



WEEKLY REPORT

Report Date: 09/30/21

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616
Phone: 919-872-2660
Fax: 919-876-3958

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 weeks ending September 18 and 25, 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
Sep 30, 2021



S&ME, Inc.
3201 Spring Forest Road
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214164
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Intersection of Sawyer Rd and NC Hwy 24
Cameron, NC 28326

CONCRETE - Placement - Tests - Generally Conforms with Required

09/15/2021 - James MUENCH - Part Time - 4.50 Hours

Observed the placement of concrete located in the drive lane at entrance (8' section) and exit (20' section) to car wash. The placement required normal weight, air entrained, 4,000 psi concrete. The batch ticket of the sampled concrete was checked to confirm the type of concrete delivered complied with these requirements. A sample of the fresh concrete was obtained from concrete 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 Gary (site superintendent) prior to leaving the site. Representative waited on site for the arrival of concrete.

[CONCRETE PLACEMENT RECORD](#)

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 2021



S&ME, Inc.
 3201 Spring Forest Road
 Raleigh, NC 27616
 Phone: 919-872-2660 | Fax: 919-876-3958

CONCRETE PLACEMENT RECORD

Report #: CPS-000008
Report Date: 09/30/2021

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

Placement Date: 09/15/21		Placement Location: PAVEMENT			Placement Method: Chute			Technician: James MUENCH						
Weather: Clear		Location Details: Car wash drive through entrance and exit			Mix Design: G40CB (4000 psi)			Specified Strength (psi): 4000						
Contractor: Ready Contractors							Supplier: 05-S & W Concrete							
Sample	Set	Truck # Ticket #	Load Volume (yd ³)	Times	Placement Time (min)	Consistency	Air Content (%)	Unit Weight (lb/ft ³)	Concrete Temp (F)	Air Temp (F)	On-Site Admixtures	Specimens Cast	Specimen Size	Sample Type
264177	9	559 2446754	9.00	Batched: 11:29 EDT Arrived: 12:06 EDT Empty: 12:55 EDT	86	Slump: 3-1/4 in. Spec: 3 - 5	Result: 5.6 Spec: 4 - 7	140.1	84	85	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.



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Project:
214164
Sheetz #716 Cameron
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Cameron, NC 28326

CONCRETE - Post Placement - Sample Pickup - .

09/17/2021 - NICHOLAS GEMBERLING - Part Time - 1.50 Hours

S&ME picked up concrete test cylinders which were cast on 9/15 and transported them to the S&ME laboratory for curing and compressive strength testing.

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 2021



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CONCRETE - Placement - Tests and Observations - Generally Conforms with Required

09/20/2021 - Brent STANLAND - Full Time - 7.00 Hours

Observed the placement of approximately 40 cubic yards of concrete in the Slab located at the concrete pavement area #11 at the NW side of the building. The concrete was placed directly from the truck chute. The placement required normal weight, air entrained 4,000 psi concrete. The approved concrete mix for this work is S&W Ready Mix Concrete Company / G40CB / Mid-Range / BASF Masterfiber M35.

The batch tickets were checked to confirm the correct concrete mix was delivered. The slump of each load of concrete was visually estimated prior to placement. Water was not authorized to be added to any trucks.

The fresh concrete was sampled from the truck chute and tested for slump, air content, concrete temperature, and unit weight. One set of five 4" x 8" test cylinders were cast and stored on site.

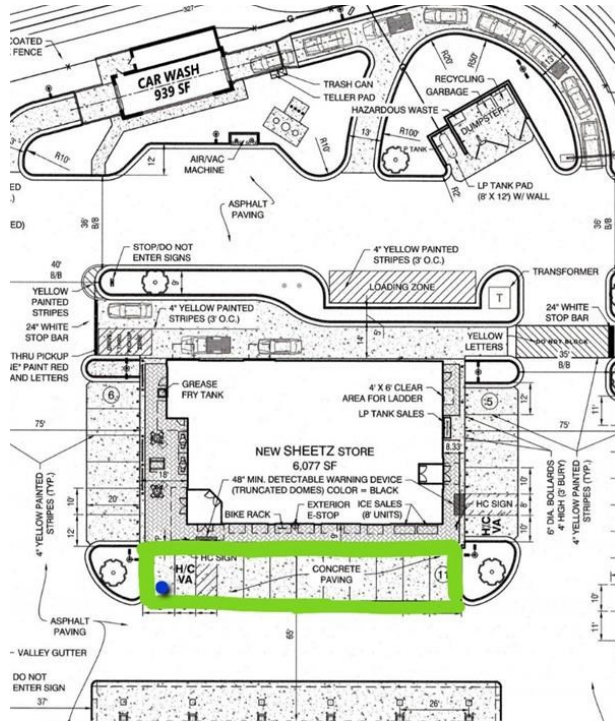
The concrete mix, slump, air content, concrete temperature and elapsed time from batching to placement complied with project specifications. This information is presented on the attached Concrete Placement Record and was communicated to William Parker with Gates Concrete & Construction prior to leaving the site.



