## 

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum



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Cite this document as "AIA Document A101™ – 2007, Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum — KDE Version," or "AIA Document A101™ –2007 — KDE Version."

## Kentucky Department of Education Version of ATA Document A101 – 2007

## **Standard Form of Agreement Between Owner and Contractor** where the basis of payment is a Stipulated Sum

**AGREEMENT** made as of the Twentieth in the year Two Thousand Twenty-three (In words, indicate day, month and year.)

day of November

#### BETWEEN the Owner:

(Name, legal status, address and other information)
Hopkins County New Board Office
320 S. Seminary Street
Madisonville, KY 42431

#### and the Contractor:

(Name, legal status, address and other information)
Danco Construction
3201 Interstate Drive
Evansville, IN 47715

for the following Project:
(Name, location and detailed description)
South Hopkins Schools Additions & Renovation
9220 Hopkinsville Road, Nortonville, KY 42442



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This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

The Architect:
(Name, legal status, address and other information)
Sherman Carter Barnhart Architects, PLLC
144 Turner Commons Way, Suite 110

The Owner and Contractor agree as follows.

Lexington, KY 40508

#### **TABLE OF ARTICLES**

- 1 THE CONTRACT DOCUMENTS
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
- 5 PAYMENTS
- 6 DISPUTE RESOLUTION
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS
- 10 INSURANCE AND BONDS

#### ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Owner direct Purchase Orders, Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

#### ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

#### ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.

(Insert the date of commencement if it differs from the date of this Agreement or, if applicable, state that the date will be fixed in a notice to proceed.)

Notice to Proceed Letter issued 11/21/23.

If, prior to the commencement of the Work, the Owner requires time to file mortgages and other security interests, the Owner's time requirement shall be as follows:

None

§ 3.2 The Contract Time shall be measured from the date of commencement.

§ 3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than

) days from the date of commencement, or as follows:

(Insert number of calendar days. Alternatively, a calendar date may be used when coordinated with the date of commencement. If appropriate, insert requirements for earlier Substantial Completion of certain portions of the Work. Either list requirements for earlier Substantial Completion here or refer to an exhibit attached to this Agreement.)

Portion of Work

Substantial Completion

**Final Completion** 

**Substantial Completion Date** 

July 1, 2025

30 days after date of Substantial Completion

, subject to adjustments of this Contract Time as provided in the Contract Documents.

Liquidated Damages: As actual damages for delay in completion of Work are impossible to determine, the Contractor and his Surety shall be liable for and shall pay to the Owner the sum of One thousand Dollars and zero cents.

(\$ 1,000.00 ), not as a penalty, but as fixed, agreed and liquidated damages for each calendar day of delay until the Contract Work is substantially completed as defined in the General Conditions of the Contract for Construction. The Owner shall have the right to deduct liquidated damages from money in hand otherwise due, or to become due, to the Contractor, or to sue and recover compensation for damages for failure to substantially complete the Work within the time stipulated herein. Said liquidated damages shall cease to accrue from the date of Substantial Completion.

#### ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be

Sixteen Million Two Hundred Seventy-six Thousand Four Hundred Eleven Dollars and Seventy-one cents (\$ 16,276,411.29 ), subject to additions and deductions as provided in the Contract Documents.

(List the base bid amount, sum of accepted alternates, total construction cost (the sum of base bid amount plus sum of accepted alternates), sum of Owner's direct Purchase Orders. The Contract Sum shall equal the sum of Total Construction Cost, less Owner direct Purchase Orders. Either list this information here or refer to an exhibit attached to this Agreement.)

	Amount
Base Bid	\$ 24,665,000.00
Sum of Accepted Alternates	\$ 158,500.00
Total Construction Cost (the sum of base bid amount plus sum of accepted alternates)  Sum of Owner's direct Purchase Orders	\$ 24,982,000.00 \$ 8,705,588.71
Contract Sum (total construction cost less Owner direct Purchase Orders)	\$ 16,276,411.29

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§ 4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:

(State the numbers or other identification of accepted alternates. If the bidding or proposal documents permit the Owner to accept other alternates subsequent to the execution of this Agreement, attach a schedule of such other alternates showing the amount for each and the date when that amount expires. Either list alternates here or refer to an exhibit attached to this Agreement.)

Number	Item Description	Amount
Alternate No. 1	Work in the Right of Way	\$7,500.00
Alternate No. 2	Owner Peferred Door Hardware	No cost
Alternate No. 3	Owner Preferred Door Access Controls	No cost
Alternate No. 6	Replacement of Common Area Flooring in Existing	\$151,000
	Total of Alternates	\$158,500

§ 4.3 Unit prices, if any:

(Identify and state the unit price; state quantity limitations, if any, to which the unit price will be applicable. Either list unit prices here or refer to an exhibit attached to this Agreement.)

Refer to attached

Item

**Units and Limitations** 

Price per Unit (\$0.00)

Unit prices attached.

§ 4.4 Allowances included in the Contract Sum, if any: (Identify allowance and state exclusions, if any, from the allowance price. Either list allowances here or refer to an exhibit attached to this Agreement.)

Item

Price

Brick Allowance

\$650.00 per thousand for face brick

Unsuitable Soil: Include an allowance based on the following work scope: the contractor shall include in the base bid, an allowance to remove and dispose on-site an additional 1000 cy of unsuitable soil, which may be encountered below plan bottom depth. the allowance price shall include replacement with 1000 cy of DGA placed and compacted in accordance with the project geotechnical report and on-site testing agency recommendations. the allowance price shall also include 20000 sf of 6 oz non-woven filter fabric, actual volumes in the allowance shall be measured by the on-site testing agency and the contract will be adjusted using unit prices. The allowance shall be included in the base bid with a line item shown on the bid form.

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### ARTICLE 5 PAYMENTS § 5.1 PROGRESS PAYMENTS

- § 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.
- § 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:
- § 5.1.3 Provided that an Application for Payment is received by the Architect not later than the First day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the First day of the following month. If an Application for Payment is received by the Architect after the application date fixed above, payment shall be made by the Owner not later than Forty-five (45) days after the Architect receives the Application for Payment.

