

DEPARTMENT OF FACILITIES

MEMO

TO: Dr. Jesse Bacon, Superintendent

FROM: Danny Clemens, Director of Facilities

Date: September 27, 2024

RE: Phase II Athletics – Baseball/Softball Fields - Change Order 02 – Bullitt Central Site Revisions **DC**

This Change Order includes site revisions requested and proposed to date at Bullitt Central. Change Order Requests include:

- 1.) COR-01 RFI #3 New Storm Line BCHS - Additional storm pipe was required to connect storm piping to the adjacent storm system on the transportation site. Contract Unit Prices were used to price the added storm.
- 2.) COR-04 BCHS RFP-3 Civil Revisions - Due to grading and retaining wall elevation conflicts, the ambulance entrance to the baseball field was redesigned to work with the grades - a concrete paving deduct was provided and additional asphalt and grading added.
- 3.) COR-05 BCHS Earthen Swales - RFP-3 - Swales were added at the outfields at the Softball and Baseball Fields to improve drainage.
- 4.) COR-07 BCHS Plumbing Fixture Demo - Plumbing demolition was needed to allow for installation of new electrical control panels. New restrooms are being provided to replace the existing ones per the design.
- 5.) COR-09 BCHS Temp Shoring at Dugouts - When the quartz top was removed at the softball field dugouts it was discovered the steel post that was the main support at the opening had been cut at the wall, shoring was required that had not been assumed because it was assumed the post could remain in place and support the dugouts that would remain.
- 6.) COR-10-RFP 03 BCHS - Site Revisions (Sewage Ejector Pump Credit) - A Drainage structure was added to support the new softball swale at the new parking lot entrance,

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BULLITT COUNTY PUBLIC SCHOOLS IS AN EQUAL EDUCATION AND EMPLOYMENT INSTITUTION

and the sewer ejector pump could be omitted relative to sanitary line grades. This COR includes a credit for the omission of the pump.

Work can commence with trades already on site and avoid the added cost of mobilization and general conditions. Also, there are credits for Work that will be omitted from the Contract. Contract Unit Prices were used for tabulation of costs where applicable.

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

- *G701-2017 - Change Order 02 - Bullitt Central Site Revisions - for Board Signature*
- *FACPAC FORM - Change Order 02 - Bullitt Central Site Revisions - for Board Signature*
 - *COR-01 RFI #3 New Storm Line BCHS - No action – for Board Reference.*
 - *COR-04 BCHS RFP-3 Civil Revisions - No action – for Board Reference.*
 - *COR-05 BCHS Earthen Swales - RFP-3 - No action – for Board Reference.*
 - *COR-07 BCHS Plumbing Fixture Demo - No action – for Board Reference.*
 - *COR-09 BCHS Temp Shoring at Dugouts - No action – for Board Reference.*
 - *COR-10 BCHS RFP-3 Civil Revisions - No action – for Board Reference.*

I recommend approval of this request.



AIA®

Document G701® – 2017

Change Order

PROJECT: *(Name and address)*
BCPS - Phase II Athletics - Bid Package
No. 1 - Baseball and Softball
Bullitt County, Kentucky

CONTRACT INFORMATION:
Contract For: General Construction

Date: July 29, 2024

CHANGE ORDER INFORMATION:
Change Order Number: 002

Date: September 30, 2024

OWNER: *(Name and address)*

Bullitt County Public Schools Board of
Education

ARCHITECT: *(Name and address)*
Studio Kremer Architects, Inc.

CONTRACTOR: *(Name and address)*
Calhoun Construction Services, Inc.

1040 Hwy 44 East
Shepherdsville, KY 40165

1231 S. Shelby Street
Louisville, KY 40203

7707 National Turnpike
Louisville, Kentucky 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 #1,4,5,7,9 and 10 and RFP #03 for scope of Work included in this Change Order.

| | |
|--|------------------|
| The original Contract Sum was | \$ 18,661,831.00 |
| The net change by previously authorized Change Orders | \$ 337,000.00 |
| The Contract Sum prior to this Change Order was | \$ 18,998,831.00 |
| The Contract Sum will be increased by this Change Order in the amount of | \$ 18,552.00 |
| The new Contract Sum including this Change Order will be | \$ 19,017,383.00 |

The Contract Time will be unchanged by Zero (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.

Studio Kremer Architects, Inc.

Calhoun Construction Services, Inc.

Bullitt County Public Schools Board of
Education

ARCHITECT *(Firm name)*

CONTRACTOR *(Firm name)*

OWNER *(Firm name)*

SIGNATURE

SIGNATURE

SIGNATURE

Catherine Noble Ward, AIA

PRINTED NAME AND TITLE

Joel Pittard, Project Manager

PRINTED NAME AND TITLE

Dr. Jesse Bacon, Superintendent

PRINTED NAME AND TITLE

9-27-2024

DATE

9-27-2024

DATE

DATE

FACPAC Contract Change Order Supplemental Information Form (Ref# 60904)

Form Status: Saved

Tier 1 Project: Phase 2 Athletics and Fieldhouses

BG Number: 24-192

Status: Active

District: Bullitt County (HB678) (071)

Phase: Project Initiation (View Checklist)

Contract: Calhoun Construction Services , 0001, Baseball and Softball Field Improvements -
General Construction

Type: General Contractor

Proposed

| | |
|-----------------------------|-----------|
| Change Order Number | 02 |
| Time Extension Required | No |
| Date Of Change Order | 9/30/2024 |
| 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 | \$2,902,495.13 |
| Net Approved COs | \$0.00 |
| Remaining After Approved COs | \$2,902,495.13 |
| Net All COs | \$355,552.00 |
| Remaining After All COs | \$2,546,943.13 |

This Requested Change Order Amount \$18,552.00

+/-

Change In A/E Fee This Change Order \$0.00

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$2,546,943.13

Balance

Contract Change Requested By

Architect/Engineer; General Contractor

Contract Change Reason Code

Found Condition; Improved Plans/Specs; Reduction of Scope

Change Order Description And Justification

This Change Order includes site revisions requested and proposed to date at Bullitt Central.

Change Order Requests include:

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- 2.) COR-04 BCHS RFP-3 Civil Revisions - Due to grading and retaining wall elevation conflicts, the ambulance entrance to the baseball field was redesigned to work with the grades - a concrete paving deduct was provided and additional asphalt and grading added.
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- 5.) COR-09 BCHS Temp Shoring at Dugouts - When the quartz top was removed at the softball field dugouts it was discovered the steel post that was the main support at the opening had been cut at the wall, shoring was required that had not been assumed because it was assumed the post could remain in place and support the dugouts that would remain.
- 6.) COR-10-RFP 03 BCHS - Site Revisions (Sewage Ejector Pump Credit) - A Drainage structure was added to support the new softball swale at the new parking lot entrance, and the sewer ejector pump could be omitted relative to sanitary line grades. This COR includes a credit for the omission of the pump.

Cost Benefit To Owner

Work can commence with trades already on site and avoid the added cost of mobilization and general conditions. Also, there are credits for Work that will be omitted from the Contract. Contract Unit Prices were used for tabulation of costs where applicable.

