



## FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 -CA8

Date: 4/14/2022

Time: 9:00 AM ET

Weather: 50/ Sunny

Observed by: Joseph Jones, AIA

Report No: 12

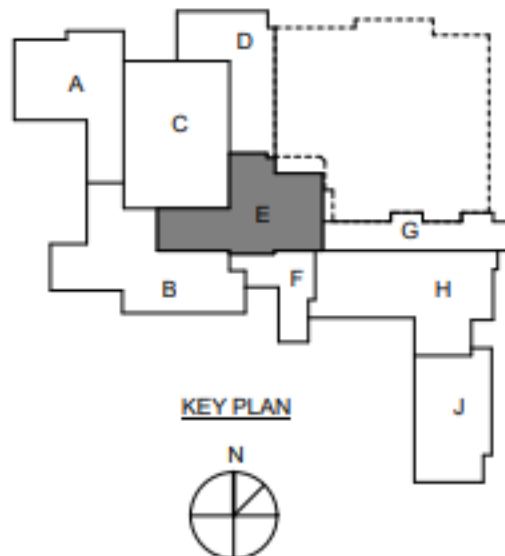
Est. Completion: 12%

### Present on Site:

John Stith, Joe Stuecker, Brandon Akers, Billy Parson, Gerald Jones, Alliance (Demolition, Concrete and Helical Piles), Carmicle (Masonry), Stewart-Richey (Drilling, HVAC and Plumbing), AES (Electrical)

### Work in Progress




- a. Alliance was removing the bleachers from the gym.
- b. Alliance was placing steel reinforcement for the gym level footing in Area B south of the gym wall.
- c. The helical pile contractor was installing piles in west side of Area B for the gym level.
- d. Masons were laying block in Areas A and B.
- e. Drillers were continuing to drill and install piping in the geothermal wells.
- f. Plumbers were preparing to install sewer lines in Areas E and F.
- g. Electricians were installing conduits and boxes in block walls in Areas A and B as they were being laid.



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## General Observations

Item No.	Location	Description/Correction	Image	Action
1	Well Field	Brandon reported that plans are being made to bring a new drilling contractor on site to take over the drilling of wells and placement of geothermal piping.		Report on the change in sub-contractor.
2	Existing Ticket Booth	The block walls of the ticket booth had been cleaned. The straw placed on the ground for the new seed is too dense to allow grass to grow.		Spread out the straw mulch so that grass can sprout.
3	Area A	Block was being laid at the upper lift for the auxiliary gym.		None




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Item No.	Location	Description/Correction	Image	Action
4	North of the existing building	Underground utilities were being installed in the area north of the existing agricultural shop.		None
5	Area A	A portion of the exterior walls for the auxiliary gym have been left out to allow a crane to enter the area to erect structure for second floor of the area between the existing gym and the auxiliary gym.		None
6	Area A	The ground faced block and regular block along north-south corridor in Area A on the gym level has been laid. The second-floor level will be placed on it.		None

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Item No.	Location	Description/Correction	Image	Action
7	Area A	Most of the hollow metal door frames have mortar setting on top the frame.		Remove mortar without damaging the frames.
8	Area A	The ground faced block had been covered when the regular block was laid above it. As a result, the ground faced block is clean.		Continue to protect block so it stays clean and not damaged.
9	Area A	In general, blockwork is being laid in plane and with uniform joints. Chipping is at a minimum. The block is clean.		None

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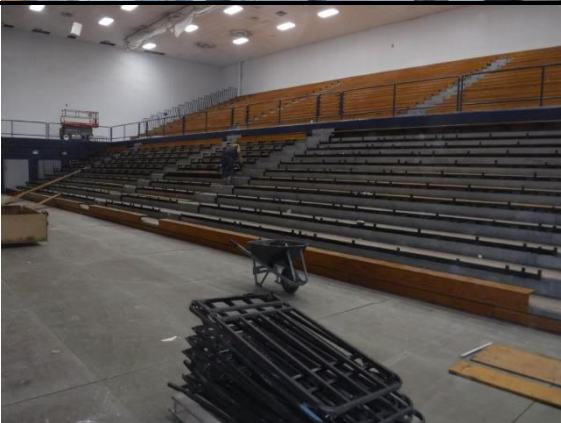
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Item No.	Location	Description/Correction	Image	Action
10	Area A	Structural steel for the gym level has been erected. Steel to receive spray fireproofing is not primed and showing a normal amount of surface rust.		None
11	Area A	Rooms on the gym level are being defined by enclosing walls.		None
12	Area A	Structural steel beams and lintels have been placed on top of the block. Refer to the SPIN reports for the connections of steel to the block.		None




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Item No.	Location	Description/Correction	Image	Action
13	Area A	The steel header for the second-floor opening is in place with the support for the grand stair projecting above the lobby.		None.
14	Area A	Some steel floor deck was placed on steel framing.		None
15	Area C Gym	The bleachers were being removed, piece by piece. Once the bleachers are removed, the other contractors can begin demolition of the ceilings and mechanical/electrical work above.		None

