

PROPOSALS TABULATION
DUCT CLEANLINESS INSPECTION
HENDERSON SOUTH MIDDLE SCHOOL
HENDERSON, KENTUCKY
MARCUM NO. 24618
MAY 30, 2025

CONTRACTOR	ACKNOWLEDGES DOCUMENTS	PROPOSAL AMOUNT
HUGHES ENVIRONMENTAL, CHUCK COOPER	X	\$5,554.40
HASGOE, MATT GOEBEL	X	\$4,840.00

HVAC RENOVATION
HENDERSON SOUTH MIDDLE SCHOOL
800 S ALVES STREET
HENDERSON COUNTY SCHOOL DISTRICT
MARCUM NO. 24618

REQUEST FOR PROPOSAL

FROM: Elijah Arterburn, Marcum Engineering
DATE: May 21, 2025
SUBJECT: Duct Cleanliness Inspection

RATIONALE:

Inspection of ductwork is required to determine the extent of ductwork cleaning for the subject project.

DESCRIPTION OF REQUEST:

Provide a lump-sum proposal to for the following scope of work.

Scope:

1. Perform visual inspections and make digital photographs at each test location.
2. Submit a combined report describing inspection observations and proposed cleaning/sealing plan. Indicate test locations on HVAC drawings.

Test Locations:

- See attached highlighted drawings.

Schedule:

1. The lowest proposal shall be reviewed and accepted no later than 5 business days after proposals are due.
2. The work associated with this proposal shall be coordinated with the Owner and completed no later than three (3) weeks after the bid is awarded.

If existing access doors are not available, install new access doors and replace and secure insulation on access doors for supply ducts.

Proposals shall be emailed to Elijah Arterburn of Marcum Engineering at earterburn@marcumengineering.net by **Wednesday, May 28, 2025, at 2:00 PM CT.**

ATTACHMENTS:

1. Duct Inspection Locations

END OF DOCUMENT

MECHANICAL DEMOLITION TAG NOTES	
(APPLIES TO THIS DRAWING ONLY)	
1	REMOVE HYDRONIC PIPING, CONDENSATE PIPING, INCLUDING HANGERS, SUPPORTS, ETC. IN ITS ENTIRETY.
2	DISCONNECT HYDRONIC PIPING, CONDENSATE PIPING, AND CONTROLS. REMOVE HEAT PUMP SYSTEM INCLUDING DUCT, GRILLES, DIFFUSERS, HANGERS, SUPPORTS, ETC. IN ITS ENTIRETY. COORDINATE REMOVAL WITH ELECTRICAL CONTRACTOR. REMOVE HYDRONIC PIPING HOSE KITS AND CUT PIPING BACK TO REMOVE ALL VALVES, AIR VENTS ETC. PREPARE EXISTING PIPING FOR NEW PIPING CONNECTION. FIELD VERIFY REMOVAL REQUIREMENTS. SEE NEW WORK PLAN.
3	REMOVE CONSOLE UNIT VENTILATOR, INCLUDING CONTROLS, HOT WATER PIPING, ETC. IN ITS ENTIRETY. COORDINATE REMOVAL WITH ELECTRICAL CONTRACTOR. PATCH AND REPAIR ANY DAMAGE TO EXISTING WALL BY UNIT DEMOLITION.
4	DISCONNECT AND REMOVE CHILLER IN ITS ENTIRETY. RECOVER REFRIGERANT AND LEGALLY DISPOSE OF PER STATE AND LOCAL CODES. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF CHILLER.
5	REMOVE CHILLER PUMPS AND ALL CHILLED WATER SUPPLY AND RETURN PIPING INCLUDING SUPPORTS, VALVES, ACCESSORIES, ETC. PATCH FLOOR PENETRATIONS TO EXISTING CONSOLE UNITS AND MATCH EXISTING. CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE LOCATIONS AND QUANTITIES.
6	EXISTING ABANDONED STEAM PUMPS AND ASSOCIATED PIPING SHALL REMAIN.

