



FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 - CA8

Date: 4/28/2022

Time: 1:30 PM ET

Weather: 70/ Sunny

Observed by: Joseph Jones, AIA

Report No: 13

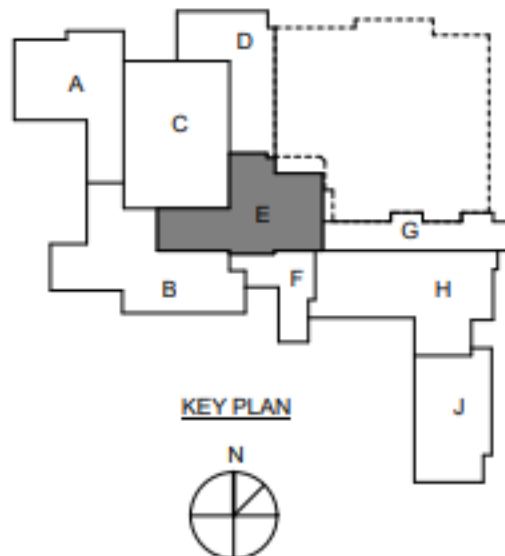
Est. Completion: 14%

Present on Site:

Billy Parson, Gerald Jones, Envision (Site), Alliance (Demolition, Concrete and Helical Piles), Carmicle (Masonry), Stewart-Richey (HVAC and Plumbing), AES (Electrical)

Work in Progress




- a. Envision was excavating and grading the new bus loading area at the northwest corner of the site.
- b. Alliance was removing concrete slabs and block walls from the gym.
- c. Alliance was wrecking forms for the gym level retaining wall in Area B south of the gym wall.
- d. The helical pile contractor was installing piles in west side of Area B for the gym level.
- e. Masons were laying block in the auxiliary gym.
- f. Plumbers were installing sewer lines in Areas E and F.
- g. Electricians were installing conduits and boxes in block walls in Area A as they were being laid.



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General Observations

Item No.	Location	Description/Correction	Image	Action
1	Well Field	The original well driller has moved his crew and equipment off the site. The well area has been graded and cleaned up in preparation for the new driller.		Process a N/C change order for changing the drilling sub-contractor.
2	Existing Ticket Booth	New grass is sprouting where the lawn was damaged. Materials were stored next to this area. This may result in more dead grass.		Restore lawn if damaged by stored materials.
3	New bus loading area.	Excavators were removing earth and compacting the sub-base for the extension of the new bus loading area.		None




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Item No.	Location	Description/Correction	Image	Action
4	Area A	The exterior block walls for the auxiliary gym were being laid.		None
5	Area A	The exterior block walls for the auxiliary gym are topped out on the south and southwest corner.		None
6	Area A	Masons were laying block on the north and northwest corner of the auxiliary gym.		None




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Item No.	Location	Description/Correction	Image	Action
7	Area A	For the most part, the block walls are being kept clean. There are some small areas where mortar and grout will need to be cleaned off the surface. Clean block walls are necessary to produce a uniform substrate for the paint finish.		Remove mortar and grout off block for a uniform surface on exposed block.
8	Area A	Block surface.		Continue to protect block so it stays clean and not damaged.
9	Area A	Block surface. Small areas with mortar on the face of block. Even small areas will show when painted.		Clean the mortar and grout off the block and mortar joints without damaging the texture of the block faces and the joints.




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Item No.	Location	Description/Correction	Image	Action
10	Area A and a portion of Area B	Precast concrete planks were set on the first level steel framing and concrete blocks walls.		None
11	Area A	The precast concrete planks form the structural soffit above the gym level.		None
12	Area A	Some of the rooms on the gym level are becoming enclosed now that the concrete planks are in place.		None




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Item No.	Location	Description/Correction	Image	Action
13	Area A	Some areas of the first-floor level are covered with structural steel floor decking in preparation for receiving the concrete slabs in this area.		None.
14	Area A	The Area A corridor is extended to the north end of the addition. A portion of the auxiliary gym wall on the north elevation will remain open until the structure is completed over the corridor area and adjoining rooms.		None
15	Area C Gym	The lower-level bleachers were removed. Gerald reported that the demolition work is going well and is ahead of schedule.		None




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Item No.	Location	Description/Correction	Image	Action
16	Area C Gym	Most of the suspended ceiling over the gym floor area had been removed.		None
17	Area C Gym	Demolition includes removal of the existing locker bases.		None
18	Area C Gym	Concrete block walls and plumbing piping are being removed.		None




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Item No.	Location	Description/Correction	Image	Action
19	Area C Gym	The ceilings, walls and floor slabs were affected by the demolition process.		None
20	Area B	The edges of the concrete planks were being prepared for grouting and pouring the concrete topping slabs.		None
21	Area B	Alliance was wrecking the forms from the concrete retaining wall where the gym level projects to the south. Once completed, this will allow the crushed stone fill to be brought to subgrade for the first level of Area B.		None




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Item No.	Location	Description/Correction	Image	Action
22	Area B	This is the area that will be filled with crushed stone to bring the area to subgrade for the first level of Area B.		None
23	Area B	The foundation wall along the south of Area B for the gym level will be placed on a concrete footing setting on helical piles which were being placed in the earth.		None
24	Area B	Helical piles were in place for the footing along the south wall of Area B at the gym level.		None



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Item No.	Location	Description/Correction	Image	Action
25	Areas E and F	The plumbers were installing under slab 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 spray insulation was being applied to the concrete block in preparation for the masonry veneer. John Stith requested that this work be accelerated so that final decisions about material selections can be made.		Accelerate completion of the mock wall.

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Item No.	Location	Description/Correction	Image	Action
28	Mock Wall	The materials for the mock wall are arriving on site, but the granite base course is delayed in shipping		Offer a method to lay the masonry now and then granite base course when it arrives.
29	Site	Despite the crowded conditions at the site, Gerald is requiring the contractors to keep the site as clean and neat as possible.		None

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.

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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