



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000028
Sample 264499 28-day
Report Date: 10/18/2021
Sample: 264499

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 #:	11	Technician:	Contractor
Specimen Size:	4" X 8"	Cast By:	Contractor
Specimens In Set:	5	Date Cast:	09/17/21
Truck / Ticket #:		Sampled From:	Chute
Contractor:	Gates Concrete & Construction	Placement Method:	
Batched:		Sampled:	12:00 EDT
		Cast:	12:01 EDT
		Truck Empty:	
		Placement Time:	

Location	
Placement Location:	PAVEMENT - Approach
Location Details:	Concrete Pavement Area 6, northeast side of building
Sample Location / Notes:	Concrete Pavement Area #6

Batch Log		Specifications	
Supplier:	05-S & W Concrete	Mix Design:	G40CB
Plant:	Plant 258 A	Strength:	4000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:		Consistency:	Slump
Air Temperature (F):		Concrete Temp (F):	
		Plastic Unit Weight:	
		Air Content:	
		Load Volume:	

Standard Cure	Field Cure

Lab Test Results

Testing Lab: Raleigh, 3201 Spring Forest Road, Raleigh, NC, 27616

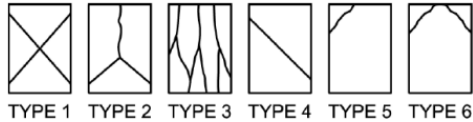
Specimen Number	Test Age Days	Test Date	Field / Lab Cure Days	Average Cylinder Diameter (in)	Cylinder Area (in ²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
11-1	7	09/24/21	3 / 4	3.99	12.50	42,490	3,400	3	P7	U
11-2	28	10/15/21	3 / 25	4.00	12.57	58,780	4,680	5	P	U
11-3	28	10/15/21	3 / 25	4.00	12.57	59,590	4,740	2	P	U
11-4	28	10/15/21	3 / 25	4.00	12.57	54,545	4,340	2	P	U
11-5	28 H	10/15/21	3 / 25							

Test Age Average Strengths (psi): 7 Day - 3400, 28 Day - 4590

Capping Methods	
P7: The 7-day compressive strength test result meets or exceeds 70% of the 28-day specified strength. 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 : 09/20/2021 (1,2,3,4,5)	U: Unbonded Caps (ASTM C1231)

General Remarks

11-5: Samples Cast By Contractor. S&ME Not Onsite



Reviewed/Prepared by:
Jan ROSS
Oct 18, 2021