

CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000027 Sample 264177 28-day Report Date: 10/18/2021

Sample: 264177

S&ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616

Phone: 919-872-2660 Fax: 919-876-3958

Client: Project:

SHEETZ. Inc. 214164

1737 White Kennel Road Sheetz #716 Cameron Burlington, NC 27215 Intersection of Sawyer Rd and NC Hwy 24

Cameron, NC 28326

Sample Details

James MUENCH Set #: 9 Technician: Batched: 11:29 EDT Specimen Size: 4" X 8" Cast By: James MUENCH Sampled: 12:15 EDT **Date Cast:** 09/15/21 Cast: Specimens In Set: 12:20 EDT Truck / Ticket #: 559 / 2446754 Sampled From: Chute Truck Empty: 12:55 EDT Contractor: Ready Contractors **Placement Method:** Chute **Placement Time:** 86 (min)

Location

PAVEMENT Placement Location:

Location Details: Car wash drive through entrance and exit

Sample Location / Notes: Car wash drive exit

Batch Log Specifications 05-S & W Concrete Mix Design: G40CB Strength: 4000 (psi) Supplier: Plant 258 A Air: 4 - 7 (%) Plant: Slump: 3 - 5 (in) On-Site Admixtures: None

Field Measurements

Weather: Clear Slump (in): 3-1/4 (ASTM C143) Plastic Unit Weight: 140.1 (lb/ft³) (ASTM C138)

Air Temperature (F): 85 Concrete Temp (F): 84 (ASTM C1064) Air Content: 5.6 (ASTM C231) **Load Volume:** 9.00 (yd3)

> Standard Cure **Field Cure**

Lab	Test	Results	;
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Testing Lab. Deleigh 2004 Spring Forest Dood Deleigh NC 27646

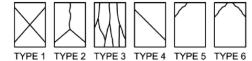
resting Lab: Raieign, 3201 Spring Forest Road, Raieign, NC, 27616										
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
9-1	7	09/22/21	1/6	3.99	12.50	60,960	4,880	3	P7	U
9-2	28	10/13/21	1 / 27	4.00	12.57	81,800	6,510	2	Р	U
9-3	28	10/13/21	1 / 27	4.00	12.57	78,940	6,280	3	Р	U
9-4	28	10/13/21	1 / 27	4.00	12.57	79,345	6,310	2	Р	U
9-5	28 H	10/13/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 4880, 28 Day - 6370

Capping Methods P7: The 7-day compressive strength test result meets or exceeds 70% of the 28-day specified strength. U: Unbonded Caps (ASTM C1231) P: The compressive strength test result meets or exceeds the 28-day specified strength.

Tested By: Mal KRAJAN (1), Kara GREGORY (2,3,4,5)

Checked In: 09/16/2021 (1,2,3,4,5)



Reviewed/Prepared by: Jan ROSS Oct 18, 2021