

FINAL SPECIAL INSPECTION REPORT

Project Name: LBP V- A Permit No. PRCOM20170788

Project Address: 2900 NE Independence Ave, Lee's Summit, Missouri 64064

Company Name: Professional Service Industries, Inc. PSI Project No. 03532506

This is to certify that I or a qualified individual working under my direction inspected and/or tested the following items in accordance with Section 1704 of the International Building Code.

- | | |
|---|---|
| <p><input checked="" type="checkbox"/> Prepared Fill</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Site (Pad) Preparation<input checked="" type="checkbox"/> Fill Placement (LVC)<input checked="" type="checkbox"/> Evaluation of In-Place Density <p><input checked="" type="checkbox"/> Verification of Soils (Shallow Foundations)</p> <p><input type="checkbox"/> Drilled Piers and/or Piles</p> <p><input checked="" type="checkbox"/> Concrete Construction</p> <ul style="list-style-type: none"><input type="checkbox"/> Materials<input checked="" type="checkbox"/> Placement of Reinforcing Steel<input type="checkbox"/> Forms<input checked="" type="checkbox"/> Concrete Operations<ul style="list-style-type: none"><input checked="" type="checkbox"/> Evaluation of Concrete Strength<input checked="" type="checkbox"/> Inspection of Proper Mix<input checked="" type="checkbox"/> Concrete Placement<input type="checkbox"/> Curing and Protection<input type="checkbox"/> Inspection of Prestressing Steel<input type="checkbox"/> Manufacture of Precast<input checked="" type="checkbox"/> Erection of Precast Tilt-Up | <p><input type="checkbox"/> Masonry Construction</p> <ul style="list-style-type: none"><input type="checkbox"/> Material<input type="checkbox"/> Strength<input type="checkbox"/> Construction Operation <p><input checked="" type="checkbox"/> Steel Construction</p> <ul style="list-style-type: none"><input checked="" type="checkbox"/> Inspection of Welding<input type="checkbox"/> Inspection of Steel Fabrication<input checked="" type="checkbox"/> Steel Erection<input checked="" type="checkbox"/> Installation of High Strength Bolt<ul style="list-style-type: none"><input type="checkbox"/> Seismic-Sensitivity System<input type="checkbox"/> Column Splice Welds<input type="checkbox"/> Base Metal Testing <p><input type="checkbox"/> Wood Construction</p> <p><input checked="" type="checkbox"/> Other: <u>Post-Installed Adhesive Dowels</u></p> |
|---|---|

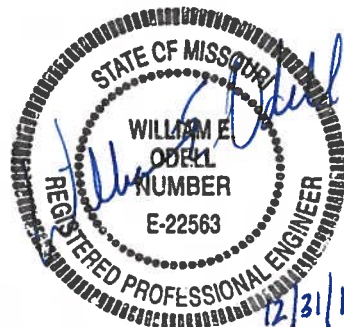
The work, to the best of my knowledge is complete and was found to be in substantial compliance with the City plans, specifications and applicable building codes.

Signed: 
William E. Odell, P.E.

Date: December 31, 2019

SEAL

Submitted to: <khanh.nguyen@cityofls.net>
Codes Administration
220 SE Green Street
Lee's Summit, Missouri 64063





Project Name: LBP V-A Building Addition
City, State: Lee's Summit, MO
PSI Project No. 03532506

Through Report Date: October 11, 2017
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a.t. renczarski & co., inc.

consulting structural engineers
1500 D n.w. vivion road
kansas city, mo 64118

816/587-0101
fax # 816/587-5691

earl v. rollison, p.e.

December 31, 2019

Mr. William Odell
Intertek-PSI
1211 W. Cambridge Circle Drive
Kansas City, KS 66103

Re: LBP V-A

Mr. Odell,

This letter is in regards to your Discrepancy report dated December 30, 2019. The items listed below are keyed into your discrepancy numbers:

1. The post installed dowel locations that were not observed is where the new continuous footing is doweled into the existing continuous footing. The dowels were to be epoxied into the existing footing. Per our phone conversation your inspector observed the bars were installed in one location, but, the installation was not observed by you inspector. Since the dowels are acting in shear only and to tie the footings together the dowels as installed are acceptable.
2. The slab on grade is a 6" thick. The use of the space at this time is for office loading. The mesh can be omitted in slab on grade. Since the in situ strength is not known at this time the owner will need to field verify the strength of the concrete for a use other than an office. The slab as placed in our opinion is acceptable.
3. I visited the site to observe a location of the holdown as specified on the tilt drawings. The anchor (3/4" diameter Titan HD concrete screw) was removed to verify the length. The concrete exceeds specified length. The use of the holdown's specified for the contractor to anchor the panel to the footing as during erection. The anchor is then installed once the panel is in its final location. It is our opinion that the anchors are in installed the panels.
4. During my site visit I also observed the panel to panel connections. The panel to panel connections are welded per our tilt drawings. There are a couple of corner locations where embeds were missing on one panel. The contractor installed a 3/4" expansion bolt. This is an acceptable solution.

If you have any questions do not hesitate to call.

Sincerely,

Earl V. Rollison P.E

Cc. Mr. Justin Bridges, Davisson A+E
Cc. Mr. Doug Rothfus, Capital Construction