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214164
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Intersection of Sawyer Rd and NC Hwy 24
Cameron, NC 28326



Site Sketch: Concrete Placement Area (green) & Sample Location (blue)



Work Area Prior To Concrete Placement

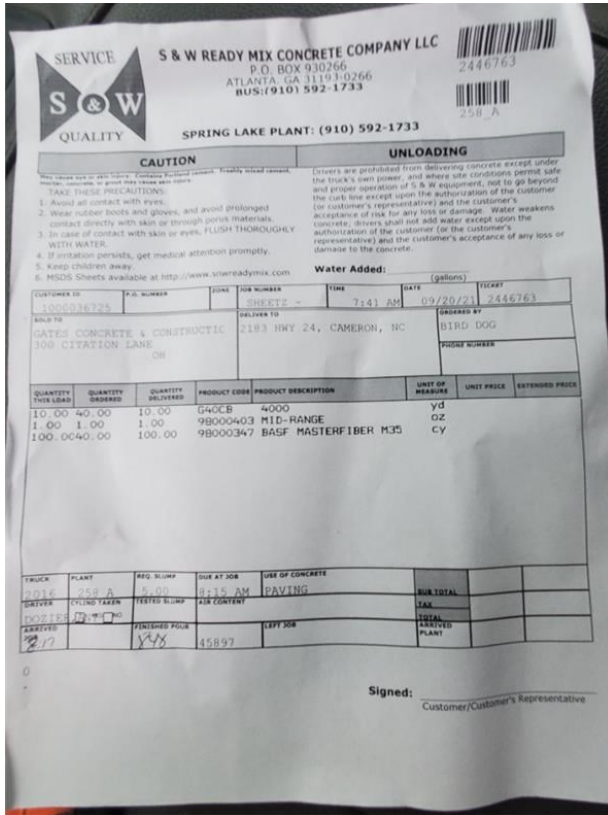




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Sampled Truck Ticket



Concrete Placement



Concrete Placement & Consolidation Efforts

CONCRETE PLACEMENT RECORD

CONCRETE - Placement - Tests and Observations - Generally Conforms with Required 09/20/2021 - Brent STANLAND - Full Time - 7.00 Hours

Observed the placement of approximately 30 cubic yards of concrete in the drive-thru concrete pavement area located at the East side of the building. The concrete was placed directly from the truck chute . The placement required normal weight , air entrained 4,000 psi concrete. The approved concrete mix for this work is S&W Ready Mix Concrete Company/ G40CB / BASF Masterfiber .

The batch tickets were checked to confirm the correct concrete mix was delivered. The slump of each load of concrete was visually estimated prior to placement. Water was authorized to be added to some trucks on site by Toby with Ready Contractors.

The fresh concrete was sampled from the truck chute and tested for slump, air content, concrete temperature, and unit weight. One set of five 4" x 8" test cylinders were cast and stored on site.

The concrete mix, slump, air content, concrete temperature and elapsed time from batching to placement complied with project specifications. This information is presented on the attached

