



January 16, 2012

Mr. Robert Kutch  
Emergent Care Plus  
2741 NE McBaine Drive  
Lee's Summit, Missouri 64064

**RE: Construction Services  
Emergent Care Plus – Primary Care Suite  
2741 NE McBaine Drive  
Lee's Summit, Missouri 64064  
Project No. 122792**

Dear Mr. Kutch:

In accordance with your request, representatives of Kleinfelder have provided field observation and testing services relating to reinforced concrete and structural steel for the building addition at the referenced site. Our services were provided on a part-time basis between December 23, 2011 and January 7, 2012, as scheduled by representatives of A.L. Huber Construction. The compliance of any materials or work not observed by our personnel cannot be determined by our firm and is not addressed, or implied, by this or any previous report.

### **Summary of Activities**

#### **Reinforced Concrete**

Field tests were performed and compressive strength test specimens cast with concrete sampled from the second floor slab. Results of the recent concrete compressive strength tests are enclosed.

#### **Structural Steel**

The following items within the structural steel framing for the proposed building addition were observed:

- Roof frame bar joist field welded connections
- Second floor framing high strength bolted connections between Lines C-L, 1-5
- First and second floor cross bracing field welded connections

- Skidmore high strength bolt test
- Roof deck arc spot weld and screw attachments
- Elevator shaft framing field welded connections
- Two complete joint penetration field welded moment connections within the second floor framing at Grid C-4.4
- Entry canopy frame high strength bolted connections

### **Status of Compliance**

The specific items discussed above in this report appeared to be in general compliance with contract documents with the exception of those items identified in the enclosed Discrepancy List.

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

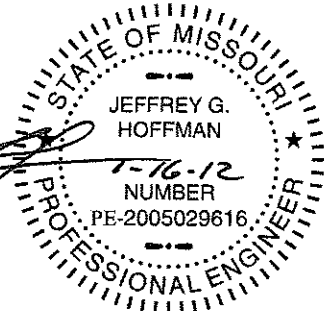
Respectfully submitted,  
**KLEINFELDER**



Stewart L. Legg  
Project Manager



Jeffrey G. Hoffman, P.E.  
Missouri: 2005029616



SLL/JGH:ksb

cc: Mr. David Esely – Hollis and Miller (e-mail)  
Mr. Keith Dorrian – A.L. Huber (e-mail)  
City of Lee's Summit, Missouri

## DISCREPANCY LIST

**Project Name:** Emergent Care Plus

Date: **January 16,  
2012**

Project Address: 2741 NE McBaine Drive  
Lee's Summit, Missouri

Project No.: 122792

[illegible]

**Item numbers previously reported and repaired that have been deleted from the SIR List are as follows:**

**Item numbers reported that require consulting by the project engineer are as follows: 1**

**Note: Discrepancies have to be repaired and observed by our representatives before a final acceptance letter will be issued.**

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## SKIDMORE BOLT TEST RESULTS

PROJECT	Emergent Care, Lee's Summit	DATE	12/23/2011
CLIENT	Kleinfelder/A.L.Huber		
JOB. NO	1011-0271	TESTER SN	13070
CALIBRATION	2/18/2011	CALIBRATION DUE	2/18/2012
INSPECTOR	Mike Jones ICC #8024392	TESTER	Ronnie Davis

[illegible]



11529 West 79th Street  
 Lenexa, Kansas 66214  
 Phone: (913) 962-0909 Fax: (913) 962-0924

## CONCRETE CYLINDER COMPRESSIVE STRENGTH REPORT, ASTM C 39

Report To:  
 Emergent Care Plus  
 Rob Kutch  
 2741 Northeast McBaine Drive  
 Lees Summit, MO 64064

Report Date: 1/5/2012  
 Project No.: 122792  
 Project: Emergent Care - Primary Care  
 Task: 1 Task 1

### MIX DESIGN DATA

Supplier: Century  
 Mix No.: PLMRWR  
 Cement Type:

Cement Factor (sk/cy):  
 Max. Size Agg.(in.):  
 Admixtures:

### SAMPLE DATA

Date Sampled: 12/29/2011 Date Received: 1/3/2012  
 Source of Sample: Deck/Elevated Slab  
 2nd Floor - NE section

Time Batched: 7:45 AM Batch Size (cy):  
 Time Sampled: 8:30 AM Water Added (gal):

Contractor: A.L. Huber  
 Truck/Ticket: 246/222141/1  
 Sampled By: EG  
 Submitted By: EG  
 Curing Method: Cure Room  
 Field Cure Temp (°F) Hi: Lo:  
 Field Cure Time: 120 hrs.

	Measured	Specified	
		Min	Max
Slump (in)	5		
Slump w/plasticizer (in)			
Ambient Air Temperature (°F)	35		
Mix Temperature (°F)	78		
Air Content (%)			
Unit Weight (pcf)			
Time in Truck (mins.)	45		

### LABORATORY DATA

Set No.: LEN122792-10

Capping Method: Unbonded

Sample Number	Date Tested	Age (days)	Dimensions (in)		Area (in <sup>2</sup> )	Fracture Type	Ultimate Load (lbs)	Compressive Strength (psi)
			Diam.	Height				
LEN122792-10A	1/5/2012	7	4.00	8.00	12.57	Columnar	63,760	5,070
LEN122792-10B	1/26/2012	28						
LEN122792-10C	1/26/2012	28						
LEN122792-10D		Hold						

Average 7 Day Strength (psi): 5,070  
 Required Strength (psi) @ 28 days: 4,000

Remarks:

Reviewed on 1/5/2012 by:

Stewart Legg  
 Project Manager

Associated Test Methods: ASTM C 31, C 138, C 143, C 172, C 173, C 231, C 617, C 1064, C 1231

Unless prior arrangements have been made all HOLD specimens will be discarded if required strength is attained.  
 Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.