State law (KRS 371.405) requires the Owner to pay undisputed Applications for Payment within forty-five (45) business days following receipt of the invoices. If the Owner fails to pay the Contractor within forty-five (45) business days following receipt of an undisputed Application for Payment, state law requires the Owner shall pay interest to the Contractor beginning on the forty-sixth business day after receipt of the Application for Payment, computed at the rate required by state law.

- § 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.
- § 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.
- § 5.1.6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:
  - .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of

    Ten percent ( 10 %). Pending final determination of cost to the
    - Ten percent ( 10 %). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Section 7.3.9 of AIA Document A201<sup>TM</sup>-2007, General Conditions of the Contract for Construction KDE Version;
  - Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of Ten percent (10 %);
  - .3 Subtract the aggregate of previous payments made by the Owner; and
  - .4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of AIA Document A201–2007 KDE Version.
- § 5.1.7 The progress payment amount determined in accordance with Section 5.1.6 shall be further modified under the following circumstances:
  - Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Architect shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and (Section 9.8.5 of AIA Document A201-2007 KDE Version requires release of applicable retainage upon Substantial Completion of Work with consent of surety, if any.)

.2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9.10.3 of AIA Document A201–2007 — KDE Version.

§ 5.1.8 Reduction or limitation of retainage, if any, shall be as follows:

When Owner direct Purchase Orders are used, retainage that would otherwise be held on materials and equipment shall transfer to the Contractor, and the material suppliers will be paid the full amount of their invoices. The Owner shall retain ten percent (10%) from each Application for Payment, and an amount equal to ten percent (10%) of approved Purchase Order payments, up to fifty percent (50%) completion of the Work, then provided the Work is on schedule and satisfactory, and upon written request of the Contractor together with consent of surety and the recommendation of the Architect, the Owner shall approve a reduction in Retainage to five percent (5%) of the current Contract Sum plus Purchase Orders. No part of the five percent (5%) retainage shall be paid until after Substantial Completion of the Work, as defined in the General Conditions of the Contract for Construction. After Substantial Completion, if reasons for reduction in retainage are certified in writing by the Architect, a reduction to a lump sum amount less than the five percent (5%) retainage may be approved by the Owner when deemed reasonable. The minimum lump sum retainage shall be twice the estimated cost to correct deficient or incomplete work.

§ 5.1.9 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

#### § 5.2 FINAL PAYMENT

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Section 12.2.2 of AIA Document A201–2007 KDE Version, and to satisfy other requirements, if any, which extend beyond final payment;
- .2 a final Certificate for Payment has been issued by the Architect; and
- .3 the Contractor provides the Owner with affidavits that all payrolls, bills for materials, supplies and equipment, and other indebtedness connected with the Work have been paid or otherwise satisfied, and with Consent of Surety for final payment.

### ARTICLE 6 DISPUTE RESOLUTION § 6.1 INITIAL DECISION MAKER

not be reproduced prior to its completion.

The Architect will serve as Initial Decision Maker pursuant to Section 15.2 of AIA Document A201–2007 — KDE Version, unless the parties appoint below another individual, not a party to this Agreement, to serve as Initial Decision Maker

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)

#### § 6.2 BINDING DISPUTE RESOLUTION

For any Claim subject to, but not resolved by, mediation pursuant to Section 15.3 of AIA Document A201–2007 — KDE Version, the method of binding dispute resolution shall be as follows:

(Check the appropriate box. If the Owner and Contractor do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)

	Arbitration pursuant to Section 15.4 of AIA Document A201–2007 — KDE Version
X	Litigation in a court of competent jurisdiction where the Project is located
	Other: (Specify)

#### ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2007 — KDE Version.

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2007 — KDE Version.

#### **ARTICLE 8 MISCELLANEOUS PROVISIONS**

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201–2007 — KDE Version or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at such rate required by state law, or in the absence of law, at the legal rate prevailing at the time and place where the Project is located. (Insert rate of interest agreed upon, if any.)

#### § 8.3 The Owner's representative:

(Name, address and other information)

Mr. Martin W. Cline, Jr. Hopkins County Schools 302 South Seminary Street Madisonville, KY 42431

#### § 8.4 The Contractor's representative:

(Name, address and other information)

Mr. Daniel Jones, President Danco Construction, Inc. 3201 Interstate Drive Evansville, IN 47715

§ 8.5 Neither the Owner's nor to other party.	he Contractor's representative shall	be changed without ten	days written notice to the
§ 8.6 Other provisions:			
ARTICLE 9 ENUMERATION OF § 9.1 The Contract Documents, sections below.	CONTRACT DOCUMENTS , except for Modifications issued after	er execution of this Agre	eement, are enumerated in the
§ 9.1.1 The Agreement is this e Contractor — KDE Version.	executed AIA Document A101–200	7, Standard Form of Agr	eement Between Owner and
§ 9.1.2 The General Conditions KDE Version.	s are AIA Document A201–2007, G	eneral Conditions of the	Contract for Construction —
§ 9.1.3 The Supplementary and (Either list Supplementary and	other Conditions of the Contract: Tother Conditions of the Contract h	ere or refer to an exhibit	attached to this Agreement.)
Document	Title	Date	Pages
Refer to Project Manu	al attached.		
§ 9.1.4 The Specifications: (Either list the Specifications is	here or refer to an exhibit attached	to this Agreement.)	
Section	Title	Date	Pages
Refer to Project Ma	nual Index attached.		

#### § 9.1.5 The Drawings:

(Either list the Drawings here or refer to an exhibit attached to this Agreement.)

Number Title Date

Refer to List of Drawings Index attached.

#### § 9.1.6 The Addenda, if any:

(Either list the Addenda here or refer to an exhibit attached to this Agreement.)

Number	Date	Pages
Addenda No. 1	10/23/22	Twenty-three (23)
Addenda No. 2	11/2/23	Forty (40)
Addenda No. 3	11/9/23	One Hundred Ten (110)
Addenda No. 4	11/10/23	One Hundred Eleven (111)

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 9.

