



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000011
 Sample 259098 7-day
 Report Date: 08/11/2021
 Sample: 259098

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 #:	6	Technician:	JAMES MABRY
Specimen Size:	4" X 8"	Cast By:	JAMES MABRY
Specimens In Set:	5	Date Cast:	07/28/21
Truck / Ticket #:	0692 / 2446420	Sampled From:	Chute
Contractor:	Guardian Fueling Technologies	Placement Method:	Chute
Batched:	12:36 EDT	Sampled:	13:17 EDT
Cast:	13:31 EDT	Truck Empty:	13:58 EDT
Placement Time:	82 (min)		

Location	
Placement Location:	CANOPY - Foundation
Location Details:	Eight Canopy footings - C1, C2, C4, C6, C8, C10, C11 and C12
Sample Location / Notes:	Canopy footing C11

Batch Log		Specifications	
Supplier:	05-S & W Concrete	Mix Design:	F35CNA
Plant:	Plant 24	Strength:	3500 (psi)
On-Site Admixtures:	None	Air:	0.0 - 3.0 (%)
		Slump:	3 - 5 (in)

Field Measurements			
Weather:	Sunny	Slump (in):	4-1/2 (ASTM C143)
Air Temperature (F):	91	Concrete Temp (F):	95 (ASTM C1064)
		Plastic Unit Weight:	147.3 (lb/ft³) (ASTM C138)
		Air Content:	1.2 (ASTM C231)
		Load Volume:	10.00 (yd³)

Standard Cure	Field Cure

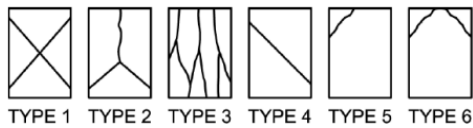
Lab Test Results

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
6-1	7	08/04/21	1 / 6	3.99	12.50	39,560	3,170	5	P7	U
6-2	28	08/25/21	1 / 27							
6-3	28	08/25/21	1 / 27							
6-4	28	08/25/21	1 / 27							
6-5	28 H	08/25/21	1 / 27							

Test Age Average Strengths (psi): 7 Day - 3170

Capping Methods	
P7: The 7-day compressive strength test result meets or exceeds 70% of the 28-day specified strength. Tested By: Melody BREWER (1) Checked In : 07/29/2021 (1,2,3,4,5)	U: Unbonded Caps (ASTM C1231)



Reviewed/Prepared by:
 Jan ROSS
 Aug 11, 2021