

ADDENDUM



Date: 1/26/24

Project: PSC Fire Alarm Upgrade

To:

Project No.: 23-131

Addendum No.: 1

CC:

CLARIFICATIONS

1. Existing conduit/pathways may be reused where applicable.
2. New surface mounted raceways shall be conduit painted to match walls. Painting by PSC.
3. Replace existing duct detectors with new. Field verify exact duct detector locations/quantities. For bidding purposes, account for 10 duct detectors in each building. Provide a unit price for additional detectors.
4. First responder radio frequency testing is required.
5. All costs for a complete and operable system including any devices required by the state fire marshal shall be included in the bid. While it is the intent of these plans to be as accurate as possible, drawings are schematic in nature and are intended to show the design intent, not every detail.
6. System is intended to be addressable. Interlock new fire alarm system with existing elevators to achieve appropriate floor recall.
7. Cellular dialers are acceptable.
8. PSC will handle fire watch.
9. Patching, painting, and ceiling tile replacement (where needed) will be by the PSC. Ceiling tile provided by PSC will be limited to one case per building. Anything exceeding this will be at the contractor's expense.
10. Jindra is to be completed in the summer of 2024 to avoid classes. Other areas are not time sensitive.
11. Work shall commence within 30 days of bid award.
12. Provide annunciator panel for AV Larson at main vestibule. See attached drawings.
13. Add WP/horn strobes at all FDC locations. See attached drawings.
14. Provide flow, tamper, and associated relays for a complete and operable system. See attached drawings.
15. Wiring can be reused if it is still serviceable. Contractor shall warrant reused wiring for the same time period as new.
16. Field verify existing combination dampers and connect to new fire alarm system as required. For bidding purposes, account for 10 dampers in each building. Provide a unit price for additional damper connections.

CHANGES TO PROJECT SPECIFICATIONS

1. Updated bid form to include unit costs.

ADDENDUM



CHANGES TO PROJECT DRAWINGS

E1.0 Admin. Building Fire Alarm New

1. Added flow and tamper switch locations.
2. Added duct detectors.
3. Added PIV location.
4. Added WP horn/strobe.

E1.1 Jindra Basement Fire Alarm New

1. Added flow and tamper switch locations.
2. Added duct detectors.

E1.2 Jindra First Floor Fire Alarm New

1. Added PIV location.
2. Added smoke detector.
3. Added WP horn/strobe.

E1.4 AV Larson Basement Fire Alarm New

1. Added duct detectors.
2. Added smoke detectors.

E1.5 AV Larson First Floor Fire Alarm New

1. Added annunciator.
2. Added pull stations.
3. Added WP horn/strobe.

By: Josh Rich

Date: 1/26/24

SECTION 00 41 13

BID FORM - STIPULATED SUM (SINGLE-PRIME CONTRACT)

PART 1 - GENERAL

1.01 BID INFORMATION

- A. Project Name: Peru State College Fire Alarm Replacement
- B. Project Location: 600 Hoyt Street Peru, NE 68421
- C. Owner: Board of Trustees of the Nebraska State Colleges dba Peru State College
- D. Architect/ Engineer: Advanced Engineering Systems
- E. Architect/ Engineer Project Number: 23131

1.02 AGREEMENT

- A. The undersigned, being familiar with local conditions affecting the cost of the work, and the Proposed Contract Documents, including the full set of project specifications, hereby proposes to furnish all plant, equipment, transportation, materials, tools, labor and skills necessary and required to perform all work as described in the Proposed Contract Documents titled above.

1.03 BID GUARANTEE

- A. Bidder will execute a contract within 14 days after Notice of Award, if offered within 60 days, or forfeit bid bond of five percent (5%).

1.04 Bidders shall acknowledge the receipt of any and all addenda issued and have included all modifications below:

- A. The following addendums have been received and included: _____, _____, _____, _____

1.05 BID AMOUNTS

- A. The base bid price is:

Calendar Days
_____ (_____ Days)

Unit Price 1: _____ (\$ _____)

Unit Price 2: _____ (\$ _____)

Unit Price 1 – Install connection to smoke – fire/smoke damper to new fire alarm system. Utilize existing conduit and wire.

Unit Price 2 – Replace existing duct detector with new addressable device and connect to new fire alarm system. Utilize existing conduit and wire.

1.06 SUBMISSION OF BID

- A. Respectfully submitted this ____ day of _____, _____
- B. Submitted By: _____ (Name of bidding firm or corporation)
- C. Authorized Signature: _____ (Handwritten signature)
- D. Signed By: _____ (Type or print name)
- E. Title: _____ (Owner/Partner/President/Vice President)
- F. Witnessed By: _____ (Handwritten signature)
- G. Attest: _____ (Handwritten signature)
- H. By: _____ (Type or print name)
- I. Title: _____ (Corporate Secretary or Assistant Secretary)
- J. Street Address: _____
- K. City, State, Zip: _____
- L. Phone: _____
- M. License No.: _____
- N. Federal ID No.: _____ (Affix Corporate Seal Here)

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF DOCUMENT 00 41 13

ELECTRICAL SHEET SCHEDULE

E0.0	ELECTRICAL SYMBOLS & GENERAL NOTES
ED1.0	ADMIN. BUILDING FIRE ALARM DEMOLITION
ED1.1	JINDRA - BASEMENT FIRE ALARM DEMOLITION
ED1.2	JINDRA - 1ST FLOOR FIRE ALARM DEMOLITION
ED1.3	JINDRA - 2ND FLOOR FIRE ALARM DEMOLITION
ED1.4	LARSON - BASEMENT FIRE ALARM DEMOLITION
ED1.5	LARSON - FIRST FLOOR FIRE ALARM DEMOLITION
E1.0	ADMIN. BUILDING FIRE ALARM - NEW
E1.1	JINDRA - BASEMENT FIRE ALARM - NEW
E1.2	JINDRA - 1ST FLOOR FIRE ALARM - NEW
E1.3	JINDRA - 2ND FLOOR FIRE ALARM - NEW
E1.4	LARSON - BASEMENT FIRE ALARM - NEW
E1.5	LARSON - FIRST FLOOR FIRE ALARM - NEW

ELECTRICAL SYMBOLS & ABBREVIATIONS

GENERAL NOTES

- THIS LEGEND IS GENERAL IN NATURE, NOT ALL SYMBOLS SHOWN ARE USED
- LIGHT SHADING INDICATES ITEM IS EXISTING
- MOUNTING HEIGHTS ARE FROM ABOVE FINISHED FLOOR TO CENTER OF BOX, UNLESS NOTED OTHERWISE

	KEY NOTE DESIGNATION
	EQUIPMENT DESIGNATION. REFER TO EQUIPMENT CONNECTION SCHEDULE
	S SINGLE POLE SWITCH @48" AFF
	S ² DOUBLE POLE SWITCH @48" AFF (IF SERVING MECHANICAL EQUIPMENT, LOCATE ADJACENT TO UNIT)
	S ³ THREE WAY SWITCH @48" AFF
	S ⁴ FOUR WAY SWITCH @48" AFF
	*SS ³ INBOARD/OUTBOARD SWITCH @48" AFF
	S ^K KEY SWITCH @48" AFF
	S ^M MOMENTARY CONTACT SWITCH @48" AFF
	S ^P PILOT LIGHT SWITCH @48" AFF
	S ^T TIMER SWITCH @48" AFF
	STE MANUAL STARTER WITH TOGGLE - PROVIDE THERMAL ELEMENT IF MOTOR IS NOT INTERNALLY PROTECTED
	START/STOP SWITCH @48" AFF
	DIMMER @48" AFF
	# CEILING MOUNT LIGHT FIXTURE - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# CEILING MOUNT LIGHT FIXTURE WITH EMERGENCY BALLAST OR ON EMERGENCY POWER - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# WALL MOUNT LIGHT FIXTURE - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# WALL MOUNT LIGHT FIXTURE WITH EMERGENCY BALLAST OR ON EMERGENCY POWER - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# LIGHT FIXTURE WITH EMERGENCY BALLAST OR ON EMERGENCY POWER - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# CEILING MOUNT, SINGLE FACE EXIT SIGN - ARROW INDICATES DIRECTION - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# CEILING MOUNT, DOUBLE FACE EXIT SIGN - ARROW INDICATES DIRECTION - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# WALL MOUNT EXIT SIGN - ARROW INDICATES DIRECTION - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# COMBINATION EXIT SIGN AND EMERGENCY LIGHTING UNIT - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# EMERGENCY LIGHTING UNIT - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# TRACK LIGHTING - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# CEILING FAN - NUMBER INDICATES DESIGNATION. REFER TO LIGHT FIXTURE SCHEDULE
	# POLE MOUNT LIGHT FIXTURE - NUMBER INDICATES TYPE. REFER TO LIGHT FIXTURE SCHEDULE
	# CEILING MOUNT OCCUPANCY SENSOR - NUMBER INDICATES DESIGNATION. REFER TO OCCUPANCY SENSOR SCHEDULE
	# WALL MOUNT OCCUPANCY SENSOR - ARROW INDICATES DIRECTION - NUMBER INDICATES DESIGNATION. REFER TO OCCUPANCY SENSOR SCHEDULE
	# SIMPLEX RECEPTACLE @18" AFF
	# DUPLEX RECEPTACLE @18" AFF
	# SPECIAL RECEPTACLE @18" AFF
	# QUADPLEX RECEPTACLE @18" AFF
	# HORIZONTAL DUPLEX RECEPTACLE @44" AFF
	# ISOLATED GROUND DUPLEX RECEPTACLE @18" AFF
	# SPLIT DUPLEX RECEPTACLE @18" AFF
	# CEILING MOUNT OR SUSPENDED DUPLEX RECEPTACLE
	# COMBINATION FLOOR BOX
	# TELEPHONE OUTLET @18" AFF - ROUTE 1" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	# DATA OUTLET @18" AFF - NUMBERS INDICATED JACKS REQUIRED (NO NUMBER INDICATES ONE-1 JACK) - ROUTE 1" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	# COMBINATION TELEPHONE/DATA OUTLET @18" AFF - NUMBERS INDICATE JACKS REQUIRED (NO NUMBER INDICATES ONE-1 JACK) - ROUTE 1" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	# FUSIBLE DISCONNECT SWITCH @54" AFF
	# NON-FUSIBLE DISCONNECT SWITCH @54" AFF
	# MOTOR STARTER @54" AFF
	# COMBINATION STARTER @54" AFF
	# ENCLOSED CIRCUIT BREAKER
	# PLUGMOLD RACEWAY MULTIOUTLET SYSTEM
	# PAD MOUNT TRANSFORMER
	# DRY TRANSFORMER
	# TELEPHONE PEDESTAL
	# TELEVISION PEDESTAL
	# WIRELESS ACCESS POINT

