

CONCRETE COMPRESSIVE STRENGTH Test Method: ASTM C39

Report #: CC-000016 Sample 264177 7-day Report Date: 09/23/2021 Sample: 264177

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:	James MI	James MUENCH			11:29 EDT		
Specimen Size: 4" X 8"			Cast By:	James MI	James MUENCH			12:15 EDT			
Specimens In Set: 5			Date Cast:	09/15/21	09/15/21			12:20 EDT			
Truck / Ticket #: 559 / 2446754			Sampled From:	Chute	Chute		/:	12:55 EDT			
Contractor: Ready Contractors			Placement Method:	Chute	Chute		ïme:	86 (min)			
					Location						
Placement Location: PAVEMENT											
Location Details: Car wash drive through entrance and exit											
Sample Lo	ocation / No	tes: Carv	wash drive ex	tit			-				
Batch Log							Specifications				
Supplier: 05-S & W Concrete				Mix Design: G40CB			Strength:		4000 (psi)		
Plant: Plant 258 A							Air:		4 - 7 (%)		
On-Site Admixtures: None							Slump:	3 - 5 (in)			
				Field	Measureme	ents					
Weather: Clear				Slump (in):	3-1/4 (AS	3-1/4 (ASTM C143)		Plastic Unit Weight:		140.1 (lb/ft3) (ASTM C138)	
Air Temperature (F): 85				Concrete Temp (F):	: 84 (ASTN	l C1064)	Air Content: 5.6 (ASTM C231)				
							Load Volume: 9.00 (yd ³)				
Standard Cure						Field Cure					
		Stand	ard Cure				Fiel	d Cure			
		Stand	ard Cure	Lab	Test Resu	Its	Fiel	d Cure			
Testing La	ab: Raleigh,				Test Resu	lts	Fiel	d Cure			
Testing La	ab: Raleigh,			, Raleigh, NC, 27616		lts Max Load			e Break	Capping	
		3201 Spring	Forest Road	, Raleigh, NC, 27616	Test Resul Cylinder Area (in²)		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 9-1	Test Age Days 7	3201 Spring Test Date 09/22/21	Forest Road Field / Lab Cure Days 1 / 6	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number 9-1 9-2	Test Age Days 7 28	3201 Spring Test Date 09/22/21 10/13/21	Forest Road Field / Lab Cure Days 1 / 6 1 / 27	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number 9-1 9-2 9-3	Test Age Days 7 28 28	3201 Spring Test Date 09/22/21 10/13/21 10/13/21	Forest Road Field / Lab Cure Days 1/6 1/27 1/27	, Raleigh, NC, 27616 Average Cylinder Diameter (in)	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number 9-1 9-2 9-3 9-4 9-5	Test Age Days 7 28 28 28 28 28 28 28 28	3201 Spring Test Date 09/22/21 10/13/21 10/13/21 10/13/21	Forest Road Field / Lab Cure Days 1 / 6 1 / 27 1 / 27 1 / 27	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type	Remark	Method	
Specimen Number 9-1 9-2 9-3 9-4 9-5	Test Age Days 7 28 28 28 28 28 28 28 28	3201 Spring Test Date 09/22/21 10/13/21 10/13/21 10/13/21	Forest Road Field / Lab Cure Days 1 / 6 1 / 27 1 / 27 1 / 27 1 / 27	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99	Cylinder Area (in²)	Max Load (lbs)	Strength (psi)	Fracture Type 3	Remark	Method U	
Specimen Number 9-1 9-2 9-3 9-4 9-5 Test Age A	Test Age Days 7 28 28 28 28 28 28 H Average Str	3201 Spring Test Date 09/22/21 10/13/21 10/13/21 10/13/21 engths (psi	Forest Road Field / Lab Cure Days 1 / 6 1 / 27 1 / 27	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99	Cylinder Area (in²) 12.50	Max Load (lbs) 60,960	Strength (psi) 4,880	Fracture Type 3	Remark P7	Method U	
Specimen Number 9-1 9-2 9-3 9-4 9-5 Test Age A P7: The 7-0	Test Age Days 7 28 28 28 28 28 28 H Average Str	3201 Spring Test Date 09/22/21 10/13/21 10/13/21 10/13/21 10/13/21 engths (psi ssive strengt	Forest Road Field / Lab Cure Days 1 / 6 1 / 27 1 / 27	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99 3.99	Cylinder Area (in²) 12.50	Max Load (lbs) 60,960	Strength (psi) 4,880	Fracture Type 3	Remark P7 Capping Metho	Method U	
Specimen Number 9-1 9-2 9-3 9-4 9-5 Test Age A P7: The 7-0 Tested By	Test Age Days 7 28 28 28 28 28 28 H Average Str day comprese : Mal KRAJ/	3201 Spring Test Date 09/22/21 10/13/21 10/13/21 10/13/21 10/13/21 engths (psi ssive strengt	Forest Road Field / Lab Cure Days 1 / 6 1 / 27 1 / 27 h test result r	, Raleigh, NC, 27616 Average Cylinder Diameter (in) 3.99 3.99	Cylinder Area (in²) 12.50	Max Load (lbs) 60,960	Strength (psi) 4,880	Fracture Type 3	Remark P7 Capping Metho	Method U	

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

Reviewed/Prepared by: Jan ROSS Sep 23, 2021