



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000004
 Report Date: 07/28/2021
 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:	10.00 (yd³)

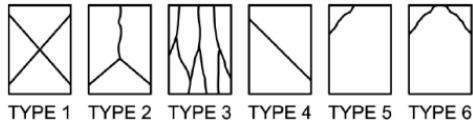
Lab Test Results

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	4.02	12.69	43,400	3,420	5	P	U
2-3	28	07/28/21	7 / 21	4.02	12.69	43,500	3,430	5	P	U
2-4	28	07/28/21	7 / 21	4.02	12.69	42,220	3,330	3	P	U
2-5	28 H	07/28/21	7 / 21							

Test Age Average Strengths (psi): 8 Day - 2480, 28 Day - 3390

Capping Methods	
P: The compressive strength test result meets or exceeds the 28-day specified strength.	U: Unbonded Caps (ASTM C1231)
Tested By: Jimmy THOMASSON II (1,2,3,4,5)	
Checked In : 07/07/2021 (1,2,3,4,5)	



Reviewed/Prepared by:
 Lisa STAFFORD
 Jul 28, 2021