	BELL - STAND ALONE DEVICE OR CONNECTED TO MASTER CLOCK
	CLOCK - STAND ALONE DEVICE OR CONNECTED TO MASTER CLOCK SYSTEM
	D DUCT SMOKE DETECTOR
	DC DOOR CONTACT
	M MOTOR CONNECTION
	P PUSH BUTTON @48" AFF
	CS CEILING MOUNT SPEAKER
	TV TELEVISION OUTLET @18" AFF - ROUTE 3/4" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	WC WALL MOUNT CLOCK OUTLET @80" AFF - ROUTE 3/4" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	PC PHOTO CONTROLLER
	DL DIGITAL PUSHBUTTON LIGHTING CONTROL STATION, LETTER INDICATES TYPE @ 48" AFF
	WS WALL MOUNT SPEAKER @84" AFF - ROUTE 3/4" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	BS BOILER SHUTDOWN SWITCH @48" AFF
	CR CARD READER @40" AFF
	ES ELECTRIC STRIKE
	MD MAGNETIC DOOR HOLDER
	IS INTERCOM CALL-IN SWITCH @48" AFF
	J BOX JUNCTION BOX @18" AFF - ROUTE 1" TO ABOVE ACCESSIBLE CEILING, UNLESS NOTED OTHERWISE
	K KEYPAD @48" AFF
	MO MICROPHONE OUTLET @18" AFF
	ML MAGNETIC LOCK
	NC NURSE CALL @48" AFF
	PB PANIC BUTTON
	TP TELE-POWER POLE
	R RELAY
	RR REQUEST TO RELEASE ACTUATOR
	VC VOLUME CONTROL @48" AFF
	FAS FIRE ALARM PULL STATION @48" AFF TO TOP
	FALS FIRE ALARM FLASHING STROBE LIGHT @80" AFF TO BOTTOM OR 6" BELOW CEILING
	FALCS CEILING MOUNT FIRE ALARM FLASHING STROBE LIGHT @80" AFF TO BOTTOM OR 6" BELOW CEILING
	FALHCS CEILING MOUNT FIRE ALARM HORN AND FLASHING STROBE LIGHT @80" AFF TO BOTTOM OR 6" BELOW CEILING
	FALSFS FIRE ALARM SPEAKER AND FLASHING STROBE LIGHT @80" AFF TO BOTTOM OR 6" BELOW CEILING
	FALHFS CEILING MOUNT FIRE ALARM SPEAKER AND FLASHING STROBE LIGHT @80" AFF TO BOTTOM OR 6" BELOW CEILING
	FALH FIRE ALARM HORN @80" AFF TO BOTTOM OR 6" BELOW CEILING
	FALB FIRE ALARM BELL @80" AFF TO BOTTOM OR 6" BELOW CEILING
	SD SMOKE DETECTOR
	THD THERMAL HEAT DETECTOR
	WFS WATER FLOW SWITCH
	TS TAMPER SWITCH
	PIV POST INDICATOR VALVE
	SBL SINGLE BED CALL LIGHT
	DBL DOUBLE BED CALL LIGHT
	CCTV CLOSED CIRCUIT TELEVISION CAMERA
	DC DOOR CHIME @80" AFF
	SMAP SURFACE MOUNT, LIGHTING & APPLIANCE PANELBOARD @72" AFF TO TOP - LETTER INDICATES DESIGNATION - HATCHING INDICATES REQUIRED CLEARANCE
	FMAP FLUSH MOUNT, LIGHTING & APPLIANCE PANELBOARD @72" AFF TO TOP - LETTER INDICATES DESIGNATION - HATCHING INDICATES REQUIRED CLEARANCE
	PDP POWER DISTRIBUTION PANELBOARD - LETTER INDICATES DESIGNATION - HATCHING INDICATES REQUIRED CLEARANCE
	HR HOMERUN - LETTER INDICATES PANELBOARD - NUMBER INDICATES CIRCUIT
	CONDUIT IN WALL OR CEILING - SYMBOL REPRESENTS UNSWITCHED CIRCUIT
	DR DATA RACEWAY
	DT DATA & TELEPHONE RACEWAY
	EM EMERGENCY CIRCUIT
	FO FIBER OPTICS RACEWAY
	GPO GENERATOR POWER OUTPUT
	OSE OVERHEAD SECONDARY ELECTRICAL SERVICE
	TR TELEPHONE RACEWAY
	TV TELEVISION RACEWAY
	UF CONDUIT TO BE CONCEALED UNDER FLOOR
	UG UNDERGROUND ELECTRICAL
	UPR UNDERGROUND PRIMARY ELECTRICAL SERVICE
	USR UNDERGROUND SECONDARY ELECTRICAL SERVICE
	----- CONDUIT OR RACEWAY TO BE REMOVED

A	AMPERES
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT CIRCUIT INTERRUPTER
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BFG	BELOW FINISH GRADE
C	CONDUIT
CATV	CABLE TELEVISION
CCTV	CLOSED-CIRCUIT TELEVISION
CLG	CEILING
CO	CARBON MONOXIDE
CU	COPPER
D	INDICATES ITEM TO BE DEMOLISHED
E	INDICATES EXISTING ITEM
EM	EMERGENCY
EMD	ESTIMATED MAXIMUM DEMAND
ENT	ELECTRICAL, METALLIC TUBING
ERCS	EMERGENCY RESPONDER COMMUNICATIONS ENHANCEMENT SYSTEM
ERRCS	EMERGENCY RESPONDER RADIO COMMUNICATIONS SYSTEM
EXP	EXPLOSION PROOF
F	FRACTIONAL
FA	FIRE ALARM
FAFP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FSEC	FOOD SERVICE EQUIPMENT CONTRACTOR
GND	GROUND
GFI	GROUND FAULT CIRCUIT INTERRUPTER
HA	HIGH ABUSE/SECURITY CAST WALL PLATE
HG	HOSPITAL GRADE
HPS	HIGH PRESSURE SODIUM
HVAC	HEATING, VENTILATION & AIR CONDITIONING
KVA	THOUSAND AMPS INTERRUPTING CAPACITY
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LED	LIGHT EMITTING DIODE
LCA	MINIMUM CIRCUIT AMPACITY
MCM	THOUSAND CIRCULAR MILS
MH	METAL HALIDE
MOCP	MAXIMUM OVER CURRENT PROTECTION
NEC	NATIONAL ELECTRIC CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NL	NIGHT LIGHT
P	POLE
PVC	POLYVINYL CHLORIDE NON METALLIC RACEWAY
R	INDICATES ITEM TO BE RELOCATED
RGS	RIGID GALVANIZED STEEL CONDUIT
RSC	RIGID STEEL CONDUIT
SPD	SURGE PROTECTIVE DEVICE
SS	STAINLESS STEEL
TEL	TELEPHONE
TR	TAMPER RESISTANT
TV	TELEVISION
V	VOLTS
VA	VOLT-AMPERES
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER

ELECTRICAL GENERAL NOTES

DEMOLITION GENERAL NOTES

- A. THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE DURING ON-SITE INVESTIGATION AND/OR EXISTING DRAWINGS. THERE MAY BE MORE DEVICES TO BE REMOVED THAN SHOWN. THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOBSITE PRIOR TO SUBMITTING A BID. THE BUILDING NEEDS TO REMAIN FUNCTIONAL DURING ALL PHASES OF CONSTRUCTION. COORDINATE ALL REQUIREMENTS WITH THE OWNER AND ARCHITECT. MAINTAIN THE INTEGRITY OF ALL DEVICES NOT REQUIRED TO BE REMOVED.
- B. ALL DASHED ITEMS AND ITEMS NOTED WITH 'D' SHALL BE REMOVED IN THEIR ENTIRETY. THIS INCLUDES WIRING DEVICES, CONDUIT/RACEWAY, J-BOXES, AND ALL ASSOCIATED WIRING/CASING TO EXTENT POSSIBLE.
- C. EXISTING ITEMS SHOWN IN LIGHT SHADE ARE TO REMAIN AND SHALL BE PROTECTED. ALL DEVICES SHOWN WITH 'R' ARE TO BE REMOVED AND RELOCATED. RETEST ALL AFFECTED DEVICES TO MAINTAIN CIRCUIT INTEGRITY OF ALL EXISTING CIRCUITS AND CONNECTIONS.
- D. EXISTING ELECTRICAL CONDUIT WHICH IS NOT CONCEALED IN WALLS OR FLOOR SLAB AND WHICH IS NOT BEING REUSED SHALL BE REMOVED. WIRING SHALL BE REMOVED AND ABANDONED CONDUIT SHALL BE CUT OFF FLUSH WHERE IT ENTERS THE FLOOR OR WALL AND SEALED. EXISTING CONDUIT TO REMAIN SHALL BE SUPPORTED.
- E. WHERE DEVICES ARE TO BE REMOVED FROM EXISTING SURFACES OR ABANDONED, THE CONTRACTOR SHALL INSTALL BLANK STAINLESS STEEL WALL PLATES. EXTRA CARE SHOULD BE TAKEN NOT TO DAMAGE EXISTING SURFACES OR FINISHES. ALL REPAIR COSTS SHALL BE AT THE EXPENSES OF THE CONTRACTOR. REPAIR ALL HOLES FROM THE REMOVAL OF ELECTRICAL ITEMS AND PATCH/PAINT TO MATCH EXISTING.
- F. ALL NEW WIRING/CONDUITS SHALL BE CONCEALED IN NEW WALLS AND ALSO IN EXISTING WALLS WHERE POSSIBLE. EVERY EFFORT SHALL BE MADE TO CONCEAL WIRING IN EXISTING WALLS. 3/4" FLEXIBLE METALLIC CONDUIT MAY BE USED AND ROUTED THROUGH EXISTING WALLS. BOXES SHALL BE CUT IN AND RECESSED WHERE POSSIBLE. SURFACE MOUNT CONDUIT INSTALLATIONS ARE ACCEPTABLE ONLY IN UNFINISHED AREAS (I.E. MECHANICAL AND ELECTRICAL ROOMS).
- G. SURFACE INSTALLATIONS IN FINISHED AREAS SHALL BE PERMITTED ONLY IF ABSOLUTELY NECESSARY. IF IT IS NOT PHYSICALLY POSSIBLE OR PRACTICAL TO CONCEAL RACEWAYS, THE CONTRACTORS SHALL BE PREPARED TO FURNISH AND INSTALL ONE-PIECE STEEL SURFACE RACEWAY. WIREMOLD 700 SERIES OR EQUAL, WITH COLOR SELECTED BY ARCHITECT, FOR NEW DEVICES SHOWN ON EXISTING GYP-BOARD WALLS. CONTRACTOR SHALL BE CUT NEW RECESSED REMODEL J-BOX INTO WALL AND ROUTE 3/4" FLEXIBLE METALLIC CONDUIT INSIDE WALL FROM J-BOX TO ABOVE CEILING TO ACCESSIBLE AREA. CONDUIT ENDS SHALL BE REAMED AND FREE OF BURRS. SURFACE MOUNT GMT IS ACCEPTABLE IN UNFINISHED AREAS.
- H. NEW BOXES SHALL BE CUT IN & RECESSED WHERE POSSIBLE. ELECTRICAL CONTRACTOR SHALL MAKE EVERY EFFORT TO CONCEAL NEW RACEWAYS IN EXISTING WALLS. 3/4" FMC WILL BE PERMITTED. EXPOSED RACEWAYS WILL BE PERMITTED IN UNFINISHED AREAS ONLY.
- I. IF IT IS NOT PHYSICALLY POSSIBLE OR PRACTICAL TO CONCEAL RACEWAYS, ELECTRICAL CONTRACTOR SHALL BE PREPARED TO FURNISH/INSTALL ONE-PIECE STEEL SURFACE RACEWAY. WIREMOLD 700 SERIES OR EQUAL. COLOR TO BE APPROVED BY OWNER.
- J. PATCH, REPAIR, PAINT WALLS WHERE DEVICES HAVE BEEN REMOVED. PROVIDE WOVY COVERPLATES OVER UNUSED OR ABANDONED J-BOXES.
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CUTTING, PATCHING AND REPAIRING OF EXISTING WALLS WHERE NEW DEVICES/CONDUIT ARE TO BE INSTALLED RECESSED.
- L. ALL ABANDONED AND UNUSED CABLING SHALL BE REMOVED UNLESS LABELED FOR FUTURE USE AND SUPPORTED BACK TO SOURCES. CONTRACTOR TO VISIT SITE PRIOR TO BIDDING FOR FIELD CONDITIONS.
- F. FIRE ALARM CONTRACTOR TO INCLUDE COST AND TIME OF PERFORMING A RADIO FREQUENCY (RF) TEST FOR THE BUILDING AFTER THE CORE, SHELL, WINDOWS, AND DOORS ARE COMPLETED, TO DETERMINE IF AN ERCS IS NEEDED, AS REQUIRED BY THE LOCAL A.H.J. ERCS SHALL BE DESIGNED BY AN RF SYSTEM DESIGNER AND INSTALLED ACCORDING TO THE LATEST NFPA AND IFC REQUIREMENTS AND APPROVED BY THE A.H.J AND FREQUENCY LICENSE HOLDER.

PROJECT GENERAL NOTES

- A. ALL SHEETS REQUESTED IN CAD (DWG) FORMAT SHALL BE PROVIDED IN ACAD 2018 AT A CHARGE OF \$25/SHEET (MINIMUM \$250) FOR FIRE ALARM, TELECOMMUNICATIONS, AND SECURITY EQUIPMENT CONTRACTORS AND FOR LIGHTING FIXTURE MANUFACTURER REPRESENTATIVES. ALL OTHERS REQUESTING CAD FILES SHALL BE CHARGED \$50/SHEET (MINIMUM \$250). PRIOR TO TRANSMISSION OF FILES, THE REQUESTING PARTY MUST SIGN AND RETURN "DOCUMENT DISCLAIMER" TO AES.

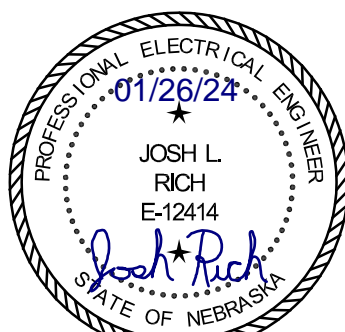
- B. THE ENTIRE INSTALLATION SHOWN IN THE CONSTRUCTION DOCUMENTS (CDS) SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, CITY, STATE AND NATIONAL CODES, LAWS, ACTS AND ORDINANCES AND ALL AUTHORITIES HAVING JURISDICTION. THE OWNERS INSURANCE COMPANY REQUIREMENTS, UTILITY COMPANY REQUIREMENTS, APPLICABLE INDUSTRY STANDARDS OF GOOD PRACTICE AND SAFETY, THE MANUFACTURER'S STRICTEST REQUIREMENTS AND RECOMMENDATIONS FOR EQUIPMENT AND PRODUCT APPLICATION AND INSTALLATION. IN THE EVENT OF CONFLICT BETWEEN THESE CONTRACT DOCUMENTS AND GOVERNING LAWS, THE MORE STRICT SHALL APPLY. ALL COSTS REQUIRED SHOULD BE INCLUDED IN THE BIDS.
- C. DRAWINGS ARE LARGELY SCHEMATIC IN NATURE AND SHALL BE ADAPTED TO ACTUAL SITE CONDITIONS AND OWNER'S REQUIREMENTS AT NO ADDITIONAL COST. THOUGH A LOT OF DETAILS MAY BE SHOWN THEY ARE NOT INTENDED TO SHOW EVERY DETAIL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONTRACT DOCUMENTS AND TO COORDINATE WITH ALL OTHER TRADES AND EXISTING SITE CONDITIONS TO PROVIDE A FULLY FUNCTIONAL SYSTEM PER THE INTENT OF DESIGN. ALL REQUIRED SUPPORTS AND SYSTEMS SHALL BE PROVIDED FOR A FULLY FUNCTIONAL SYSTEM PER THE DESIGN INTENT, AS DETERMINED BY THE ARCHITECT AND ENGINEER.
- D. ALL EQUIPMENT SHALL BE PROPERLY ALIGNED, LUBRICATED AND OILED BEFORE START UP AND FINAL ACCEPTANCE BY OWNER. OIL/GREASE FILL PORTS SHALL BE VERTICAL AND EXTENSION FITTINGS SHALL BE PROVIDED AS REQUIRED FOR ACCESS FROM EXTERIOR OF UNIT.
- E. ALL EQUIPMENT SHALL BE THOROUGHLY CLEANED AND ALL BARE, SCRATCHED OR MARKED AREAS SHALL BE PAINTED WITH FACTORY PAINT OR AN OWNER APPROVED EQUAL.
- F. IN A MANNER SATISFACTORY TO THE OWNER'S REPRESENTATIVE, TOUCH-UP OR REFINISH FACTORY-APPLIED PAINTS OR FINISHES WHICH ARE CHIPPED, DEFAZED, SCRATCHED, OR IN ANY OTHER WAY DISTURBED DUE TO HANDLING, INSTALLATION, OR GENERAL CONSTRUCTION WORK.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP DURING AND AT CONCLUSION OF CONSTRUCTION PERIOD. NO MATERIALS SHALL BE LEFT ON SITE WHEN WORK IS COMPLETED, UNLESS REQUESTED BY OWNER'S REPRESENTATIVE. ALL MATERIALS SHALL BE DISPOSED OF PROPERLY.
- H. CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING ANY HOLES IN EXISTING NEW BEAMS THAT ARE REQUIRED FOR ROUTING PIPING/DUCT/CONDUIT. ALL HOLES TO BE MADE IN THE MIDDLE THIRD (HEIGHT AND WIDTH WISE) OF THE BEAMS. COORDINATE WITH STRUCTURAL ENGINEER/GENERAL CONTRACTOR BEFORE CUTTING.
- I. COORDINATE ALL ROOF AND WALL PENETRATIONS WITH EXISTING NEW STRUCTURAL CONDITIONS. MAINTAIN ALL ROOF WARRANTIES. ALL PENETRATIONS THROUGH FIRE-RATED WALLS AND FLOORS SHALL BE CALKED AND SEALED WITH APPROVED FIRE RATED CAULKING MATERIAL.
- J. INSTALL RACEWAYS AND ELECTRICAL EQUIPMENT, WHICH PENETRATE FIRE-RATED OR SMOKE BARRIER SURFACES, IN A MANNER, WHICH MAINTAINS THE SURFACE RATING OR BARRIER INTENT. DRILL WALL AND FLOOR OPENINGS FOR PENETRATIONS AS NEEDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING SLEEVES, CUTTING AND PATCHING, AND PLACING ROOF PENETRATIONS.
- K. PROVIDE PERMANENT TYPED LABELS PER NEC 2017-ARTICLE 110 AND AHJ.
- L. THE CONTRACTOR SHALL COORDINATE SERVICE INTERRUPTIONS WITH OWNER, MINIMUM OF 10 DAYS NOTICE IN ADVANCE.

