

DATE:	September 13, 2017	CO #:	4
TO:	Mr. Rob Stafford Superintendent Owen County Board of Education 1600 Highway 22 East Owenton, Kentucky 40359	PROJECT:	Owen County Lower Elementary Renovation & Addition Owenton, Kentucky RTA 1602
CONTRACT DATE:	May 15, 2017	CONTRACT FOR:	General Construction

THE CONTRACT IS CHANGED AS FOLLOWS:
(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives.)

Contractor to provide micro pile building foundation system as shown on attached structural sketches SK03, SK04 and SK06 in lieu of specified building foundation system.

TOTAL AMOUNT OF THIS CHANGE ORDER:	\$23,565.95
<hr/>	
The original Contract Sum was	\$7,025,310.35
The net change by previously authorized Change Orders	\$60,186.25
The Contract Sum prior to this Change Order was	\$7,085,496.60
The Contract Sum will be Increased by this Change Order in the amount of	\$23,565.95
The new Contract Sum including this Change Order will be	\$7,109,062.55
The Contract Time will be Unchanged	0 Days
The Date of Substantial Completion as of the date of this Change Order is therefore	August 1, 2018

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Rosstarrant Architects, Inc.
101 Old Lafayette Avenue
Lexington, Kentucky 40502

ARCHITECT *(Firm name and address)*

Marrillia Design & Construction
794 Manchester St.
Lexington, Kentucky 40508

CONTRACTOR *(Firm name and address)*

Owen County Board of Education
1600 Highway 22 East
Owenton, Kentucky 40359

OWNER *(Firm name and address)*

BY *(Signature)*

BY *(Signature)*

BY *(Signature)*

(Typed or printed name)

(Typed or printed name)

(Typed or printed name)

DATE

DATE

DATE

BG #: _____ **Change Order No.:** _____

District: _____ **District Code:** _____ **Facility Name:** _____ **School Code:** _____

Project: _____ **Time Extension Required:** Yes No **If yes, by** _____ **day(s)**

Date of Change Order: _____ **Change Order Amount:** Increase Decrease Unchanged

Contractor / Vendor Name: _____ **Bid Package No.:** _____

1. This Requested Change Order Amount + / -	\$	
2. Remaining Construction Contingency Balance: (including line 1 above)	\$	
3. Change in A/E Fee for this Change Order +/-	\$	
4. Change in CM Fee for this Change Order +/-	\$	

Note: Change Orders equal to or greater than \$25,000 shall be submitted to KDE with detail cost breakdown.
Attach additional pages if necessary.

Contract change requested by: Local Board of Education General Contractor Architect/Engineer
 Construction Manager Code Enforcement Official Other: _____

Contract change reason code: Reduction of Scope Expansion of Scope Improved Plans/Specs
 Found Condition Code Compliance Other: _____

Change Order Description and Justification:	Cost Benefit to Owner:

Have contract unit prices been utilized to support the cost associated with this change order?
 Yes No **If no, provide a detailed cost breakdown which separates labor, material, profit and overhead.**

Cost Breakdown:

Total Change Order Amt.:	Labor	Materials	Profit & Overhead*	Bond & Insurance
\$	\$	\$	\$	\$
% of Total Change Order Amt.:	%	%	%	%

***Profit & Overhead shall not exceed 15% of net cost of change order**

Is the cost for this change order supported by an alternate bid or competitive price quote(s)?
 Yes No **If no, explain why** _____

 Board of Education Designee's Signature Date

 Architect's Signature Date

 Finance Officer's Signature Date

 Construction Manager's Signature Date



192 Mt. Vernon Drive
Georgetown, KY 40324

Office Phone: 502/863-6187
Office Fax: 502/863-4901

Carl Hubbard Cell: 859/983-6139
Ronnie Hubbard Cell: 859/983-6141

September 13, 2017

Marrillia Design & Construction
794 Manchester Street
Lexington, KY 40508

Re: Owen County Lower Elementary – PR 14 – Helical Piers - REVISED
Owenton, KY

Dear Rob,

We are pleased to offer the following scope of work for the above referenced job:

Scope of Work

Trench Earth Excavation & Offsite Disposal = \$18.00/C.Y.

