

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER Page 1 of 2		Date:	January 22, 2015
To (Contractor): Marrilla Design & Construction 259 West Short Street Suite 325 Lexington, KY 40507		Project:	Senior Citizen Center Construction
		Location:	Lexington
		Contract No.	227-2014
		Original Contract Amt.	\$8,882,900.00
		Cumulative Amount of Previous Change Orders	\$117,336.75
		Percent Change - Previous Change Orders	1.32%
		Total Contract Amount Prior to this Change Order	\$9,000,236.75
		Change Order No.	5
You are hereby requested to comply with the following changes from the contract plans and specification;			
<b>Current Change Order</b>			
Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price
1	Unsuitable soils at footings excavated and filled with 8.63 cy of flowable fill (1/14/15)		\$2,319.75
		\$0.00	
			\$2,319.75
		\$2,319.75	
		\$9,002,556.50	
			0.03%
			1.35%
The time provided for the completion in the contract and all provisions of the contract will apply hereto.			
Recommended by	<i>George Thomas</i>	Project Manager	Date 1/23/15
Accepted by	<i>Jack Marrillia</i>	(Contractor)	Date 1/26/15
Approved by	<i>Paul B...</i>	(Director)	Date 1/26/15
Approved by	<i>Scott R...</i>	(Commissioner)	Date 1/26/15
Approved by	<i>Paul Smith</i>	(Mayor or CAO)	Date 1/26/15

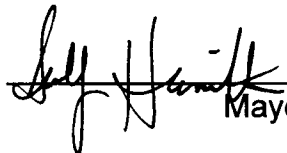
**JUSTIFICATION FOR CHANGE**

PROJECT: Senior Citizen Center Construction

CONTRACT NO. 227-2014

CHANGE ORDER: 5

1. Necessity for change: Unsuitable soils discovered at footings between N-6.2 and N-7 to M-7.
2. Is proposed change an alternate bid? \_\_\_ Yes X No
3. Will proposed change alter the physical size of the project? \_\_\_ Yes X No  
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? \_\_\_ Yes X Not Necessary
6. Will this change affect expiration or extent of insurance coverage? \_\_\_ Yes X No  
If "Yes", will the policies be extended? \_\_\_ Yes \_\_\_ No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: Add 1 day.

  
\_\_\_\_\_  
Mayor

1-26-15  
Date



## LFUCG-Senior Center Soil Remediation Worksheet

Description	Unit Rates	Quantities		Sub-Totals
		Recorded		
Structural Over Excavation (Soil)-CYDS	\$7.00	0		\$0.00
Load and Haul Excess Over-Excavation Soils Off Site-CYDS	\$7.00	0		\$0.00
Structural Back Fill (DGA)-Tons	\$25.00	0		\$0.00
Rock Removal-CYDS	\$100.00	5.76		\$576.00
Structural Backfill (Structural Flowable Fill)-CYDS	\$150.00	8.63		\$1,294.50
Overhead Daily Cost	\$449.25	1		\$449.25
Time Delay		1		
Due to today's activities we request 1 day be added back to the schedule due to the excavation and flowable fill placement.				
<b>Total Cost=</b>				<b>\$2,319.75</b>



# THELEN ASSOCIATES, INC.

Geotechnical • Testing Engineers

• 125 Trade Street, Suite D, Lexington, Kentucky 40511-2616 / 859-226-0761 / Fax 859-226-0763

Draft

www.thelenassoc.com

Offices  
Erlanger, Kentucky  
Lexington, Kentucky  
Cincinnati, Ohio  
Dayton, Ohio

Attention:

PROJECT NO.: LFYCG

PROJECT: Lexington Senior Center

PROJECT LOCATION: Lexington, KY

CONTRACTOR: Hubbard

DATE: Jan 14

TIME ARRIVED:

TIME DEPARTED:

MILEAGE: 15

TRAVEL TIME (min.):

TOTAL TIME (hrs.):

