Structural Building Observations

for

University of Missouri

April, 2014
MU Project #CP 141611
THHinc # 07435

I hereby certify that this engineering report was prepared by me or under my direct supervision. I am a Professional Engineer in good standing in the State of Missouri.

Gene R. Hinshaw, P.E. Mo. Registration E-20575

Trabue, Hansen & Hinshaw, Inc.
1901 Pennsylvania Avenue (573) 814-1568
Columbia, MO 65202 Corp. Reg. # MO E-1454-D

The reports and the enclosed observations were performed by the following firms and individuals.

THHinc Consulting Engineers

Trabue, Hansen & Hinshaw, Inc.		
1901 Pennsylvania Drive	Kris L. Bezenek	E- 2007002765
Columbia, Missouri 65202	Patrick Earney	E-2011000879
Phone: (573) 814-1568	Cody Dailey	E-2008002145
Corporate Registration E-1454-D	John L. Smith	E-021481
	Thomas P. Wells	E-19964

STRUCTURAL ENGINEERING ASSOCIATES
Kansas City's Oldest Continuously Operating Structural Engineering Firm

Structural Engineering Associates, Inc.	Ralph Jones	E-22413
1000 Walnut, Suite 1570	Kelley Gipple	E-021757
Kansas City, Missouri 64106	Krishna Saha	E-23862
Phone: (816) 421-1042	Richard McGuire	E-17563
Corporate Registration 396	Nick Andrew Pino	E-20008019588
	Falgun Surani	E-2011021698

ALPER AUDI, INC.
STRUCTURAL ENGINEERS

Alper Audi, Inc	Marc Alper	E-17639
1804 Boman Circle Drive	Randal Jasper	E-21793
Saint Louis, Missouri 63146		
Phone: (314) 432-8600		
Corporate Registration 287		

EDM

EDM Incorporated	Jill Walker	E-20000150027
220 Mansion House Center	Eric Mullikin	E-26655
St Louis, Missouri 63102		
Phone: (314) 231-5485		
Corporate Registration 000227		

Executive Summary

This project includes a structural observation of all buildings owned or leased by the University (**MU**) statewide to identify *structural life* / safety issues of immediate concern. The specific building list was developed by **MU** and provided to the Consultant team.

THHinc acted as the program manager for a team of structural engineering professionals to complete the project. Team members included Structural Engineering Associates (**SEA**), Alper Audi (**AA**) in addition to ***THHinc*** (**THH**) staff.

The purpose of this project was to complete a *limited* onsite visual observation and prepare Engineering Structural Observation Reports for all buildings owned and leased by **MU**. This includes all structures with the exception of those located within the UMKC, MS&T or UMSL campuses. This report includes buildings located on the Columbia Campus with the exception of University Village Apartments which were inspected and all walkways braced prior to this report being prepared.

Considering the number of buildings and desired schedule for this project the observations were cursory in nature and were limited to those items that may cause, or contribute to, a structural life safety concern in the immediate future.

Structural observations were limited to what can be seen visually without demolition. It is understood that hidden conditions may existing that could cause structural problems in the future and that these items may not be identified during this limited observation.

Each unique structure was documented with a sealed Structural Building Observation Report which will briefly describe the construction type, geometry, and general observed conditions .The deliverables include:

1. Executive Summary.
2. Spreadsheet identifying:
    a. All buildings observed by name and building number
    b. Firm performing the inspection
    c. Checkbox identifying if immediate concerns were observed
3. Individual evaluations of each building reviewed.
    a. If immediate needs were found MU was notified, remedial action taken and the area reinspected.
4. Photos obtained for each building will be included in electronic format as well.

No engineering calculations, material sampling and testing, or demolition was included in the scope of this project.

In all, 376 buildings on the Columbia Campus were observed, reports prepared and included in this report. Out of 376, eighteen were identified as having immediate concerns. Of those eighteen, ten

were the same issue (decks) on a group of buildings. The following table identifies the buildings observed that contained immediate structural concerns, the nature of the concern and the actions taken by MU.

Building #	Building Name	Inspected by	Concern	MU Action
37124	Loeb Hall	THH	Concrete stair to north patio was badly deteriorated.	**MU** staff removed the concrete stair, replacing with a wooden stairway.
37087	Nursing School	AA	Loose spalled concrete at NW exit stairs	Loose concrete has been removed and re-inspected
37023	Thomas and Nell Lafferre Hall	SEA	Fractured panel above walkway at north end of building was not attached	Panel was reattached and re-inspected
37395	Missouri Theater	SEA	Loose connection on walkway	Loose connection was repaired and re-inspected on 3-24
37245	East Well	THH	Movement in stone retaining wall.	Parking and access to the area has been restricted. The wall height has been shortened and soil graded to resolve issue. The area was re-inspected 4-14-14 and no longer is an immediate issue. Project is underway to reconstruct wall.
37128	Memorial Student Union	AA	Concrete joist cut outside room N28G	Shoring has been installed for temporary support and permanent repair being scheduled 5/9/14 Update: Permanent repair has been completed
37295	Tara Apartments Bldg. 2	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37294	Tara Apartments Bldg. 1	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37305	Tara Apartment Bldg. 11	THH	Support posts in front and cantilevered decks in rear	Support posts have been repaired. Decks have been closed off pending project to remove, modify or replace

37296	Tara Apartment Bldg. 3	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37297	Tara Apartment Bldg. 4	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37298	Tara Apartment Bldg. 5	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37299	Tara Apartment Bldg. 6	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37300	Tara Apartment Bldg. 7	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37302	Tara Apartment Bldg. 8	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
37303	Tara Apartment Bldg. 9	THH	Cantilevered decks have deterioration	Decks have been closed off pending project to remove, modify or replace
42083	UM Teaching Hospital	AA	Were told that a concrete beam had been cored through, but were unable to observe on initial visit	Area was exposed by maintenance staff re-inspected by THH and determined not to be an immediate issue.
37225	Power Plant	THH	An area of the roof was deteriorated and 2 walkways were substandard	All areas in questions were closed to access pending repairs. Projects have been initiated to permanently address all issues.

University of Missouri Structural Building Observation

Building Name & Number: Loeb Hall #37124

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, inc.

Date: 3/4/2014 Time: 2:00 p.m.

Accompanying Personnel:

Brooke Danielsen (Kirby Lindsay for mechanical room)

Building Description:

2-story (Basement + upper floor) concrete column & beam frame with pan slabs and infill walls. No parapets, ballasted roof. Basement mechanical room extends south with first level exterior patio overhead. Basement level also extends north with exterior patio overhead. 5 feet of upper level cantilevers over East & West basement walls.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Concrete exterior stair to north patio is badly deteriorated, including loss of concrete, exposed reinforcing steel and failed and lost reinforcing steel as noted in page 2 photos. Close the stairway and area beneath it to all pedestrian traffic until it is fully shored, or until it is replaced with a new, sound structure. (Note: Page 3 photo shows completed fix in place.)

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/10/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

COMPLETED

North side concrete stair to first level patio is badly deteriorated. Figures 1 and 3 below show severe concrete loss with exposed reinforcing, and in Figure 2 a reinforcing bar can be seen completely separated from the structure.

Figure 1

Figure 2

COMPLETED

Access to the deteriorated stair was blocked and the structure was entirely removed. A new temporary stair structure was placed to restore access. Figure 3 below shows the new temporary stair. It was inspected and found to be structurally sound on March 10, 2014.

Figure 3

COMPLETED

University of Missouri Structural Building Observation

Building Name & Number: School of Nursing #37087

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-4-14 Time: 1:00 pm - 2:45 pm

Accompanying Personnel: James Ludeman

Building Description:

3 stories plus basement on south end
2 stories north end
Concrete structure
Brick Facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description: Precast panels at soffits of canopies at NW exit stairs (2 locations) have small patch of loose spalled concrete hanging from them, and the loose concrete is in danger of falling off of the structure. See photo 37087-1.

Items that require further review or maintenance that could become safety hazards:

1. Handrail posts outside of elevator penthouse are constructed of 3/4" steel bar, and deflect excessively when loaded horizontally. Posts should meet OSHA standards. See photo 37087-2.
2. Exterior brick shelf angle supporting brick facade at one story sections of structure at east and west sides of building are corroding. See photo 37087-3.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
ERIC W. MULLIKIN
NUMBER E-26655
PROFESSIONAL ENGINEER

Engineering Seal 3-10-2014

COMPLETED

Figure 37087-1 Spalled concrete at northwest canopy

Figure 37087-2 Rusted and weak handrails at the elevator penthouse

COMPLETED

Figure 37087-3 Corroding brick shelf angle

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Thomas and Nell Lafferre Hall - 37023

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-26-2014 Time: 1:30 PM - 4:30 PM

Accompanying Personnel: Kirby Lindsay

Building Description:

Five-story brick exterior building with both flat and sloped roofs with parapets. Multiple framing systems including structural steel and concrete.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Fractured panel is no longer anchored above walkway and represents a falling hazard to people below. Panel is located at north end of building on second level above ramp near room C1208 (photo 1). Panel should be removed or replaced with properly anchored panel.

Measures were taken to address falling hazard. Photo was taken on March 14, 2014 (see photo 2).

COMPLETED

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

THOMAS AND NELL LAFFERRE HALL - 37023

Photo 1

Photo 2

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Missouri Theater - 37395

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 1:30 PM - 3:30 PM

Accompanying Personnel: Rob Bryant

Building Description: Concrete framed building with structural steel framed attic and brick exterior building. Flat roof with parapets present. Load bearing multi-wythe brick walls.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Wood attic walkway has loose connection at existing vertical support. Vertical support is located just east of main theater rotunda (see photo 1). Vertical support should be re-connected to existing attic framing system.

Measures were taken to re-connect the loose connection. Photos were taken on March 24, 2014 (see photos 2, 3, and 4)

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014
Structural Engineering Associates, Inc., MO Lic # 396
1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
NICOLAS ANDREW PINO
NUMBER PE-2008019588
PROFESSIONAL ENGINEER
3/26/2014

Engineering Seal 03/26/2014

COMPLETED

MISSOURI THEATRE - 37395

Photo 1

Photo 2

Photo 3

Photo 4

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37225 Power Plant

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel: Harry Frank

Building Description: Multi Level Buildings constructed with steel, concrete and masonry

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Roof area on south side of protruding stack needs to be removed and replaced in the area where the wood has rotted and is falling away. Short term, this needs to be blocked off to prevent access.

NBH deck/mezzanine should be blocked off to prevent access. If this is to be utilized, the structural integrity should be verified and the area should be cordoned off by handrails.

On the elevator on the fourth floor, there is a make shift platform to access cable tray that runs south of the elevator shaft. Remove and design/install new platform if access is required, or label as access only if attached to fall protection device.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37245 East Well

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel: Tim Gephardt

Building Description: Masonry and concrete structure.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Stone retaining wall on north side of drive immediately adjacent to entry gate has experienced significant movement. Apparently this movement is relatively recent. If not arrested, could fail and cause significant issues.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

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COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Memorial Student Union #37128

Engineer: Randy Jasper, P.E. & Don Eichholz/Alper Audi, Inc.

Date: 2-28-14 Time: 9:30 am - 11:00 am

Accompanying Personnel: Jason Morgan

Building Description:

3 stories plus basement
Flat and Sloped Roofs
Concrete Structure
Stone facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Outside of Room N28G (Ground Level) above air handler, a concrete joist has been vertically cut.

See Attached Photo.

COMPLETED

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793
Alper Audi, Inc.
1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

STATE OF MISSOURI
RANDAL LEE JASPER
NUMBER E-21793
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3-24-2014

Memorial Student Union #37128

Figure 1

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37295 Tara Building 201-212

Engineer: John Smith

Date: 2/25/14 Time: _____

Accompanying Personnel:

Building Description:

Two story (plus lower level laundry) wood framed structure with front walkway and rear cantilevered wood deck. Pitched roof with shingles.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37294 Tara Building 101-112

Engineer: John Smith

Date: 2/25/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered deck. Shingled roof.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37305 Tara Building 1101-1118

Engineer: John Smith

Date: 2/25/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with walkway in front and cantilevered wood decks in rear. Lap siding and brick facade. Pitched shingled roof. Chimneys at each end.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Support posts in front of 1109 has a severe bow and is in need of immediate attention. A threaded rod and turnbuckle was installed to try to help stabilize.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37296 Tara Building 301-312

Engineer: John Smith

Date: 2/25/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood deck. Hip roof with shingles.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37297 Tara Building 401-412

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel: Michael 999-3369

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood decks. Hipped roof with shingles.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

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JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37298 Tara Building 501-518

Engineer: John Smith

Date: 2/25/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with front wood walkway and rear cantilevered wood frame deck.

Hipped shingled roof. Lap siding and brick exterior.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Third deck from west on second floor most pronounced.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
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NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37299 Tara Building 601-618

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel: Michael 999-3369

Building Description:

Three story wood framed structure with front walkway and rear cantilevered wood deck. Hipped shingled roof. Lap siding and brick facade.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
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E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37300 Tara Building 701-712

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood deck. Pitched shingled roof. Lap siding and brick facade.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37302 Tara Building 801-812

Engineer: John Smith

Date: 3/24/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood deck. Pitched shingled roof. Lap siding and brick facade.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Second and third from the east are the most pronounced

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37303 Tara Building 901-918

Engineer: John Smith

Date: 2/26/14 Time:

Accompanying Personnel:

Building Description:

Three story wood framed structure with wood walkway and rear cantilevered wood deck. Pitched shingled roof. Lap siding and brick facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Some wood has split on these decks.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: University of Missouri Teaching Hospital #42083

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-4-14, 3-5-14 Time: 3:30 - 5:00pm, 7:30 - 9:30 am

Accompanying Personnel: Ron Acton

Building Description:

7 story structure plus basement and roof penthouses
Concrete Structure
Brick veneer facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

A concrete beam has been cored through creating a large hole in the member. This occurs on the 7th floor in the area approximately above rooms 6E42 - 6E43. This was not viewed but rather photo and location provided by Pat Carter while on site. Access was not available. See Figure 42083-1.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014
EDM Incorporated, Engineering Corporation #000227
220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