89.62 C.Y.	A. Deduction for excavation & placing flowable fill			
204.83 C.Y.	63.3 1. 38 cubic yards of lean concrete @ \$100.00 per yard = \$3,800.00	6,330		-\$8,962.00
89.62 C.Y.	2. Excavation equipment @ \$20.00 per yard = \$760.00	1,266		-\$4,096.60
	3. Labor to install lean concrete @ \$20.00 per yard = \$760.00	1,266		-\$1,792.40
	Total \$5,320.00	-8,862		-\$14,851.00
	B. Add for additional reinforcing & rework of existing reinforcing			
	1. New reinforcing per drawings = \$1,844.00			
	2. Saw cut & utilize reinforcing (3 men 8 hrs each) = \$1,200.00			
	3. Labor for placing new reinforcing (3 men 8 hrs each) = \$1,200.00		+4,244	
	Total - \$4,244.00			
	C. Credit for Epoxy not done		-360	
	Total for Credit - \$1,076.00			
				-4,978

Please call with any questions.

Sincerely,

Carl Hubbard, Member
Hubbard Construction, LLC



Alternates
Owen County Lower Elementary Renovation and Addition
Owenton, KY

9/14/2017
5:10 PM

Pending Owner Approval

PR-10 Furnish and Install a Micro Pile Foundation System per Proposal Request No. 14R - Revision #1

Furnish and Install a Micro Pile Foundation System per Proposal Request No. 14R

	Quantity	Units	Hr.	Rate	Labor	UP	Materials	Subcontractor	Total
Credit to Eliminate Excavation, Flowable Fill and Epoxy- Hubbard Construction	1	ls				(9,222.00)		(9,222)	(15,211)
Additional Reinforcing and Re-Work of Reinforcing - Hubbard Construction	1	ls			4,244.00			4,244	
Layout and Staking for Pile Locations - Endris Engineering	1	trip			1,060.00			1,060	
Micro Pile Foundation System - Dwyer	1	ls			26,550.00			26,550	
8K-9K 42' Shooting Boom Forklift - Sunbelt Rentals	2	wk			1,485.00		2,970		
Forklift Delivery and Pick-up Fees - Sunbelt Rentals	2	ea			250.00		500		
Forklift Fuel - Marrillia	1	ls			200.00		200		
Maintenance and Re-Routing of the Existing Foundation Drain Along the Existing Building - Marrillia	16	hr			55.00			880 φ	
4" Drainage Pipe for Temporary Foundation Drainage (100' Rolls) - Marrillia	2	roll			45.00		90 φ		
Dewatering of Excavation During Micro Pile Foundation System Installation - Marrillia	16	hr			55.00			880 φ	
3" Gas Trash Pump (Suction Hose and Discharge Line from Marrillia Warehouse) - Sunbelt Rentals	2	wk			195.00		390 φ		
Trash Pump Fuel - Marrillia	1	ls			75.00		75 φ		

