

DEPARTMENT OF FACILITIES

THOMAS STOKES, DIRECTOR

TRACY PARSLEY, MAINTENANCE SUPERVISOR

BOBBIE CASTLEMAN, CUSTODIAL SUPERVISOR

GEORGE BROCK, ENERGY MANAGER

TO: Dr. Jesse Bacon, Superintendent

FROM: Thomas Stokes, Director of Facilities *TS*

DATE: October 14, 2025

RE: Bullitt Central High School (25-145)
Change Order 7—Site Soil Remediation

This Change Order covers work to address unsuitable soils and subsurface water found below the building pad. Work was observed and quantified by the district's Special Inspector (UES) and contract unit prices were utilized. Work had to be done prior to foundations being placed.

I recommend approval of this request.

Attached paperwork is listed below with action items noted for each:

- BP1 - BCHS PSC - G701-2017 - Change Order 07 - for Board Signature
- BP1 - BCHS PSC - FACPAC - Change Order 07 - Site Soil Remediation - for Board Signature
 - COR-6 Allowance 2b Overages – For Board Reference, no action required.
 - COR-8 Ground Water Remediation – For Board Reference, no action required.

OUR MISSION IS TO INSPIRE AND EQUIP OUR STUDENTS TO SUCCEED IN LIFE

BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION



AIA® Document G701® – 2017

Change Order

PROJECT: *(Name and address)*
BCPS Phase III Athletics - Bid Package
No. 1 - Bullitt CENTRAL Physical Science
Center
1330 KY-44
Shepherdsville, KY 40165

CONTRACT INFORMATION:
Contract For: Bullitt CENTRAL Physical
Science Center
Date: 06-19-2025

CHANGE ORDER INFORMATION:
Change Order Number: 007
Date: 10-20-2025

OWNER: *(Name and address)*
Bullitt County Public Schools Board of
Education
1040 Hwy 44 East
Shepherdsville, KY 40165

ARCHITECT: *(Name and address)*
Studio Kremer Architects
1231 S Shelby St., Louisville KY

CONTRACTOR: *(Name and address)*
Calhoun Construction Services, Inc.
7707 National Turnpike
Louisville, KY 40218

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.)
See CORs 6 and 8 for Scope of Work included in this Change Order.

The original Contract Sum was	\$	13,577,217.19
The net change by previously authorized Change Orders	\$	218,755.60
The Contract Sum prior to this Change Order was	\$	13,795,972.79
The Contract Sum will be increased by this Change Order in the amount of	\$	51,862.00
The new Contract Sum including this Change Order will be	\$	13,847,834.79

The Contract Time will be unchanged by (0) days.
The new date of Substantial Completion will be

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.



ARCHITECT *(Signature)*

BY: Catherine Noble Ward, AIA

(Printed name, title, and license number if required)

10-14-2025

Date



CONTRACTOR *(Signature)*

BY: Joel Pittard, Project Manager

(Printed name and title)

10/14/2025

Date

OWNER *(Signature)*

BY: Dr. Jesse Bacon, Superintendent

(Printed name and title)

Date

FACPAC Contract Change Order Supplemental Information Form (Ref# 63452)

Form Status: Saved

Tier 1 Project: Phase 3 Athletics - BCHS and BEHS Field Houses

BG Number: 25-145

District: Bullitt County (HB678) (071)

Status: Active

Phase: Project Initiation (View Checklist)

Contract: Calhoun Construction Services. Inc., 0001, BP1 - Bullitt Central Physical Science Center - General Construction

Type: General Contractor

Proposed

Change Order Number	07
Time Extension Required	No
Date Of Change Order	10/20/2025
Change Order Amount To Date	Increase

Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$1,816,582.46
Net Approved COs	\$0.00
Remaining After Approved COs	\$1,816,582.46
Net All COs	\$40,432.93
Remaining After All COs	\$1,776,149.53

This Requested Change Order Amount \$51,862.00

+/-

Change In A/E Fee This Change Order \$2,593.10

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$1,776,149.53

Balance

Contract Change Requested By General Contractor

Contract Change Reason Code Found Condition

Change Order Description And Justification

This Change Order covers work to address unsuitable soils and subsurface water found below the building pad. Work was observed and quantified by the district's Special Inspector (UES) and contract unit prices were utilized.

Cost Benefit To Owner

Work had to be done prior to foundations being placed.

Contract unit prices have been utilized Yes
to support the cost associated with this
change order.

Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which
separates labor, material, profit and overhead.

Detail Item	Amount	Percent of Total
Labor	\$25,931.00	50.00%
Materials	\$25,931.00	50.00%
Profit and Overhead		0.00%
Bond Insurance		0.00%
Cost Breakdown Total:	\$51,862.00	

Cost for this Change Order supported No
by an alternate bid or competitive price
quote

Explain Why

Contract unity prices were utilized for this Change Order.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 63452)


Architect

10-14-2025

Date

N/A

Construction Manager

Date


Finance Officer

10-14-2025

Date

Local Board of Education Designee

10-20-2025

Date

Change Order Request 6 - PCO #12 - Owner Allowance 2b Overages

845-- Bullitt Central High School Physical Science Center

10/10/2025



Summary of work

Owner Allowance 2b Overages

Scope - Subcontractor	Description	Cost
		\$27,980.00
<hr/>		
o Sitework - JR ==>	BCHS Undercut Backfill: Bldg Pad at Annex 9/26; Bldg Pad 9/2 ==>	\$70,050.00
o Owner Allow #2-Unsuitable Soils under paved areas back fill ==>	==>	(\$52,064.00)
o CCS Unit Prices ==>	==>	\$9,994.00
Sub Total:		\$27,980.00
Fee:		\$0.00
Total		\$27,980.00

Approved By: _____

Date: _____

Submitted By: Calhoun _____

Date: 10/10/2025 _____

Allowance Spending Summary - BCHS Physical Science
Center (Fieldhouse)
845 - BCHS Fieldhouse
10/10/2025



