



AIA® Document G731™ – 2019

Change Order, Construction Manager as Adviser Edition

PROJECT: (name and address)
Christian County High School

5185 Fort Campbell Blvd
Hopkinsville, KY 42240

OWNER: (name and address)
Christian County Board of Education
200 Glass Avenue Hopkinsville, KY 42240

CONTRACTOR: (name and address)
Penn & Son Sheet Metal
961 Slickback Road Benton, KY 42025

CONTRACT INFORMATION:
Contract For: BP 220/225-06 -
Plumbing and HVAC
Date: 11-19-2024

CHANGE ORDER INFORMATION:
Change Order Number: 072

Date: June 02, 2025

ARCHITECT: (name and address)
Hafer PSC
101 E. Second Street, Suite 101 Owensboro, KY 42303

CONSTRUCTION MANAGER: (name and address)
Alliance Corporation
116 E. College Street Glasgow, KY 42141

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.)

Cost associated with greenhouse plumbing infrastructure per PR 30R3.

The original Contract Sum was	\$ 18,462,409.70
Net change by previously authorized Change Orders	\$ 51,256.90
The Contract Sum prior to this Change Order was	\$ 18,513,666.60
The Contract Sum will be increased by this Change Order in the amount of	\$ 82,351.80
The new Contract Sum including this Change Order will be	\$ 18,596,018.40

The Contract time will be unchanged by (0) days.
The Contractor's Work shall be substantially complete on .

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, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.

ARCHITECT (Signature)

BY: Eric Rang, Hafer PSC
(Printed name, title, and license number if required)

Date

CONSTRUCTION MANAGER (Signature)

BY: Kevin Hitchel, Alliance Corporation
(Printed name and title)

Date

CONTRACTOR (Signature)

BY: Shawn Penn, Penn and Son Sheet Metal, Inc.
(Printed name and title)

Date

OWNER (Signature)

BY: Christopher Bentzel, Christian County Board of Education
(Printed name and title)

Date

PROPOSAL REQUEST

Project: Christian County High School
5185 Ft. Campbell Blvd
Hopkinsville, KY 42240
PR No.: 030 r1
Date: March 11, 2025

Owner: Christian County Public Schools
222 Glass Ave
Hopkinsville, KY 42240
Project Number: 2106-204
Contract for:

To: Kevin Hitchell
Alliance Corporation
116 E. College Steet
Glasgow, KY 42141

RE: **Greenhouse Concrete Pad and MEP – Revision 1**

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:

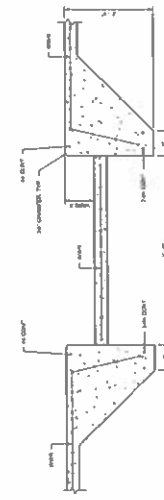
- 1) Provide a price to provide Structural, Electrical and Plumbing work as shown in attached sheets 3-S1.1, 3-E1.1, 3-P1.1, 3-P1.1.
- 2) Provide price to provide exterior concrete pad between greenhouse and headhouse. Slope pad to drain to east/west. Assume double door for headhouse immediately across from greenhouse double doors. Price floor drain in headhouse pad (not shown on drawings).
- 3) Note - Sheet 2-E1.1 shows location of Greenhouse Panel in future Building 2. For work this PR, price placing exterior grade lockable panel adjacent to building on Unistrut supports. Final location of panel may change to inside headhouse if construction schedule allows.
- 4) Note - Architectural Sheet 3-A1.1 is shown for reference. CCHS will be bidding greenhouse separately. Coordinate final locations final Greenhouse shop drawings provided by owner.

Revised 3/11/25 – Flat Concrete and Trench Drains in slab; Revised drawings 3-A1.1, 3-S1.1, 3-P1.1

Attachments: 3-S1.1, 3-E1.1, 3-P1.1,
For Reference – 3-A1.1, 2-P1.1.

By: Rick Harper, Thomas Waldron, Eric Rang

CC:



6 GENERAL NOTES
NOT TO SCALE

5 SLOPING SLAB
SCALE 3/4" = 1'-0"

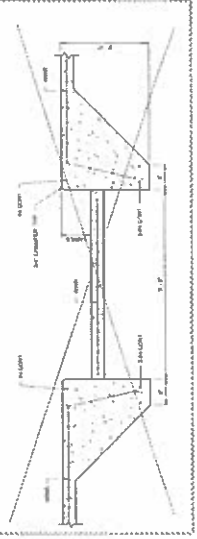
4 SECTION

TYP. TURNDOWN CORNER REINF.
NOT TO SCALE

CONTRACTION JOINT

CONSTRUCTION JOINT

[illegible]



6 GENERAL NOTES
NOT TO SCALE

3-S1.1



CODE # 00 20 104

1500 E. CAMPBELL BLVD
HOPKINSVILLE, TN 37404

HAFEN

KS
KENTUCKY
SCHOOL
SYSTEM

bell
K-S ENGINEERING, PLLC

WBW
WILLIAM B. WILSON & ASSOCIATES, INC.



