



FIELD OBSERVATION REPORT

Central Hardin High School, Cecilia, KY

2019111 -CA8

Date: 2/10/2022

Time: 10:30 AM ET

Weather: 45/ Sunny

Observed by: Joseph Jones, AIA

Report No: 8

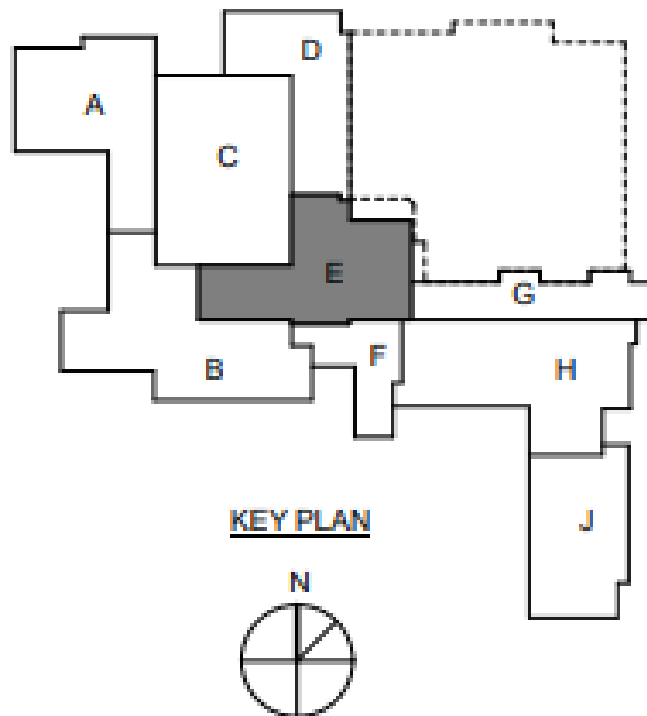
Est. Completion: 5%

Present on Site:




Billy Parson, Gerald Jones, Envision (Excavators), Alliance, Stewart-Richey (Plumbing)

Work in Progress

- Excavators were preparing the building pad for Areas B, E and F.
- Alliance was wrecking forms for the foundation wall to the south of Area C.
- Plumbers were placing gravel around under slab piping in Area A.






General Observations

Item No.	Location	Description/Correction	Image	Action
1	Well Field	Drilling progress is falling behind schedule. The driller is claiming differing conditions. This was discussed in a meeting on this date.		Address issues so progress can be made with the geothermal wells.
2	Well Field	Drillers are finding more water than anticipated. PVC casings are being used. A spec clarification is needed from STW on the casing.		STW to clarify casing requirement
3	Test Well	A test well was drilled just outside the well field area before bidding.		None




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Item No.	Location	Description/Correction	Image	Action
4	Southwest of Areas A and B	Masons had laid a portion of the high auxiliary gym wall.		None
5	Areas A	The CMU wall has steel reinforcement in place. Masons had grouted the wall and were waiting for the it to cure before proceeding with the next lift.		None
6	Area A	The north face of the wall will be exposed in the auxiliary gym. The masonry work done thus far appears to be satisfactory for an exposed interior wall.		None




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Item No.	Location	Description/Correction	Image	Action
7	Area A	Plumbers were using a skid steer to place gravel around under slab plumbing lines that they had laid.		Continue to have Multi-Vista document the location of under slab utilities.
8	Area A	Under slab plumbing piping serves public toilets for the new gym lobby.		None
9	Area A	Underground plumbing lines serves the concession area off the new gym lobby.		None




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Item No.	Location	Description/Correction	Image	Action
10	Areas A	Under slab plumbing lines for the toilets off the gym lobby.		None
11	Areas A and B	Looking from Area B to the north along the west wall of the existing gym.		None
12	Areas B and E	A concrete foundation wall had to extend down to the existing gym footing to carry the loads for the first floor of the addition in Areas B and E. This was done so additional loads were not imposed on the existing gym foundation wall.		None




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Item No.	Location	Description/Correction	Image	Action
13	Areas E	The louvers in the existing south gym wall will be removed and the opening filled with concrete.		Remove ductwork for exhaust through louvers. System gets reworked during the renovation.
14	Area E	The concrete crew was wrecking the forms for the foundation wall. When the wall is completed, backfill can be placed against it so the first-floor slab of the addition can extend to the existing gym wall.		None
15	Area B and E	Envision was placing and compacting the earth pad for the first-floor structure in Areas E, F and B.		None




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Item No.	Location	Description/Correction	Image	Action
16	Area B	Envision's excavator was removing earth for the lower level (gym floor level) of Area B.		None
17	Area A	Site and utility work was proceeding to the north of the existing gym and Area A. The end of the concrete retaining wall defines the northern extent of Area A.		None
18	Area A	North of the existing ag shop utilities are being run to serve the addition. Some of the raised bed planters had to be moved for this work.		None




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Item No.	Location	Description/Correction	Image	Action
19	Area A	Conduits for the electric feed to switchgear in the mechanical room for Area A had to be located to avoid the steel reinforcing in the concrete retaining wall. The wall was X-rayed to determine the locations of the steel reinforcing.		None
20	Areas E and F	The subgrade for the additions in Areas E and F has been graded and rolled with a sheep's foot roller for compaction. Although the soil was moist due to the weather, it was determined that it met specs.		Monitor moisture levels in fill to assure that it is in compliance with the spec. Refer to SPIN reports.
21	Area E	One of the means to dry the earth for compaction is to turn it over so it will dry. Once dry enough the earth can be placed in lifts and then compacted.		None



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Item No.	Location	Description/Correction	Image	Action
22	Area E	The site in front of the existing building has been brought to subgrade for the additions and in conformance with that needed to be level with the existing first floor slab.		None
23	Area E	The foundation wall for the addition must bear at the same level as the existing gym floor. The wall will be extended along the existing wall and then back filled to provide subgrade for the first-floor level.		None
24	Site	Drainage structures were stockpiled for the utility lines that will run along the north side of the site.		None

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Item No.	Location	Description/Correction	Image	Action
25	Site	Helical piles are stockpiled for area that will receive them such as the new foundation wall to the east of the existing gym foundation wall.		None
26	Site	Masonry materials are stockpiled for walls in Areas A and B.		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. Steel reinforcement including prefabricated cages for foundations.
- f. CMU and accessories.
- g. Hollow metal door frames.
- h. Forms for foundation walls.
- i. Plumbing piping and materials.
- j. 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. Lay the masonry sample panels and notify JRA when they are ready to view. Plan to construct the mock exterior wall for review and approval.
- e. Clarify spec for the casings in the geothermal wells.

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

Respectfully submitted,
Joseph Jones, AIA
JRA Architects

Cc: 2019111, CA8