COMPLETED

Figure 42083-1 Hole in concrete beam on 7th floor

COMPLETED

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
COLUMBIA CAMPUS					
37010	1105 CARRIE FRANCKE DRIVE	19,623.00	SEA		x
37475	1110 S. College - Shop Building	2,338.00	SEA		x
37474	1110 S. College Avenue	22,060.00	SEA		x
37476	1110 S. College Avenue - Trailer	1,773.00	SEA		x
37272	207 HITT STREET OLD LAUND	3,500.00	SEA		x
37353	209 Hitt Street	1,769.00	SEA		x
37175	AB NAT RESOURCE	111,225.00	SEA		x
37001	ABATTOIR	3,213.00	THH		x
37171	ABATTOIR ANNEX	120.00	THH		x
37065	ACADEMIC SUPPORT CENTER	24,781.00	SEA		x
37154	AG ENGR BLDG	76,818.00	SEA		x
37002	AGRICULTURE	96,486.00	SEA		x
37003	AGRICULTURE LAB	33,504.00	SEA		x
37254	ANIMAL SCI CNTR	133,460.00	SEA		x
37012	ARTS & SCIENCE	56,525.00	THH		x
37270	ASRC UNIT F	11,538.00	SEA		x
37293	Band Storage Shed	813.00	THH		x
37235	BEEF BARN (OLD)	17,300.00	THH		x
37273	BIO-WASTE DUMPS	901.00	THH		x
37343	BLACK CULTURAL CTR	10,921.00	THH		x
37156	BOND LIFE SCIENCES CTR	230,509.00	SEA		x
37157	BOND LIFE SCIENCES CTR MECH BL	11,058.00	SEA		x
37070	CAP PIPE RES LB	1,313.00	THH	Included in 37317	
37282	CF GREENHOUSE	976.00	THH		x
37392	CF SALT STORAGE	599.00	THH		x
37388	CF SHED #2	135.00	THH		x
37085	CF STORAGE BLDG	10,606.00	THH		x
37108	CHANCELLOR'S RES_ RCVMUadjusted(03)	13,112.00	SEA		x
37278	CHEM TEACH ADD	33,865.00	SEA		x
37257	CHEMISTRY BLDG	92,321.00	SEA		x
37091	CLARK HALL	113,401.00	AA		x
37379	CLYDESDALE HALL	166,317.00	SEA		x
37024	COL PROF BLDG	26,877.00	THH		x
37160	COLLEGE AVENUE WALKWAY	3,429.00	THH		x
37025	CONLEY HOUSE_ RCVMUadjusted(03)	6,380.00	THH		x
37017	CONNAWAY	39,951.00	THH		x
37280	CORNELL HALL	161,133.00	SEA		x
37018	CROWDER	25,181.00	THH		x
37176	CROWDER ANNEX	204.00	THH		x
37019	CURTIS HALL	28,979.00	SEA		x
37253	DALTON CARD RS	69,876.00	THH		x
37341	DISC RIDGE ENG BLDG #1	1,429.00	THH		x
37342	DISC RIDGE ENG BLDG #2	1,575.00	THH		x
37020	ECKLES HALL	36,017.00	SEA		x
37030	EHS-UNIVERSAL WASTE BLDG	339.00	THH		x
37167	ELLIS LIB 87ADD	65,416.00	SEA		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	Building Name	Gross Area	Inspected By	Yes	No
37056	ELLIS LIBRARY	245,084.00	SEA		x
37727	ENG REMOTE TEST	7,629.00	THH		x
37022	ENGINEERING WEST	98,223.00	THH		x
37362	Engineering Trailer at Midway	784.00	THH		x
37097	EPPLE FIELD PICNIC PAVILI	1,265.00	SEA		x
37255	EPPLE PK. RESRM	557.00	SEA		x
37393	ERNIE & LOTTI SEARS PLANT	41,719.00	SEA		x
37026	FINE ARTS (ART)	35,510.00	SEA		x
37232	FINE ARTS (M&D)	51,979.00	SEA		x
37155	FINE ARTS ANNEX	15,564.00	SEA		x
37221	FIRE STATION	6,075.00	THH		x
37377.1	Flammable Storage(Rock Quarry)	121.00	THH		x
37061	GANNETT HALL	22,150.00	SEA		x
37258	GCB	68,961.00	THH		x
37224	GEN SERVICES BLDG	96,154.00	THH		x
37115	GENTRY HALL	45,368.00	SEA		x
37027	GEOLOGICAL SCI	54,543.00	SEA		x
37322	GH MECHANICAL SHED	201.00	THH		x
37320	GH STORAGE SHED #1	48.00	THH		x
37321	GH STORAGE SHED #2	48.00	THH		x
37028	GREENHOUSE #1	4,710.00	SEA		x
37029	GREENHOUSE #2	1,806.00	SEA		x
37046	GREENHOUSE 18	10,634.00	THH		x
37047	GREENHOUSE 19	10,750.00	THH		x
37043	GREENHOUSE 20	7,493.00	THH		x
37045	GREENHOUSE 21	8,226.00	THH		x
37182	GREENHOUSE 22E	769.00	THH		x
37183	GREENHOUSE 22W	769.00	SEA		x
37093	GREENHOUSE 23	4,269.00	THH		x
37348	GREENHOUSE 25	2,970.00	THH		x
37148	Gwynn Hall	41,446.00	SEA		x
37143	HEINKEL BLDG	41,257.00	THH		x
37051	HILL HALL	45,377.00	SEA		x
37248	HINK REC. RESRM	424.00	THH		x
37166	HULSTON HALL	139,393.00	SEA		x
37286	Intl. Inst. Of Nano & Molecular Medicine	29,613.00	THH		x
37243	JESSE AUD_ RCVMUadjusted(03)	52,519.00	SEA		x
37053	JESSE_ RCVMUadjusted(03)	131,500.00	SEA		x
37006	LAB ANIMAL CTR	12,886.00	THH		x
37086	LEE HILLS HALL	38,309.00	THH		x
37055	LEFEVRE	54,817.00	SEA		x
37090	LEWIS HALL	69,168.00	AA		x
37264	LIDR (Laboratory for Infectious Disease Research)	32,412.00	THH		x
37371	LOCUST ST - WES	12,831.00	THH		x
37301	LOCUST ST-EAST	35,399.00	THH		x
37124	LOEB HALL	14,680.00	THH	x	
37052	LONDON HALL	20,181.00	THH		x
37144	LOTTES HEALTH SCIENCE LIB	53,678.00	EDM		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	Building Name	Gross Area	Inspected By	Yes	No
37039	LOWRY HALL	17,229.00	AA		x
37252	MATH SCIENCE	37,063.00	THH		x
37059	MCALESTER	41,435.00	SEA		x
37008	MCALESTER ANNEX	2,481.00	SEA		x
37104	MCKEE GYM	30,778.00	SEA		x
37126	MCREYNOLDS HALL	45,438.00	THH		x
37146	MED SCIENCE ADD	64,819.00	EDM		x
37060	MEDICAL SCIENCE	258,048.00	SEA		x
37011	MELVIN H. MARX BUILDING	13,446.00	THH		x
37127	MEMORIAL TOWER_ RCVMUadjusted(03)	8,217.00	SEA		x
37014	MIDDLEBUSH HALL	71,179.00	SEA		x
37737	Midway Research Facility	4,228.00	THH		x
37357	Midway Storage Bin #3	320.00	THH		x
37358	Midway Storage Bin #4	320.00	THH		x
37359	Midway Storage Bin #5	320.00	THH		x
37470	Midway Storage Container #6	320.00	THH		x
37471	Midway Storage Container #7	320.00	THH		x
37062	MUMFORD	52,200.00	SEA		x
37370	MURR	68,359.00	THH		x
37381	MURR - TOBS #1	1,754.00	THH		x
37382	MURR - TOBS #2	1,689.00	THH		x
37394	MURR - TOBS #4	1,885.00	THH		x
37147	MURR - TOBS #5	2,063.00	THH		x
37180	MURR Cooling Tower	3,804.00	THH		x
37031	MURR INDUSTRIAL BUILDING	6,591.00	THH		x
37228	MURR MACHINE SHOP	5,656.00	THH		x
37088	MURR TOBS #3	2,343.00	THH		x
37007	MUSEUM SUPPORT	22,554.00	THH		x
37263	NEFF HALL - 59	21,456.00	SEA		x
37063	NEFF HALL_ RCVMUadjusted(03)	18,866.00	SEA		x
37129	NOYES HALL	21,718.00	SEA		x
37087	NURSING SCHOOL	65,615.00	EDM	x	
37274	Office of An. Resource	3,121.00	THH		x
37133	OLD STUDENT HEALTH CENTER	23,031.00	SEA		x
37066	PARKER HALL	27,378.00	SEA		x
37078	PHYSICS	89,749.00	SEA		x
37015	PICKARD HALL_ RCVMUadjusted(03)	24,601.00	SEA		x
37236	POUL NUTRITION	3,704.00	SEA		x
37375	PSYCHOLOGY BLDG	36,560.00	THH		x
37317	PULSED POWER RSCH BLDG	12,757.00	THH		x
37116	REACTOR FIELD PAVILION	1,144.00	THH		x
37069	READ HALL	19,496.00	SEA		x
37075	RES PARK DEV	10,496.00	THH		x
37136	RES PRK DEV GAR	848.00	THH		x
37376	REYNOLDS ALUM C	69,784.00	THH		x
37074.1	Reynolds Journalism Institute	52,184.00	SEA		x
37089	ROCK QUARRY CENTER	25,782.00	THH		x
37048	RP BOTANY GH	12,195.00	THH		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
37034	RRC AQUEOUS BLD	971.00	SEA		x
37083	RRC CHEM RECYCL	2,600.00	SEA		x
37005	RRC FLAMABLE BD	1,064.00	SEA		x
37383	RRC INCR91	1,458.00	SEA		x
37271	RRC MAT\'L STOR BLDG	1,133.00	SEA		x
37009	RRC SOLIDS BLDG	715.00	SEA		x
37084	RRC TRAILER	355.00	SEA		x
37347	RRC WASTE STOR	12,597.00	SEA		x
37016	SANBORN BLDG.	7,392.00	SEA		x
37072	SCHLUNDT ANNEX	27,779.00	SEA		x
37071	SCHLUNDT HALL	30,626.00	SEA		x
37073	SCHWEITZER	30,251.00	SEA		x
37316	Schweitzer Hall addition	22,482.00	SEA		x
37076	STANLEY	28,852.00	SEA		x
37233	STANLEY ADDN	7,335.00	SEA		x
37077	STEPHENS W L	9,907.00	SEA		x
37064	STEWART HALL	44,582.00	SEA		x
37004	STUDENT SUCCESS CENTER	35,900.00	SEA		x
37079	SWALLOW_ RCVMUadjusted(03)	30,162.00	SEA		x
37277	SWINE CTR SEWAGE BLDG	1,261.00	THH	Included in 37058	
37058	SWINE RESEARCH AND RESOUR	28,152.00	THH		x
37327	Switzler Hall (New)	28,424.00	SEA		x
37326	Tate Hall (New)	45,251.00	SEA		x
37023	THOMAS & NELL LAFFERRE HA_ RCVMUadjusted(03)	320,075.00	SEA	x	
37021	TOWNSEND HALL	99,556.00	SEA		x
37137	TROWBRIDGE CNTR	81,335.00	SEA		x
37251	TUCKER HALL	86,196.00	SEA		x
37250	UNIV. GARAGE	17,336.00	THH		x
37230	VET DIAG LAB	21,144.00	SEA		x
37099	VET MED EAST	55,311.00	SEA		x
37267	Vet Med MRI	827.00	SEA		x
37266	VET MED TOB 2	545.00	SEA		x
37229	VET MED WEST	73,497.00	SEA		x
37265	VET MEDICAL TOB 1	553.00	SEA		x
37100	VETERINARY SCIENCE BLDG	40,350.00	THH		x
37101	WALTER WILLIAMS	18,673.00	SEA		x
37102	WATERS	49,184.00	SEA		x
37103	WHITTEN	26,071.00	SEA		x
37368	WILLIAM C. STRINGER WING	31,638.00	SEA		x
MIZZOU NORTH-E AND G					
44085	Ellis Fischel	158,332.00	THH		x
44087	Garage & Storage	1,659.00	THH		x
44173	Allton Building	20,109.00	THH		x
44174	Green Building	15,453.00	THH		x
ROLLINS BOTTOMS					
37616	EAGLE AVIARY	2,017.00	THH		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
37621	VET OUTBLDG #01	2,899.00	THH		x
37622	VET OUTBLDG #02	2,197.00	THH		x
37623	VET OUTBLDG #03	2,314.00	THH		x
37624	VET OUTBLDG #04	506.00	THH		x
37625	VET OUTBLDG #05	3,105.00	THH		x
37627	VET MED RSH ANX (VET OUTBLDG #7)	4,172.00	THH		x
37628	Vet Outbuilding 8 Shelter 1	413.00	THH		x
37629	VET OUTBLDG #9	1,226.00	THH		x
SPLIT SHARE BUILDING-HOSP					
42000	Clinical Support & Education Bldg	70,387.00	AA		x
42185	Missouri Orthopedic Institute	21,200.00	AA		x
UM SYSTEM					
41005	UNIVERSITY HALL	35,298.00	THH		x
41008	PROVIDENCE PNT	12,630.00	THH		x
41009	PROV PNT STOR	96.00	THH		x
41011	UM LIB DEPOSIT	16,789.00	THH		x
37395	Missouri Theater		SEA	x	
ATHLETICS					
37352	Daniel J. Devine Athletic Pavilion	69249	SEA		x
37105	Dutton/Brookfield/ McElroy, Sports Med Ctr	46031	SEA		x
37350	Green Tennis Facility	28293	SEA		x
37256	Hearnes Building	332106	SEA		x
37269	John Burks Equipment Storage	5020	SEA		x
37329	MacArtor Athletic Building	5279	SEA		x
37096	Memorial Stadium Athletic Maintenance Bldg	2219	SEA		x
37220	Memorial Stadium Facilities	119081	SEA		x
37373	Mizzou Sports Arena	275999	AA		x
37276	Mizzou Student Athletic Training Facility Addition	45637	SEA		x
37150	Providence Road Pedestrian Bridge	2691	THH		x
37345	Scoreboard at Memorial St	1	SEA		x
37162	Soccer Shed #1	101	THH	Doesn't Exist	
37163	Soccer Shed #2	121	THH		x
37281	Soccer Storage	657	THH		x
37184	Soccer Storage Shed	76	THH	Doesn't Exist	
37170	Softball/Track/Field Ticket Booth	74	THH		x
37313	Southwest Maintenance Equipment Storage	315	THH		x
37158	Taylor Athletic Facility and Acad Resource Ctr	20166	SEA		x
37138	Taylor Stadium at Simmons Field	8154	SEA		x
37397	Tennis Court Office Building	193	THH		x
37351	Tiger Performance Complex	27172	SEA		x
37386	Walton (Audrey J.) Track & Soccer Field Stadium	9033	THH		x
37173	Walton Pavilion 1	494	THH		x
37174	Walton Pavilion 2	494	THH		x
37311	West Maintenance Equipment Storage	243	SEA		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
ENERGY MGMT					
37904	College Ave Substation	1980	THH		x
37389	East Campus Chiller Plant	15356	THH		x
37319	Electric Building	848.32	THH		x
37169	Energy Management Office	44803.24	THH		x
37247	Gas Compressor Building	3185.78	THH		x
37246	Gas Turbine Building	36931.73	THH		x
37225	Power Plant	130379.94	THH	x	
37040	Power Plant Office	15564.38	THH		x
37287	Research Park Chilled Water Plant	4668.1	THH		x
37369	Stadium Road Substation	749.8	THH		x
37227	Warehouse	11999.99	THH		x
37324	Warehouse Pump Building	315	THH		x
ENERGY MGMT WELL					
37222	South Well	849.47	THH		x
37231	Southwest Well	12772.2	THH		x
37245	East Well	925.69	THH	x	
37249	West Well	1306.28	THH		x
37384	North Well	1777.48	THH		x
GOLF COURSE					
37054	13th Hole Golf Shelter	73	SEA		x
37067	2nd Hole Golf Shelter	410	SEA		x
37168	Golf Cart Storage	4869	SEA		x
37360	A.L. Gustin Storage Barn	4219	SEA		x
37372	A.L. Gustin Golf Course - New Club House	7576	SEA		x
LIFE SCI INCUBATOR					
37218	Life Science Bus. Incubator	32460	THH		x
MEMORIAL STADIUM STRUCT.					
37938	Memorial Stadium Structure	410588	SEA		x
MISSOURI UNIONS					
37089A	Rock Quarry Center Warehouse	79198	THH	Included in 37089	
37128	Memorial Student Union	122395	AA	x	
37234	A P Green Chapel	3400	AA		x
37268	MU Student Center	233011	AA		x
MURR NONEG					
37261	MURR Shipping & Receiving Building	3217	THH		x
37340	MURR North Office Addition	30240	THH		x
NON E&G COLUMBIA CAMPUS					
37260	ALPINE PICNIC PAVILION	1878	SEA		x
PARKING					