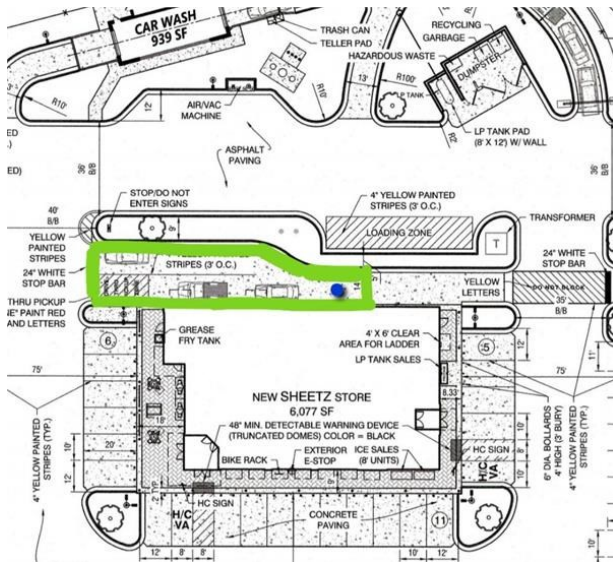


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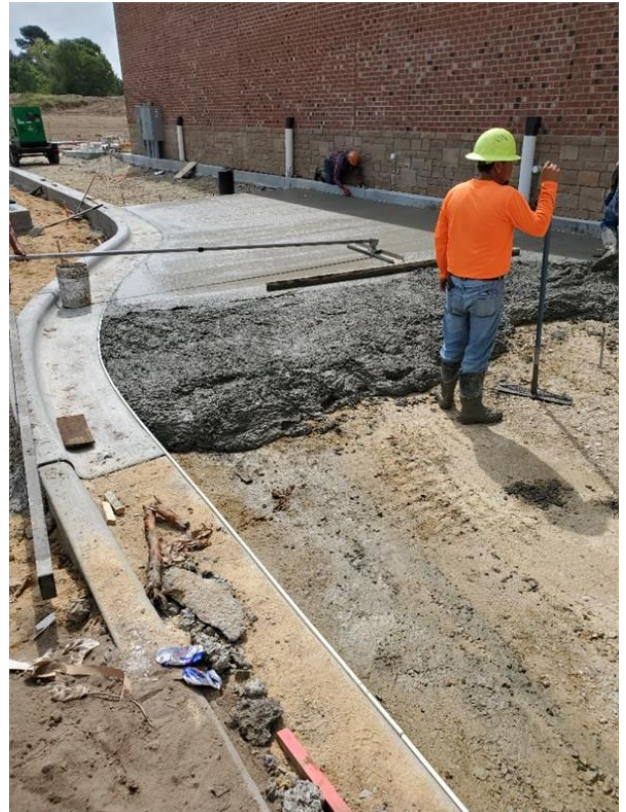
Concrete Placement Record and was communicated to Toby with Ready Contractors prior to leaving the site.



Site Sketch: Concrete Placement Area (green) & Sample Location (blue)



Concrete Placement @ Drive-Thru



Concrete Placement @ Drive-Thru

S & W READY MIX CONCRETE COMPANY LLC
 P.O. BOX 930286
 ATLANTA, GA 31193-0286
 BUS: (910) 592-1733

UNLOADING
CAUTION
 Please read these instructions carefully. Failure to read and follow these instructions may result in injury or property damage.

TAKE THESE PRECAUTIONS:
 1. Avoid all contact with eyes, and avoid prolonged contact with skin or through loose clothing. If you get concrete on your face, neck, or clothes, contact immediately with water or through loose clothing. If you get concrete on your face, neck, or clothes, contact immediately with water or through loose clothing. If you get concrete on your face, neck, or clothes, contact immediately with water or through loose clothing.

Water Added: _____ (gallons)

ORDER NUMBER: 300026121
 ORDER DATE: 09/20/21
 ORDER TIME: 10:05 AM
 ORDER BY: TOBY

QUANTITY (CY)	QUANTITY (CU YD)	QUANTITY (CU FT)	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
10.00	30.00	10.00	040CB	4000	CV		
10.00	30.00	10.00	08003K7	8KSF PASTER FIBER M35	CV		
1.00	3.00	1.00	08000301	ENVIRONMENTAL CHARGE	EA		

TRUCK	PLANT	REQ. SLUMP	TIME AT JOB	TYPE OF CONCRETE	TESTING	TESTED SLUMP	TESTED AIR CONTENT
559	248 A	4.00	11:00 AM	PXT 31AB			

Driver: [Signature]
 Arrived: 10:55
 Finished Pour: 45901
 Left Job: [Signature]

Signed: _____
 Customer/Customer's Representative

Sampled Truck Ticket

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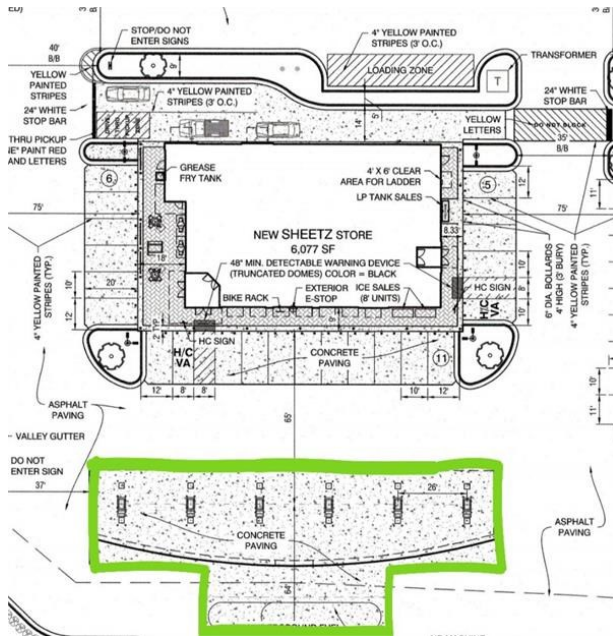
Project:
214164
Sheetz #716 Cameron
Intersection of Sawyer Rd and NC Hwy 24
Cameron, NC 28326