#### § 9.1.7 Additional documents, if any, forming part of the Contract Documents:

1 AIA Document E201<sup>TM</sup>–2007, Digital Data Protocol Exhibit, if completed by the parties, or the following:

- .2 Other documents, if any, listed below:
  - (List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201–2007 KDE Version provides that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders, sample forms and the Contractor's bid are not part of the Contract Documents unless enumerated in this Agreement. They should be listed here only if intended to be part of the Contract Documents.)
  - A. AIA Document A701-1997, Instructions to Bidders KDE Version
  - B. Contractor's Form of Proposal
  - C. KDE Purchase Order Summary Form

#### ARTICLE 10 INSURANCE AND BONDS

The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A201–2007 – KDE Version.

(State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A201–2007 – KDE Version. Either list insurance and bond information here or refer to an exhibit attached to this Agreement.)

Type of Insurance or Bond

Limit of Liability or Bond Amount (\$0.00)

100% Performance & Payment Bonds written on KDE Version of AIA Document A312

This Agreement entered into as of the day and year first written above.

OWNER (Signature)
Amy Smith Superintendent

**CONTRACTOR** (Signature)

(Printed name and title)

(Printed name and title)

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702 KAR 4:160

#### LIST OF PROPOSED SUPPLIERS AND MANUFACTURERS:

List on the lines below each major material category for this project and the suppliers and manufacturers involved with that portion of work. Listing the supplier below means the Contractor is acknowledging authorization from the Supplier to include the Supplier in this bld.

The listing of more than one supplier or manufacturer in a material category shall invalidate the bid.

A maximum of 40 suppliers and manufacturers will be acceptable with each bid. Do not add supplemental sheets for suppliers to this document.

The bidder shall submit the list of suppliers and manufacturers within one (1) hour of the bid.

	MATERIAL DESCRIPTION BY SPECIFICATION DIVISION AND CATEGORY (to be filled out by the Architect or Contractor)	SUPPLIER (to be filled out by the Contractor)	MANUFACTURER (to be filled out by the Contractor)
1.	Ceilings	L&W	USG
2.	Paint	ROBINSON	SHERWIN
3.	Aluminum Frames & Windows	YKK	YKK
4.	Insulation	L&W	OWENS CORNING
5.	Wood Doors	ARCH SALES	
6.	Flooring & Base	FULKERSON	
7.	Signage	DISKEY	
8.	Visual Display Units	NELSON ADAMS	
9.	Casework	ATLAS COMPANIES	
10.	Steel Bar Joists	VULCRAFT	
11.	Metal Deck	VULCRAFT	
12.	Fire Protection Riser Equipment / Sprinklers	WINN SUPPLY	AMERICAN STANDARD
13.	Plumbing Fixtures / Flush Valves	WINN SUPPLY	ELKAY
14.	Drinking Fountains / Water Coolers	WINN SUPPLY	AO SMITH
15.	Domestic Water Heaters	MIDWEST SEISMIC	KINETICS
16.	Vibration / Seismic Controls		
17.	Insulated Concrete Forms	NUDURA	NUDURA

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702 KAH 4:160

40 1	Marting Tops (LIM C Tops		
18.	Ventilating Fans / HVLS Fans	RL CRAIG	GREEN HECK
19.	Fabric Ductwork	RL CRAIG	DUCT SOX
20.	Emergency Power Generators / Transfer Switches	-	-
21.	Electrical Switchgear and Panelboards	TSL SPRINGFIELD	SQUARE D / SCHNEIDER
22.	Starters and Disconnects	TSL SPRINGFIELD	SQUARE D / SCHNEIDER
23.	Wiring Devices	TBD	HUBBELL / P&S / LEVITON
24.	Light Fixtures / Controls	TSL SPRINGFIELD	LITHONIA
25.	Patch Panels	GBE GRAYBAR	HUBBELL
26.	H.M. Frames and Windows	ARCH SALES	CARRIES
27.	Bleachers	IRWIN	IRWIN
28.	Gymnasium Equipment	ALL STAR SPROTS	
29.	Stainless Steel Sinks		
30.	Wood Athletic Flooring	SOUTHERN FLOORING	?
31.	Fire Alarm Systems	FEDERAL FIRE	NOTIFIER
32.	Communication Equipment	GBE - GRAYBAR	HUBBELL
33.	Hollow Core Planks	DEAMRON	DEAMRON
34.	Aggregate Piers	CNC FOUNDATIONS	CNC FOUNDATIONS
35.	Door Hardware	ARCH SALES	BEST
36.	Access Controls	ARCH SALES	SALTO
37.			
38			

## 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 within one (1) hour of the bid.

	WORK (to be filled out by the Architect)	PRICE / UNIT (to be filled out by the Contractor)	UNIT (to be filled out by the Contractor)
1.	2x2 – ACT Type 1 (per s.f.)	\$5.25	SF
2.	Geogrid TX130		
3.	LVT Flooring (per s.f.)	\$7.50	SF
4.	Remove and replace unsuitable solls w/borrow soil /c.y.	\$28.00	CY
5.	Paint (per s.f.)	\$3.50	SF
6.	Wall Type 1 12'-4" Tall with Vinyl Base Both Sides (per s.f.)	\$9.75	SF
7.	Concrete Work (cubic yards)	\$350.00	CY
8.	Existing Slab Moisture Inhibitor (s.f.)	\$9.00	SF
9.	Aluminum Storefront System with Insulation and Glazing (s.f.)	\$65.00	SF
10.	Structural Steel Columns (Include base plates, anchor bolts & other connection materials) /Ton	\$9,200.00	TON
11.	Structural Steel Beams (Include connection plates, bolts & other connection materials)/ Ton	\$9,500.00	TON
12.	Structural Tube Steel Beams & Trusses (Include connection plates, bolts & other connection materials)/	\$9,900.00	TON
13.	Open-Web Steel Bar Joists, K-Series (Include 2.5K Joist Substitutes)/ Ton	\$9,500.00	TON
14.	Open-Web Steel Bar Joists, LH-Series / Ton	\$9,500.00	TON
15.	Miscellaneous Structural Steel (Angles, Channels, Tees)/ lb.	\$9,500.00	TON
16.	1.5B18 Metal Roof Deck (including flat plates, fasteners & other miscellaneous materials) /sf	\$40.00	SF
17.	Unclassified Utility Trenching with Compacted Backfill / If	\$90.00	LF
18.	2" PVC Conduit, Buried / If	\$26.00	LF