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
37164	Parking Structure - Conley Avenue	7,249.00	SEA		x
37279	Parking Structure - Hitt Street	16,114.00	SEA		x
37179	Parking Structure - Tiger Avenue	562375	SEA		x
37378	Parking Structure - Turner Avenue	396020	SEA		x
37165	Parking Structure - University Avenue	7,995.00	SEA		x
37131	Parking Structure - Virginia Avenue	19,404.00	SEA		x
37323	Parking Structure 7	7,458.00	SEA		x
		958395			
PRINTING SERVICE					
37380	Printing & Publication Facilities - 2800 McGuire	118111	THH		x
RES LIFE					
37186	1 University Heights	8002	THH		x
37187	2 University Heights	2767	THH		x
37188	3 University Heights	8218	THH		x
37189	4 University Heights	6712	THH		x
37190	601 University Village	6817	THH	Separate Report	
37191	602 University Village	6831	THH	Separate Report	
37192	603 University Village	6963	THH	Separate Report	
37193	604 University Village	6822	THH	Separate Report	
37194	605 University Village	6817	THH	Separate Report	
37195	701 University Village	6822	THH	Separate Report	
37196	702 University Village	6944	THH	Separate Report	
37197	703 University Village	6817	THH	Separate Report	
37198	704 University Village	6817	THH	Separate Report	
37199	705 University Village	6817	THH	Separate Report	
37200	706 University Village	6817	THH	Separate Report	
37201	707 University Village	6817	THH	Separate Report	
37202	708 University Village	6817	THH	Separate Report	
37203	709 University Village	6817	THH	Separate Report	
37244	Bingham Dining Hall	40827	THH		x
37219	College Ave. Res. Hall	90165	THH		x
37318	Defoe-Graham Hall	102936	AA		x
37374	Dobb's Group Pedestrian Tunnel	4161	THH		x
37114	Dobbs Pavilion	22163	THH		x
37335	Gillett Hall (New)	91925	THH		x
37119	Hatch Hall	112987	THH		x
37284	Hatch Hall Entry Building	6342	THH		x
37334	Hudson Hall (New)	93246	THH		x
37120	Johnston Hall	100010	THH		x
37121	Jones Hall	74088	THH		x
37122	Lathrop Hall	73500	THH		x
37123	Laws Hall	72871	THH		x
37344	Manor House	59143	THH		x
37399	Mark Twain Residence Hall		AA		x
37125	McDavid Hall	36278	THH		x
37333	Mid Campus Housing Golf Cart Structure	323	AA		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
37332	Mid Campus Housing, Dogwood Residence Hall	60985	AA		x
37331	Mid Campus Housing, Galena Residence Hall	63915	AA		x
37330	Mid Campus Housing, Hawthorn Residence Hall	65934	AA		x
37130	Pershing Dining Hall & Hitt Street Market	35894	AA		x
37044	Plaza 900 Dining Facility	34308	THH		x
37336	Rollins Dining Hall (New)	42184	THH		x
37132	Schurz Hall	113734	THH		x
37283	Schurz Hall Entrance Building	4939	THH		x
37291	Southwest Campus Housing - Center Hall	63382	AA		x
37290	Southwest Campus Housing - North Hall	50445	AA		x
37292	Southwest Campus Housing - South Hall	104568	AA		x
37295	Tara Apartments Bldg 2	11238	THH	x	
37294	Tara Apartments Bldg. 1	10354	THH	x	
37304	Tara Apartments Bldg. 10	15596	THH		x
37305	Tara Apartments Bldg. 11	15596	THH	x	
37306	Tara Apartments Bldg. 12	8440	THH		x
37307	Tara Apartments Bldg. 13	12724	THH		x
37308	Tara Apartments Bldg. 14	12724	THH		x
37309	Tara Apartments Bldg. 15	12724	THH		x
37310	Tara Apartments Bldg. 16	12724	THH		x
37296	Tara Apartments Bldg. 3	10354	THH	x	
37297	Tara Apartments Bldg. 4	10354	THH	x	
37298	Tara Apartments Bldg. 5	15596	THH	x	
37299	Tara Apartments Bldg. 6	15596	THH	x	
37300	Tara Apartments Bldg. 7	10417	THH	x	
37302	Tara Apartments bldg. 8	10354	THH	x	
37303	Tara Apartments Bldg. 9	15596	THH	x	
37314	Tara Apartments Maintenance Bldg.	1149	THH		x
37312	Tara Apartments Office Bldg.	5367	THH		x
37315	Tara Apartments Shop Bldg.	1381	THH		x
37035	Virginia Ave Residence Hall #1 "Respect"	48344	THH		x
37036	Virginia Ave Residence Hall #2 "Responsibilty"	60538	THH		x
37037	Virginia Ave Residence Hall #3 "Excellence"	51606	THH		x
37038	Virginia Avenue Res. Hall #4 "Discovery"	60764	THH		x
37239	Wolpers Hall	77929	THH		x
STUDENT REC SVCS					
37013	Brewer Field House	70728	AA		x
37068	Rothwell Gymnasium	26287	AA		x
37151	Student Rec Center Addition	132581	AA		x
37172	Student Recreation Center	61297	AA		x
37177	Stankowski Fieldhouse	2312	AA		x
SURPLUS PROPERTY					
37139	Rock Quarry Warehouse	21220	THH		x
TELECOM					
37142	Telecom Building	30316	THH		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
37145	Telecommunications Generator Building	374	THH		x
37346	North Switch Node	1043	THH		x
65000	Discovery Ridge Telecom Hut	324	THH		x
THOMPSON CENTER					
37385	New Thompson Center	26322	EDM		x
TV STATION					
14054	KOMU-TV Station	21116	AA		x
14092	KOMU-TV TOWER	1	AA		x
14094	KOMU Garage	2571	AA		x
14151	KOMU Storage Annex	631	AA		x
14276	KOMU Storage Annex 2	132	AA		x
UM SYSTEM					
41010	2910 LeMone Boulevard	60545	THH		x
MIZZOU NORTH-NON E AND G					
44097	Pipe Fitter's Shop	2710	THH		x
44175	Ellis Fischel Guest House	16023	THH		x
UM HOSPITAL					
42182	3211 S Providence Rd	10775	EDM		x
42010	3301 Providence	3779	EDM		x
42092	Ambulatory Surgery Unit	12571	EDM		x
42094	Bicycle Shelter - South	287	EDM		x
42091	Burns Ctr for Diabetes & Cardiovascular Rsch	11025	EDM		x
42003	Compactor Enclosure	1008	EDM		x
42302	Critical Care	169416	EDM		x
42301	Fairview Clinic	19601	THH		x
42181	Hospital Lobby and Concourse	68276	EDM		x
42089	Mason Institute Building	16987	EDM		x
42127	McHaney Hall	53837	EDM		x
42002	Medical Gas Storage Bldg	1296	EDM		x
42434	Missouri Psychiatric Center	97378	EDM		x
42180	Parking Structure - Hospital	149713	SEA		x
42004	Patient Care Tower	258404	EDM		x
42183	Primary Health Center(B), 3213 South Providence Rd	4061	EDM		x
42184	Primary Health Center, 3217 South Providence Rd	22690	EDM		x
42200	Quarterdeck - LeMone Blvd.	148602	THH		x
42281	Rock Quarry Center Storage Annex #1	712	THH		x
42282	Rock Quarry Center Storage Annex #2	728	THH		x
42283	Rock Quarry Center Storage Annex #3	101	THH		x
42005	Soiled Linen Storage Building	922	EDM		x
42083	University of Missouri Teaching Hospital	382600	EDM	x	
42300	University Physicians Medical Building	97934	AA		x
37459	New Ronald McDonald House		AA		x

Building Spreadsheet

				Life - Safety Hazards Observed	
Building Code	**Building Name**	**Gross Area**	**Inspected By**	**Yes**	**No**
WOMENS & CHILDRENS HOSP					
45350	Women's and Children's Ho	143395	EDM		x
45353	CRH - Engineering Building	16740	EDM		x
45354	CRH - Grounds Shed	96	EDM		x
45355	CRH Bio-Hazard Waste Bld	1508	EDM		x
45360	CRH - South Pavilion	36308	EDM		x
HINKSON BOTTOMS					
38518	Hinkson Bottoms - Corn Storage	52			
38519	Hinkson Bottoms - Seed Storage (cold room)	36			x
38521	Hinkson Bottoms - Grain Bin #1	268			x
38522	Hinkson Bottoms - Butler Maintenance Bldg.	3316	SEA		x
38523	Hinkson Bottoms - Seed Dryer	616			
38524	Hinkson Bottoms - Shop	1279	SEA		x
38525	Hinkson Bottoms - Cold Room	334	SEA		
38526	Hinkson Bottoms - Latrine	27			
38527	Hinkson Bottoms - Storage Shed #2	777	SEA		x
38528	Hinkson Bottoms - Maize Research Laboratory	4800	SEA		x
38529	Hinkson Bottoms - Machine Shed	3880	SEA		x
38530	Hinkson Bottoms - New Storage	542			
38562	Hinkson Bottoms - Pesticide Facility	1797	SEA		x
38566	Hinkson Bottom - Gas Tanks	54			
38567	Hinkson Bottoms - Tool Storage	100			

Columbia Campus

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Old Alumni Center (1105 Carrie Francke Dr.) - 37010

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 8:30 AM - 9:30 AM

Accompanying Personnel:

Building Description:

Three levels office type building with south pavilion. Basement offices and storage.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Shop Building (1110 S. College Ave.) - 37475

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 11:00 AM - 11:30 AM

Accompanying Personnel:

Building Description:

Detached, two levels shop and storage building for MU Fire Rescue extension center and 4H Club. Wood framed, exposed east basement wall.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Office Building (1110 S. College Ave.) 37474

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 10:30 AM - 11:00 AM

Accompanying Personnel:

Building Description: Two level office building, modern wood facade construction. Connected to trailer building at southeast corner.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Trailer Building (1110 S. College Ave.) - 37476

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 11:30 AM - 12:00 PM

Accompanying Personnel:

Building Description:

Double wide trailer type wood framed small building connected at east covered deck area to office building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37272 207 Hitt Street Bldg

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: Two story wood and concrete structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37353 209 Hitt Street Building

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: Two story masonry and wood structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Anhenser Busch Resources - 37175

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 2:00 PM

Accompanying Personnel: David Slate

Building Description: Four-story steel framed building with flat roof and precast exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37001 - Abattoir

Engineer: Kris Bezenek (THHinc)

Date: 3/18/14 Time: 10:45 AM

Accompanying Personnel: None

Building Description:

Single story structure consisting of load-bearing CMU and and internal steel frame supporting a precast concrete roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37171 - Abattoir Annex

Engineer: Kris Bezenek (THHinc)

Date: 3/18/14 Time: 10:45 AM

Accompanying Personnel: None

Building Description:

Rectangular prefab metal cooler.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation

Building Name & Number: Academic Support Center #37065

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, inc.

Date: 3/4/2014 Time: 2:35 p.m.

Accompanying Personnel:

Kirby Lindsay

Building Description:

Older structure located to the east of the power plant. West portion is two-story U-shaped brick masonry structure, frame floors and roof. East section is single story warehouse building, steel beams and columns,masonry infill exterior walls. Columns clad in brick masonry. Steel roof beams are level with sloped timber above for roof drainage. Roofs are EPDM.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/6/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Agriculture Engineering Building - 37154

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 3-5-2014 Time: 10:30 AM

Accompanying Personnel: Joe Painter

Building Description: Two-story building with sloped/flat roof and limestone/brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Agriculture Building - 37002

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 3:00 PM

Accompanying Personnel: David Slate

Building Description: Three-story concrete framed building with flat roof and precast/brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Agriculture Lab - 37003

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 3:15 PM - 4:00 PM

Accompanying Personnel: Rita Erickson

Building Description:

One-story stone exterior building with flat and sloped roofs. Roof framing is both concrete panel and concrete. Parapets are present. Structural steel framed building with no attic. Window skylights present in portions of the roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Animal Science Center - 37254

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 10:05 AM - 12:25 PM

Accompanying Personnel: Jeff Canole

Building Description:

Single story, steel building with CMU walls and partial basement with tunnels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Arts and Science 37012

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 12:30

Accompanying Personnel: Les ??? - Campus Facilities

Building Description:

Four level concrete frame with brick facade, low parapets, curtain wall glass at center stair.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Animal Science Resource (ASRC) Unit F - 37270

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 3-6-2014 Time: 11:00 AM

Accompanying Personnel: Joe Painter

Building Description: One-story steel framed building with sloped metal roof, exterior brick and mezzanine floor.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic. # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37293 Marching Band Shed

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description:

One story wood framed structure with metal wall and roof panels (assumed wood framed)

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37235 Old Beef Barn

Engineer: John Smith

Date: 3/1/14 Time: _____

Accompanying Personnel:

Building Description:

Multi story (1,2 and 3) wood framed structure with brick and lap siding facade. Shingled pitch roof. Some areas have three stories of storage floors.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37273 - Medical Science Bio Waste

Engineer: Kris Bezenek (THHinc)

Date: 3/18/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Single story structure with a combination of CIP concrete and CMU exterior walls supporting a prestressed hollow core roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Black Culture Center 37343

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 2:00

Accompanying Personnel: Jeff McCubbins - Campus Facilities

Building Description: One story load-bearing masonry walls with bar joists roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Bond Life Science - 37156

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 10:30 AM

Accompanying Personnel: David Slate

Building Description: Five-story concrete framed building with steel roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Life Science Mechanical - 37157

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 4:00 PM

Accompanying Personnel: David Slate

Building Description: Two-story building including basement with concrete floor, steel roof, and exterior brick/limestone.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37282 CF Greenhouse

Engineer: John Smith

Date: 3/3/14 Time: _____

Accompanying Personnel:

Building Description: One story fabric and steel framed structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37392 CF Salt Storage Building

Engineer: John Smith

Date: 3/1/14 Time: _____

Accompanying Personnel:

Building Description:

Concrete and wood framed structure. Sloped metal roof panels. Metal wall panels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37388 CF Shed No. 2

Engineer: John Smith

Date: 3/3/14 Time: _____

Accompanying Personnel:

Building Description: One story wood framed structure with steel panels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37085 CF Storage

Engineer: John Smith

Date: 3/3/14 Time:

Accompanying Personnel:

Building Description:

One story wood post framed structure with metal roof and wall panels.

Some units have wood mezzanines.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Chancellor's Residence - 37108

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-27-2014 Time: _____

Accompanying Personnel: Rob Bryant

Building Description:

Multi-wythe brick masonry perimeter with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Chemistry Addition - 37278

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 8:00 AM

Accompanying Personnel: Scott Leslie

Building Description: Four-story steel framed building with flat roof and precast exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Chemistry Building - 37257

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 2:30 PM

Accompanying Personnel: Scott Leslie

Building Description: Four-story concrete framed building with flat roof, mechanical sub-basement and stone/brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Clark Hall #37091

Engineer: Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 1:30 pm - 2:10 pm

Accompanying Personnel:

Building Description:

6 stories plus basement
Concrete structure
Brick Facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Clydesdale Hall - 37379

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-5-2014 Time: 9:30 AM - 12:00 PM

Accompanying Personnel: Jeff McCubbins

Building Description:

Three floors with mechanical room level on top. Reinforced concrete frame with structural steel roof framing masonry and steel metal panel facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Ralph C. Jones MO22413 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Professional Building 37024

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 1:30

Accompanying Personnel: Greg Warren, Campus Facilities

Building Description:

Three levels plus full basement load bearing masonry with concrete pan floors. Building has low parapets and a detached steel entry canopy. There is an exterior steel fire escape on the east side of the building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: College Ave Pedestrian Bridge 37160

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 2:15

Accompanying Personnel: None

Building Description: Steel truss with concrete deck and standing seam metal roof

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Conley House 37025

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 11:30

Accompanying Personnel: Rebekah Hart - Building Coordinator

Building Description: Two level load bearing brick masonry with wood floor and roof framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Connaway 37017

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 3:15

Accompanying Personnel: None

Building Description: Three level load bearing masonry building with stone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Cornell Hall - 37280

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 10:00 AM

Accompanying Personnel: Walter Watson

Building Description:

Reinforced concrete frame with structural steel roof framing. Masonry facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Ralph C. Jones MO22413 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Crowder Hall 37018

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 3:45

Accompanying Personnel: None

Building Description: Two level concrete frame with flat roof, low parapets and stone facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Crowder Hall Annex, 37176

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 4:00

Accompanying Personnel: None

Building Description: One Level Earth Contact structure with stone facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Curtis Hall - 37019

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 9:00 AM

Accompanying Personnel: Scott Leslie

Building Description: Three-story concrete framed building with both flat and sloped roof and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37253 - Dalton Cardiovascular Research

Engineer: Kris Bezenek (THHinc)

Date: 4/1/14 Time: 4:00 PM

Accompanying Personnel: Brenda Dudley

Building Description:

Single story entry with 3-story main building. Both are concrete frames with CIP floors and roofs. Lower roof is ballasted and upper roof is asphalt sheathed. Exterior cladding is brick with slate accent panels. Cantilevered balconies at 2nd and 3rd floors along north wall.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

4/1/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37341 Discovery Ridge Engr Bldg 1

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Pre-engineered building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37342 Discovery Ridge Engr Bldg 2

Engineer: John Smith

Date: 3/8/14 Time:

Accompanying Personnel:

Building Description: Metal quonset bldg.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Eckles Hall - 37020

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-27-2014 Time: _____

Accompanying Personnel:

Building Description: Perimeter stone bearing walls with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
G. KELLEY GIPPLE
NUMBER PE-021757
PROFESSIONAL ENGINEER
3-26-14

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37030 - EH&S Universal Waste Building

Engineer: Kris Bezenek (THHinc)

Date: 3/18/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Metal shipping container.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Ellis Library Addition - 37167

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-28-2014 Time: 9:00 AM - 1:00 PM

Accompanying Personnel: Les Patrick

Building Description: Addition to five story stone exterior building with both flat and sloped roofs. Multiple framing systems including steel framing with concrete on concrete foundation.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Ellis Library - 37056

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-28-2014 Time: 9:00 AM - 1:00 PM

Accompanying Personnel: Les Patrick

Building Description:

Five-story stone exterior building with both flat and sloped roofs. Multiple framing systems including steel framing with concrete or wood on concrete foundation and multiple attics and multiple buildings (expansion joints).

