

Tel +1 913 310 1600 Fax +1 913 310 1601 intertek.com/building



## **FINAL SPECIAL INSPECTION REPORT**

Project Name: Lee's Summit Subaru Building Addition	Permit No. <u>2019-1408</u>
Project Address: 2101 NE Independence Ave; Lee's Summit, MC	)
Company Name: <u>Professional Service Industries, Inc.</u>	PSI Project No. <u>03533096</u>
This is to certify that I or a qualified individual working under my accordance with Section 1704 of the International Building Code	
Prepared Fill Site Preparation Fill Placement Evaluation of In-Place Density	<ul> <li>✓ Masonry Construction</li> <li>☐ Material</li> <li>✓ Strength</li> <li>✓ Construction Operation</li> </ul>
▼ Verification of Soils	Steel Construction
☐ Drilled Piers and/or Piles	<ul><li>✓ Inspection of Welding</li><li>✓ Inspection of Steel Fabrication</li><li>✓ Steel Erection</li></ul>
Concrete Construction  Materials  Placement of Reinforcing Steel Forms  Concrete Operations  Evaluation of Concrete Strength Inspection of Proper Mix Concrete Placement Curing and Protection Inspection of Prestressing Steel Manufacture of Precast Erection of Precast	Installation of High Strength Bolt Seismic-Sensitivity System Column Splice Welds Base Metal Testing  Wood Construction  Other: Post-Installed Adhesive Dowels
The work, to the best of my knowledge is complete and was fou specifications and applicable building codes.  Signed:	nd to be in substantial compliance with the City plans,
S Submitted to: khanh.nguyen@cityofis.net Codes Administration 220 SE Green Street Lee's Summit, Missouri 64063 {P)816-969-1000 {Fi816-969-1201	WILLIAM E OF MISSOUR NUMBER





# SUMMARY OF DISCREPANCIES

Lee's Summit Subaru Lee's Summit, Missouri 03533096 Project Name: City, State: PSI Project No.

Report Date: January 10, 2020 Page 1 of 1

DATE RESOLVED	7/26/19	7/26/19	12/17/19	10/10/19					:		
RESOLUTION	Areas over-excavated and filled back with AB3 material and re-proofrolled.	Areas over-excavated and filled back with AB3 material and re-proofrolled.	Email from EOR with Needham BDS for acceptable sizes and embedment depths of masonry dowels. PSI field observations meet requirements.	Parts: Missing bridging clips installed and inspected.	inspected.						
DISCREPANCY	Rutting and pumping of the subgrade.	Rutting and pumping of the subgrade.	No drill and epoxy documents available for review. Awaiting RFI from Engineer.	Parts: Missing bridging clips. Service: Incomplete/insufficient joist welds.							
LOCATION	Southeast side of building; 60'x100' section.	Southeast side of building; 60'x100' section.	Area B expansion; masonry dowels.	Parts (3-4/I-L) and Service (1.7/J-M).							
REPORT No.	03533096-1	03533096-2	03533096-10	03533096-34							
DATE	7/23/19	7/24/19	8/14/2019	10/8/2019					 ,		
ITEM No.	1	2	m	4							

### William Melton

From:

Noel Ross < Noel@rothwell-construction.com>

Sent:

Tuesday, December 17, 2019 4:18 PM

To:

William Melton

Subject:

[External] FW: Lee's summit Subaru missed masonry dowells

Follow Up Flag:

Follow up

Flag Status:

Flagged

William , please see the email below from the structural engineer of record regarding the missing masonry dowels

Noel Ross
Superintendent
Rothwell construction
816-877-3290
Noel@rothwell-construction.com

----- Original message ------

From: "Tim Bengfort, PE" <tbengfort@needham-dbs.com>

Date: 12/17/19 3:53 PM (GMT-06:00)

To: Noel Ross < Noel@rothwell-construction.com>

Subject: RE: Lee's summit Subaru missed masonry dowells

Use of (2)-#5 or (2)-#6 bars or (1)-#5 bar and (1)-#6 bar per cell are acceptable at the door jamb locations. Reinforcing should be drilled and epoxied into the existing footing a minimum of 9" with Hilti HY200 epoxy or equivalent.

Let me know if this works and is what you need.

Thanks,

### Timothy D. Bengfort, PE

Needham DBS | 15950 College Blvd | Lenexa, KS 66219 phone: 913.385.5300 ext. 516 | direct: 913.689.1516

From: Noel Ross < Noel@rothwell-construction.com>

Sent: Tuesday, December 17, 2019 3:01 PM

To: Tim Bengfort, PE <tbengfort@needham-dbs.com>
Subject: Lee's summit Subaru missed masonry dowells

At Lee's summit Subaru, we missed multiple masonry dowels in the footings at door jamb locations. At the overhead doors, it calls for 6 cells, or a distance of 4', of 2-#6 bar on each side of overhead door. We have 1 #5 bar spaced every 2' O.C.

# What are ther requirements to drill and epoxy the missing bars?

Noel Ross
Superintendent
Rothwell construction
816-877-3290
Noel@rothwell-construction.com

This message is from an EXTERNAL SENDER - please be CAUTIOUS, particularly with links and attachments.