### SUMMARY

Area: N-3.2 to N-7 then turn corner towards N-7 about 3 feet on corner line 7

48" by 13 1/2" with depth of 74"	152004	2295794
48" by 13 1/2" with depth of 74"	116642	

5.73 cubic yards of backfill removed

8.63 cubic yards of flowable fill was placed



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#### Offices

Erlanger, Kentucky  
Lexington, Kentucky  
Cincinnati, Ohio  
Dayton, Ohio

LFUCG - DGS  
200 East Main Street  
Lexington, Kentucky 40507

Attention: Ms. Joyce Thomas

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<b>PROJECT NO.:</b>	140955L		
<b>PROJECT:</b>	Construction Review Services, Lexington Senior Citizens Center		
<b>PROJECT LOCATION:</b>	Lexington, Kentucky		
<b>CONTRACTOR:</b>	Hubbard Construction		
<b>DATE:</b> 1/14/2015	<b>TIME ARRIVED:</b> 9:15 AM	<b>TIME DEPARTED:</b> 3:45 PM	
<b>MILEAGE:</b> 15	<b>TRAVEL TIME (min.):</b> 30	<b>TOTAL TIME (hrs.):</b> 7.0	

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### SUMMARY

The writer visited the site at the request of Mr. Jim Martin with Marrillia Design and Construction to review site activities. Work completed this day was reviewed with respect to the project Structural Drawings prepared by BFMJ, Inc. dated July 24, 2014.

The writer observed the contractor excavate the exterior continuous and column footings in the east and north footing lines for the proposed building. The footing excavations exposed tan to brown, moist, stiff, silty clay between Column Lines 6.5 / N and M.8 / 7. Due to footing design changes in this area, the bearing elevation was lowered 2' to accommodate utilities. The writer probed the exposed material and found it be only 10" to 12" above the bedrock, less than the specified cushion thickness. The writer recommended the contractor remove the remaining material to expose the bedrock per the specifications. The writer observed the contractor undercut 2.87 cubic yards of soil to expose the bedrock. The contractor then undercut the bedrock an additional 2', for a volume of 5.76 cubic yards in order to obtain the specified amount of cushion under the footings. Between Column Lines M.8 / 7 and D / 8, the footing excavations exposed tan to brown, moist, stiff, silty clay. The excavations met or