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37727 Discovery Ridge Remote Test

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel:

Building Description:

Pre-Engineered steel building. High bay and single slopes attaching

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: Engineering West #37022

Engineer: Thomas P/ Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/4/2014 Time: 3:30 p.m. CDT

Accompanying Personnel:

Rob Bryant

Building Description:

The building is a four story (3 plus basement) concrete beam and column frame. One way slab floors with intermediate beams, as seen in exposed areas. Roof is flat, with newer light pigmented EPDM, slopes to four central drains. Low parapet around perimeter, cap in good condition, no overhangs,

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/6/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37362 - Engineering Trailer at Midway

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:45 PM

Accompanying Personnel: None

Building Description:

Three trailers on-site. Two newer double-wide buildings and an older, possibly temporary, single-wide.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Epple Field Picnic Pavilion - 37097

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 9:30 AM - 10:00 AM

Accompanying Personnel:

Building Description: Timber framed picnic pavilion with concrete slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Epple Park Restroom - 37255

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 9:30 AM - 10:00 AM

Accompanying Personnel:

Building Description: Wood framed picnic area restroom structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Ernie and Lotti Sears Plant Growth - 37393

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 3:00 PM - 3:15 PM

Accompanying Personnel: Rita Erickson

Building Description: Two-story glass exterior greenhouse building. Structural steel framed system on concrete foundation and no attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Fine Arts (Arts Building) - 37026

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-4-2014 Time: 10:30 AM - 11:15 AM

Accompanying Personnel: Eric Nickerson

Building Description:

Two-story, concrete frame building with partial basement and tunnel with CMU walls.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER
PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Fine Arts (Music & Drama Building) - 37232

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-4-2014 Time: 11:15 AM - 12:05 PM

Accompanying Personnel: Eric Nickerson

Building Description:

Two-story, concrete framed building with partial basement. Theater area is steel frame with CMU walls.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Fine Arts Annex - 37155

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 3-5-2014 & 3-6-2014 Time: 3:00 PM

Accompanying Personnel: Gregory Warren and Dean Packard

Building Description: Two-story building with sloped roof, brick exterior and wood deck at back.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37221 Firehouse 3

Engineer: John Smith

Date: 3/4/14 Time:

Accompanying Personnel:

Building Description: One story masonry and steel framed structure. Brick facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37377 - Flammable Storage in Rock Quarry

Engineer: Kris Bezenek (THHinc)

Date: 3/18/14 Time: 11:15 AM

Accompanying Personnel: None

Building Description:

Wood framed walls and joist supporting a metal deck roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Gannet Hall - 37061

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 10:00 AM

Accompanying Personnel: Woody Neef

Building Description: Three-story concrete framed building with flat roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates,Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37258 Strickland GCB

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description:

Four story concrete and masonry building with a penthouse mechanical area.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37224 General Services Building

Engineer: John Smith

Date: 3/24/14 Time: _____

Accompanying Personnel:

Building Description:

One and Two story masonry and concrete framed structure. Exterior is brick and glass.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Gentry Hall - 37115

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-28-2014 Time: 1:30 PM - 2:15 PM

Accompanying Personnel: Greg Warren

Building Description:

Five-story stone exterior building with flat and sloped roofs and parapets. Concrete framed structure with wood framed attic. Attic access was restricted due to "Danger Asbestos" sign; no further attic exploration was conducted.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Geological Sciences - 37027

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-26-2014 Time: 10:45 AM - 12:00 PM

Accompanying Personnel: Woody Neef

Building Description:

Four-story brick exterior concrete framed structure with a flat roof and parapets.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37322 Steam Building for Greenhouse 18 & 19

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: One story masonry and concrete structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37320 Greenhouse Storage Shed

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Metal framed shed

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: Greenhouse 22 Storage Shed

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Steel panel and roof shed.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

Items that require further review or maintenance that could become safety hazards:

Some roof damage but no significant issue.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/4/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Greenhouse #1 - 37028

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 3-6-2014 Time: 3:45 PM

Accompanying Personnel: David Slate

Building Description: One-story greenhouse with sloped roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Greenhouse #2 - 37029

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 3-6-2014 Time: 3:15 PM

Accompanying Personnel: David Slate

Building Description: One-story greenhouse with sloped roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37046 Greenhouse 18

Engineer: John Smith

Date: 3/14/14 Time: _____

Accompanying Personnel:

Building Description: Light gauge metal, glass and Plexiglas framing

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37047 Greenhouse 19

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Light gauge steel, Plexiglas and glass structure

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37043 Greenhouse 20

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Light gauge steel frame with Plexiglas and glass exterior

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/21/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37045 Greenhouse 21

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: One story light gauge steel framing with Plexiglas and window facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37182 Greenhouse 22E

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Light gauge metal framed.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37183 Greenhouse 22W

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Light gauge steel framed structure with Plexiglas and glass facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37093 Greenhouse 23

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Metal framing with fabric facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37348 Greenhouse 25

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Light gauge steel and Plexiglas structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Gwynn Hall - 37148

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 1:30 PM - 2:15 PM

Accompanying Personnel: Greg Warren

Building Description:

Four-story stone exterior building with both flat and sloped roofs and stone parapets. Concrete framed structure on stone foundation and no attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37143 Heinkel Building

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description:

Brick/masonry exterior. Concrete framed floors. Wood framing on roof structure.

Brick chimney. Rubber roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hill Hall - 37051

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel:

Building Description: Mulit-wythe masonry perimeter with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37248 Hinkson Field Restroom

Engineer: John Smith

Date: 3/1/14 Time: _____

Accompanying Personnel:

Building Description: One story masonry and wood framed structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hulston Hall - 37166

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-4-2014 Time: 3:00 PM - 4:30 PM

Accompanying Personnel: Eric Nickerson

Building Description:

Four-story brick and stone exterior building with both flat and sloped roofs with parapets. Concrete framed system on concrete foundation.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Building Name & Number: Int'l. Inst. of Nanotech & Molecular Medicine #37286

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/10/2014 Time: 10:30 a.m.

Accompanying Personnel:

Kaitlyn Muckler

Building Description:

Three story building,concrete column & beam frame. Floors pan slab construction. Exterior is brick masonry over CMU walls. Upper story houses mechanical equipment, has metal panel cladding, metal roof overhead. The north end has stairway with glass panel exterior walls. The glass panels inset from the roof level above. Overhang is sound with no sign of issues.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Jesse Auditorium - 37243

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel:

Building Description: Multi-wythe masonry perimeter with cast-in-place concrete interior floor framing and structural steel roof framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Jesse Hall - 37053

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel:

Building Description:

Multi-wythe brick masonry perimeter with interior multi-wythe bearing walls, cast iron columns, and steel beams with flat tile arch.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37006 Lab Animal Center

Engineer: John Smith

Date: 3/20/14 Time: _____

Accompanying Personnel:

Building Description: Brick facade with sloped floors in rear. Membrane roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37086 Lee Hills Building

Engineer: John Smith

Date: 3/4/14 Time:

Accompanying Personnel:

Building Description:

Three story concrete framed structure with steel roof framing. Brick and glass exterior. Waffle slab construction.

Roof consists of a combination of membrane and slate.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: LeFevre Hall (Biology) - 37055

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 8:00 AM

Accompanying Personnel: Scott Leslie

Building Description: Three-story concrete framed building with wood framed both flat and sloped roofs and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Lewis Hall #37090

Engineer: Randy Jasper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 1:30 pm - 2:10 pm

Accompanying Personnel:

Building Description:

8 stories plus basement
Concrete Structure, cantilevered exterior balconies on west side
Brick Facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37264 - LIDR (Laboratory for Infectious Disease Research)

Engineer: Kris Bezenek (THHinc)

Date: 3/20/14 Time: 2:00 PM

Accompanying Personnel: Dan Hassett

Building Description:

The building is a 2-story structure with a walkout basement. Framing consists of a sloped metal bar joist and deck roof supported on a steel frame with steel beam, concrete and metal deck floors. 2nd level consists of a mechanical penthouse.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37371 Locust Building West

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Two story concrete framed structure with brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37301 Locust St. Building East

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description:

Three story brick structure. Concrete framing.

Membrane roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: Loeb Hall #37124

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, inc.

Date: 3/4/2014 Time: 2:00 p.m.

Accompanying Personnel:

Brooke Danielsen (Kirby Lindsay for mechanical room)

Building Description:

2-story (Basement + upper floor) concrete column & beam frame with pan slabs and infill walls. No parapets, ballasted roof. Basement mechanical room extends south with first level exterior patio overhead. Basement level also extends north with exterior patio overhead. 5 feet of upper level cantilevers over East & West basement walls.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Concrete exterior stair to north patio is badly deteriorated, including loss of concrete, exposed reinforcing steel and failed and lost reinforcing steel as noted in page 2 photos. Close the stairway and area beneath it to all pedestrian traffic until it is fully shored, or until it is replaced with a new, sound structure. (Note: Page 3 photo shows completed fix in place.)

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/10/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

COMPLETED

North side concrete stair to first level patio is badly deteriorated. Figures 1 and 3 below show severe concrete loss with exposed reinforcing, and in Figure 2 a reinforcing bar can be seen completely separated from the structure.

Figure 1

Figure 2

COMPLETED

Access to the deteriorated stair was blocked and the structure was entirely removed. A new temporary stair structure was placed to restore access. Figure 3 below shows the new temporary stair. It was inspected and found to be structurally sound on March 10, 2014.

Figure 3

COMPLETED

University of Missouri Structural Building Observation

Building Name & Number: London Hall #37052

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/4/2014 Time: 4:00 p.m.

Accompanying Personnel:

Rob Bryant

Building Description:

The primary structure is 3 stories (Basement and 2 floors up) with concrete column and beam frame with CMU infill walls and pan slab floors and roof. A west extension extends to the second floor and has a steel joist and metal deck roof. Ballasted roof slopes to interior drains. There are no parapets and no overhanging cornices or other hazards,

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: LOTTES Health Science Library #37144

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-4-14 Time: 2:45 pm - 5:00 pm

Accompanying Personnel: James Ludeman

Building Description:

3 story structure
Concrete structure with steel framed roofs above atriums at north and south ends.
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

STATE OF MISSOURI
ERIC W. MULLIKIN
NUMBER E-26655
PROFESSIONAL ENGINEER

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Lowry Hall #37039

Engineer: Randy Jasper, P.E. & Don Eichholz/Alper Audi, Inc.

Date: 2-28-14 Time: 11:20 am - 12:10 pm

Accompanying Personnel: Eric Nickerson

Building Description:

3 stories plus basement
Stone & Brick Facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Math Sciences 37252

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 1:00

Accompanying Personnel: Campus Facilities

Building Description:

Three level reinforced concrete frame with full basement. Second level cantilievered over main level ~6' around full perimeter of building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: McAlester Hall - 37059

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 1:45 PM

Accompanying Personnel: Kirby Lindsey

Building Description: Three-story wood framed building with sloped roof and brick/stone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: McAlester Annex - 37008

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-28-2014 Time: 1:00 PM

Accompanying Personnel: Kirby Lindsey

Building Description:

Two-story concrete framed building with steel wood and sloped roof and limestone/brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: McKee Gym - 37104

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-28-2014 Time: 2:45 PM - 3:30 PM

Accompanying Personnel: Greg Warren

Building Description:

Four-story stone exterior building with both flat and sloped roofs and parapets. Structural steel and wood and concrete framed on stone foundation and attic on west half. Gymnasium with elevated track.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Building Name & Number: McReynolds Hall #37126

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/4/2014 Time: 2:30 p.m.

Accompanying Personnel:

Building Description:

5-story concrete column &beam structure; CMU and brick infill walls &slab floors. Primary entry via 5 second floor entries on south side, all have elevated exterior concrete walkways. Walkways observed and found to be in good condition. Roof: built-up surface sloping to interior drains, Minimal parapet, only to prevent water from reaching the side walls.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Medical Science Addition #37146

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-5-14 Time: 8:30 am - 11:00 am

Accompanying Personnel: James Ludeman

Building Description:

4 story structure
Concrete structure
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Medical Science Building #37060

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-5-14 Time: 11:00 am - 5:00 pm

Accompanying Personnel: James Ludeman

Building Description:

7 story structure with basement
Concrete structure with steel framed mechanical and elevator penthouses
Stone and brick facade
Auditorium at south of structure is one story framed with steel joists, beams and columns.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015
EDM Incorporated, Engineering Corporation #000227
220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Building Name & Number: Melvin H. Marx Building #37011

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/10/2014 Time: 10:00 a.m.

Accompanying Personnel:

Emily Sabath

Building Description:

Original building: two-story concrete beam & column frame, slab floors and roof. Exterior: face brick over CMU walls. Roof is EPDM sloped to interior drain. No parapet. S. side canopies extend from 2nd floor level over doors and windows. Canopies are sound. New addition to east houses brain scan unit. Addition has stone panel exterior walls, EPDM roof, high parapets.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Memorial Tower #37127

Engineer: Randy Jasper, P.E. & Don Eichholz/Alper Audi, Inc.

Date: 2-28-14 Time: 9:30 am - 11:00 am

Accompanying Personnel: Jason Morgan

Building Description:

4 stories plus basement
Flat room
Concrete Structure
Stone Facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Middlebush Hall - 37014

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-4-2014 Time: 2:00 PM - 3:30 PM

Accompanying Personnel: Les Patrick

Building Description:

Three-story, concrete frame building with basement and tunnel. Exterior facade is brick.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37737 - Midway Research Facility

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:55 PM

Accompanying Personnel: None

Building Description:

Tall, single story metal framed pre-engineered building, with an interior crane hoist.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37357 - Midway Storage Container #3

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:30 PM

Accompanying Personnel: None

Building Description:

Metal shipping container.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37358 - Midway Storage Container #4

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:30 PM

Accompanying Personnel: None

Building Description:

Metal shipping container.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37359 - Midway Storage Container #5

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:30 PM

Accompanying Personnel: None

Building Description:

Metal shipping container.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37470 - Midway Storage Container #6

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:30 PM

Accompanying Personnel: None

Building Description:

Metal shipping container.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37471 - Midway Storage Container #7

Engineer: Kris Bezenek (THHinc)

Date: 3/17/14 Time: 2:30 PM

Accompanying Personnel: None

Building Description:

Metal shipping container.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mumford - 37062

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 10:00 AM - 11:30 AM

Accompanying Personnel: Greg Warren

Building Description:

Three-story stone exterior building with both sloped and flat roofs and stone parapets. Concrete framed system on stone foundation and wood framed attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37370 - MURR - LABORATORY AND CONTAINMENT BUILDINGS

Engineer: Cody L. Dailey PE-2008002145

Date: 03.18.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Reinforced concrete structure. Main structure is single story with a small basement area. Containment is multistory height and all reinforced concrete. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

03.21.14

Engineering Seal

North Office Addition
TOB #5
TOB #4
TOB #1
TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
Imagery ©2014 Google, Map data ©2014 Google -

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37381 - MURR - TOBS #1

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Temporary Office Building #1 is a one story wood modular unit. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

North Office Addition
TOB #5
TOB #4
TOB #1
TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37382 - MURR - TOBS #2

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Temporary Office Building #2 is a one story wood modular unit. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

North Office Addition
TOB #5
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MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37394 - MURR - TOBS #4

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Temporary Office Building #4 is a one story wood modular unit. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
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1901 Pennsylvania Dr. Columbia, MO 65202

Engineering Seal

North Office Addition
TOB #5
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TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37147 - MURR - TOBS #5

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Temporary Office Building #5 is a one story wood modular unit. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
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1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

North Office Addition
TOB #5
TOB #4
TOB #1
TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37180 - MURR - COOLING TOWER

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Masonry/Concrete structure w/ supplemental steel support. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
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1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

North Office Addition
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TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37031 - MURR - INDUSTRIAL BUILDING

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Pre-engineered metal building. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
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1901 Pennsylvania Dr. Columbia, MO 65202

STATE OF MISSOURI
CODY LANDON DAILEY
NUMBER PE-2008002145
PROFESSIONAL ENGINEER

03.06.14

Engineering Seal

North Office Addition
TOB #5
TOB #4
TOB #1
TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37228 - MURR - MACHINE SHOP

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Single story steel bar joists on load bearing CMU See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

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SaRB
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Cooling Tower
Machine Shop
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University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37088 - MURR - TOBS #3

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Temporary Office Building #3 is a one story wood modular unit. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

STATE OF MISSOURI
CODY LANDON DAILEY
NUMBER PE-2008002145
PROFESSIONAL ENGINEER

03.06.14

Engineering Seal

North Office Addition
TOB #5
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TOB #1
TOB #2
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Machine Shop
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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37007 Museum Support Center

Engineer: John Smith

Date: 3-1-14 Time: _____

Accompanying Personnel:

Building Description: Pre-engineered steel building with metal wall and roof panels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/21/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Neff Hall - 37263

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 10:00 AM - 10:45 AM

Accompanying Personnel: Woody Neef

Building Description: Three-story concrete framed building with flat and sloped roofs and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Neff Hall Annex - 37063

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 11:30 AM

Accompanying Personnel: Woody Neef

Building Description: Two-story concrete framed building with flat roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Noyes Hall - 37129

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 3:30 PM

Accompanying Personnel: Wayne Ford

Building Description: Four-story building with sloped roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Building Name & Number: School of Nursing #37087

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-4-14 Time: 1:00 pm - 2:45 pm

Accompanying Personnel: James Ludeman

Building Description:

3 stories plus basement on south end
2 stories north end
Concrete structure
Brick Facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description: Precast panels at soffits of canopies at NW exit stairs (2 locations) have small patch of loose spalled concrete hanging from them, and the loose concrete is in danger of falling off of the structure. See photo 37087-1.