CONCRETE PLACEMENT RECORD

CONCRETE - Post Placement - Sample Pickup - Generally Conforms with Required

09/20/2021 - Brent STANLAND - Full Time - 7.00 Hours

S&ME picked up and logged one set of four 8" x 4" concrete test sample cylinders cast by S&W Ready Mix Concrete Company on September 8, 2021. According to the contractor, the samples were cast during the placement of concrete at the canopy pad and the mix design placed was S&W Ready Mix Concrete Company / G40CB / Mid-Range / BASF Masterfiber. No truck ticket was made available to S&ME



Site Sketch: Concrete Placement Area



Canopy Pad

CONCRETE - Post Placement - Sample Pickup - Generally Conforms with Required

09/20/2021 - Brent STANLAND - Full Time - 7.00 Hours

S&ME picked up and logged one set of five 8" x 4" concrete test sample cylinders cast by Gates Concrete & Construction on September 17, 2021.

According to the contractor, the samples were taken while placing concrete at concrete pavement area #6 and the concrete mix design placed was S&W Ready Mix Concrete Company / G40CB / Mid-Range / BASF Masterfiber / 4000psi. No truck ticket was made available to S&ME.



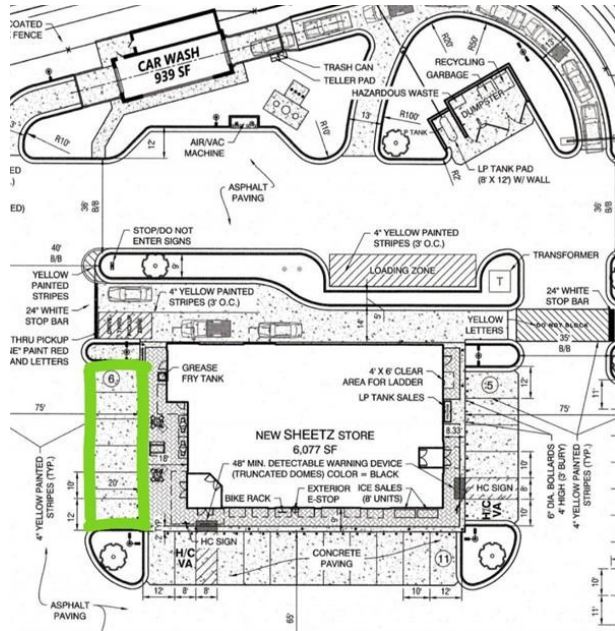
DAILY REPORT

Report #: DR-00027
Report Date: 09/30/2021

S&ME, Inc.
3201 Spring Forest Road
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Fax: 919-876-3958

Client:
SHEETZ, Inc.
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Burlington, NC 27215

Project:
214164
Sheetz #716 Cameron
Intersection of Sawyer Rd and NC Hwy 24
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Site Sketch: Concrete Placement Area



Concrete Pavement Area #6

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 2021

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CONCRETE PLACEMENT RECORD

Report #: CPS-000009
Report Date: 09/30/2021

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

Placement Date: 09/20/21		Placement Location: PAVEMENT - Approach			Placement Method:				Technician: Brent STANLAND					
Weather: Overcast		Location Details: Concrete pavement area at NW side of building			Mix Design: G40CB (4000 psi)				Specified Strength (psi): 4000					
Contractor: Gates Concrete & Construction						Supplier: 05-S & W Concrete								
Sample	Set	Truck # Ticket #	Load Volume (yd ³)	Times	Placement Time (min)	Consistency	Air Content (%)	Unit Weight (lb/ft ³)	Concrete Temp (F)	Air Temp (F)	On-Site Admixtures	Specimens Cast	Specimen Size	Sample Type
264491	10	2016 2446763	10.00	Batched: 07:41 EDT Arrived: 08:15 EDT Empty: 08:49 EDT	68	Slump: 4-3/4 in.	Result: 5.0	148.1	83	73	None	5	4" X 8"	CC

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S&ME, Inc.
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CONCRETE PLACEMENT RECORD