Summary of Work

Owner Allow #2b: Unsuitable under paved areas back fill Allowance Overages

Scope - Subcontractor	Description of Scope	Cost
		\$80,044.00
1	JR Contracting ==> Undercut/Backfill L Shaped area in bldg pad & annex ==>	\$58,350.00
	Calhoun Contract Unit Prices ==> Undercut/Backfill L Shaped area in bldg pad & annex ==>	\$8,325.00
2	JR Contracting ==> Building Pad Undercut 9/2 ==>	\$11,700.00
	Calhoun Contract Unit Prices ==> Building Pad Undercut 9/2 ==>	\$1,669.00
	Owner Allowance #2b Remaining Balance ==>	(\$52,064.00)

Overage Total \$27,980.00



Site Work ♦ Demolition ♦ Athletic Fields ♦ Design/Builds

JR Contracting, Inc.P.O. Box 2817
Clarksville, IN 47131
812-968-4797

Change Order

Project Bullitt Central Physical Science**Client** Calhoun**scope** Undercut building pad between the annex building and main building**Weather** Sunny hot dry**Date** 09 / 26 / 25**Day** Friday

Employee	Hours	Rate	Total	Employee	Hours	Rate	Total
			\$0.00				\$0.00
			\$0.00				\$0.00
		0					0
			\$0.00				\$0.00
			\$0.00				\$0.00

Total Labor \$0.00

Equipment	Rent	Own	Hours	Rate	Total
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00

Total Equipment \$0.00

Trucking	Rent	Own	Loads	Hours	Rate	Total
	<input checked="" type="radio"/>	<input type="radio"/>				0
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00

Total Trucking \$0.00

Materials	Supplier	Amount	Unit	Rate	Total
Soil undercut		778	CY	\$30.00	\$23,340.00
6" minus stone		778	CY	\$45.00	\$35,010.00
					\$0.00
					\$0.00
					\$0.00
					\$0.00

Total Material \$58,350.00**Subtotal \$58,350.00****O/P 0% \$0.00****Grand Total \$58,350.00****Summary**

Undercut L shaped area in building pad and annex building as identified and recommended by UES in an email dated 9-19-25. Area was excavated on 9-19-25. The 6" minus stone was placed on 9-26-25

[40' x 66' x 4.5'] = 440 CY and [52' x 39' x 4.5'] = 338 CY

1263.40 Tons of 6" minus were placed in total

Calhoun Contract Unit Price:

Unit Price #5 - Stone @ \$51.70/CY = \$40,223

Unit Price #11 - Excavation @\$34/CY = \$26,452

Total = \$66,675

Diff = \$8,325.00

Authorization**Date**

UNIT PRICES:

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

A maximum of 40 unit prices will be acceptable with each bid. Do not add supplemental sheets for unit pricing to this document.

The bidder shall submit the list of unit prices 1-hour after the Bid.

	WORK (to be filled out by the Architect)	PRICE / UNIT (to be filled out by the Contractor)	UNIT
1.	Soil excavation below building foundations / Trench excavation	\$45/CY - Trench \$23/CY - Mass	C.Y.
2.	Mass Soil excavation below slab on grade	\$34.10/CY	C.Y.
3.	Rock excavation below building foundations / Trench excavation	\$357.50/CY - Trench \$250/CY - Mass	C.Y.
4.	A. FROM SITE - Engineered soil fill, compacted per specifications. B. IMPORTED - Engineered soil fill, compacted per specifications.	\$15.40/CY \$33/CY	C.Y. C.Y.
5.	Engineered crushed stone fill, consolidated and installed per specifications	\$51.70/CY	C.Y.
6.	Flowable fill concrete fill, with no reinforcing	\$333/CY	C.Y.
7.	Reinforced concrete walks and slabs, 4" thick with compacted sub-base	\$87/SY	S.Y.
8.	Reinforced concrete walks and slabs, 6" thick with compacted sub-base	\$108/SY	S.Y.
9.	8" HDPE Pipe, Installed,	\$41.80/LF	L.F.
10.	Asphalt Paving, per inch of thickness	\$8.80/SY	S.Y.
11.	Additional Excavation – General Site	\$34/CY	C.Y.
12.	4" CMU 6" CMU 8" CMU (reinforced) 12" CMU (reinforced)	\$26.40/SF \$33/SF \$35.20/SF \$38.50/SF	S.F. S.F. S.F. S.F.
13.	Structural Steel (weight less than 20 lbs/ft) (weight more than or equal to 20 lbs/ft)	\$4.40/LB \$5.23/LB	LB. LB.
14.	4'-0" High Chain Link Fence 6'-0" High Chain Link Fence	\$25.93/LF \$47/LF	L.F. L.F.
15.	4'-0 Wide Chain Link Gate w/ Hardware 8'-0 Wide Chain Link Gate w/ Hardware 13'-0 Wide Chain Link Gate w/ Hardware	\$1473/EA \$2066/EA \$2600/EA	EA. EA. EA.
16.	8'-0" Decorative Steel Fence	\$138.35/LF	L.F.
17.	4'-0 Wide Decorative Steel Gate w/ Hardware 8'-0 Wide Decorative Steel Gate w/ Hardware 13'-0	\$3236/EA \$2646/EA	EA. EA.

Lyons, Tonya

From: Barry Bishop <Bbishop@teamues.com>
Sent: Monday, September 22, 2025 3:33 PM
To: Lyons, Tonya; Sam Scudder; Cate Noble Ward; Andy Barger; Amy Hagan; Robin Mills; Ben Dorsey
Cc: Pittard, Joel; Barger, Brent; Joe Diekmann; Goad, Grant; Roth, Tony
Subject: Re: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Categories: Fieldhouse BCHS-Allowances

Yes mam.

