

Date : 02/10/2023
Project No : 2022C190
Client Company : DRH
Arrival Time : 02/10/2023 09:00
Onsite Hours : 02:00

ASEC Report ID : 57484
Name of the Project : Lakes at Statham
Project Location : Barrow County
Weather : Sunny
Departure Time : 02/10/2023 11:00
ASEC Technician Name : Ramchandra Mogulla

As requested by Matt Holder of DR Horton, the site was visited by the AS Engineering and Consulting (ASEC) representative noted above, for the purpose of verifying footings for Lots #72 thru #76. Visual observations and field testing of excavated footing bottom was performed to verify compliance with project drawing/specifications, applicable codes, and materials submittals. Russell Hendrix of ASEC performed preliminary footing investigation at these locations on the 9th of February 2023. The following observations were made on site this day.

Site Observations:

- Ground water was observed to have surfaced within the footing excavations towards the rear of the building pads of Lots #75 and #76.
- Low consistency material was observed in the zone about 2 to 3 feet below the bottom of the footing elevation at the front of Lots #72, 73, 74, 75 and 76. We suspect this area is within the trench backfill zone of a previously installed utility.
- The contractor was advised to install 1-foot by 1-foot piers approximately 3 foot deep and 5 feet apart in these areas. This should amount to no more than an average of 3 piers per lot.
- In addition, to tackle the groundwater concern, the contractor was advised to install a 1-foot-wide French drain approximately 2 feet below the proposed bottom of the slab elevation. The French drain should not extend more than 10 feet into the building footprint. The French drain will then be daylighted towards a lower elevation at the rear of the property appropriately. This was recommended for Lots #75 and 76 only.

If you have any questions with regards to our observations or recommendations, please reach out to us and we will be happy to discuss our findings and would welcome the opportunity to provide additional services or input necessary to complete this project.



Ramchandra R. Mogulla
GA P.E. 036021
Senior Engineer

Kenneth Mosman

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