Report #: CPS-000010
Report Date: 09/30/2021

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

Placement Date: 09/20/21		Placement Location: PAVEMENT				Placement Method: Chute				Technician: Brent STANLAND				
Weather: Overcast		Location Details: Concrete pavement at Drive-Thru				Mix Design:				Specified Strength (psi): 4000				
Contractor: Ready Contractors		Supplier: 05-S & W Concrete												
Sample	Set	Truck # Ticket #	Load Volume (yd ³)	Times	Placement Time (min)	Consistency	Air Content (%)	Unit Weight (lb/ft ³)	Concrete Temp (F)	Air Temp (F)	On-Site Admixtures	Specimens Cast	Specimen Size	Sample Type
264515	13	1107 2446767	10.00	Batched: 10:25 EDT Arrived: 11:00 EDT Empty: 11:22 EDT	57	Slump: 4-1/4 in.	Result: 4.7	148.4	86	79	None	5	4" X 8"	CC

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1737 White Kennel Road
Burlington, NC 27215

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

CONCRETE - Post Placement - Sample Pickup - Generally Conforms with Required

09/21/2021 - HAZEM ISMAIL - Full Time - 3.00 Hours

Picked up concrete test cylinders cast on 9/20 and transported them to S&ME laboratory for curing and compressive strength testing.

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 2021



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3201 Spring Forest Road
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FOUNDATIONS - Grade Supported - Spread Foundations - Generally Conforms with Required
09/23/2021 - Brent STANLAND - Full Time - 4.00 Hours

The near surface soils at the foundation bearing grade of the signage footing 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;

Location: HA-1

Test Elevation: BG; DCP test; 9,9,11 Avg. = 9.6 Description: brown & tan sand/silt
Test Elevation: -1' ; DCP test; 10,9,13 Avg. = 10.6
Test Elevation: -2' ; DCP test; 12,12,13 Avg. = 12.3

Location: HA-2

Test Elevation: BG; DCP test; 10,9,9 Avg. = 9.3 Description: tan sand/silt
Test Elevation: -1' ; DCP test; 8,12,12 Avg. = 10.6
Test Elevation: -2' ; DCP test; 10,11,14 Avg. = 11.6

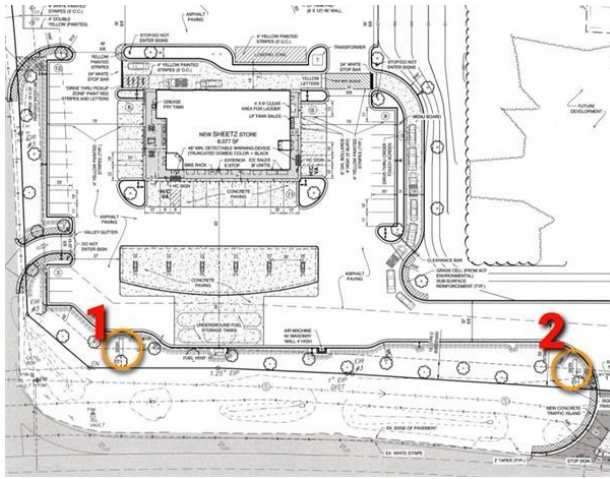
Based on this evaluation, the foundation bearing soils are suitable for the foundation bearing pressure of 2,500 psf.



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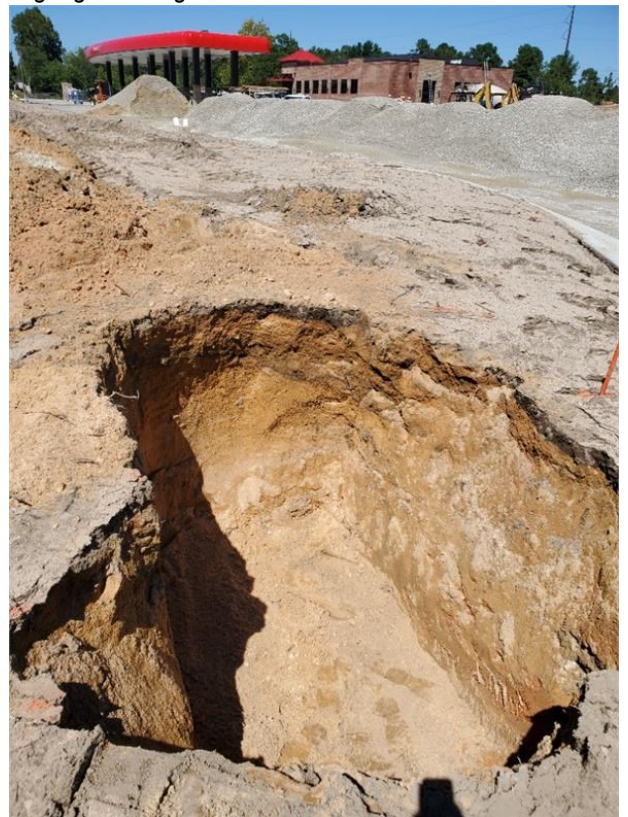
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Site Sketch: DCP Test Locations



