



WEEKLY REPORT

Report Date: 06/23/21

S&ME, Inc.
8646 West Market Street, Suite 105
Greensboro, NC 27409
Phone: 336-288-7180
Fax: 336-288-8980

Client:
SHEETZ, Inc.
1737 White Kennel Road
Burlington, NC 27215

Project:
214164
Sheetz #716 Cameron
Intersection of Sawyer Rd and NC Hwy 24
Cameron, NC 28326

S&ME, Inc. (S&ME) is continuing to provide construction materials testing services at the above referenced project. This letter outlines the results of the services provided and performed by S&ME for the week ending June 19, 2021. This report has been prepared in accordance with generally accepted construction material testing practices for specific application to this project. If changes in the intended use, or design of the construction occur after the date of this report, this report will not be considered valid unless these changes are reviewed and our recommendations modified or verified in writing. The recommendations contained in this report are based upon applicable standards of our practice in this geographic area at the time this report was prepared. No other warranty, expressed or implied, is made. S&ME, Inc. appreciates the opportunity to be of service to you during this phase of the project. If you should have any questions, or if we may be of further assistance, please feel free to contact us.

Sincerely,
S&ME, Inc.

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DAILY REPORT	Activity Date-2021-06-18 Project-214164	DR-000001

Prepared by:
Lisa STAFFORD
Jun 23, 2021



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FOUNDATIONS - Grade Supported - Spread Foundations - Does NOT Generally Conform with Required

06/18/2021 - David GALLIMORE - Part Time - 4.75 Hours

The near surface soils at the foundation bearing grade of the new store and car wash were evaluated for support of foundations. The bearing grades were probed to identify areas of loose surficial soil using a steel T-handle probe rod. A hand auger boring and DCP testing was performed to assess the consistency of underlying bearing soils. The DCP test results were as follows;

HA-1

Location: Car wash, southwest corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 7/12/14 Avg. = 11
Test Elevation: -1' ; DCP test; 14/15/15 Avg. = 15
Test Elevation: -2' ; DCP test; 25+ Avg. = 25

HA-2

Location: Car wash, northwest corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 8/12/16 Avg. = 12
Test Elevation: -1' ; DCP test; 10/16/18 Avg. = 15
Test Elevation: -2' ; DCP test; 12/16/18 Avg. = 15 (Ground water)

HA-3

Location: Car wash, northeast corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 6/9/9 Avg. = 8
Test Elevation: -1' ; DCP test; 8/8/7 Avg. = 8
Test Elevation: -2' ; DCP test; 19/25+ Avg. = 22 (ground water)

HA-4

Location: Car wash, southeast corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 8/8/9 Avg. = 8
Test Elevation: -1' ; DCP test; 12/25+ Avg. = 19
Test Elevation: -2' ; DCP test; 25+ Avg. = 25

HA-5

Location: New store, southeast corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 2/2/4 Avg. = 3
Test Elevation: -1' ; DCP test; 9/9/8 Avg. = 9
Test Elevation: -2' ; DCP test; 19/19/19 Avg. = 19

HA-6

Location: New store, southwest corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 3/3/4 Avg. = 3



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Test Elevation: -1' ; DCP test; 7/8/8 Avg. = 8
Test Elevation: -2' ; DCP test; 10/15/10 Avg. = 12

HA-7

Location: New store, middle west side
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 3/4/4 Avg. = 4
Test Elevation: -1' ; DCP test; 8/7/8 Avg. = 8
Test Elevation: -2' ; DCP test; 9/8/8 Avg. = 8

HA-8

Location: New store, northwest corner
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 4/5/6 Avg. = 5
Test Elevation: -1' ; DCP test; 10/11/13 Avg. = 11
Test Elevation: -2' ; DCP test; 18/18/18 Avg. = 18

HA-9

Location: New store, east side middle footing
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 3/3/4 Avg. = 3
Test Elevation: -1' ; DCP test; 12/12/12 Avg. = 12
Test Elevation: -2' ; DCP test; 25+ Avg. = 25

HA-10

Location: New store, middle inner spread footing
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 2/3/4 Avg. = 3
Test Elevation: -1' ; DCP test; 9/9/16 Avg. = 11
Test Elevation: -2' ; DCP test; 25+ Avg. = 25 (Debris encountered)

HA-11

Location: New store, west inner spread footing
Description: brown/orange silty sand
Test Elevation: BG; DCP test; 3/3/3 Avg. = 3
Test Elevation: -1' ; DCP test; 9/10/11 Avg. = 10
Test Elevation: -2' ; DCP test; 10/11/11 Avg. = 11 (Ground water)

Based on this evaluation, the foundation bearing soils for the car wash are suitable for the foundation bearing pressure of 2000 psf.

The foundation bearing soils for the new store are unsuitable for the foundation bearing pressure of 2500 psi. The surface soils (bearing grade to -1 foot) consisted of dry loose silty sand. S&ME recommended that the soil be moisture conditioned and compacted.



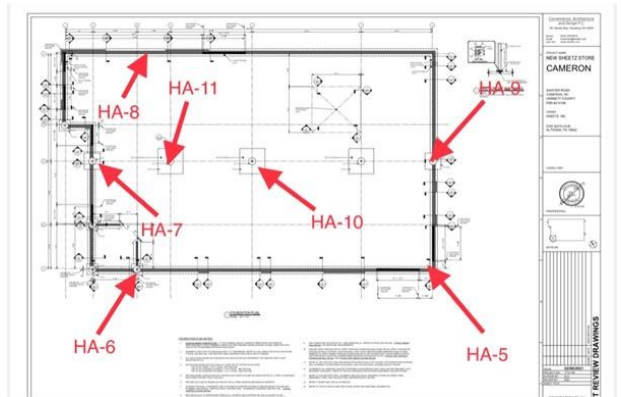
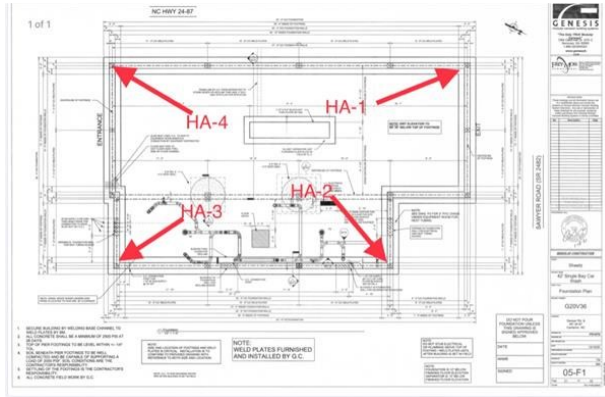
DAILY REPORT

Report #: DR-00001
Report Date: 06/23/2021

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Reviewed/Prepared by:
Brian GLIDEWELL
Jun 23, 2021

The presence of S&ME at the project site shall not be construed as an acceptance or approval of activities at the site. S&ME is at the site to perform specific services and has certain responsibilities which are limited to those specifically authorized in our agreement with our client. The results of tests or observations performed are only applicable to the time and location of the tests or observations. Testing frequency is dependent on our being informed of work in progress at the site and staffing level. In no event shall S&ME be responsible for the safety or means and methods of other parties at the project site.