



CONCRETE CYLINDER COMPRESSIVE STRENGTH: K44256

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

REPORT NO: K44256
REPORT DATE: 1/10/2022
SERVICE DATE: 12/10/2021

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: KC4KDM20Q

SPECIFICATION REQUIREMENTS:

STRENGTH: 4000 psi @ 28 days

SLUMP: 1-3

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: 12/10/2021

PLACEMENT LOCATION: North bound drainage system on Clayton

BATCH TIME: 0825

TRUCK NO: 454

TICKET NO: 847805

TIME SAMPLED: 0845

SAMPLED BY: DAKOTA BYNUM

WEATHER: clear

AIR TEMP: 46 °F

CONCRETE TEMP: 68 °F

MEASURED SLUMP: 1 in

AIR CONTENT: 6.4 %

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	12/17/2021	7	4.00	12.57	56940	4530	TYPE 2	
B	1/7/2022	28	4.00	12.57	74590	5930	TYPE 2	
C	1/7/2022	28	4.01	12.63	75400	5970	TYPE 3	

TECHNICIAN: Dakota Bynum
Engineering Technician

REPORT DISTRIBUTION:

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