

letter of transmittal



DATE 3/15/18 JOB NO. R20-17-261

1308 Adams Street
Kansas City, KS 66103
Ph (913) 321-8100
Fax (913) 321-8181

ATTN: JAKE LOVELESS

TO: GRIFFIN RILEY INVESTMENTS LLC
120 SE 30TH ST
LEE'S SUMMIT MO 64082

RE: RESIDENCES @ ECHELON

WE ARE SENDING YOU

ATTACHED UNDER SEPARATE COVER THE FOLLOWING ITEMS:

AGGREGATE REPORT CONCRETE REPORT PROPOSAL
 ASPHALT REPORT FOUNDATION REPORT SOILS REPORT
 AS NOTED INVOICE OTHER

COPIES	DATE	NO.	DESCRIPTION
1			SITE OBSERVATION PERFORMED 3/08 - 3/13

THESE ARE TRANSMITTED AS CHECKED BELOW:

FOR CHECKING FOR REVIEW / COMMENT FOR FILES & INFO.
 FOR YOUR USE ON JOB APPROVED AS NOTED
 AS REQUESTED APPROVED AS SUBMITTED

REMARKS:

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BY:

JIM BYRNES
SR PROJ MANAGER

SITE OBSERVATION

CLIENT: GRIFFIN RILEY INVESTMENTS, LLC
ATTN: JAKE LOVELESS
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LEE'S SUMMIT MO 64082

PAGE 1 OF 1

PROJECT NO.: R20-17-261
REPORT NO.: K22509
DATE OF SERVICE: 03/08/2018
AUTHORIZATION: JAKE LOVELESS
REPORT DATE: 03/12/2018

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

SERVICES:

Observed footing excavations for the north half of building #4. Consulted on job requirements with jobsite personnel and City of Lee's Summit inspector. City inspector requested the footings be excavated with a larger backhoe bucket due to intermittent issues with the 3" required clearance between reinforcing steel and soil footing excavations for the grade beams. No concrete placed today pending corrections to excavation procedures.

Technician: ANDREW WILSON, SR. ENGR. TECHNICIAN

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KANSAS CITY TESTING & ENGINEERING,



JIM BYRNES, R.G.
PROJECT MANAGER

SITE OBSERVATION

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

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

SERVICES:

PAGE 1 OF 1

PROJECT NO.: R20-17-261
REPORT NO.: K22540
DATE OF SERVICE: 03/09/2018
AUTHORIZATION: JAKE LOVELESS
REPORT DATE: 03/13/2018

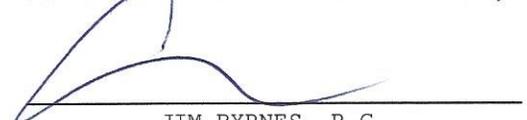
The contractor placed 4000 psi plain concrete (3500 psi plain required) for the wall footings for building #4 from A.P-B.7 north, west, then south to A.A-B.1. The footing size and soil bearing capacity, as well as the placement of reinforcing steel and concrete, was in substantial compliance with the on-site plans and specifications. One set of compressive strength test specimens was cast from a sample of the concrete placed.

Technician: ANDREW WILSON, SR. ENGR. TECHNICIAN

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PROJECT MANAGER

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SITE OBSERVATION

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

PAGE 1 OF 1

PROJECT NO.: R20-17-261
REPORT NO.: K22573
DATE OF SERVICE: 03/12/2018
AUTHORIZATION: JAKE LOVELESS
REPORT DATE: 03/13/2018

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

SERVICES:

The contractor placed 4000 psi plain concrete (3500 plain required) for the wall footing for building #4 from A.P-B.7 south to A.A-B.7. The footing size and soil bearing capacity, as well as the placement of reinforcing steel and concrete, was in substantial compliance with the on-site plans and specifications. One set of compressive strength test specimens was cast from a sample of the concrete placed.

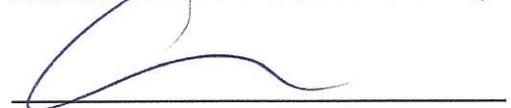
Soil stockpiles at the nearby Stoney Creek project were evaluated as a source of imported fill for the project. Test pits excavated in the piles with a small excavator indicated soil contains organics/trash and other rubble.

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**REPORT OF
IN-PLACE DENSITY**

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

PAGE 1 OF 2

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

PROJECT NO.: R20-17-261
REPORT NO.: K22587
DATE OF SERVICE: 03/13/2018
AUTHORIZATION: JAKE LOVELESS
REPORT DATE: 03/15/2018

SERVICES: Perform in-place density and moisture content tests to determine the degree of field compaction.

PROJECT DATA

CONTRACTOR: LUKE DRAILY CONST

GAUGE: Troxler 3440
GAUGE SERIAL NO.: 15277

	DENSITY	MOISTURE
METHOD OF TEST:	ASTM D6938	ASTM D3017
SPECIFICATION:	95% Min	-1 to +3% of Opt

STANDARD COUNTS
MOISTURE - CURRENT: 714 **PREVIOUS:** 716
DENSITY - CURRENT: 1494 **PREVIOUS:** 1487
TEST MODE: Direct Transmission
PROBE DEPTH: 8

M/D #	TEST OF	MATERIALS	MOISTURE/DENSITY RELATIONS		REFERENCE REPORT
			OPTIMUM MOISTURE %	MAXIMUM DENSITY pcf	
1.	STANDARD PROCTOR	GRAY SILTY CLAY	21.0	100.4	K21465
2.	STANDARD PROCTOR	YELLOWISH BROWN SILTY CLAY	19.0	102.8	K21468
3.	STANDARD PROCTOR	GRAY-BROWN SILTY CLAY	19.4	105.4	K21469

REPORT OF TESTS

TEST NO	LOCATION	PROBE DEPTH	LIFT/ELEV	M/D NO	FIELD MOISTURE (%)	OPTIMUM MOISTURE (%)	FIELD DENSITY (pcf)		MAXIMUM DENSITY (pcf)	DENSITY (% max)
							WET	DRY		
1.	Storm sewer, 60' E of structure 8-2	8	4' bg	1	21.8	21.0	121.9	100.1	100.4	100
2.	Storm sewer, 80' E of structure 8-2	8	2' bg	2	20.4	19.0	121.7	101.1	102.8	98
3.	Storm sewer, 80' E of structure 8-2	8	1.5' bg	3	21.7	19.4	126.3	103.8	105.4	98
4.	Storm sewer, 40' E of structure 8-2	8	1' bg	1	23.3	21.0	122.1	99.0	100.4	99
5.	Storm sewer, 40' E of structure 8-2	8	on soil gr	1	22.7	21.0	121.4	98.9	100.4	99

Report of Tests continued on page 2

PROJECT NO: R20-17-261 GRIFFIN RILEY INVESTMENTS, LLC

DATE OF SERVICE: 03/13/2018

TEST NO	LOCATION	PROBE DEPTH	LIFT/ELEV	M/D NO	FIELD MOISTURE (%)	OPTIMUM MOISTURE (%)	FIELD DENSITY (pcf)		MAXIMUM DENSITY (pcf)	DENSITY (% max)
							WET	DRY		

Test results on this report meet project specifications as noted on page 1.

ADDITIONAL COMMENTS:

The contractor placed 4000 psi concrete (3500 psi plain required) for the wall footing for building #4 from A.F-B.7 south then west to A.A-B.3. The footing size and soil bearing capacity, as well as the placement of reinforcing steel and concrete, was in substantial compliance with the on-site plans and specifications. One set of compressive strength test specimens was cast from a sample of the concrete placed.

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