Thanks,

Barry F. Bishop, PE
Lexington Branch Manager

858 Contract Street
Lexington, Kentucky 40505
Email: bbishop@teamues.com
Cell: [859.489.3296](tel:859.489.3296)
Direct: [859.705.0913](tel:859.705.0913)
Office: [859.309.6021](tel:859.309.6021)

Formerly Consulting Services Incorporated (CSI)

From: Lyons, Tonya <TonyaLyons@calhounconstructs.com>
Sent: Monday, September 22, 2025 1:44:32 PM
To: Barry Bishop <Bbishop@teamues.com>; Sam Scudder <Sam@jrconstruct4u.com>; Cate Noble Ward <Cate@studiokremer.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>
Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Joe Diekmann <joe@jrconstruct4u.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>; Goad, Grant <grantgoad@calhounconstructs.com>
Subject: RE: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Understood, but is the recommendation to backfill with the rock when we can?

Tonya Lyons
Assistant Project Manager
CALHOUN CONSTRUCTION
1703 South Brook Street
Louisville, KY 40208
Office (502)493-1332
Cell (770)241-9227



From: Barry Bishop <Bbishop@teamues.com>

Sent: Monday, September 22, 2025 1:37 PM

To: Lyons, Tonya <TonyaLyons@calhounconstructs.com>; Sam Scudder <Sam@jrconstruct4u.com>; Cate Noble Ward <Cate@studiokremer.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>

Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Joe Diekmann <joe@jrconstruct4u.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>

Subject: Re: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

If it's raining/wet probably can't place either.

Thanks,

Barry F. Bishop, PE
Lexington Branch Manager

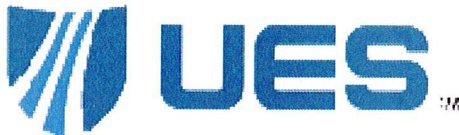
858 Contract Street
Lexington, Kentucky 40505

Email: bbishop@teamues.com
Cell: [859.489.3296](tel:859.489.3296)

Direct: [859.705.0913](tel:859.705.0913)

Office: [859.309.6021](tel:859.309.6021)

Formerly Consulting Services Incorporated (CSI)



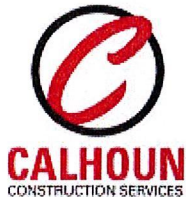
From: Lyons, Tonya <TonyaLyons@calhounconstructs.com>
Sent: Monday, September 22, 2025 1:33 PM
To: Sam Scudder <Sam@jrconstruct4u.com>; Barry Bishop <Bbishop@teamues.com>; Cate Noble Ward <Cate@studiokremer.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>
Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Joe Diekmann <joe@jrconstruct4u.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>
Subject: RE: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Barry... given that we're already at approximately 4.5', do we go back with the rock, per your recommendation below?

Please confirm.

Thanks,

Tonya Lyons
Assistant Project Manager
CALHOUN CONSTRUCTION
1703 South Brook Street
Louisville, KY 40208
Office (502)493-1332
Cell (770)241-9227



From: Sam Scudder <Sam@jrconstruct4u.com>
Sent: Monday, September 22, 2025 12:56 PM
To: Barry Bishop <Bbishop@teamues.com>; Cate Noble Ward <Cate@studiokremer.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>
Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Lyons, Tonya <TonyaLyons@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Joe Diekmann <joe@jrconstruct4u.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>
Subject: RE: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

All-

For clarity, I have attached a marked up drawing of the identified area. It spans between the fieldhouse, the breezeway, and annex building. As of COB Friday, the area was undercut to an average depth of approx 4.5'. No backfill material has been placed due to the ongoing rain.

Sam Scudder
Project Manager



JR Contracting, Inc.
P.O Box 2817
Clarksville, IN 47131
C|513-237-4074
O|812-968-4797
Sam@jrconstruct4u.com

From: Barry Bishop <Bbishop@teamues.com>

Sent: Friday, September 19, 2025 1:55 PM

To: Sam Scudder <Sam@jrconstruct4u.com>; Cate Noble Ward <Cate@studiokremer.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>

Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Lyons, Tonya <tonyalyons@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Joe Diekmann <joe@jrconstruct4u.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>

Subject: Re: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Cate,

Got another call from Calhoun. The area in the building pad that was failing proofroll yesterday was undercut to -3'. Our field technician stated that his probe rod still penetrated to the handle with very little applied pressure and was not ready to have new fill placed. We recommend either continuing the excavation (which could extend to bedrock) till a suitable bearing soil is observed then placing controlled fill (i.e. - soil) -OR- placing a layer of geogrid (HX-145) and 3' of 6" minus stone (in 8" lifts) to the original elevation. Let me know if you have any questions.

Thanks,

Barry F. Bishop, PE
Lexington Branch Manager

858 Contract Street
Lexington, Kentucky 40505
Email: bbishop@teamues.com
Cell: [859.489.3296](tel:859.489.3296)
Direct: [859.705.0913](tel:859.705.0913)
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Site Work ♦ Demolition ♦ Athletic Fields ♦ Design/Builds

JR Contracting, Inc.P.O. Box 2817
Clarksville, IN 47131
812-968-4797**Change Order****Project** Bullitt Central Physical Science**Client** Calhoun**Scope** Place 6- minus stone in building pad undercut.**Weather** Sunny hot dry**Date** 09 / 02 / 25**Day** Tuesday ▼

Employee	Hours	Rate	Total	Employee	Hours	Rate	Total
			\$0.00				\$0.00
			\$0.00				\$0.00
		0					0
			\$0.00				\$0.00
			\$0.00				\$0.00

Total Labor \$0.00

Equipment	Rent	Own	Hours	Rate	Total
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00

Total Equipment \$0.00

Trucking	Rent	Own	Loads	Hours	Rate	Total
	<input checked="" type="radio"/>	<input type="radio"/>				0
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00

Total Trucking \$0.00

Materials	Supplier	Amount	Unit	Rate	Total
Soil Undercut		156	CY	\$30.00	\$4,680.00
Agg. Replacement		156	CY	\$45.00	\$7,020.00
					\$0.00
					\$0.00
					\$0.00

Total Material \$11,700.00**Subtotal \$11,700.00****O/P 0% \$0.00****Grand Total \$11,700.00****Summary**

Undercut building pad as documented by UES on 8-29-25.

