



Houston  
 10930 W. Sam Houston Pkwy North, Suite 900  
 Houston, TX 77064  
 Salas O'Brien Registration: F-4111  
 Salas O'Brien Project Number: 2024-03602-00

# BEAUMONT INDEPENDENT SCHOOL DISTRICT FIRE ALARM REPLACEMENT HOMER



## LIST OF DRAWINGS:

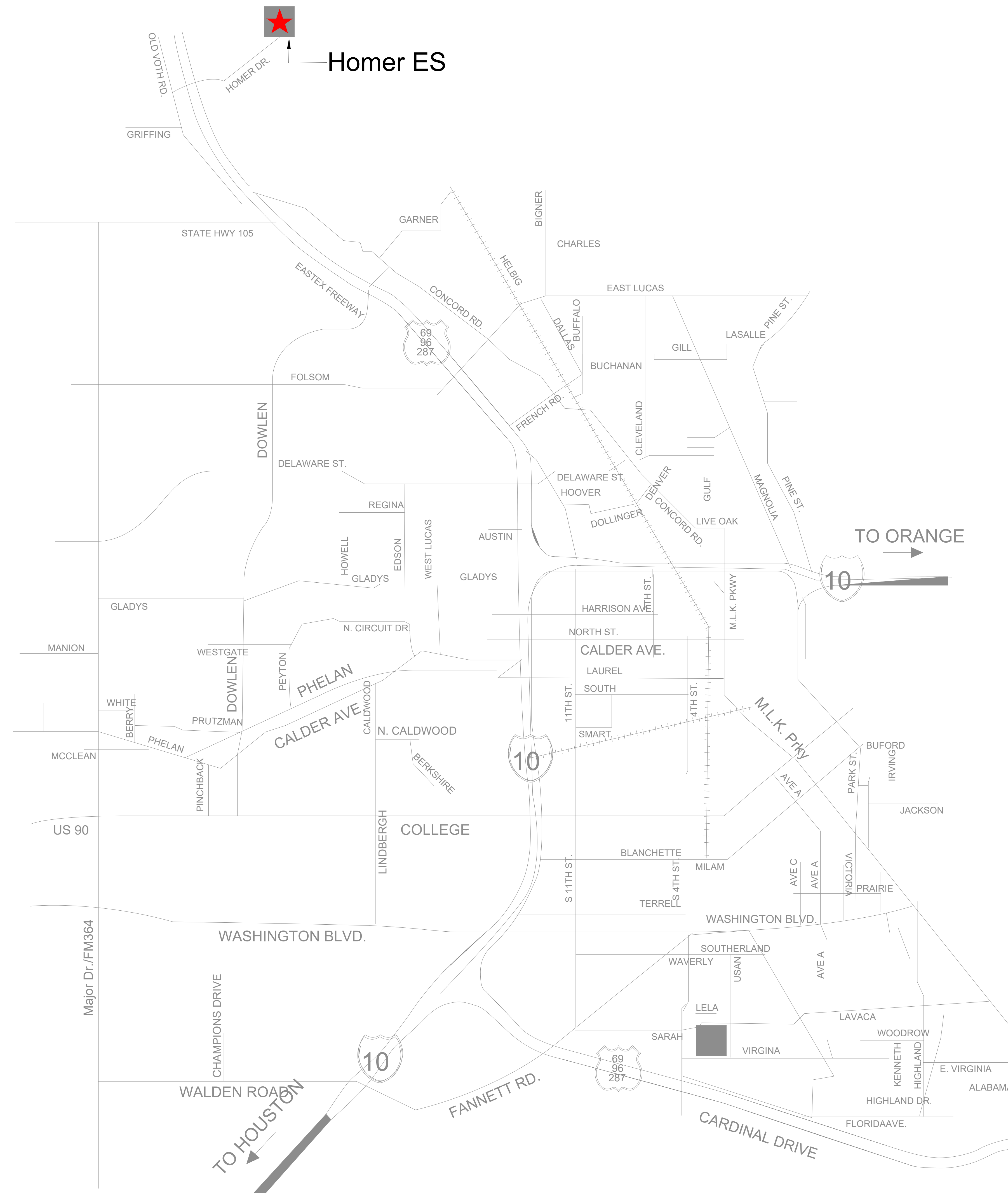
### CS-1 COVER SHEET - LIST OF DRAWINGS

#### HOMER DRIVE ELEMENTARY

- T0.01** TECHNOLOGY NOTES AND LEGEND
- T1.01** BUILDING A - TECHNOLOGY FLOOR PLAN - EXISTING
- T1.02** BUILDING B - TECHNOLOGY FLOOR PLAN - EXISTING
- T1.03** BUILDING C - TECHNOLOGY FLOOR PLAN - EXISTING
- T1.04** BUILDING D - TECHNOLOGY FLOOR PLAN - EXISTING
- T1.05** GYMNASIUM & CAFETERIA - TECHNOLOGY FLOOR PLAN - EXISTING
- T2.01** BUILDING A - TECHNOLOGY FLOOR PLAN
- T2.02** BUILDING B - TECHNOLOGY FLOOR PLAN
- T2.03** BUILDING C - TECHNOLOGY FLOOR PLAN
- T2.04** BUILDING D - TECHNOLOGY FLOOR PLAN
- T2.05** GYMNASIUM & CAFETERIA - TECHNOLOGY FLOOR PLAN

**HOMER DRIVE ELEMENTARY SCHOOL**  
 8950 Homer Drive, Beaumont 77708

### SITE LOCATIONS



10-11-2024

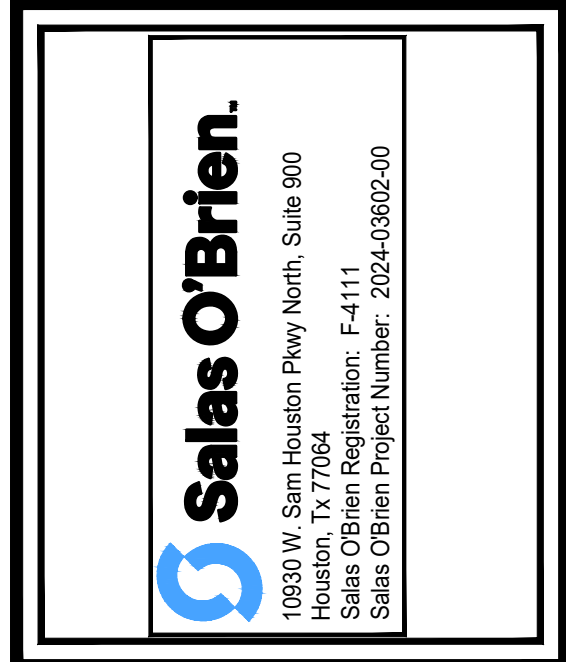
Project No:	2024-03602-00
Drawn By:	MA
Checked By:	AY
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Revision Dates:	
10/11/24 Issue for Proposal	

FIRE ALARM LEGEND	
GROUP	SYMBOL DESCRIPTION
DEVICES	(S) SMOKE DETECTOR
	(F) FIRE ALARM MANUAL PULL STATION
	(AV) CEILING MOUNTED AUDIO/VISUAL FIRE ALARM DEVICE
	[AV] WALL MOUNTED AUDIO/VISUAL FIRE ALARM DEVICE
	◁AV WEATHERPROOF AUDIO/VISUAL FIRE ALARM DEVICE (MOUNT AT +80" AFF)
	[FACP] FIRE ALARM CONTROL PANEL
	[FAA] FIRE ALARM ANNUNCIATOR
	[BPS] BOOSTER POWER SUPPLY

