



## CONCRETE CYLINDER COMPRESSIVE STRENGTH: K47291

**CLIENT:** CLAYTON PROPERTIES GROUP, INC.  
DBA SUMMIT HOMES  
120 SE 30TH ST  
LEE'S SUMMIT, MO 64082

**REPORT NO:** K47291  
**REPORT DATE:** 7/15/2022  
**SERVICE DATE:** 7/7/2022

**PROJECT:** R20-21-214  
OSAGE 3RD PLAT

**AUTHORIZATION:**  
**CONTRACTOR:**

**SERVICES:** Sample concrete at location of placement, perform required field tests, prepare and test concrete compressive strength specimens.

### Sample Information

**CONCRETE SUPPLIER:** Geiger

**PLANT:** Lee's Summit

**CLASS OF CONCRETE:** KC4KBDM40Q

**SPECIFICATION REQUIREMENTS:**

**STRENGTH:** 4000 psi @ 28 days

**SLUMP:** 4 +/-1

**AIR:** 6.5 +/-1.5

**TEST METHODS:**

**SAMPLING:** ASTM C172

**AIR CONTENT:** ASTM C231

**MOLDING & CURING:** ASTM C31

**UNIT WEIGHT:**

**SLUMP:** ASTM C143

**CAPPING / PADS:** ASTM C1231

**TEMPERATURE:** ASTM C1064

**TESTING:** ASTM C39

**PLACEMENT DATE:** 7/7/2022

**PLACEMENT LOCATION:** Street Curb near intersection of SW Osage Dr and  
SW Clayton Place

**BATCH TIME:** 10:21

**TRUCK NO:** 354

**TIME SAMPLED:** 11:10

**WEATHER:** Partly Cloudy

**AIR TEMP:** 75 °F

**MEASURED SLUMP:** 5.5 in

**AIR CONTENT:** 6.4 %

**WATER ADDED @ SITE:** 1 gal

**TICKET NO:** 859035

**SAMPLED BY:** JON SHROUT

**CONCRETE TEMP:** 86 °F

**UNIT WEIGHT:** pcf

### Test Results

Mark	Date Tested	Age (days)	Avg. Diameter (in)	Area (in <sup>2</sup> )	Max Load (lbs)	Comp. Strength (psi)	Fracture Type	Remarks
A	7/14/2022	7	4.00	12.57	48130	3830	TYPE 5	
B	8/4/2022	28	0.00	0	0	0		
C	8/4/2022	28	0.00	0	0	0		
D	4/1/2025	Hold	0.00	0	0	0		

**TECHNICIAN:** Jon Shrout  
Engineering Technician

**REPORT DISTRIBUTION:**

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