



Kenton County School District | *It's about ALL kids.*

## Issue Paper

### DATE:

12/14/2023

### AGENDA ITEM (ACTION ITEM):

Consider/Approve Change Order No. 2 with Morel Construction for the Support Operations Center Project – BG 23-173.

### APPLICABLE BOARD POLICY:

01.1 Legal Status of the Board; 04.31 Authority to Encumber and Expend Funds; Capital Construction Process – 702 KAR 4:160

### HISTORY/BACKGROUND:

This is the second (2<sup>nd</sup>) change order for the Support Operations Center Project associated with Morel Construction. The original contract was \$20,518,787.00. This change order for an additional \$248,647.00 with one (1) previous change order of \$160,341.00 making the new contract sum \$20,927,775.00. In 2017 when the original Twenhofel Middle School (current site of the new Support Operations Center) was demolished, a cost savings measure was taken to leave part of the original foundation in the ground which was excavated over with dirt. This foundation has since been unearthed during the excavation of the new building and now must be removed in order to erect the Support Operations Center. This is the second and final change order associated with the excavation work including the addition of dirt to raise the ground level as required to complete this phase of the project. Please note: this excavation work as indicated below has been completed in order to continue to move the schedule forward.

Item No 1: Backfill of foundation as verified by the Geotechnical Engineer. Work is now complete with all known foundations. **ADD: \$ 93,387.00**

Item No 2: T & M foundations removal and disposal, and backfill of foundations as verified by the Geotechnical Engineer. Work is now complete with all known foundations. **ADD: \$ 155,260.00**

**TOTAL ADD: \$ 248,647.00**

**SUMMARY OF CHANGE ORDER FOR SCOTT PHASE V, TAYLOR MILL SITE CIRCULATION, AND WOODLAND MIDDLE ADDITION AND RENOVATION BG 21-083**

The original contingency for this project	\$1,485,150.00
Total for prior approved change orders	(\$ 160,341.00)
Total for prior Material/Equipment purchase order changes	\$ 0.00
Total for current change orders	(\$ 248,647.00)
Contingency Balance	\$ 1,076,162.00

**FISCAL/BUDGETARY IMPACT:**

Addition of \$248,647.00 to the existing contract for Morel Construction.

**RECOMMENDATION:**

Approve Change Order No. 3 with Morel Construction for the Support Operations Center Project – BG 23-173.

**CONTACT PERSON:**

Matt Rigg, Chief Operations Officer

\_\_\_\_\_  
*Principal/Administrator*

  
\_\_\_\_\_  
*District Administrator*

  
\_\_\_\_\_  
*Superintendent*



# Document G701<sup>®</sup> – 2017

## Change Order

**PROJECT:** (Name and address)  
KCSO Support Operations Center  
11800 Taylor Mill Road.  
Independence, Kentucky 41051

**CONTRACT INFORMATION:**  
Contract For: General Construction  
Date: 6/6/2023

**CHANGE ORDER INFORMATION:**  
Change Order Number: 002  
Date: 12/11/2023

**OWNER:** (Name and address)  
Kenton County School District  
1055 Eaton Drive  
Ft. Wright, Kentucky 41017

**ARCHITECT:** (Name and address)  
GRW  
801 Corporate Drive  
Lexington, Kentucky 40503

**CONTRACTOR:** (Name and address)  
Morel Construction Co., LLC  
2801 Alexandria Way  
Highland Heights, Kentucky 41076

### THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Request for change order #6. Backfill of foundation as verified by the Geotechnical Engineer. Work is now complete with all known foundations. Backfilling at agreed upon unit prices in accordance with attached spreadsheet. See attached exhibit request for change order #6 in the amount of \$93,387.00. The contract time will be extended 8 days.


Request for change order #7. T&M foundations removal and disposal and backfill of foundations as verified by the Geotechnical Engineer. Work is now complete with all known foundations. See attached exhibit request for change order #7 in the amount of \$155,260.00. The contract time will be extended 13 days.


The original Contract Sum was	\$ 20,518,787.00
The net change by previously authorized Change Orders	\$ 160,341.00
The Contract Sum prior to this Change Order was	\$ 20,679,128.00
The Contract Sum will be increased by this Change Order in the amount of	\$ 248,647.00
The new Contract Sum including this Change Order will be	\$ 20,927,775.00

The Contract Time will be increased by Twenty-one (21) days.  
The new date of Substantial Completion will be January 16, 2025.

