



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000030
Sample 264515 28-day
Report Date: 10/20/2021
Sample: 264515

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

Sample Details			
Set #:	13	Technician:	Brent STANLAND
Specimen Size:	4" X 8"	Cast By:	Brent STANLAND
Specimens In Set:	5	Date Cast:	09/20/21
Truck / Ticket #:	1107 / 2446767	Sampled From:	Chute
Contractor:	Ready Contractors	Placement Method:	Chute
Batched:	10:25 EDT	Sampled:	11:15 EDT
		Cast:	11:16 EDT
		Truck Empty:	11:22 EDT
		Placement Time:	57 (min)

Location	
Placement Location:	PAVEMENT
Location Details:	Concrete pavement at Drive-Thru
Sample Location / Notes:	West end of Drive-Thru pavement area

Batch Log	Specifications
Supplier: 05-S & W Concrete	Strength: 4000 (psi)
On-Site Admixtures: None	

Field Measurements			
Weather: Overcast	Slump (in): 4-1/4 (ASTM C143)	Plastic Unit Weight: 148.4 (lb/ft³) (ASTM C138)	
Air Temperature (F): 79	Concrete Temp (F): 86 (ASTM C1064)	Air Content: 4.7 (ASTM C231)	
		Load Volume: 10.00 (yd³)	

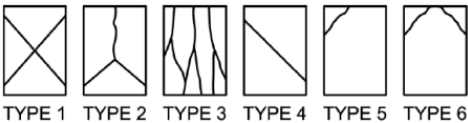
Standard Cure	Field Cure

Lab Test Results

Testing Lab: Raleigh, 3201 Spring Forest Road, Raleigh, 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
13-1	7	09/27/21	1 / 6	4.00	12.57	49,090	3,910	3	P7	U
13-2	28	10/18/21	1 / 27	4.00	12.57	64,070	5,100	2	P	U
13-3	28	10/18/21	1 / 27	4.00	12.57	71,670	5,700	2	P	U
13-4	28	10/18/21	1 / 27	4.00	12.57	73,750	5,870	2	P	U
13-5	28 H	10/18/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 3910, 28 Day - 5560

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: Kara GREGORY (1,2,3,4,5)	
Checked In : 09/21/2021 (1,2,3,4,5)	



Reviewed/Prepared by:
Jan ROSS
Oct 20, 2021