0 4,479 24,392 ~~28,871~~ 20,313

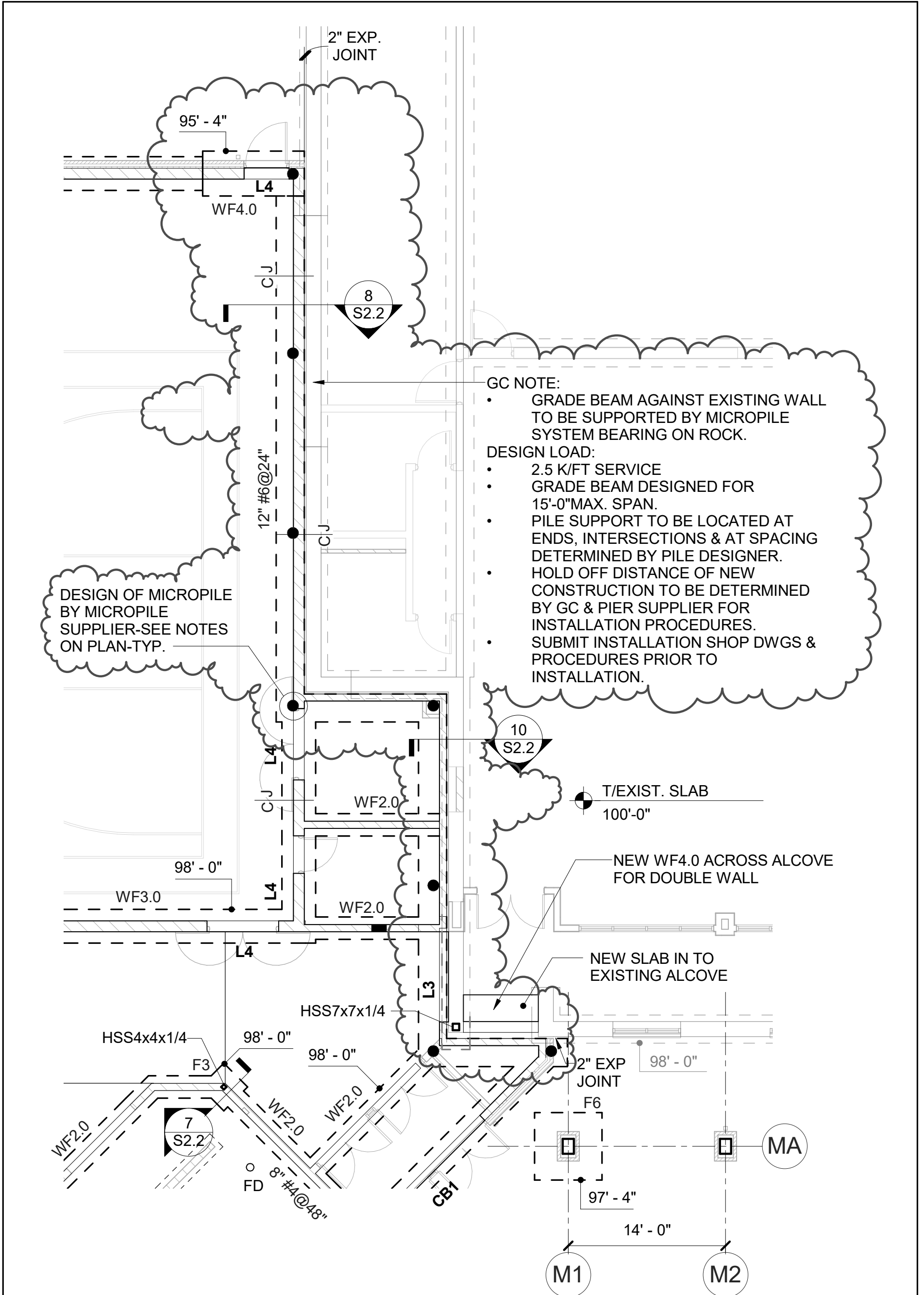
If this Change Order is accepted by the Owner, it is understood by all parties that the Phase 2A Building Addition substantial completion date shall be extended by 14 Calendar Days. A load test is not included for the micropile system.

Cost of In-Place Construction (Labor, Materials and Equipment) =	28,871 20,313
Marrillia Design and Construction Overhead Percentage =	10.0%
Overhead - Marrillia Design and Construction =	2,887 2,031.30
Marrillia Design and Construction Profit Percentage =	5.0%
Profit - Marrillia Design and Construction =	1,444 1,015.65
General Liability Insurance (Construction) =	46
Builder's Risk Insurance =	By Owner
Performance and Payment Bond (Rate of \$10.00 per \$1000 of Cost for \$0 - \$100,000) =	N/A
Performance and Payment Bond (Rate of \$8.00 per \$1000 of Cost for \$100,000 - \$500,000) =	N/A
Performance and Payment Bond (Rate of \$7.00 per \$1000 of Cost for \$500,000 - \$2,500,000) =	N/A
Performance and Payment Bond (Rate of \$6.00 per \$1000 of Cost for \$2,500,000 - \$5,000,000) =	N/A
Performance and Payment Bond (Rate of \$5.00 per \$1000 of Cost for \$5,000,000 - \$7,500,000) =	N/A
Performance and Payment Bond (Rate of \$4.50 per \$1000 of Cost for \$7,500,000 and up) =	150
KY Surcharge on Project Bonds (1.8% of Bond Cost) =	3
Local Municipality Tax on Project Bonds (5% of Bond Cost) =	7

Total Construction Cost = 33,407

23,565.95

9/15/17
Pricing has been revised.



PARTIAL SECOND FLOOR PLAN - AREA C

SK03

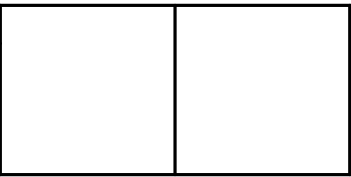
SHEET NUMBER

Date	08/28/17	
Project	1602	
Drawn	CCA	
Checked	CH	
Revisions		
#	DATE	DESCRIPTION
3	08/28/17	Foundation Changes