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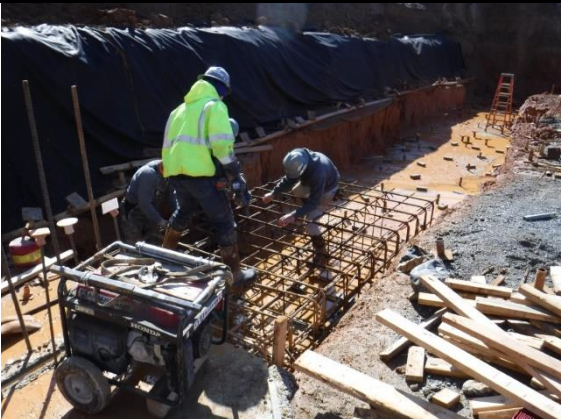
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Item No.	Location	Description/Correction	Image	Action
16	Area A	As the wood boards from the bleachers were removed, they were bundled for shipment off site.		None
17	Area C Gym	As materials such as these light fixtures were removed, they were placed in neat stacks ready for removal from the building.		None
18	Area C Gym	Lay-in ceilings, light fixtures, conduits, ductwork, diffusers, and plumbing piping had already been removed from the rooms under the bleachers.		None

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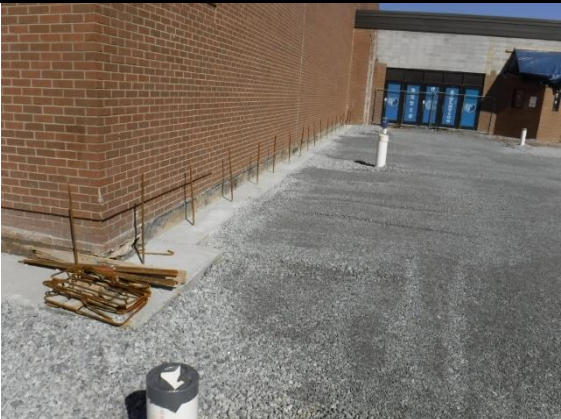


Item No.	Location	Description/Correction	Image	Action
19	Area C Gym	It has been discovered that some of the electrical panels in Area C serve areas outside of the renovation. STW is working with AES to resolve these issues.	 A photograph showing two open electrical panels mounted on a wall. The wall is white with a blue baseboard. A yellow cable is visible on the left panel. The right panel shows internal wiring and components.	Respond to the RFI.
20	Area B	Masons were laying block in the ROTC area on the gym level.	 A photograph showing a construction site with scaffolding. A worker in a blue hard hat and safety vest is standing on the scaffolding, working on a wall. A concrete mixer truck is visible in the background.	None
21	Area B	Alliance was placing steel reinforcement over helical piles for the footings for the foundation walls to the south of the existing building.	 A photograph showing a construction site with a large area of steel reinforcement being laid out. A worker in a yellow safety vest is visible. A generator is in the foreground, and a large black tarp is in the background.	None

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Item No.	Location	Description/Correction	Image	Action
22	Area B	Helical piles were being placed for the footings. Refer to the SPIN reports for testing and approval of this work.		None
23	Area B and E	The foundation wall has been installed along the south gym wall. The storm and sanitary sewers have been installed and the excavation has been backfilled.		None
24	Area E	The foundation wall has been installed along the east gym wall. The storm and sanitary sewers have been installed and the excavation has been backfilled.		None




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Item No.	Location	Description/Correction	Image	Action
25	Areas E and F	The plumbers will be installing underground sewer piping in these areas.		None
26	Site	Materials continue to arrive on site including structural steel, steel joists, masonry and mechanical, plumbing and electrical materials.		None
27	Mock Wall	The mock wall will include a typical window and the other exterior finish materials.		None

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Item No.	Location	Description/Correction	Image	Action
28	Mock Wall	Work is progressing on the mock wall. The block and stud structure are in place. Next, exterior finishes will be applied to the structure.		None
29	Site	Hollow metal door frames are stored on site. With the rains occurring at the site, there are some signs of rusting. This needs to be removed and the frames reprimed.		Touch up rusty areas on hollow metal frames.
30	Site	Considering the amount of construction taking place, the amount of stored materials and the size of the work area, the site is very clean and the work is well planned.		None

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**2. Stored Material:**

- a. Storm and sanitary drainage structures and piping.
- b. Geothermal piping and connections.
- c. Water retention arched structures.
- d. Helical piles.
- e. Metal deck.
- f. Structural steel framing and joists.
- g. Steel reinforcement including prefabricated cages for foundations.
- h. CMU and accessories.
- i. Hollow metal door frames.
- j. Forms for foundation walls.
- k. Plumbing piping and materials.
- l. Sheet metal sleeves for HVAC ductwork.
- m. Electrical conduits, boxes, 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. Submit documentation of approvals received from City/State inspectors.
- d. Document the approvals for masonry sample panels and include them in the mock wall.
- e. Provide drilling and casing logs for geothermal wells.
- f. Submit written procedures for work in the existing building including work in the occupied areas.

Follow up by: Architect, ☐ Owner, ☒ MEP Engineer, Structural Engineer, ☐ Civil Engineer  
☒ Contractor, ☐ Other

Respectfully submitted,  
Joseph Jones, AIA  
JRA Architects

Cc: 2019111, CA8