

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 ²)	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	

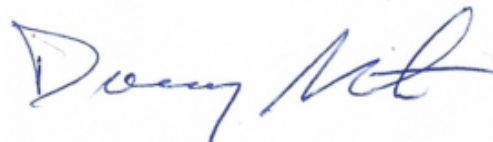
TECHNICIAN: Dakota Bynum
Engineering Technician

REPORT DISTRIBUTION:

HANNAH HIATT
BRADLEY
JONATHAN MYERS
KEVIN PEDERSON
TRAVIS RUF

DIANA JOHNSON

KANSAS CITY TESTING & ENGINEERING, LLC,



DOUG ARTH, R.G.
REGISTERED GEOLOGIST