One area identified (triangle)

77' x 53' x 53' x 3' deep = 156 CY

Calhoun Contract Unit Price:

Unit Price #5 - Stone @ \$51.70/CY = \$8,065

Unit Price #11 - Excavation @\$34/CY = \$5,304

Total = \$13,369

Diff = \$1,669.00

Authorization**Date**

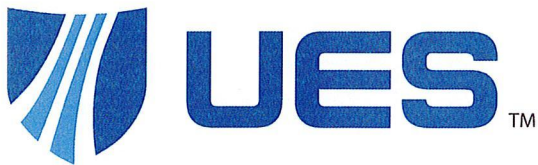
UNIT PRICES:

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

A maximum of 40 unit prices will be acceptable with each bid. Do not add supplemental sheets for unit pricing to this document.

The bidder shall submit the list of unit prices 1-hour after the Bid.

	<u>WORK</u> (to be filled out by the Architect)	<u>PRICE / UNIT</u> (to be filled out by the Contractor)	<u>UNIT</u>
1.	Soil excavation below building foundations / Trench excavation	\$45/CY - Trench \$23/CY - Mass	C.Y.
2.	Mass Soil excavation below slab on grade	\$34.10/CY	C.Y.
3.	Rock excavation below building foundations / Trench excavation	\$357.50/CY - Trench \$250/CY - Mass	C.Y.
4.	A. FROM SITE - Engineered soil fill, compacted per specifications. B. IMPORTED - Engineered soil fill, compacted per specifications.	\$15.40/CY \$33/CY	C.Y. C.Y.
5.	Engineered crushed stone fill, consolidated and installed per specifications	\$51.70/CY	C.Y.
6.	Flowable fill concrete fill, with no reinforcing	\$333/CY	C.Y.
7.	Reinforced concrete walks and slabs, 4" thick with compacted sub-base	\$87/SY	S.Y.
8.	Reinforced concrete walks and slabs, 6" thick with compacted sub-base	\$108/SY	S.Y.
9.	8" HDPE Pipe, Installed,	\$41.80/LF	L.F.
10.	Asphalt Paving, per inch of thickness	\$8.80/SY	S.Y.
11.	Additional Excavation – General Site	\$34/CY	C.Y.
12.	4" CMU 6" CMU 8" CMU (reinforced) 12" CMU (reinforced)	\$26.40/SF \$33/SF \$35.20/SF \$38.50/SF	S.F. S.F. S.F. S.F.
13.	Structural Steel (weight less than 20 lbs/ft) (weight more than or equal to 20 lbs/ft)	\$4.40/LB \$5.23/LB	LB. LB.
14.	4'-0" High Chain Link Fence 6'-0" High Chain Link Fence	\$25.93/LF \$47/LF	L.F. L.F.
15.	4'-0 Wide Chain Link Gate w/ Hardware 8'-0 Wide Chain Link Gate w/ Hardware 13'-0 Wide Chain Link Gate w/ Hardware	\$1473/EA \$2066/EA \$2600/EA	EA. EA. EA.
16.	8'-0" Decorative Steel Fence	\$138.35/LF	L.F.
17.	4'-0 Wide Decorative Steel Gate w/ Hardware 8'-0 Wide Decorative Steel Gate w/ Hardware 13'-0	\$3236/EA \$2646/EA	EA. EA.



Date: 08/29/2025
Client: Bullitt County Public Schools
Project: A25132.00186.000
Bullitt County Athletics Phase 3
Shepherdsville, KY

Daily Field Report

Contractor: Calhoun Construction Services

Plans By: Studio Kramer Architects

Site Contact: Brent Barger

Plans Dated:

Temperature/Weather: 64°F Sunny

Arrival: 07:00 **Departure:** 15:30 **Travel (hrs):** 3 **Office/Lab (hrs):** 0.5 **Total (hrs):** 12.00

Item(s) Observed:	Undercut area	In General Conformance
	Subgrade Evaluation	In General Conformance

Location and Description of Observation(s):

This report is in regards to work completed on Bullitt Central High School project site

A UES Representative arrived on site as requested by Calhoun Construction Services to perform Special Inspection Services in accordance with KBC Chapter 17, specifically 1705.6 on Soil construction. While on site, the UES Representative met with Mr. Brent Barger, of Calhoun Construction Services, and Andy of JR Contracting.

UES observed placement of soil fill for the Access Roadway.

JR Contracting obtained fill from the Bullitt East High School project site. Fill was transported to the placement location using tri-axle dump trucks and a Komatsu D61pxi Dozer. The fill was placed in 8 inch loose lifts. The area where work was being completed is highlighted in Figure #1. A compactive effort was applied using a Sheepsfoot roller. UES observed that the fill was placed in general accordance with the approved plans and specifications. Observed a proofroll of the referenced area performed with a fully loaded tri-axle dump truck. Rutting and subgrade deflections appeared to be less than one inch, and the subgrade rebounded back to its original position after the wheel load passed.

While on site, UES also observed a 3 ft undercut in the Building Pad. The area was highlighted in blue in figure 2 with measurements of 77ftx53ftx53ft. The area was triangle shaped and the three measurements were of the sides. Base on the calculations, total volume of material removed was approximately 155.8 cubic yards.

Observations, test results and any discrepancies were reviewed with Mr. Brent Barger, of Calhoun Construction Services, and Andy, of JR Contracting.