NOT FOR
CONSTRUCTION

DEMOLITION HVAC FIRST FLOOR PLAN - AREAS C2 & C3
SOUTH MIDDLE SCHOOL HVAC RENOVATION
FOR:
HENDERSON COUNTY BOARD OF EDUCATION
HENDERSON, KENTUCKY

M.E.P. Engineer:
Marcum Engineering, LLC
Paducah, KY Office
p 270.444.9274
Structural Engineer:
SPW Engineering & Testing
Paducah, KY Office
p 270.443.1995
Construction Manager:
Coodell Construction Co.
p 859.744.2222

BG 25-225

Project No: 24616
Drawn By: AR
Rev'd By: BO

SHEET RELEASE

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DATE ISSUED:
4/7/25

PHOTO OF UNDER STAGE RA DUCTWORK.



PHOTO OF RA DUCTWORK IN VERTICAL.



PROJECT NORTH
BASEMENT FLOOR PLAN - AREA C1
SCALE: 1/8" = 1'-0"

PROJECT NORTH
1ST FLOOR PLAN - AREA C2
SCALE: 1/8" = 1'-0"

SCALE: NTS

MECHANICAL DEMOLITION TAG NOTES	
(APPLIES TO THIS DRAWING ONLY)	
1	DISCONNECT HYDRONIC PIPING, CONDENSATE PIPING, AND CONTROLS. REMOVE AIR HANDLER AND PREPARE EXISTING DUCTWORK FOR CONNECTION TO NEW AIR HANDLER.
2	DEMOLISH EXISTING LOUVER AND PATCH. SEE ARCHITECTURAL DRAWINGS.
3	DEMOLISH EXISTING ROOFTOP AIR INTAKE, INCLUDING ROOF CURB IN ITS ENTIRETY.
4	DEMOLISH EXISTING BRANCH DUCT AND DIFFUSER. PREPARE EXISTING DUCT MAIN FOR NEW BRANCH DUCT. SEE NEW WORK PLAN.

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DEMOLITION HVAC SECOND FLOOR PLAN - AREA C3
SOUTH MIDDLE SCHOOL HVAC RENOVATION
FOR:
HENDERSON COUNTY BOARD OF EDUCATION
HENDERSON, KENTUCKY

M.E.P. Engineer:
Marcum Engineering, LLC
Paducah, KY Office
p 270.444.9274
Structural Engineer:
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Construction Manager:
Cordell Construction Co.
p 859.744.2222

