



# WEEKLY REPORT

Report Date: 07/01/21

S&ME, Inc.  
8646 West Market Street, Suite 105  
Greensboro, NC 27409  
Phone: 336-288-7180  
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**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 26, 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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Prepared by:  
Lisa STAFFORD  
Jul 01, 2021



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**FOUNDATIONS - Grade Supported - Spread Foundations - Generally Conforms with Required  
06/23/2021 - Anthony M. SANSONE - Periodic - 5.00 Hours**

Representative was on site as requested to evaluate remedial work for the building footings. Upon arrival it was observed that due to rain wet loose material was washed into the footings and would require removal prior to evaluation. As per activity one recommendations the contractor elected to attempt to compact the bearing grade soils of the perimeter footings to reach suitable bearing capacity. Spot checking of the area showed that compaction of the material did not result in suitable bearing capacity.

The contractor then elected to remove the unsuitable material to reach suitable bearing capacity and replace the removed material with 57 stone. Approximately one foot of material was removed from the interior spread footings B-3,4, and 5. Approximately ten inches of material was removed from the perimeter footings and replaced with 57 stone, prior to stone placement all bearing grade soils were compacted by use of a plate tamp to address loose soil left over from excavation. spot checking of the areas showed that suitable bearing capacity of 2500 psi was achieved before placement of the stone.



57 stone in footing B-3



Excavated footing along line C

Reviewed/Prepared by:  
Brian GLIDEWELL  
Jun 30, 2021



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## CONCRETE - Pre-Placement - Observations - .

**06/25/2021 - NICHOLAS GEMBERLING - Part Time - 0.50 Hours**

Observed the placement of the concrete reinforcing steel in footings at main building, car wash, and dumpster pad. The reinforcing steel placement was evaluated with respect to the number of bars, bar sizes, spacing, lap splice lengths, cleanliness, and cover.

In summary, placement of the reinforcing steel was found to be in general accordance with the structural drawings and design details.

Also observed Ufer ground placed within foundation concrete area. See pictures

The project superintendent was notified of these findings prior to departing from the site.



## CONCRETE - Placement - Tests - .

**06/25/2021 - NICHOLAS GEMBERLING - Part Time - 4.50 Hours**

Observed the placement of concrete in the building foundations located at building foundations and car wash foundations. The placement required normal weight, non-air entrained, 3000 psi concrete. The batch ticket of the sampled concrete was checked to confirm the type of concrete





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delivered complied with these requirements. A sample of the fresh concrete was obtained from truck chute , tests were performed, and one set of five 4"x8" cylinders fabricated. Tests included slump, air content, concrete temperature, and unit weight. See attached Concrete Placement Record for additional information.

The concrete mix, slump, air content, concrete temperature and elapsed time from batching to placement complied with project specifications. Test results were communicated to foreman with Gates Concrete prior to leaving the site.

[CONCRETE PLACEMENT RECORD](#)

Reviewed/Prepared by:  
Brian GLIDEWELL  
Jun 30, 2021



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# CONCRETE PLACEMENT RECORD

**Report #:** CPS-000001  
**Report Date:** 06/30/2021

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

**Project:**  
 214164  
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 Cameron, NC 28326

<b>Placement Date:</b> 06/25/21		<b>Placement Location:</b> BUILDING - Foundation Wall				<b>Placement Method:</b> Pump			<b>Technician:</b> NICHOLAS GEMBERLING					
<b>Weather:</b> Sunny		<b>Location Details:</b> Building and Car wash foundations				<b>Mix Design:</b> F30CBNA			<b>Specified Strength (psi):</b> 3000					
<b>Contractor:</b> Gates Concrete		<b>Supplier:</b> 05-S & W Concrete												
Sample	Set	Truck # Ticket #	Load Volume (yd <sup>3</sup> )	Times	Placement Time (min)	Consistency	Air Content (%)	Unit Weight (lb/ft <sup>3</sup> )	Concrete Temp (F)	Air Temp (F)	On-Site Admixtures	Specimens Cast	Specimen Size	Sample Type
256128	1	0692 2446192	10	Batched: 13:05 EDT Arrived: 13:30 EDT Empty: 14:15 EDT	70	Slump: 4-1/2 in. Spec: 3 - 5	Result: 2.1 Spec: 0.0 - 3.0	145.8	82	81	None	5	4" X 8"	CC

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 requested 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. If our work is scheduled by others, we are not responsible for the testing frequency. In no event shall S&ME be responsible for the safety or means and methods of other parties at the project site.