OCT. 2024

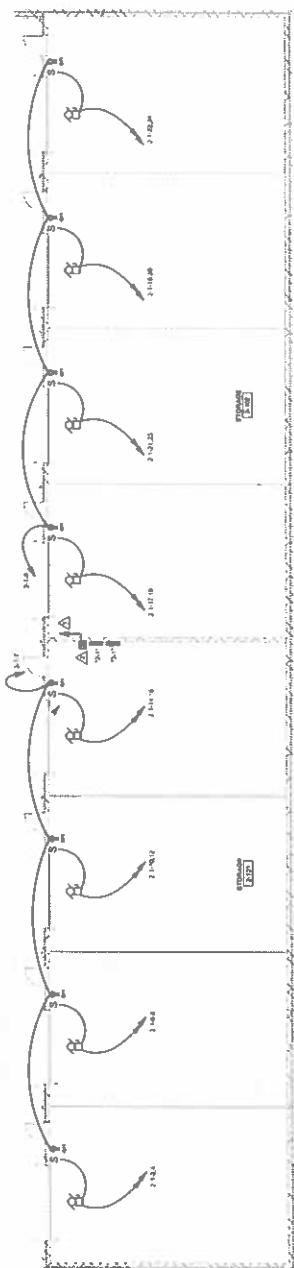
Revisions	By	Date	Description
1	W.B. Wilson	10/24/24	Initial Design
2	W.B. Wilson	10/24/24	Revised Design
3	W.B. Wilson	10/24/24	Final Design

Project No. 2105-204
Drawing No. 2-E1.1
Date: OCT. 2024

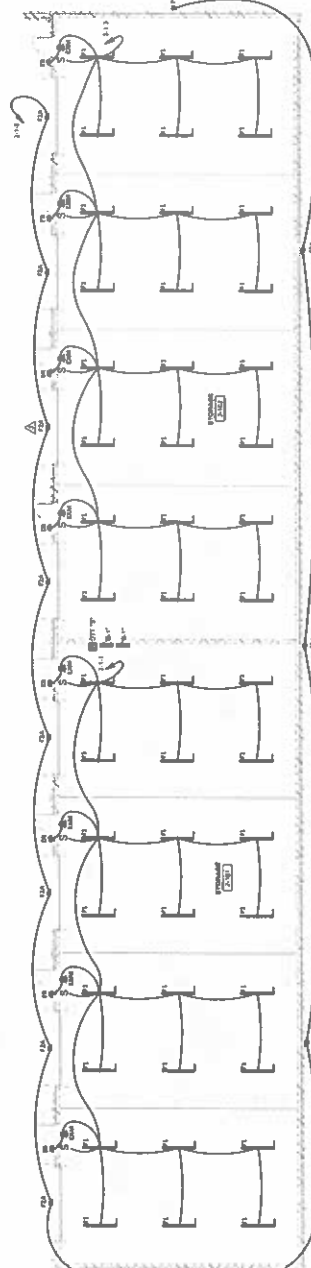
Electrical Plan -
LIGHTING, POWER AND
FIRE ALARM