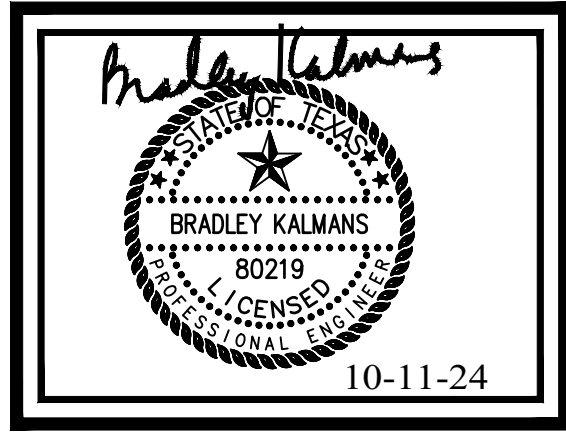
DEMOLITION GENERAL NOTES
<ol style="list-style-type: none"> <li>ALL EXISTING FIRE ALARM DEVICES ARE TO BE REMOVED IN THEIR ENTIRETY, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL REMOVE THESE DEVICE AND RETURN THEM TO THE OWNER, OR DISCARD THEM UPON THE OWNER'S INSTRUCTIONS.</li> <li>PROVIDE AND INSTALL STAINLESS STEEL COVER PLATES AT ANY LOCATIONS WHERE EXISTING DEVICES ARE REMOVED AND NO NEW DEVICE IS INSTALLED IN THE SAME LOCATION. IF THE REMOVED DEVICE LEAVES A LOCATION THAT IS NOT ABLE TO BE COVERED BY A STANDARD COVER PLATE, PATCH AND PAINT THE LOCATION AND MATCH TO THE SURROUNDING AREA.</li> <li>ALL EXISTING CABLE, ASSOCIATED WITH DEVICES THAT ARE TO BE REMOVED, IS TO BE REMOVED IN ITS ENTIRETY. REMOVE CABLE FROM THE DEVICE LOCATION TO THE ORIGINATION POINT OF THE CABLE. NO CABLE SHALL BE ABANDONED ABOVE CEILINGS OR INSIDE WALLS.</li> <li>ANY INDIVIDUAL THAT WILL BE REMOVING, RELOCATING, REINSTALLING, AND/OR TAMPERING WITH ANY EXISTING DEVICES SHALL BE CERTIFIED BY THE MANUFACTURER OF THE SPECIFIC SYSTEM AND/OR LICENSED AS REQUIRED BY THE STATE TO PERFORM WORK ON THE SYSTEM. THE INDIVIDUAL SHALL BE A FULL-TIME EMPLOYEE OF THE FIRM CONTRACTED TO CONDUCT SUCH WORK ON THE PROJECT AND THAT FIRM SHALL ALSO HOLD ANY CERTIFICATIONS AND/OR LICENSES REQUIRED TO CONDUCT WORK ON THE SPECIFIC SYSTEM.</li> <li>EXISTING FIRE ALARM CONTROL PANEL SHALL REMAIN IN PLACE AND FUNCTIONAL UNTIL THE NEW CONTROL PANEL IS COMPLETELY DEPLOYED AND FUNCTIONAL. UPON COMPLETION OF THE INSTALLATION OF THE NEW CONTROL PANEL, THE CONTRACTOR SHALL REMOVE THE OLD.</li> <li>CONTRACTOR SHALL PROVIDE CONDUIT WHEN ROUTING CABLE IN EXPOSED STRUCTURE AREAS. PAINT CONDUIT AS DIRECTED BY ARCHITECT .</li> </ol>

FIRE ALARM
<ol style="list-style-type: none"> <li>FIRE ALARM SYSTEM IS A PERFORMANCE BASED PER SPECIFICATIONS 28 46 00. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.</li> <li>A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.</li> <li>PROJECT SCOPE INCLUDES REPLACING EXISTING FIRE ALARM SYSTEM WITH A NEW VOICE EVACUATION SYSTEM.</li> <li>FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING LOCATIONS AND PROVIDING A COMPLETE AND FUNCTIONING CODE COMPLIANT SYSTEM.</li> </ol>

NOTES TO CONTRACTOR
<ol style="list-style-type: none"> <li>EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.</li> <li>REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.</li> <li>COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.</li> <li>ALL EXISTING CARBON MONOXIDE DETECTORS SHALL BE REMOVED AND REPLACED WITH NEW CARBON MONOXIDE DETECTORS THAT ARE MONITORED BY THE NEW FIRE ALARM SYSTEM. THIS SHALL APPLY TO ANY DEVICES SHOWN OR NOT SHOWN ON THE FOLLOWING SHEETS.</li> <li>ALL EXISTING HVAC UNITS SHALL BE PROVIDED WITH NEW FIRE ALARM DEVICES INCLUDING BUT NOT LIMITED TO DUCT MOUNTED SMOKE DETECTORS AND SHUT DOWN RELAYS.</li> </ol>



**BEAUMONT INDEPENDENT SCHOOL DISTRICT**  
**FIRE ALARM REPLACEMENT**  
**AT HOMER DRIVE**  
 SP# 24.17



TECHNOLOGY  
 SCHEDULES,  
 LEGENDS AND  
 DETAILS  
  
**T0.01**

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**Sales O'Brien.**  
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 Sales O'Brien Registration # 2024-03602-00

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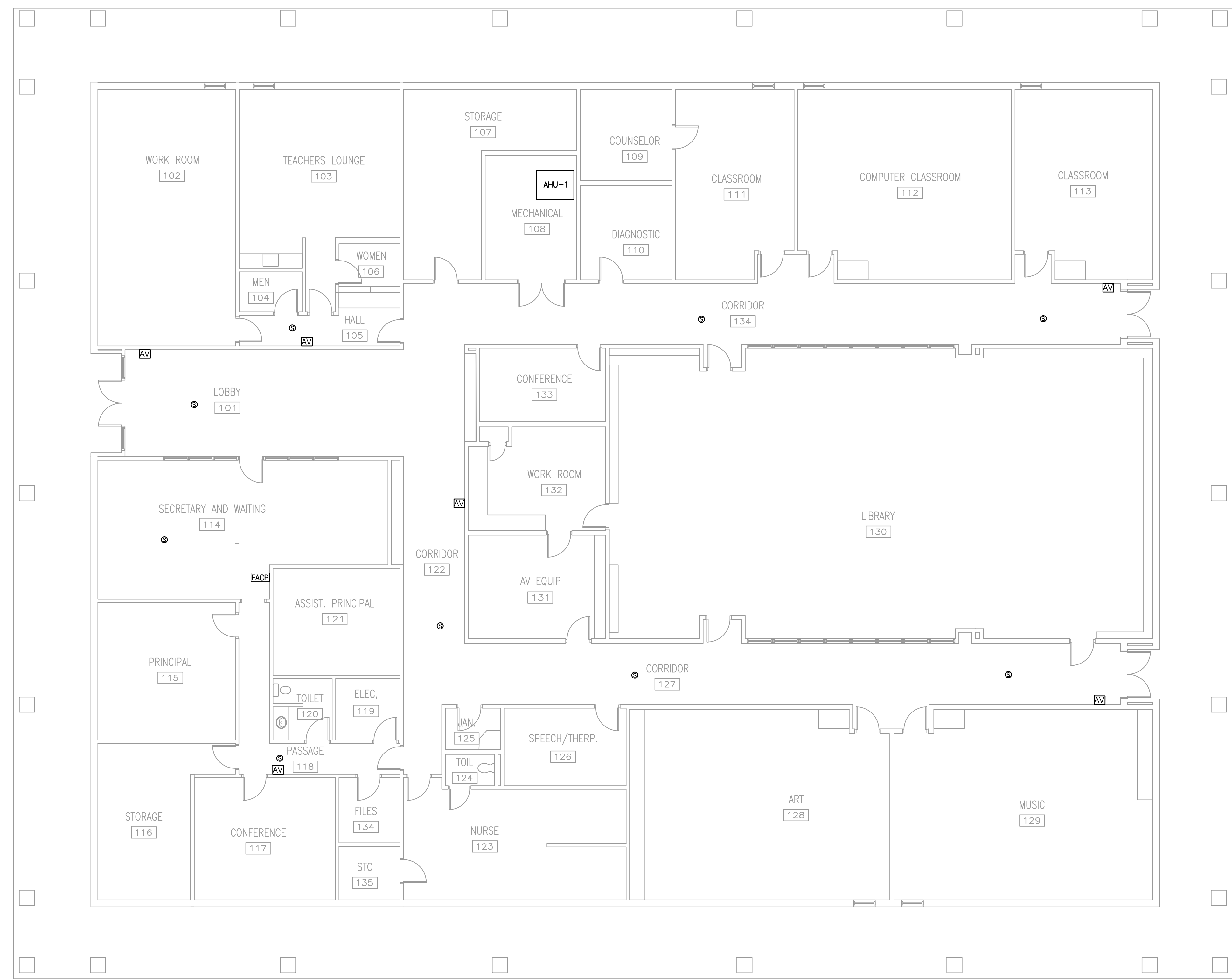
**Beaumont ISD**  
 Preparing Our Next Generation