Items that require further review or maintenance that could become safety hazards:

1. Handrail posts outside of elevator penthouse are constructed of 3/4" steel bar, and deflect excessively when loaded horizontally. Posts should meet OSHA standards. See photo 37087-2.
2. Exterior brick shelf angle supporting brick facade at one story sections of structure at east and west sides of building are corroding. See photo 37087-3.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
ERIC W. MULLIKIN
NUMBER E-26655
PROFESSIONAL ENGINEER

Engineering Seal 3-10-2014

COMPLETED

Figure 37087-1 Spalled concrete at northwest canopy

Figure 37087-2 Rusted and weak handrails at the elevator penthouse

COMPLETED

Figure 37087-3 Corroding brick shelf angle

COMPLETED

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37274 - Office of Animal Resources

Engineer: Kris Bezenek (THHinc)

Date: 3/14/14 Time: 11:20 AM

Accompanying Personnel: None

Building Description:

Single story mobile home-type construction. Metal siding with a gradually sloped metal roof supported on an existing concrete foundation / loading dock. (Tie downs were not observable)

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Old Student Health Center - 37133

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 4:00 PM

Accompanying Personnel: Wayne Ford

Building Description: Four-story concrete framed building with flat roof and stone/brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Parker Hall - 37066

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 2:45 PM

Accompanying Personnel: Kirby Lindsey

Building Description: Four-story wood framed building with sloped roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Physics Building - 37078

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-27-2014 Time: _____

Accompanying Personnel:

Building Description: Stone perimeter with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
G. KELLEY GIPPLE
NUMBER PE-021757
PROFESSIONAL ENGINEER
3-26-14

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Pickard Hall - 37015

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-26-2014 Time: 12:00 PM - 12:15 PM

Accompanying Personnel:

Building Description:

Three-story brick exterior with slate shingles. Exterior observation only. Did not enter building due to building closure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Poultry Nutrition - 37236

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 2:45 PM - 2:54 PM

Accompanying Personnel: Jeff Canole

Building Description:

Single story, pre-fabricated steel building with partial wood storage loft area.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER
PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37375 Psychology Building

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description:

Two story concrete structure with a basement area. Roof is membrane with some ballast. Brick facade exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37317 Pulsed Power Research Building

Engineer: John Smith

Date: 3/11/14 Time: _____

Accompanying Personnel:

Building Description: Pre-Engineered steel buildings.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37116 - Reactor Field Pavilion

Engineer: Kris Bezenek (THHinc)

Date: 3/7/14 Time: 1:45 PM

Accompanying Personnel: None

Building Description:

Single story open wood-framed structure with a sloped asphalt shingle roof. Structural system consists of wood columns, beams and joists.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Read Hall - 37069

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-28-2014 Time: 2:15 PM - 2:45 PM

Accompanying Personnel: Greg Warren

Building Description:

Four-story stone and brick exterior building with flat and sloped roofs and parapets. Wood framed structure on stone foundation and no attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37075 Research Park Dev Bldg

Engineer: John Smith

Date: 3/11/14 Time:

Accompanying Personnel:

Building Description: Masonry and concrete structure. Membrane roof. Parapets.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37136 Res Park Development Garage

Engineer: John Smith

Date: 3/11/14 Time: _____

Accompanying Personnel:

Building Description: Masonry and concrete construction.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37376 Reynolds Alumni Center

Engineer: John Smith

Date: 2/25/14 Time: _____

Accompanying Personnel:

Building Description:

Multistory (2-4 stories) structure. Brick and glass facade. Canopies and parapets. Re-entrant corners.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Donald W. Reynolds Journalism Institute - 37074.01

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 12:30 PM

Accompanying Personnel: Wood Neef

Building Description: Three-story concrete framed building with sloped roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37089 Rock Quarry Center

Engineer: John Smith

Date: 3/3/14 Time:

Accompanying Personnel: Fonda Gross

Building Description:

One and two story steel framed structure with steel framed mezzanines/second floor. Metal wall panel and standing seam metal roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37048 Research Park Botany Greenhouse

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description:

One story brick structure with steel framed roof.

Greenhouses: Light gauge metal structure with Plexiglas roof and walls.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Aqueous Building - 37034

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 12:00 PM - 12:15 PM

Accompanying Personnel: Jeff Canole

Building Description: Single story, wood trusses and wood stud wall building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Chemical Recycling - 37083

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:03 AM - 11:15 AM

Accompanying Personnel: Jeff Canole

Building Description: Single story, pre-fabricated steel building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Flamable Building - 37005

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:45 AM - 11:58 AM

Accompanying Personnel: Jeff Canole

Building Description: Single story, wood trusses and wood stud wall building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Incinerator 91 - 37383

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:55 AM - 12:10 PM

Accompanying Personnel: Jeff Canole

Building Description: Single story, pre-fabricated steel building with service loft area.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Material Storage Building - 37271

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:25 AM - 11:30 AM

Accompanying Personnel: Jeff Canole

Building Description: Single story, pre-fabricated steel building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Solids Building - 37009

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:20 AM- 11:25 AM

Accompanying Personnel: Jeff Canole

Building Description: Single story, pre-fabricated steel building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Trailer - 37084

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:35 AM - 11:40 AM

Accompanying Personnel: Jeff Canole

Building Description: Single story, wood trailer.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: RRC Waste Storage - 37347

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 11:30 AM - 11:35 AM

Accompanying Personnel: Jeff Canole

Building Description: Single story, pre-fabricated steel building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Sanborn Field Building - 37016

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 3:15 PM - 3:30 PM

Accompanying Personnel: Jeff Canole

Building Description: Single story, wood trusses and wood posts building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Schlundt Hall Annex - 37072

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 11:30 AM

Accompanying Personnel: Scott Leslie

Building Description: Three-story concrete framed building with steel framed sloped roof and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Schlundt Hall - 37071

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 1:30 PM

Accompanying Personnel: Scott Leslie

Building Description: Three-story concrete framed building with both flat and sloped roofs and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates,Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Schweitzer Hall - 37073

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 10:00 AM

Accompanying Personnel: Scott Leslie

Building Description: Three-story concrete framed building with both sloped and flat roofs and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Schweitzer Hall Addition - 37316

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 10:30 AM

Accompanying Personnel: Scott Leslie

Building Description: Three-story steel framed building with flat roof and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Stanley Hall - 37076

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 2:15 PM - 3:00 PM

Accompanying Personnel: Greg Warren

Building Description:

Three-story stone exterior building with flat roof and parapet. Concrete framed system on concrete foundation and no attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Stanley Hall Addition - 37233

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 2:15 PM - 3:00 PM

Accompanying Personnel: Greg Warren

Building Description:

Three-story stone exterior building with flat roof and parapet. Concrete framed system on concrete foundation and no attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Stephen Hall - 37077

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-27-2014 Time: 9:30 AM

Accompanying Personnel: Scott Leslie

Building Description: Two-story concrete framed building with wood framed both flat and sloped roof and limestone exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
KRISHNA G. SAHA
NUMBER PE-23862
PROFESSIONAL ENGINEER

Krishna G. Saha 3/25/14

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Stewart Hall - 37064

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-27-2014 Time: 11:30 AM - 12:15 PM

Accompanying Personnel: Greg Warren

Building Description:

Three-story stone exterior building with flat and sloped roofs and stone parapets. Concrete framed structure on stone foundation and wood framed attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Student Success Center - 37004

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 03-04-2014 Time: 1:30 PM - 2:00 PM

Accompanying Personnel: Eric Nickerson

Building Description:

Two-story, concrete frame building with basement. Second story is partial mezzanine floor.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER
PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Swallow Hall - 37079

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel: Rob Bryant

Building Description: Multi-wythe brick masonry perimeter with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
G. KELLEY GIPPLE
NUMBER PE-021757
PROFESSIONAL ENGINEER
3-26-14

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37058 - Swine Research Center (and 37277 Sewage)

Engineer: Kris Bezenek (THHinc)

Date: 3/21/14 Time: 10:30 AM

Accompanying Personnel: Eric Walters

Building Description:

The building is a 2-story structure. Framing consists of a sloped metal bar joist and deck roof supported on a lower level concrete frame with a CIP elevated floor and CMU partition walls. 2nd level consists of a mechanical penthouse.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Switzler Hall - 37327

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel:

Building Description:

Multi-wythe brick masonry perimeter with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Tate Hall - 37326

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel: Rob Bryant

Building Description:

Multi-wythe brick masonry perimeter with both cast-in-place concrete and structural steel interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Thomas and Nell Lafferre Hall - 37023

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-26-2014 Time: 1:30 PM - 4:30 PM

Accompanying Personnel: Kirby Lindsay

Building Description:

Five-story brick exterior building with both flat and sloped roofs with parapets. Multiple framing systems including structural steel and concrete.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Fractured panel is no longer anchored above walkway and represents a falling hazard to people below. Panel is located at north end of building on second level above ramp near room C1208 (photo 1). Panel should be removed or replaced with properly anchored panel.

Measures were taken to address falling hazard. Photo was taken on March 14, 2014 (see photo 2).

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

THOMAS AND NELL LAFFERRE HALL - 37023

Photo 1

Photo 2

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Townsend Hall - 37021

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-26-2014 Time: _____

Accompanying Personnel: Rob Bryant

Building Description:

Multi-wythe brick masonry perimeter with cast-in-place concrete interior framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Trowbridge Center - 37137

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 1:57 PM - 2:30 PM

Accompanying Personnel: Jeff Canole

Building Description: Single story, steel building with CMU walls and partial basement.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER
PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Tucker Hall - 37251

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-4-2014 Time: 1:45 PM - 3:00 PM

Accompanying Personnel: Rita Erickson

Building Description:

Five-story brick exterior building with both flat and sloped roofs with parapets. Concrete framed system on concrete foundation.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO 2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37250 University Garage

Engineer: John Smith

Date: 3/3/14 Time: _____

Accompanying Personnel:

Building Description:

One story masonry and steel framed structure. Interior wood and steel storage mezzanine.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/24/14

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: College of Veterinary Medicine Diagnostic Lab - 37230

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 3-5-2014 Time: 2:00 PM

Accompanying Personnel: Jeff McCubbins

Building Description: Two-story concrete framed building with steel roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Veterinary Medical East Building - 37099

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 8:35 AM - 9:00 AM

Accompanying Personnel: Jeff Canole

Building Description: Two-story, concrete frame building with basement.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Veterinary Medical MRI - 37267

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 2:58 PM - 3:05 PM

Accompanying Personnel:

Building Description: Single story, wood trailer.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Veterinary Medical TOB 2 - 37266

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 3:12 PM - 3:18 PM

Accompanying Personnel:

Building Description: Single story, wood trailer.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Veterinary Medical West Building - 37229

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 9:00 AM - 9:52 AM

Accompanying Personnel: Jeff Canole

Building Description: Two-story, concrete frame building with basement.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER
PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Veterinary Medical TOB 1 - 37265

Engineer: Structural Engineering Associates, Inc. / Falgun B. Surani, P.E.

Date: 3-5-2014 Time: 3:08 PM - 3:12 PM

Accompanying Personnel:

Building Description: Single story, wood trailer.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Falgun B. Surani MO2011021698 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
FALGUN B. SURANI
NUMBER PE-2011021698
PROFESSIONAL ENGINEER
03/25/2014

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Veterinary Science 37100

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 2:45

Accompanying Personnel: None

Building Description: One-level pre-engineered steel building with EIFS cladding and metal roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Walter Williams Hall - 37101

Engineer: Structural Engineering Associates, Inc. / Krishna G. Saha, P.E.

Date: 2-26-2014 Time: 12:00 PM

Accompanying Personnel: Woody Neef

Building Description: Three-story concrete framed building with sloped roof and brick exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Krishna G. Saha MO23862 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Waters Hall - 37102

Engineer: Structural Engineering Associates, Inc.

Date: 2-27-2014 Time: 8:15 AM - 10:00 AM

Accompanying Personnel: Scott Leslie

Building Description:

Three-story stone exterior building with both flat and sloped roofs and stone parapets. Concrete framed system with wood framed attic system.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Whitten Hall - 37103

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 2-28-2014 Time: 8:00 AM - 9:00 AM

Accompanying Personnel: Greg Warren

Building Description:

Three-story stone exterior building with flat and sloped roofs and parapets. Concrete framed system and wood framed attic.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: William C. Stringer Wing - 37368

Engineer: Structural Engineering Associates, Inc. / G. Kelley Gipple, P.E.

Date: 2-27-2014 Time: _____

Accompanying Personnel:

Building Description: Stone perimeter.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

G. Kelley Gipple MO-021757 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
G. KELLEY GIPPLE
NUMBER PE-021757
PROFESSIONAL ENGINEER
3-26-14

Engineering Seal 03/26/2014

Mizzou North E&G

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 44085 - Ellis Fischel (Mizzou North)

Engineer: Kris Bezenek (THHinc)

Date: 3/5/14 Time: 9:00 AM

Accompanying Personnel: Tilford Spry

Building Description:

8-story tiered building with a (mainly) brick facade. Original building constructed in 1938 with a major addition in 1978. Building has a flat membrane roof with cropped parapets. There is a large structural overhang in from that forms a drive-thru covered entry. Structural system is mainly CIP concrete frames and floor slabs.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 44087 - Garage & Storage (Mizzou North)

Engineer: Kris Bezenek (THHinc)

Date: 3/6/14 Time: 12:15 PM

Accompanying Personnel: Tilford Spry

Building Description:

Building is a single story garage with CMU block walls supporting a flat bar joist and metal deck roof. Attached carport is a pre-engineered light-framed structure with partial steel facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 44179 - Allton Building (Mizzou North)

Engineer: Kris Bezenek (THHinc)

Date: 3/6/14 Time: 11:00 AM

Accompanying Personnel: Tilford Spry

Building Description:

2-story building with brick facade over a combination of CMU and structural steel framing. Elevated floor and roof are a concrete slab and metal deck on conventional bar joists.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 44174 - AP Green Building (Mizzou North)

Engineer: Kris Bezenek (THHinc)

Date: 3/6/14 Time: 11:00 AM

Accompanying Personnel: Tilford Spry

Building Description:

Single Story building has a brick veneer covering CMU bearing walls supporting a flat bar joist and steel deck roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Rollins Bottoms

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37616 - Veterinary Outbuilding #10 (Bald Eagle Aviary) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Building is a conventional pole-barn type structure with fiberglass and partially open wood slat roof and walls.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

4/17/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37621 - Veterinary Outbuilding #1 (Hay Barn) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

This building is a conventional pole-barn type structure with wood trusses and metal roof and wall sheathing. The interior of the structure was not accessible at the time of the observation.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

4/17/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37622 - Veterinary Outbuilding #2 (Raptor Rehabilitation) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Building is a conventional pole-barn type structure with fiberglass and partially open wood slat roof and walls.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

4/17/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37623 - Veterinary Outbuilding #3 (Storage Building) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Wood framed structure built on an existing slab & foundation. Building has a wood trusses with metal roof and wall panels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

4/17/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37624 - Veterinary Outbuilding #4 (Raptor Support) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Wood framed building that appears to be a portion of an older pole-barn type building. Unconventionally framed with metal roof and wall siding.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

4/17/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37625 - Veterinary Outbuilding #5 (Mule Barn) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Two separate wood framed pole-barn type structures. One is significantly older than the other. Both have metal roof and wall sheathing and dirt floors.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

4/17/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37627 - Veterinary Medicine Research Annex - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Wood framed building with asphalt roof and metal wall panels. Interior was completely finished - exposed structure was not observed except for rear storage room.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

4/17/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37628 - Veterinary Outbuilding #8 (Shelter 1) - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Although the "Shelter 1" building was not identified, several shelters and other similar (smaller) structures were observed. Each of the observed "shelters" appeared to be of similar construction and no items showing signs of distress were found.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

4/17/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37629 - Veterinary Outbuilding #9 - Rollins Bottoms

Engineer: Kris Bezenek (THHinc)

Date: 4/17/14 Time: 11:00 AM

Accompanying Personnel: None

Building Description:

Wood framed building with metal roof and wall covering. Interior was completely finished - exposed structure was not observed.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

4/17/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Split Share Building - Hospital

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Clinical Support & Education Building #42000

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-4-14 Time: 1:30 pm - 3:30 pm

Accompanying Personnel: Ron Acton

Building Description:

7 story structure plus basement
Steel Structure
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Missouri Orthopedic Institute #42185

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 2:45 pm - 3:45 pm

Accompanying Personnel: Foster Schlieder

Building Description:

4 Story,Concrete Structure
Flat Roof with steel framed Penthouse

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

MU System

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 41005 - University Hall

Engineer: Kris Bezenek (THHinc)

Date: 3/4/14 Time: 1:00 PM

Accompanying Personnel: None

Building Description:

2 story structure with a full walkout basement. Brick and precast veneer. It has a flat membrane roof without parapets. Structural system is concrete frames with CIP concrete floors.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 41008 Presidents Res at Providence Point

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Multi story wood, stone, steel and concrete structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 41009 Providence Point Storage

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel:

Building Description: Wood framed metal shed

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: UM Libraries Depository #41011

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/10/2014 Time: 11:45 a.m.