2-E1.1

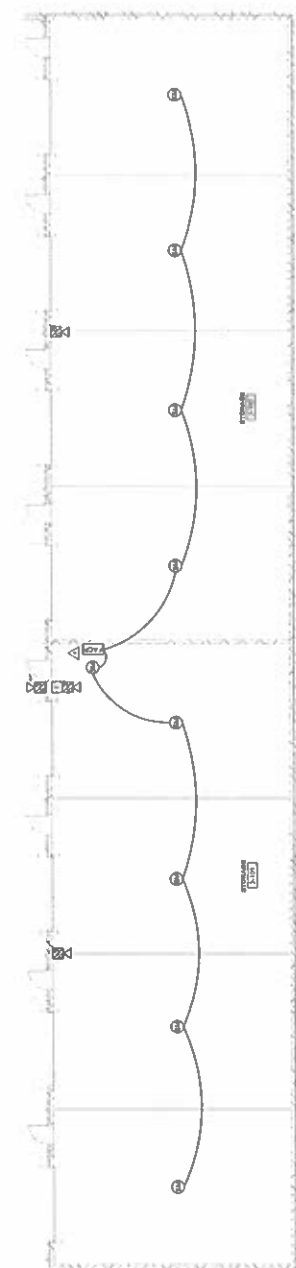
Type	Fixture / Lamp	Manufacturer	Catalog Number	Mounting	Description
11	11" SMD LED LIGHT	LED BY LIGHTING	11" SMD LED LIGHT	RECESSED	11" SMD LED LIGHT
12	12" SMD LED LIGHT	LED BY LIGHTING	12" SMD LED LIGHT	RECESSED	12" SMD LED LIGHT
13	13" SMD LED LIGHT	LED BY LIGHTING	13" SMD LED LIGHT	RECESSED	13" SMD LED LIGHT
14	14" SMD LED LIGHT	LED BY LIGHTING	14" SMD LED LIGHT	RECESSED	14" SMD LED LIGHT
15	15" SMD LED LIGHT	LED BY LIGHTING	15" SMD LED LIGHT	RECESSED	15" SMD LED LIGHT
16	16" SMD LED LIGHT	LED BY LIGHTING	16" SMD LED LIGHT	RECESSED	16" SMD LED LIGHT
17	17" SMD LED LIGHT	LED BY LIGHTING	17" SMD LED LIGHT	RECESSED	17" SMD LED LIGHT
18	18" SMD LED LIGHT	LED BY LIGHTING	18" SMD LED LIGHT	RECESSED	18" SMD LED LIGHT
19	19" SMD LED LIGHT	LED BY LIGHTING	19" SMD LED LIGHT	RECESSED	19" SMD LED LIGHT
20	20" SMD LED LIGHT	LED BY LIGHTING	20" SMD LED LIGHT	RECESSED	20" SMD LED LIGHT



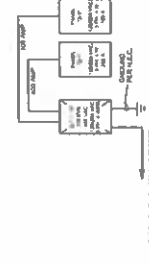
ELECTRICAL PLAN - POWER
1/8" = 1'-0"



ELECTRICAL PLAN - LIGHTING
1/8" = 1'-0"



ELECTRICAL PLAN - FIRE ALARM
1/8" = 1'-0"



ELECTRICAL SERVICE RISER DIAGRAM
NOT TO SCALE

PANEL "2-1" LOCATION STORAGE 2-101 120/208 VOLT 3 Ø 4 W TYPE NO SURFACE									
NO	LOAD	TRIP	WATTAGE	WATTAGE	CD	TRIP	WATTAGE	WATTAGE	F.L.A.
1	120V 15A	15A	1800	1800	15A	15A	1800	1800	15A
2	120V 15A	15A	1800	1800	15A	15A	1800	1800	15A
3	120V 15A	15A	1800	1800	15A	15A	1800	1800	15A
4	120V 15A	15A	1800	1800	15A	15A	1800	1800	15A
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18	120V 15A	15A	1800	1800	15A	15A	1800	1800	15A
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100	120V 15A	15A	1800	1800	15A	15A	1800	1800	15A

PANEL "3-1" LOCATION STORAGE 2-101									
120/208 VOLT 3 Ø 4 W TYPE NO SURFACE									
100% AMP IF MAIN LUG									
NO	LOAD	TRIP	WATTAGE	WATTAGE	CD	TRIP	WATTAGE	WATTAGE	F.L.A.
		AMP	WATTAGE	WATTAGE		AMP	WATTAGE	WATTAGE	
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TOTAL			3600	3600		WATTAGE			3600
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TOTAL			3600	3600		WATTAGE			3600
TOTAL			3600	3600		WATTAGE			3600
TOTAL			3600	3600		WATTAGE			3600
TOTAL			3600	3600		WATTAGE			



CODE # 305 22-104

1405 ST. CAMERON BLVD
HOPKINSVILLE, KY 42403

HAFER
1417 W. Main
Hopkinsville, KY 42403
202-224-1400
202-224-1401

js
JAMES S. JONES
1417 W. Main
Hopkinsville, KY 42403
202-224-1400
202-224-1401

bell
BELL
1417 W. Main
Hopkinsville, KY 42403
202-224-1400
202-224-1401

K-S
K-S
1417 W. Main
Hopkinsville, KY 42403
202-224-1400
202-224-1401

WBW
WBW
1417 W. Main
Hopkinsville, KY 42403
202-224-1400
202-224-1401

G
G
1417 W. Main
Hopkinsville, KY 42403
202-224-1400
202-224-1401



OCT 2024

REVISIONS	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

REVISIONS	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Sheet 001

ELECTRICAL PLAN -
POWER

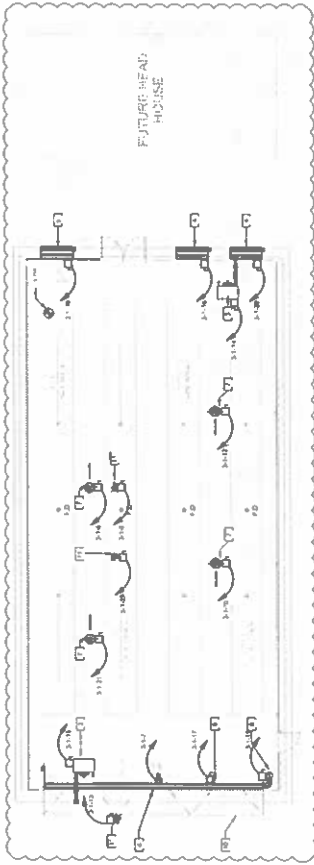
Architect's Project No. 2106-204
Date OCT. 202

Drawing No.

