May 16, 2022

Mr. Maurice Rudolph
HYDRY Company, LLC
4314 Pablo Oaks Court
Jacksonville, Florida 32224

ECS Project No. 35:29020-B

Reference: Addendum Letter to Preliminary Report of Geotechnical Exploration
River Landing Lot 47
Nocatee, St. Johns County, Florida

Dear Mr. Rudolph:

As requested, ECS Florida, LLC (ECS) has completed test pit exploration for Lot 47 within the River Landing development. This letter presents the field testing performed and our preliminary recommendations for foundation support. Additional field testing should be performed within the proposed structure footprint to provide detailed foundation design and site preparation recommendations, prior to final design. Note ECS previously performed a preliminary exploration for the subject lot (ECS Report No. 35:29020-A1). The results of our previous exploration were utilized herein.

Our services were provided in accordance with our Proposal No. 35:19115-GP dated April 7, 2022 and authorized by Mr. Henry D. Francis on April 26, 2022 which include the Terms and Conditions of Service within our Master Agreement.

FIELD EXPLORATION AND RESULTS

We located and performed one test pit within the lot area extended to a depth of approximately 8 feet below existing grades. The test pit was excavated with a tracked backhoe to the termination depth of the test pit. The soils were visually classified by an on-site engineer and select samples were returned to our laboratory for additional testing.

Based on the results of the test pit exploration, it is our opinion that the organic materials encountered in the soil borings is relatively isolated and therefore, the material may remain in place below the proposed structure.

PRELIMINARY DESIGN RECOMMENDATIONS

Our geotechnical engineering evaluation of the site and subsurface conditions at the property, with respect to the planned construction and our recommendations for earthwork and foundation

support, are based on (1) our site observations, (2) the field and laboratory test data obtained, (3) our understanding of the project information and structural conditions as presented in this report, and (4) our experience with similar soil and loading conditions.

Additional field testing should be performed to formulate detailed foundation design and site preparation and earthwork construction recommendations prior to final design. Also, the discovery of any site or subsurface conditions during construction that deviate from the data obtained during this geotechnical exploration should also be reported to us for our evaluation.

Based on the above preliminary evaluation of the site and subsurface conditions in the borings and test pit with respect to the anticipated construction, it appears the proposed structure can be constructed on a conventional shallow foundation system.

Conventional Shallow Foundation Support

The planned residential structure can be supported by a conventional shallow foundation system ("spread footings") provided the site is properly prepared. Subsequent to typical site preparation activities for Northeast Florida, we expect that shallow spread foundations can be designed for an allowable bearing capacity of 2,500 psf.

CLOSURE

We appreciate this opportunity to be of service as your geotechnical consultant on this phase of the project. If you have any questions concerning this report, or if we may be of any further service, please contact us.

Respectfully submitted,
ECS Florida, LLC

Christopher M. Egan, State of Florida Professional Engineer, License No. 79645
This item has been digitally signed and sealed by Christopher Egan on the date indicated here.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
2022.05.16 14:26:23-04'00'

Chris Egan, P.E.
Associate Principal Engineer
Registered, Florida No. 79645
Cegan@ecslimited.com

Robert W. Clark, P.E.
Senior Project Engineer
Registered Florida No. 52210
RWClark@ecslimited.com