*Bradley Kalmanis*

BRADLEY KALMANIS  
 80215  
 ARCHITECT  
 10-11-24

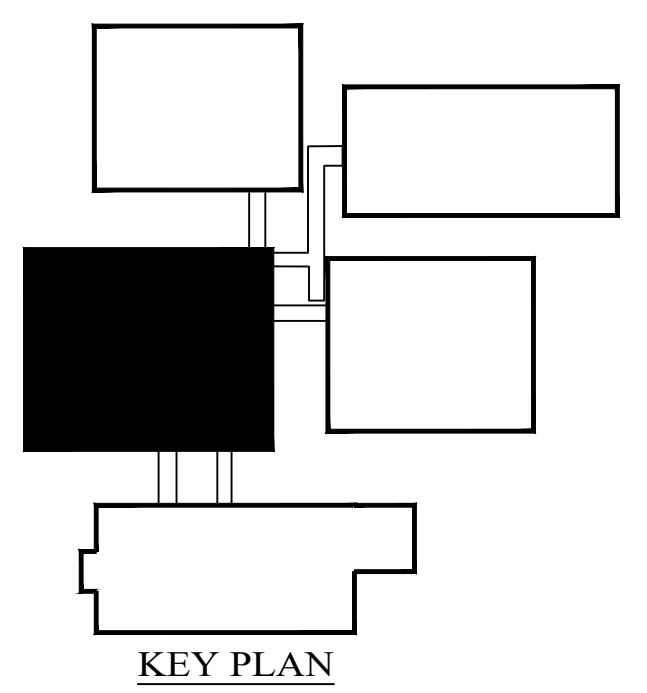
BUILDING A TECHNOLOGY FLOOR PLAN - EXISTING

**T1.01**



NORTH

**1 TECHNOLOGY FLOOR PLAN - EXISTING**  
 SCALE: 1/8" = 1'-0"



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 Sales Office Registration # 0111  
 Sales Office Registration # 2024-03602-00

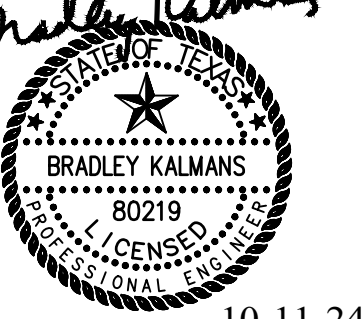
**BEAUMONT INDEPENDENT SCHOOL DISTRICT**  
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BEAUMONT INDEPENDENT SCHOOL DISTRICT



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*Bradley Kalman*



10-11-24

BUILDING B  
 TECHNOLOGY  
 FLOOR PLAN -  
 EXISTING

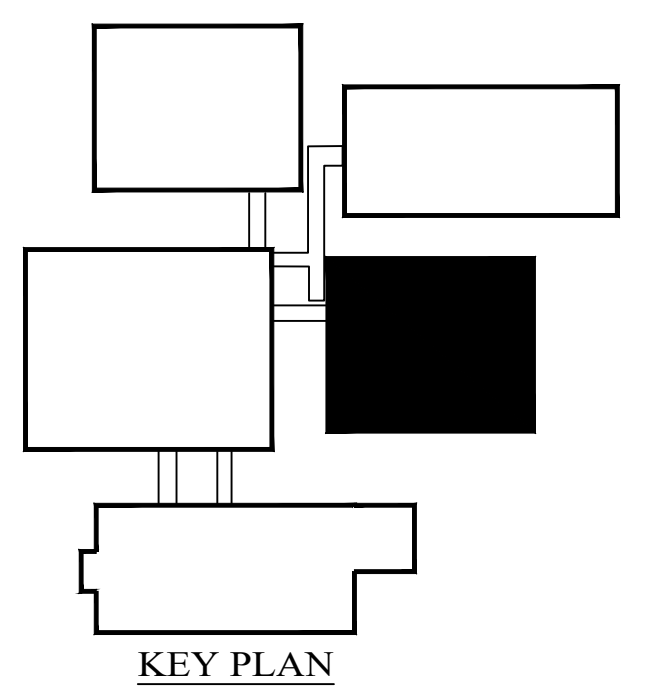
**T1.02**



NORTH



**1 TECHNOLOGY FLOOR PLAN - EXISTING**  
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BEAUMONT INDEPENDENT  
 SCHOOL DISTRICT

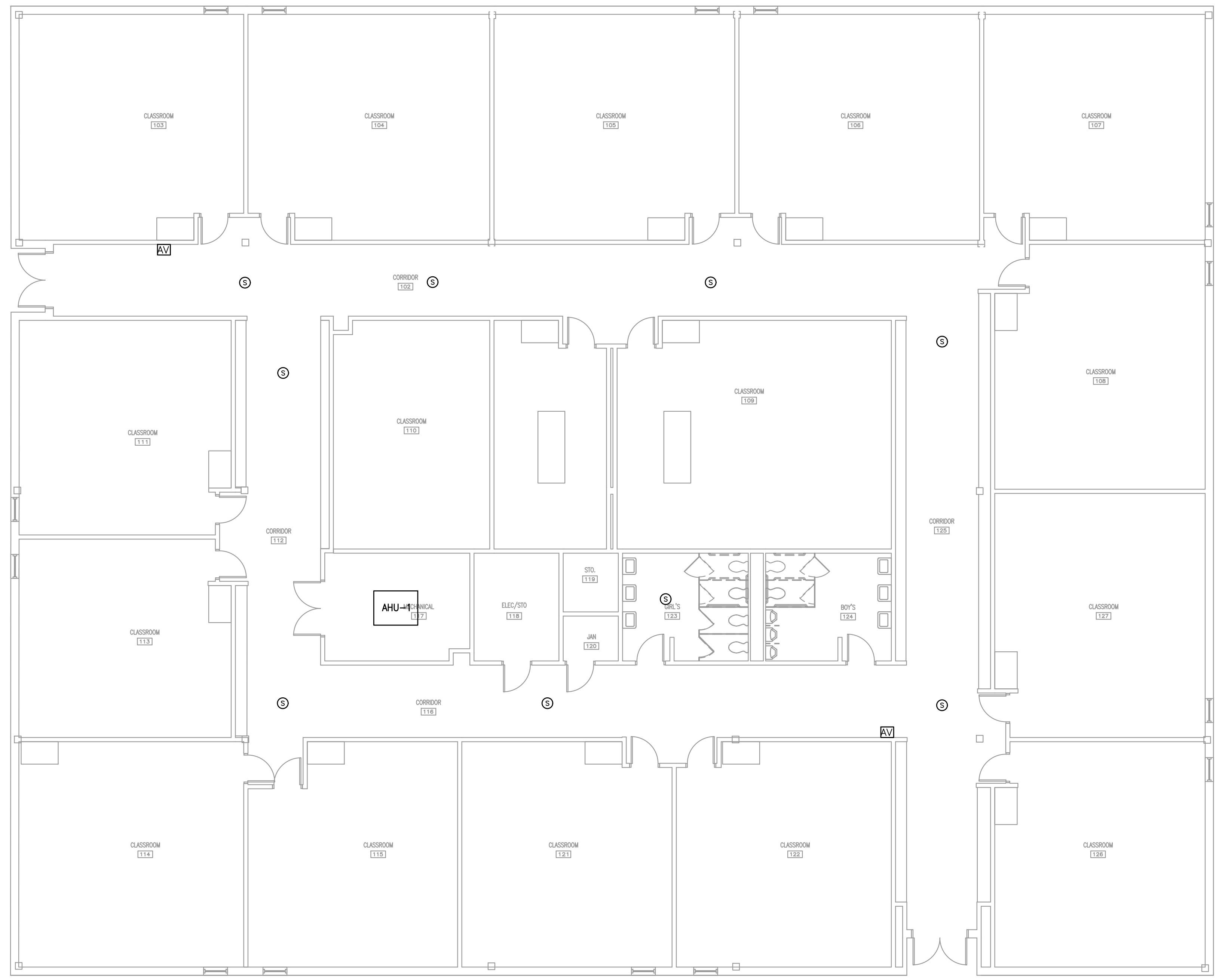
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*Bradley Kalman*

