JRA.
5	Area A and B	Awnings were being installed at the tops of the curainwalls.		Install sheet metal work so the elevation is completely weather sealed.
6	Areas A – North Doors	A Lake Cumberland Glass crew was water testing the curtainwall for leaks after water entered the vestibule during the recent storm.		The LCG crew reported that the leak had been fixed. They also tightened seals holding the glass in place.









Item No.	Location	Description/Correction	Image	Action
7	Area A Retaining Wall	Thus far no corrections have been made on the concrete including gaps in the concrete at the brick, a cold joint in the wall and removal of fins.		When crews are available, make corrections to the wall.
8	Area A – Gym Lobby Stair Bench	New wood was installed. It looked much better than the original installation. There were a few places where the unstained sides and ends of the boards were visible.		Stain unstained ends and edges of boards.
9	Area A – Gym Lobby Stair Bench	Overall the bench joints were tighter than the first attempt. The enclosures for the sprinkler piping were complete and painted.		Continue to monitor wood bench for warpage and distortion. Be prepared to make corrections as needed.

Item No.	Location	Description/Correction	Image	Action
10	Area A – Gym Lobby Stair	The paint at the junction with the terrazzo is not even.		Correct paint at junctures with the terrazzo creating straight lines.
11	Area A – Gym Lobby Stair Bench	The stair and terrazzo flooring work has left cementitious residue on many of the surrounding surfaces.		Clean all residue off the stair parts, brick, accessories and the terrazzo itself.
12	Area C Lower Bleachers	The intermediate risers on the lower level were too high to provide a uniform height in relation to the platforms for the benches.		All intermediate risers on the lower level were replaced.




Item No.	Location	Description/Correction	Image	Action
13	Area C Lower Bleachers	The intermediate risers were being fastened into place.		Verify that all new risers are firmly attached.
14	Area A Toilets	There is still cementitious residue from the tile installation on the floor and wall tile. The joints were recently reworked. Cliff reported that John Stith did not approve the repairs.		Clean all residue off the tile. Make repairs to the floor tile grout joints so they are uniform in color.
15	Area C – Gym Mezzanine Support Columns	Pads had been installed on the columns as specified.		Verify that repairs to fire proofing are complete especially above the pads.









Item No.	Location	Description/Correction	Image	Action
16	Area A – Mechanical Room	Fireproofing materials had not been repled to structural steel where they were removed.		Inspect all fire proofing and restore to the specified thicknesses.
17	Area B Classroom Chase Wall	Wallboard had been hung on the chase wall extension.		Refer to the ASI concerning modifications to the chase wall to ensure that the fire ratings have been achieved.
18	Area B Stair B Second Floor	The concrete block chase wall was extended near the floor deck above.		Refer to the ASI concerning modifications to the chase wall to ensure that the fire ratings have been achieved including sealing the chase to the deck.

Item No.	Location	Description/Correction	Image	Action
19	Area B LMC Exterior	Spray foam insulation had been applied to the concrete block.		Install brick and metal panels as soon as possible to protect the insulation.
20	Area F South Exterior Wall	Concrete block had been laid to the top of the parapet at roof level.		Install the roofing system over the area as soon as possible to dry it in.
21	Area F – Main Entrance	With all the materials including concrete and steel structural elements still needing to be placed in the building in this area, it will be the last area to be completed.		Install exterior finishes as soon as possible to enclose the building.







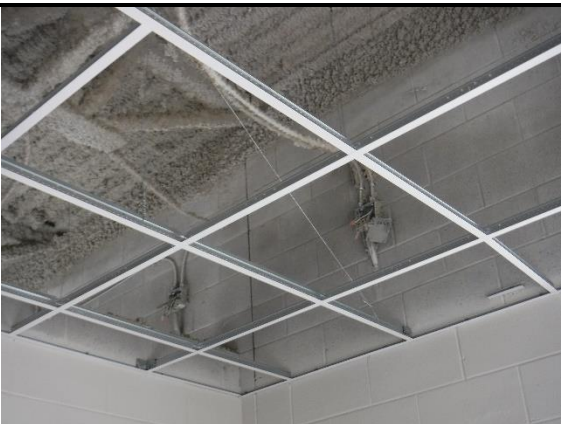

Item No.	Location	Description/Correction	Image	Action
22	Area F Main Entrance	The steel structure for the platform over Area F was in place.		Cover the framing with exterior finish materials to prevent water from flooding the First and Second Floors. Pour the platform slabs as soon as possible.
23	Area F First Floor Admin Area	Metal studs had been installed for the wallboard walls in the admin area.		Install steel studs with the specified slip track detail at the deck.
24	Area E Kitchen	Roof deck was over the area. Rough ins were being installed.		Due to the length of time for rough ins and equipment installations, concentrate efforts on this area.




