TYNDALL
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March 27, 2024

Chad Stewart
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Reference: Engineering Services
              Turlington Acres – Lot 6
              111 Regis Lane
              Coats, NC 27521
              TE&D Project No.: 2401-020241

To Whom It May Concern;

As requested, a representative of Tyndall Engineering & Design, PA (TE&D) was on-site to observe the following items:

1)   Assessment of previous repairs made to stem wall foundation due to damaged block.

The following conclusions and recommendations were noted:

1)   We observed the top course of the stem wall foundation had been previously damaged in (1) 3'-0" section at the rear of the right exterior wall and (1) 3'-0" section at the rear exterior wall. We observed that the damaged areas appeared to have been repaired by forming up at the damaged areas and filling with concrete at the time of slab installation. Our inspection showed several gaps/voids between the concrete and foundation wall.
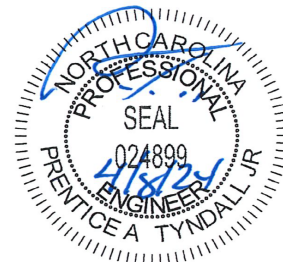
Based on our observations and analysis, the existing repair is inadequate. We recommend cleaning out all gaps/voids between the concrete and foundation walls of all loose fill/material at the damaged areas. After cleaning out these areas, the gaps/voids are to be filled completely with injectable epoxy. For aesthetic purposes, additional parging may be applied over the repaired areas.

Upon completion, the above-mentioned repairs will be adequate to support the anticipated loading conditions. We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design

Tripp Amos
PT III | 2401-020241

Prentice Tyndall Jr., P.E.

Examples of existing repairs