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 | \$17,385.40 | 93.71% |
| Materials | \$19.00 | 0.10% |
| Profit and Overhead | \$1,208.60 | 6.51% |
| Bond Insurance | (\$61.00) | -0.33% |
| Cost Breakdown Total: | \$18,552.00 | |

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

Explain Why

Work can commence with trades already on site and maintain the current Construction
Schedule.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 60904)

Catherine N. Ward

Architect

9-27-2024

Date

N/A

Construction Manager

Date

Lisa Lewis

Finance Officer

9-27-24

Date

Local Board of Education Designee

Date

Change Order Request 1 - PCO #3 - BCHS Added new storm pipe

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

8/29/2024 2:56:53 PM



Summary of work

BCHS Added new storm pipe

| Scope - Subcontractor | Description | Cost |
|--|-------------|-------------|
| | | \$16,170.00 |
| o Site Work - JR Contracting ==> RFI #3 - Added new storm pipe at BCHS ==> | | \$15,430.00 |
| o Calhoun Contracted Unit Price ==> ==> | | \$740.00 |

Sub Total: \$16,170.00

Fee: \$0.00

| | |
|--------------|--------------------|
| Total | \$16,170.00 |
|--------------|--------------------|

Approved By: _____

Date: _____

Submitted By: Calhoun

Date: **8/29/2024**





Change Order

Project Bullet Central ballfields
Scope RFI 3 response - additional storm pipe
Weather

Client Calhoun

Date 08 / 29 / 24

Day Thursday

| 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 |
|---------------|----------|--------|------|------------|-------------|
| 12" pipe | | 210 | LF | \$63.00 | \$13,230.00 |
| Storm Manhole | | 1 | EA | \$2,200.00 | \$2,200.00 |
| | | | | | \$0.00 |
| | | | | | \$0.00 |
| | | | | | \$0.00 |

Total Material \$15,430.00

Subtotal \$15,430.00
O/P 0% \$0.00
Grand Total \$15,430.00

Summary

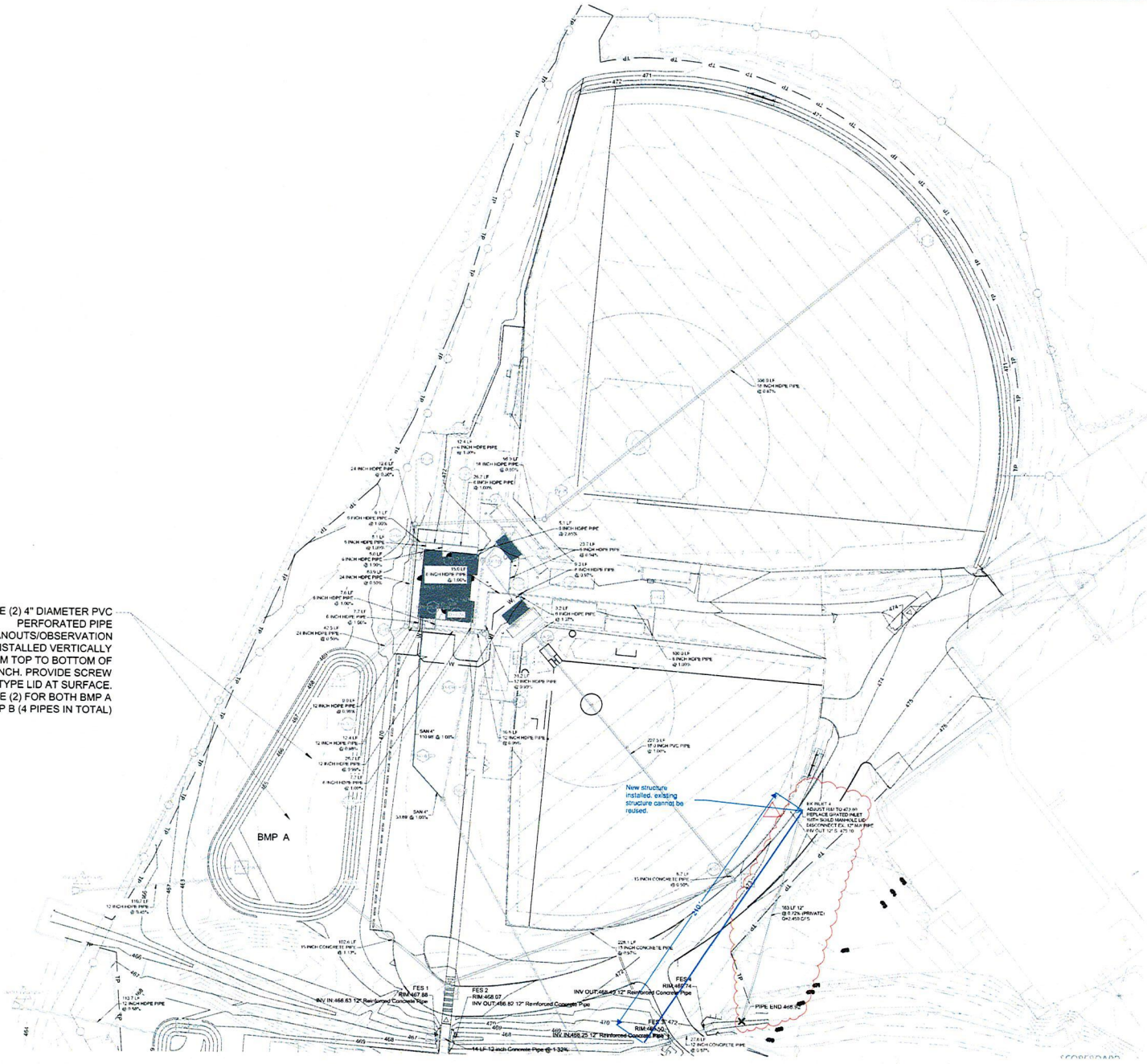
Additional 12" storm pipe per RFI 3 response. Route of pipe has been adjusted to avoid additional tree clearing and moving Clahoun jobsite trailer.

Calhoun contracted Unit Pricing:
12" Pipe \$66/LF = \$13,860
Storm Manhole \$2310/EA = \$2310
Calhoun COR = \$16,170

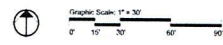
Authorization

Date

PROVIDE (2) 4" DIAMETER PVC PERFORATED PIPE CLEANOUTS/OBSERVATION PIPES INSTALLED VERTICALLY FROM TOP TO BOTTOM OF TRENCH. PROVIDE SCREW TYPE LID AT SURFACE. PROVIDE (2) FOR BOTH BMP A & BMP B (4 PIPES IN TOTAL)



A BULLITT CENTRAL ATHLETIC FIELDS - DRAINAGE AND UTILITIES PLAN
SCALE: 1"=30'



CONSTRUCTION DOCUMENTS - ESI #1

BULLITT CENTRAL ATHLETIC FIELDS - DRAINAGE & UTILITY PLAN
PHASE 7 ATHLETICS AND FIELD HOUSE
BULLITT CENTRAL, NORTH BULLITT, BULLITT EAST HIGH SCHOOLS
BULLITT COUNTY PUBLIC SCHOOLS
RUE DRUMMOND ST. MT. WASHINGTON, A. HERBORN, KENTUCKY

BC# 24-192
DATE: 06/26/2020
DRAWN BY: REP, M
CHECKED BY: P
REVISIONS:
ESI-1 06/20/2024

2023-50
C1.23
BCHS

DESIGN
110 E. Market St.
New Albany, IN 47156
T. 502.717.1007

STATE OF KENTUCKY
REGISTERED PROFESSIONAL ENGINEER
13115 S. Long St., Louisville, KY 40203
No. 502.485.1100 Fax 502.485.1101