Accompanying Personnel:

Dan Akins

Building Description:

Pre-engineered steel building. The primary building: very tall open storage bay, structural steel bents and cold-rolled Z-purlins and spandrels. Roof and walls insulated metal panels. Single story extension to the front houses office space & equipment mezzanine. extending over the loading dock area. Mezzanine access via exterior north side galvanized steel stair and walkway, found to be in good condition.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Missouri Theater - 37395

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 1:30 PM - 3:30 PM

Accompanying Personnel: Rob Bryant

Building Description: Concrete framed building with structural steel framed attic and brick exterior building. Flat roof with parapets present. Load bearing multi-wythe brick walls.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Wood attic walkway has loose connection at existing vertical support. Vertical support is located just east of main theater rotunda (see photo 1). Vertical support should be re-connected to existing attic framing system.

Measures were taken to re-connect the loose connection. Photos were taken on March 24, 2014 (see photos 2, 3, and 4)

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014
Structural Engineering Associates, Inc., MO Lic # 396
1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
NICOLAS ANDREW PINO
NUMBER PE-2008019588
PROFESSIONAL ENGINEER
3/26/2014

Engineering Seal 03/26/2014

COMPLETED

MISSOURI THEATRE - 37395

Photo 1

Photo 2

Photo 3

Photo 4

COMPLETED

Athletics

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Daniel J. Devine Athletic Pavilion - 37352

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 11:00 AM - 12:00 PM

Accompanying Personnel: Allen Frost

Building Description:

Structural steel framed building on concrete with metal exterior and sloped metal roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Dutton/Brookfield/McElroy, Sports Medical Center - 37105

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 9:00 AM - 10:00 AM

Accompanying Personnel: Larry Threckeld

Building Description:

The Mizzou Athletic Training Complex is a two-story building with multiple framing systems and multiple expansions/additions over the years. Framing systems include load bearing CMU or metal stud framing with both wood and structural steel joists. One story in the majority of the building with flat roof. The two-story area has steel trusses and a sloped metal roof. The Dutton/Brookfield/McElroy, Sports Medical Center is the north portion of the complex.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Green Tennis Facility - 37350

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 9:45 AM - 10:00 AM

Accompanying Personnel: Allen Frost

Building Description: Structural steel framed building on concrete footing with fabric exterior.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hearnes Building #37256

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 1:50 pm - 3:00 pm

Accompanying Personnel: Daryle Bascom
Dale York

Building Description:

5 Stories Precast Facade
Flat Roof
Cast in Place Concrete
Precast Concrete and Steel

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: John Burks Equipment Storage - 37269

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 8:45 AM - 9:00 AM

Accompanying Personnel: Allen Frost

Building Description:

One-story pre-fabricated metal building with metal exterior and sloped metal roof. No attic present.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: MacArtor Athletic Building - 37329

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 10:45 AM - 11:00 AM

Accompanying Personnel: Allen Frost

Building Description:

One-story structural steel framed building with sloped metal roof and concrete foundation. Brick exterior on west face.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

STATE OF MISSOURI
NICOLAS ANDREW PINO
NUMBER PE-2008019588
PROFESSIONAL ENGINEER

3/26/2014

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Memorial Stadium Athletic Maintenance Building - 37096

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 8:30 AM - 8:45 AM

Accompanying Personnel: Allen Frost

Building Description:

One-story wood framed structure with wood panel exterior and sloped roof. Attic is also wood framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Memorial Stadium Facilities - 37220

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 3:00 PM - 5:00 PM

Accompanying Personnel: Allen Frost

Building Description:

Multiple framed system athletic facility with multiple additions to the original structure over the years. In general, the east and west bleachers are concrete framing on concrete foundations, the south bleachers are precast concrete on concrete foundations, and the north is retaining walls with slab-on-grade concrete. The press box is on the west and there is currently an expansion under construction on the east. The construction area was not observed as a part of this report.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mizzou Sports Arena #37373

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 3:10 pm - 4:00 pm

Accompanying Personnel: Dale York

Building Description:

3 Stories, Steel frame, Curved Truss Roof
Brick and Precast facade
Steel and Concrete Structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mizzou Student Athletic Training Facility Addition - 37276

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 9:00 AM - 10:00 AM

Accompanying Personnel: Larry Threckeld

Building Description:

The Mizzou Athletic Training Complex is a two-story building with multiple framing systems and multiple expansions/additions over the years. Framing systems include load bearing CMU or metal stud framing with both wood and structural steel joists. One story in the majority of the building with flat roof. The two- story area has steel trusses and a sloped metal roof. The Mizzou Student Athletic Training Facility Addition is the central front portion of the complex.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Providence Road Pedestrian Bridge 37150

Engineer: Patrick Earney, THH

Date: 2.28.14 Time: 3:30

Accompanying Personnel: None

Building Description: Steel truss with concrete deck and standing seam metal roof

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Timothy P Earney MO2011000879 Exp. 12/31/2015

Trabue, Hansen and Hinshaw, MO Lic # 001454

1901 Pennsylvania Drive
Columbia, MO 65202

Engineering Seal 3/26/13

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Scoreboard at Memorial Stadium - 37345

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 11:30 AM - 12:15 PM

Accompanying Personnel:

Building Description:

Nine-story structural steel framed on concrete foundation with metal exterior and metal roof jumbotron type structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37163 Soccer Storage Shed

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Wood framed storage shed with wood siding/facade

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37281 Soccer and Track Storage Bldg

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: One story metal building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37170 Softball Track and Field Ticket Booth

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Brick, metal and wood structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37313 Southwest Maintenance and Equipment Storage

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: One story wood and steel framed portable structure (on skids)

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Taylor Athletic Facility and Academic Resource Center - 37158

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 9:00 AM - 10:00 AM

Accompanying Personnel: Larry Threckeld

Building Description:

The Mizzou Athletic Training Complex is a two-story building with multiple framing systems and multiple expansions/additions over the years. Framing systems include load bearing CMU or metal stud framing with both wood and structural steel joists. One story in the majority of the building with flat roof. The two- story area has steel trusses and a sloped metal roof. The Taylor Athletic Facility and Academic Resource Center is the south portion of the complex

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Taylor Stadium at Simmons Field - 37138

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 10:00 AM - 11:00 AM

Accompanying Personnel: Allen Frost

Building Description:

Two-story structural steel framed building on concrete footing. Athletic stadium consists of mostly bleachers along with one main press box structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37397 - Tennis Court Office Building

Engineer: Kris Bezenek (THHinc)

Date: 4/1/14 Time: 10:30 AM

Accompanying Personnel: None

Building Description:

Single story pre-fabricated wood structure. Building is supported on steel beams that are bolted to the slab/foundation.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

4/1/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Tiger Performance Complex - 37351

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 9:00 AM - 9:45 AM

Accompanying Personnel: Allen Frost

Building Description:

Structural steel framed building with two stories on north half and one story on south half. Concrete foundation and metal exterior and sloped metal roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37386 Walton Stadium

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Structural and light gauge steel framing with masonry facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37173 Walton Pavilion 1

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: One story brick and framed structure with metal facia.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: 37174 Walton Pavilion 2

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description:

One story masonry framed structure with metal fascia.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/8/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: West Maintenance Equipment Storage - 37311

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-6-2014 Time: 11:15 AM - 11:30 AM

Accompanying Personnel:

Building Description:

One-story metal exterior building with sloped metal roof. No interior access was provided. Only an exterior observation was performed.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

Energy Management

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37904 College Ave Substation

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: Masonry and concrete

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37389 East Campus Chiller Plant

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Brick, steel structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37319 Electric Building

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel: Harry Frank

Building Description: Multistory brick facade building with steel, concrete and masonry structure

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37169 Energy Management Office

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description:

Two story structure with concrete framing and wood roof structure. Exterior brick facade with a concrete overhang on the east side.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37247 Gas Compressor Building

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Block and steel

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37246 Gas Turbine Bldg

Engineer: John Smith

Date: 3/24/14 Time: _____

Accompanying Personnel:

Building Description: Masonry, steel and concrete structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37225 Power Plant

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel: Harry Frank

Building Description: Multi Level Buildings constructed with steel, concrete and masonry

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Roof area on south side of protruding stack needs to be removed and replaced in the area where the wood has rotted and is falling away. Short term, this needs to be blocked off to prevent access.

NBH deck/mezzanine should be blocked off to prevent access. If this is to be utilized, the structural integrity should be verified and the area should be cordoned off by handrails.

On the elevator on the fourth floor, there is a make shift platform to access cable tray that runs south of the elevator shaft. Remove and design/install new platform if access is required, or label as access only if attached to fall protection device.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37040 Power Plant Office - 401 East Stewart

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel:

Building Description: Multistory concrete, steel and masonry structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37287 Research Park Chilled Water Plant

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: Steel and masonry construction

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37369 Stadium Road Substation

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: Brick and concrete enclosure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37227 Energy Management Warehouse

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: One Story Pre-Engineered Steel Building

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37324 Warehouse Pump Building

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Metal framed structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/8/24

Energy Management Well

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37222 South Well

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Concrete and masonry structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37231 Southwest Well

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel: Tim Gephardt

Building Description: Concrete and masonry structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37245 East Well

Engineer: John Smith

Date: 3/7/14 Time:

Accompanying Personnel: Tim Gephardt

Building Description: Masonry and concrete structure.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Stone retaining wall on north side of drive immediately adjacent to entry gate has experienced significant movement. Apparently this movement is relatively recent. If not arrested, could fail and cause significant issues.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

COMPLETED

4/14/2014 Update

The section of wall that had shifted has been removed and no longer poses a life/safety concern.

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37249 West Well Bldg

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Masonry and concrete structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: 37384 North Well

Engineer: John Smith

Date: 3/8/14 Time:

Accompanying Personnel:

Building Description:

Masonry and concrete structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/8/14

Golf Course

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Golf Course 13th Hole Shelter - 37054

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-5-2014 Time: 3:30 PM - 4:00 PM

Accompanying Personnel: G.C. Grounds Superintendent

Building Description: Wood-framed course shelter with bathrooms.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Golf Course 2nd Hole Shelter - 37067

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-5-2014 Time: 3:00 PM - 3:30 PM

Accompanying Personnel: G.C. Grounds Superintendent

Building Description: Wood-framed course shelter with bathrooms.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Golf Course Cart Storage Building - 37168

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-5-2014 Time: 2:00 PM - 2:30 PM

Accompanying Personnel: G.C. Grounds Superintendent

Building Description: Single level golf cart storage and maintenance building.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: A.L. Gustin Golf Course Storage Barn - 37360

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-5-2014 Time: 2:30 PM - 3:00 PM

Accompanying Personnel: G.C. Grounds Superintendent

Building Description:

Older (farm), timber framed, post barn used for equipment storage and course irrigation pump station.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: A.L. Gustin Golf Course Club House - 37372

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-5-2014 Time: 1:30 PM - 2:00 PM

Accompanying Personnel:

Building Description: Single level club house completed in 1997. Attached golf cart and equipment spaces.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

Life Science Incubator

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37218 Life Sciences Incubator Research Park

Engineer: John Smith

Date: 3/8/14 Time: _____

Accompanying Personnel:

Building Description: Multistory building with brick and metal facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

Memorial Stadium Structure

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Memorial Stadium Structure - 37938

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-5-2014 Time: 3:00 PM - 5:00 PM

Accompanying Personnel: Allen Frost

Building Description:

Multiple framed system athletic facility with multiple additions to the original structure over the years. In general, the east and west bleachers are concrete framing on concrete foundations, the south bleachers are precast concrete on concrete foundations, and the north is retaining walls with slab-on-grade concrete. The press box is on the west and there is currently an expansion under construction on the east. The construction area was not observed as a part of this report.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

Missouri Unions

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Memorial Student Union #37128

Engineer: Randy Jasper, P.E. & Don Eichholz/Alper Audi, Inc.

Date: 2-28-14 Time: 9:30 am - 11:00 am

Accompanying Personnel: Jason Morgan

Building Description:

3 stories plus basement
Flat and Sloped Roofs
Concrete Structure
Stone facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Outside of Room N28G (Ground Level) above air handler, a concrete joist has been vertically cut.

See Attached Photo.

COMPLETED

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793
Alper Audi, Inc.
1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

STATE OF MISSOURI
RANDAL LEE JASPER
NUMBER E-21793
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3-24-2014

Memorial Student Union #37128

Figure 1

COMPLETED

Memorial Student Union #37125

Figure 2

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: A.P. Green Chapel #37234

Engineer: Randy Jasper, P.E. & Don Eichholz/Alper Audi, Inc.

Date: 2-28-14 Time: 11:00 am - 11:20 am

Accompanying Personnel:

Building Description:

1 story plus basement
Stone Facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: MU Student Center #37268

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 10:30 am - 11:30 am

Accompanying Personnel:

Building Description:

3 Story with partial basement.
Structural Steel and cast in place framing with stone and brick facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Dive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

MURR Non E&G

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37261 - MURR - SHIPPING AND RECEIVING BUILDING (SARB)

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

Pre-engineered metal building with a loading dock. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

North Office Addition
TOB #5
TOB #4
TOB #1
TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
Imagery ©2014 Google, Map data ©2014 Google -

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37340 - MURR - NORTH OFFICE ADDITION

Engineer: Cody L. Dailey PE-2008002145

Date: 03.05.14 Time: 2:00pm

Accompanying Personnel: Brad McCracken

Building Description:

PEMB with concrete/steel mezzanine, concrete basement, clean rooms throughout space w/ MEP equipment on each room. See attached Google image for building description and location within MURR campus.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

N/A

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Cody Landon Dailey, P.E. – 2008002145; Exp 12/31/14
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg # E-1454
1901 Pennsylvania Dr. Columbia, MO 65202

03.06.14

Engineering Seal

North Office Addition
TOB #5
TOB #4
TOB #1
TOB #2
MURR - Laboratory and Containment Buidlings
TOB#3
SaRB
Industrial Building
Cooling Tower
Machine Shop
Imagery ©2014 Google, Map data ©2014 Google -

Non E&G Columbia Campus

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Alpine Picnic Pavilion - 37260

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-6-2014 Time: 10:00 AM - 10:30 AM

Accompanying Personnel:

Building Description: Open-sided, wood framed, large picnic pavilion south of tennis courts.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

Parking

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Conley Avenue Parking Structure - 37164

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 2-27-2014 Time: 3:30 PM - 5:30 PM

Accompanying Personnel:

Building Description: Completed in 1987, cast-in-place, post-tensioned framing system, approximately 720 spaces, four levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hitt Street Parking Structure - 37279

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 2-27-2014 Time: 2:00 PM - 3:30 PM

Accompanying Personnel:

Building Description:

Completed in 1998, pre-cast double-tee framing system with post-topped topping slab, approximately 1,820 spaces, 6 levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Tiger Avenue Parking Structure - 37179

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 2-28-2014 Time: 2:30 PM - 5:00 PM

Accompanying Personnel:

Building Description:

Completed in 1996, pre-cast double-tee framing system with pre-topped topping slab, approximately 1,700 spaces, 5 levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Turner Avenue Parking Structure - 37378

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 2-28-2014 Time: 8:00 AM - 11:30 AM

Accompanying Personnel:

Building Description:

Completed in 1991, pre-cast double-tee framing system with post-topped topping slab, approximately 1,300 spaces, 7 levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: University Avenue Parking Structure - 37165

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 2-27-2014 Time: 10:00 AM - 3:00 PM

Accompanying Personnel:

Building Description:

Completed in 1987, cast-in-place post-tensioned framing system, approximately 940 spaces, 4 levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Virginia Avenue Parking Structure - 37131

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-4-2014 & 3-5-2014 Time: 9:30-10:00 AM & 8:30-10:00 AM

Accompanying Personnel:

Building Description:

Completed in 2002, precast double tee framing system with post-topped topping slab, approximately 1,897 spaces, 7 levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Parking Structure #7 - 37323

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 3-5-2014 Time: 10:00 AM - 12:30 PM

Accompanying Personnel:

Building Description:

Completed in 2009, precast double tee framing system with post-topped topping slab, approximately 2,000 spaces, five levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

Printing Service

University of Missouri Structural Building Observation

Building Name & Number: Printing & Publications #37380

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/10/2014 Time: 1:15 p.m.