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	WORK (to be filled out by the Architect)	PRICE / UNIT (to be filled out by the Contractor)	UNIT (to be filled out by the Contractor)
19.	4" PVC Conduit, Buried / If	\$36.00	LF
20.	120V, 20A Duplex Outlet, Installed / If	\$180.00	EA
21.	1/2" EMT Conduit, Installed / If	\$3.30	LF
22.	1" EMT Conduit, Installed / If	\$3.85	LF
23.	#12 Type THWN Conductor, Installed / If	\$2.50	LF
24.	#10 Type THWN Conductor, Installed / If	\$2.75	LF
25.	Type EX1 Light Fixture, Installed / ea	\$400.00	EA
26.	Type EX2 Light Fixture, Installed / ea	\$400.00	EA
27.	Type EM Light Fixture, Installed / ea	\$400.00	EA
28.	Concrete Sidewalks / sf	\$10.00	SF
29.	Asphalt Pavement including Stone Base / sy	\$40.00	SY
30.	Remove and replace unsuitable soils w/compacted DGA /c.y.	\$100.00	CY
31.	Storm Piping (15") / If	\$78.00	LF
32.	Drop Inlets / ea	\$4,500.00	EA
33.	8" Sanitary Sewer, Installed / If	\$215.00	LF
34.	Aluminum Storefront Window with 1" Insulated Glass (per s.f.)	\$98.00	SF
35.	Complete Furnishing and Installation of 3'-0" x 7'-0" Hollow Metal Door and frame Type NL with Classroom Type Door Hardware	\$2,660.00	EA
36.	Mass Earth Work / cy	\$40.00	CY
37.	Aggregate Piers / If		
38.	4" Slab on Grade with Welded Wire Reinforcements	\$8.50	SF
39.	6" C900 Water Main, Installed / If	\$71.00	LF
40,	Remove and replace unsuitable soils w/borrow /c.v.	\$165.00	CY

#### **DIRECT MATERIAL PURCHASES:**

Indicate on the lines below those materials to be purchased directly by the Owner with a Purchase Order to be issued by the Owner to the individual suppliers. The value of the direct Purchase Order cannot be less than \$5,000. Following the approval of bids, the Contractor shall formalize this list by completing and submitting the electronic Purchase Order Summary Form provided by KDE. Listing the supplier below means the Contractor is acknowledging authorization from the Supplier to include the Supplier in this bid.

A maximum of 50 POs will be acceptable with each bid. Do not add supplemental sheets for additional POs to this document.

The bidder shall submit the list of Purchase Orders within four (4) days of the bid.

	SUPPLIER	PURCHASE ORDER DESCRIPTION (to be filled out by the Contractor)	PURCHASE ORDER AMT. (to be filled out by the Contractor)
	(to be filled out by the Contractor)	(to be filled out by the Contractor)	(to be filled out by the Contractor)
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38		
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# Table of Contents South Hopkins Elementary VOLUME 1 of 3 BG# 23-030 SCB Project No. 2246

Unless noted otherwise, the following shall apply to all manufacturers listed herein. Subject to compliance with Contract Documents, manufactures listed are approved as a manufacturer only. This does not imply that specific products supplied by such manufacturers have been reviewed and comply with requirements. It shall be the manufacturer's / contractor's responsibility to ensure that <u>all</u> requirements of the Contract Documents are met.

DIVISION 0	0	- PROCUREMENT AND CONTRACTING REQUIREMENTS
000115	_	List of Drawing Sheets
001113	-	Advertisement for Bids
002213	-	Instructions to Bidders – A701-1997 (KDE Version)
002213.1	-	Supplementary Instructions to Bidders
002600	-	Procurement Substitution Procedures
		Certificate of Product Compliance for Proposed Substituted Products Form
004114	-	Form of Proposal (KDE 702 KAR 4:160)
004313	-	Bid Security Forms
		AIA Document A310 (Bid Bond)
		<ul> <li>AIA Document A312 Payment &amp; Performance Bond (KDE Version)</li> </ul>
004373	_	Proposed Schedule of Values
		<ul> <li>AIA Document G702 (Application and Certificate for Payment)</li> </ul>
		AIA Document G703 (Continuation Sheet)
004393	_	Bid Submittal Checklist
006000	-	Forms (AIA Documents)
		<ul> <li>AIA Doc A101 (Standard Form of Agreement between Owner &amp; Contractor) –</li> </ul>
		KDE Version
		<ul> <li>KDE FACPAC Purchase Order Form &amp; Instructions (702 KAR 4:160)</li> </ul>
		KDE Purchase Order Summary Form
		<ul> <li>AIA Document A201 (General Conditions of the Contract for Construction) – KDE</li> </ul>
		Version
		<ul> <li>AIA Document G706 (Contractor's Affidavit of Payment of Debts and Claims)</li> </ul>
		<ul> <li>AIA Document G706A (Contractor's Affidavit of Release of Liens)</li> </ul>

AIA Document G707 (Consent of Surety of Final Payment)

AIA Document G716 (Request for Information)
AIA Document G810 (Transmittal Letter)

006100 - Supplementary Conditions 006200 - Special Conditions

#### **DIVISION 01 - GENERAL REQUIREMENTS**

- 011000 Summary
- 012100 Allowances
- 012200 Unit Prices
- 012300 Alternates
- 012500 Substitution Procedures
- 012600 Contract Modification Procedures
- 012900 Payment Procedures
- 013100 Project Management and Coordination
- 013200 Construction Progress Documentation
- 013300 Submittal Procedures
- 014000 Quality Requirements
- 014100 Special Inspections
- 014200 References
- 015000 Temporary Facilities and Controls
- 015713 Sediment and Erosion Control
- 016000 Product Requirements
- 017300 Execution
- 017700 Closeout Procedures
- 017823 Operation and Maintenance Data
- 017839 Project Record Documents
- 017900 Demonstration and Training

# Table of Contents VOLUME 2 of 3 South Hopkins Elementary BG# 23-030 SCB Project No. 2246

Unless noted otherwise, the following shall apply to all manufacturers listed herein. Subject to compliance with Contract Documents, manufactures listed are approved as a manufacturer only. This does not imply that specific products supplied by such manufacturers have been reviewed and comply with requirements. It shall be the manufacturer's / contractor's responsibility to ensure that all requirements of the Contract Documents are met.

