



September 23, 2019

Mr. Chris Clark  
Project Manager  
A.J. Brown, Inc.  
635 Trade Center Boulevard  
Chesterfield, Missouri 63005

RE: Special Inspection Report No. 3  
Goddard School  
3395 NE Ralph Powell Road  
Lee's Summit, Missouri  
Report Period: September 1, 2019 to September 14, 2019  
Building Permit #PRCOM20190683  
Geotechnology, Inc. Project No.: J034913.01

Dear Mr. Clark:

This letter with attachments will constitute our Special Inspection transmittal for the above referenced project. Representatives of Geotechnology, Inc. have provided field observation and testing services for reinforced concrete during the report period. Our services have been provided on a part-time basis as scheduled by representatives of A.J. Brown, Inc. The compliance of materials or work not observed by our personnel is not addressed, or implied, by this or any previous report.

### **Summary of Activities**

#### **Reinforced Concrete**

The recent concrete compressive strength test results are enclosed.

### **Status of Compliance**

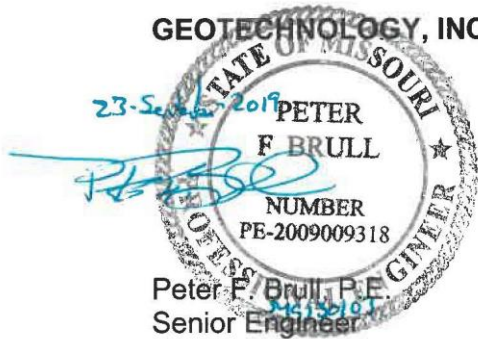
The specific items discussed above in this report appeared to be in general compliance with the contract documents.

**Closure**

The results of our field observations and testing were reported to authorized personnel during our site visits. If you have any questions regarding this report, or if we may be of further service, please contact us.

Respectfully submitted,

**GEOTECHNOLOGY, INC.**



Peter F. Brull, P.E.  
Senior Engineer

Steve Damron  
CMT Department Manager

Attachments: Concrete Cylinder Test Results

cc: Mr. Ryan Elam – City of Lee's Summit  
Mr. Sara Beck – City of Lee's Summit  
Mr. Jim Hostler – A.J. Brown, Inc.  
Geotechnology S.I. File



Report Date: 09/06/2019

Client: A.J. Brown Inc.

Project: J034913.01

Goddard School Lee's Summit

Lee's Summit, MO

## Concrete Cylinder Test Results

General Contractor: Beacon Contracting, LLC

Temperature/Weather: 85°F Ptl. Cloudy

Site Contact: Jim Hostler

Contractor: Beacon Contracting, LLC

Set No.: 1

Sample Location: Footing at 30 feet west of Line D, Line 1 to 8

Cast Date: 08/29/2019

### FIELD DATA (ASTM C31)

Slump, ASTM C143 (in.):	3.00	Supplier:	Geiger Ready-Mix
Air Content, ASTM C231 (%):	6.3	Mix Design:	A4UC517V445
Conc. Temp., ASTM C1064 (°F):	83	Truck/Ticket No.:	377/887829
Unit Weight, ASTM C138 (p.c.f.):	143.2	Batch Time:	12:00:00
Yield, ASTM C138 (ft. <sup>3</sup> ):	--	Sample Time:	12:30:00
Truck/Accum. Quantity (yd. <sup>3</sup> ):	10/10	Mixing Time (min.):	30
Sampled From, ASTM C172:	Truck Chute	Initial Curing Method:	Sealed
Specified Strength (psi):	3,000	Cylinders Cast By:	Linda A. Souder
Average Strength (psi):	4,200	Received in Lab:	08/30/2019

### Laboratory Data (ASTM C39 / C1231 / C617)

Cylinder ID	Cylinder Weight (lbs.)	Cross Sec. Area (sq.in.)	Cylinder Diameter (in.)	Maximum Load (lbs.)	Compressive Strength (psi)	Fracture/Capping Type *	Test Date	Cylinder Test Age (day)
7808-1-1	--	12.57	4.00	52740	4200	2/N	09/05/2019	7
7808-1-2	--	--	--	--	--	--	09/26/2019	28
7808-1-3	--	--	--	--	--	--	09/26/2019	28
7808-1-4	--	--	--	--	--	--	09/26/2019	28

\* Fracture type as shown in Figure 2, ASTM C39 / Capping type: N - Neoprene Pads; B - Bonded; G - Ground

### Remarks:

Reviewed by:

Peter F. Brull

CC: Clark, Chris (A.J. Brown Inc.) (e)

Hostler, James (A.J. Brown Inc.) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.