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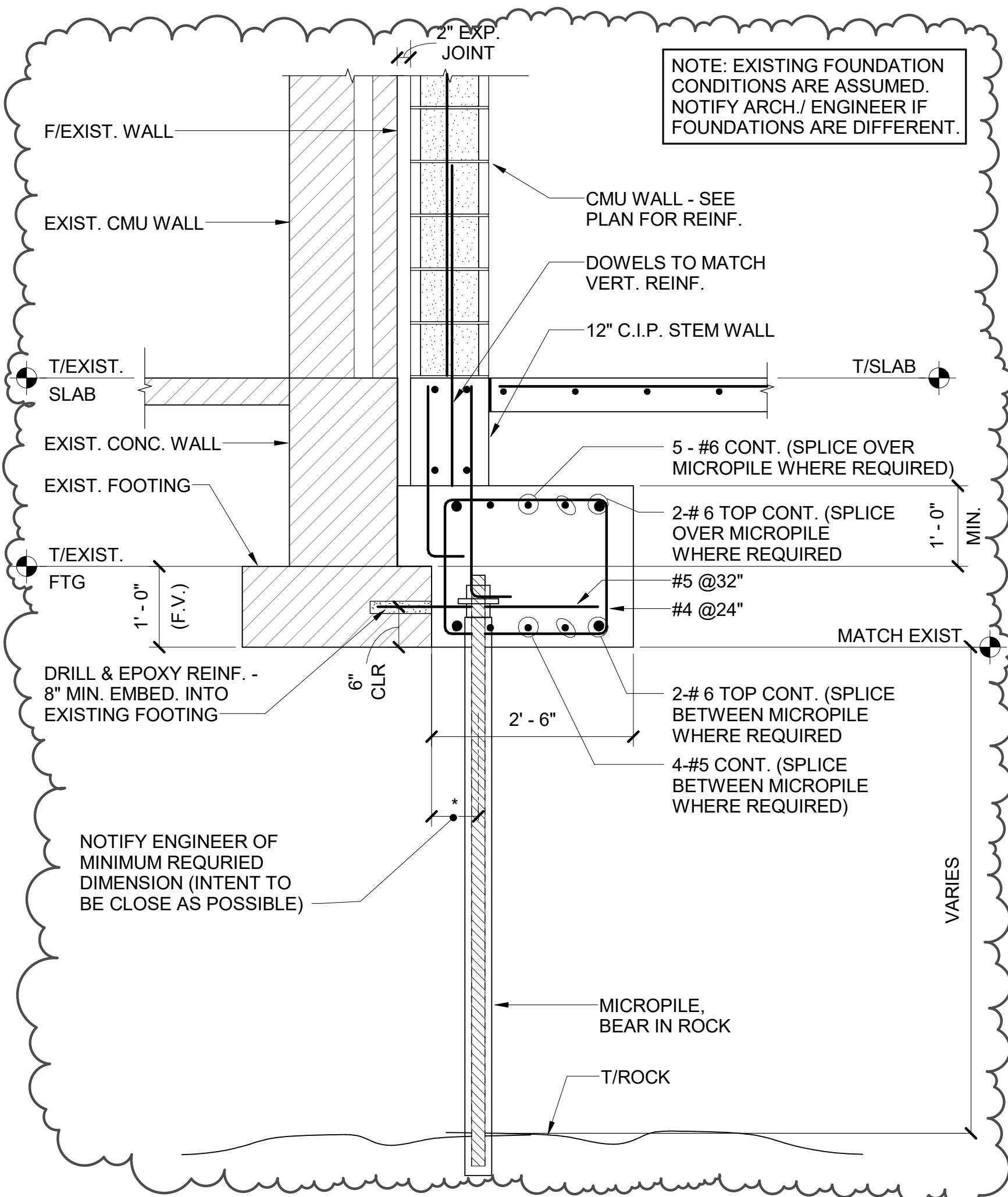
Reference Sheet S1.5

