



July 23, 2026

Brohn Homes

6720 Vaught Ranch Road, Suite 200
Austin, Texas 78730
Attn.: Ms. Makinley Labure

Email: makinleyl@brohnhomes.com

Re: Geotechnical Engineering Services – Existing Structure Removal Addendum
Fitzhugh Road
Austin, Texas
Engineer's Job No.: 17101100.075

Dear Ms. Labure:

It is our understanding that there are below grade elements within some of the lots for this project. All below grade elements should be removed and replaced in accordance with the attached **On-Site Fill Recommendations** to a maximum depth of 5 feet. If the depth of removal exceeds 5 feet, then MLA will need to reevaluate these recommendations.

If you have any questions or comments, please contact our office at the number below.

Sincerely,

MLA Geotechnical TBPE FIRM # F-2684

Geotechnical Engineering and Construction Materials Testing

"put us to the test"

Timothy R. Weston, P.E.
President

7/26/26



Attachments: On-Site Fill Recommendations

ON-SITE FILL RECOMMENDATIONS

- A. Selection of on-site fill material shall be guided by the following criteria:
 - 1. The material shall not contain any rocks having a maximum dimension greater than six inches.
 - 2. The material shall have at least 50% passing the #4 sieve. The soil material passing the #40 sieve shall have a plasticity index of less than 20.
 - 3. The material shall be reasonably free of roots, trash, concrete rubble and other organic material.
- B. Compaction shall be to 95 percent of maximum laboratory density determined in accordance with ASTM D 698. The material shall be within three percent of optimum moisture content during compaction.
- C. Placement shall be in lifts not exceeding eight inches after compaction. Each compacted lift should be inspected and/or tested for density compliance by the Geotechnical Engineer prior to placing the next lift. The fill area should extend at least 24 inches (36 inches on fills over six feet in height) beyond the back of curb or foundation line before sloping downward on not more than 1 on 3 slope to natural soil. Backslopes shall be well-compacted. Maximum fill heights should not exceed ten feet without engineering consultation.
- D. Testing and Certification of the on-site fill material shall be performed by the Geotechnical Engineer. A 110 lb. sample of the proposed material shall be submitted to the Geotechnical Engineer for approval and determination of a moisture-density relationship in advance of the fill and compaction operations in order to permit inspection and testing as the fill is placed. Fill placement will be inspected and tested for uniformity, acceptable material and field densities at the rate of one per density per 5,000 square feet per lift (a minimum of three per lift per pad).
- E. Deviations from the above recommendations may be permitted upon approval from the Geotechnical Engineer.