Signage Footing



Signage Footing

**CONCRETE - Placement - Tests and Observations - Generally Conforms with Required
09/23/2021 - Brent STANLAND - Full Time - 4.00 Hours**

Observed the placement of approximately 40 cubic yards of concrete in the concrete pavement area #6 located at the SE side of the building. The concrete was placed directly from the truck

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chute. The placement required normal weight, air entained 4,000 psi concrete. The approved concrete mix for this work is S&W Ready Mix Concrete Company / G40CB / Mid-Range / BASF Masterfiber M35.

The batch tickets were checked to confirm the correct concrete mix was delivered. The slump of each load of concrete was visually estimated prior to placement. Water was not authorized to be added to any trucks.

The fresh concrete was sampled from the truck chute and tested for slump, air content, concrete temperature, and unit weight. One set of five 4" x 8" test cylinders were cast and stored on site.

The concrete mix, slump, air content, concrete temperature and elapsed time from batching to placement complied with project specifications. This information is presented on the attached Concrete Placement Record and was communicated to William Parker with Gates Concrete & Construction prior to leaving the site.



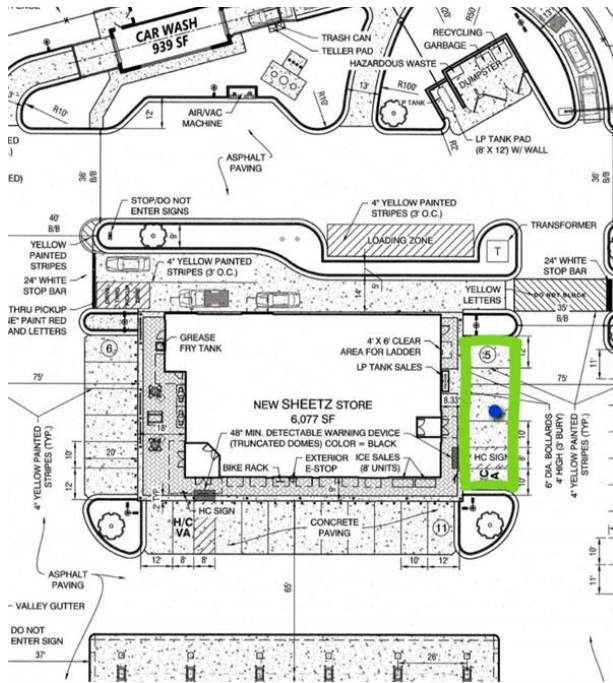
DAILY REPORT

Report #: DR-00029
Report Date: 09/30/2021

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Site Sketch: Concrete Placement Area (green) & Sample Location (blue)



Concrete Placement

The image shows a scanned truck ticket from S & W Ready Mix Concrete Company LLC. The ticket includes a header with the company name, address (P.O. Box 930266, Atlanta, GA 31193-0266), and phone number (910) 592-1733. It also features a 'SERVICE S & W QUALITY' logo and a barcode. The ticket is divided into 'CAUTION' and 'UNLOADING' sections. The 'CAUTION' section lists safety instructions, and the 'UNLOADING' section provides details about the concrete delivery, including quantity, product description, and pricing. A table at the bottom of the ticket lists the truck, plant, and other details.

QUANTITY (YD)	QUANTITY (CY)	QUANTITY (CU YD)	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT PRICE	EXTENDED PRICE
10.00	40.00	10.00	0400B	4000	YD	
1.00	1.00	1.00	98000403	MID-RANGE	CY	
10.00	40.00	10.00	98000047	BASF MASTERFIBER M35		

Sampled Truck Ticket

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Concrete Placement

CONCRETE PLACEMENT RECORD

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 2021



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CONCRETE PLACEMENT RECORD

Report #: CPS-000011
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Placement Date: 09/23/21	Placement Location: PAVEMENT - Approach	Placement Method:	Technician: Brent STANLAND
Weather: Sunny, clear	Location Details: Concrete Pavement Area #6 @ SE Side Of Building	Mix Design: G40CB (4000 psi)	Specified Strength (psi): 4000
Contractor: Gates Concrete & Construction		Supplier: 05-S & W Concrete	

Sample	Set	Truck # Ticket #	Load Volume (yd³)	Times	Placement Time (min)	Consistency	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (F)	Air Temp (F)	On-Site Admixtures	Specimens Cast	Specimen Size	Sample Type
264734	14	414 2446773	10.00	Batched: 11:13 EDT Arrived: 11:40 EDT Empty: 12:16 EDT	63	Slump: 6 in.	Result: 5.2	147.2	79	71	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.



