



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000018
Sample 264491 7-day
Report Date: 09/28/2021
Sample: 264491

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 #:	10	Technician:	Brent STANLAND	Batched:	07:41 EDT
Specimen Size:	4" X 8"	Cast By:	Brent STANLAND	Sampled:	08:19 EDT
Specimens In Set:	5	Date Cast:	09/20/21	Cast:	08:20 EDT
Truck / Ticket #:	2016 / 2446763	Sampled From:	Chute	Truck Empty:	08:49 EDT
Contractor:	Gates Concrete & Construction	Placement Method:		Placement Time:	68 (min)

Location

Placement Location:	PAVEMENT - Approach
Location Details:	Concrete pavement area at NW side of building
Sample Location / Notes:	North corner of pavement area

Batch Log

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

Specifications

Field Measurements

Weather:	Overcast	Slump (in):	4-3/4 (ASTM C143)	Plastic Unit Weight:	148.1 (lb/ft³) (ASTM C138)
Air Temperature (F):	73	Concrete Temp (F):	83 (ASTM C1064)	Air Content:	5.0 (ASTM C231)
				Load Volume:	10.00 (yd³)

Standard Cure

Field Cure

Lab Test Results

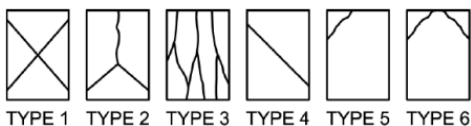
Testing Lab: Raleigh, 3201 Spring Forest Road, Raleigh, NC, 27616

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
10-1	7	09/27/21	1 / 6	4.00	12.57	50,875	4,050	3	P7	U
10-2	28	10/18/21	1 / 27							
10-3	28	10/18/21	1 / 27							
10-4	28	10/18/21	1 / 27							
10-5	28 H	10/18/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 4050

Capping Methods

P7: The 7-day compressive strength test result meets or exceeds 70% of the 28-day specified strength. Tested By: Kara GREGORY (1)	U: Unbonded Caps (ASTM C1231)
Checked In : 09/21/2021 (1,2,3,4,5)	



Reviewed/Prepared by:
Jan ROSS
Sep 28, 2021