

Date : 08/30/2023
Project No : 2023C180
Client Company : Artisan Communities
Arrival Time : 08/30/2023 10:00
Onsite Hours : 04:00

ASEC Report ID : 61375
Name of the Project : Lakeside
Project Location : Calhoun
Weather : Sunny
Departure Time : 08/30/2023 14:00
ASEC Technician Name : Vidal Dias

Introduction

The undersigned ASEC representative conducted a site investigation on August 30, 2023, to assess the soils in Areas 1 and 4. The objective was to characterize the soil conditions and provide soil classification recommendations.

Topsoil Description for Area 4

The topsoil in Area 4 predominantly consisted of brown clayey sand intermixed with organic material, precisely root matter and small boulders (4' diameter or less).

Contractor Operations for Area 4

Area 4 serves as the staging area mentioned in the previous report, with dimensions approximately 404 feet in length and 50 feet in width. The initial topsoil depth was 4 feet.

Volumetric Analysis for Area 4

- $404\text{ ft} \times 50\text{ ft} \times 4\text{ ft} = 80,800\text{ ft}^3$

Engineering Recommendations for Area 4

It is recommended that the topsoil be excavated and utilized for landscaping topsoil within the subdivision or non-structural fill.

Soil Description for Area 1

The soil in Area 1 consisted of wet red and gray clays and muck intermixed with roots and small boulders (diameter of 4' or less).

Contractor Operations for Area 1

Area 1 measures approximately 50 feet in width, 30 feet in length, and had an initial depth of 2.5 feet. The contractor utilized a dozer to blade 3 feet of material from the surface and relocated it to the southern boundary of the lot (in a non-structural area).

Volumetric Analysis for Area 1

- $50\text{ ft} \times 30\text{ ft} \times 2.5\text{ ft} = 3,750\text{ ft}^3$

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Visual Documentation

Both areas are marked on the attached drawing for further clarification. Area 4 is located in Pod 2.

Recommendations for Area 4

It is recommended that the topsoil be excavated and utilized for landscaping topsoil within the subdivision or non-structural fill.



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Vidal Dias
070321636
Project Geologist

Kenneth Mosman

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