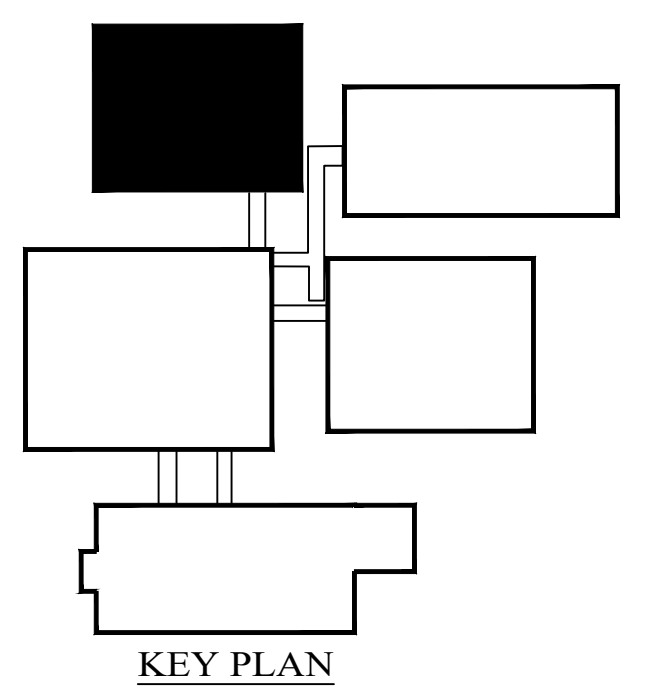
BRADLEY KALMAN  
 ARCHITECT  
 20215  
 10-11-24

BUILDING C  
 TECHNOLOGY  
 FLOOR PLAN -  
 EXISTING

**T1.03**



NORTH  
 1 **TECHNOLOGY FLOOR PLAN - EXISTING**  
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**Sales O'Brien.**  
 10830 W. Sam Houston Pkwy North, Suite 900  
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 Sales: 281.468.8888  
 Fax: 281.468.8889  
 Sales.O'Brien@salesobrien.com

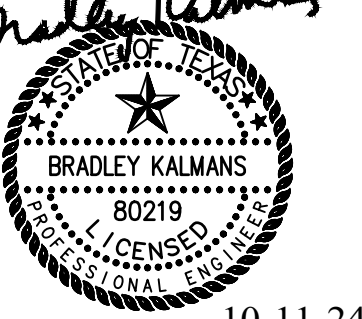
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BEAUMONT INDEPENDENT SCHOOL DISTRICT



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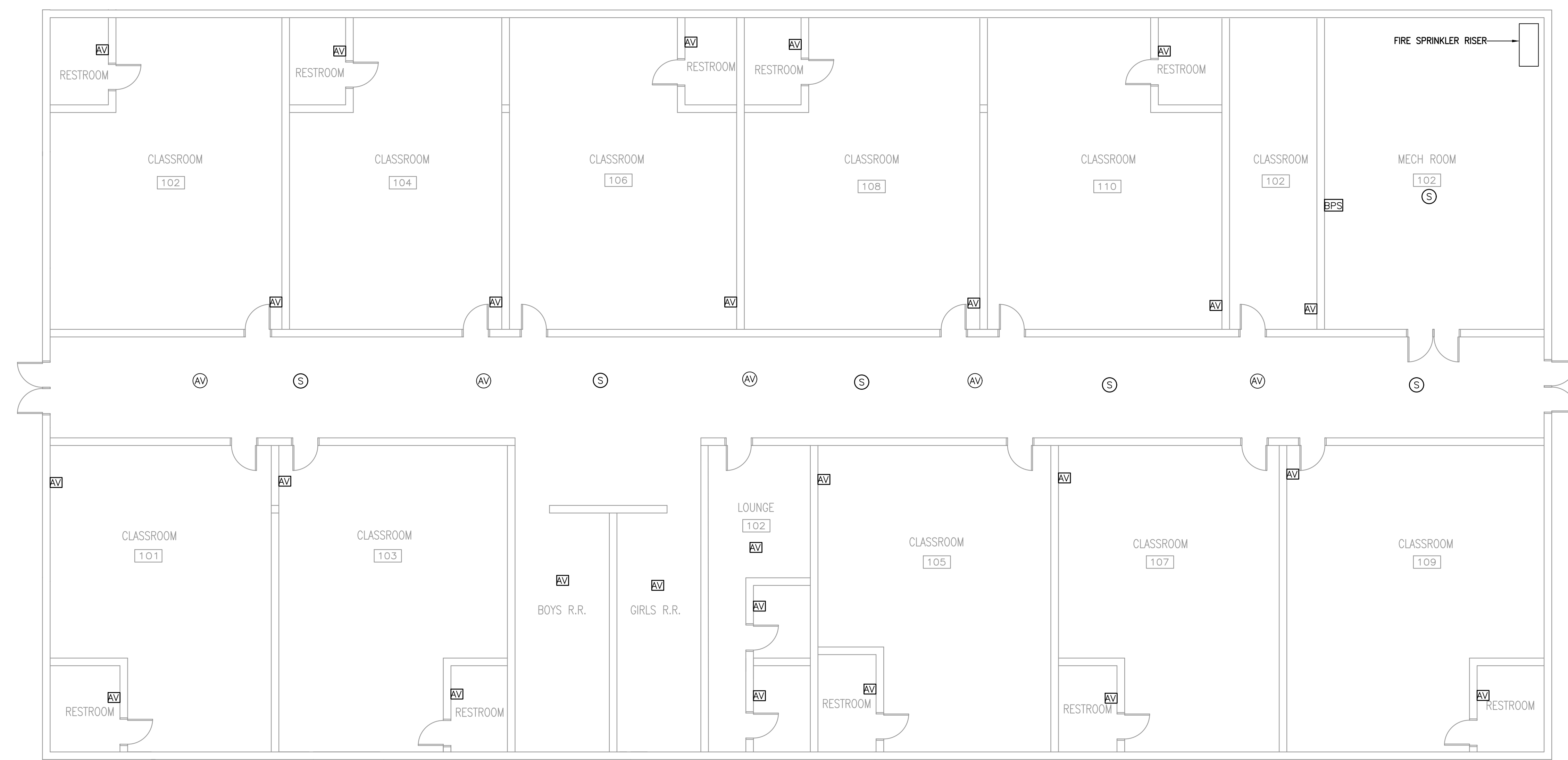
*Bradley Kalman*



10-11-24

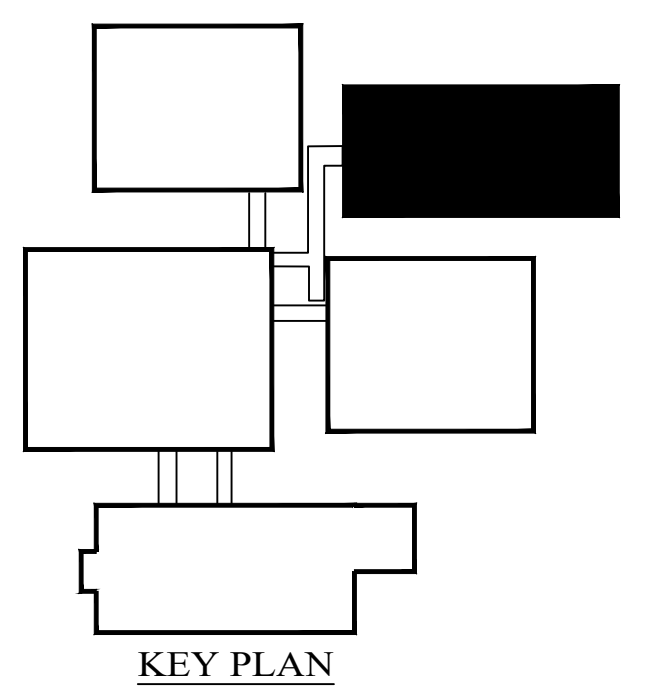
BUILDING D  
 TECHNOLOGY  
 FLOOR PLAN -  
 EXISTING