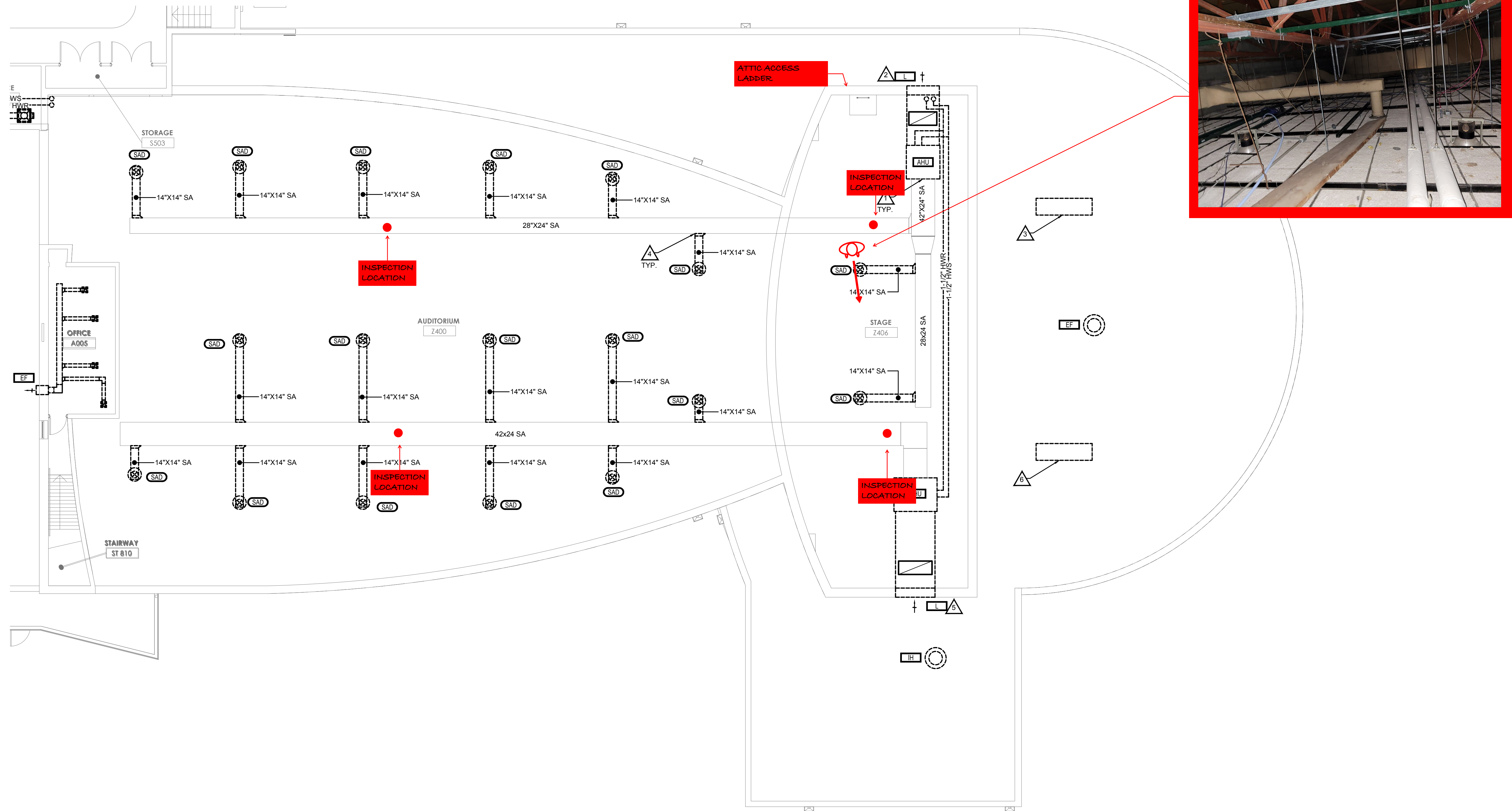
BG 25-225

Project No: 24616
Drawn By: AR
Rev'd By: BO

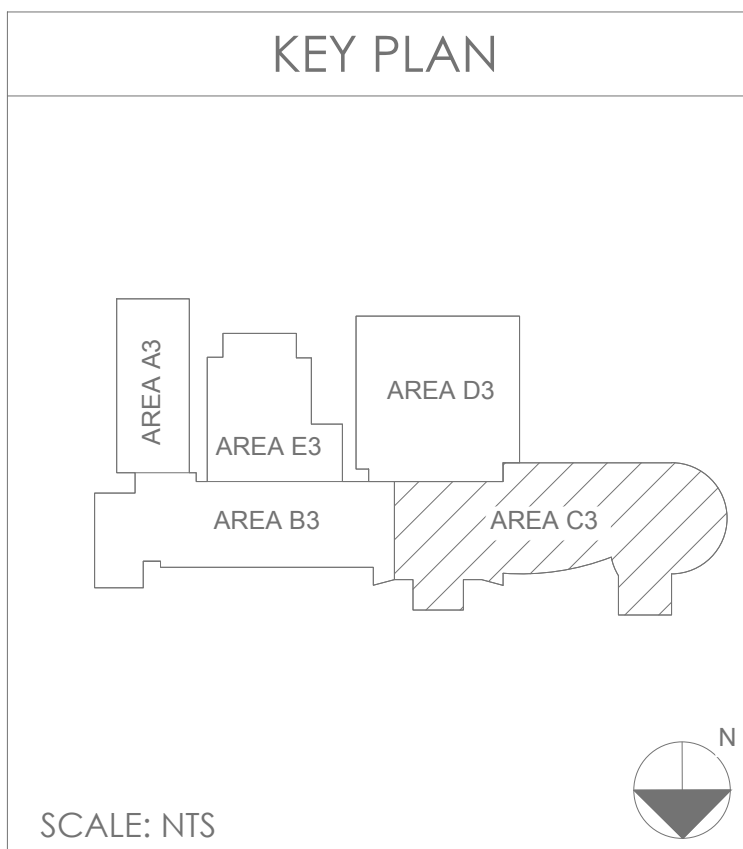
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PROJECT
NORTH
2ND FLOOR PLAN - AREA C3
SCALE: 1/8" = 1'-0"