BC
BULLITT COUNTY PUBLIC SCHOOLS

| | <u>WORK</u> (to be filled out by the Architect) | <u>PRICE / UNIT</u> (to be filled out by the Contractor) | <u>UNIT</u> |
|-----|---|---|-------------|
| 18. | #10 THHW/THWN Conductors | 6.00 | L.F. |
| 19. | #8 THHW/THWN Conductors | 8.50 | L.F. |
| 20. | 1" schedule 40 PVC buried with trench @24" and backfilled | 115.50 | L.F. |
| 21. | OL2 Area Light Fixture and Pole Base | 7,350.00 | EA |
| 22. | 1" RMC Raceway | 15.00 | L.F. |
| 23. | RCP 12" | 66.00 | L.F. |
| | RCP 36" | 212.00 | L.F. |
| | RCP 42" | 294.00 | L.F. |
| 24. | Storm Headwall & Flared End Sections | 3,780.00 | EA |
| 25. | Inlets 4x4 | 3,570.00 | EA |
| 26. | Stormwater Manhole | 2,310.00 | EA |
| 27. | Sanitary Manhole | 2,310.00 | EA |
| 28. | 8" PVC – Sanitary | 40.00 | L.F. |
| 29. | Outlet control structures for Stormwater BMPs | 3,465.00 | EA |
| 30. | | | |
| 31. | | | |
| 32. | | | |
| 33. | | | |
| 35. | | | |
| 36. | | | |
| 37. | | | |
| 38. | | | |
| 39. | | | |
| 40. | | | |

Note: Backbox and conduit stubouts ARE separate from individual line items and shall not be included in "installed" electrical unit prices.

Change Order Request 4 - PCO #9 - BCHS Ambulance Access Road

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

9/13/2024



Summary of work

BCHS Ambulance Access Road - RFP-3 Civil Revisions

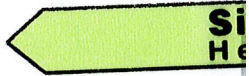
| Scope - Subcontractor | Description | Cost |
|--|---------------------------------------|-------------------|
| | | \$8,575.00 |
| o Concrete, Footers/Foundations/Slabs - CCS Concrete ==> | BCHS RFP-3 Civil Revisions Deduct ==> | (\$8,700.00) |
| o Site Work - JR Contracting ==> | BCHS Ambulance Access Roadway ==> | \$16,249.00 |
| o Calhoun Contracted Unit Prices ==> | | \$1,026.00 |
| | Sub Total: | \$8,575.00 |
| | Fee: | \$0.00 |
| | Total | \$8,575.00 |

Approved By: _____

Date: _____

Submitted By: Calhoun

Date: 9/13/2024



Bullitt Central RFP #3 drawing change
JR Contracting Cost summary

| Sheet | Item | Units | JR Cost | |
|-------|--|-------|---------|--------------------|
| C1.12 | Ambulance Access Roadway | | | |
| | Baseball ambulance enterance - Curb LF | 169 | \$26.00 | \$4,394.00 |
| | Baseball ambulance enterance - Asphalt SY, 4" thick | 224 | \$28.80 | \$6,451.20 |
| | Baseball ambulance enterance - DGA base CY | 50 | \$43.60 | \$2,180.00 |
| | Stripe and cross hatch | | | \$1,275.00 |
| | Ambulance Roadway increase in size- Base stone, DGA CY | 11 | \$43.60 | \$479.60 |
| | Ambulance Roadway increase in size- Asphalt SY, 4" thick | 51 | \$28.80 | \$1,468.80 |
| | lump sum | | | \$16,248.60 |
| | | | | \$16,248.60 |

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 | 20.00 | C.Y. |
| 2. | Mass Soil excavation below slab on grade | 32.00 | C.Y. |
| 3. | Rock excavation below building foundations / Trench excavation | 250.00 - Trench rock 378.00 - Mass rock | C.Y. |
| 4. | A. FROM SITE - Engineered soil fill, compacted per specifications. | 23.00 | C.Y. |
| | B. IMPORTED - Engineered soil fill, compacted per specifications. | 38.50 | C.Y. |
| 5. | Engineered crushed stone fill, consolidated and installed per specifications | 46.00 | C.Y. |
| 6. | Flowable fill concrete fill, with no reinforcing | 180.00 | C.Y. |
| 7. | Reinforced concrete walks and slabs, 4" thick with compacted sub-base | 95.50 | S.Y. |
| 8. | Reinforced concrete walks and slabs, 6" thick with compacted sub-base | 106.00 | S.Y. |
| 9. | 8" HDPE Pipe, Installed, | 40.00 | L.F. |
| 10. | Asphalt Paving, per inch of thickness | 8.00 | S.Y. |
| 11. | Additional Excavation – General Site | 32.00 | C.Y. |
| 12. | Structural Steel (weight less than 20 lbs/ft) | 5.00 | LB. |
| | (weight more than or equal to 20 lbs/ft) | 4.50 | LB. |
| 13. | 8" CMU (reinforced) | 36.00 | S.F. |
| | 12" CMU (reinforced) | 37.00 | S.F. |
| 14. | 4'-0" High Chain Link Fence | 43.00 | L.F. |
| | 6'-0" High Chain Link Fence | 45.50 | L.F. |
| 15. | 4'-0 Wide Chain Link Gate w/ Hardware | 1,187.00 | EA. |
| | 8'-0 Wide Chain Link Gate w/ Hardware | 1,873.00 | EA. |
| | 13'-0 Wide Chain Link Gate w/ Hardware | 2,000.00 | EA. |
| 16. | 8'-0" Decorative Steel Fence | 148.00 | L.F. |
| 17. | 4'-0 Wide Decorative Steel Gate w/ Hardware | 1,557.00 | EA. |
| | 8'-0 Wide Decorative Steel Gate w/ Hardware | 3,114.00 | EA. |

REQUEST FOR PROPOSAL

| | | | |
|----------------|--|---------------------------|---|
| PROJECT: | Phase II Athletics - Bid Package No. 1 Baseball and Softball Fields Bullitt County Public Schools | REQUEST FOR PROPOSAL NO.: | 03 |
| OWNER: | Bullitt County Public Schools 1040 Highway 44 East Shepherdsville, KY 40165 | DATE: | 9-Sep-2024 |
| TO CONTRACTOR: | Calhoun Construction Services, Inc. 7707 National Turnpike Louisville, KY 40218 | ARCHITECT: | Studio Kremer Architects 1231 S Shelby Street Louisville, KY 40203 |
| | | ARCHITECT'S PROJECT NO.: | 2023-50 BG# 24-192 |

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN

Description:

Provide price proposal for the following:

- Item No.1** Revisions are described below and are Clouded with an RFP 03 label.
See Narrative,next page, for revision description.
- Item No.2** All drawings documenting Bullitt Central Work are included here for Construction reference and use.