Accompanying Personnel:

Brock Jones

Building Description:

Large pre-engineered steel structure, 200' wide x 500 feet long. Structural steel bents spanning the 200 foot dimension; 2 intermediate columns for interior support. Cold-rolled Z-purlins and spandrels, insulated metal panel walls and roof. A smaller office addition extends from the east end 95 feet, depth 125 feet from the front wall, single slope metal roof draining to the front.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Residential Life

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37186 University Heights Building 1

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description:

Two story masonry and concrete structure. Some interior steel framing.

Sloped shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37187 University Heights Building 2

Engineer: John Smith

Date: 3/5/14 Time: _____

Accompanying Personnel:

Building Description:

Two story masonry and concrete structure.

Sloped shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37188 University Heights Building 3

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Two story masonry and concrete structure with sloped shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37189 University Heights Building 4

Engineer: John Smith

Date: 3/4/14 Time: _____

Accompanying Personnel:

Building Description: Two story masonry and concrete structure with sloped shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37244 Bingham Dining Hall

Engineer: John Smith

Date: 2/28/14 Time: _____

Accompanying Personnel:

Building Description:

Concrete framed structure with concrete slabs. Brick and glass exterior facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37219 College Ave Residence Hall

Engineer: John Smith

Date: 2/28/14 Time: _____

Accompanying Personnel:

Building Description:

Light gauge framed building. C-stud roof framing. C-stud floor framing. Concrete deck. Concrete foundation

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Defoe - Graham Hall #37318

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 10:15 am - 11:00 am

Accompanying Personnel:

Building Description: 4 Stories, Concrete Frame
Brick & Stone, Building Connector portion is light gauge framing with brick veneer

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Building Name & Number: Dobbs Pedestrian Tunnel #37374

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/26/2014 Time: 4:15 p.m. CST

Accompanying Personnel:

Building Description:

This structure is essentially a dual concrete cast-in-place box culvert with paved floor for traffic and pedestrian movement beneath Stadium Boulevard from the Dobbs Parking lot to Memorial Stadium. It was built in two 50 foot sections, likely to maintain traffic flow on Stadium Boulevard during construction.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 2/27/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Dobbs Pavilion #37114

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, inc.

Date: 2/27/2014 Time: 3:30 p.m. CST

Accompanying Personnel:

Larry Skaggs

Building Description:

Concrete beam and column with CMU infill walls and slab floors/roof. Exterior perimeter walkway slab has steel frame support extending from basement wall below, except on north side,

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 2/28/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Gillett #37335

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 3:30 p.m.

Accompanying Personnel:

James Forbis

Building Description:

Concrete column & Beam system with concrete slab floor. No balconies - these were closed in during a recent remodel. Built-up roof sloped to interior drains. Parapets all around, in good condition, no cornices.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/3/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37119 Hatch Residence Hall

Engineer: John Smith

Date: 2/28/14 Time: _____

Accompanying Personnel:

Building Description:

8 Story concrete framed structure. Brick and glass facade. Roof is concrete slab covered with a membrane cover.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37284 Hatch Hall Entry Building

Engineer: John Smith

Date: 2/28/14 Time: _____

Accompanying Personnel:

Building Description:

Multilevel concrete framed structure with concrete slab. Exterior is brick and glass. Roof has concrete structure with membrane covering.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: Hudson #37334

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 3:50 p.m.

Accompanying Personnel:

James Forbis

Building Description:

Concrete column & Beam system with concrete slab floor. No balconies - these were closed in during a recent remodel. Built-up roof sloped to interior drains. Parapets all around, in good condition, no cornices.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/3/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Johnston #37120

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 4:25 p.m

Accompanying Personnel:

James Forbis

Building Description:

Concrete column & beam system with masonry and structural clay tile infill walls. 5 stories - upper floor has rooms with dormer extensions within steeply sloped roof. Slate roof tiles appear well secured. Building is gutted and currently under extensive remodeling and reconstruction.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/3/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Jones Hall #37121

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/26/2014 Time: 3:00 p.m.

Accompanying Personnel:

Larry Skaggs

Building Description:

This is a 9 story residential building with a concrete column and beam frame structure . Floors are one-way slabs. On floors 2, 4, 6 and 8 there are exterior balconies accessed from the central commons area. South balconies are 12 feet wide and north balconies are just 4 feet wide. Roofs are built up with slope to interior drains. No parapets.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Lathrop Hall #37122

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/26/2014 Time: 2:00 p.m.

Accompanying Personnel:

Larry Skaggs

Building Description:

This is a 9 story residential building with a concrete column and beam frame structure . Floors are one-way slabs. On floors 2, 4, 6 and 8 there are exterior balconies accessed from the central commons area. South balconies are 12 feet wide and north balconies are just 4 feet wide. Roofs are built up with slope to interior drains. No parapets.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/10/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Laws Hall #37123

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/26/2014 Time: 2:45 p.m.

Accompanying Personnel:

Larry Skaggs

Building Description:

This is a 9 story residential building with a concrete column and beam frame structure . Floors are one-way slabs. On floors 2, 4, 6 and 8 there are exterior balconies accessed from the central commons area. West balconies are 12 feet wide and east balconies are just 4 feet wide. Roofs are built up with slope to interior drains. No parapets.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/10/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Manor House #37344

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, inc.

Date: 2/25/2014 Time: 3:45 p.m. CST

Accompanying Personnel:

James Forbis

Building Description:

8 - Story concrete beam & column structure with infill walls of brick masonry over CMU, one-way slab floors and roof. No balconies or deck. Built up roof over slab, with slope to interior drains, Low parapet, no overhang. Cast stone sills on all windows. Small canopy over west entry.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 2/26/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mark Twain #37399

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 2:15 pm - 2:40 pm

Accompanying Personnel:

Building Description:

7 Stories Plus Basement, Concrete Frame
Recent Renovation and Recladding in Terra Cotta Panels

Dining Hall: 2 Stories, Steel Frame

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 37125 - McDavid Residence Hall

Engineer: Kris Bezenek (THHinc)

Date: 3/14/14 Time: 10:45 AM

Accompanying Personnel: Dennis Moses

Building Description:

4-story reinforced concrete frames with CIP concrete slabs, CMU infill walls and brick facade. Flat concrete roof with asphalt sheathing. Recent renovations include all hand/guard rails, windows and exterior CIP stairs.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

3/25/14

Engineering Seal

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mid Campus Golf Cart Building #37333

Engineer: Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 1:00 pm - 1:15 pm

Accompanying Personnel:

Building Description: 1 story brick, steel roof

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mid Campus Housing Dogwood Hall #37332

Engineer: Randy Jasper, P.E. and Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 10:50 am - 12:15 pm

Accompanying Personnel:

Building Description:

4 stories plus partial basement
Brick Facade
Stud wall floor and roof framing & concrete floors
Attic inaccessible

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mid Campus Housing Galena Hall #37331

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 10:50 am - 12:15 pm

Accompanying Personnel:

Building Description:

4 stories plus partial basement
Brick Facade
Stud wall floor and roof framing & concrete floors
Attic inaccessible

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mid Campus Housing Hawthorne Hall #37330

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 10:50 am - 12:15 pm

Accompanying Personnel:

Building Description:

4 stories plus partial basement
Brick Facade
Stud wall floor and roof framing & concrete floors
Attic inaccessible

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Pershing Dining Hall #37130

Engineer: Randy Jasper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 12:45 pm - 1:15 pm

Accompanying Personnel:

Building Description:

2 Story Building, concrete frame, steel framed additions
Brick facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Building Name & Number: Plaza 900 #37044

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 2:50 p.m.

Accompanying Personnel:

Mike Cummins

Building Description:

This building has concrete foundation walls with interior steel framing, and floors with open web steel joists and composite metal pan and concrete decking. Exposed steel scissors trusses span the main dining area. Roofs are steeply pitched with shingled surface over rigid insulation and metal roof deck.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Rollins Commons #37336

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: _____

Accompanying Personnel:

Mike Cummins

Building Description:

This building is a three story (Basement and two floors up) concrete beam and column frame building with ribbed slab floors. It houses the Rollins dining facility and other residential life facilities and lies connected to Hudson and Gillett Halls. The roof is a ballasted system within a short parapet but there are no overhangs or any other noted hazards.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37132 Schurz Residence Hall

Engineer: John Smith

Date: 2/24/14 Time: _____

Accompanying Personnel:

Building Description:

Eight story concrete framed structure with concrete floors. Roof is a membrane roof over a concrete plank.

Exterior is brick and glass.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 2/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37283 Shurz Hall Entry Building

Engineer: John Smith

Date: 2/28/14 Time: _____

Accompanying Personnel:

Building Description: Multilevel concrete framed structure with brick and glass facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Southwest Campus Housing Center Hall #37291

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 4:10 pm - 5:10 pm

Accompanying Personnel:

Building Description:

3 Stories, Brick Veneer
Light Gauge Framing System
Concrete Slabs, Wood Truss Roof
Attic not accessible during visit

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Southwest Campus Housing North Hall #37290

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 4:10 pm - 5:10 pm

Accompanying Personnel:

Building Description:

3 Stories, Brick Veneer
Light Gauge Framing System
Concrete Slabs, Wood Truss Roof
Attic Not Accessible during visit

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Southwest Campus Housing South Hall #37292

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 4:10 pm - 5:10 pm

Accompanying Personnel:

Building Description:

3 Stories, Brick Veneer
Light Gauge Framing System
Concrete Slabs, Wood Truss Roof
Attic not accessible during visit

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37295 Tara Building 201-212

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel:

Building Description:

Two story (plus lower level laundry) wood framed structure with front walkway and rear cantilevered wood deck. Pitched roof with shingles.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37294 Tara Building 101-112

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered deck. Shingled roof.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

Follow-up: MU personnel have screwed the doors leading to the deck shut to prevent access. A project has been started for a permanent solution.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37304 Tara Building 1001-1018

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with walkway in front and cantilevered wood decks in rear. Lap siding and brick facade. Pitched shingled roof. Chimneys on ends.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Third from south most pronounced. Overall, not as much movement as seen on some of the others.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37305 Tara Building 1101-1118

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel:

Building Description:

Three story wood framed structure with walkway in front and cantilevered wood decks in rear. Lap siding and brick facade. Pitched shingled roof. Chimneys at each end.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Support posts in front of 1109 has a severe bow and is in need of immediate attention. A threaded rod and turnbuckle was installed to try to help stabilize.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

37305 Tara Building 1101-1118

Figure 1

COMPLETED

37305 Tara Building 1101-1118

Figure 2

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37306 Tara Building 1201-1208

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered decks. Sloped shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37307 Tara Building 1301-1312

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with front walkway and rear cantilevered decks. Sloped shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37308 Tara Building 1401-1412

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with hipped shingled roof. Combination of brick and siding.

Front walkway and rear cantilevered decks.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37309 Tara Building 1501-1512

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with pitched, shingled roofs. Front walkway and rear cantilevered decks.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37310 Tara Building 1601-1612

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Three story wood framed structure with hipped, shingled roof. Front walkway and rear cantilevered deck.

Brick and siding facade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37296 Tara Building 301-312

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood deck. Hip roof with shingles.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37297 Tara Building 401-412

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel: Michael 999-3369

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood decks. Hipped roof with shingles.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37298 Tara Building 501-518

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel:

Building Description:

Three story wood framed structure with front wood walkway and rear cantilevered wood frame deck.

Hipped shingled roof. Lap siding and brick exterior.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Third deck from west on second floor most pronounced.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37299 Tara Building 601-618

Engineer: John Smith

Date: 2/25/14 Time:

Accompanying Personnel: Michael 999-3369

Building Description:

Three story wood framed structure with front walkway and rear cantilevered wood deck. Hipped shingled roof. Lap siding and brick facade.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37300 Tara Building 701-712

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood deck. Pitched shingled roof. Lap siding and brick facade.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37302 Tara Building 801-812

Engineer: John Smith

Date: 3/24/14 Time: _____

Accompanying Personnel:

Building Description:

Two story wood framed structure with front walkway and rear cantilevered wood deck. Pitched shingled roof. Lap siding and brick facade.

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Second and third from the east are the most pronounced

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37303 Tara Building 901-918

Engineer: John Smith

Date: 2/26/14 Time:

Accompanying Personnel:

Building Description:

Three story wood framed structure with wood walkway and rear cantilevered wood deck. Pitched shingled roof. Lap siding and brick facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

Exterior decks off the rear of the building have deflected and should have vertical support posts added. Some wood has split on these decks.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

COMPLETED

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37314 Tara Maintenance Building

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description: One story wood framed structure with pitched shingled roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37312 Tara Office Building

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description:

Two story framed structure with pitched shingled roof.

Stone foundation.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37315 Tara Shop Building

Engineer: John Smith

Date: 2/26/14 Time: _____

Accompanying Personnel:

Building Description: One story framed structure with shingled roof and siding.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Building Name & Number: Virginia Avenue - Respect #37035

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 2:45 p.m.

Accompanying Personnel:

Albert Taylor

Building Description:

This is a 4 story wood frame structure over a concrete foundation, with brick masonry veneer exterior finish. It is part of the four-building Virginia Avenue complex. Primary mechanical plant is located in another building. Air handling equipment is located in attic space. A pair of third floor level enclosed walkways provide all-weather access between the four buildings.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Virginia Avenue - Responsibility #37036

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 2:00 p.m.

Accompanying Personnel:

Albert Taylor

Building Description:

4 story wood frame structure, concrete foundation, brick masonry veneer exterior finish. Part of the 4-building Virginia Avenue complex. This building has a basement level mechanical room with concrete walls and ceiling. Mechanical room serves all 4 complex buildings. Air handling equipment in attic space. 2 third floor enclosed walkways for all-weather access between buildings.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Virginia Avenue Excellence #37037

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 2:35 p.m.

Accompanying Personnel:

Albert Taylor

Building Description:

This is a 4 story wood frame structure over a concrete foundation, with brick masonry veneer exterior finish. It is part of the four-building Virginia Avenue complex. Primary mechanical plant is located in another building. Air handling equipment is located in attic space. A pair of third floor level enclosed walkways provide all-weather access between the four buildings.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Virginia Avenue Discovery #37038

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 2:20 p.m.

Accompanying Personnel:

Albert Taylor

Building Description:

This is a 4 story wood frame structure over a concrete foundation, with brick masonry veneer exterior finish. It is part of the four-building Virginia Avenue complex. Primary mechanical plant is located in another building. Air handling equipment is located in attic space. A pair of third floor level enclosed walkways provide all-weather access between the four buildings.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Building Name & Number: Wolpers #37239

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 2/27/2014 Time: 4:00 p.m.