MECHANICAL
DEMOLITION TAG NOTES

(APPLIES TO THIS DRAWING ONLY)

1

REMOVE ALL RETURN DUCT AND FITTINGS BACK TO LOUVER. DISCONNECT CONTROLS. CLOSE LOUVER DAMPER, BLANK OFF LOUVER AND SEAL WEATHER TIGHT. SEE HVAC DETAILS.

2

DEMOLISH EXISTING SIDEWALL EXHAUST FAN IN ENTIRETY. PATCH WALL PER ARCHITECTURAL DRAWINGS.

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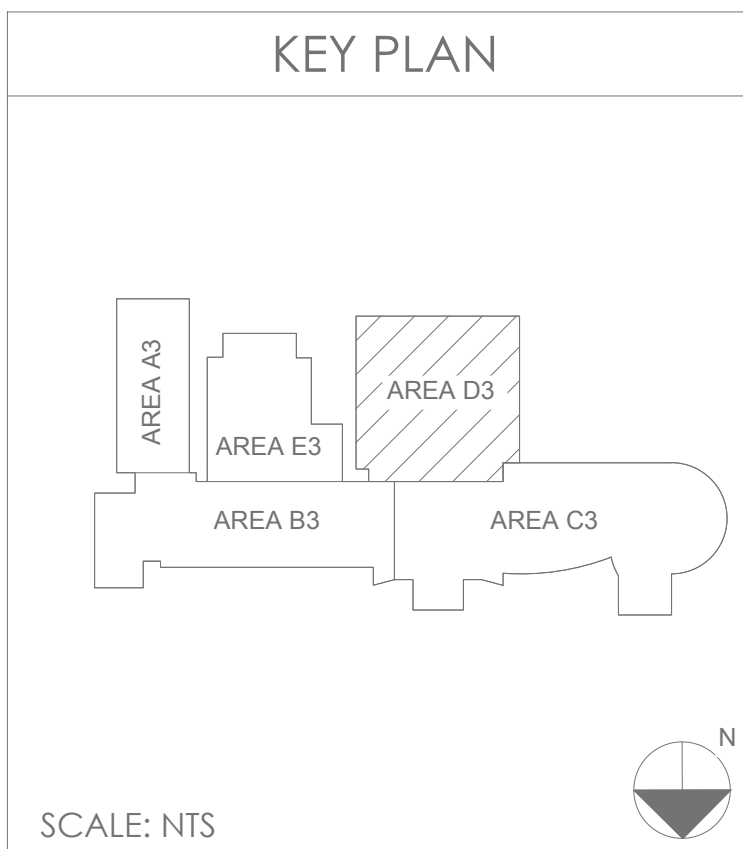
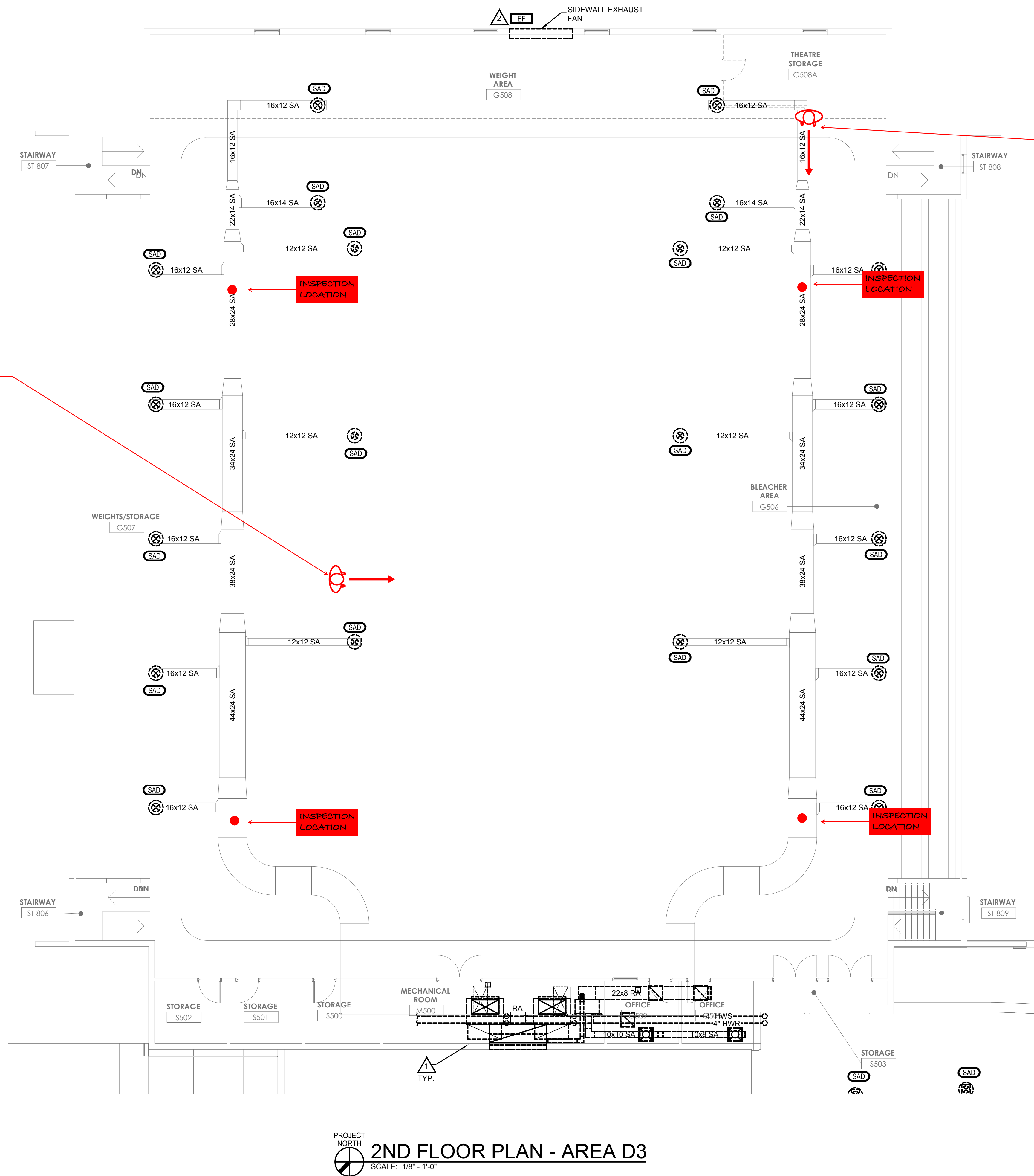
DEMOLITION HVAC SECOND FLOOR PLAN - AREA D3
SOUTH MIDDLE SCHOOL HVAC RENOVATION
FOR:
HENDERSON COUNTY BOARD OF EDUCATION
HENDERSON, KENTUCKY