Attachments:

Revised Drawings: CD1.10; C1.12; C0.03; C1.20; C1.21; C1.23; C1.24; C3.10; C5.00; L1.20 | All Bullitt Central Civil Drawings

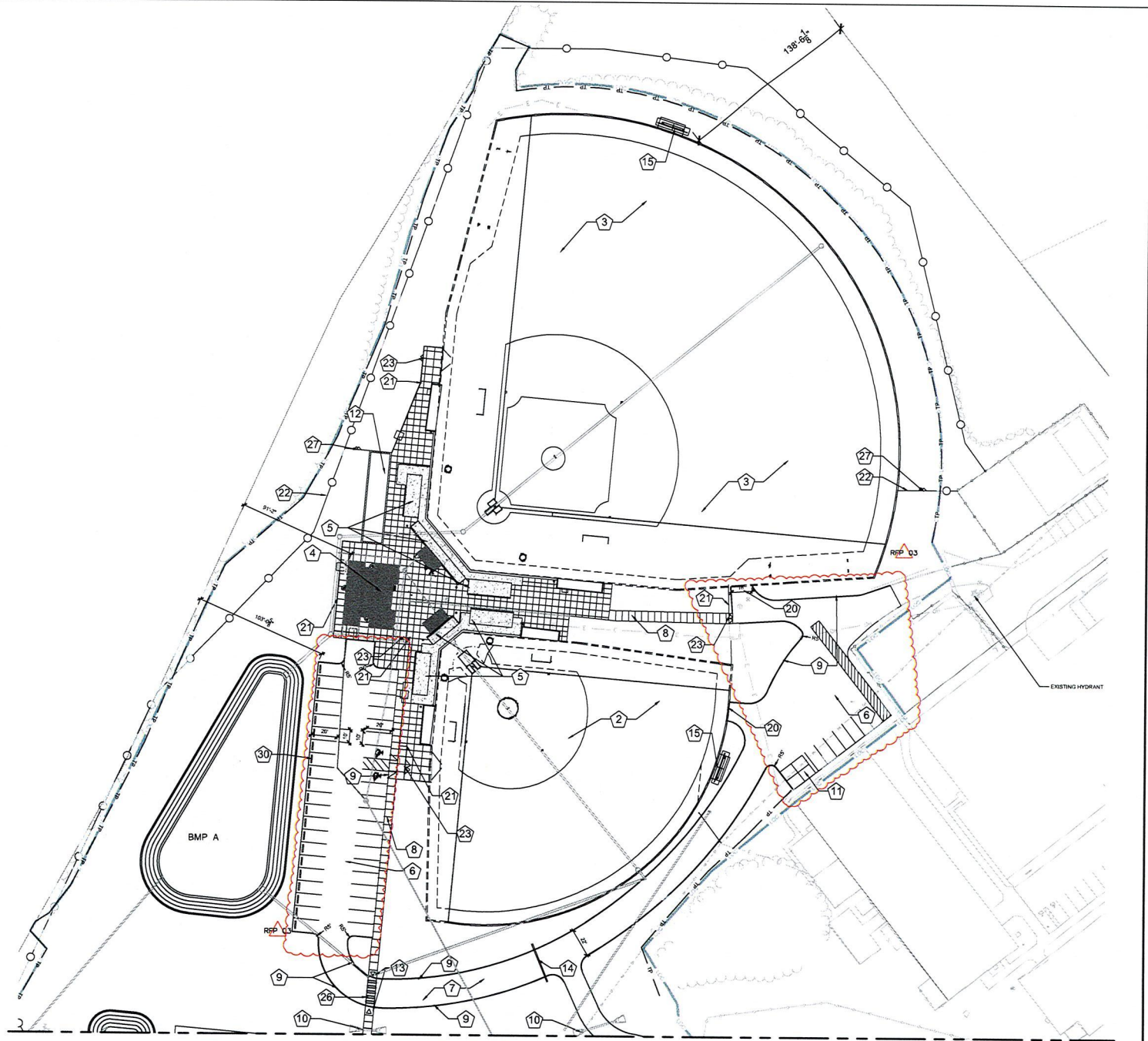
| | | | |
|-------------|--|------------|---------------------------------|
| ISSUED: | 9-Sep-2024 | ARCHITECT: | studio kremer architects |
| CONTRACTOR: | Calhoun Construction Services, Inc. | BY: | Cate Noble Ward, AIA |

CENTRAL BULLITT

- CD1.10: DEMO AND TREE PROTECTION PLAN
 - retaining wall to be demo'ed
 - guard rail to remain
 - storm sewer inlet to remain, adjust to proposed grade, change casting to manhole cover
 - demo headwall and 18" hdpe pipe
 - add sawcut line for parking lot improvements
- C1.12 BCHS LAYOUT PLAN
 - adjust ambulance entrance to baseball field
 - add parking stripping in old parking lot area
 - adjust sod hatch
 - adjust parking lot size – stalls were not correct size
- C0.03 BCHS EPSC PLAN
 - adjust loc and siltation fence
- C1.20 BCHS GRADING PLAN
 - show headwall grading from 2012 survey
 - update grading for new parking lot size and roadway tie ins
- C1.21 BCHS GRADING PLAN
 - create swale between road and the south of the baseball field
 - adjust elevation points at sidewalk crossing the road
 - update grading with annotations for both ambulance entrances
 - create swale along the north east from the edge of baseball field to elevation 469.61
 - pull the swale dividing the site within the limits of the property
- C1.23 BCHS UTILITIES PLAN
 - reroute both bmp discharge pipes
- C1.24 BCHS UTILITIES PLAN
 - create sheet for the bmp discharge pipe locations
 - show the underdrain for the tennis courts
- C3.10 BCHS PIPE PROFILES
 - create profiles for the bmp discharge pipes
 - show the approximate location of the existing 16" water main in the bmp discharge profiles
- C5.00 DETAILS
 - Update to outlet control structures
- L1.20 BCHS PLANTING PLAN
 - Update sod and plantings for parking lot

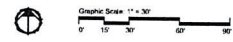
LEGEND

- ① TENNIS COURTS
ASPHALT COURT WITH NON SLIP COURT PAINT. SEE DETAILS C4.50-A-D
- ② SOFTBALL (TURF)
ARTIFICIAL TURF FIELD SURFACE BY OTHERS. SEE GRADING, SEE DETAILS FOR FIELD PROFILE AND SUBDRAINAGE.
- ③ BASEBALL FIELD (TURF)
ARTIFICIAL TURF FIELD SURFACE BY OTHERS. SEE GRADING, SEE DETAILS FOR FIELD PROFILE AND SUBDRAINAGE.
- ④ RESTROOMS, CONCESSIONS AND LOCKER ROO
SEE ARCHITECTURAL
- ⑤ BLEACHERS
NEW BLEACHERS. SEE ARCHITECTURAL AND DETAILS C4.82 E
- ⑥ ASPHALT PARKING LOT
STANDARD VEHICULAR ASPHALT, STRIPING PER PLAN, CONCRETE CURBING ONLY WHERE SHOWN ON PLAN. SEE DETAIL C4.84
- ⑦ ASPHALT ROADWAY
STANDARD VEHICULAR ASPHALT, CONCRETE CURBING ONLY WHERE SHOWN ON PLAN. SEE DETAIL C4.80-J
- ⑧ CONCRETE WALKWAY
STANDARD BRIDGM FINISH, CONCRETE SCORING LAYOUT PER PLAN. SEE DETAIL C4.86-K
- ⑨ CONCRETE CURB
PROVIDE CONCRETE CURB. SEE DETAILS. DETAILS C4.80 D-B
- ⑩ PIPE UNDER WALK
SEE DRAINAGE PLAN
- ⑪ CONCRETE DUMPSTER PAD
SEE DETAIL A, DETAILS C4.80 E
- ⑫ BATING CAGE
1" CONCRETE CURB AND CONCRETE PAD, BY OTHERS.
- ⑬ ADA RAMP
SEE DETAILS C4.80-M
- ⑭ VEHICULAR GATE
STANDARD GALVANIZED STEEL VEHICULAR GATE, WITH PADLOCK POST. SEE DETAIL L4.00 H
- ⑮ SCOREBOARD
SEE ARCHITECTURAL
- ⑯ AMBULANCE ACCESS TO FIELD
DRIVE WIDTH 15', CURB CUT RADIUS MIN 15'
- ⑰ STEEL FENCE
6' TALL. SEE DETAILS L4.81 C AND SPECIFICATIONS
- ⑱ CHAIN LINK FENCE
6' TALL. SEE SPECIFICATIONS
- ⑲ STEEL DOUBLE LEAF GATE
6' TALL, 6' OPENING, CENTER DROP BAR AND PADLOCK CLOSURE. SEE DETAILS L4.81 B AND SPECIFICATIONS
- ⑳ STRIPPED CROSSWALK
PAINTED CROSSWALK. SEE DETAILS.
- ㉑ CHAIN LINK DOUBLE LEAF GATE
6' TALL, 6' OPENING, CENTER DROP BAR AND PADLOCK CLOSURE. SEE SPECIFICATIONS
- ㉒ CHAIN LINK SINGLE LEAF GATE
6' TALL, 6' OPENING SEE SPECIFICATIONS
- ㉓ CHAIN LINK TENNIS COURT FENCE
10' TALL. SEE DETAIL C4.82 B AND SPECIFICATIONS
- ㉔ WHEEL STOP
6' LONG. SEE DETAIL C4.82 F