Accompanying Personnel:

Building Description:

Concrete column & beam system with masonry infill. Slab floors in original building, pan slab floors in end additions, 4 stories plus basement. Building is currently gutted and under extensive remodeling/reconstruction. Roof not observed - access blocked by abatement barrier.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/3/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Student Recreation Services

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Brewer Fieldhouse #37013

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 12:15 pm - 1:30 pm

Accompanying Personnel: Larry Bennett

Building Description:

2 Stories, plus lower level (1929)
Stone facade, steel truss roof with wood decking

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Rothwell Gymnasium #37068

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 12:15 pm - 1:30 pm

Accompanying Personnel: Larry Bennett

Building Description:

2 Stories, plus lower level (1905)
Stone facade, Steel Truss roof with wood decking
Leisure pool natatorium

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Student Recreation Center Addition #37151

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 12:15 pm - 1:30 pm

Accompanying Personnel: Larry Bennett

Building Description: 2 Stories, Steel framed roof trusses, cast concrete floor and seating risers (2005)
Stone & Brick facade, large competition natatorium

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Student Recreation Center #37172

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-26-14 Time: 12:15 pm - 1:30 pm

Accompanying Personnel: Larry Bennett

Building Description:

2 Stories (1987)
Stone & Brick facade, steel framing

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Stankowski Fieldhouse #37177

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 11:30 am - 11:45 am

Accompanying Personnel:

Building Description:

1 story brick
No Access to interior

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

Surplus Property

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37139 Rock Quarry Surplus Property

Engineer: John Smith

Date: 3/3/14 Time:

Accompanying Personnel:

Building Description:

One story pre-engineered metal building. Metal wall panel and metal screwed down roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

Telecom

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37142 Telecom Building

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Multistory masonry and concrete structure

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Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37145 Telecom Generator Bldg

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Prefabricated structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 37346 North Switch Node

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: One story brick building with concrete plank roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John L. Smith, PE – Lic. # E-21481 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 65000 Discovery Ridge Telecom Hut

Engineer: John Smith

Date: 3/7/14 Time: _____

Accompanying Personnel:

Building Description: Prepackaged concrete structure

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

Thompson Center

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: New Thompson Center #37385

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-6-14 Time: 12:00 pm - 1:00 pm

Accompanying Personnel: Dave Apel

Building Description:

2 story structure
Steel frame structure with concrete on steel deck at second floor and steel roof deck, light gage steel mansards.
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

TV Station

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: KOMU TV Station #14054

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 4:10 pm - 4:50 pm

Accompanying Personnel: Jana Baxter & Mark Bates

Building Description:

1 Story CMU Wall Construction
Flat Roof, Several additions or modifications

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: KOMU-TV Tower #14092

Engineer: Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 4:10 pm - 4:50 pm

Accompanying Personnel: Mark Bates

Building Description:

Approximately 780 ft tall tower and guy wires
Reported routine tower inspection Summer 2013 and added guy tensioners.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: KOMU Garage #14094

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 4:10 pm - 4:50 pm

Accompanying Personnel:

Building Description:

1 Story Wood Framing, "pole" barn with wood truss roof wood framed mezzanine. Vehicle storage only

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper - License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: KOMU Storage Annex #14151

Engineer: Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 4:10 pm - 4:50 pm

Accompanying Personnel: Mark Bates

Building Description: 1 Story wood frame metal building with wood truss roof Storage use only.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis, MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: KOMU Storage Annex #2 #14276

Engineer: Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 4:10 pm - 4:50 pm

Accompanying Personnel: Mark Bates

Building Description: 1 Story Pre-Engineered Wood Building

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

STATE OF MISSOURI
MARC H. ALPER
NUMBER E-17639
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3-24-2014

UM System

University of Missouri Structural Building Observation

Building Name & Number: 2910 Lemone #41010

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/10/2014 Time: 11:30 a.m.

Accompanying Personnel:

Johnette Blair

Building Description:

2910 Lemone is a pre-engineered steel building with structural steel bents, cold-rolled Z purlins and spandrels, metal wall and roof panels. The front section is a frame building with brick veneer exterior. Houses Records Management and University Press. Steel mezzanine structures on the interior are in good condition. Exterior steel fire escape, in good condition.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

Mizzou North – Non E&G

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 44097 - Pipe Fitter's Shop (Mizzou North)

Engineer: Kris Bezenek (THHinc)

Date: 3/6/14 Time: 12:15 PM

Accompanying Personnel: Tilford Spry

Building Description:

This single story building is a pre-engineered steel structure with a sloped metal roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University of Missouri Structural Building Observation
Project # CP141611

Building Name & Number: 44175 - Ellis Fischel Guest House (Mizzou North)

Engineer: Kris Bezenek (THHinc)

Date: 3/6/14 Time: 11:45 AM

Accompanying Personnel: Tilford Spry

Building Description:

The building is a 2-story structure over a partial walkout basement with (mostly) vinyl siding. It is a conventionally framed wood building with wood I-joist floors and pre-engineered wood roof trusses. It has a sloping asphalt roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Kris Bezenek, PE – Lic. # 2007002765 – Exp. 12/31/15
Trabue, Hansen & Hinshaw, Inc. – Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

3/25/14

Engineering Seal

University Hospital

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 3211 S. Providence - Pediatric Clinic Building "C" #42182

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-6-14 Time: 10:15 am - 11:15 am

Accompanying Personnel: Dave Apel

Building Description:

1 story structure
Steel Structure with standing seam metal roof in main section, wood framed mansard roofs and wood framed sloped roofs with asphalt shingles at exterior sections of structure.
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 3301 S. Providence - Adult Psych. Center Building "E" #42010

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-6-14 Time: 11:00 am - 11:45 am

Accompanying Personnel: Dave Apel

Building Description:

1 story structure
Wood frame construction
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Ambulatory Surgery Unit #42092

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 3:30 pm - 5:00 pm

Accompanying Personnel: Ron Acton

Building Description:

2 story structure with basement
Concrete Structure
Brick veneer facade
Structure also houses building #42089 and #42091
Space is being used as a temporary check in

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Bicycle Shelter - South #42094

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 10:00 am - 10:30 am

Accompanying Personnel: none

Building Description:

1 story structure
Light Gage Metal Framing

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Burns Center for Diabetes & Cardiovascular Research #42091

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 3:30 pm - 5:00 pm

Accompanying Personnel: Ron Acton

Building Description:

2 story structure with basement
Concrete Structure
Brick veneer facade
Structure also houses building #42089 and #42092

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014
EDM Incorporated, Engineering Corporation #000227
220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Compactor Enclosure #42003

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 9:30 am - 9:45 am

Accompanying Personnel: Cecil Jones

Building Description:

Partition/Screening structure
Cantilevered Concrete walls
No Roof

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Critical Care #42302

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 8:00 am - 11:30 am

Accompanying Personnel: Ron Acton

Building Description:

8 story structure plus basement and penthouses
Concrete Structure
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 42301 Fairview Clinic

Engineer: John Smith

Date: 3/10/14 Time: _____

Accompanying Personnel:

Building Description: One story brick structure with steel roof framing.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hospital Lobby and Concourse #42181

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 12:30 pm - 2:00 pm

Accompanying Personnel: Ron Acton

Building Description:

2 story structure plus basement
Steel Structure
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Mason Eye Institute Building #42089

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 3:30 pm - 5:00 pm

Accompanying Personnel: Ron Acton

Building Description:

2 story structure with basement
Concrete Structure
Brick veneer facade
Structure also houses building #42091 and #42092

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014
EDM Incorporated, Engineering Corporation #000227
220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: McHaney Hall #42127

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 2:00 pm - 3:30 pm

Accompanying Personnel: Ron Acton

Building Description:

5 story structure plus basement
Concrete Structure
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Medical Gas Storage Building #42002

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 9:15 am - 9:30 am

Accompanying Personnel: Cecil Jones

Building Description:

1 story structure
Masonry bearing walls
Brick facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Missouri Psychiatric Center #42434

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-4-14 Time: 10:00 am - 12:30 pm

Accompanying Personnel: Ron Acton

Building Description:

3 story structure plus basement
Concrete Structure
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014
EDM Incorporated, Engineering Corporation #000227
220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hospital Patient and Visitor's Garage - 42180

Engineer: Structural Engineering Associates, Inc. / Richard McGuire, P.E.

Date: 2-28-2014 Time: 1:00 PM - 2:30 PM

Accompanying Personnel:

Building Description:

Completed in 1987, cast-in-place post-tensioned framing system, approximately 448 spaces, 4 levels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Richard R. McGuire MO-E17563 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Ellis Patient Care Tower #42004

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-7-14 Time: 8:00 am - 11:00 am

Accompanying Personnel: Ron Acton

Building Description:

9 story structure with basement and roof penthouses
Concrete Structure
Architectural Panel with Glass facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 3213 S. Providence - Family Medicine Clinic Building "B" #42183

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-6-14 Time: 9:30 am - 10:15 am

Accompanying Personnel: Dave Apel

Building Description:

1 story structure
Wood framed construction
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 3217 S. Providence - Family Medical Clinic #42184

Engineer: Eric Mullikin, P.E. / Alper Audi, Inc.

Date: 3-6-14 Time: 8:00 am - 9:30 am

Accompanying Personnel: Dave Apel

Building Description:

1 story structure
Steel Structure with standing seam metal roof in main section, wood framed mansard roofs and wood framed sloped roofs with asphalt shingles at exterior sections of structure.
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Eric Mullikin, E-26655, Exp. 12-31-2015

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Building Name & Number: Quarterdeck #42200

Engineer: Thomas P. Wells, P.E./Trabue, Hansen & Hinshaw, Inc.

Date: 3/10/2014 Time: 11:00 a.m.

Accompanying Personnel:

Michael Wyatt

Building Description:

Building is L-shaped pre-engineered steel structure in 2 sections: Warehouse portion is 275' long x 155' wide, extends to the south and west. East half exposed warehouse stacks, office space in the north section. West portion is offices and room space. Office wing has basement and two floors up. All finished office space; it extends northwest 280 feet, with a depth of 95 feet.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Engineering Seal 3/11/2014

Thomas P. Wells, P.E. - Lic. # E-19964

Trabue, Hansen & Hinshaw, Inc. - Corp. Reg. # E-1454
1901 Pennsylvania Dr., Columbia, MO 65202

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 42281 Rock Quarry Annex #1

Engineer: John Smith

Date: 3/3/14 Time:

Accompanying Personnel:

Building Description: One story structure with metal roof and wall panels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 42282 Rock Quarry Annex # 2

Engineer: John Smith

Date: 3/3/14 Time: _____

Accompanying Personnel:

Building Description: One story structure with metal wall and roof panels.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: 42283 Rock Quarry Annex # 3

Engineer: John Smith

Date: 3/3/14 Time: _____

Accompanying Personnel:

Building Description: One story structure with metal walls and roof.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

John Smith, PE E-21481 Dec 31, 2014

THHinc Corporate Reg. No. E-1454

1901 Pennsylvania Dr.
Columbia, MO 65202

STATE OF MISSOURI
JOHN L. SMITH
NUMBER
E-21481
REGISTERED PROFESSIONAL ENGINEER

Engineering Seal 3/24/14

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Soiled Linen Storage Building #42005

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-5-14 Time: 9:45 am - 10:00 am

Accompanying Personnel: Cecil Jones

Building Description:

1 story structure
Metal Siding Exterior

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: University of Missouri Teaching Hospital #42083

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-4-14, 3-5-14 Time: 3:30 - 5:00pm, 7:30 - 9:30 am

Accompanying Personnel: Ron Acton

Building Description:

7 story structure plus basement and roof penthouses
Concrete Structure
Brick veneer facade

Structural Safety Hazards Observed? YES **Requires immediate attention**

Description:

A concrete beam has been cored through creating a large hole in the member. This occurs on the 7th floor in the area approximately above rooms 6E42 - 6E43. This was not viewed but rather photo and location provided by Pat Carter while on site. Access was not available. See Figure 42083-1.

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014
EDM Incorporated, Engineering Corporation #000227
220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

Figure 42083-1 Hole in concrete beam on 7th floor

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: University Physicians Medical Building #42300

Engineer: Randy Jasper, P.E. & Don Eichholz/Alper Audi, Inc.

Date: 2-28-14 Time: 3:15 pm - 4:00 pm

Accompanying Personnel:

Building Description:

4 stories plus basement
Brick Facade
Steel & Composite Concrete Slab

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Randal Lee Jasper- License No. E-21793

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: New Ronald McDonald House #37459

Engineer: Randy Jasper, P.E. & Marc Alper, P.E./Alper Audi, Inc.

Date: 2-27-14 Time: 5:00 pm - 5:15 pm

Accompanying Personnel: Tammy Laughin

Building Description:

2 Stories Plus Basement
Wood and Brick Facade, New Construction

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Marc H. Alper - License No. E-17639

Alper Audi, Inc.

1804 Borman Circle Drive
Saint Louis MO 63146
Corporate No. 00287

Engineering Seal 3-24-2014

Women’s and Children’s Hospital

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Women's and Children's Hospital #45350

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-6-14 Time: 9:30 am - 11:30 am

Accompanying Personnel: John Acton

Building Description:

5 story structure plus penthouses
Steel Structure
Architectural panel with strip windows
Brick veneer at lower level and stair towers

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

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Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: CRH Engineering Building #45353

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-6-14 Time: 11:30 am - 11:45 am

Accompanying Personnel: John Acton

Building Description:

1 story structure
Pre-manufactured Metal Building

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: CRH Grounds Sheds #45354

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-6-14 Time: 12:00 pm - 12:15 pm

Accompanying Personnel: John Acton

Building Description:

(2) 1 story structures - storage only
Pre-manufactured portable units

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: CRH Bio-Hazard Waste Building #45355

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-6-14 Time: 11:45 am - 12:00 pm

Accompanying Personnel: John Acton

Building Description:

1 story structure
Rear wall of structure is a concrete retaining wall. Masonry walls were added along with steel roof framing to create structure.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

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Phone Number: 314-231-5485

Engineering Seal 3-26-2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: CRH South Pavilion #45360

Engineer: Jill Walker, P.E. & Don Eichholz / Alper Audi, Inc.

Date: 3-6-14 Time: 2:30 pm - 4:00 pm

Accompanying Personnel: John Acton

Building Description:

2 story structure
Steel joist girder and joist framing
Brick veneer facade

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Jill Walker, E-2000150027, Exp. 12-31-2014

EDM Incorporated, Engineering Corporation #000227

220 Mansion House Center, St. Louis, MO 63102
Phone Number: 314-231-5485

Engineering Seal 3-26-2014

Hinkson Bottoms

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Cold Room - 38519

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 2:55 PM

Accompanying Personnel: Tim Praiswater

Building Description: Wood frame with metal siding. Slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Ralph C. Jones MO22413 Exp. 12/31/2015

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Grain Bin #1 - 38521

Engineer: Structural Engineering Associates, Inc. / Nicolas Pino, P.E.

Date: 3-19-2014 Time: 2:00 PM - 2:30 PM

Accompanying Personnel: Tim Praiswater

Building Description: Metal grain bin on concrete slab.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Nicolas Andrew Pino MO2008019588 Exp. 12/31/2014

Structural Engineering Associates, Inc., MO Lic # 396

1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/26/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Butler Maintenance Bldg. South Shed - 38522

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 3:15 PM

Accompanying Personnel: Tim Praiswater

Building Description: Wood frame open front with metal siding on sides, slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Ralph C. Jones MO22413 Exp. 12/31/2015

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1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Butler Maintenance Bldg. West Lean - 38522

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 3:10 PM

Accompanying Personnel: Tim Praiswater

Building Description:

Open sided structure with wood roof joists, steel posts, and bar joist support "beam".

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Butler Maintenace Building - 38522

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 2:50 PM

Accompanying Personnel: Tim Praiswater

Building Description: Pre-manufactured steel frame with metal siding. Slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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1000 Walnut Street, Suite 1570
Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Shop #1 - 38524

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 2:15 PM

Accompanying Personnel: Tim Praiswater

Building Description: Wood frame with metal siding slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Shop #2 - 38524

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 2:30 PM

Accompanying Personnel: Tim Praiswater

Building Description: Metal frame with metal siding slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Storage Shed #2 - 38527

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 3:20

Accompanying Personnel: Tim Praiswater

Building Description: Pole barn construction open sided.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Maize Research Lab - 38528

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-16-2014 Time: 1:40 PM

Accompanying Personnel: Tim Praiswater

Building Description: Wood frame with metal siding and slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Machine Shed - 38529

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 2:00 PM

Accompanying Personnel: Tim Praiswater

Building Description: Wood frame metal siding and slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

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Kansas City, MO 64106

Engineering Seal 03/25/2014

University of Missouri Structural Building Observation

Project # CP141611

Building Name & Number: Hinkson Bottoms - Pesticide Facility - 38562

Engineer: Structural Engineering Associates, Inc. / Ralph C. Jones, P.E.

Date: 3-6-2014 Time: 3:40 PM

Accompanying Personnel: Tim Praiswater

Building Description: Wood frame with metal siding slab-on-grade.

Structural Safety Hazards Observed? NO **Requires immediate attention**

Description:

The structure named above was observed by me or under my direct supervision and no conditions were identified that pose an immediate structural-safety hazard other than those noted in this report. My observations were limited to conditions that were seen visually without demolition. It is understood that hidden conditions may exist that could cause structural problems now or in the future and that these items may not have been identified during this limited observation.

Ralph C. Jones MO22413 Exp. 12/31/2015

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Kansas City, MO 64106

Engineering Seal 03/25/2014