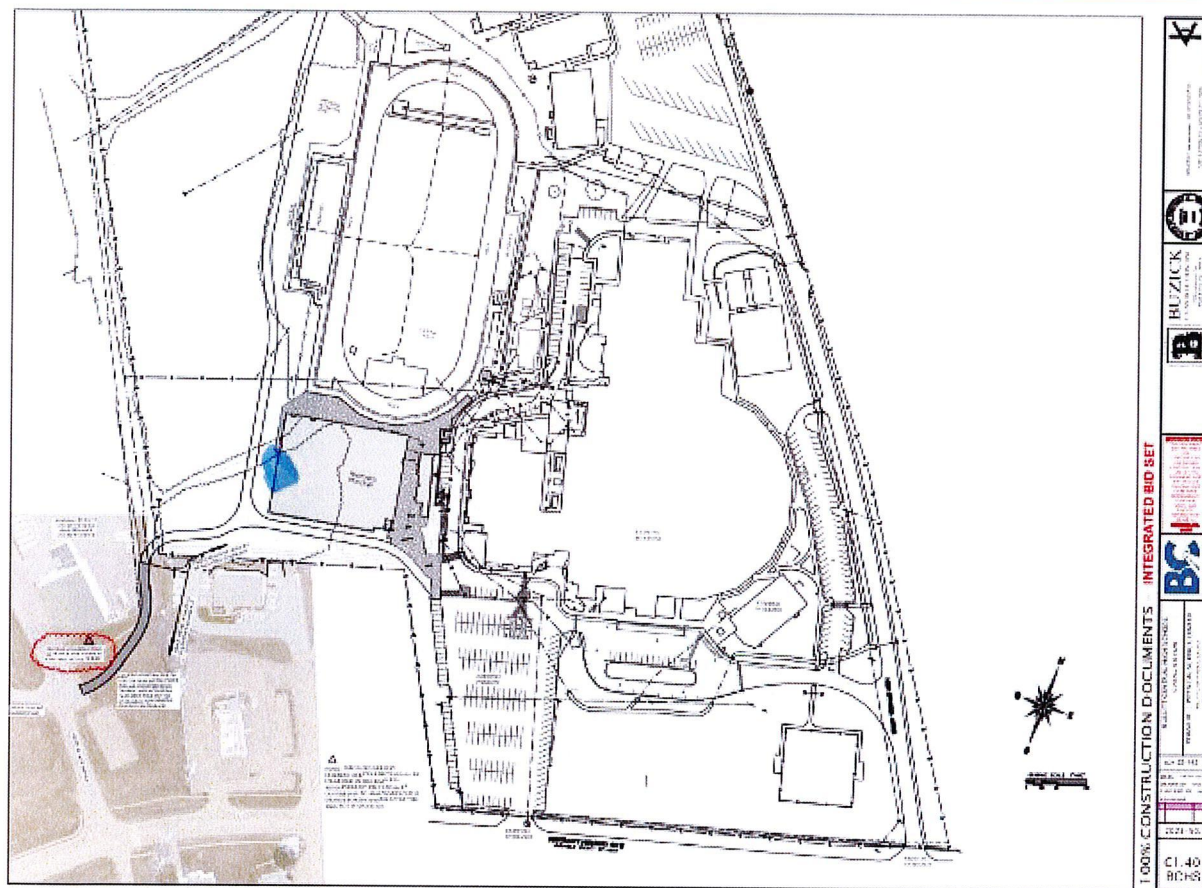


Figure #2: Area of Observation; Undercut area



Photo #1: View of undercut excavation.



Photo #2: Overview of undercut area



Photo#3: View of fill placement.



Photo #4: View of truck utilized in subgrade evaluation.



Photo #5: View of fill material compaction.