MATCHLINE - SEE LAYOUT PLAN (C1.11 BCHS)

(A) BULLITT CENTRAL ATHLETIC FIELDS - LAYOUT PLAN
SCALE: 1" = 30'



CONSTRUCTION DOCUMENTS - RFP #3 INTEGRATED CIVIL SET - BULLITT CENTRAL

ARCHITECT
KROEMER ARCHITECTS
1931 S. Shelby St., Louisville, KY 40203
TEL: 502.496.1100 FAX: 502.496.1101

STATE OF KENTUCKY
COUNTY OF BOONE
PLANNING & ZONING
PERSONNEL SIGNATURE

DESIGN
119 E. Market St.
New Albany, IN 47150
1.800.717.1007

BC
BUILDING CONSULTANTS

BULLITT CENTRAL - LAYOUT PLAN
PHASE 2 ATHLETICS AND FIELD HOUSES
BULLITT CENTRAL, NORTH BULLITT, BULLITT EAST HIGH SCHOOLS
BULLITT COUNTY PUBLIC SCHOOLS
SHEPHERDSTVILLE, MT. WASHINGTON & WEBBON, KENTUCKY

BG# 24-192
DATE: 06.28.2024
DRAWN BY: RP, MB
CHECKED BY: PT
REVISIONS:
ESS-1 08.20.2024
RFP-3 09.06.2024

2023-50

C1.12
BCHS

Change Order Request 5 - PCO #10 - BCHS RFP-3 Civil Revisions-Earthen Swales

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

9/13/2024



Summary of work

BCHS RFP-3 Civil Revisions-Earthen Swales

| Scope - Subcontractor | Description | Cost |
|-----------------------|-------------|------------|
| | | \$7,340.00 |

o Site Work - JR Contracting ==> BCHS RFP-3 Civil Revisions - Earthen Swales ==> \$7,340.00

Sub Total: \$7,340.00

Mark Up: \$734.00

Fee: \$81.00

Total \$8,155.00

Approved By: _____

Date: _____

Submitted By: Calhoun

Date: 9/13/2024



Bullitt Central RFP #3 drawing change
JR Contracting Cost summary

| Sheet | Item | Units | JR Cost |
|-------|-------------------------------------|----------|-------------------|
| C1.21 | Regrade road and parking lot | | |
| | Earthen swale - baseball | lump sum | \$4,100.00 |
| | Earthen swale - softball | lump sum | \$3,240.00 |
| | | | <hr/> |
| | | | \$7,340.00 |

REQUEST FOR PROPOSAL

| | | | |
|----------------|--|---------------------------|---|
| PROJECT: | Phase II Athletics - Bid Package No. 1 Baseball and Softball Fields Bullitt County Public Schools | REQUEST FOR PROPOSAL NO.: | 03 |
| OWNER: | Bullitt County Public Schools 1040 Highway 44 East Shepherdsville, KY 40165 | DATE: | 9-Sep-2024 |
| TO CONTRACTOR: | Calhoun Construction Services, Inc. 7707 National Turnpike Louisville, KY 40218 | ARCHITECT: | Studio Kremer Architects 1231 S Shelby Street Louisville, KY 40203 |
| | | ARCHITECT'S PROJECT NO.: | 2023-50 BG# 24-192 |

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN

Description:

Provide price proposal for the following:

- Item No.1** Revisions are described below and are Clouded with an RFP 03 label.
See Narrative,next page, for revision description.
- Item No.2** All drawings documenting Bullitt Central Work are included here for Construction reference and use.

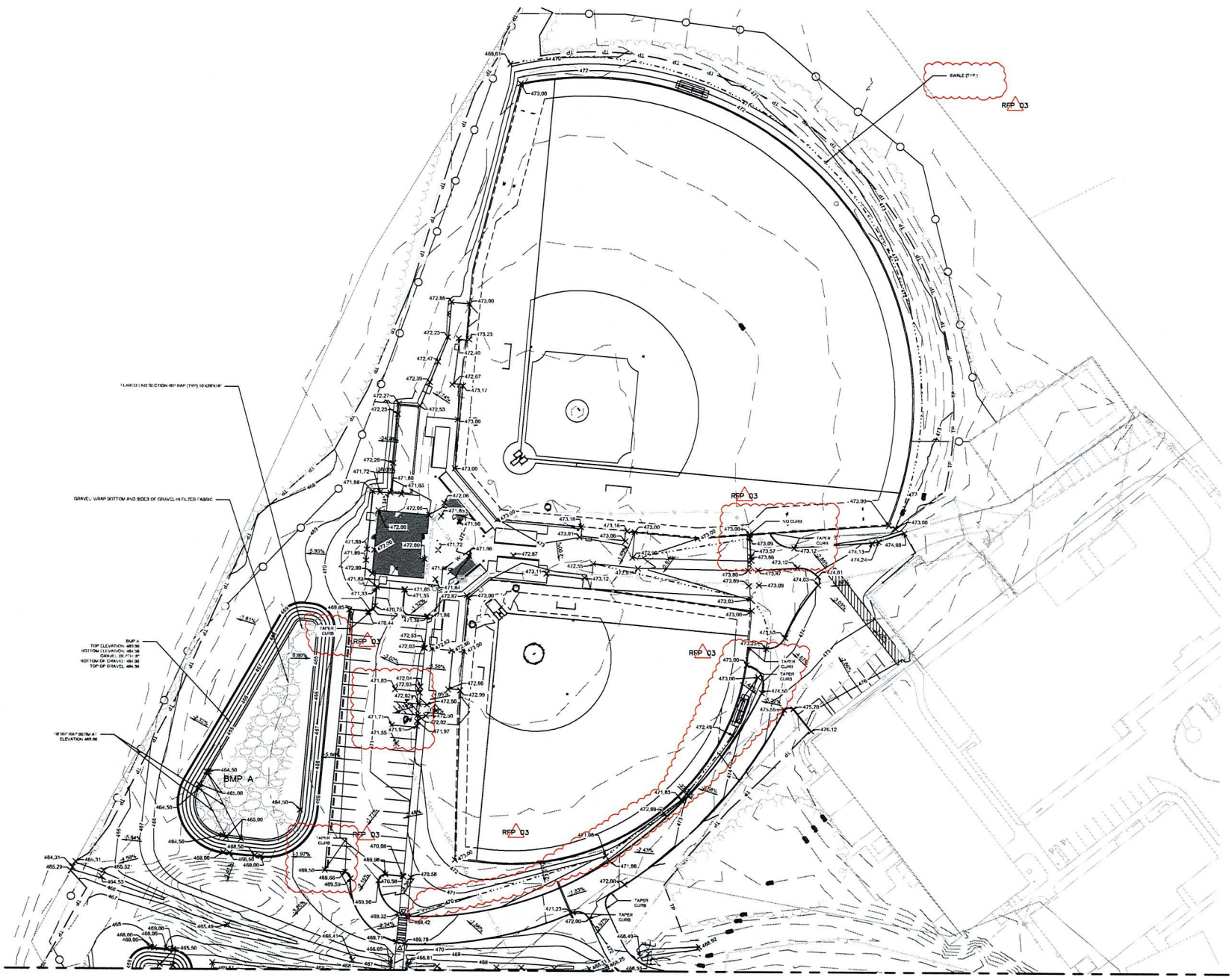
Attachments:

Revised Drawings: CD1.10; C1.12; C0.03; C1.20; C1.21; C1.23; C1.24; C3.10; C5.00; L1.20 | All Bullitt Central Civil Drawings

| | | | |
|-------------|--|------------|---------------------------------|
| ISSUED: | 9-Sep-2024 | ARCHITECT: | studio kremer architects |
| CONTRACTOR: | Calhoun Construction Services, Inc. | BY: | Cate Noble Ward, AIA |

CENTRAL BULLITT

- CD1.10: DEMO AND TREE PROTECTION PLAN
 - retaining wall to be demo'ed
 - guard rail to remain
 - storm sewer inlet to remain, adjust to proposed grade, change casting to manhole cover
 - demo headwall and 18" hdpe pipe
 - add sawcut line for parking lot improvements
- C1.12 BCHS LAYOUT PLAN
 - adjust ambulance entrance to baseball field
 - add parking stripping in old parking lot area
 - adjust sod hatch
 - adjust parking lot size – stalls were not correct size
- C0.03 BCHS EPSC PLAN
 - adjust loc and siltation fence
- C1.20 BCHS GRADING PLAN
 - show headwall grading from 2012 survey
 - update grading for new parking lot size and roadway tie ins
- C1.21 BCHS GRADING PLAN
 - create swale between road and the south of the baseball field
 - adjust elevation points at sidewalk crossing the road
 - update grading with annotations for both ambulance entrances
 - create swale along the north east from the edge of baseball field to elevation 469.61
 - pull the swale dividing the site within the limits of the property
- C1.23 BCHS UTILITIES PLAN
 - reroute both bmp discharge pipes
- C1.24 BCHS UTILITIES PLAN
 - create sheet for the bmp discharge pipe locations
 - show the underdrain for the tennis courts
- C3.10 BCHS PIPE PROFILES
 - create profiles for the bmp discharge pipes
 - show the approximate location of the existing 16" water main in the bmp discharge profiles
- C5.00 DETAILS
 - Update to outlet control structures
- L1.20 BCHS PLANTING PLAN
 - Update sod and plantings for parking lot



A BULLITT CENTRAL ATHLETIC FIELDS - GRADING PLAN
SCALE 1"=30'



CONSTRUCTION DOCUMENTS - RFP #3 INTEGRATED CIVIL SET - BULLITT CENTRAL

BULLITT CENTRAL ATHLETIC FIELDS - GRADING PLAN
 PHASE 2 ATHLETICS AND FIELD HOUSES
 BULLITT CENTRAL, NORTH BULLITT, BULLITT EAST HIGH SCHOOLS
 BULLITT COUNTY PUBLIC SCHOOLS
 SHEPHERDSTVILLE, MT WASHINGTON & HERRON, KENTUCKY

BG# 24-192
 DATE: 06.28.2024
 DRAWN BY: RP, ME
 CHECKED BY: PI
 REVISIONS
 ESH: 06/20/2024
 RFP: 06/06/2024

2023-50

**C1.21
BCHS**



Daniel W. Bledsoe, P.E.
 1201 S. 50th St., Louisville, KY 40203
 TEL: 502.498.1199 FAX: 502.498.1101



Change Order Request 7 - PCO #16 - BCHS Plumbing Demo

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

9/18/2024



Summary of work

BCHS Plumbing Demo

| Scope - Subcontractor | Description | Cost |
|-----------------------|-------------|------------|
| | | \$1,734.00 |

o HVAC - Lusk ==> BCHS Existing Plumbing Fixture Demo ==> \$1,734.00

Sub Total: \$1,734.00

Mark Up: \$173.40

Fee: \$19.00

Total \$1,926

Approved By: _____

Submitted By: Calhoun

Date: _____

Date: 9/18/2024





The Lusk Group

820 S. Dixie Hwy., Muldraugh, KY 40155
Tel (502) 942-6966 Fax (502) 942-6964

September 16, 2024
Project: Bullitt County Baseball Field Improvements
Change Order Request #1
Attn: Joel Pittard

Please find our change order request below to demo the existing plumbing fixtures inside the existing restrooms with door labels 408.1 and 408.2 as requested by Mr. Grant Goad.

\$1,734.20 Total Change Order Request

Clarification:

All plumbing pipes are to be capped on the finish side of the block wall. No work behind the block wall is included.

Please advise if additional information is required.
Respectfully submitted,

Jeremy Hester
Project Manager / Estimator
Lusk Mechanical Contractors Inc.
Cell 270-272-8010
Office 502-942-6966

Lyons, Tonya

From: Cate Noble Ward <Cate@studiokremer.com>
Sent: Friday, August 30, 2024 8:57 AM
To: Goad, Grant
Cc: Lyons, Tonya; Pittard, Joel; Ryan Harvey; Scott Balch; twessling@cmta.com; Thompson Burry; Jeremy Lewis; Rick Barstow; Aaron Weyer
Subject: BCPS Baseball/Softball - Existing Bullitt Central Restrooms Scope Clarification
Categories: BCPS - BP-1 Ball Fields

Grant,

To follow up on our phone call today here are the clarifications on scope you requested:

At the Existing Baseball Restrooms - Bullitt Central

- Existing Hose Bib on exterior of building to be repaired per Narrative on G1.41 BCCHS
- No New Walls to be constructed inside restroom. Walls shown as new with CMU hatch to be shown gray on A1.41 BCCHS. Will be corrected on Integrated Bid Set.
- New Room Lighting, and Electrical/Technology Panel Work shown on E1.2 BCCHS and E2.2 BCCHS respectively.
 - Demolition of Existing Plumbing Fixtures inside existing restrooms rooms with door labels 408.1 and 408.2 will be required. Existing Plumbing Lines to be Cut and Capped.