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that 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.**

GRW  
**ARCHITECT** (Firm name)  
  
**SIGNATURE**  
David Vaught, Project Manager  
**PRINTED NAME AND TITLE**  
12/13/23  
**DATE**

Morel Construction Co., LLC  
**CONTRACTOR** (Firm name)  
  
**SIGNATURE**  
Adolph F. Zell, Vice President  
**PRINTED NAME AND TITLE**  
12/13/23  
**DATE**

Kenton County School District  
**OWNER** (Firm name)  
**SIGNATURE**  
Matthew Rigg, C.O.O.  
**PRINTED NAME AND TITLE**  
**DATE**



2801 ALEXANDRIA Way  
HIGHLAND HEIGHTS, KY 41076  
858-442-7100 FAX: 859-442-8175

## REQUEST FOR CHANGE ORDER

### MOREL CONSTRUCTION CO., LLC

GRW Inc.  
801 Corporate Drive  
Lexington, KY 40503  
  
Attn: Mr. David Vaught

Request No. 6-REV.  
X-No. 6  
Project **Kenton County School District  
Support Operations Center**  
Project No. 23-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

Backfill of foundations as verified by the Geotechnical Engineer. Work is now complete with all known foundations.

Backfilling at agreed upon unit prices in accordance with attached Spreadsheet. \$93,387.00

TOTAL \$93,387.00

Total ADDITIONAL amount of this Request for Change Order \$93,387.00

This Request is Valid for 5 Days  
A Time Extension of 8 Days is Included in this Request

~~A. We are proceeding with this work as per verbal authorization of~~ \_\_\_\_\_

**B. We have completed this work as per verbal authorization of** \_\_\_\_\_

\_\_\_\_\_ Matt Rigg

~~C. We will proceed with this work only upon receipt of this signed authorization, or formal Change Order.~~

SIGNED: \_\_\_\_\_

DATE: \_\_\_\_\_

MOREL CONSTRUCTION CO., LLC

- 1. EMAILED - Architect
- 2. ORIGINAL - Owner/Arch. File
- 3. COPY - X File

By:   
Adolph F. Zell, Vice President

November 28, 2023  
Date

Foundation Removal and Backfill Through 100323 Owner

Foundation Removal Backfill	Date	Yardage	Morel Cost	Morel Total	Days of Delay
Foundation Backfill	9/8/2023	1242			2
Foundation Backfill	9/13/2023	1429			2
Foundation Backfill	9/18/2023	498			1
Foundation Backfill	9/23/2023	182			1
Foundation backfill	9/26/2023	1597			2
Foundation backfill	10/3/2023	1550			2
Total Yardage		6498			10
35% Import		2274.3	\$25.00	\$56,857.50	
65% Reuse		4223.7	\$16.00	\$67,579.20	
			Sub Total	\$124,436.70	10
			Less Previous RFCO #2	-\$31,050.00	-2
			Total this RFCO	\$93,386.70	8
			Use	<b>\$93,387.00</b>	

**Date:** 09/08/2023  
**Client:** Kenton County Board of Education  
**Project:** J041763.02  
 Kenton County School District Support Ops  
 Center  
 Independence, KY

## Daily Field Report

**Contractor:** Morel Construction

**Plans By:** GRW Engineering

**Site Contact:** Anthony

**Plans Dated:** 06/12/2023

**Temperature/Weather:** 78°F Sunny

**Arrival:** 08:00      **Departure:** 16:00      **Travel (hrs):** 1      **Office/Lab (hrs):** 0.5      **Total (hrs):** 9.50

**Item(s) Observed:** Field Density Testing  
 Subgrade Undercut

In General Conformance  
 In General Conformance

### Location and Description of Observation(s):

Performed field density tests on fill material placed on the north Building Pad. The compaction and moisture content results comply with project specifications at the locations and elevations tested. The contractor was notified of test results.

Undercut areas observed included old foundations around the loading dock. Observed undercuts for the purpose of removing old foundations. Approximately 8-9 feet of material was removed from below existing subgrade. Approximate dimensions of material removed today was 101'x27'x9'; 44'x10'x10'; 45'x18'x6' and 17'x10'x8' for an approximate total of 1242 cubic yards. Observations were reviewed with the contractor.

## Field Density Test Results

**Area Being Filled:** North Building Pad

**Compaction Equipment:** CAT 815 Compactor

**Description of Fill Material:** 15 Mixture of Brown Clay and Shale,  
 Little sediments and gravel

**Gauge Information †:** 7472

### TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	NW Building Corner, 105'S, 80'E	900.0	111.1@16.2 <sup>15</sup>	112.4	17.3	6"	100+	2.0/3.0	98	Pass
2	NW Building Corner, 135'S, 80'E	900.0	111.1@16.2 <sup>15</sup>	111.2	17.9	6"	100	2.0/3.0	98	Pass

† Gauge calibration data is on file at our office and available upon request.

**Remarks:** The undercut depths were obtained by the contractors GPS as distances from the bottom to the SG.







To the best of my knowledge, work observed today was in general conformance with the project plans and specifications, except discrepancies noted above, if any.