#### DIVISION 02 - DEMOLITION

023200 - Water / Wetland Delineation Report 023200.1 - Geotechnical Investigation and Report

024119 - Selective Demolition

#### **DIVISION 03 - CONCRETE**

031119 - Insulated Concrete Forms

031300 - Permanent Forms - Insulated Concrete Forms

033000 - Cast-In-Place Concrete

Attachment 1

Attachment 2

034100 - Precast Structural Concrete - Hollow Core Planks (HCP)

#### DIVISION 04 - MASONRY

042000 - Unit Masonry

#### DIVISION 05 - METALS

051200 - Structural Steel Framing

051213 - Architecturally Exposed Structural Steel Framing

052100 - Steel Joist Framing

053100 - Steel Decking

055000 - Metal Fabrications

055190 - Post Installed Concrete Anchors

#### DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

061000 - Rough Carpentry

061053 - Miscellaneous Rough Carpentry

061600 - Sheathing

064023 - Interior Architectural Woodwork 064100 - Architectural Wood Casework

#### DIVISION 07 - THERMAL AND MOISTURE PROTECTION

071113 - Bituminous Dampproofing

071900 - Water Repellents 072100 - Thermal Insulation

072119 - Foamed-In-Place Insulation

072500 - Weather Barriers 074213.02 - Metal Wall Panels

074213.23 - Metal Composite Material Wall Panels

075420 - Membrane Roofing

076200 - Sheet Metal Flashing and Trim

077200 - Roof Accessories

078413 - Penetration Firestopping

079200 - Joint Sealants

#### **DIVISION 08 - OPENINGS**

081113 - Hollow Metal Doors and Frames

081416 - Flush Wood Doors

083313 - Coiling Counter Doors

083323 - Overhead Coiling Doors

083613 - Sectional Doors

084113 - Aluminum Framed Entrances and Storefronts

084413 - Glazed Aluminum Curtainwalls

087100 - Door Hardware

088000 - Glazing

#### DIVISION 09 - FINISHES

092100 - Spray-on Acoustical Treatment

092216 - Non-Structural Metal Framing

092900 - Gypsum Board 093013 - Ceramic Tiling

095113 - Acoustical Panel Ceilings

095423 - Linear Metal Ceilings

096466 - Wood Flooring

096510 - Vinyl composition Tile

096513 - Resilient Base and Accessories

096519 - Luxury Vinyl Tile

098436 - Sound Absorbing Ceiling Units

099113 - Exterior Painting

099123 - Interior Painting

#### **DIVISION 10 - SPECIALTIES**

101100 - Visual Display Units

101416 - Plaques

101419 - Dimensional Letter Signage

101423 - Panel Signage

102239 - Folding Panel Partitions

102600 - Wall and Door Protection

102800 - Toilet, Bath, and Laundry Accessories

104413 - Fire Protection Cabinets

104416 - Fire Extinguishers

105300 - Aluminum Protective Canopies

197500 - Flagpole

107600 - Acoustic Specialties

#### DIVISION 11 - EQUIPMENT

114000 - Food Service Equipment 116623 - Gymnasium Equipment

#### **DIVISION 12 - FURNISHINGS**

122413 - Roller Window Shades

123216 - Manufactured Plastic-Laminate-Faced Casework

123520 - Music Education Storage Casework
 123623 - Plastic Laminate Clad Casework
 123623.13 - Plastic Laminate Clad Countertops

123662 - Solid Surface Countertops127600 - Telescoping Bleachers

#### DIVISION 13 - SPECIAL CONSTRUCTION

N/A

#### **SOUTH HOPKINS SCHOOL**

#### **HOPKINS COUNTY SCHOOLS**

#### **NORTONVILLE, KENTUCKY**

#### **MARCUM NO. 22626**

#### MECHANICAL AND ELECTRICAL SPECIFICATION INDEX

#### **DIVISION 21 - FIRE SUPPRESSION**

210000	General Provisions for Fire Suppression
210500	Common Work Results for Fire Suppression
211000	Water-Based Fire Suppression Systems

#### **DIVISION 22 - PLUMBING**

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#### DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

230000	General Provisions for Mechanical
230500	Common Work Results for Mechanical
230519	Meters and Gauges for Mechanical Piping
230523	General-Duty Valves for Mechanical Piping
230529	Hangers and Supports for Mechanical Piping and Equipment
230548	Vibration and Seismic Controls for Mechanical Piping and Equipment
230553	Identification for Mechanical Piping and Equipment
230593	Testing, Adjusting, and Balancing for HVAC
230700	Mechanical Insulation
230800	Commissioning of Mechanical and Electrical
230900	Instrumentation and Control for HVAC
230900.1	Controls Scope (Trane Package)
230993	Sequence of Operations for HVAC Controls
231123	Facility Natural-Gas Piping
232113	Hydronic Piping

232123	Hydronic Pumps
232300	Refrigerant Piping
232500	HVAC Water Treatment
233113	Metal Ducts
233117	Fabric Ductwork
233300	Air Duct Accessories
233423	HVAC Power Ventilators
233436	Circulation, Low Speed Airfoil Fans
233713	Diffusers and Grilles
233716	Louvers and Vents
233813	Commercial-Kitchen Hoods
234100	Particulate Air Filtration
235216	Condensing Boilers
235216.1	Hydronic Boilers (Trane Package)
236500	Cooling Towers
237413	Packaged, Outdoor, Central-Station Air-Handling Units
237438	Dedicated Ventilation Air Conditioner with Energy Recovery Ventilator
237438.1	Outside Air and Make-Up Units (Trane Package)
238128	Ductless Split-System Heat Pumps
238128.1	Ductless Split Heat Pumps (Trane Package)
238146	Water-Source Unitary Heat Pumps
238146.1	Water Source Heat Pumps (Trane Package)
238323	Radiant-Heating Electric Panels