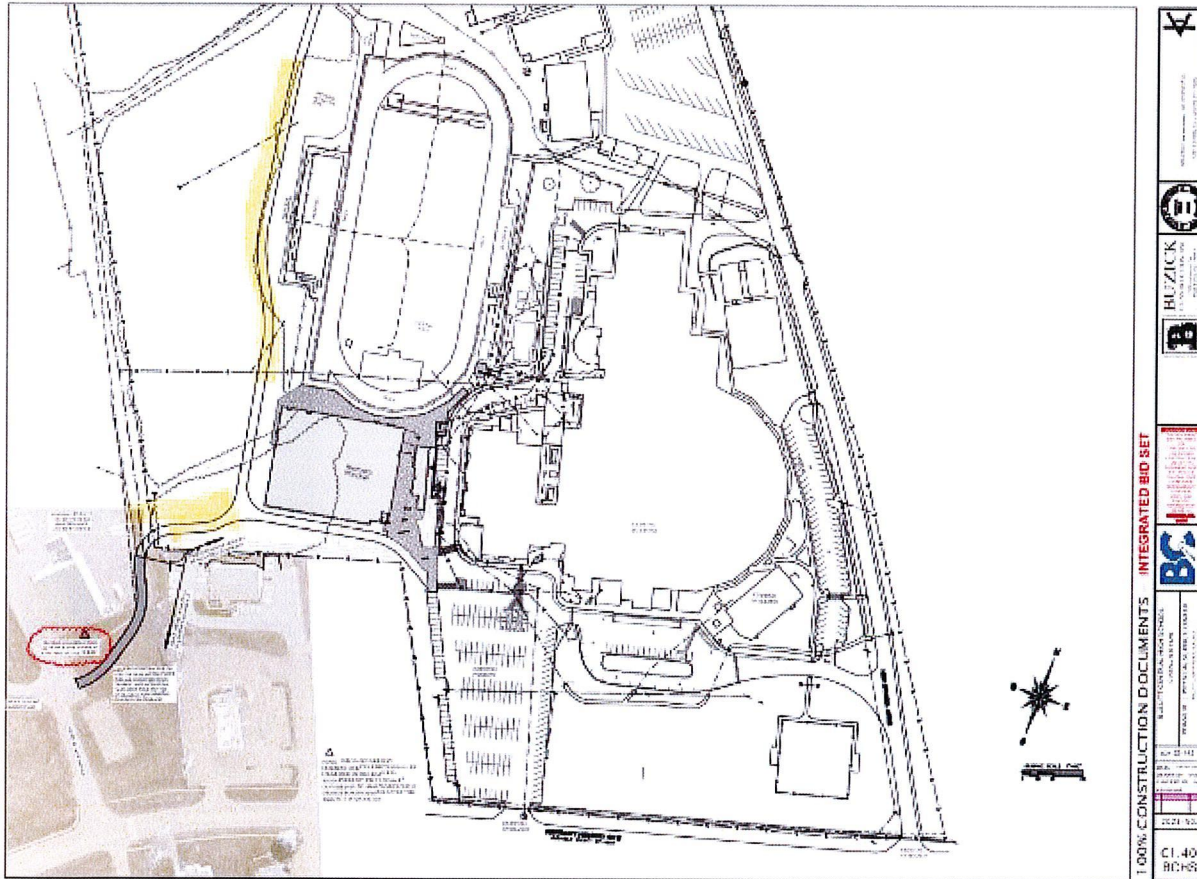


Figure #1: Area of Observation; Fill placement

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.

UES Representative: JESSE (JESSE) DYKES

Signed: *Jesse Dykes*

CC: Sam Scudder (JR Contracting, Inc.) (e)
 Brent Barger (Calhoun Construction Services) (e)
 Robin Mills (Buzick) (e)
 Stephen Thompson (Brown and Kubican) (e)
 Tonya Lyons (Calhoun Construction Services) (e)

Joe Diekmann (JR Contracting, Inc.) (e)
 Cate Noble Ward (Studio Kremer) (e)
 Joel Pittard (Calhoun Construction Services) (e)
 Sam Clinard (Brown and Kubican) (e)
 Amy Hagan (Brown and Kubican) (e)

Notice: The UES representative is on site solely to observe specific operations and report opinions to our client. The presence and activities of the UES 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.

Change Order Request 8 - PCO #13 - Ground Water Remediation French Drain

845-- Bullitt Central High School Physical Science Center

10/10/2025



Summary of work

Ground Water Remediation French Drain

Scope - Subcontractor	Description	Cost
		\$23,882.00
<hr/>		
o Sitework - JR ==>	Ground Water Remediation French Drain ==>	\$21,100.00
o CCS Unit Prices ==>		\$2,782.00
Sub Total:		\$23,882.00
Fee:		\$0.00
Total		\$23,882.00

Approved By: _____

Date: _____

Submitted By: Calhoun _____

Date: 10/10/2025 _____



Site Work ♦ Demolition ♦ Athletic Fields ♦ Design/Builds

JR Contracting, Inc.P.O. Box 2817
Clarksville, IN 47131
812-968-4797**Change Order****Project** Bullitt Central Physical Science**Client** Calhoun**Scope** Undercut and install french drain in building pad**Weather** Sunny hot dry**Date** 09 / 29 / 25**Day** Monday

Employee	Hours	Rate	Total	Employee	Hours	Rate	Total
Foreman	9		\$0.00	Laborer	9		\$0.00
Operator	9		\$0.00	Laborer	9		\$0.00
Operator	9		\$0.00	Operator	10		\$0.00
Operator	9		\$0.00				\$0.00
Operator	9		\$0.00				\$0.00

Total Labor \$0.00

Equipment	Rent	Own	Hours	Rate	Total
PC 490	<input type="radio"/>	<input checked="" type="radio"/>	8		\$0.00
PC210i	<input type="radio"/>	<input checked="" type="radio"/>	8		\$0.00
D61pxi	<input type="radio"/>	<input checked="" type="radio"/>	9		\$0.00
Cat off-road truck	<input type="radio"/>	<input checked="" type="radio"/>	8		\$0.00
Sheepfoot roller	<input type="radio"/>	<input checked="" type="radio"/>	9		\$0.00
SVL97	<input type="radio"/>	<input checked="" type="radio"/>	8		\$0.00
	<input type="radio"/>	<input checked="" type="radio"/>			\$0.00

Total Equipment \$0.00

Trucking	Rent	Own	Loads	Hours	Rate	Total
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00
	<input checked="" type="radio"/>	<input type="radio"/>				\$0.00

Calhoun Contracted Pricing:**Unit Price #11 Excavation @ \$34/CY = \$8,840****Unit Price #5 Stone @ \$51.70/CY = \$13,442****+ Fabric \$1,600****Total = \$23,882.00****Diff = \$2,782.00****Total Trucking \$0.00**

Materials	Supplier	Amount	Unit	Rate	Total
Soil excavation		260	CY	\$30.00	\$7,800.00
Crushed Stone Fill		260	CY	\$45.00	\$11,700.00
Fabric		4	EA	\$400.00	\$1,600.00
					\$0.00
					\$0.00
					\$0.00

Total Material \$21,100.00**Subtotal \$21,100.00****O/P 0% \$0.00****Grand Total \$21,100.00****Summary**

Removed muck and organic material in existing ditch.

Excavated to bedrock.

Placed fabric and #57 stone as recommended by the design team. Fabric fully encased #57 stone before placing soil fill to design subgrade.

Approximate dimensions 190' long x 10' wide x 3.7' deep = 260 CY

Authorization**Date**

UNIT PRICES:

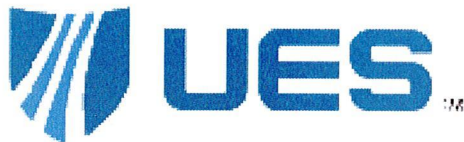
Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

A maximum of 40 unit prices will be acceptable with each bid. Do not add supplemental sheets for unit pricing to this document.

The bidder shall submit the list of unit prices 1-hour after the Bid.

