



# CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000008  
 Sample 256978 28-day  
 Report Date: 08/11/2021  
 Sample: 256978

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 #:	3	Technician:	WILLIAM PARKER
Specimen Size:	4" X 8"	Cast By:	WILLIAM PARKER
Specimens In Set:	5	Date Cast:	07/07/21
Truck / Ticket #:	4356 / 386762	Sampled From:	Chute
Contractor:	Mid-Carolina Masonry	Placement Method:	Curb & Gutter Machine
Batched:	15:35 EDT	Sampled:	16:28 EDT
Cast:	16:43 EDT	Truck Empty:	17:55 EDT
Placement Time:	140 (min)		

Location	
Placement Location:	BUILDING - Foundation Wall
Location Details:	Exterior wall foundation 1 - 6
Sample Location / Notes:	Exterior wall foundation 1 - 6

Batch Log		Specifications	
Supplier:	05-Concrete Service Company	Mix Design:	30CFNPSA
Plant:	3	Strength:	3000 (psi)
On-Site Admixtures:	None		

Field Measurements			
Weather:	Slump (in):	6-1/2 (ASTM C143)	Plastic Unit Weight: 137.2 (lb/ft³) (ASTM C138)
Air Temperature (F):	Concrete Temp (F):	85 (ASTM C1064)	Air Content: 2.5 (ASTM C231)
			Load Volume:

Standard Cure	Field Cure

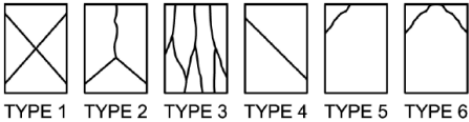
## Lab Test Results

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 (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Break Remark	Capping Method
3-1	7	07/14/21	1 / 6	3.99	12.50	30,350	2,430	3	P7	U
3-2	28	08/04/21	1 / 27	3.99	12.50	47,900	3,830	2	P	U
3-3	28	08/04/21	1 / 27	3.99	12.50	43,960	3,520	6	P	U
3-4	28	08/04/21	1 / 27	3.99	12.50	48,940	3,920	2	P	U
3-5	28 H	08/04/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 2430, 28 Day - 3760

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), Melody BREWER (2,3,4,5) Checked In : 07/08/2021 (1,2,3,4,5)	U: Unbonded Caps (ASTM C1231)



Reviewed/Prepared by:  
 Jan ROSS  
 Aug 11, 2021