**T1.04**



NORTH

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KEYED NOTES	
1.	AIR HANDLER UNITS #3, #4, #5 ARE LOCATED AT MECHANICAL LOFT LOCATED ABOVE RESTROOMS 110 AND 111.
2.	APPROXIMATE LOCATION OF KITCHEN FIRE SUPPRESSION SYSTEM

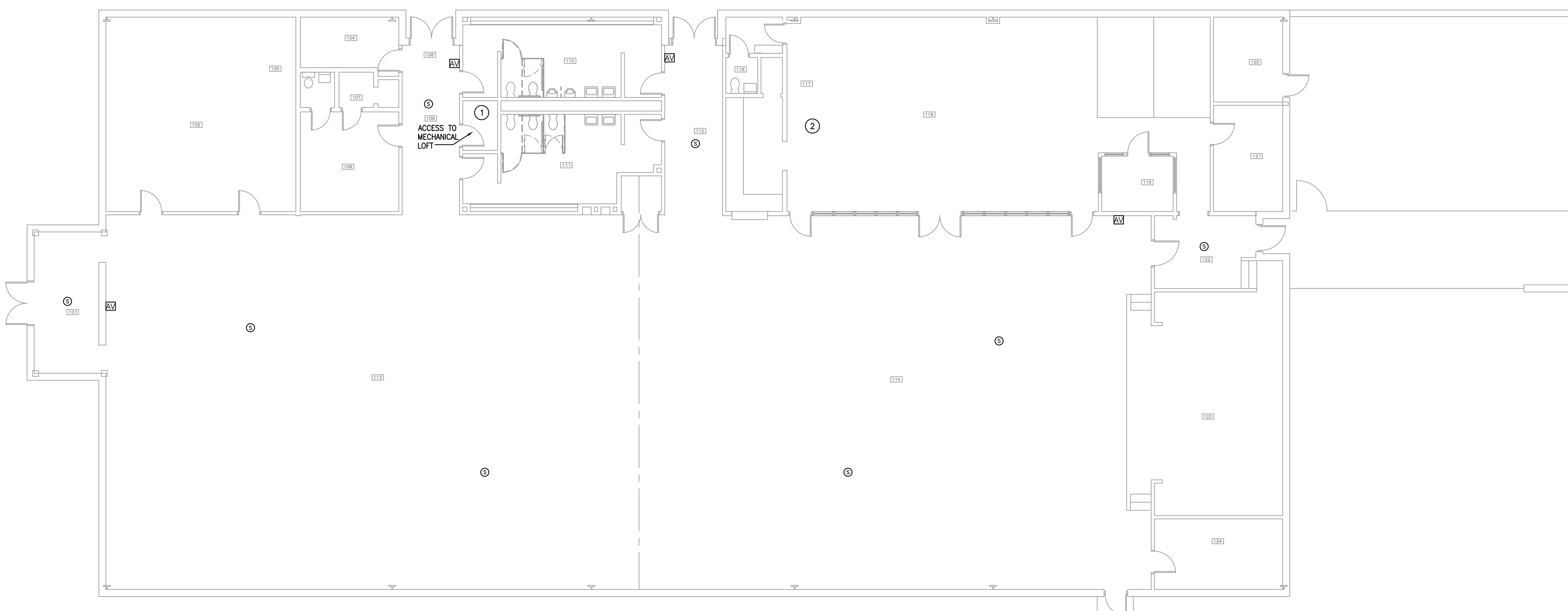
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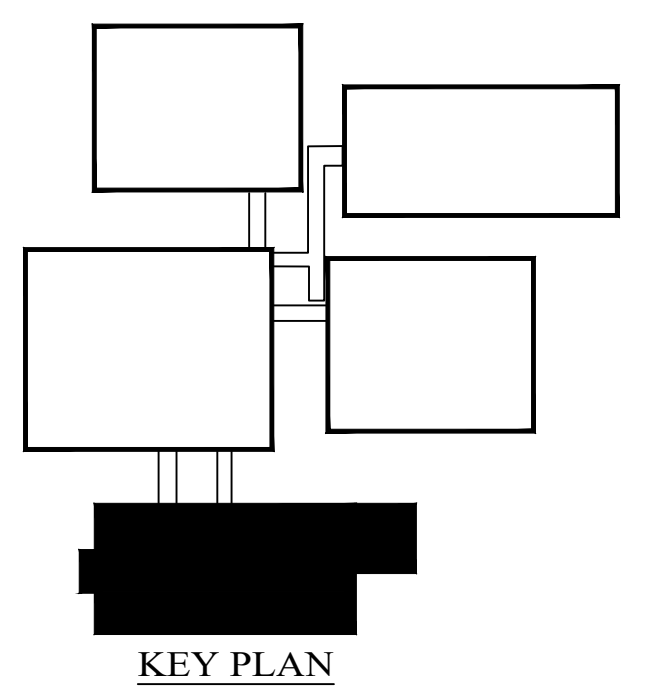
BEAUMONT INDEPENDENT SCHOOL DISTRICT  
**Beaumont ISD**  
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*Bradley Kalman*  
 BRADLEY KALMAN  
 20215  
 10-11-24

GYMNASIUM -  
 CAFETERIA  
 TECHNOLOGY  
 FLOOR PLAN -  
 EXISTING  
**T1.05**



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**FIRE ALARM**

A. FIRE ALARM SYSTEM IS A PERFORMANCE BASED PER SPECIFICATIONS 28 46 00. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.

C. PROJECT SCOPE INCLUDES REPLACING EXISTING FIRE ALARM SYSTEM WITH A NEW VOICE EVACUATION SYSTEM.

D. FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING LOCATIONS AND PROVIDING A COMPLETE AND FUNCTIONING CODE COMPLIANT SYSTEM.

**GENERAL NOTES**

A. ALL NEW STROBES AND SPEAKER/STROBES SHALL BE LOCATED ON CEILING, SUPPORTED BY T-BAR CEILING HANGER AND BACKBOX.

B. DEVICES SHOWN FOR COORDINATION PURPOSES ONLY; FULL SCALE DESIGN IS RESPONSIBILITY OF LICENSED FIRE ALARM COMPANY.

C. COORDINATE ALL FINAL MOUNTING HEIGHTS, FOR WALL MOUNTED DEVICES, PRIOR TO ROUGH-IN. COORDINATE WITH OTHER TRADES.

D. COORDINATE ALL CEILING DEVICE LOCATIONS WITH ARCHITECTURAL DRAWINGS AND INTERIOR DESIGN CONSULTANT(IF APPLICABLE) PRIOR TO ROUGH-IN.

E. WHERE POSSIBLE CONTRACTOR SHALL REUSE ELECTRICAL OUTLETS TO POWER FIRE ALARM FAA, FACP AND FIRE ALARM BOOSTER PANELS. WHERE NOT POSSIBLE CONTRACTOR SHALL PROVIDE NEW POWER RECEPTICLES.

F. CONTRACTOR TO COORDINATE ALL DROP LOCATIONS WITH FURNITURE. COORDINATE WITH ARCHITECT AND OWNER FOR MORE INFORMATION.

G. CONTRACTOR SHALL PROVIDE NEW CEILING TILES IN INSTANCES WHERE CEILING DEVICES ARE REMOVED, REPLACED OR ADDED. CONTRACTOR SHALL COORDINATE WITH ARCHITECT ON CORRECT MANUFACTURER AND MODEL PRIOR TO REMOVAL OF EXISTING TILE.

