



# CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000026  
Sample 266150 7-day  
Report Date: 10/12/2021  
Sample: 266150

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 #:	17	Technician:	HAZEM ISMAIL
Specimen Size:	4" X 8"	Cast By:	HAZEM ISMAIL
Specimens In Set:	5	Date Cast:	10/04/21
Truck / Ticket #:	2016 / 2446792	Sampled From:	Chute
Contractor:	Gates	Placement Method:	Chute
Batched:	12:37 EDT	Sampled:	13:05 EDT
Cast:	13:17 EDT	Truck Empty:	13:42 EDT
Placement Time:	65 (min)		

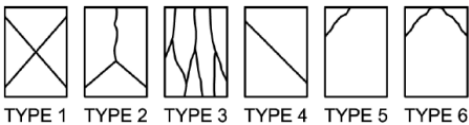
Location	
Placement Location:	PAVEMENT
Location Details:	Light poles
Sample Location / Notes:	Light poles

Batch Log		Specifications	
Supplier:	05-S & W Concrete	Mix Design:	G40CB
Plant:	Plant 258 A	Strength:	4000 (psi)
On-Site Admixtures:	None	Air:	4 - 7 (%)
		Slump:	5 - 7 (in)

Field Measurements			
Weather:	Sunny	Slump (in):	6 (ASTM C143)
Air Temperature (F):	80	Concrete Temp (F):	80 (ASTM C1064)
		Plastic Unit Weight:	143.9 (lb/ft³) (ASTM C138)
		Air Content:	4.5 (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
17-1	7	10/11/21	1 / 6	4.00	12.57	54,850	4,360	2	P7	U
17-2	28	11/01/21	1 / 27							
17-3	28	11/01/21	1 / 27							
17-4	28	11/01/21	1 / 27							
17-5	28 H	11/01/21	1 / 27							
Test Age Average Strengths (psi): 7 Day - 4360										
								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)		
Tested By: Kara GREGORY (1)										
Checked In : 10/05/2021 (1,2,3,4,5)										



Reviewed/Prepared by:  
Jan ROSS  
Oct 12, 2021