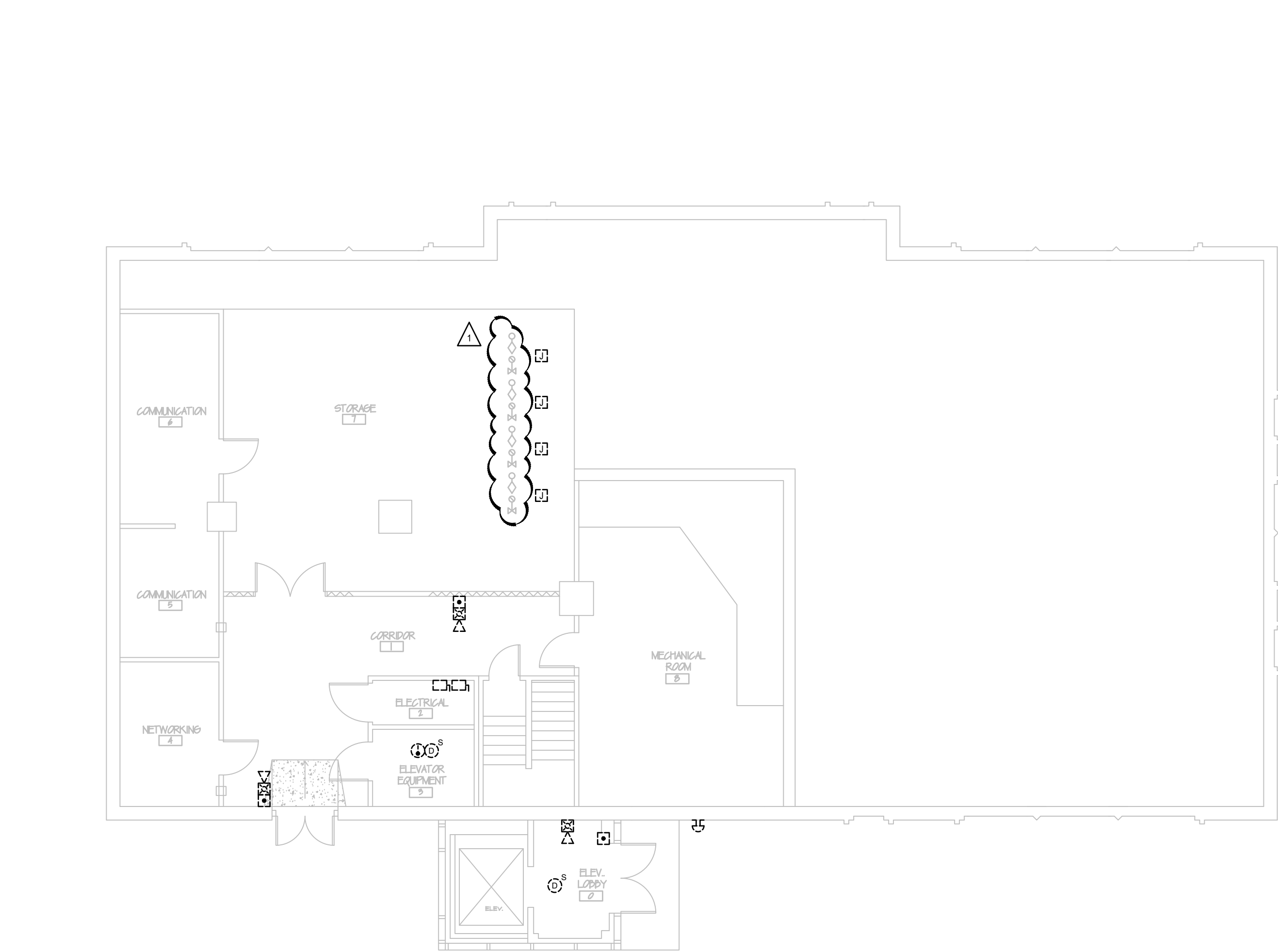
ELEVATOR GENERAL NOTES

- A. INSTALL AND COMPLETE FIRE ALARM SYSTEM FOR ELEVATOR RECALL. SMOKE DETECTORS SHALL BE INSTALLED IN EACH ELEVATOR LOBBY, ELEVATOR MACHINE ROOM AND HOISTWAY IN ACCORDANCE WITH NFPA AND/OR LOCAL CONDITIONS AND CODES. ACTIVATION OF ANY OF THESE SMOKE DETECTORS SHALL INITIATE ELEVATOR RECALL.
- B. ACTIVATION OF SMOKE DETECTOR(S) ON A DESIGNATED LEVEL SHALL CAUSE THE ELEVATOR TO RETURN TO AN ALTERNATE LEVEL. DESIGNATED AND ALTERNATE LEVELS TO BE DETERMINED BY THE ELEVATOR INSPECTOR AND FIRE MARSHAL.
- C. VERIFY ALL EQUIPMENT LOCATIONS AND REQUIREMENTS WITH ELEVATOR MANUFACTURER'S SHOP DRAWING PRIOR TO INSTALLATION OF EQUIPMENT.
- D. ELEVATOR CONTROL SHALL HAVE A SEPARATE, DEDICATED PHONE LINE FOR EMERGENCY CALLOUT.

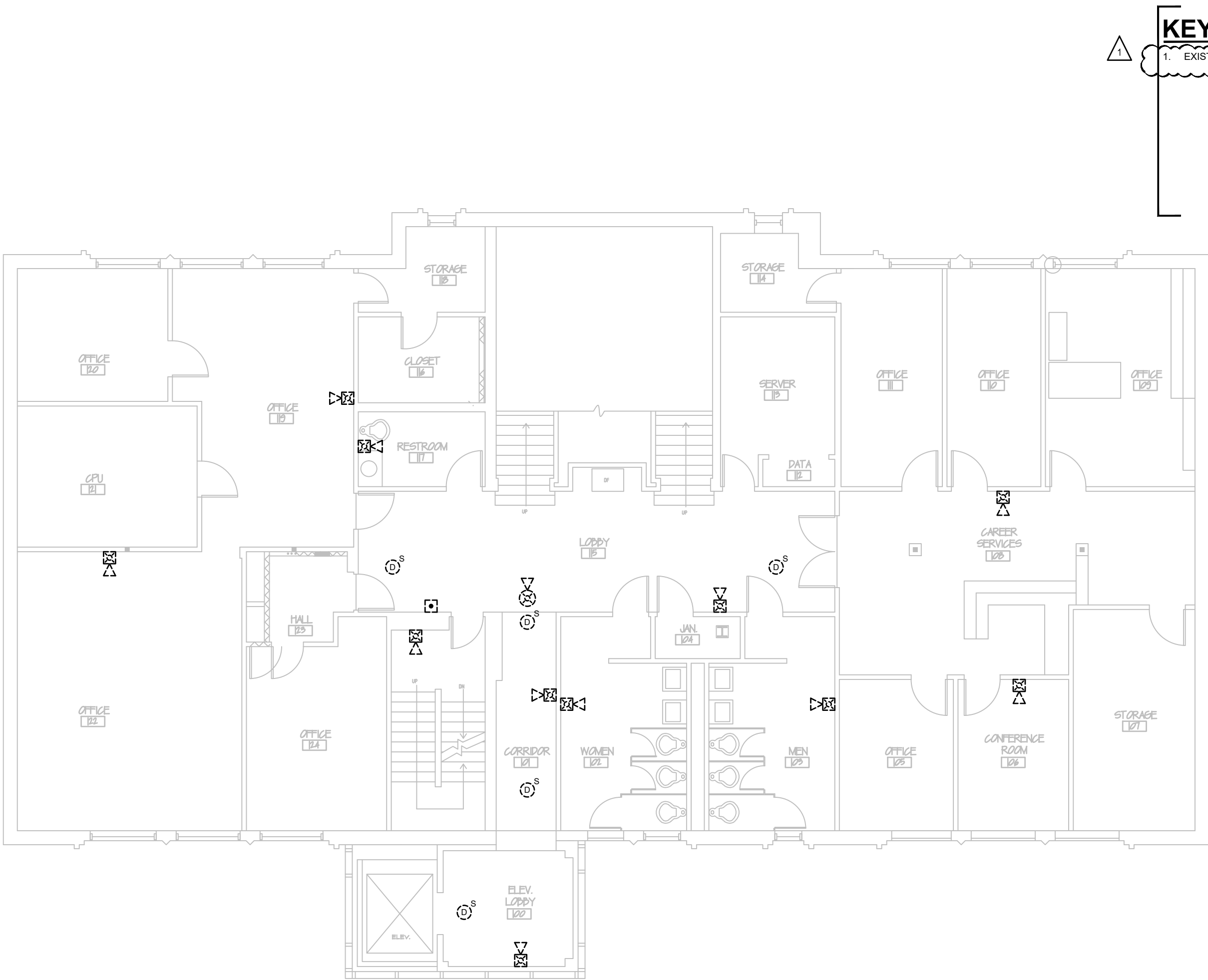
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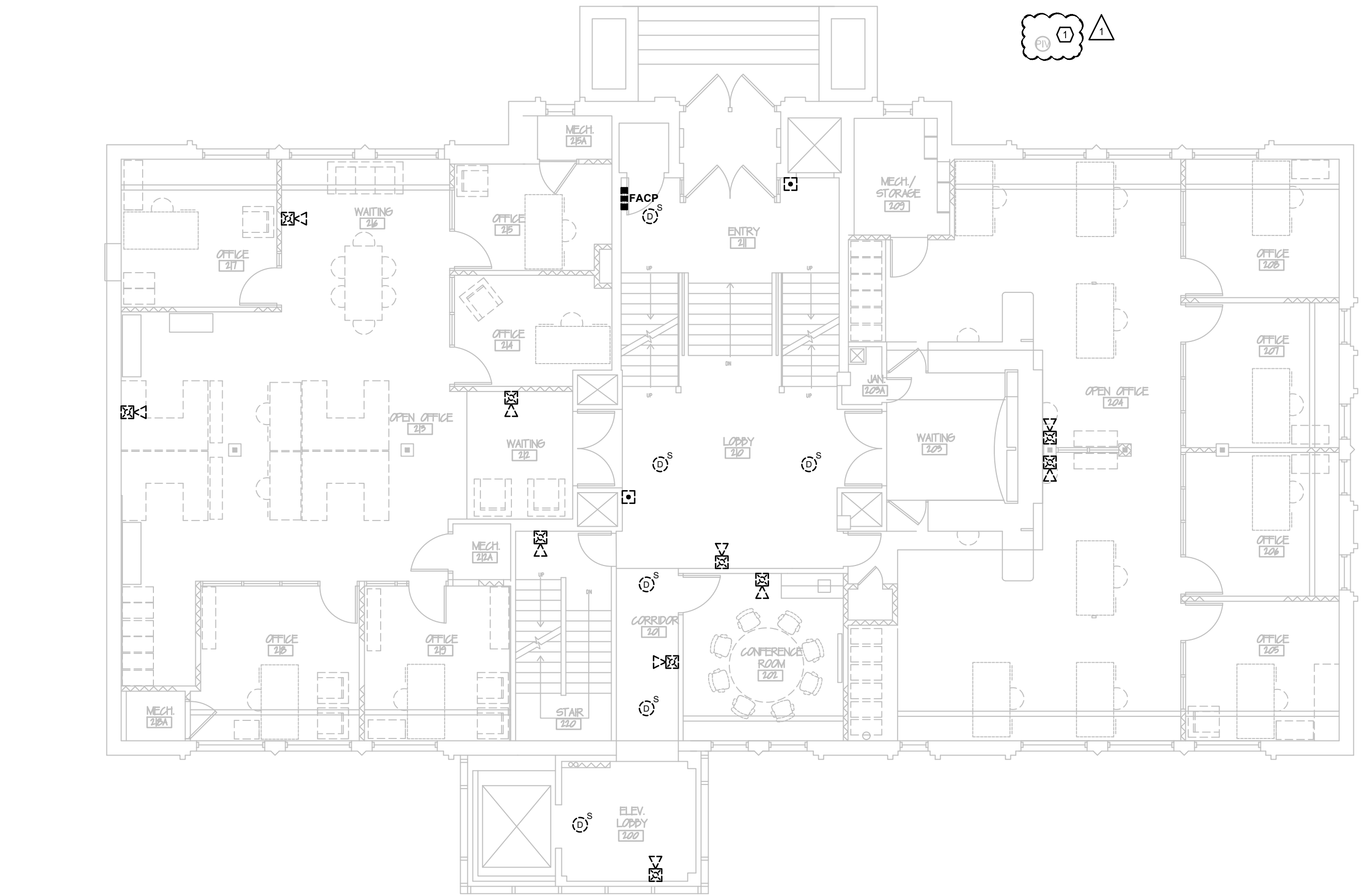