	WORK (to be filled out by the Architect)	PRICE / UNIT (to be filled out by the Contractor)	UNIT
1.	Soil excavation below building foundations / Trench excavation	\$45/CY - Trench \$23/CY - Mass	C.Y.
2.	Mass Soil excavation below slab on grade	\$34.10/CY	C.Y.
3.	Rock excavation below building foundations / Trench excavation	\$357.50/CY - Trench \$250/CY - Mass	C.Y.
4.	A. FROM SITE - Engineered soil fill, compacted per specifications. B. IMPORTED - Engineered soil fill, compacted per specifications.	\$15.40/CY \$33/CY	C.Y. C.Y.
5.	Engineered crushed stone fill, consolidated and installed per specifications	\$51.70/CY	C.Y.
6.	Flowable fill concrete fill, with no reinforcing	\$333/CY	C.Y.
7.	Reinforced concrete walks and slabs, 4" thick with compacted sub-base	\$87/SY	S.Y.
8.	Reinforced concrete walks and slabs, 6" thick with compacted sub-base	\$108/SY	S.Y.
9.	8" HDPE Pipe, Installed,	\$41.80/LF	L.F.
10.	Asphalt Paving, per inch of thickness	\$8.80/SY	S.Y.
11.	Additional Excavation – General Site	\$34/CY	C.Y.
12.	4" CMU 6" CMU 8" CMU (reinforced) 12" CMU (reinforced)	\$26.40/SF \$33/SF \$35.20/SF \$38.50/SF	S.F. S.F. S.F. S.F.
13.	Structural Steel (weight less than 20 lbs/ft) (weight more than or equal to 20 lbs/ft)	\$4.40/LB \$5.23/LB	LB. LB.
14.	4'-0" High Chain Link Fence 6'-0" High Chain Link Fence	\$25.93/LF \$47/LF	L.F. L.F.
15.	4'-0 Wide Chain Link Gate w/ Hardware 8'-0 Wide Chain Link Gate w/ Hardware 13'-0 Wide Chain Link Gate w/ Hardware	\$1473/EA \$2066/EA \$2600/EA	EA. EA. EA.
16.	8'-0" Decorative Steel Fence	\$138.35/LF	L.F.
17.	4'-0 Wide Decorative Steel Gate w/ Hardware 8'-0 Wide Decorative Steel Gate w/ Hardware 13'-0	\$3236/EA \$2646/EA	EA. EA.

Formerly Consulting Services Incorporated (CSI)



From: Sam Scudder <Sam@jrconstruct4u.com>

Sent: Friday, September 19, 2025 9:03 AM

To: Cate Noble Ward <Cate@studiokremer.com>; Barry Bishop <Bbishop@teamues.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>

Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Lyons, Tonya <tonyalyons@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Joe Diekmann <joe@jrconstruct4u.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>

Subject: RE: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Barry/Cate- Thank you for the timely turnaround on this item. JR will begin this work today.

I've provided top of stone elevation in blue. The bedrock elevation cannot be measured yet, but is assumed to be approximately 458.00'.

The top of the #57's will be placed to 461.70 to mitigate hydrostatic pressure on the soil within the building pad footprint. See attached markup for French drain exhibit

Sam Scudder

Project Manager



JR Contracting, Inc.

P.O Box 2817

Clarksville, IN 47131

C|513-237-4074

O|812-968-4797

Sam@jrconstruct4u.com

From: Cate Noble Ward <Cate@studiokremer.com>

Sent: Friday, September 19, 2025 8:12 AM

To: Barry Bishop <Bbishop@teamues.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin

Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>; Sam Scudder <Sam@jrconstruct4u.com>
Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Lyons, Tonya <tonyal Lyons@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>

Subject: RE: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Thank you, Barry – I appreciate the follow up.

JR (@Sam Scudder) – As I understand it, several elevations were going to be obtained to determine the depth of the stone fill needed at bedrock to obtain a positive slope of this rock drain system. Can you provide the following to this group please? See aerial photo below. If other elevations should be shared with this group, please add more.

Buzick (@Robin Mills) – If you need other elevations relative to outlets at the detention pond, please add those requests here. A PDF of this aerial is attached for shared use.



Cate Noble Ward, AIA, LEED AP
Architect | Partner



studio **kremer** architects

1231 S Shelby St. Louisville KY 40203

TEL 502.499.1100 x2583

FAX 502.499.1101

studiokremer.com

From: Barry Bishop <Bbishop@teamues.com>

Sent: Friday, September 19, 2025 8:02 AM

To: Cate Noble Ward <Cate@studiokremer.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>

Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Lyons, Tonya <tonyal Lyons@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Sam Scudder <sam@jrconstruct4u.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>

Subject: Re: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Cate,

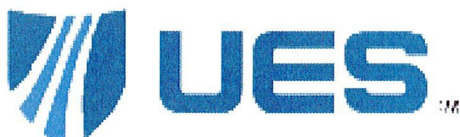
We believe this approach to draining groundwater is acceptable. A few comments, we understand that the drain will lie on the existing bedrock surface. It should be buried deep in the fill and not be close (greater than 6 to 7 feet) to subgrade. As you suggested it is imperative that the drain is wrapped with filter fabric such that fines within the subgrade do not migrate into the drain. If you have any additional comments, or questions please let me know.

Thanks,

Barry F. Bishop, PE
Lexington Branch Manager

858 Contract Street
Lexington, Kentucky 40505
Email: bbishop@teamues.com
Cell: [859.489.3296](tel:859.489.3296)
Direct: [859.705.0913](tel:859.705.0913)
Office: [859.309.6021](tel:859.309.6021)

Formerly Consulting Services Incorporated (CSI)



From: Cate Noble Ward <Cate@studiokremer.com>

Sent: Thursday, September 18, 2025 10:17 AM

To: Barry Bishop <bbishop@teamues.com>; Andy Barger <abarger@bkse.net>; Amy Hagan <ahagan@bkse.net>; Robin Mills <rmills@teambuzick.com>; Ben Dorsey <bdorsey@teamues.com>

Cc: Pittard, Joel <joelpittard@calhounconstructs.com>; Lyons, Tonya <tonyal Lyons@calhounconstructs.com>; Barger, Brent <brentbarger@calhounconstructs.com>; Goad, Grant <grantgoad@calhounconstructs.com>; Sam Scudder <sam@jrconstruct4u.com>; Roth, Tony <tony.roth@bullitt.kyschools.us>

Subject: Bullitt Central Physical Science Center - Ground Water Proposed Remediation

Hello Barry/Ben (UES), Andy/Amy (B+K), and Robin (Buzick),

I was on site today with Buzick, Calhoun and JR representatives to review the ground water at Bullitt Central's PSC where an existing headwall will be removed. Photos of what I observed today are attached for reference.

