



## FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 6/2/2022

Time: 10:00 AM ET

Weather: 70/ Cloudy

Observed by: Joseph Jones, AIA

Report No: 16

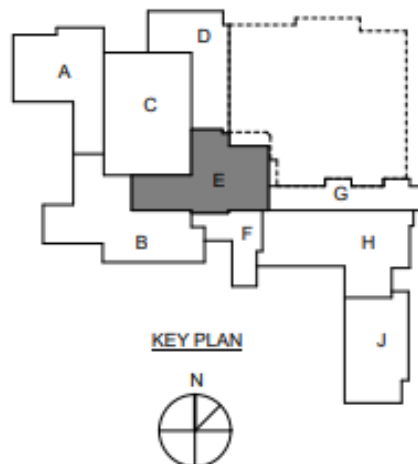
Est. Completion: 17%

### Present on Site:

John Stith – COO, Joe Stuecker, Gerald Jones, Rob Deal, Michael Warren, Mike Billings, Alliance (Demolition, Concrete and Helical Piles), Carmicle (Masonry), Stewart-Richey (HVAC, and Drillers), AES (Electrical), Landmark Sprinkler (Fire Protection)

### Work in Progress




- a. Alliance was completing demolition work in the gym.
- b. Alliance was tying reinforcing steel for the footings in Area B.
- c. The helical pile installers were placing piles for the footings in Area B.
- d. Masons were laying block on the second floor of Area A.
- e. HVAC installers were installing box outs for ducts as block walls were being laid. They were placing mechanical equipment in the mechanical room.
- f. Electricians were installing conduits and boxes in block walls in Area A as they were being laid.
- g. The fire protection crew was removing the existing system in the gym.
- h. **Special Note:** Concrete work and masonry grouting continues to be impacted by the region wide shortage of cement. The ready-mix supplier has been rationing concrete and grout to all contractors in the area including those on this project.



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## General Observations

Item No.	Location	Description/Correction	Image	Action
1	Geo-thermal Well Field	The new driller was on site and was drilling wells and placing steel pipe casings down to 105'. A crew will follow up to drill to the design depth and install the loop piping.		None
2	Student Parking Area	The southern portion of the parking lot had been stripped of the asphalt paving. The crushed stone will be removed next to prepare for the regrade.		None
3	Student Parking Area	The lot was stripped to the western side of the site.		None




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Item No.	Location	Description/Correction	Image	Action
4	Mockup Wall	Gypsum sheathing had been installed over the metal framing.		None
5	Mockup Wall	The initial cleaning of the brick had been done. Now that the brick has been cleaned, the blend from dark to light appeared to acceptable the Owners Reps and Architects reviewing it.		Final approval of the brick will occur after the entire mockup wall is complete.
6	Mockup Wall	The initial cleaning did not remove all the mortar on the face of the brick.		Remove all mortar from the face of the brick.

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Item No.	Location	Description/Correction	Image	Action
7	Mockup Wall	The flexible flashing had been cut at the face of the brick over the metal drip strip.		Cut the flexible flashings back from the face of the brick so the asphalt in the flashing does not bleed down the face of the brick.
8	Mockup Wall	The limestone will be reviewed when the granite is in place.		Install granite.
9	Mockup Wall	The wood blocking at the tops of the block walls is now visible.		None.

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Item No.	Location	Description/Correction	Image	Action
10	Area A	The block at the auxiliary gym is topped out except at the east side on the second floor and the northeast corner that was left out for crane access. The masons have had to move around due to the shortage of grout.		Refer to the response from BKSE for the proper placement of grout.
11	Area A	Concrete block was complete on the west and south sides of the auxiliary gym except at the southeast corner.		None
12	Area A	Concrete block was being topped out on the north side of the auxiliary gym.		None




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Item No.	Location	Description/Correction	Image	Action
13	Area A	Block walls were being laid above the second-floor level for the east side of the auxiliary gym.		None.
14	Area A	Due to the shortage of concrete, the floor slab for the auxiliary gym will probably be poured after the roof structure is place.		None
15	Area A	The elevator shaft was topped out.		None

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Item No.	Location	Description/Correction	Image	Action
16	Area A	Block walls above the second-floor forming the corridor and rooms in the area.		None
17	Area A	Block was being extended to the lobby area on the second floor.		None
18	Area A	Concrete block was being extended to the roof level.		None.

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Item No.	Location	Description/Correction	Image	Action
19	Area A and B	The next area for the masons to lay concrete block walls will be the south side of the lobby.		None
20	Area B	Steel reinforcing was being placed in footing excavations for concrete when it is available. Note: Felts were being used to keep footing excavations free from mud.		None.
21	Area B	Helical piles were in place for additional footings.		None

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Item No.	Location	Description/Correction	Image	Action
22	Area B	Helical piles were being installed. Refer to the SPIN report from Solid Ground for the status of the piles.		None
23	Area B	The steel reinforcement and forms were being placed for the south retaining wall for the area.		None
24	Area B	The retaining wall will be poured when concrete is available.		None




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Item No.	Location	Description/Correction	Image	Action
25	Area C - Gym	The bleachers have been removed from the north side of the upper level. The sprinkler contractor was removing existing piping.		None
26	Area C - Gym	The last of the wood from the bleachers was ready for removal.		None
27	Area C - Gym	Trenches have been cut on the south side of the gym lower level for plumbing.		None.

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Item No.	Location	Description/Correction	Image	Action
28	Area C - Gym	The ductile iron pipe is an existing roof leader that needs to be connected to the site storm line in the area.		Provide pricing to cut the pipe and extend it out the existing louvered opening in the training room.
29	Area C - Gym	When the roof leader is cut, the existing pipe needs to be resupported.		Follow the directions of the PR.
30	Site	The area outside the training room in the gym will be back filled. The storm piping will be routed through the louvered opening. A dryer vent also needs to be extended through the wall.		Follow the directions of the PR.

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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. HVAC equipment.
- 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. Submit written procedures for work in the existing building including work in the occupied areas.
- e. 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