**Geotechnology Representative:** Dobry D. Dimitrov

**Signed:**

*D. Dimitrov*

**CC:** Piper, Jimmy (GRW) (e)  
Zell, Adolph (Morel Construction) (e)  
Medelen (GRW) (e)  
Mittle, Seth (GRW) (e)  
Beremeier, Anthony (Morel Construction) (e)

Marcum (GRW) (e)  
Vaught, David (GRW) (e)  
Roderick, Saylor (GRW) (e)  
Pfefferman, Kevin (Kenton County Board of Education) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.

**Date:** 09/13/2023  
**Client:** Kenton County Board of Education  
**Project:** J041763.02  
 Kenton County School District Support Ops Center  
 Independence, KY

## Daily Field Report

**Contractor:** Morel Construction

**Plans By:** GRW Engineering

**Site Contact:** Anthony

**Plans Dated:** 06/12/2023

**Temperature/Weather:** 75°F Sunny

**Arrival:** 08:00      **Departure:** 16:30      **Travel (hrs):** 1      **Office/Lab (hrs):** 0.5      **Total (hrs):** 10.00

**Item(s) Observed:** Field Density Testing  
 Subgrade Undercut

In General Conformance  
 In General Conformance

### Location and Description of Observation(s):

Performed field density tests on fill material placed on the second foundation undercut. The compaction and moisture content results comply with project specifications at the locations and elevations tested. The contractor was notified of test results.

Undercut area observed included second foundation undercut west of the loading dock. Observed undercut for the purpose of removing old foundations. Approximately 5.5' feet of material was removed from below existing subgrade. Approximate dimensions of material removed today was 93'x38'x8.42'; 58'x20'x5.5'; 20'x15'x5.5' for an approximate total of 1429 cubic yards. Observations were reviewed with the contractor.

## Field Density Test Results

**Area Being Filled:** Second Foundation Undercut

**Compaction Equipment:** CAT 815 Compactor

**Description of Fill Material:** 4 Mixture of brown SILTY CLAY, olive brown shale, and limestone floaters  
 9 Mixture of brown clay, olive brown SHALE, trace limestone

**Gauge Information †:** 7472

### TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	SW Facility Corner, 90°N, 205°W	893.0	108.0@17.0 <sup>4</sup>	109.0	19.5	6"	100+	3.0/3.0	95	Pass
2	SW Facility Corner, 90°N, 235°W	892.5	108.0@17.0 <sup>4</sup>	107.9	17.3	6"	100	3.0/3.0	95	Pass
3	SW Facility Corner, 130°N, 250°W	891.5	104.7@18.9 <sup>9</sup>	104.4	17.9	6"	100	3.0/3.0	95	Pass
4	SW Facility Corner, 95°N, 255°W	894.5	108.0@17.0 <sup>4</sup>	108.7	19.4	6"	100+	3.0/3.0	95	Pass

† Gauge calibration data is on file at our office and available upon request.

[illegible]





To the best of my knowledge, work observed today was in general conformance with the project plans and specifications, except discrepancies noted above, if any.

**Geotechnology Representative:** Dobry D. Dimitrov

**Signed:**

*D. Dimitrov*

**CC:** Piper, Jimmy (GRW) (e)  
Zell, Adolph (Morel Construction) (e)  
Medelen (GRW) (e)  
Mittle, Seth (GRW) (e)  
Beremeier, Anthony (Morel Construction) (e)

Marcum (GRW) (e)  
Vaught, David (GRW) (e)  
Roderick, Saylor (GRW) (e)  
Pfefferman, Kevin (Kenton County Board of Education) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.

**Date:** 09/18/2023  
**Client:** Kenton County Board of Education  
**Project:** J041763.02  
 Kenton County School District Support Ops  
 Center  
 Independence, KY

## Daily Field Report

**Contractor:** Morel Construction

**Plans By:** GRW Engineering

**Site Contact:** Anthony

**Plans Dated:** 06/12/2023

**Temperature/Weather:** 73°F Sunny

**Arrival:** 08:00      **Departure:** 16:00      **Travel (hrs):** 1      **Office/Lab (hrs):** 0.5      **Total (hrs):** 9.50

**Item(s) Observed:** Field Density Testing  
 Subgrade Undercut

In General Conformance  
 In General Conformance

### Location and Description of Observation(s):

Performed field density tests on fill material placed on the North Building Pad Area. The compaction and moisture content results comply with project specifications at the locations and elevations tested. The contractor was notified of test results.

Undercut areas observed included the area adjacent to the North of the Second Foundation removal. Observed undercuts for the purpose of removing old foundations. Approximately 6 feet to 7.5 feet of material was removed from below existing subgrade. Approximate dimensions of material removed today was 69'x17'x7.5' and 50'x15.5'x 6' for an approximate total of 498 cubic yards. Observations were reviewed with the contractor.