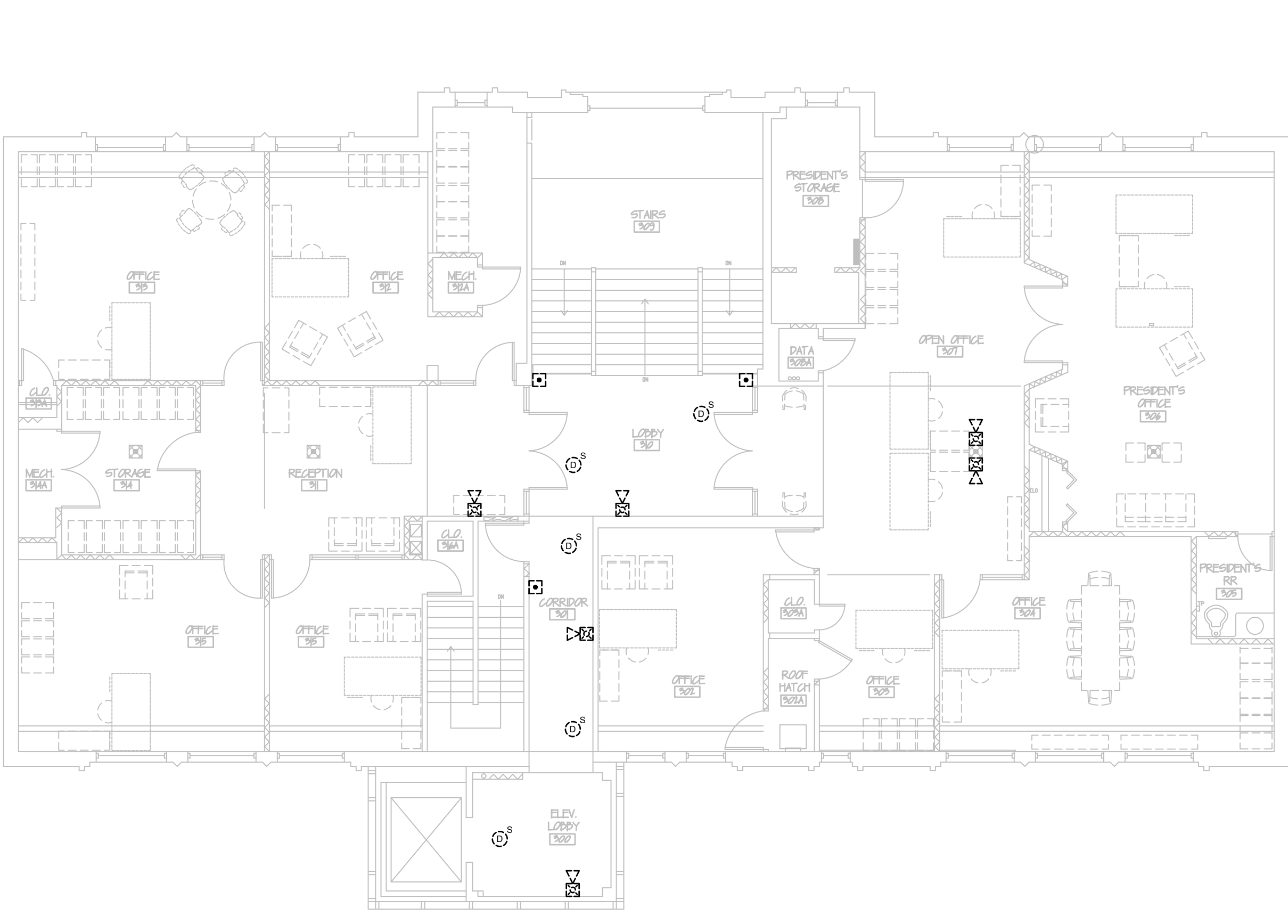
BASEMENT FIRE ALARM DEMOLITION
SCALE: 1/8" = 1'-0"



FIRST FLOOR FIRE ALARM DEMOLITION
SCALE: 1/8" = 1'-0"



SECOND FLOOR FIRE ALARM DEMOLITION
SCALE: 1/8" = 1'-0"



THIRD FLOOR FIRE ALARM DEMOLITION
SCALE: 1/8" = 1'-0"

KEY NOTES

SYMBOL = (V)