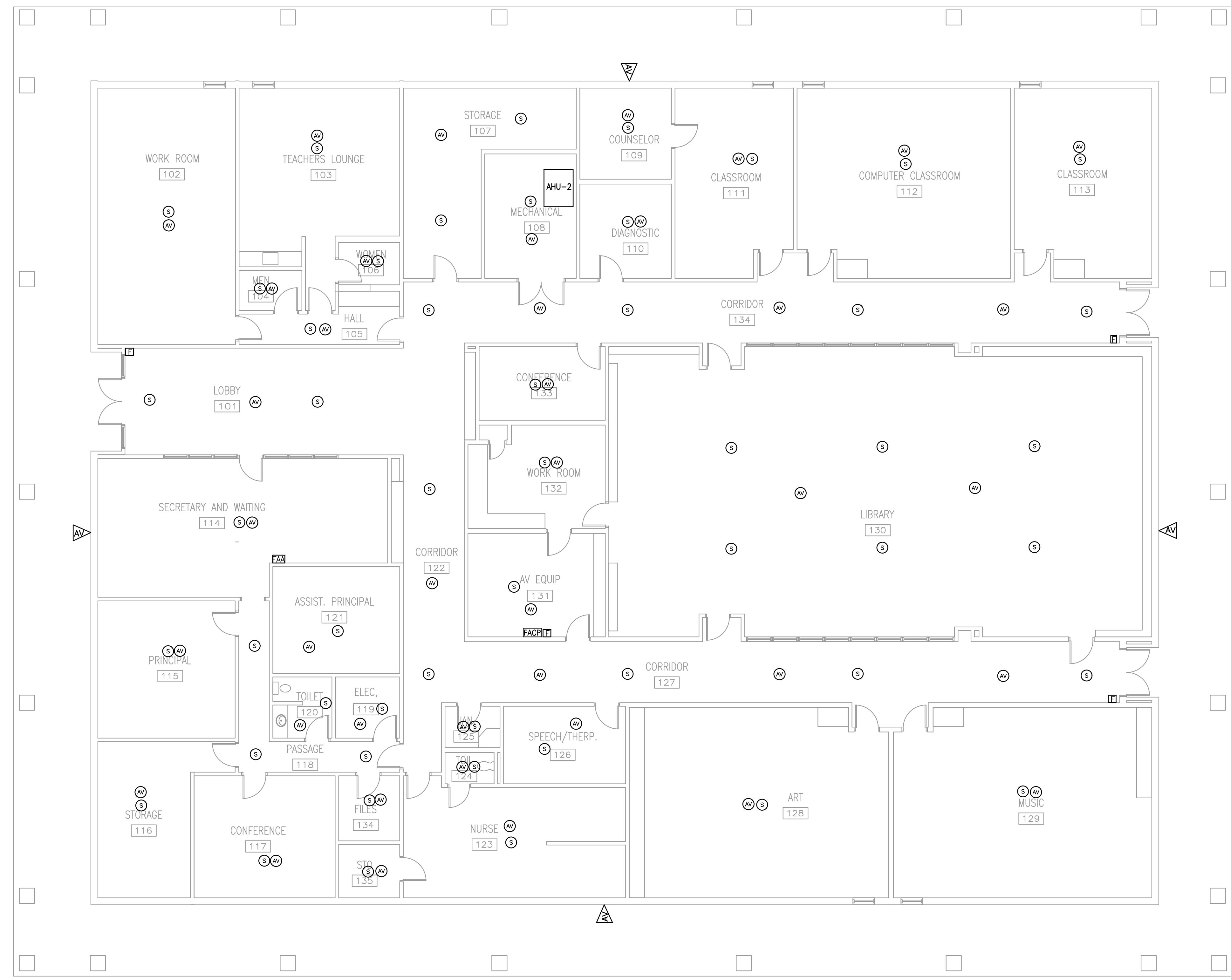
**Salas O'Brien.**  
 10800 W. Sam Houston Pkwy North, Suite 800  
 Houston, TX 77064  
 Brian Regan/Estimate # 411  
 Salas O'Brien Project Number: 2024-03602-00

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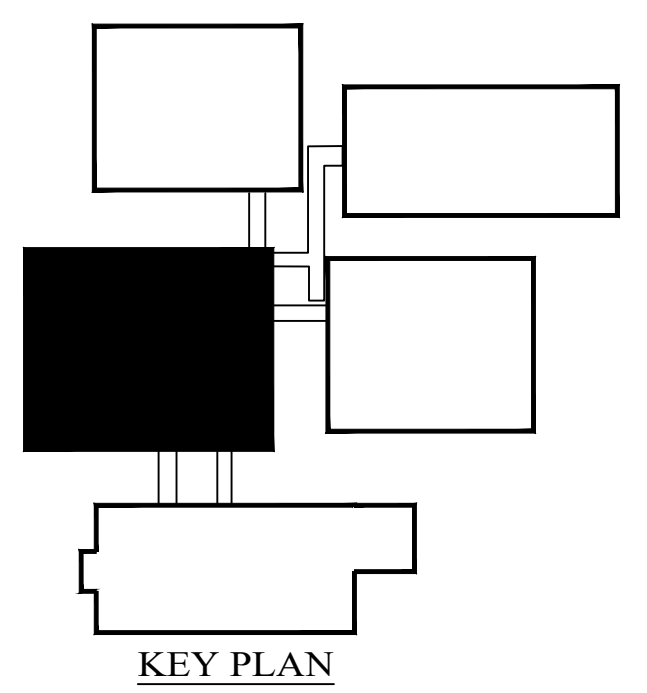
**BEAUMONT INDEPENDENT SCHOOL DISTRICT**  
**Beaumont ISD**  
 Preparing Our Next Generation

*Bradley Kalman*  
 BRADLEY KALMAN  
 80215  
 GENERAL CONTRACTOR  
 10-11-24

BUILDING A TECHNOLOGY FLOOR PLAN,  
**T2.01**



**1 TECHNOLOGY FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"



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**Salas O'Brien.**

10830 W. Sam Houston Pkwy North, Suite 900  
Houston, TX 77064  
Phone: 281.411.1111  
Fax: 281.411.1111  
Salas O'Brien Registration No. 2024-58962-00

**BEAUMONT  
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FIRE ALARM REPLACEMENT  
AT HOMER DRIVE**

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BEAUMONT INDEPENDENT  
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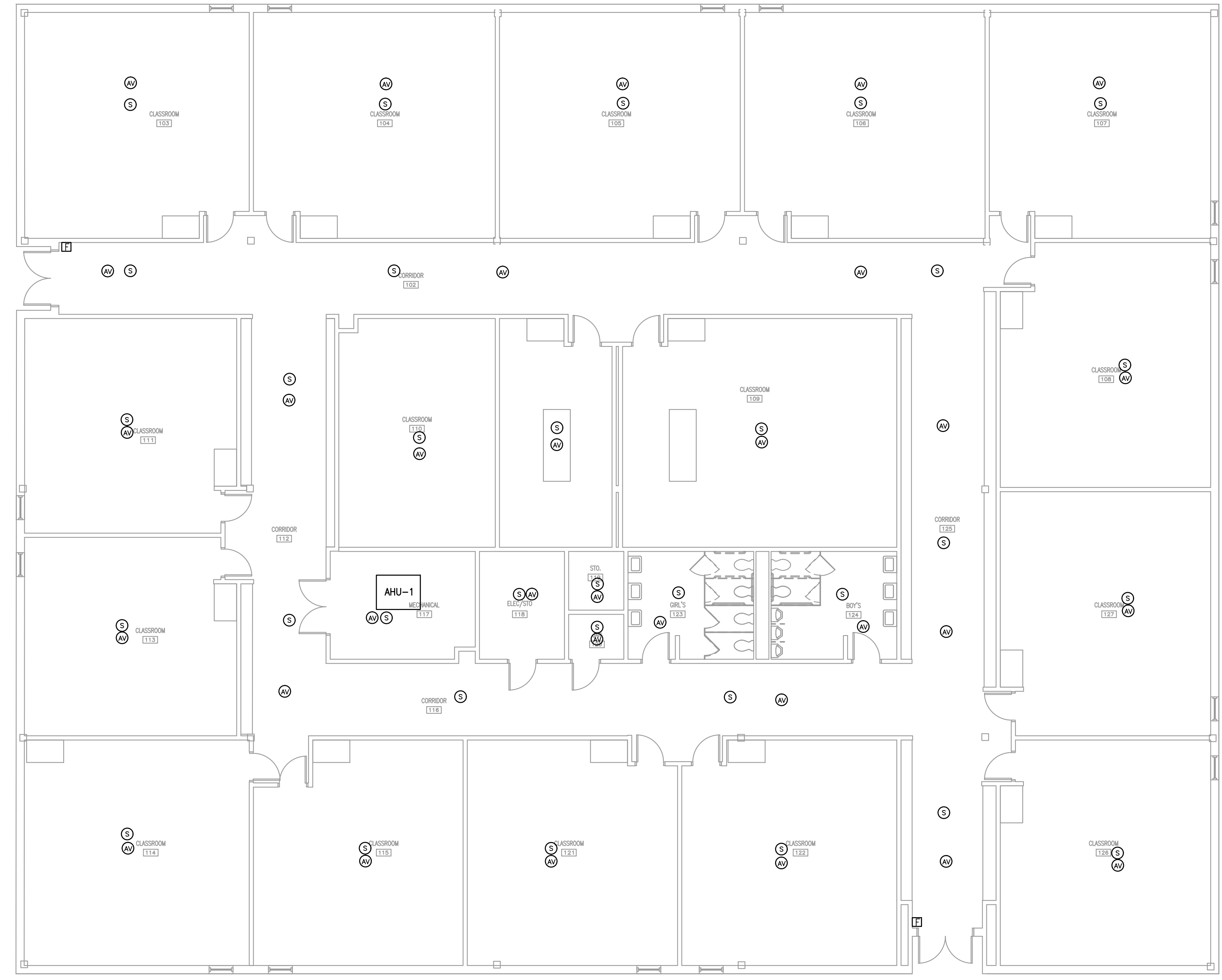
*Bradley Kalman*