#### DIVISION 26 - ELECTRICAL

260000	General Provisions for Electrical
260010	Supplemental Requirements for Electrical
260500	Common Work Results for Electrical
260519	Low-Voltage Electrical Power Conductors and Cables
260526	Grounding and Bonding for Electrical Systems
260529	Hangers and Supports for Electrical Systems
260533	Raceway and Boxes for Electrical Systems
260548	Vibration and Seismic Controls for Electrical Systems
260553	Identification for Electrical Systems
260800	Commissioning of Lighting Control System
260923	Lighting Control Devices
262200	Low-Voltage Transformers
262413	Switchboards
262416	Panelboards
262550	Generator Camlock Docking Station
262726	Wiring Devices
262816	Enclosed Switches and Circuit Breakers
262913	Enclosed Controllers
263213	Engine Generators
263353	Static Uninterruptible Power Supply
263600	Transfer Switches
264313	Surge Protective Devices for Low-Voltage Electrical Power Circuits
265100	Interior Lighting
265213	Emergency and Exit Lighting
235613	Lighting Poles and Standards
265619	LED Exterior Lighting

#### **DIVISION 27 - COMMUNICATIONS**

270000	General Provisions for Communications
270500	Common Work Results for Communications
270526	Grounding and Bonding for Communication Systems
270528	Pathways for Communications Systems
270529	Hangers and Supports for Communication Systems
270548	Vibration and Seismic Controls for Communications Systems
270553	Identification for Communications Systems
271100	Communications Equipment Room Fittings
271323	Communications Optical Fiber Backbone Cabling
271353	IP Network Compatible Video/Intercom
271513	Communications Copper Horizontal Cabling
275123.50	Educational Intercommunication and Program System

#### DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

280000	General Provisions for Electronic Safety and Security
280500	Common Work Results for Electronic Safety and Security
280513	Conductors and Cables for Electronic Safety and Security
283111	Voice Evac Addressable Fire-Alarm System

#### **DIVISION 31 – EARTHWORK**

310000	Earthwork
311000	Site Clearing
312000	Earth Moving
312200	Grading
312316.13	Trenching
312316	Excavation
312319	Dewatering (During Construction)
312323	Fill
312500	Erosion and Sediment Control
313116	Termite Control

#### **DIVISION 32 - EXTERIOR IMPROVEMENTS**

321123	Aggregate Base Courses
321216	Asphalt Paving
321313	Cement Concrete Pavement
321373	Concrete Pavement Joint Sealants
321713	Concrete Wheel Stops
321723	Painted Pavement Markings
321813	Synthetic Turf System (Base Only)
323113	Chain-Link Fences and Gates
329200	Lawns and Grasses
329300	Landscape Plantings

#### **DIVISION 33 - SITE UTILITIES**

330513	Manholes and Structures
331114	Municipal Water Distribution
331313	Facility Sanitary Sewers
331314	Municipal Sanitary Sewers
334111	Site Storm Utility Drainage Piping
334600	Subdrainage
334900	Storm Drainage Structures

#### SECTION 000115 - LIST OF DRAWING SHEETS

#### PART 1 - List of Drawing Sheets

#### 1.1 LIST OF DRAWINGS

- A. Drawings: Drawings consist of the Contract Drawings and other drawings listed on the Table of Contents page of the separately bound drawing set titled: Southside Elementary Renovation & Addition dated <u>September 18, 2023</u>, modified by subsequent Addenda and Contract modifications.
- B. List of Drawings: Drawings consist of the following Contract Drawings and other drawings of type indicated:

#### CIVIL

#### SS1.0 SITE SURVEY

- SU1.0 EXISTING UTILITY DEMOLITION PLAN
- SU1.1 SITE UTILITY PLAN
- SU1.2 ENLARGED SITE UTILITY PLAN
- SU1.3 ENLARGED SITE UTILITY PLAN
- SU1.4 ENLARGED SITE UTILITY PLAN
- SU1.5 ENLARGED SITE UTILITY PLAN
- SU1.6 SANITARY SEWER PROFILES
- SU1.7 WATER MAIN PLAN & PROFILE VIEWS
- SU1.8 UTILITY DETAILS
- SU1.9 UTILITY DETAILS
- **DS1.1 DEMOLITION PLAN**
- DS1.2 DEMOLITION PLAN
- DS1.3 DEMOLITION PLAN
- SD1.0 SITE DEVELOPMENT PLAN
- SD1.1 SITE DEVELOPMENT PLAN
- SD1.2 SITE DEVELOPMENT PLAN
- SD1.3 SITE DEVELOPMENT PLAN
- SD2.0 OVERALL SITE GRADING AND DRAINAGE PLAN
- SD2.1 SITE GRADING AND DRAINAGE PLAN
- SD2.2 SITE GRADING AND DRAINAGE PLAN
- SD2.3 SITE GRADING AND DRAINAGE PLAN
- SD2.4 SITE GRADING AND DRAINAGE PLAN
- SD2.5 SITE SEDIMENT CONTROL PLAN
- SD3.1 SITE DETAILS
- SD3.2 SITE DETAILS
- SD4.0 SITE DETAILS
- SD4.1 SITE DETAILS
- SD4.2 SITE DETAILS

#### **STRUCTURAL**

- S0.1 STRUCTURAL NOTES
- S0.2 STRUCTURAL NOTES
- S0.3 STRUCTURAL NOTES SPECIAL INSPECTIONS
- \$1.0 OVERALL AGGREGATE PIER PLAN
- \$1.1 OVERALL FOUNDATION PLAN