At Existing Dugouts at Bullitt Central Baseball and Softball Field

- Relative to this note shown on G1.41 BCCHS: "DEMOLISH FRONT 12" OF CONCRETE SLAB ON GRADE ENTIRE LENGTH OF FRONT OF DUGOUT -PROVIDE NEW 12" WIDE X 18" DEEP CONCRETE CURB FOR INSTALLATION OF NEW FENCING BY TURF COOP AGREEMENT. REFER TO STRUCTUREA DETAIL D/S3.2 FOR NEW TURN DOWN DETAIL.
 - Concrete Slab Demolition and Installation of New Concrete is by General Contractor per this note (I am correcting my statement on the phone where I said this work is by Motz, it will be by Calhoun based on Documentation).
 - As we discussed – the curb detail can be modified IF Motz will verify the existing dugout slab will meet their fencing warranty requirements. SKA will need to review the finished condition of the slab to confirm slab can be reused once dugout wall is removed I have looped in Rick and Aaron with Motz to let them know SKA/Calhoun/Motz will be reviewing these existing Bullitt Central Dugouts to confirm final concrete turn down details relative to the new fence installation.

I can add these clarifications to an official RFI on Procore if needed.

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

Change Order Request 9 - PCO #18 - BCHS Dugout Temp Shoring

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

9/18/2024



Summary of work

BCHS Dugout Temp Shoring

| Scope - Subcontractor | Description | Cost |
|-----------------------|-------------|------------|
| | | \$2,285.00 |

o Temporary Construction ==> BCHS Temp Shoring at Dugouts ==> \$2,285.00

Sub Total: \$2,285.00

Mark Up: \$228.50

Fee: \$25.00

Total \$2,539

Approved By: _____

Submitted By: Calhoun

Date: _____

Date: _____



Lyons, Tonya

From: Ron Butler <rbutler@insulationsolutions.org>
Sent: Wednesday, September 18, 2024 3:22 PM
To: Lyons, Tonya
Cc: Jessica Cranmer
Subject: RE: Bullitt Central High School Shoring

Hi Tonya,
I can send a formal Invoice but the total is \$2,285. Thanks

From: Lyons, Tonya <TonyaLyons@calhounconstructs.com>
Sent: Wednesday, September 18, 2024 12:01 PM
To: Ron Butler <rbutler@insulationsolutions.org>
Subject: Bullitt Central High School Shoring

Hi Ron,

Can you please send me your pricing for the added shoring at the (2) dugouts at Bullitt Central? I'm trying to get our changes in for review before end of day tomorrow. An email would be fine.

Thanks,

Tonya Lyons

Assistant Project Manager

CALHOUN CONSTRUCTION

7707 National Turnpike, Suite 400

Louisville, KY 40214

Office (502)493-1332

Cell (770)241-9227





RFI #13: BCBS Softball Dugout CMU Wall Supports

| | | | |
|------------------------|--|------------------------|---|
| Status | Closed on 09/12/24 | | |
| To | Cate Noble Ward (Studio Kremer Architects) | From | Tonya Lyons (Calhoun Construction Services) 7707 National Turnpike, #400 Louisville, Kentucky 40214 |
| Date Initiated | Sep 9, 2024 | Due Date | Sep 11, 2024 |
| Location | | Project Stage | |
| Cost Impact | | Schedule Impact | |
| Spec Section | | Cost Code | |
| Drawing Number | | Reference | |
| Linked Drawings | | | |
| Received From | Grant Goad (Calhoun Construction Services) | | |
| Copies To | Zach Bridwell (Independent Steel), Blu Fleener (Calhoun Construction Services), Grant Goad (Calhoun Construction Services), Joel Pittard (Calhoun Construction Services), Sarah Vanderside (Calhoun Construction Services) | | |

Activity

Question

Question from Tonya Lyons Calhoun Construction Services on Monday, Sep 9, 2024 at 10:41 AM EDT

The structural support post for the softball field dugouts are sitting on top of the CMU wall. It looks like they have been cut to fit. We are supposed to demo the CMU wall. Please advise on how to provide support after demo of the CMU wall.

Attachments

[IMG_0544.jpg](#), [IMG_0546.jpg](#)

Official Response

Response from Tonya Lyons Calhoun Construction Services on Thursday, Sep 12, 2024 at 11:34 AM EDT

Zach... please see official response and provide pricing for the pipe posts needed at the (2) Softball field dugouts. Sarah/Blu... copying you so you are aware of the concrete slab notation.

Official Response

Response from Cate Noble Ward Studio Kremer Architects on Thursday, Sep 12, 2024 at 08:55 AM EDT

Per discussion on site after 9-11-2024 Progress Meeting - Pipe post will be replaced at the two softball field dugouts. Proceed with demolition of the CMU half wall and provide shoring at dugout opening. SKA will provide ASI on final layout of new steel pipe post relative to the fencing being provided by the Turf COOP (Motz Group).

Also discussed on site - the existing dugout slab will be reviewed after the demolition of the CMU half wall to determine if in-contract demolition of the slab and provision of the new 12"x8" concrete curb can be omitted. Motz may be able to use the existing concrete slab to core drill the new dugout fence posts.

All Replies

Response from Tonya Lyons Calhoun Construction Services on Thursday, Sep 12, 2024 at 11:34 AM EDT

Zach... please see official response and provide pricing for the pipe posts needed at the (2) Softball field dugouts. Sarah/Blu... copying you so you are aware of the concrete slab notation.

Response from Cate Noble Ward Studio Kremer Architects on Thursday, Sep 12, 2024 at 08:55 AM EDT

Per discussion on site after 9-11-2024 Progress Meeting - Pipe post will be replaced at the two softball field dugouts. Proceed with demolition of the CMU half wall and provide shoring at dugout opening. SKA will provide ASI on final layout of new steel pipe post relative to the fencing being provided by the Turf COOP (Motz Group).

Also discussed on site - the existing dugout slab will be reviewed after the demolition of the CMU half wall to determine if in-contract demolition of the slab and provision of the new 12"x8" concrete curb can be omitted. Motz may be able to use the existing concrete slab to core drill the new dugout fence posts.

Change Order Request 10 - PCO #20 - RFP-03 BCHS Civil Revisions

737-- BCPS - Phase II Athletics BP-1 - Baseball/Softball Field Imp

9/26/2024



Summary of work

RFP-03 BCHS Civil Revisions

| Scope - Subcontractor | Description | Cost |
|-----------------------|-------------|----------------------|
| | | <i>(\$16,934.00)</i> |

o HVAC - Lusk ==> RFP-03 BCHS Ejector Pump Removal-Deduct ==> (\$25,704.00)

o Site Work - JR Contracting ==> RFP-03 BCHS Civil Revisions ==> \$8,660.00

o Calhoun Contracted Unit Prices ==> \$110.00

Sub Total: (\$16,934.00)

Mark Up: (\$1,693.40)

Fee: (\$186.00)

| | |
|--------------|------------------|
| Total | -\$18,813 |
|--------------|------------------|

Approved By: _____

Submitted By: Calhoun

Date: _____

Date: 9/26/2024





The Lusk Group

820 S. Dixie Hwy., Muldraugh, KY 40155
Tel (502) 942-6966 Fax (502) 942-6964

September 25, 2024
Project: Bullitt County Baseball Field Improvements
Change Order Request #3
Attn: Joel Pittard

Please find our change order request below to omit (1) sewage ejector pump at Bullitt Central as requested per RFP03.