M.E.P. Engineer:
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Construction Manager:
Cordell Construction Co.
p 859.744.2222

BG 25-225	
Project No:	24616
Drawn By:	AR
Rev'd By:	BO
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MECHANICAL DEMOLITION TAG NOTES	
(APPLIES TO THIS DRAWING ONLY)	
1	REMOVE HYDRONIC PIPING, CONDENSATE PIPING, INCLUDING HANGERS, SUPPORTS, ETC. IN ITS ENTIRETY.
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3	REMOVE ALL DUCT AND FITTINGS BACK TO LOUVER. DISCONNECT CONTROLS, CLOSE LOUVER DAMPER, BLANK OFF LOUVER AND SEAL WEATHER TIGHT. SEE HVAC DETAILS.
4	REMOVE ALL EQUIPMENT IN MECHANICAL ROOM INCLUDING HANGERS, SUPPORTS AND CONTROLS IN ITS ENTIRETY.

NOT FOR
CONSTRUCTION

DEMOLITION HVAC BASEMENT FLOOR PLAN - AREA D1
SOUTH MIDDLE SCHOOL HVAC RENOVATION
FOR:
HENDERSON COUNTY BOARD OF EDUCATION
HENDERSON, KENTUCKY

M.E.P. Engineer:
Marcum Engineering, LLC
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p 270.444.9274
Structural Engineer:
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Construction Manager:
Cordell Construction Co.
p 859.744.2222

BG 25-225

Project No: 24616
Drawn By: JR
Rev'd By: BO

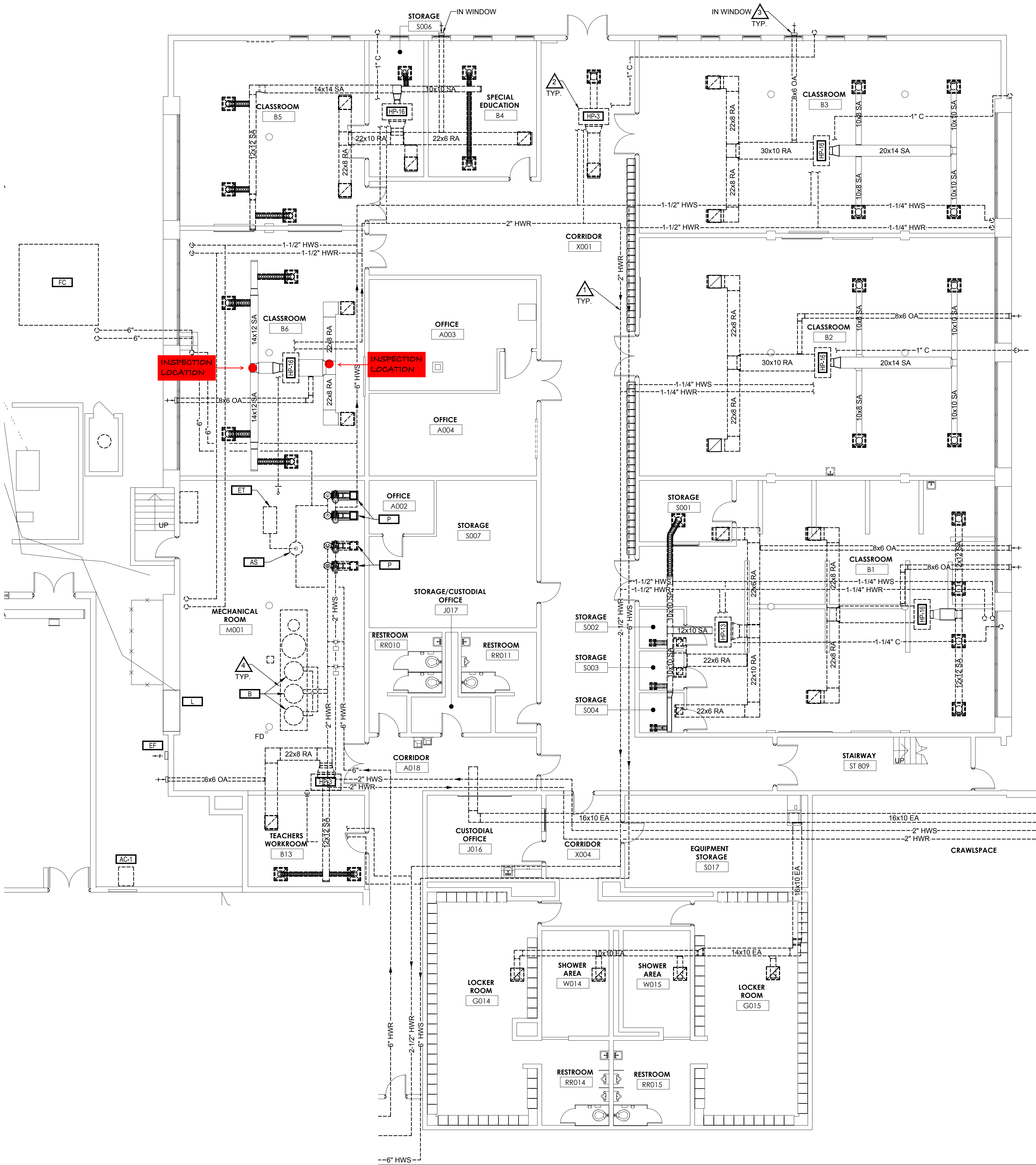
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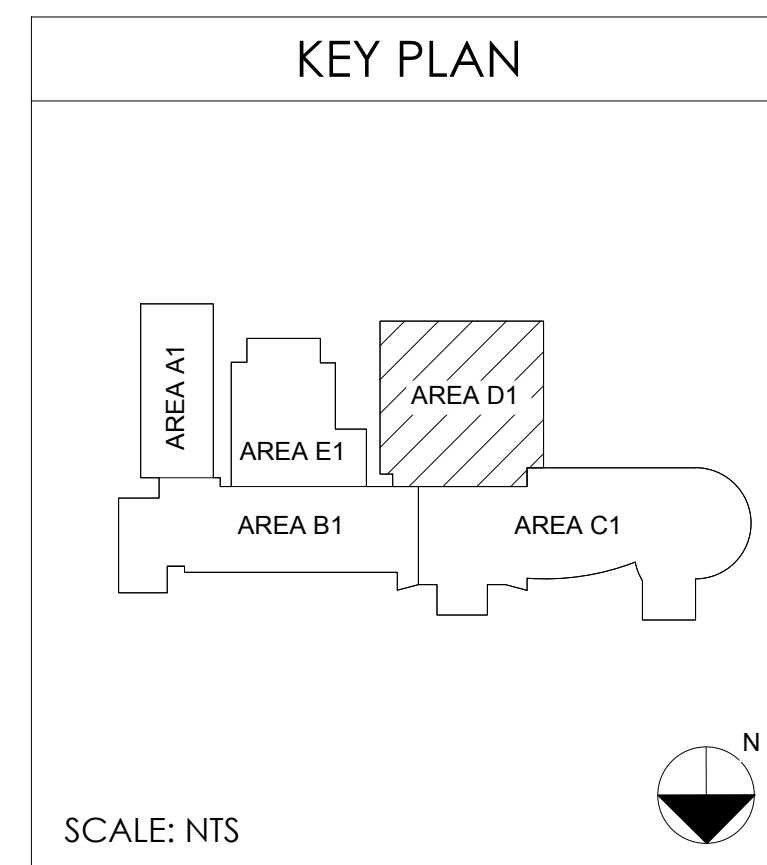
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PROJECT NORTH
SCALE: 1/8" = 1'-0"
BASEMENT FLOOR PLAN - AREA D1



