



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: 8/4/2022
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 ²)	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	4.00	12.57	67590	5380	TYPE 2	
C	8/4/2022	28	4.00	12.57	67030	5330	TYPE 5	

28 day average strength: 5355 psi

TECHNICIAN: Jon ShROUT
Engineering Technician

REPORT DISTRIBUTION:

HANNAH
TRAVIS RUF
DIANA JOHNSON
HANNAH
TRAVIS RUF

DIANA JOHNSON

KANSAS CITY TESTING & ENGINEERING, LLC,

DOUG ARTH, R.G.
REGISTERED GEOLOGIST