

## CONCRETE CYLINDER COMPRESSIVE STRENGTH: K44211

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

**REPORT NO:** K44211  
**REPORT DATE:** 1/6/2022  
**SERVICE DATE:** 12/8/2021

**PROJECT:** R20-21-125  
OSAGE 2ND 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:** KC4KDM10Q

**SPECIFICATION REQUIREMENTS:**

**STRENGTH:** 4000 psi @ 28 days

**SLUMP:** 0-2

**AIR:**

**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:** 12/8/2021

**PLACEMENT LOCATION:** Holdbrooks and Clayton intersection curb  
(northbound)

**BATCH TIME:** 0848

**TRUCK NO:** 438

**TICKET NO:** 847584

**TIME SAMPLED:** 0915

**SAMPLED BY:** DAKOTA BYNUM

**WEATHER:** clear

**AIR TEMP:** 34 °F

**CONCRETE TEMP:** 70 °F

**MEASURED SLUMP:** 1 in

**AIR CONTENT:** 7 %

**UNIT WEIGHT:** pcf

**WATER ADDED @ SITE:** gal

### 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	12/15/2021	7	4.00	12.57	57740	4590	TYPE 3	
B	1/5/2022	28	4.00	12.57	75500	6010	TYPE 3	
C	1/5/2022	28	4.00	12.57	76550	6090	TYPE 3	

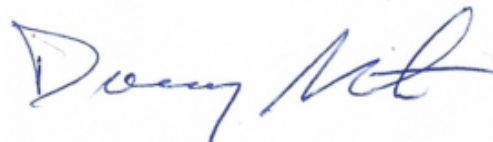
**TECHNICIAN:** Dakota Bynum  
Engineering Technician

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DOUG ARTH, R.G.  
REGISTERED GEOLOGIST