

REPORT OF CONCRETE COMPRESSIVE STRENGTH

CLIENT: GRIFFIN RILEY INVESTMENTS, LLC
ATTN: JAKE LOVELESS
120 SE 30TH STREET
LEE'S SUMMIT MO 64082

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PROJECT NO.: R20-17-261
REPORT NO.: K22574
DATE OF SERVICE: 03/12/2018
AUTHORIZATION: JAKE LOVELESS
REPORT DATE: 03/16/2018

PROJECT: THE RESIDENCES @ ECHELON
MO 291 & 50
LEE'S SUMMIT, MO

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

PROJECT DATA

CONTRACTOR: LUKE DRAILY CONST
CONCRETE SUPPLIER: CENTURY
PLANT:
CLASS OF CONCRETE: 4K PL FA MRWR
SPECIFICATION REQUIREMENTS
STRENGTH: 3500psi @ 28 DAYS
SLUMP: 4 +/- 1 AIR:
METHOD OF TEST
SAMPLING: ASTM C-172
MOLDING & CURING: ASTM C31
SLUMP: ASTM C143
TEMPERATURE: ASTM C1064
AIR CONTENT:
UNIT WEIGHT:
CAPPING/PADS: ASTM C1231
TESTING: ASTM C39

MIX DESIGN NUMBER: N1C1550405
DATE OF PLACEMENT: 03/12/2018
TIME SAMPLED: 3:15 BY: ANDREW WILSON
BATCH TIME: 2:18
TEMPERATURE (DegF) - AIR: 53 CONCRETE: 74
WEATHER: CLEAR
MEASURED SLUMP (in.): 3.50
AIR CONTENT (%): UNIT WT (pcf)
TRUCK NO: 258 TICKET NO: 97355
WATER ADDED @ SITE (gal)
LOCATION OF PLACEMENT
BUILDING #4 WALL FOOTINGS
ON LINE B.7/ A.F TO A.P

REPORT OF TESTS

CONCRETE COMPRESSIVE STRENGTH - 4 x 8 CYLINDERS

CYLINDER MARKED		DATE TESTED	AGE (days)	DIAMETER (in.)	AREA (sq.in.)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE	REMARKS
SET	MARK								
K2257	A	03/19/2018	7	4.000	12.57	62250	4950	TYPE 5	
K2257	B	04/09/2018	28						
K2257	C	04/09/2018	28						
K2257	D	Hold							

Technician: ANDREW WILSON, SR. ENGR. TECHNICIAN

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Type 1 Type 2 Type 3 Type 4 Type 5 Type 6
| | | | | |
Cone Cone Columnar Shear Side Top
Split Fracture Fracture

KANSAS CITY TESTING &

DOUG ARTH

DOUG ARTH, R.G.
REGISTERED GEOLOGIST

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PROJECT NO.: R20-17-261
REPORT NO.: K22588
DATE OF SERVICE: 03/13/2018
AUTHORIZATION: JAKE LOVELESS
REPORT DATE: 03/16/2018

PROJECT: THE RESIDENCES @ ECHELON
MO 291 & 50
LEE'S SUMMIT, MO

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

PROJECT DATA

CONTRACTOR: LUKE DRAILY CONST
CONCRETE SUPPLIER: CENTURY
PLANT:
CLASS OF CONCRETE: 4K PL FA MRWR
SPECIFICATION REQUIREMENTS
STRENGTH: 3500psi @ 28 DAYS
SLUMP: 4 +/- 1 AIR:

MIX DESIGN NUMBER: N1C1550405
DATE OF PLACEMENT: 03/13/2018
TIME SAMPLED: 4:30 BY: ANDREW WILSON
BATCH TIME: 3:06
TEMPERATURE (DegF) - AIR: 52 CONCRETE: 73
WEATHER: CLEAR
MEASURED SLUMP (in.): 4.00
AIR CONTENT (%): UNIT WT (pcf)
TRUCK NO: 221 TICKET NO:
WATER ADDED @ SITE (gal)
LOCATION OF PLACEMENT
BUILDING #4 WALL FOOTINGS FROM
A.F-B.7, S., THEN W. TO A.A-B.3

METHOD OF TEST

SAMPLING: ASTM C-172
MOLDING & CURING: ASTM C31
SLUMP: ASTM C143
TEMPERATURE: ASTM C1064
AIR CONTENT:
UNIT WEIGHT:
CAPPING/PADS: ASTM C1231
TESTING: ASTM C39

REPORT OF TESTS

CONCRETE COMPRESSIVE STRENGTH - 4 x 8 CYLINDERS

CYLINDER MARKED		DATE TESTED	AGE (days)	DIAMETER (in.)	AREA (sq.in.)	MAXIMUM LOAD (lbs. force)	COMPRESSIVE STRENGTH (psi)	FRACTURE TYPE	REMARKS
SET	MARK								
K2258	A	03/20/2018	7	3.990	12.50	57070	4560	TYPE 2	
K2258	B	04/10/2018	28						
K2258	C	04/10/2018	28						
K2258	D	Hold							

Technician: ANDREW WILSON, SR. ENGR. TECHNICIAN

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Cone Cone Columnar Shear Side Top
Split Fracture Fracture

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REGISTERED GEOLOGIST

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