



BULLITT COUNTY PUBLIC SCHOOLS
BOARD OF EDUCATION – MARCH 22, 2021

NEW OLD MILL ELEMENTARY SCHOOL – CONSTRUCTION UPDATE



Project Look Ahead from Redlee Construction | Week of: 3/22/2021

The rain has certainly impacted current progress. Not only on the days it has actually rained, but additionally, the days following the rain. Unfortunately, you can't temporarily rock the entire lower level to assist in the installation of the footers. However, with that said, there are some positives....

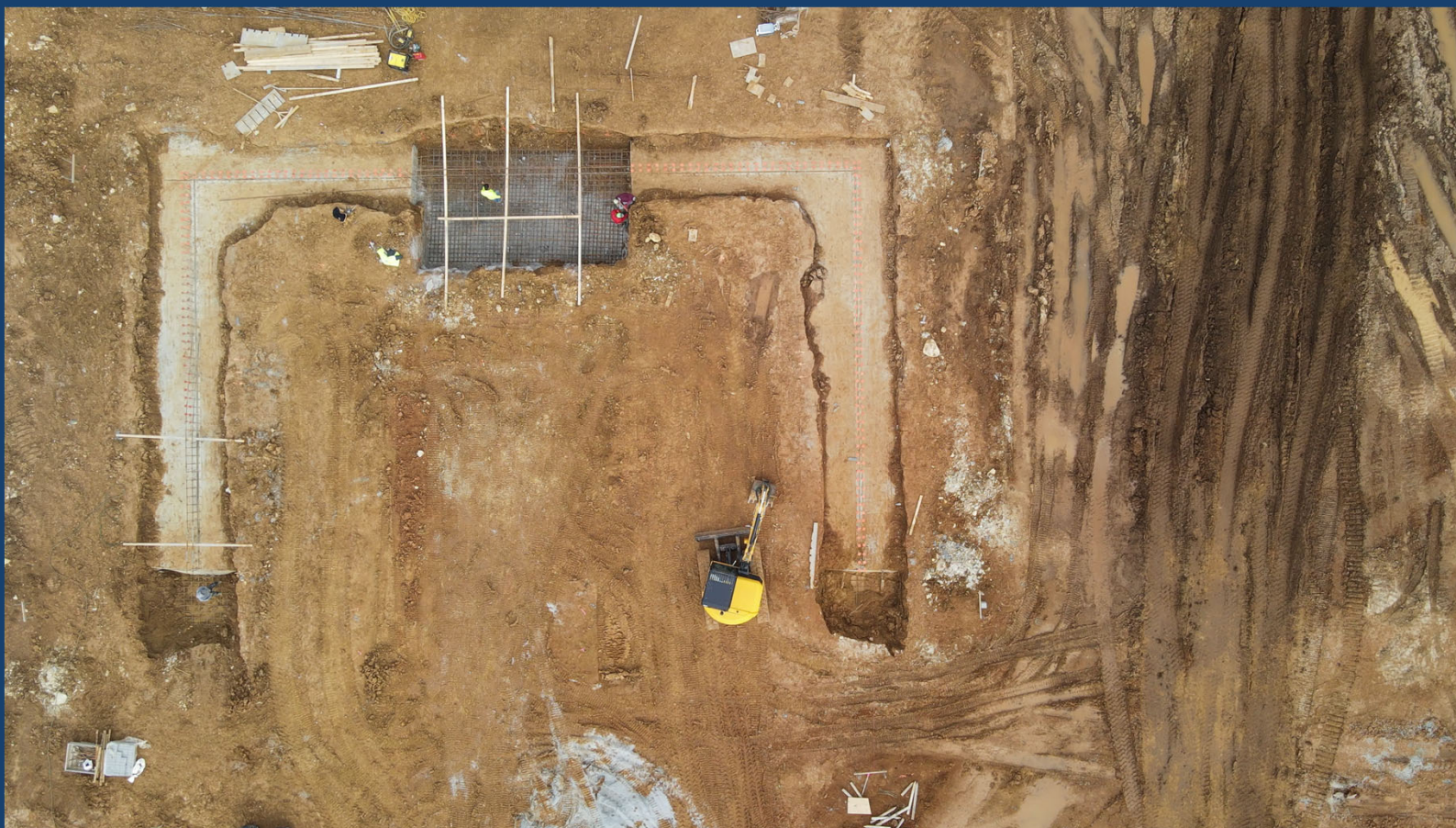
1. While it's too muddy for excavation, our crews have been able to fabricate all the rebar mats for Area D (footer reinforcing). This means when those footers are excavated, the mats are dropped into place, and verticals are then tied, saving time.
2. We're attempting to make use of every dry day possible. We worked over the weekend to be ready for another concrete foundation pour on Monday 3/22/21. Rock was encountered, a hoe-ram was utilized. The foundation was placed.
3. With more rain coming in the week ahead, leaving open excavated footings would simply result in the footings becoming unsuitable, which would be more costly for the Owner.
 - a. However, we are preparing for the 16'-4" wide footers for the retaining wall.
 - b. Without the retaining wall, the upper level cannot move forward (due to the required backfill after the wall is in place).
 - c. The footers are wider than most office spaces and protecting the sub-grad is imperative. With additional rain forecasted this week, we are watching Mother Nature closely. More than likely, we'll need to open the footers and move forward with the installation of the rebar, as the schedule cannot wait.
 - d. Once the foundation is excavated, a shear key is also excavated, then two layers of rebar mats, along with the rebar verticals are installed. Then the concrete foundation is placed. Again, we'll need to watch Mother Nature.
4. Depending on the rain, we anticipate excavating and placing Area D classroom footers this week and next.
5. Trademark (site Contractor) has been unable to continue with proof-rolls in the parking areas and upper pad due to the wet conditions. However, they are making good use of their time continuing with underground water piping up to the fire vault.
6. Fire Protection underground piping shall continue in the coming weeks.
7. Storm water piping and structures are complete.
8. The geothermal drilling is making great progress. They currently have two drills on-site.



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DRONE AERIAL FOOTAGE – BRET HIGHLEY – MARCH 22, 2021
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Use of the Soil Stabilization Allowance

ECS recommended the north and west parking lot areas be disked and aerated to address the soil pumping/rutting observed during the proof roll. This recommendation accounts for the undercut portion of the Allowance set aside for this work. As a result, Redlee asked SKA if a new unit price for this scope of work could be added to the project. SKA agreed to adding a Unit Price of \$11.50 per cubic yard for preparation of the soils.

- ECS estimated the remediation work is needed at an area approximately 180' long x 60' wide x 12" deep (Or 400 C.Y.) – see orange circled areas at 1,2,3 and 4. \$4,600 of the Allowance would be needed to disk and aerate the soil.
 - BCPS Construction gave a verbal approval to proceed with work as described.
- Once stone (DGA) is laid in the parking lot areas, the preparation will be such that Lime Stabilization is not required. Strategically, the Construction Team is thinking it would be wise to wait for dryer conditions to finish the parking lots and reserve soil stabilization for the Building Retaining Wall through the use of a mud mat which is a thin layer of concrete that allows work to continue even during moderate rain events.

