



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000029
 Sample 264491 28-day
 Report Date: 10/20/2021
 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
Specimen Size:	4" X 8"	Cast By:	Brent STANLAND
Specimens In Set:	5	Date Cast:	09/20/21
Truck / Ticket #:	2016 / 2446763	Sampled From:	Chute
Contractor:	Gates Concrete & Construction	Placement Method:	
Batched:	07:41 EDT	Sampled:	08:19 EDT
Cast:	08:20 EDT	Truck Empty:	08:49 EDT
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		Specifications	
Supplier:	05-S & W Concrete	Mix Design:	G40CB
Plant:	Plant 258 A	Strength:	4000 (psi)
On-Site Admixtures:	None		

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

Standard Cure	Field Cure

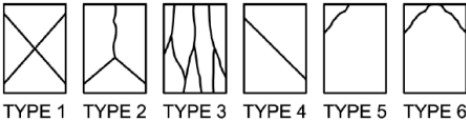
Lab Test Results

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	4.00	12.57	63,605	5,060	5	P	U
10-3	28	10/18/21	1 / 27	4.00	12.57	59,590	4,740	5	P	U
10-4	28	10/18/21	1 / 27	4.00	12.57	62,435	4,970	2	P	U
10-5	28 H	10/18/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 4050, 28 Day - 4920

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: Kara GREGORY (1,2,3,4,5) Checked In : 09/21/2021 (1,2,3,4,5)	U: Unbonded Caps (ASTM C1231)



Reviewed/Prepared by:
 Jan ROSS
 Oct 20, 2021