S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616
Phone: 919-872-2660
Fax: 919-876-3958

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

CONCRETE - Pre-Placement - Observations - Generally Conforms with Required

09/24/2021 - HAZEM ISMAIL - Full Time -

Observed the placement of the concrete reinforcing steel in sign footings. 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 accordance with the structural drawings and design details B1071330.

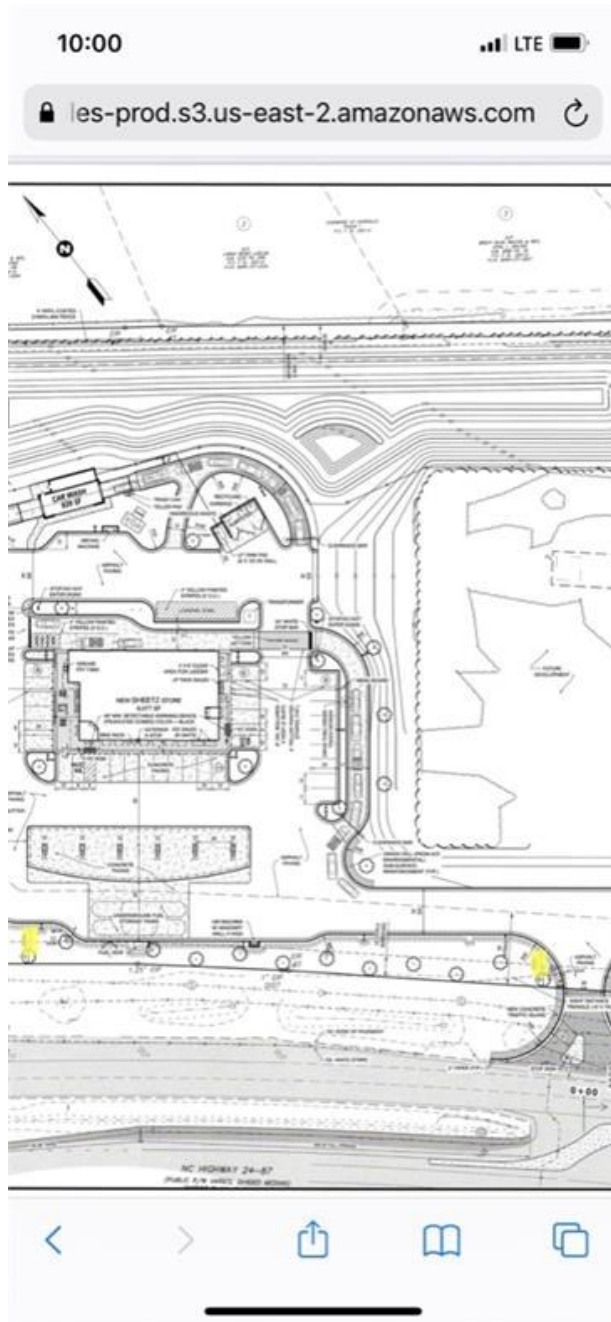
The project superintendent was notified of these findings prior to departing from the site.



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Rebar was observed at these 2 footings for signs

**CONCRETE - Placement - Tests and Observations - Generally Conforms with Required
09/24/2021 - HAZEM ISMAIL - Full Time - 3.50 Hours**

Observed the placement of approximately 10 cubic yards of concrete in the sign footings . The



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concrete was placed directly from chute. The placement required Normal weight , Non air 4000 psi concrete. The approved concrete mix for this work is S&W , F40cbna.

The batch tickets were checked to confirm the correct concrete mix was delivered. The slump of each load of concrete was visually estimated prior to placement.

The fresh concrete was sampled from the Truck chute and tested for slump, air content, concrete temperature, and unit weight. One set of five 4" x 8" test cylinders were cast and stored on site.