BRADLEY KALMAN  
REGISTERED PROFESSIONAL ENGINEER  
NO. 80215  
EXPIRES 12/31/2025

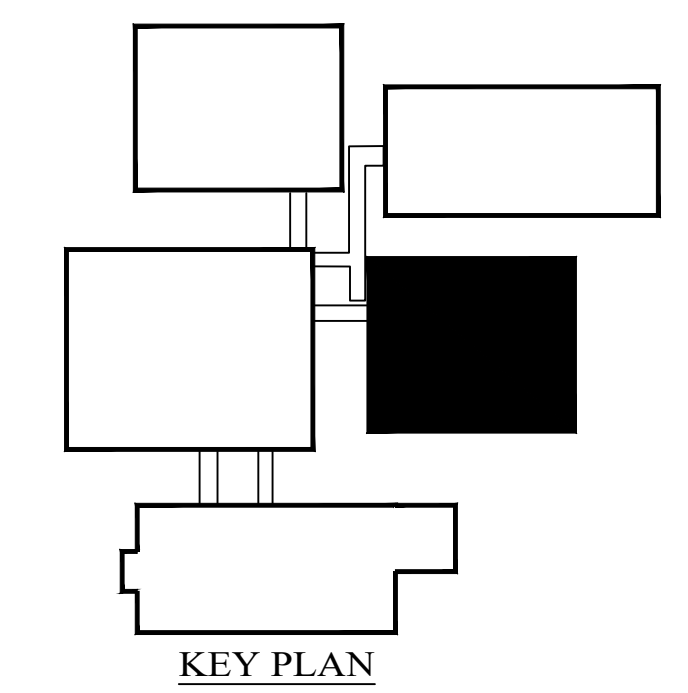
10-11-24

BUILDING B  
TECHNOLOGY  
FLOOR PLAN,

**T2.02**



NORTH  
1 **TECHNOLOGY FLOOR PLAN**  
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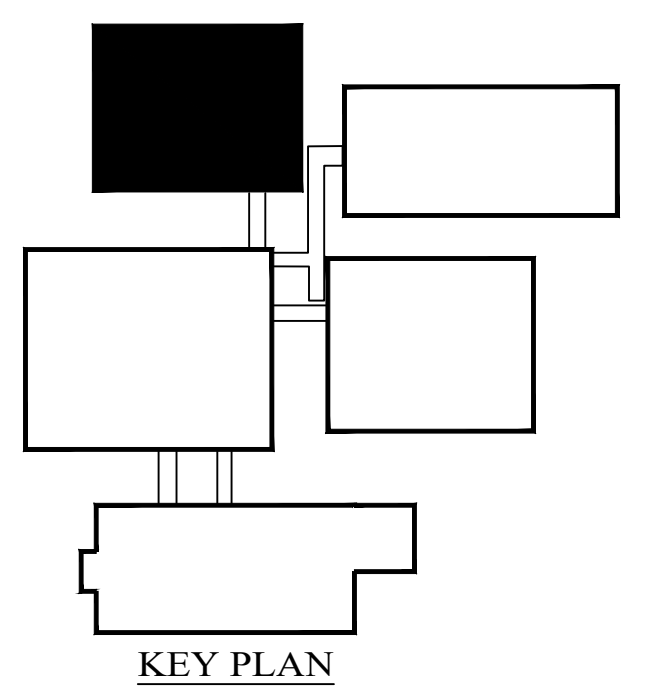
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*Bradley Kalman*  
 BRADLEY KALMAN  
 80215  
 GENERAL ENGINEER  
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BUILDING C  
 TECHNOLOGY  
 FLOOR PLAN,  
**T2.03**



NORTH  
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**FIRE ALARM**

A. FIRE ALARM SYSTEM IS A PERFORMANCE BASED PER SPECIFICATIONS 28 46 00. CONTRACTOR TO REFERENCE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

B. A LICENSED FIRE ALARM PLANNING SUPERINTENDENT CERTIFIED TO A MINIMUM LEVEL 3, IN THE SUBFIELD OF FIRE ALARM SYSTEMS THROUGH THE NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET), SHALL PROVIDE PLANS AND CALCULATIONS FOR A MANUAL AND AUTOMATIC FIRE DETECTION AND ALARM SYSTEM TO COMPLY WITH THE BUILDING SPACE LAYOUT, BUILDING OCCUPANCY, CURRENT NFPA 72, LOCAL AND STATE CODE REQUIREMENTS, AND THE FIRE ALARM AND DETECTION SYSTEM SPECIFICATIONS.

C. PROJECT SCOPE INCLUDES REPLACING EXISTING FIRE ALARM SYSTEM WITH A NEW VOICE EVACUATION SYSTEM.

D. FIRE ALARM DEVICES ARE SHOWN FOR REFERENCE ONLY. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING LOCATIONS AND PROVIDING A COMPLETE AND FUNCTIONING CODE COMPLIANT SYSTEM.

**GENERAL NOTES**

A. ALL NEW STROBES AND SPEAKER/STROBES SHALL BE LOCATED ON CEILING, SUPPORTED BY T-BAR CEILING HANGER AND BACKBOX.

B. DEVICES SHOWN FOR COORDINATION PURPOSES ONLY. FULL SCALE DESIGN IS RESPONSIBILITY OF LICENSED FIRE ALARM COMPANY.

C. COORDINATE ALL FINAL MOUNTING HEIGHTS, FOR WALL MOUNTED DEVICES, PRIOR TO ROUGH-IN. COORDINATE WITH OTHER TRADES.

D. COORDINATE ALL CEILING DEVICE LOCATIONS WITH ARCHITECTURAL DRAWINGS AND INTERIOR DESIGN CONSULTANT(IF APPLICABLE) PRIOR TO ROUGH-IN.

E. WHERE POSSIBLE CONTRACTOR SHALL REUSE ELECTRICAL OUTLETS TO POWER FIRE ALARM FA, FACP AND FIRE ALARM BOOSTER PANELS. WHERE NOT POSSIBLE CONTRACTOR SHALL PROVIDE NEW POWER RECEPTICLES.

F. CONTRACTOR TO COORDINATE ALL DROP LOCATIONS WITH FURNITURE. COORDINATE WITH ARCHITECT AND OWNER FOR MORE INFORMATION.

G. CONTRACTOR SHALL PROVIDE NEW CEILING TILES IN INSTANCES WHERE CEILING DEVICES ARE REMOVED, REPLACED OR ADDED. CONTRACTOR SHALL COORDINATE WITH ARCHITECT ON CORRECT MANUFACTURER AND MODEL PRIOR TO REMOVAL OF EXISTING TILE.