1. EXISTING PIV VALVE TO REMAIN. FIELD VERIFY LOCATION.



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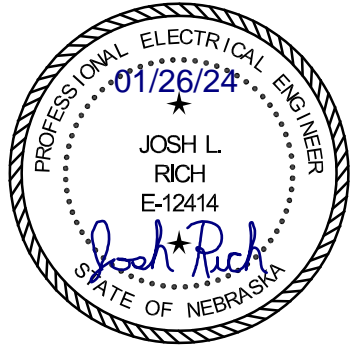
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PROJECT #: 23-131
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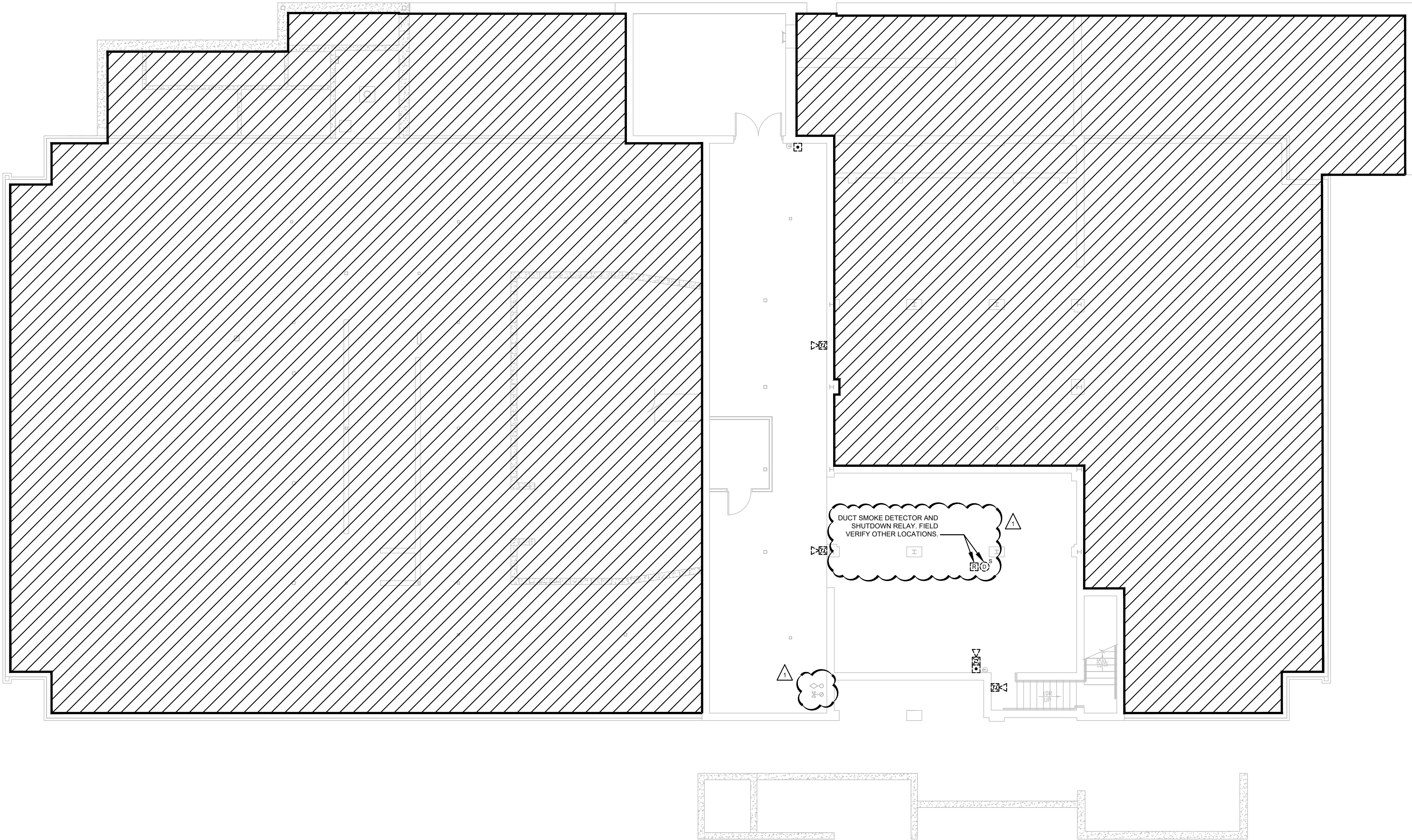
No.	Issued For	Date
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


ADMIN. BUILDING
FIRE ALARM
DEMOLITION

ED1.0



 **JINDRA BASEMENT FIRE ALARM DEMOLITION**
SCALE: 1/8" = 1'-0"

KEY NOTES	SYMBOL = 
1. -	



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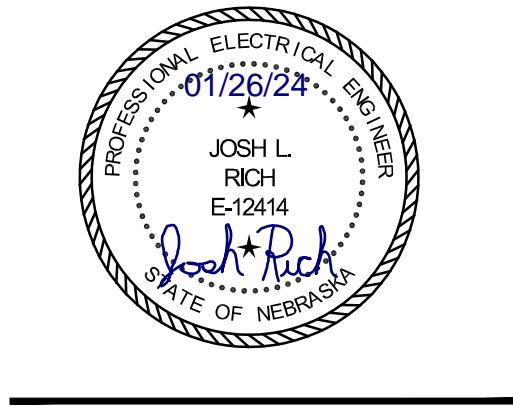
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JINDRA - BASEMENT
FIRE ALARM
DEMOLITION

ED1.1



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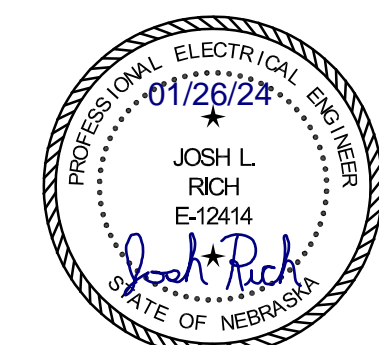
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PROJECT #: 23-131
CERTIFICATE OF AUTHORIZATION # CA180

**PERU STATE COLLEGE
FIRE ALARM
PERU, NEBRASKA**

No.	Issued For	Date
1	ADDENDUM#1 - PRE-BID	1/26/24

DATE: 1/10/2024



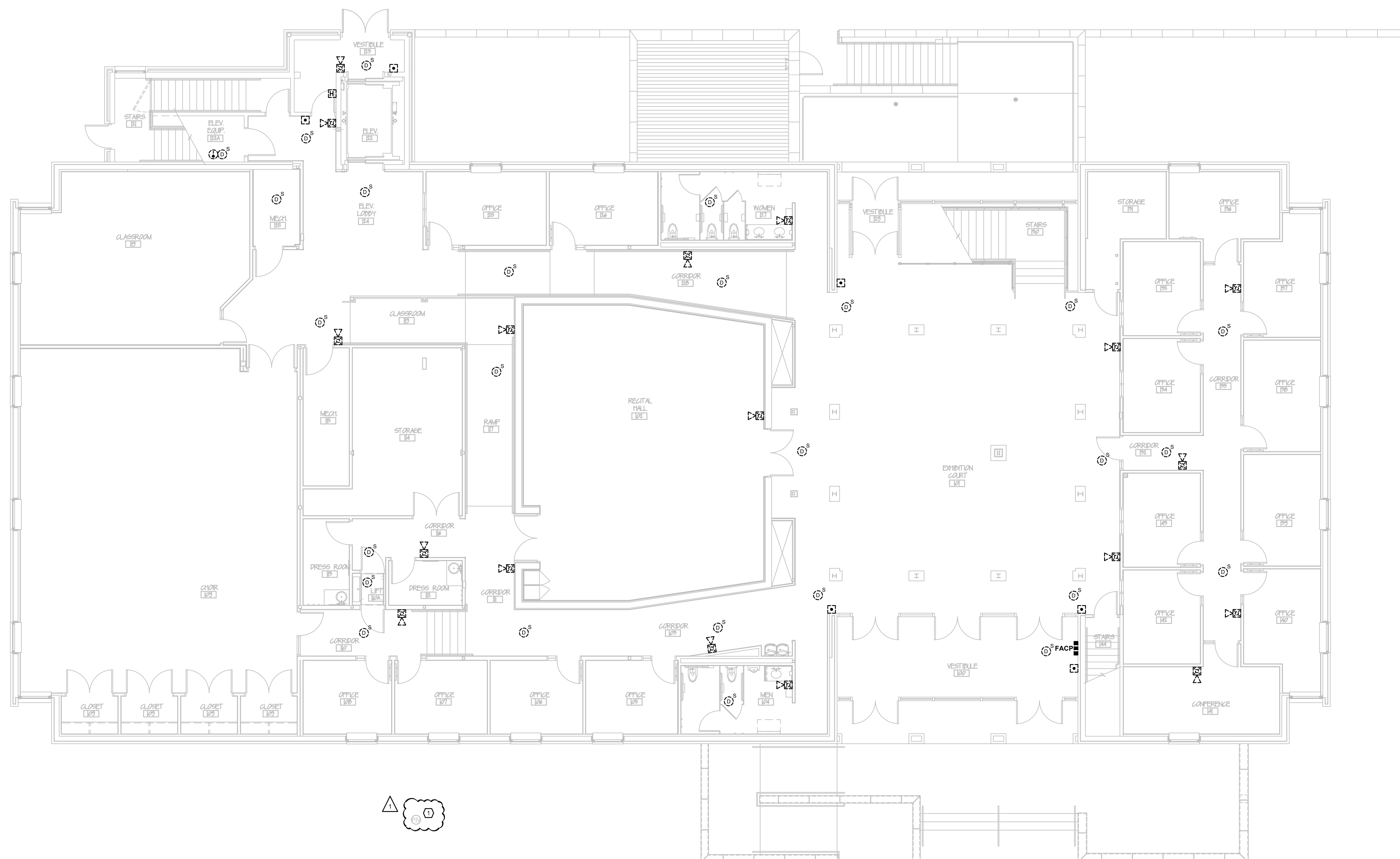
**JINDRA - 1ST FLOOR
FIRE ALARM
DEMOLITION**

ED1.2

KEY NOTES

SYMBOL = 

1. EXISTING PIV VALVE TO REMAIN. FIELD VERIFY LOCATION



JINDRA FIRST FLOOR FIRE ALARM DEMOLITION

SCALE: 1/8" = 1'-0"

No.	Issued For	Date
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1	ADDENDUM #1 - PRE-BID	1/26/24
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
DATE: 1/10/2024