3-E1.1

#	MATERIAL LIST - PART DESCRIPTION	QTY
1	4" PVC CONDUIT	1
2	4" PVC CONDUIT	1
3	4" PVC CONDUIT	1
4	4" PVC CONDUIT	1
5	4" PVC CONDUIT	1
6	4" PVC CONDUIT	1
7	4" PVC CONDUIT	1
8	4" PVC CONDUIT	1
9	4" PVC CONDUIT	1
10	4" PVC CONDUIT	1
11	4" PVC CONDUIT	1
12	4" PVC CONDUIT	1
13	4" PVC CONDUIT	1
14	4" PVC CONDUIT	1
15	4" PVC CONDUIT	1
16	4" PVC CONDUIT	1
17	4" PVC CONDUIT	1

#	MATERIAL LIST - PART DESCRIPTION	QTY
1	4" PVC CONDUIT	1
2	4" PVC CONDUIT	1
3	4" PVC CONDUIT	1
4	4" PVC CONDUIT	1
5	4" PVC CONDUIT	1
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8	4" PVC CONDUIT	1
9	4" PVC CONDUIT	1
10	4" PVC CONDUIT	1
11	4" PVC CONDUIT	1
12	4" PVC CONDUIT	1
13	4" PVC CONDUIT	1
14	4" PVC CONDUIT	1
15	4" PVC CONDUIT	1
16	4" PVC CONDUIT	1
17	4" PVC CONDUIT	1



GENERAL NOTES

1. CONDUITS SHALL BE 4" PVC CONDUIT.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).
3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LOCAL ELECTRICAL CODES.

ELECTRICAL PLAN - POWER



PO Box 532
961 Slickback Rd
Benton, KY 42025
Office (270) 527-9346

shawn@pennandson.net

DATE: 3/27/25

CHANGE ORDER # 5

TO: Alliance

Project: HCCA

REF: Per PR-30

Per PR-30, Pricing reflects material, labor, and equipment necessary for DWV piping, gas, gas piing, trench drains, and water piping in the proposed greenhouse.

LABOR:	\$24,700.00
Materials	\$37,652.00
Equipment	\$8,480.00
OH/P	\$10,624.80
TOTAL:	\$81,456.80
Bond	\$895.00
TOTAL :	\$82,351.80

We agree hereby to make changes(s) specified above this price:

DATE: 3/27/25

SHAWN PENN _____

FACPAC Contract Change Order Supplemental Information Form (Ref# 62423)

Form Status: Saved

Tier 1 Project: Consolidated High School

BG Number: 22-104

Status: Active

District: Christian County (HB678) (115)

Phase: Project Initiation (View Checklist)

Contract: Penn and Son Sheet Metal, Inc. , 0220, Plumbing and HVAC

Type: CM Bid Package

Proposed

Change Order Number	5
Time Extension Required	No
Date Of Change Order	6/2/2025
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	\$6,320,436.60
Net Approved COs	\$1,018,060.75
Remaining After Approved COs	\$5,302,375.85
Net All COs	\$1,055,311.73
Remaining After All COs	\$5,265,124.87

This Requested Change Order Amount \$82,351.80

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$5,208,661.87

Balance

Contract Change Requested By	Architect/Engineer; Construction Manager; Local Board of Education; Contractor
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Contract Change Reason Code	Expansion of Scope
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Change Order Description And Justification

Cost associated with greenhouse plumbing infrastructure per PR 30R3.

Cost Benefit To Owner

The cost of this change order has been reviewed and determined to be reasonable.

Contract unit prices have been utilized No
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	\$33,180.00	40.29%
Materials	\$37,652.00	45.72%
Profit and Overhead	\$10,624.80	12.90%
Bond Insurance	\$895.00	1.09%
Cost Breakdown Total:	\$82,351.80	

Cost for this Change Order supported by an alternate bid or competitive price quote

Explain Why

Executed contract with contractor.

Change Order Supplemental Information Form Signature Page (Online Form Ref# 62423)

Architect

Date

Construction Manager

Date

Finance Officer

Date

Local Board of Education Designee

Date