Item No.	Location	Description/Correction	Image	Action
25	Area E Commons	The social stair was being laid out. This is a large space with many finishes and details.		Pour the concrete slab as soon as possible with this being the last of the concrete pours for the project.
26	Area E Social Stair	The floor changes height at the social stair. This is also the main path to get materials into the Commons area.		Plan for the flow of materials as the social stair is being constructed.
27	Area E Multipurpose Area	The bulk of the structure is in place in this area with the finishes to be installed.		Complete the roof system and the enclosure of the building in this area, so finishes can be installed.

Item No.	Location	Description/Correction	Image	Action
28	Area E Multipurpose Area	Hollow metal door frames had been moved from the parking lot into the more or less dry area.		Repair frames that were damaged in shipping and handling before they are installed in walls.
29	Area F Second Floor And Platform Above	The steel framing for the platform and the connecting roof structure was being completed.		Roof the area as soon as possible to allow for work below.
30	Area E Loading Dock	The loading dock at the kitchen will be completed in Phase 2. The grade will be cut down so dock height can be achieved.		Prepare the area for Phase 2 work to take over.






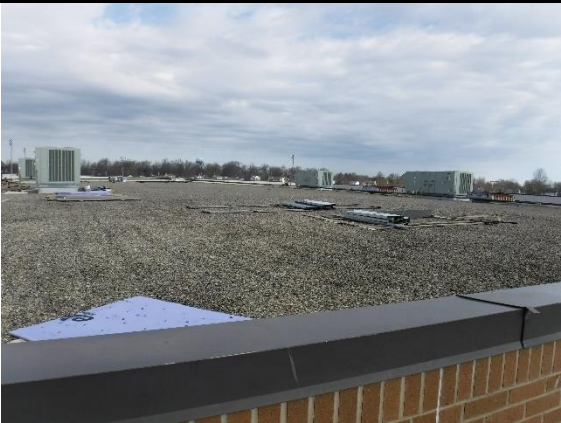


Item No.	Location	Description/Correction	Image	Action
31	Area F at Existing Building South Side	Concrete block had been laid up to the face of where Phase 2 will take over.		Coordinate joints with the existing building that are required in Phase 1.
32	Area F Second Floor Art Classroom	There is a steel pour stop along the edge of this slab that will be in the center of the room after the Phase 2 work is complete.		Grind the pour stop to be level with the slab.
33	Area B LMC	The concrete slabs were poured. Steel studs were being installed at the second floor classrooms that look down into the LMC.		Install the roofing system over this area to dry it in for finish work.

Item No.	Location	Description/Correction	Image	Action
34	Area B Classrooms	Corrections were being made to the hanger wires as noted in the above ceiling punch list. Wire were being hung with 4 tight turns and additional wires were being hung where required.		Continue to follow the specification, the mfgs. Instructions and the guide spec for the installation of the ceiling suspension system.
35	Area B Classrooms	Additional hanger wire are required at the perimeters of ceilings to meet the seismic requirements.		Add wires per the spec.
36	Area E Roof	Roof deck was yet to be covered with the roofing system. Exterior walls were yet to be coved with metal panels.		Complete roofing systems and siding to enclose the building so finishes can be installed.

Item No.	Location	Description/Correction	Image	Action
37	Area B – Platform Exterior	Metal siding will be installed around the top of the gym walls above the new roof areas. A great deal of roofing and siding work remains in this area. The gym roof is speced to be restored.		Plan roofing and siding operations for completion by the scheduled date.
38	Area E – North Roof	All of Area E and F including the built-up roofing system and the metal siding and roofing system over the platform are yet to be done.		Plan roofing and siding operations for completion by the scheduled date.
39	Area B LMC Roof.	The roof over the LMC is on two levels. The wall system between these levels needs to be completed before the roofing.		Install exterior wall materials and install the roofing system on the low roof.



Item No.	Location	Description/Correction	Image	Action
40	Area B LMC Roof	The vapor barrier was installed on the high roof.		Use vapor barriers to dry in interior spaces as soon as possible.
41	Exterior Hollow Metal Doors Typical	Sealed top edge closures are required at all hollow metal doors.		Seal top edges of exterior doors to prevent water penetration.
42	Area B Roof	Roofs installed over parts of Area B still require the gravel coating.		Install gravel coating and complete other components of roofing systems.

Item No.	Location	Description/Correction	Image	Action
43	Area C Gym Roof	The entire gym roof is scheduled to be restored. The parapet walls will be raised and new copings applied.		Plan roofing operations for the restoration of the gym roof.
44	Area C Gym Roof at Platform	Other than the tie into the restored gym roof, the siding is in place.		Coordinate tie into the restored gym roofing system.
45	Area B Roof	Sheet metal copings and gravel are yet to be installed on the Area B roofs.		Install gravel coating and complete other components of roofing systems.

**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