- \$1.2 FOUNDATION PLAN AREA A
- \$1.3 FOUNDATION PLAN AREA B
- \$1.4 FOUNDATION PLAN AREA C
- S1.5 FOUNDATION PLAN AREA D
- S1.6 OVERALL SECOND FLOOR FRAMING PLAN
- S1.7 SECOND FLOOR FRAMING PLAN AREA A
- S1.8 SECOND FLOOR FRAMING PLAN AREA B
- S1.9 SECOND FLOOR FRAMING PLAN AREA C
- S1.10 LOW ROOF FRAMING PLAN AREA "A", AREA "C" AND AREA "D"
- S1.11 OVERALL ROOF FRAMING PLAN
- S1.12 ROOF FRAMING PLAN AREA "A"
- S1.13 ROOF FRAMING PLAN AREA "B" AND AREA "C"
- S2.0 TYPICAL CONCRETE DETAILS, FOUNDATION SCHEDULES
- S2.1 FOUNDATION SECTIONS AND DETAILS
- S2.2 FOUNDATION SECTIONS AND DETAILS
- S2.3 FOUNDATION SECTIONS AND DETAILS
- \$2.4 FOUNDATION SECTIONS AND DETAILS
- S2.5 FOUNDATION SECTIONS AND DETAILS
- S3.0 TYPICAL BAR JOIST, METAL DECK AND STEEL FRAMING DETAILS STEEL BEAM SCHEDULE
- S3.1 TYPICAL STEEL FRAMING DETAILS
- S3.2 STEEL BEAM SCHEDULE
- S4.0 MASONRY HEADER BEAM SCHEDULE, TYPICAL MASONRY DETAILS
- S4.1 TYPICAL MASONRY DETAILS
- S4.2 ICF HEADER BEAM SCHEDULE, TYPICAL ICF DETAILS
- S4.3 TYPICAL ICF WALL SECTIONS AND DETAILS
- S4.4 TYPICAL ICF WALL SECTIONS AND DETAILS
- S4.5 TYPICAL MASONRY DETAILS
- S5.1 CONCRETE HOLLOW CORE PLANKS (HCP) FLOOR FRAMING SECTIONS AND DETAILS
- S5.2 CONCRETE HOLLOW CORE PLANKS (HCP) FLOOR FRAMING SECTIONS AND DETAILS
- S5.3 CONCRETE HOLLOW CORE PLANKS (HCP) FLOOR FRAMING SECTIONS AND DETAILS
- S5.4 CONCRETE HOLLOW CORE PLANKS (HCP) FLOOR FRAMING SECTIONS AND DETAILS
- \$5.5 LIGHT-GAUGE METAL FRAMING SECTIONS + DETAILS
- S6.1 ROOF FRAMING STEEL SECTIONS AND DETAILS
- S6.2 ROOF FRAMING STEEL SECTIONS AND DETAILS
- S6.3 ROOF FRAMING STEEL SECTIONS AND DETAILS
- S6.4 ROOF FRAMING STEEL SECTIONS AND DETAILS ROOF FRAMING STEEL SECTIONS AND DETAILS
- S6.5 ROOF FRAMING STEEL SECTIONS AND DETAILS S6.6 ROOF FRAMING – STEEL SECTIONS AND DETAILS
- S7.1 MISC. HOLLOW CORE PLANK AND OPEN-WEB BAR JOISTS SECTIONS AND DETAILS
- S7.2 MISC, OPEN-WEB BAR JOISTS SECTIONS AND DETAILS
- S7.3 MISCELLANEOUS SECTIONS AND DETAILS

#### **ARCHITECTURAL**

- C0.1 CODE INFORMATION
- C0.2 TORNADO SHELTER REQUIREMENTS
- NO.1 ABBREVIATIONS, SYMBOL LEGEND, GENERAL NOTES AND PARTITION TYPES
- D1.1 DEMOLITION PLANS
- A0.1 FIRST FLOOR OVERALL PLAN
- A0.2 SECOND FLOOR OVERALL PLAN
- A1.1 FIRST FLOOR PLAN AREA A
- A1.2 FIRST FLOOR PLAN AREA B
- A1.3 FIRST FLOOR PLAN AREA C
- A1.4 FIRST FLOOR PLAN AREA D
- A1.5 SECOND FLOOR PLAN & MECHANICAL PLATFORM
- A1.6 EXISTING SCHOOL PLAN FLOORING REPLACEMENT ALT. 03
- A2.1 ENLARGED PLANS
- A2.2 ENLARGED PLANS

- A2.3 ENLARGED PLANS
- A2.4 ENLARGED KITCHEN PLAN
- A2.5 ENLARGED RESTROOM PLANS
- A2.6 ENLARGED STAIRS & ELEVATOR PLANS & DETAILS
- A2.7 STAIR AND ELEVATOR DETAILS
- A2.8 ENLARGED PLANS, CASEWORK NOTES & DETAILS
- A3.1 BUILDING ELEVATIONS
- A3.2 BUILDING ELEVATIONS
- A3.3 BUILDING ELEVATIONS
- A4.1 ROOF PLAN & DETAILS
- A4.2 ROOF DETAILS
- A4.3 ROOF DETAILS
- A5.1 BUILDING SECTIONS
- A5.2 ENTRANCE CANOPY DETAILS
- A5.3 REAR ENTRANCE CANOPY DETAILS
- A5.4 PEDESTRIAN WALKWAY DETAILS
- A6.1 TYPICAL PLAN DETAILS
- A6.2 TYPICAL MISCELLANEOUS DETAILS
- A7.1 FIRST FLOOR REFLECTED CEILING PLAN AREA A
- A7.2 FIRST FLOOR REFLECTED CEILING PLAN AREA B
- A7.3 FIRST FLOOR REFLECTED CEILING PLANS AREA C
- A7.4 FIRST FLOOR REFLECTED CEILING PLANS AREA D
- A7.5 SECOND FLOOR REFLECTED CEILING PLAN
- A8.1 DOOR SCHEDULE AND DOOR AND FRAME ELEVATIONS
- A8.2 FRAME ELEVATIONS AND DETAILS
- A8.3 MEDIA CENTER WINDOW DETAILS
- A8.4 FRAME DETAILS
- A8.5 FRAME DETAILS
- A8.6 FRAME DETAILS
- A9.1 FIRST FLOOR PATTERN AND SIGNAGE PLAN
- A9.2 SECOND FLOOR PATTERN AND SIGNAGE PLAN
- A9.3 STRIPING PLAN

