

## CONCRETE COMPRESSIVE STRENGTH Test Method: ASTM C39

Report #: CC-000013 Sample 262888 7-day Report Date: 09/10/2021 Sample: 262888

S&ME, Inc. 3201 Spring Forest Road Raleigh, NC 27616 Phone: 919-872-2660 Fax: 919-876-3958

SHEETZ, Inc. 1737 White Kennel Road Burlington, NC 27215

**Client:** 

Project:

214164 Sheetz #716 Cameron Intersection of Sawyer Rd and NC Hwy 24 Cameron, NC 28326

				Sa	mple Detail	S					
Set #:				Technician:	David GA	David GALLIMORE			12:36 EDT		
Specimen Size: 4" X 8"			Cast By:	David GA	David GALLIMORE			13:16 EDT			
Specimens In Set: 5			Date Cast:	09/02/21	09/02/21			13:28 EDT			
Truck / Ticket #: 0722 / 2446629			Sampled From:	Chute	Chute		/:	13:38 EDT			
Contractor: Ready Contractors			Placement Method: Chute			Placement Time:		62 (min)			
					Location						
Placement Location: PAVEMENT											
Location Details: Sensored areas at entrance and exit of car wash											
Sample Lo	ocation / No	tes: Carv	wash exit								
Batch Log							Specifications				
Supplier: 05-S & W Concrete			Mix Design: F40CB			Strength:		4000 (psi)			
Plant:		258 A					Air:		4.5 - 7.5 (%)		
On-Site Admixtures: None							Slump:	3 - 5 (in)			
				Field	Measurem	ents					
Weather: Sunny				Slump (in): 4-1/4 (		STM C143) Plastic Unit		t Weight: 148.1 (lb/ft <sup>3</sup> ) (ASTM C138)			
Air Temperature (F): 78				Concrete Temp (F): 86 (ASTM C1064)		Air Content: 4.5 (ASTM C231)					
,							Load Volume:		9.00 (yd³)		
Standard Cure						Field Cure					
		Stand	ard Cure				Fiel	d Cure			
		Stand	ard Cure	Lab	Test Resu	lts	Fiel	d Cure			
Testing La	<b>ıb:</b> Raleiah.				Test Resu	lts	Fiel	d Cure			
	ib: Raleigh,		Forest Road	, Raleigh, NC, 27616		lts Max Load			e Break	Capping	
Testing La Specimen Number		3201 Spring		, Raleigh, NC, 27616	Cylinder Area (in <sup>2</sup> )		Fiel Strength (psi)	d Cure Fracture Type	e Break Remark	Capping Method	
Specimen	Test	3201 Spring	Forest Road	, Raleigh, NC, 27616	Cylinder	Max Load	Strength	Fracture			
Specimen Number	Test Age Days	3201 Spring Test Date	Forest Road Field / Lab Cure Days	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number 7-1	Test Age Days 7	3201 Spring Test Date 09/09/21	Forest Road Field / Lab Cure Days 7 / 0	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number 7-1 7-2	Test Age Days 7 28	3201 Spring Test Date 09/09/21 09/30/21	Forest Road Field / Lab Cure Days 7 / 0 7 / 21	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number   7-1   7-2   7-3	Test Age Days 7 28 28 28	3201 Spring <b>Test</b> Date 09/09/21 09/30/21 09/30/21	Forest Road Field / Lab Cure Days 7 / 0 7 / 21 7 / 21	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number   7-1   7-2   7-3   7-4   7-5	Test   Age Days   7   28   28   28   28   28   28   28   28	3201 Spring <b>Test</b> <b>Date</b> 09/09/21 09/30/21 09/30/21 09/30/21 09/30/21	Forest Road Field / Lab Cure Days 7 / 0 7 / 21 7 / 21 7 / 21	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
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Specimen Number   7-1   7-2   7-3   7-4   7-5   Test Age A	Test Age Days 7 28 28 28 28 28 28 4 verage Str	3201 Spring <b>Test</b> <b>Date</b> 09/09/21 09/30/21 09/30/21 09/30/21 engths (psi	Forest Road Field / Lab Cure Days 7 / 0 7 / 21 7 / 21	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99	Cylinder Area (in²) 12.50	Max Load (lbs) 49,430	Strength (psi) 3,950	Fracture Type 5	Remark P7	Method U	
Specimen Number   7-1   7-2   7-3   7-4   7-5   Test Age A   P7: The 7-0	Test Age Days 7 28 28 28 28 28 28 4 verage Str	3201 Spring Test Date 09/09/21 09/30/21 09/30/21 09/30/21 09/30/21 engths (psi ssive strengt	Forest Road Field / Lab Cure Days 7 / 0 7 / 21 7 / 21	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99 	Cylinder Area (in²) 12.50	Max Load (lbs) 49,430	Strength (psi) 3,950	Fracture Type 5	Remark P7	Method U	
Specimen Number   7-1   7-2   7-3   7-4   7-5   Test Age A   P7: The 7-0   Tested By	Test Age Days 7 28 28 28 28 28 28 4 verage Str day compres : Melody BR	3201 Spring Test Date 09/09/21 09/30/21 09/30/21 09/30/21 09/30/21 engths (psi ssive strengt	Forest Road Field / Lab Cure Days 7 / 0 7 / 21 7 / 21	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99 	Cylinder Area (in²) 12.50	Max Load (lbs) 49,430	Strength (psi) 3,950	Fracture Type 5	Remark P7	Method U	

TYPE 1 TYPE 2 TYPE 3 TYPE 4 TYPE 5 TYPE 6

Reviewed/Prepared by: Jan ROSS Sep 10, 2021