**JINDRA - 1ST FLOOR
FIRE ALARM
DEMOLITION**

ED1.2

KEY NOTES

1. -

SYMBOL = 

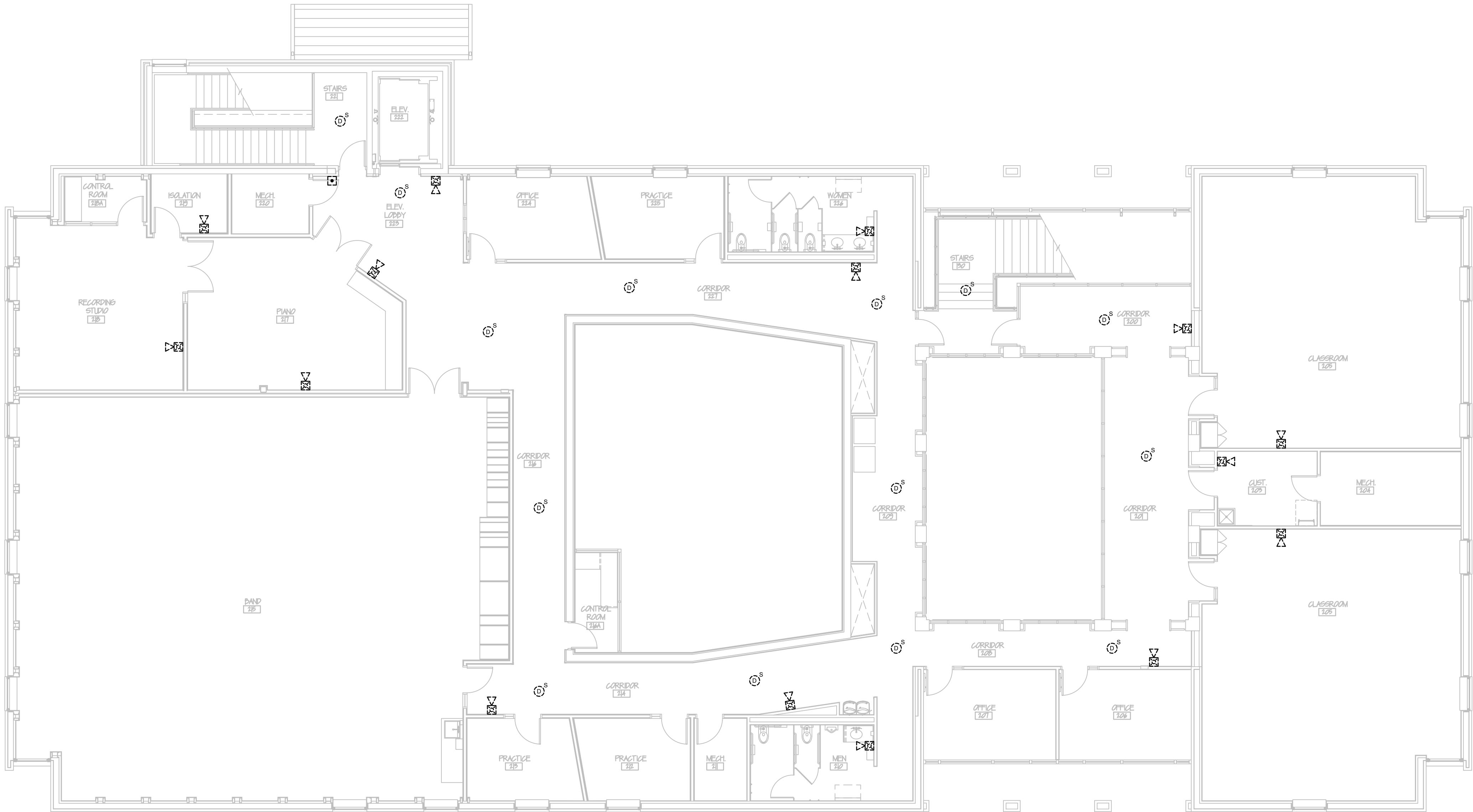


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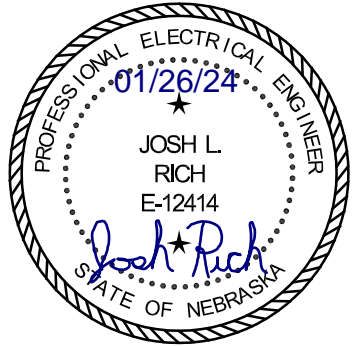


JINDRA SECOND FLOOR FIRE ALARM DEMOLITION
SCALE: 1/8" = 1'-0"

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PERU, NEBRASKA

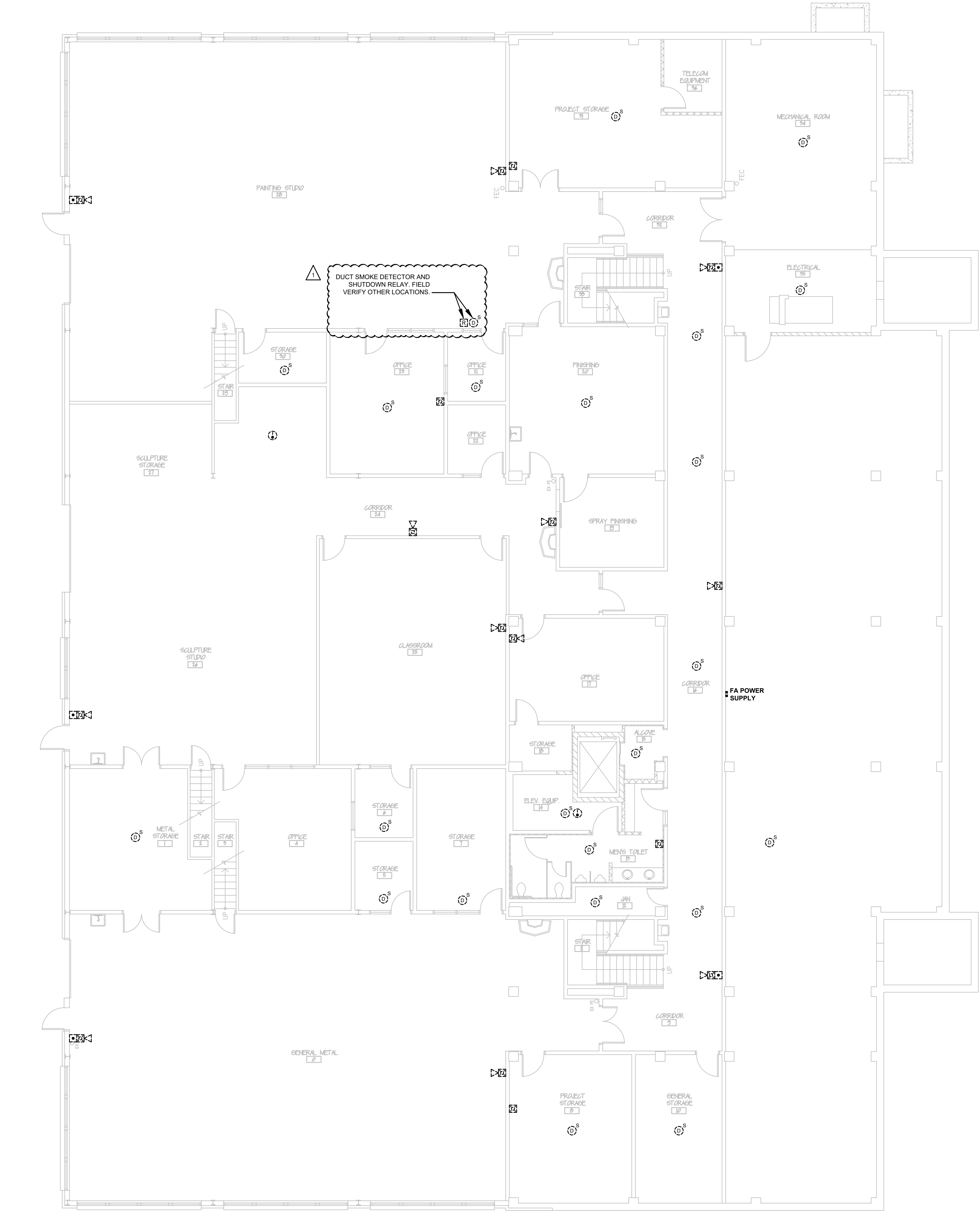
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DATE: 1/10/2024



JINDRA - 2ND FLOOR
FIRE ALARM
DEMOLITION

ED1.3



 **LARSON BASEMENT FIRE ALARM DEMOLITION**
SCALE: 1/8" = 1'-0"

KEY NOTES

SYMBOL = 

1. -



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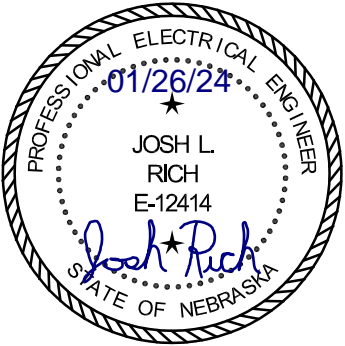
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DATE: 1/10/2024