#### MEP

- UE1.1 ELECTRICAL SITE UTILITY PLAN
- UE4.1 ELECTRICAL SITE UTILITY DETAILS
- UE4.2 ELECTRICAL SITE UTILITY DETAILS
- FP0.1 FIRE PROTECTION LEAD SHEET
- DFP1.1 FIRE PROTECTION ENLARGED DEMOLITION PLANS
- FP1.1 FIRE PROTECTION FIRST FLOOR PLAN AREA A
- FP1.2 FIRE PROTECTION FIRST FLOOR PLAN AREA B
- FP1.3 FIRE PROTECTION FIRST FLOOR PLAN AREA C
- FP1.4 FIRE PROTECTION FIRST FLOOR PLAN AREA D
- FP1.5 FIRE PROTECTOIN SECOND FLOOR PLAN
- P0.1 PLUMBING LEAD SHEET
- DP1.1 PLUMBING ENLARGED DEMOLITION PLANS
- P1.1 PLUMBING FIRST FLOOR PLAN AREA A
- P1.2 PLUMBING FIRST FLOOR PLAN AREA B
- P1.3 PLUMBING FIRST FLOOR PLAN AREA C
- P1.4 PLUMBING FIRST FLOOR PLAN AREA D
- P1.5 PLUMBING SECOND FLOOR PLAN
- P1.6 PLUMBING SUPPLIES FIRST FLOOR PLAN AREA A
- P1.7 PLUMBING SUPPLIES FIRST FLOOR PLAN AREA B
- P1.8 PLUMBING SUPPLIES FIRST FLOOR PLAN AREA C
- P1.9 PLUMBING SUPPLIES FIRST FLOOR PLAN AREA D

000115 - 3

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P1.10 PLUMBING SUPPLIES SECOND FLOOR PLAN
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- P2.1 PLUMBING ENLARGED KITCHEN FLOOR PLAN
- P2.2 PLUMBING SUPPLIES ENLARGED KITCHEN FLOOR PLAN
- P3.1 PLUMBING DWV DIAGRAM
- P3.2 PLUMBING DWV DIAGRAM
- P3.3 PLUMBING DWV DIAGRAM
- P3.4 PLUMBING DWV DIAGRAM
- P3.5 PLUMBING DWV DIAGRAM
- P3.6 PLUMBING DWV DIAGRAM
- P3.7 PLUMBING DWV DIAGRAM
  P3.8 PLUMBING DWV DIAGRAM
- P3.8 PLUMBING DWV DIA P4.1 PLUMBING DETAILS
- P4.2 PLUMBING DETAILS
- P4.3 PLUMBING DETAILS
- P5.1 PLUMBING SCHEDULES
- H0.1 HVAC LEAD SHEET
- DH1.1 HVAC ENLARGED DEMOLITION PLANS
- H1.1 HVAC FIRST FLOOR SA AND RA PLAN AREA A
- H1.2 HVAC FIRST FLOOR SA AND RA PLAN AREA B
- H1.3 HVAC FIRST FLOOR SA AND RA PLAN AREA C
- H1.4 HVAC FIRST FLOOR SA AND RA PLAN AREA D
- H1.5 HVAC SECOND FLOOR SA AND RA PLAN
- H1.6 HVAC FIRST FLOOR OA AND EA PLAN AREA A
- H1.7 HVAC FIRST FLOOR OA AND EA PLAN AREA B
- H1.8 HVAC FIRST FLOOR OA AND EA PLAN AREA C
- H1.9 HVAC SECOND FLOOR OA AND EA PLAN
- H1.10 HVAC PIPING FIRST FLOOR PLAN AREA A
- H1.11 HVAC PIPING FIRST FLOOR PLAN AREA B
- H1.12 HVAC PIPING FIRST FLOOR PLAN AREA C
- H1.13 HVAC PIPING FIRST FLOOR PLAN AREA D
- H1.14 HVAC PIPING SECOND FLOOR PLAN
- H4.1 HVAC DETAILS
- H4.2 HVAC DETAILS
- H4.3 HVAC DETAILS
- H5.1 HVAC SCHEDULES
- H5.2 HVAC SCHEDULES
- H5.3 HVAC SCHEDULES
- ME1.1 MECHANICAL ELECTRICAL ROOF PLAN
- ME4.1 MECHANICAL ELECTRICAL STORM SHELTER DETAILS AND NOTES
- E0.1 ELECTRICAL LEAD SHEET
- E0.2 ELECTRICAL LEAD SHEET
- DE1.1 ELECTRICAL ENLARGED DEMOLITION PLANS
- E1.1 LIGHTING FIRST FLOOR PLAN AREA A
- E1.2 LIGHTING FIRST FLOOR PLAN AREA B
- E1.3 LIGHTING FIRST FLOOR PLAN AREA C
- E1.4 LIGHTING FIRST FLOOR PLAN AREA D
- E1.5 LIGHTING SECOND FLOOR PLAN
- E1.6 POWER & SPECIAL SYSTEMS FIRST FLOOR PLAN AREA A
- E1.7 POWER & SPECIAL SYSTEMS FIRST FLOOR PLAN AREA B
- E1.8 POWER & SPECIAL SYSTEMS FIRST FLOOR PLAN AREA C
- E1.9 POWER & SPECIAL SYSTEMS FIRST FLOOR PLAN AREA D
- E1.10 POWER & SPECIAL SYSTEMS SECOND FLOOR PLAN
- E1.11 ELECTRICAL OVERALL FIRST FLOOR PLAN
- E1.12 ELECTRICAL OVERALL SECOND FLOOR PLAN
- E2.1 ELECTRICAL ENLARGED KITCHEN PLAN
- E3.1 ELECTRICAL RISER DIAGRAM
- E3.2 ELECTRICAL RISER DIAGRAM

**ELECTRICAL DETAILS** E4.1 **ELECTRICAL DETAILS** E4.2 **ELECTRICAL DETAILS** E4.3 **ELECTRICAL DETAILS** E4.4 **ELECTRICAL DETAILS** E4.5 **ELECTRICAL DETAILS** E4.6 E4.7 **ELECTRICAL DETAILS ELECTRICAL SCHEDULES** E5.1 E5.2 **ELECTRICAL SCHEDULES** E5.3 **ELECTRICAL PANEL SCHEDULES** E5.4 **ELECTRICAL PANEL SCHEDULES** E5.5 **ELECTRICAL PANEL SCHEDULES** 

**SECTION 000115**