

Tuesday, October 1, 2024

Jobin Cherian
Resilient Visionary Investments, LLC
7908 Sunset Blvd
Rowlett, TX 75088

**Subject: Structural Evaluation and Recommendation
624-626 Sinclair Drive
Norman, OK, 73072**

Mr. Jobin Cherian,

This statement is presented as part of a floodplain permit application to the City of Norman for the construction of duplexes located at 624-626 Sinclair Dr. in Norman. According to the elevation certificate provided by Golden Land Surveying, PLLC, the current first floor elevation is 1,163.52 ft. (Datum). According to the Elevation Certificate, the Base Flood Elevation is 1164 ft. After visiting and reviewing the site and the topography of the area, I observed that the grading of the site is sloped to the culvert that is adjacent to the east and north of the site. Water movement to or from the culvert/waterway is not obstructed.

To conform to FEMA requirements. The you are proposing to elevate the structure to raise the 1st floor to an elevation above the BFE. Pursuant to that I have designed and details the necessary structure to support the home on pilasters. The designed drawings may be submitted with the application for a Floodplain construction permit. It is this engineer's opinion that this project will result in a floor elevation 3'-0" or more above the flood BFE. This should give ample room for structural, electrical, and mechanical underfloor elements to be installed 2'-0" higher than the BFE. Additionally, the proposed construction will return 1419 cubic feet of flood volume back the flood zone.

Closing:

Thank you again for the opportunity to provide a structural evaluation and report. Photos taken during my site observations are available on request. If you have any questions or if I may be of any more assistance, please let me know.

Kind regards,

Uwem J. Ekpenyong P.E.
Urban James Engineering



Be advised that my recommendations are based on limited visual observations only. No physical testing was performed, and no calculations have been made to determine the adequacy of the structural system or its compliance with accepted building code requirements. The building structure was not investigated for structural damage or improper construction or inadequate design, except as noted. Not all conditions were observed. Nor was the building evaluated beyond the scope indicated in the project understanding. The acceptance of the report or payment for services indicates an agreement to limit the liability of Urban James Engineering to the extent of the fee paid for service.