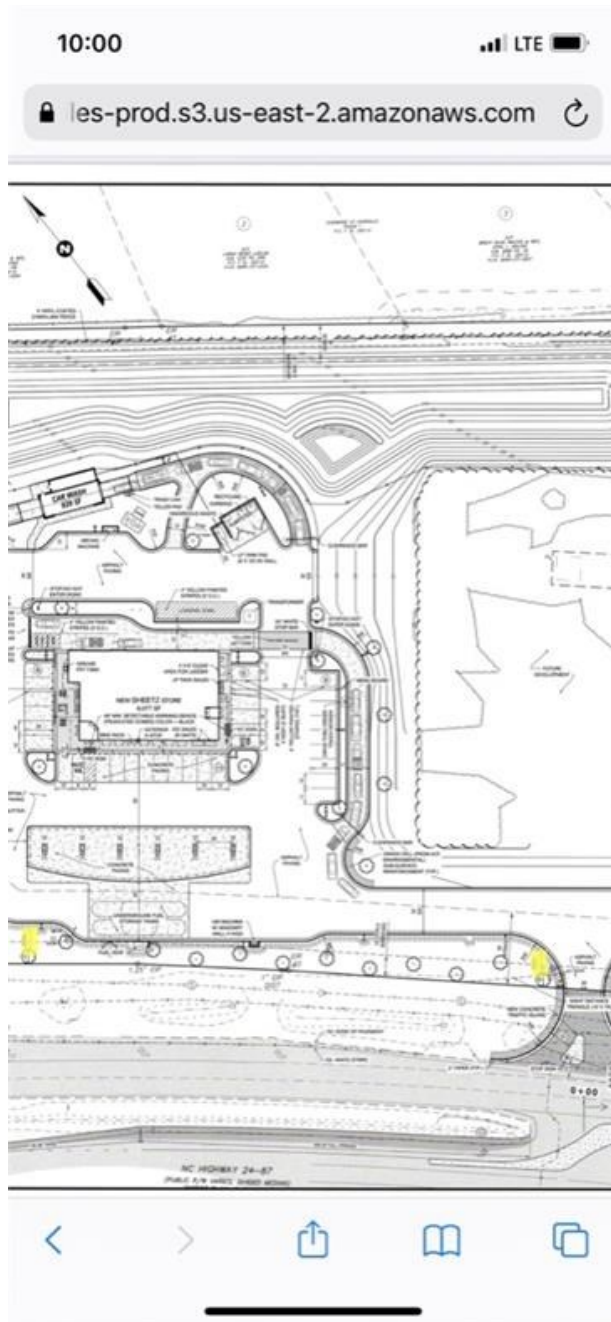
The concrete mix, slump, air content, concrete temperature and elapsed time from batching to placement complied with project specifications. This information is presented on the attached Concrete Placement Record and was communicated to Representative with Gates concrete prior to leaving the site.



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Location of where concrete was poured

CONCRETE PLACEMENT RECORD

CONCRETE - Post Placement - Sample Pickup - Generally Conforms with Required

09/24/2021 - HAZEM ISMAIL - Full Time - 1.50 Hours

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DAILY REPORT

Report #: DR-000030
Report Date: 09/30/2021

S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616
Phone: 919-872-2660
Fax: 919-876-3958

Client:
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214164
Sheetz #716 Cameron
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Picked up concrete test cylinders cast on 9/23 and transported them to S&ME laboratory for curing and compressive strength testing.

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 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.



S&ME, Inc.
 3201 Spring Forest Road
 Raleigh, NC 27616
 Phone: 919-872-2660 | Fax: 919-876-3958

CONCRETE PLACEMENT RECORD

Report #: CPS-000012
Report Date: 09/30/2021

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

Placement Date: 09/24/21	Placement Location: FOUNDATION - Spread	Placement Method:	Technician: HAZEM ISMAIL
Weather: Sunny	Location Details: Foundations for Sheetz signs	Mix Design: F40CBNA (4000 psi)	Specified Strength (psi): 4000
Contractor: Gates concrete		Supplier: 06-S&W Ready Mix Concrete	

Sample	Set	Truck # Ticket #	Load Volume (yd³)	Times	Placement Time (min)	Consistency	Air Content (%)	Unit Weight (lb/ft³)	Concrete Temp (F)	Air Temp (F)	On-Site Admixtures	Specimens Cast	Specimen Size	Sample Type
264833	15	424 2446779	10.00	Batched: 10:11 EDT Arrived: 10:50 EDT		Slump: 4-1/2 in. Spec: 3 - 5	Result: 1.0 Spec: 1 - 3	145.7	80	62	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.



S&ME, Inc.
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CONCRETE - Post Placement - Sample Pickup - Generally Conforms with Required

09/25/2021 - Brent STANLAND - Part Time - 3.00 Hours

Picked up concrete test cylinders cast on September 24, 2021 and transported them to S&ME laboratory for curing and compressive strength testing. The cylinders were initially cured on-site in a shaded area to control the curing temperature. The cylinders were picked up @ 07:00.

Reviewed/Prepared by:
Brian GLIDEWELL
Sep 30, 2021