

24867

GEO-TECH, INC.

ENGINEERING CONSULTANTS IN GEOTECHNICAL • ENVIRONMENTAL • CONSTRUCTION MATERIALS TESTING

October 13, 2006
Project No. 063020.01GMark Haddox
Woodman Park Builders, Inc.
P. O. Box 3535
Lake City, Florida 32056Reference: Proposed Evans Residence
293 S. W. Hickory Glen
Fort White, Columbia County, Florida 32038

Dear Mr. Haddox,

As requested, Geo-Technologies, Inc. (GTI) has performed an investigation and evaluation of the Evans residence currently under construction at the referenced address in Columbia County, Florida. The foundations, stem walls and floor of the structure are currently in place. The purposes of our work were to evaluate the potential for flooding of the home and to provide recommendations as required.

Based upon the USGS topographic quadrangle map of the area, the roadway adjacent the home has a centerline elevation of approximately 45.0 feet. Using this elevation as a reference, the finished floor of the residence was determined to be at elevation 44.1 feet, approximately. Thus the finished floor of the residence is approximately 0.9 feet below the centerline of the adjacent roadway.

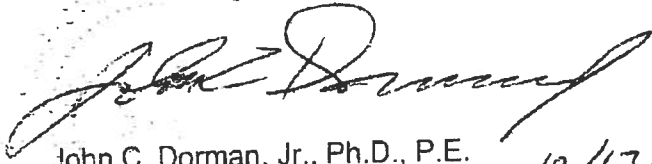
Columbia County regulations require the finished floor of a new residence to be at least 12 inches above the adjacent roadway unless it can be shown such an elevation is not required to substantially reduce the likelihood of flooding.

Based upon the FEMA flood map of Columbia County, the home site is not located within an identified flood zone. There are however four identified flood zones within approximately 2 miles of the site. Three of these flood zones are topographically isolated depression areas for which flooding in these areas would not affect the home site. The fourth identified flood zone is the Ichetucknee River basin for which the flood elevation, based upon the flood map, is estimated to be approximately 32 to 33 feet. Thus the finished floor elevation is roughly 11 to 12 feet above the anticipated flood elevation for the area. Additionally, the home site is not located within a local depression area.

Based upon our evaluation, it is our opinion flooding of home site is highly unlikely, and elevating the finished floor to 1 foot above the adjacent roadway should not be required. We recommend however that the finished floor be at least 12 inches above the finished surface grade at the perimeter of the residence. It appears this condition is satisfied.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted,
Geo-Technologies, Inc.



John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer

10/13/06
52612