**Salas O'Brien.**

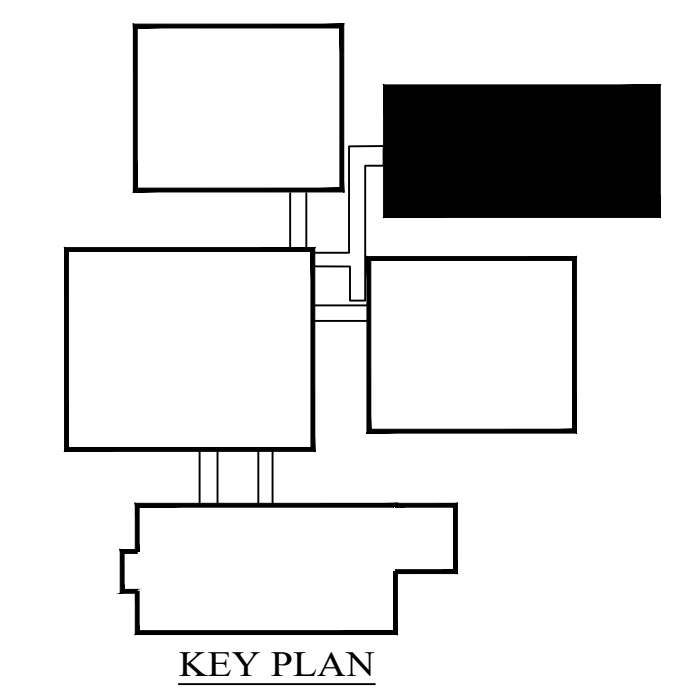
10800 W. Sam Houston Pkwy North, Suite 800  
Houston, TX 77064  
Professional Engineer License No. 11111  
Salas O'Brien Registration No. 2024-03602-00

**BEAUMONT  
INDEPENDENT SCHOOL DISTRICT  
FIRE ALARM REPLACEMENT  
AT HOMER DRIVE**

SF# 24.17



NORTH  
1 **TECHNOLOGY FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



BEAUMONT INDEPENDENT  
SCHOOL DISTRICT

**Beaumont ISD**  
Preparing Our Next Generation

*Bradley Kalmanis*

BRADLEY KALMANIS  
80215  
GENERAL CONTRACTOR

10-11-24

BUILDING D  
TECHNOLOGY  
FLOOR PLAN,

**T2.04**

Project No:	2024-03602-00
Drawn By:	MA
Checked By:	AY
Date:	10/11/2024
Revision Dates:	
10/11/24 Issue for Proposal	

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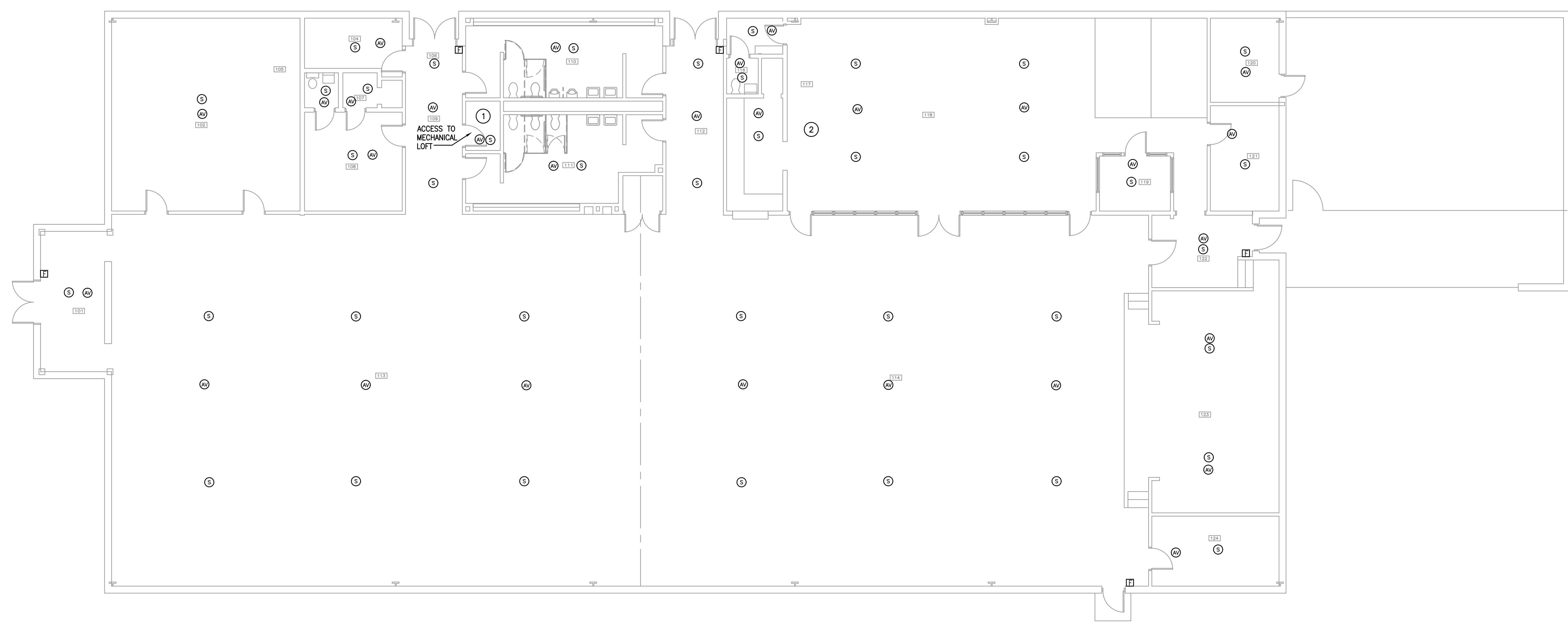
**KEYED NOTES**

1. AIR HANDLER UNITS #3, #4, #5 ARE LOCATED AT MECHANICAL LOFT LOCATED ABOVE RESTROOMS 110 AND 111.

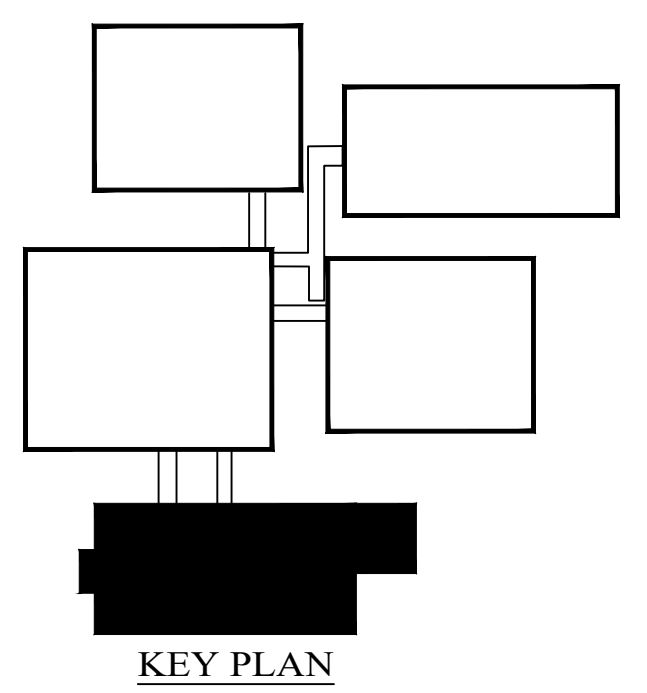
2. APPROXIMATE LOCATION OF KITCHEN FIRE SUPPRESSION SYSTEM

**Salas O'Brien.**  
 10830 W. Sam Houston Pkwy North, Suite 900  
 Houston, TX 77064  
 (281) 416-1111  
 Salas O'Brien Registration No. 2024-58962-00

**BEAUMONT INDEPENDENT SCHOOL DISTRICT**  
**FIRE ALARM REPLACEMENT**  
**AT HOMER DRIVE**  
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*Bradley Kalman*

BRADLEY KALMAN  
 2024  
 PROFESSIONAL ENGINEER  
 STATE OF TEXAS

10-11-24

GYMNASIUM - CAFETERIA  
 TECHNOLOGY  
 FLOOR PLAN

**T2.05**