



FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 8/2 and 3/2023

Time: 10:30 AM ET

Weather: 75/ Cloudy

Observed by: Joseph Jones, AIA

Report No: 44

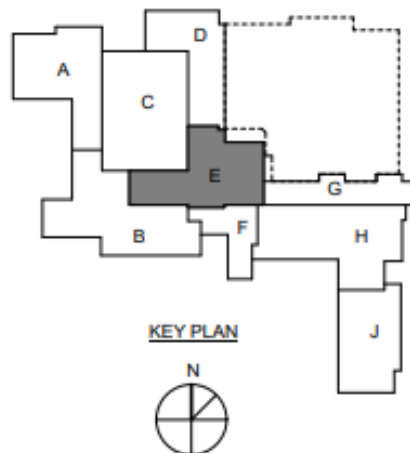
Estimated Completion: 58%

Present on Site:

Cliff Rich, Alliance (General Trades), Stewart-Richey (Metals), AES (Electrical), Irwin Seating (Bleachers), Martin Flooring (Gym Flooring).

Work in Progress




- a. Temporary fencing was being installed to separate students from the construction site.
- b. Alliance was pouring concrete sidewalks around the utility building.
- c. Iron workers were installing railings, ladders and stairs.
- d. HVAC installers were installing rough-ins.
- e. Electricians were installing rough-ins.
- f. Bleachers were being installed in the Main Gym.
- g. Flooring installers were finishing the wood gym flooring in the Auxiliary Gym.
- h. The gym flooring installer was removing the existing floor in the Main Gym.
- i. Please note: Some images were taken during a visit on 8-3-23.



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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	Site to West of Area A Exterior Auxiliary Gym.	Base course of asphalt paving was installed in the bus loop. Temporary fencing was being extended to separate student access from the construction area.		Complete temporary fence separating student access from construction area.
2	Areas A and B Exterior Auxiliary Gym and Gym Lobby.	Sheet metal trim was being completed on the Auxiliary Gym.		Seal joints to be water - proof.
3	Area A Canopies over Auxiliary Gym Windows.	The canopies were installed but the scuppers were not cut in.		Complete canopy drainage work.




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4	Area A Stone at Gym Entry.	The steel downspout boot was positioned to miss the light fixture which put is outside the edge of the canopy. The downspout will have to jog at the top to connect to the canopy.		Make offset in downspout.
5	Area A Gym Lobby.	The wood flooring was installed over the concrete base for the bench. The glass railing was mostly complete. The terrazzo was not installed due to high moisture in the slab.		Monitor slab moisture levels and report when it is acceptable.
6	Area A Gym Lobby.	Most of the finish materials were in place.		Protect finishes from construction activities.



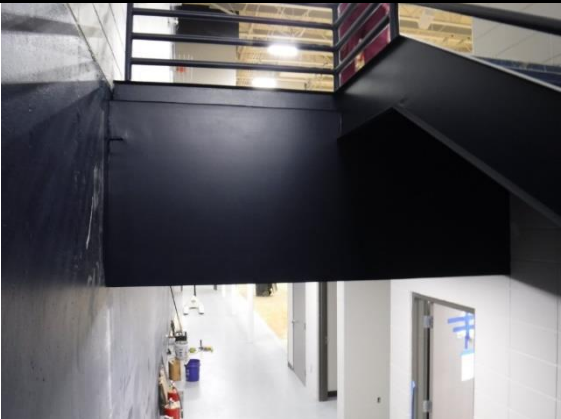
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Item No.	Location	Description/Correction	Image	Action
7	Area A Gym Lobby.	The doors to the gym were installed but some of the hardware was missing.		Complete hardware installation before students occupy the area.
8	Area A Gym Lobby.	The defibrillator cabinet will be recessed in the west face of the brick pier.		Install cabinet to be flush with face of brick.
9	Area C Main Gym.	The last of the bleachers were being installed on the north side of the gym mezzanine.		Test all bleachers for proper operation. Conduct training for the school staff.




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Item No.	Location	Description/Correction	Image	Action
10	Area C Main Gym.	The aluminum railing and gates were installed around the mezzanine.		Complete gate installation including latches.
11	Area C Main Gym.	The stainless steel handrails had been installed on the stairs to the mezzanine.		Protect railings during construction . Clean dust off the walls.
12	Area C Main Gym.	The bulkheads at the mezzanine stairs were installed.		Clean dust off paint.




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Item No.	Location	Description/Correction	Image	Action
13	Area C Main Gym.	Rubber treads were being installed on the stairs to the mezzanine.		Clean steps and landings after installation.
14	Area C Main Gym Locker Rooms.	The basketball lockers were placed in the area. John said that these will be adjusted to provide room at the corners for two players to get to their lockers.		Revise lockers as directed.
15	Area C Locker Rooms - Toilets	The rooms are mostly complete.		Install all specified accessories.




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16	Area C – Main Gym	The maple flooring was being removed.		Protect finishes, doors and frames as the flooring is removed.
17	Area C - Main Gym.	With the bleachers open, the exhaust ducts are accessible to the public.		Seal duct to wall to prevent access to the wall cavity.
18	Area A – North End of Sub Level Corridor	A floor-to-floor fire resistant joint detail is required at the curtainwall. It was confirmed with Bennet's that the insulation was not installed as detailed.		Remove wall board and install mineral fiber insulation as detailed.




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19	Area A Sub Level Corridor	The glass doors for the trophy cases were not installed.		Remove shelf supports until the doors are installed.
20	Area A – PLTW Room - Polished Concrete.	The room was polished. The floor is uneven in color and aggregate patterns. Cracking of the concrete is visible.		Propose a fix to make the slab uniform in appearance.
21	Area A – PLTW Room – Electrical Floor boxes.	The opening around the floor boxes is ragged.		Repair concrete to provide a uniform appearance.

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Item No.	Location	Description/Correction	Image	Action
22	Area A – Auxiliary Gym.	The blue paint caused the finish to bubble. The places where the bubbling occurred were sanded and new paint was applied.		Confirm that there is no bubbling of the finish.
23	Area A- Corridors at Bench.	Bare plywood was showing above the base.		Paint the plywood to match the base.
24	Area A – Gym Level Corridor.	Sealer was applied to the ground faced block.		Reapply sealer where the finish is uneven.

Item No.	Location	Description/Correction	Image	Action
25	Area A – Mech. Room Doors and Frames	The doors have a label for a fire resistant rating but the frames do not.		Have the frames inspected, certified and labelled.
26	Area B and E – Cafeteria - Second Level.	Exposed ductwork will be suspended from the cafeteria ceiling.		Coordinate ductwork with the basketball goal standards.
27	South Parking Area.	Mike Billings reported that the City Water Co. would be reinstalling the water line because the existing line was too shallow after the lot was graded.		Coordinate the utility work with the parking lot grading.

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Item No.	Location	Description/Correction	Image	Action
28	Area B – Sloped Floor.	An ASI will be issued to add a fire barrier between the sloped floor and the curtainwall.		Follow the directions of the ASI.
29	Area A - Exterior.	Check sills and flashings at the west elevation to make sure that rainwater will not streak the facade of the building.		Take corrective actions to prevent water from streaking on the brick.
30	View to Utility Building Area.	Concrete walks were being poured around the Utility Building.		Protect concrete from construction activities.

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.

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- 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