## Field Density Test Results

**Area Being Filled:** North Building Area

**Compaction Equipment:** CAT 815 Compactor

**Description of Fill Material:**

**Gauge Information †:** 7472

### TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	NW Building Corner, 70'S, 35'W	901.5	118.1@12.7 <sup>1</sup>	121.7	13.0	6"	100+	2.0/3.0	98	Pass
2	NW Building Corner, 75'S, 55'E	901.5	118.1@12.7 <sup>1</sup>	120.7	12.6	6"	100+	2.0/3.0	98	Pass

† Gauge calibration data is on file at our office and available upon request.

**Remarks:** The contractor decided to fill on the North Building Pad area instead of the undercut, to prepare the area for foundations in the middle of the week. The writer mentioned the limit of limestone use to 2 feet bellow the building pad SG.





To the best of my knowledge, work observed today was in general conformance with the project plans and specifications, except discrepancies noted above, if any.

**Geotechnology Representative:** Dobry D. Dimitrov

**Signed:**

*D. Dimitrov*

**CC:** Piper, Jimmy (GRW) (e)  
Zell, Adolph (Morel Construction) (e)  
Medelen (GRW) (e)  
Mittle, Seth (GRW) (e)  
Beremeier, Anthony (Morel Construction) (e)

Marcum (GRW) (e)  
Vaught, David (GRW) (e)  
Roderick, Saylor (GRW) (e)  
Pfefferman, Kevin (Kenton County Board of Education) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.

**Date:** 09/23/2023  
**Client:** Kenton County Board of Education  
**Project:** J041763.02  
 Kenton County School District Support Ops  
 Center  
 Independence, KY

## Daily Field Report

**Contractor:** Morel Construction

**Plans By:** GRW Engineering

**Site Contact:** Anthony

**Plans Dated:** 06/12/2023

**Temperature/Weather:** 78°F Sunny

**Arrival:** 07:00      **Departure:** 15:30      **Travel (hrs):** 1      **Office/Lab (hrs):** 0.5      **Total (hrs):** 10.00

**Item(s) Observed:** Subgrade Undercut      In General Conformance  
 Field Density Testing      In General Conformance

### Location and Description of Observation(s):

Undercut areas observed included old Foundation area-150'S, 240'W from the NW Building corner. Observed undercuts for the purpose of removing old foundations. Approximately 4 feet of material was removed from below existing subgrade. Approximate dimensions of material removed today was 50'x24.5' for an approximate total of 182 cubic yards. Observations were reviewed with the contractor.

Performed field density tests on fill material placed on the foundations undercuts. The compaction and moisture content results comply with project specifications at the locations and elevations tested. The contractor was notified of test results.

## Field Density Test Results

**Area Being Filled:** Foundation Undercuts

**Compaction Equipment:** CAT 815 Compactor

**Description of Fill Material:** <sup>9</sup> Mixture of brown clay, olive brown SHALE, trace limestone  
<sup>4</sup> Mixture of brown SILTY CLAY, olive brown shale, and limestone floaters

**Gauge Information** †: 7472

### TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	NW Building Corner, 150'S, 240'W	894.0	104.7@18.9 <sup>9</sup>	102.4	17.8	6"	98	2.0/3.0	95	Pass
2	NW Building Corner, 200'S, 200'W	894.0	108.0@17.0 <sup>4</sup>	107.5	17.3	6"	100	2.0/3.0	95	Pass
3	NW Building Corner, 165'S, 235'W	895.0	104.7@18.9 <sup>9</sup>	105.9	21.2	6"	100+	2.0/3.0	95	Pass
4	NW Building Corner, 215'S, 200'W	895.0	108.0@17.0 <sup>4</sup>	108.9	17.3	6"	100+	2.0/3.0	95	Pass
5	NW Building Corner, 160'S, 255'W	896.0	108.0@17.0 <sup>4</sup>	111.3	16.5	6"	100+	2.0/3.0	95	Pass



+ Gauge calibration data is on file at our office and available upon request.

**Remarks:** The contractor discovered another foundation adjacent to the previously undercut area.







To the best of my knowledge, work observed today was in general conformance with the project plans and specifications, except discrepancies noted above, if any.

**Geotechnology Representative:** Dobry D. Dimitrov

**Signed:**

*D. Dimitrov*

**CC:** Piper, Jimmy (GRW) (e)  
Zell, Adolph (Morel Construction) (e)  
Medelen (GRW) (e)  
Mittle, Seth (GRW) (e)  
Beremeier, Anthony (Morel Construction) (e)

Marcum (GRW) (e)  
Vaught, David (GRW) (e)  
Roderick, Saylor (GRW) (e)  
Pfefferman, Kevin (Kenton County Board of Education) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.

**Date:** 09/26/2023  
**Client:** Kenton County Board of Education  
**Project:** J041763.02  
 Kenton County School District Support Ops Center  
 Independence, KY

## Daily Field Report

**Contractor:** Morel Construction

**Plans By:** GRW Engineering

**Site Contact:** Anthony

**Plans Dated:** 06/12/2023

**Temperature/Weather:** 82°F Sunny

**Arrival:** 07:45    **Departure:** 16:30    **Travel (hrs):** 1    **Office/Lab (hrs):** 0.5    **Total (hrs):** 10.25

**Item(s) Observed:** Field Density Testing  
 Subgrade Undercut

In General Conformance  
 In General Conformance

### Location and Description of Observation(s):

Performed field density tests on fill material placed on the Building Area. The compaction and moisture content results comply with project specifications at the locations and elevations tested. The contractor was notified of test results.

Undercut areas observed included foundation removal areas. Observed undercuts for the purpose of removing old foundations. Approximately 6.6-7.11 feet of material was removed from below existing subgrade. Approximate dimensions of material removed today was 82'x15'x7'; 28'x20'x7'; 35'x20.5'x6.5'; 59'x40'x7.11'; 42'x33'x6.6' for an approximate total of 1597 cubic yards. Observations were reviewed with the contractor.

## Field Density Test Results

**Area Being Filled:** The Central Building Area

**Compaction Equipment:** CAT 815 Compactor

**Description of Fill Material:** 4 Mixture of brown SILTY CLAY, olive brown shale, and limestone floaters

**Gauge Information †:** 7472

### TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	NW Building Corner, 210'S, 25'E	895.0	108.0@17.0 <sup>4</sup>	111.0	16.4	6"	100+	2.0/3.0	98	Pass
2	NW Building Corner, 210'S,	897.0	108.0@17.0 <sup>4</sup>	110.4	17.2	6"	100+	2.0/3.0	98	Pass
3	NW Building Corner, 210'S, 20'W	898.0	118.1@12.7 <sup>1</sup>	120.2	14.9	6"	100+	2.0/3.0	98	Pass
4	NW Building Corner, 200'S, 70'E	896.0	118.1@12.7 <sup>1</sup>	117.9	13.9	6"	100	2.0/3.0	98	Pass

† Gauge calibration data is on file at our office and available upon request.

**Remarks:** The writer had monitored the removal of dry loose material as part of the building fill area in two sections. The initial location of the undercuts was given by the contractor.





To the best of my knowledge, work observed today was in general conformance with the project plans and specifications, except discrepancies noted above, if any.

**Geotechnology Representative:** Dobry D. Dimitrov

**Signed:**

*D. Dimitrov*

**CC:** Piper, Jimmy (GRW) (e)  
Zell, Adolph (Morel Construction) (e)  
Medelen (GRW) (e)  
Mittle, Seth (GRW) (e)  
Beremeier, Anthony (Morel Construction) (e)

Marcum (GRW) (e)  
Vaught, David (GRW) (e)  
Roderick, Saylor (GRW) (e)  
Pfefferman, Kevin (Kenton County Board of Education) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.



**Date:** 10/03/2023  
**Client:** Kenton County Board of Education  
**Project:** J041763.02  
 Kenton County School District Support Ops  
 Center  
 Independence, KY

## Daily Field Report

**Contractor:** Morel Construction

**Plans By:** GRW Engineering

**Site Contact:** Anthony

**Plans Dated:** 06/12/2023

**Temperature/Weather:** 85°F Sunny

**Arrival:** 08:00      **Departure:** 17:15      **Travel (hrs):** 1      **Office/Lab (hrs):** 0.5      **Total (hrs):** 10.75

**Item(s) Observed:** Field Density Testing  
Subgrade Undercut

In General Conformance  
In General Conformance

### Location and Description of Observation(s):

Performed field density tests on fill material placed on the demolished house on Turkeyfoot and the central Building pad. The compaction and moisture content results comply with project specifications at the locations and elevations tested. The contractor was notified of test results.

Undercut areas observed included the Parking lot and old foundations area. Observed undercuts for the purpose of removing old foundations. Approximately 5.5-9 feet of material was removed from below existing subgrade. Approximate dimensions of material removed today was 30'x17'x5.5'; 34'x12'x6.75'; 38'x11'x7'; 19.5'x17.5'x7.65'; 15'x17'x2x7.4; 26'x22.5'x8.4; 112'x14'x8.06'; 24.5'x21.5'x9.15'; 43'x19.5'x7'; 21'x13'x6.0' for an approximate total of 1550.36 cubic yards. Observations were reviewed with the contractor.

## Field Density Test Results

**Area Being Filled:** the demolished house at Turkeyfoot Middle school.  
The central Building pad.

**Compaction Equipment:** CAT 815 Compactor

**Description of Fill Material:** 4 Mixture of brown SILTY CLAY, olive brown shale, and limestone floaters

**Gauge Information** †: 7472

### TABULATION OF FIELD DENSITY TEST RESULTS (ASTM D6938)

Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
1	39.01231° North, 84.58010° West West	-4.0	113.2@13.7 <sup>17</sup>	116.0	16.5	6"	100+	2.0/3.0	98	Pass
2	39.01231° North, 84.58010° West East	-4.0	113.2@13.7 <sup>17</sup>	114.8	16.5	6"	100+	2.0/3.0	98	Pass
3	39.01231° North, 84.58010° West 210°S 70°W	898.5	118.1@12.7 <sup>1</sup>	116.4	15.4	6"	99	2.0/3.0	98	Pass
4	NW Building Corner, 220°S, 60°E	898.0	118.1@12.7 <sup>1</sup>	119.8	15.4	6"	100+	2.0/3.0	98	Pass
5	39.01231° North, 84.58010° West	-3.0	110.0@16.0 <sup>16</sup>	110.2	16.3	6"	100	2.0/3.0	98	Pass



Test No.	Test Location	Elevation (feet) ±	Max. Dry Den. @ Optimum Moisture (pcf @ %)	In Place Dry Density (pcf)	In Place Moisture (%)	Probe Depth	Percent Compaction	Moisture Tolerance (-/+)	Min. Comp. Spec. (%)	Result
6	NW Building Corner, 215'S, 10'E	898.5	118.1@12.7 <sup>1</sup>	116.8	15.6	6"	99	2.0/3.0	98	Pass
7	NW Building Corner, 220'S, 20W	899.0	108.0@17.0 <sup>4</sup>	108.5	17.7	6"	100	2.0/3.0	98	Pass

† Gauge calibration data is on file at our office and available upon request.

**Remarks:** The contractor at Turkeyfoot indicated that changed the borrow area to City of Florence, Dream street. Our office was familiarized.

The writer also shared the importance of rolling/sealing the fill adjacent to the sheer walls of the demolished area undercut.

The contractor at the Facility site provided the writer with the bottom elevations of the undercuts but was unable to give the design elevations. The writer used the plans to calculate the depths. to SG.



House on Turkeyfoot



House on Turkeyfoot

To the best of my knowledge, work observed today was in general conformance with the project plans and specifications, except discrepancies noted above, if any.

**Geotechnology Representative:** Dobry D. Dimitrov

**Signed:**

*D. Dimitrov*

**CC:** Piper, Jimmy (GRW) (e)  
Zell, Adolph (Morel Construction) (e)  
Medelen (GRW) (e)  
Mittle, Seth (GRW) (e)  
Beremeier, Anthony (Morel Construction) (e)

Marcum (GRW) (e)  
Vaught, David (GRW) (e)  
Roderick, Saylor (GRW) (e)  
Pfefferman, Kevin (Kenton County Board of Education) (e)

Notice: The Geotechnology representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the Geotechnology field representative do not relieve the contractor's obligation to meet contractual requirements. The contractor retains sole responsibility for site safety and the methods and sequences of construction.



2801 ALEXANDRIA Way  
HIGHLAND HEIGHTS, KY 41076  
858-442-7100 FAX: 859-442-8175

## REQUEST FOR CHANGE ORDER

### MOREL CONSTRUCTION CO., LLC

GRW Engineering Architecture Geospatial Inc.  
801 Corporate Drive  
Lexington, KY 40503

Attn: Mr. David Vaught

Request No. 7-REV.  
X-No. 7  
Project Kenton County School District  
Support Operations Center  
Project No. 23-02

We hereby request your formal Change Order to our contract for the following changes in the Scope of Work.

T&M Foundation removal and disposal and backfill of foundations as verified by the Geotechnical Engineer. Work is now complete with all known foundations.

Layout-Surveyor to confirm location of existing building foundations vs site layout.	\$1,500.00
Demolition and Disposal (See attached R.E.D.S. proposals, dated 09/25/2023 and 10/25/2023.)	\$138,248.00

Overhead and Profit	\$139,748.00
	\$13,975.00
<b>Subtotal</b>	<b>\$153,723.00</b>
Bonds and Insurance	\$1,537.00
<b>Total ADDITIONAL amount of this Request for Change Order</b>	<b>\$155,260.00</b>

This Request is Valid for 5 Days  
A Time Extension of 13 Days is Included in this Request

A. We are proceeding with this work as per verbal authorization of \_\_\_\_\_

**B. We have completed this work as per verbal authorization of** \_\_\_\_\_

Matt Rigg

C. We will proceed with this work only upon receipt of this signed authorization, or formal Change Order.

SIGNED: \_\_\_\_\_

DATE: \_\_\_\_\_

MOREL CONSTRUCTION CO., LLC

1. EMAILED - Architect
2. ORIGINAL - Owner/Arch. File
3. COPY - X File

By: \_\_\_\_\_

Adolph F. Zell, Vice President

November 28, 2023  
Date

# Regional Excavation and Development Services, LLC

## Change Order#2

9/25/2023

4240 Airport Road, Suite 307  
Cincinnati, OH 45226  
Phone (513) 235-3300 Fax (859) 291-4669

Bill To: Morel Contruction Co., LLC

Project: Kenton County Support Operation Center

Prepared by: TAF

Description of Services	AMOUNT
<b>Removal of Old Foundation</b>	
<b>8/21/23- Discovery to find walls</b>	
- CAT 329 - 6.00 hours @ \$190.00 per hour	\$1,140.00
<b>8/22/23- Foundation removal</b>	
- CAT 329 - 4.00 hours @ \$190.00 per hour	\$760.00
<b>8/23/23- Foundation removal</b>	
- CAT 329 - 4.00 hours @ \$190.00 per hour	\$760.00
<b>8/24/23- Foundation removal</b>	
- CAT 329 - 2.00 hours @ \$190.00 per hour	\$380.00
<b>8/25/23- Foundation removal</b>	
- CAT 329 - 8.00 hours @ \$190.00 per hour	\$1,520.00
<b>8/26/23- Foundation removal</b>	
- CAT 329 - 8.00 hours @ \$190.00 per hour	\$1,520.00
<b>9/6/23- Foundation removal, hauling</b>	
- CAT 329 - 8.00 hours @ \$190.00 per hour	\$1,520.00
<b>9/7/23- Foundation removal, hauling</b>	
- CAT 329 - 8.00 hours @ \$190.00 per hour	\$1,520.00
<b>9/8/23- Foundation removal and hauling</b>	
- CAT 329 - 8.00 hours @ \$190.00 per hour	\$1,520.00
- CAT 745 - 8.00 hours @ \$240.00 per hour	\$1,920.00
<b>9/11/23- Foundation removal and hauling</b>	
- CAT 329 - 6.00 hours @ \$190.00 per hour	\$1,140.00
- CAT 745 - 6.00 hours @ \$240.00 per hour	\$1,440.00
<b>9/12/23- Foundation removal and hauled concrete</b>	
- CAT 336 - 7.00 hours @ \$220.00 per hour	\$1,540.00
- CAT 745 - 7.00 hours @ \$240.00 per hour	\$1,680.00
<b>9/13/23- Foundation removal and hauled concrete</b>	
- CAT 329 w/ram - 8.00 hours @ \$300.00 per hour	\$2,400.00
- CAT 745 - 8.00 hours @ \$240.00 per hour	\$1,920.00
- CAT 336 - 8.00 hours @ \$220.00 per hour	\$1,760.00

Description of Services	AMOUNT
<b>9/14/23- Foundation removal, hauling</b> - CAT 329 w/ram - 6.00 hours @ \$300.00 per hour - CAT 745 - 5.00 hours @ \$240.00 per hour - CAT 336 - 5.00 hours @ \$220.00 per hour	\$1,800.00 \$1,200.00 \$1,100.00
<b>9/15/23- Moved foundations out of the way</b> - CAT 336 - 8.00 hours @ \$220.00 per hour - CAT 745 - 8.00 hours @ \$240.00 per hour	\$1,760.00 \$1,920.00
<b>9/18/23- Foundation removal, hauling</b> - CAT 329 w/ram - 7.00 hours @ \$300.00 per hour - CAT 745 - 8.00 hours @ \$240.00 per hour - CAT 336 - 7.00 hours @ \$220.00 per hour	\$2,100.00 \$1,920.00 \$1,540.00
<b>9/19/23- Foundation removal and hauled concrete</b> - CAT 329 w/ram - 6.50 hours @ \$300.00 per hour - CAT 336 - 6.00 hours @ \$220.00 per hour - CAT 745 - 6.00 hours @ \$240.00 per hour - CAT D8 - 4.00 hours @ \$260.00 per hour	\$1,950.00 \$1,320.00 \$1,440.00 \$1,040.00
<b>9/20/23- Foundation removal, hauling</b> - CAT 329 w/ram - 6.00 hours @ \$300.00 per hour - CAT 745 - 6.00 hours @ \$240.00 per hour - CAT 336 - 6.00 hours @ \$220.00 per hour	\$1,800.00 \$1,440.00 \$1,320.00
<b>9/21/23- Foundation removal. Hauling</b> - CAT 329 w/ram - 8.00 hours @ \$300.00 per hour - CAT 336 - 5.00 hours @ \$220.00 per hour - CAT 745 - 5.00 hours @ \$240.00 per hour	\$2,400.00 \$1,100.00 \$1,200.00
<b>9/22/23- Foundation removal and hauled out with two Evans trucks and two 745 off road trucks</b> - CAT 329 w/ram - 8.00 hours @ \$300.00 per hour - CAT 336 - 8.00 hours @ \$220.00 per hour - CAT 745 - 16.00 hours @ \$240.00 per hour - Hauled out 23 loads w/745 - 23 loads @ \$125.00 per load x 3 - Evans Landscaping - 2 triaxle trucks - 15.00 hours @ \$130.00 per hour - Hauled out 34 loads w/triaxles - 34 loads @ \$125.00 per load	\$2,400.00 \$1,760.00 \$3,840.00 \$8,625.00 \$1,950.00 \$4,250.00
<b>9/23/23- Foundation removal and hauled out with two 745 off road trucks</b> - CAT 329 w/ram - 8.00 hours @ \$300.00 per hour - CAT 336 - 8.00 hours @ \$220.00 per hour - CAT 745 - 17.00 hours @ \$240.00 per hour - Hauled out 14 loads w/745 - 14 loads @ \$125.00 per load x 3	\$2,400.00 \$1,760.00 \$4,080.00 \$5,250.00
<b>9/25/23- Foundation removal and hauled out with two 745 off road trucks</b> - CAT 329 w/ram - 2.00 hours @ \$300.00 per hour - CAT 336 - 8.50 hours @ \$220.00 per hour - CAT 745 - 17.00 hours @ \$240.00 per hour - Hauled out 10 loads w/745 - 10 loads @ \$125.00 per load x 3	\$600.00 \$1,870.00 \$4,080.00 \$3,750.00
	<b>Subtotal:</b> \$99,405.00
	<b>5% Admin Fee:</b> \$4,970.25
	<b>Total Add:</b> \$104,375.25

USE \$ 104,375 -

# Regional Excavation and Development Services, LLC

## Change Order#3

10/25/2023

4240 Airport Road, Suite 307  
Cincinnati, OH 45226  
Phone (513) 235-3300 Fax (859) 291-4669

Bill To: Morel Construction Co., LLC

Prepared by: TAF

Project: Kenton County Support Operation Center

Description of Services	AMOUNT
<b>Removal of Old Foundation</b>	
9/26/23 - Foundation removal and hauled out with two 745 off road trucks - Cleaned up around walls and piles	
- CAT 329 w/ram - 3.00 hours @ \$300.00 per hour	\$900.00
- CAT 336 - 7.00 hours @ \$220.00 per hour	\$1,540.00
- CAT 745 - 14.00 hours @ \$240.00 per hour	\$3,360.00
- CAT D5 - 4.00 hours @ \$165.00 per hour	\$660.00
- Hauled out 16 loads - 16 loads @ \$125.00 per load x 3	\$6,000.00
10/2/23 - Foundation removal and cleaned up around walls	
- CAT 329 w/ram - 6.00 hours @ \$300.00 per hour	\$1,800.00
- CAT 336 - 2.50 hours @ \$220.00 per hour	\$550.00
10/3/23 - Cleaned up around walls	
- CAT D8 - 2.50 hours @ \$260.00 per hour	\$650.00
- CAT 336 - 2.50 hours @ \$220.00 per hour	\$550.00
10/9/23 - Foundation removal	
- CAT 329 - 4.00 hours @ \$190.00 per hour	\$760.00
10/10/23 - Hauled out concrete with two 745 off road trucks, hammered foundation	
- CAT 329 w/ram - 8.00 hours @ \$300.00 per hour	\$2,400.00
10/11/23 - Foundation removal	
- CAT 329 w/ram - 6.00 hours @ \$300.00 per hour	\$1,800.00
10/12/23 - Hauled out concrete with two 745 off road trucks	
- CAT 336 - 3.50 hours @ \$220.00 per hour	\$770.00
- CAT 745 - 7.00 hours @ \$240.00 per hour	\$1,680.00
- Hauled out 6 loads w/745 - 6 loads @ \$125.00 per load x 3	\$2,250.00
10/17/23 - Hauled out concrete with two triaxles	
- CAT 336 - 8.00 hours @ \$220.00 per hour	\$1,760.00
- MC 57 - 8.00 hours @ \$130.00 per hour	\$1,040.00
- MC 58 - 8.00 hours @ \$130.00 per hour	\$1,040.00
- Hauled out 22 loads w/triaxles - 22 loads @ \$125.00 per load	\$2,750.00
<b>Subtotal:</b>	<b>\$32,260.00</b>
<b>5% Admin Fee:</b>	<b>\$1,613.00</b>
<b>Total Add:</b>	<b>\$33,873.00</b>