



November 6, 2019

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

RE: Special Inspection Report No. 5
Goddard School
3395 NE Ralph Powell Road
Lee's Summit, Missouri
Report Period: October 13, 2019 to October 26, 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 structural steel and wood framing 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

Structural Steel

The structural steel framing and high-strength bolted connections for the mezzanine framing at Line B, 1 to 15 and Line D, 2 to 16 was observed on October 22. The structural steel framing was observed for the required grade, size, erection, and anchor bolts. The ASTM A325 high-strength bolted connections were observed for compliance with the snug-tight installation requirements.

Wood Framing

The perimeter wood framing shear walls, hold-down anchors, and window and door framing coil straps were observed on October 22 and 25. The nail pattern to the wall framing for the shear walls and coil straps were compared with the project documents for the required nail size and spacing. Installation of the hold-down anchors were observed for the required all-thread and hole diameters, embedment depth, projection, type of epoxy, and cleaning and installation procedures. Hold down anchor and shear wall installation is a work in progress.

Approved Variances

Wood Framing

The 22-gauge coil straps indicated by the project plans and placed at the door and window headers and window sills were delivered after the sheathing was installed. Per the appended electronic correspondence, the engineer of record approved attaching the coil straps on the outside of the sheathing using 2 ½-inch long nails.

Status of Compliance

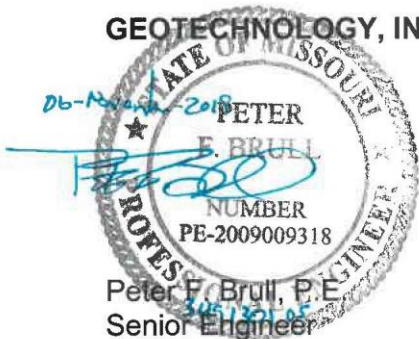
The specific items discussed above in this report appeared to be in general compliance with the contract documents.

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: Electronic Correspondence dated 10/24/2019

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

Brull, Peter

From: Jim Hostler <james@ajbrown.com>
Sent: Thursday, October 24, 2019 10:14 AM
To: Brull, Peter
Subject: Fw: Emailing 3864_001.pdf

CAUTION: This email did not come from a Geotechnology.com email address. Do not click links, open attachments, or reply unless you recognize the sender and know the content is safe.

Approval for exterior strapping...

From: Michael Knapp <Michael@knappengineering.net>
Sent: Monday, October 14, 2019 7:37 AM
To: Harry <harry@rccframing.com>; Jim Hostler <james@ajbrown.com>; Chris Clark <cclark1958@att.net>; Andrew Brown <Andrew@AJBrown.com>; Carl <carl@uhligarchitecture.com>
Subject: RE: Emailing 3864_001.pdf

Works for me!

Regards,

Michael D. Knapp, P.E.



89 Beringer Court
St. Charles, MO 63304
C: 636.734.2348
E: michael@knappengineering.net

From: Harry <harry@rccframing.com>
Sent: Monday, October 14, 2019 7:37 AM
To: Michael Knapp <Michael@knappengineering.net>; Jim Hostler <james@ajbrown.com>; Chris Clark <cclark1958@att.net>; Andrew Brown <Andrew@AJBrown.com>; Carl <carl@uhligarchitecture.com>
Subject: Re: Emailing 3864_001.pdf

Michael,
We use the long nails when we install over sheathing

Thanks
Harry

From: Michael Knapp <Michael@knappengineering.net>

Sent: Monday, October 14, 2019 7:35 AM

To: Jim Hostler <james@ajbrown.com>; Chris Clark <cclark1958@att.net>; Harry <harry@rccframing.com>; Andrew Brown <Andrew@AJBrown.com>; Carl <carl@uhligarchitecture.com>

Subject: RE: Emailing 3864_001.pdf

Jim

This is acceptable provided they use a minimum of 2 ½" long connectors (screws/nails). This is per Simpson literature.

Regards,

Michael D. Knapp, P.E.



89 Beringer Court
St. Charles, MO 63304

C: 636.734.2348

E: michael@knappengineering.net

From: Jim Hostler <james@ajbrown.com>

Sent: Monday, October 14, 2019 7:27 AM

To: Michael Knapp <Michael@knappengineering.net>; Chris Clark <cclark1958@att.net>; harry@rccframing.com;
Andrew Brown <Andrew@AJBrown.com>; Carl <carl@uhligarchitecture.com>

Subject: Re: Emailing 3864_001.pdf

Good Morning Michael,

Rough framing contractor has asked to install the C 22 strapping for shear walls on the exterior of the 5/8 in. wall sheathing...purpose...exposed for inspections...less time consuming.

Is this an acceptable method...issues?

Thanks,

Jim Hostler

From: Michael Knapp <Michael@knappengineering.net>

Sent: Friday, October 11, 2019 5:38 PM

To: Chris Clark <cclark1958@att.net>

Cc: Jim Hostler <james@ajbrown.com>

Subject: Re: Emailing 3864_001.pdf

Chris...talked to Carl Uhlig..we are good with this.

Mike

On Oct 11, 2019 3:48 PM, Chris Clark <cclark1958@att.net> wrote:

Please review. We have a scheduling issue and cannot wait for i-joists.3weeks out. Mezzanine.
These can be ready mid next week.

Thanks Chris

Sent from my T-Mobile 4G LTE Device