Buzick and JR discussed a proposed idea to mitigate the potential hydrostatic pressure below the building due to groundwater perched on top of bedrock. The proposal is the addition of a 12"-36" depth of #57s / Stone with filter fabric that is 36" width which routes the groundwater to the new, designed storm system. A schematic of this routing is attached and copied below my signature. After placement of this stone, the remaining soil fill would be placed to bring the building pad up to subgrade based on UES recommendations. The reasoning for this proposed idea is to provide a subsurface outlet that would allow ground water to flow down to a designed storm system via the voids of the stone, in essence French drain without the pipe. The blue arrows indicate the assumed path groundwater would flow to the design storm system.

The intent of this email is to bring the entire design, construction, and special inspections team up to date on this discussion. Here's what I need from the following groups before work can proceed:

1. **UES** – Please review this suggested idea. Does this pose any issues relative to structural fill under a new building?
 - a. Please note, the depth of the stone would be determined by the elevations of the outlet structures of the detention basin. Buzick/JR are reviewing existing elevations of rock relative to designed outlets. I noted this on the attached PDF.
2. **B+K** – Does B+K take issue with this proposed idea below the building? This stone path for groundwater relief would be approximately 10'-0" below Finished Floor.

Thank you,

Cate Noble Ward, AIA, LEED AP

Architect | Partner



studio kremer architects

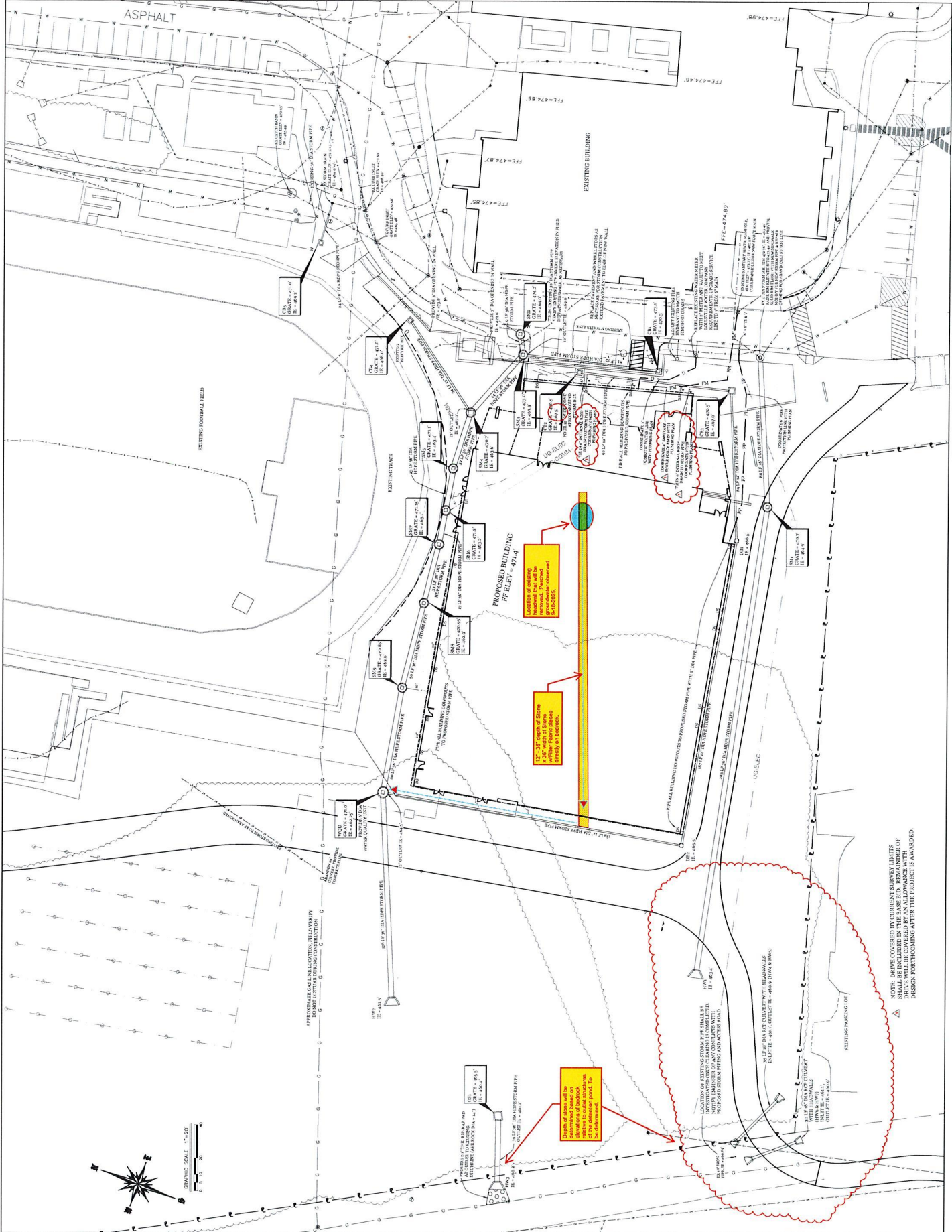
1231 S Shelby St, Louisville KY 40203

TEL 502.499.1100 x2583

FAX 502.499.1101

studiokremer.com

100% CONSTRUCTION DOCUMENTS - INTEGRATED BID SET



NOTE: DRIVE COVERED BY CURRENT SURFACE LANTS
DRIVE WILL BE COVERED BY AN ALLOWANCE WITH
DESIGN FORTHCOMING AFTER THE PROJECT IS AWARDED.