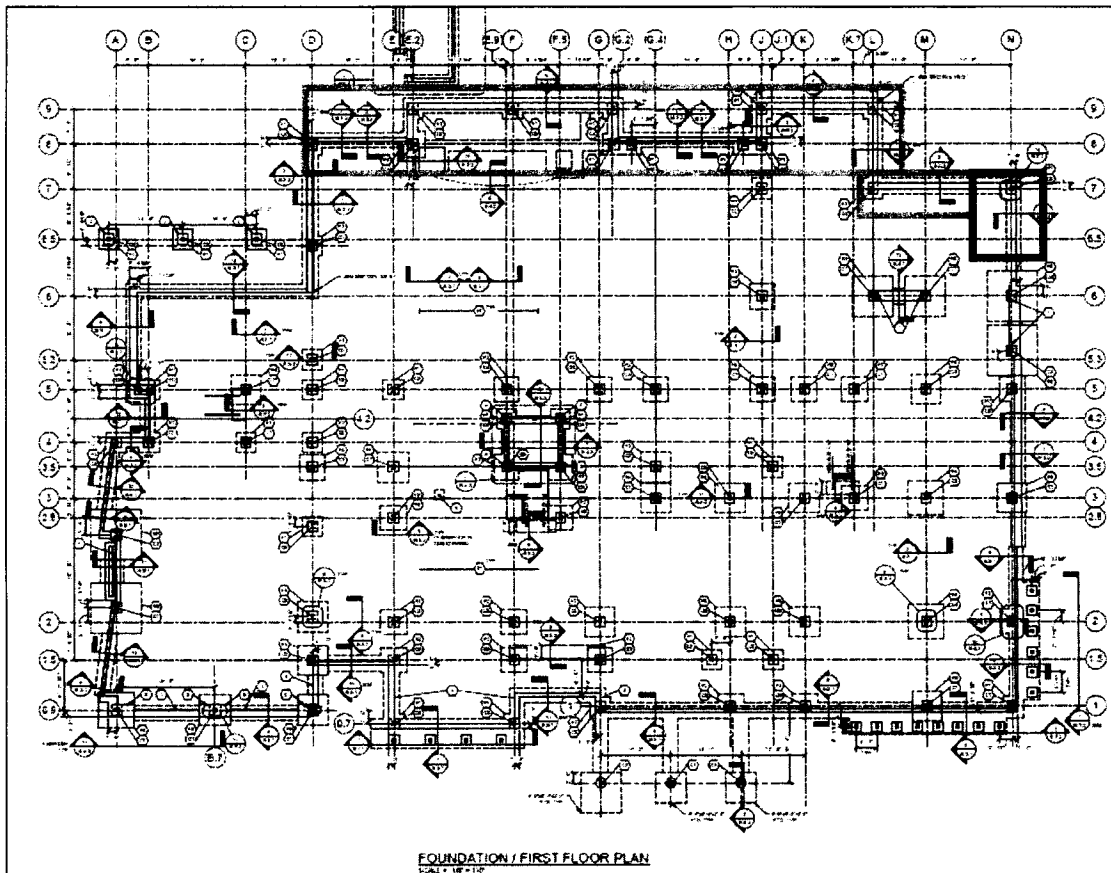
exceeded the plan dimensions, were relatively level, and free from loose material or debris. The exposed bearing surface appeared to be suitable for design bearing capacity of 3,000 pounds per square foot. The contractor indicated that thermal blankets would be placed over the exposed subgrade and concrete would be placed in the footing excavations the following day.


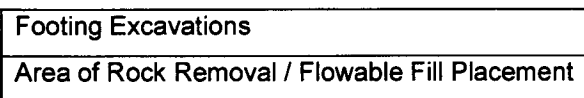
Additionally, the writer observed the contractor place approximately 8.63 cubic yards of flowable fill in the aforementioned area of rock removal to bring the footing excavations up to bearing elevation per ASI-002 dated December 2, 2014.

**Thelen Associates, Inc.**  
Joseph Moore / Jacob Campbell  
Project Engineer / Senior Technician

Copies submitted: 1 – Client (email)  
1 – EOP Architects, Inc. (email)  
1 – BFMJ, Inc. (email)  
2 – Marrillia Construction (email)

**Figure 1: View of Foundation / First Floor Plan**



	Footing Excavations
	Area of Rock Removal / Flowable Fill Placement

**Figure 2: Area of Rock Removal**







Lexington-Fayette Urban County Government  
DEPARTMENT OF GENERAL SERVICES

TRANSMITTAL

Date: January 26, 2015

Contract Number: 227-2014

Purchase Order Number: LF00120278

Bid Package Number: 99-2014

Capital Project Number: TBD

Work Order Number: N/A

Building: Senior Citizen Center

Project Description: Replacement Senior Citizen Center Construction

To: Josh Marrillia, Marrillia Design & Construction

RE: Change Order #5

CC: Meredith Nelson, Council Clerk  
Trina Brown, Social Services

From: Joyce Thomas, General Services *JT*

We Are Sending You:

Contract

Operation and Maintenance Manuals

Warranties

Attached

Payment Application

Plans

Item	Copies	Description	Pages	Date
1.	1	Change Order #5 – Fully Executed Copy	8	1/26/2015

THESE ARE TRANSMITTED AS INDICATED BELOW:

FOR APPROVAL

FOR ACTION

FOR YOUR USE

FOR FILE

FOR YOUR REVIEW AND COMMENT

FOR SIGNATURE

OTHER:

REPLY BY \_\_\_\_\_ TO AVOID DELAY IN CONSTRUCTION

Remarks: