Daily Field Report

ASEC Report ID : 74977
Name of the Project : Riverwalk Manor (CMT) Unit 2, PH 4E and 4F
Project Location : Dallas
Weather : sunny
Departure Time : 12/30/2024
ASEC Technician Name : Russell Hendrix

Date : 12/30/2024
Project No : 2022C227
Client Company : Artisan
Arrival Time : 12/30/2024
Onsite Hours :

As requested, the site was visited by our AS Engineering and Consulting (ASEC) representative for the purpose of providing quality control inspection and testing services. Visual observation techniques were employed to verify compliance with project drawing/specifications, applicable codes, and materials submittals. The following observations were observed on site this day.

1. Introduction

A request was made for a visual inspection of the retaining wall drainage improvement between Lots #984 and #985 in the Naturewalk Development. The purpose of the inspection was to assess the adequacy of the recently installed drainage system and address an erosion issue reported by the homeowner of Lot #984. A meeting was held with Josh Anderson, an Artisan representative, to discuss the retaining wall addition completed approximately a year ago along with the recent drain and sod placement.

2. Background Information

The retaining wall addition, which was constructed approximately one year ago, is approximately 24 feet long and 9 feet high, in an “L” shape. The homeowner of Lot #984 recently reported an erosion issue adjacent to the retaining wall. The erosion is believed to be caused by improper drainage.

3. Inspection Overview

Upon arrival at the site, the following observations were made:

- **Drainage System**: A recently installed 20-inch drain was observed at the corner of the retaining wall, positioned with a slope directing water flow toward the drain. This drain is intended to collect water that may otherwise contribute to being trapped behind the wall or lead to erosion.
- **Corrugated Pipe**: An 8-inch corrugated pipe was observed attached to the 20-inch drain, directing water through the lower section of the retaining wall.
- **Drainage Adequacy**: The slope and placement of the 20-inch drain appeared to be adequate for diverting water away from the retaining wall and preventing further erosion.

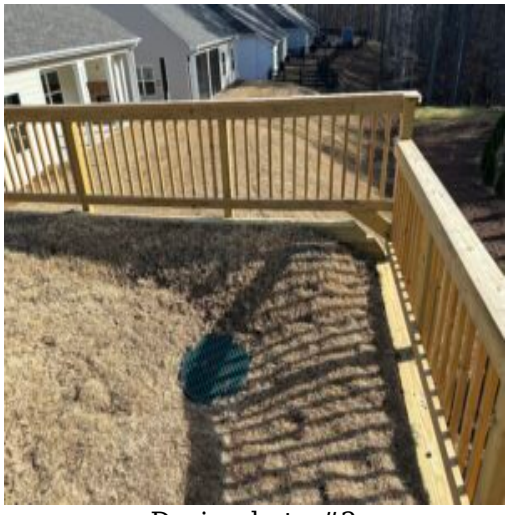
4. Conclusions

- The 20-inch drain installed at the corner of the retaining wall, along with the 8-inch corrugated pipe, appeared to be a suitable solution for addressing the water diversion away from the area.
- Based on visual inspection, the drainage system appears functional, and its installation seems appropriate for mitigating the erosion problem observed by the homeowner.

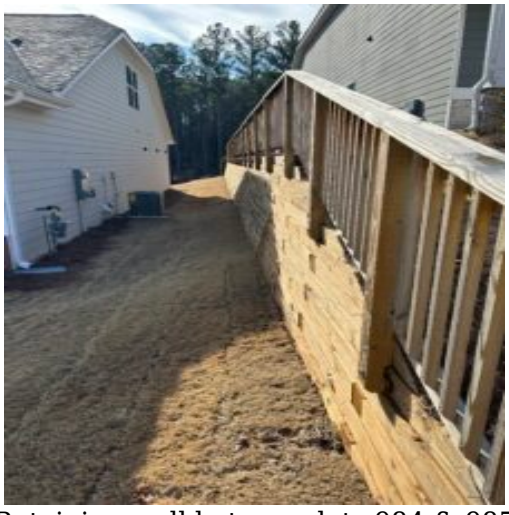
5. Notes and Disclaimers

- ASEC Engineering was not present during the original retaining wall construction, the subsequent

addition of the “L”-shaped wall, or the recent drain installation. Therefore, ASEC provides no warranty or guarantee regarding the engineering or structural aspects of these constructions.

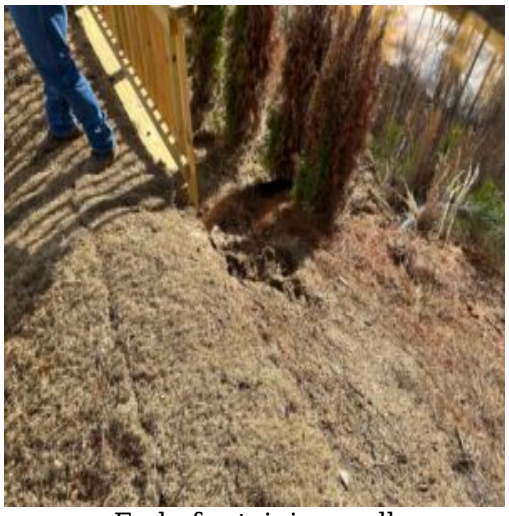


Drain photo #2



Retaining wall between lots 984 & 985

Drain exit at bottom of wall (black 8 inch corrugated pipe).



End of retaining wall

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Drain photo #1

GEORGIA REGISTERED No. PE036021 PROFESSIONAL ENGINEER RAMCHANDRA REDDY MOGULLA

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