OWEN COUNTY LOWER ELEMENTARY RENOVATION & ADDITION
FOR THE:
OWEN COUNTY BOARD OF EDUCATION
OWENTON, KENTUCKY



rosstarrant
architects

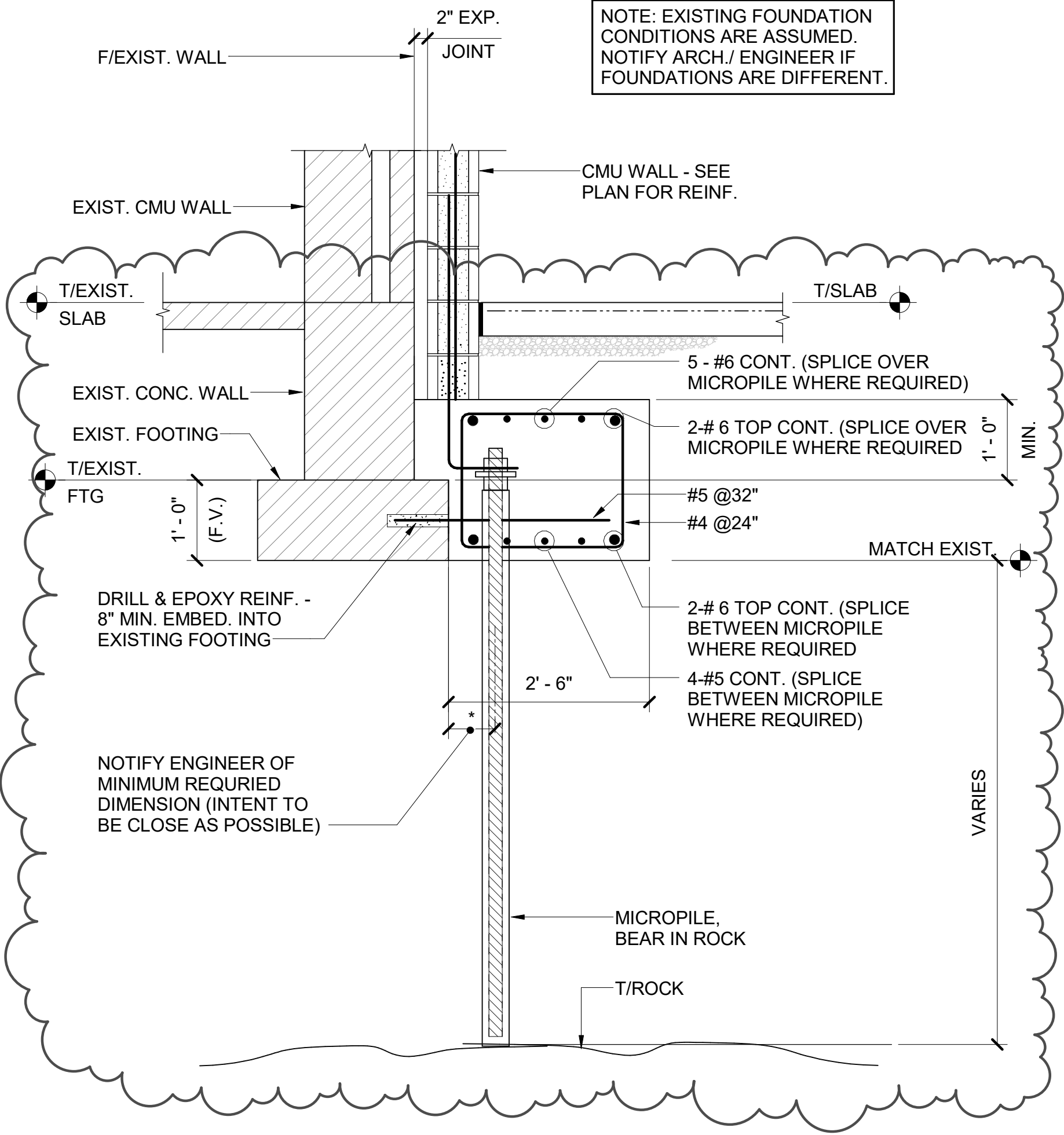
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018 f 859.231.5046



8 SECTION AT EXISTING BUILDING

SK04	Date 08/28/17	Reference Sheet S2.2	OWEN COUNTY LOWER ELEMENTARY RENOVATION & ADDITION FOR THE: OWEN COUNTY BOARD OF EDUCATION OWENTON, KENTUCKY	 rosstarrant architects
	Project 1602 Drawn CCA Checked CH			
Revisions	# DATE DESCRIPTION			
3	08/28/17 Foundation Changes			
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NOTE: EXISTING FOUNDATION CONDITIONS ARE ASSUMED. NOTIFY ARCH./ ENGINEER IF FOUNDATIONS ARE DIFFERENT.



10

SECTION

SK06

#	DATE	DESCRIPTION
3	08/28/17	Foundation Changes

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Reference Sheet S2.2

OWEN COUNTY LOWER ELEMENTARY RENOVATION & ADDITION FOR THE: OWEN COUNTY BOARD OF EDUCATION OWENTON, KENTUCKY

rosstarrant architects

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