\$-25,000.00 material
\$ - 704.00 labor 8 hrs @ 88.00 per hr

\$-25,704.00 Total Credit

Please advise if additional information is required.
Respectfully submitted,

Jeremy Hester
Project Manager / Estimator
Lusk Mechanical Contractors Inc.
Cell 270-272-8010
Office 502-942-6966

Bullitt Central RFP #3 R1 drawing change
 Cost summary

| Sheet | Item | Units | JR Cost | Contracted Unit Price | CCS Cost | Totals |
|--------------------|---|----------|--------------|-----------------------|--------------------|--------------------|
| C1.12 | Baseball ambulance entrance - Curb LF | 169 \$ | \$ 26.00 | \$ 4,394.00 | | |
| | Baseball ambulance entrance - Asphalt SY, 4" thick | 224 \$ | \$ 28.80 | \$ 6,451.20 | Priced with COR-04 | |
| | Baseball ambulance entrance - DGA base CY | 50 \$ | \$ 43.60 | \$ 2,180.00 | | |
| | Stripe and cross hatch | lump sum | \$ | \$ 1,275.00 | | |
| C1.21 | Swales with new structure | | | | | |
| | Stormwater Manhole | 1 \$ | \$ 2,200.00 | \$ 2,200.00 | | |
| | In Line Storm Installation | 1 \$ | \$ 6,460.00 | N/A | \$ 6,460.00 | \$ 8,770.00 COR-10 |
| | Earthen swale - baseball | | \$ 4,100.00 | | Priced with COR-05 | |
| | Earthen swale - softball | | \$ 3,240.00 | | | |
| General conditions | | | | | | |
| | Remobilization, Dozer, Excavator, Roller, skid steers | | \$ 3,050.00 | | \$ 3,050.00 | |
| | | | \$ 4,800.00 | | \$ 4,800.00 | \$ 7,850.00 COR-11 |
| | Total | | \$ 38,150.20 | | | |

JR Notes:
 The storm structure cannot be built with the rim and invert elevations shown on the drawing. JR has priced a structure that will fit the existing 15" pipe with a rim elevation of approx. 469.04

| | <u>WORK</u> (to be filled out by the Architect) | <u>PRICE / UNIT</u> (to be filled out by the Contractor) | <u>UNIT</u> |
|-----|---|---|----------------------|
| 18. | #10 THHW/THWN Conductors | 6.00 | L.F. |
| 19. | #8 THHW/THWN Conductors | 8.50 | L.F. |
| 20. | 1" schedule 40 PVC buried with trench @24" and backfilled | 115.50 | L.F. |
| 21. | OL2 Area Light Fixture and Pole Base | 7,350.00 | EA |
| 22. | 1" RMC Raceway | 15.00 | L.F. |
| 23. | RCP 12" RCP 36" RCP 42" | 66.00 212.00 294.00 | L.F. L.F. L.F. |
| 24. | Storm Headwall & Flared End Sections | 3,780.00 | EA |
| 25. | Inlets 4x4 | 3,570.00 | EA |
| 26. | Stormwater Manhole | 2,310.00 | EA |
| 27. | Sanitary Manhole | 2,310.00 | EA |
| 28. | 8" PVC – Sanitary | 40.00 | L.F. |
| 29. | Outlet control structures for Stormwater BMPs | 3,465.00 | EA |
| 30. | | | |
| 31. | | | |
| 32. | | | |
| 33. | | | |
| 35. | | | |
| 36. | | | |
| 37. | | | |
| 38. | | | |
| 39. | | | |
| 40. | | | |

Note: Backbox and conduit stubouts ARE separate from individual line items and shall not be included in "installed" electrical unit prices.

REQUEST FOR PROPOSAL

| | | | |
|----------------|--|---------------------------|---|
| PROJECT: | Phase II Athletics - Bid Package No. 1 Baseball and Softball Fields Bullitt County Public Schools | REQUEST FOR PROPOSAL NO.: | 03 REV1 |
| OWNER: | Bullitt County Public Schools 1040 Highway 44 East Shepherdsville, KY 40165 | DATE: | 20-Sep-2024 |
| TO CONTRACTOR: | Calhoun Construction Services, Inc. 7707 National Turnpike Louisville, KY 40218 | ARCHITECT: | Studio Kremer Architects 1231 S Shelby Street Louisville, KY 40203 |
| | | ARCHITECT'S PROJECT NO.: | 2023-50 BG# 24-192 |

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein.

THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN

Description:

Provide price proposal for the following:

Revisions are described below and are Clouded with an RFP 03 label.

- Item No.1** Drawing C1.21 - Parking Lot Elevations returned to Bid Documentation - Swale at Softball Field Revised
- Item No.2** ESI - New Catch Basin Exhibit
- Price Option 1: Price a 48" square catch basin as documented on the attached Exhibit.
- Price Option 2: Price for 24" square catch basin in lieu of 48" square. Provided precast basin manufacturer can accommodate 15" pipe.
- Item No. 3** Confirmation: New Sewage Ejector Pump at Concession Building can be omitted including electrical.
- Updated Electrical and Plumbing Drawings to be provided. Provide Cost Credit for this omitted work.

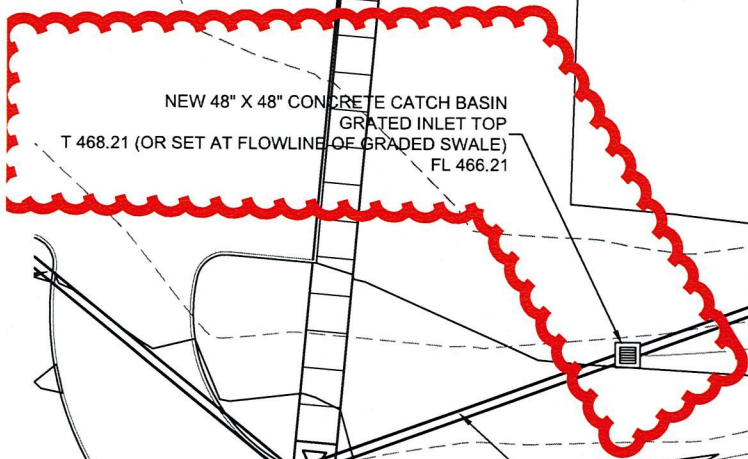
Attachments:

Revised Drawings: C1.21 , ESI - New Catch Basin Exhibit

| | | | |
|-------------|--|------------|---------------------------------|
| ISSUED: | 20-Sep-2024 | ARCHITECT: | studio kremer architects |
| CONTRACTOR: | Calhoun Construction Services, Inc. | BY: | Cate Noble Ward, AIA |

1/2" DOMESTIC WATER. TIE INTO EXISTING WATER LINE. MAINTAIN SEPARATION FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE WITH WATER AND ALL OTHER WET UTILITIES AS NECESSARY ACCORDING TO CODE. INSTALL OFFSET AS NECESSARY. SLEEVE WATER SERVICE AS REQUIRED BY CODE.

EX INLET 4
ADJUST RI
REPLACE C
WITH SOIL
DISCONNE
INV OUT 12



NEW 48" X 48" CONCRETE CATCH BASIN
GRADED INLET TOP
T 468.21 (OR SET AT FLOWLINE OF GRADED SWALE)
FL 466.21

8.7 LF
15 INCH CONCRETE PIPE
@ 0.50%

A-04

A73

205 LF 12"
@ 0.88% (PRIVATE)
Q=2.450 CFS

170.9 LF
15 INCH CONCRETE PIPE
@ 0.97%

GRADED SWALE
CENTERLINE

A72

57.2 LF
15 INCH CONCRETE PIPE
@ 0.97%

A71



NEW CATCH BASIN EXHIBIT

SCALE: 1" = 20'



Graphic Scale: 1" = 20'

