



FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 12/07/2023

Time: 9:00 AM ET

Weather: 50/ Partly Cloudy

Observed by: Joseph Jones, AIA

Report No: 50

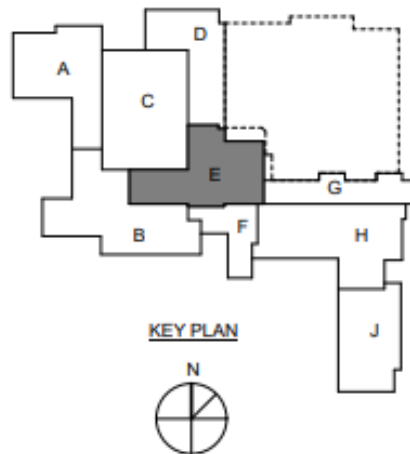
Estimated Completion: 76%

Present on Site:

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

Work in Progress




- a. Alliance was working on foundations in Area E for the social stair.
- b. Carmicle was laying block in Area B at the LMC and Area F at the administrative area.
- c. Bennet's was installing wall board in Area B.
- d. Bastin was painting in Area A and B.
- e. Stewart-Richey Structural was installing the roof deck over the LMC.
- f. AES was installing rough-ins Area B and F including floor boxes in the LMC.



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	Areas A and B	Area B was being clad with metal panels at the classroom are and the LMC was being enclosed with concrete block.		Continue to install siding and trim so that the area is completely enclosed and weather tight.
2	Area B – Classrooms and the LMC	Flat metal panels were installed around the windows.		Complete the metal panels and trim so that Area B is completely enclosed.
3	Area B - LMC	Masons were laying block to infill the steel frame.		Refer to the SPIN report for grouting and reinforced walls.




JRA Architects




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




Item No.	Location	Description/Correction	Image	Action
4	Area B – LMC Roof	Erectors were fastening the metal roof deck to the steel frame.		Refer to the SPIN report for the attachment of the deck.
5	Area B - LMC.	Masons were laying concrete block between the steel frame. The open areas are for windows.		Refer to the SPIN report for reinforced masonry.
6	Area F.	The administrative area was being formed with concrete block walls.		Use cold weather precautions when laying masonry in winter conditions.


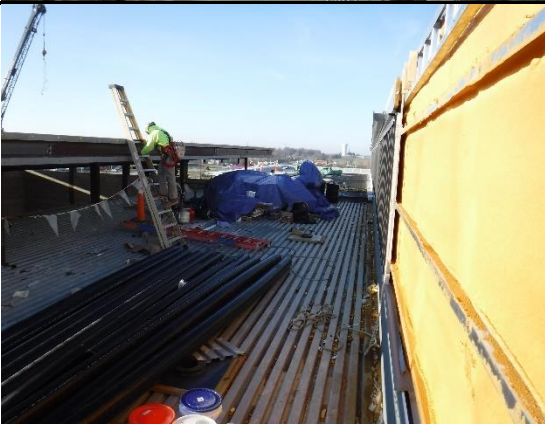

Item No.	Location	Description/Correction	Image	Action
7	Area F – Main Entrance.	The main entrance will be located along the path into Area E. All construction materials for Area E must pass through this opening.		Continue to push the work in this area so that the building is fully enclosed as quickly as possible.
8	Area B - LMC.	The LMC was being enclosed with concrete block. The roof structure overhangs the area.		Refer to the SPIN report for reinforced masonry.
9	Area F.	A loose lintel was laying in the mud.		All steel components must be cleaned before installing in the building.




Item No.	Location	Description/Correction	Image	Action
10	Area F.	Masons were laying concrete block walls in the administrative area.		Follow cold weather precautions when laying masonry in winter conditions.
11	Area B, LMC	Electricians were placing conduits and floor boxes ahead of the slab pour.		Install floor boxes so the tops are level with the floor.
12	Area B, Cafeteria	The concrete crew was pouring footings for the social stair.		Coordinate social stair dimensions to meet the specified layout.




Item No.	Location	Description/Correction	Image	Action
13	Area B, First Level.	Materials were stored along the east-west corridor. The cafeteria is to the right and the LMC to the left.		Keep stored materials in neat piles and protect from damage.
14	Area B, First Level.	Drywallers were installing wallboard at ceiling soffits.		Do not finish wallboard until area is temperature controlled.
15	Area B, First Level.	Some wallboard was already installed for the soffits.		Do not finish wallboard until area is temperature controlled.




Item No.	Location	Description/Correction	Image	Action
16	Area B, North-South Corridor	The connecting corridor leading to Area A was progressing now that the area is dried in to allow finishes to be installed.		Protect walls and door frames from construction traffic damage.
17	Area B, Classroom.	Excess fire resistant material was laying on the floor.		Clean rooms ahead of finish work.
18	Area B North-South Corridor, Second Level.	Rigid insulation board was placed at the opening to enclose the area.		Seal all openings so that heat can be applied to areas where finishes are being installed.




Item No.	Location	Description/Correction	Image	Action
19	Area B – Classroom at Chase.	Storm and waste piping will be located in a wallboard chase.		Install piping in a wallboard chase.
20	Area B – LMC from the Second Level.	Preparation for the slab pour was progressing on the first level below.		Install vapor barrier under the slab area. Seal all edges at walls and penetrations.
21	Area B – Looking into Area E.	Steel framing, roof deck, roofing, precast concrete planks and concrete block will need to be installed in this area.		Coordinate work to meet the dimensions indicated.




Item No.	Location	Description/Correction	Image	Action
22	Area B Platform.	Mechanical units were installed and connected to hydronic lines and electrical circuits.		Refer to the mechanical field report.
23	Area B Roof over the LMC	The metal deck was being fastened to the steel frame.		Limit foot traffic on the roofing system after it is installed.
24	Area B and E, Second Platform, Roof Level.	Concrete was being poured into the forms for the footings for the social stair.		Refer to the mechanical field report concerning equipment on the platform exposed to the weather.




Item No.	Location	Description/Correction	Image	Action
25	Area E, Cafeteria Roof.	Materials were stockpiled on the roof membrane.		Continue to store material on membrane by placing it on dunnage or insulation boards.
26	Area B, Roof.	Materials were stockpiled on the roof membrane.		Continue to store material on membrane by placing it on dunnage or insulation boards.
27	Area A and B - Platform	Excess materials were laying on the floor.		Clean all excess material, trash and dirt from the platform ASAP.




Item No.	Location	Description/Correction	Image	Action
28	Area A, Platform	The split system unit was being used as a work table.		Refer to the mechanical report. Do not use the owner's equipment for tables and platforms for construction.
29	Area A, Mechanical Room Door.	The fire-rated doors were propped open. This is a violation of the fire code for a building occupied by the owner.		Keep fire rated doors in occupied areas, closed at all times.
30	Area A, Second Floor.	The terrazzo flooring was nearing completion. Dust from the installation was on the railings, brick and other materials surrounding the floor.		Clean all surfaces affected by the dust from the terrazzo grinding operations.




Item No.	Location	Description/Correction	Image	Action
31	Area A at the Gym Level, Student Toilets.	Toilet partitions and fixtures were installed. The walls, floors, partitions, accessories and fixtures were not clean.		Completely clean all surfaces.
32	Area A at the Gym Level, Student Toilets – Accessible Stall.	Toilet fixtures, partitions, and accessories must be installed to meet the dimensional requirements of the ADA.		Refer to Sheet G-103. Relocate fixtures and accessories that do not comply with the specified dimensions.
33	Area A at the Gym Level, Student Toilets – Wall Lavatories.	Toilet fixtures, partitions, and accessories must be installed to meet the dimensional requirements of the ADA.		Refer to Sheet G-103. Relocate fixtures and accessories that do not comply with the specified dimensions



Item No.	Location	Description/Correction	Image	Action
34	Area A at the Gym Level, Student Toilets – Accessible Water Closet	On Sheet G-103 the centerline of the water closet is indicated to be 17" off the partition. The ADA allows the WC to be installed 16" to 18" from the partition.		Install all WCs to meet the dimensional requirements indicated on Sheet G-103.
35	Area A at the Gym Level, Student Toilets – Accessible Water Closet	On Sheet G-103 the centerline of the water closet is indicated to be 17" off the partition. The ADA allows the WC to be installed 16" to 18" from the partition.		Install all WCs to meet the dimensional requirements indicated on Sheet G-103.
36	Area A at the Gym Level, Student Toilets – Accessible Water Closet	This WC exceeds the dimension allowed by the ADA between the centerline and the partition.		Install all WCs to meet the dimensional requirements indicated on Sheet G-103. This WC exceeds the allowable dimensions by the ADA and must be relocated.

Item No.	Location	Description/Correction	Image	Action
37	Area A at the Gym Level, Student Toilets – Hand Dryer	Sheet G-103 indicates that The centerline of the hand dryer shall be 48" above finish floor.		Verify that all hand dryers meet the required dimension.
38	Area A at the Gym Level, Student Toilets – Accessible Urinal	Sheet G-103 indicates that the lip of the urinal at the front edge shall not exceed 17" above finish floor.		Relocate urinals that do not meet the required dimensions indicated on sheet G-103.
39	Area A at the Gym Level, Student Toilets – Lavatory	Sheet G-103 indicates that the front edge of the lavatory shall not exceed 34" above the finished floor.		Verify that all requirements for lavatory dimensions indicated on Sheet G-103 are met.

Item No.	Location	Description/Correction	Image	Action
40	Area A at the Gym Level, Student Toilets – Accessible Stall - Grabbars	Sheet G-103 indicates that the centerline of the grabbars shall be 35" AFF.		Relocate grabbars to meet the dimensional requirements indicated on Sheet G-103.
41	Area A at the Gym Level, Student Toilets – Accessible Stall.	The latch was installed so that the rubber bumper does not engage the latch causing a metal to metal sound.		Reinstall latch so that the rubber bumper hits the latch.
42	Area A – Gym Lobby – Electric Water Cooler.	Sheet G-103 indicates that the top of the spout shall be 36" AFF.		Install at EWCs to meet the dimensional requirements on Sheet G-103.

Item No.	Location	Description/Correction	Image	Action
43	Area A at the Gym Level, Student Toilets – Base Condition	The terrazzo base was not installed.		Install terrazzo base to close to the ceramic base. Cover the raw edges. Caulk the gap at the bullnose block.
44	Area A at the Gym Lobby – Brick Pier	The brick was covered with dust from the grinding operation for the terrazzo flooring.		Clean terrazzo dust off brick and other wall materials.
45	Area A – Gym Level – Doors to Area C – Main Gym.	These doors were properly held open by magnetic hold open devices.		Check all doors that do not have hold opens to make sure that they remain close.

Item No.	Location	Description/Correction	Image	Action
46	Area A at the Gym Level – Gym Lobby Floor	The dividers in the terrazzo flooring were installed at odd angles creating a displeasing appearance for the floor.		Propose a solution for the improper divider strip installation.
47	Area B – Intumescent Coating on Steel Column.	The coating was not uniform.		Fill and sand the coating surface to make it uniform.
48	Area B – Stair B Soffit Framing.	The framing and wallboard will show through the exterior windows.		Black out framing and the back of wall board within the soffit.

Item No.	Location	Description/Correction	Image	Action
49	Area B – West End of Corridor.	The steel tube beam was too long to be concealed in the block wall.		Cut the tube steel back and install block so that the hole is not visible.
50	Area A – North Entry.	The limestone was heavily stained by runoff from above.		Clean the stone to be uniform in appearance.

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