



CONCRETE COMPRESSIVE STRENGTH

Test Method: ASTM C39

Report #: CC-000023
Sample 264833 7-day
Report Date: 10/01/2021
Sample: 264833

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 #: | 15 | Technician: | HAZEM ISMAIL |
| Specimen Size: | 4" X 8" | Cast By: | HAZEM ISMAIL |
| Specimens In Set: | 5 | Date Cast: | 09/24/21 |
| Truck / Ticket #: | 424 / 2446779 | Sampled From: | Chute |
| Contractor: | Gates Concrete | Placement Method: | |
| Batched: | 10:11 EDT | Sampled: | 10:55 EDT |
| | | Cast: | 11:00 EDT |
| | | Truck Empty: | |
| | | Placement Time: | |

| Location | |
|--------------------------|-------------------------|
| Placement Location: | FOUNDATION - Spread |
| Location Details: | Sheetz sign foundations |
| Sample Location / Notes: | Sheetz sign foundations |

| Batch Log | | Specifications | |
|---------------------|---------------------------|----------------|------------|
| Supplier: | 06-S&W Ready Mix Concrete | Mix Design: | F40CBNA |
| On-Site Admixtures: | None | Strength: | 4000 (psi) |
| | | Air: | 1 - 3 (%) |
| | | Slump: | 3 - 5 (in) |

| Field Measurements | | | |
|----------------------|-------|----------------------|----------------------------|
| Weather: | Sunny | Slump (in): | 4-1/2 (ASTM C143) |
| Air Temperature (F): | 62 | Concrete Temp (F): | 80 (ASTM C1064) |
| | | Plastic Unit Weight: | 145.7 (lb/ft³) (ASTM C138) |
| | | Air Content: | 1.0 (ASTM C231) |
| | | Load Volume: | 10.00 (yd³) |

| Standard Cure | Field Cure |
|---------------|------------|
| | |

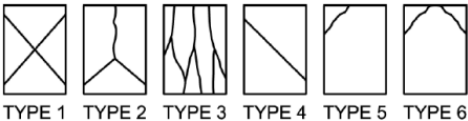
Lab Test Results

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 |
|-----------------|---------------|-----------|-----------------------|--------------------------------|---------------------|----------------|----------------|---------------|--------------|----------------|
| 15-1 | 7 | 10/01/21 | 1 / 6 | 3.99 | 12.50 | 47,460 | 3,800 | 3 | P7 | U |
| 15-2 | 28 | 10/22/21 | 1 / 27 | | | | | | | |
| 15-3 | 28 | 10/22/21 | 1 / 27 | | | | | | | |
| 15-4 | 28 | 10/22/21 | 1 / 27 | | | | | | | |
| 15-5 | 28 H | 10/22/21 | 1 / 27 | | | | | | | |

Test Age Average Strengths (psi): 7 Day - 3800

| Capping Methods | |
|--|-------------------------------|
| P7: The 7-day compressive strength test result meets or exceeds 70% of the 28-day specified strength. Tested By: Mal KRAJAN (1) | U: Unbonded Caps (ASTM C1231) |
| Checked In : 09/25/2021 (1,2,3,4,5) | |



Reviewed/Prepared by:
Jan ROSS
Oct 01, 2021