



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000001
Report Date: 07/08/2021
Sample: 256447

S&ME, Inc.
8646 West Market Street, Suite 105
Greensboro, NC 27409
Phone: 336-288-7180
Fax: 336-288-8980

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 #:	2	Technician:	Brent STANLAND
Specimen Size:	4" X 8"	Cast By:	Brent STANLAND
Specimens In Set:	5	Date Cast:	06/30/21
Truck / Ticket #:	0692 / 2446216	Sampled From:	Chute
Contractor:	Gates Concrete & Construction	Placement Method:	Pump
Batched:	13:28 EDT	Sampled:	14:05 EDT
Cast:	14:06 EDT	Truck Empty:	14:25 EDT
Placement Time:	57 (min)		

Location	
Placement Location:	WALL
Location Details:	Car Wash Wall
Sample Location / Notes:	Car Wash Center of South Wall

Batch Log		Specifications	
Supplier:	05-S & W Concrete	Mix Design:	F30CBNA
Plant:	Plant 24	Strength:	3000 (psi)
On-Site Admixtures:	None	Slump:	3 - 5 (in)

Field Measurements			
Weather:	sunny	Slump (in):	4 (ASTM C143)
Air Temperature (F):	93	Concrete Temp (F):	84 (ASTM C1064)
Plastic Unit Weight:	145.1 (lb/ft³) (ASTM C138)	Air Content:	2.2 (ASTM C231)
Load Volume:	10 (yd³)		

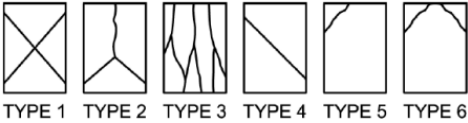
Lab Test Results

Testing Lab: Greensboro, 8646 West Market Street, Suite 105, Greensboro, NC, 27409

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
2-1	8	07/08/21	7 / 1	4.02	12.69	31,510	2,480	5		U
2-2	28	07/28/21	7 / 21							
2-3	28	07/28/21	7 / 21							
2-4	28	07/28/21	7 / 21							
2-5	28 H	07/28/21	7 / 21							

Test Age Average Strengths (psi): 8 Day - 2480

Capping Methods	
Tested By: Jimmy THOMASSON II (1)	U: Unbonded Caps (ASTM C1231)
Checked In : 07/07/2021 (1,2,3,4,5)	



Reviewed/Prepared by:
Lisa STAFFORD
Jul 08, 2021