SCALE: NTS



Hasgoe
901 Keck Ave
Evansville, IN 47711
(812) 464-2402
www.hasgoe.com

Estimate

Estimate No: 33690

Customer Info.		Service Location	Job Info.
Name: Henderson County School District		Henderson South Middle School	Order Group: COMMERCIAL
Address: 1805 2nd St		800 S Alves St	0717 - DUCT CLEANING
Henderson, KY 42420		Henderson, KY 42420	
Phone:			

QTY	Description	PRICE	AMOUNT
	We propose to provide Duct Inspection Services at the above site location as per the following scope of work:		
	Perform visual inspections and make digital photographs at each test location as specified by highlighted drawings. Submit a combined report describing inspection observations and proposed cleaning plan. Install new access doors and replace and secure insulation as needed. Hasgoe estimates approximately 14 inspection locations and 14 access doors installed. Access doors to be installed by an HVAC Contractor.		
1	Your total investment for the above services	4,840.00	4,840.00
	Note: Customer to provide ariel lift. All work to be performed during the hours of 7:30am - 4:00pm, Monday - Friday.		
Notes:		TOTAL	\$4,840.00

Thank you for your business

A signature constitutes an agreement to the following:

The above scope of work, specifications and pricing are hereby accepted. Hasgoe is authorized to complete the work as specified. Payment Terms: Due upon receipt of invoice unless otherwise stated above. This estimate good for 90 days.

Authorization Signature

Date:

Date: 5/29/2025