LARSON - BASEMENT
FIRE ALARM
DEMOLITION

ED1.4




 **LARSON FIRST FLOOR FIRE ALARM DEMOLITION**
SCALE: 1/8" = 1'-0"



KEY NOTES

1. EXISTING PIV VALVE TO REMAIN. FIELD VERIFY LOCATION.
2. EXISTING WEATHERPROOF BELL TO BE REPLACED.

SYMBOL =





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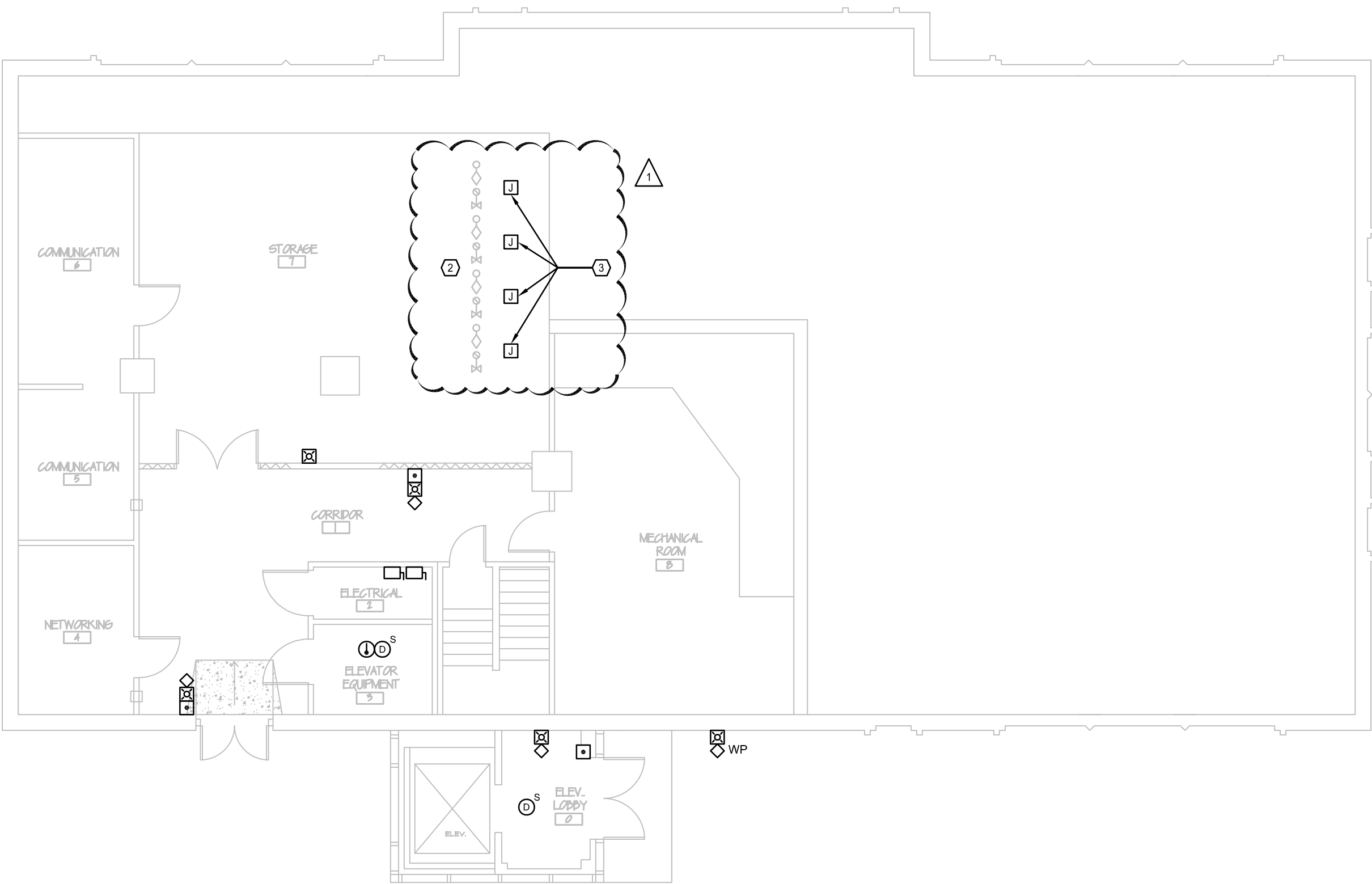
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DATE: 1/10/2024

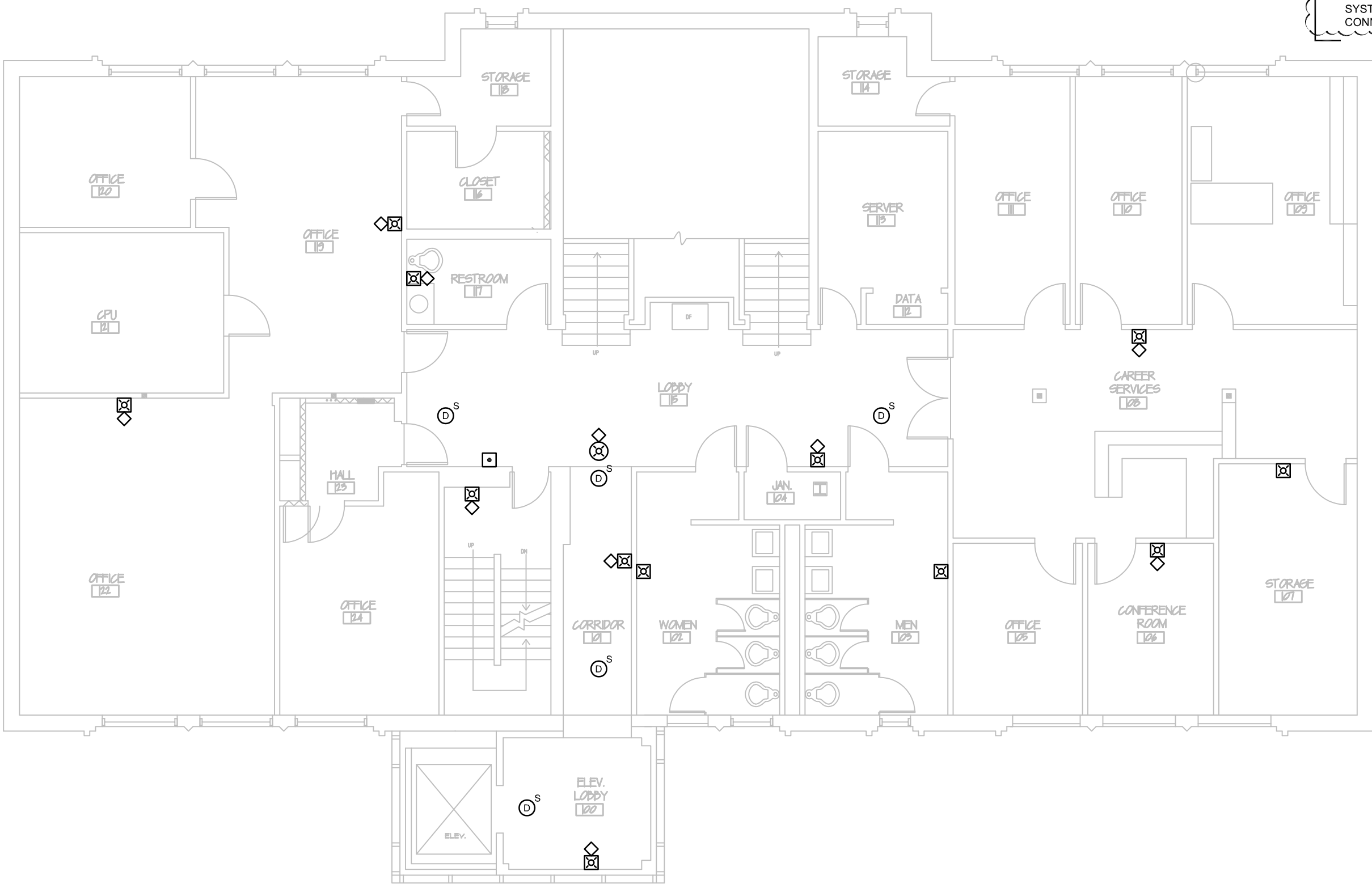


LARSON - FIRST FLOOR
FIRE ALARM
DEMOLITION

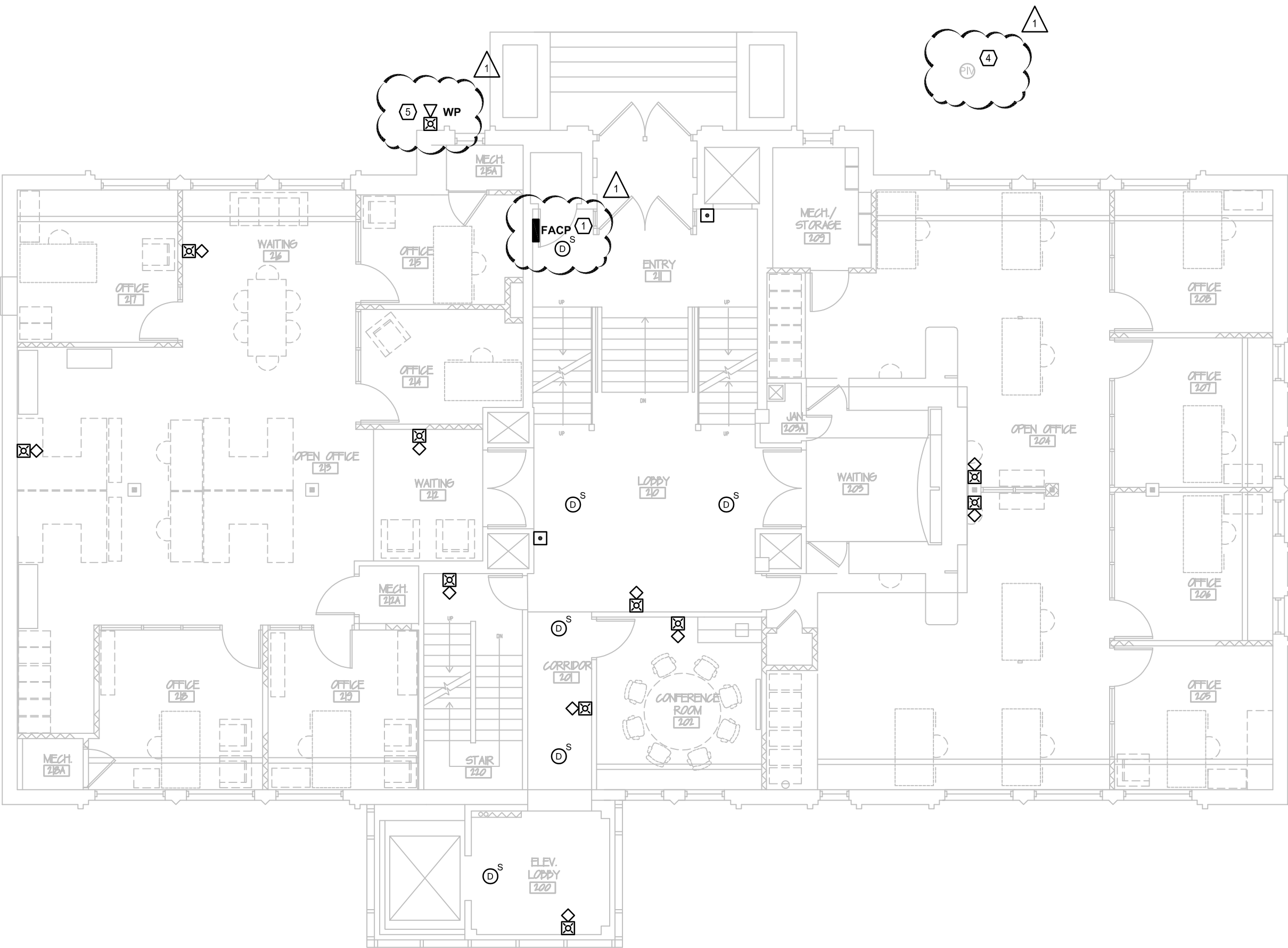
ED1.5



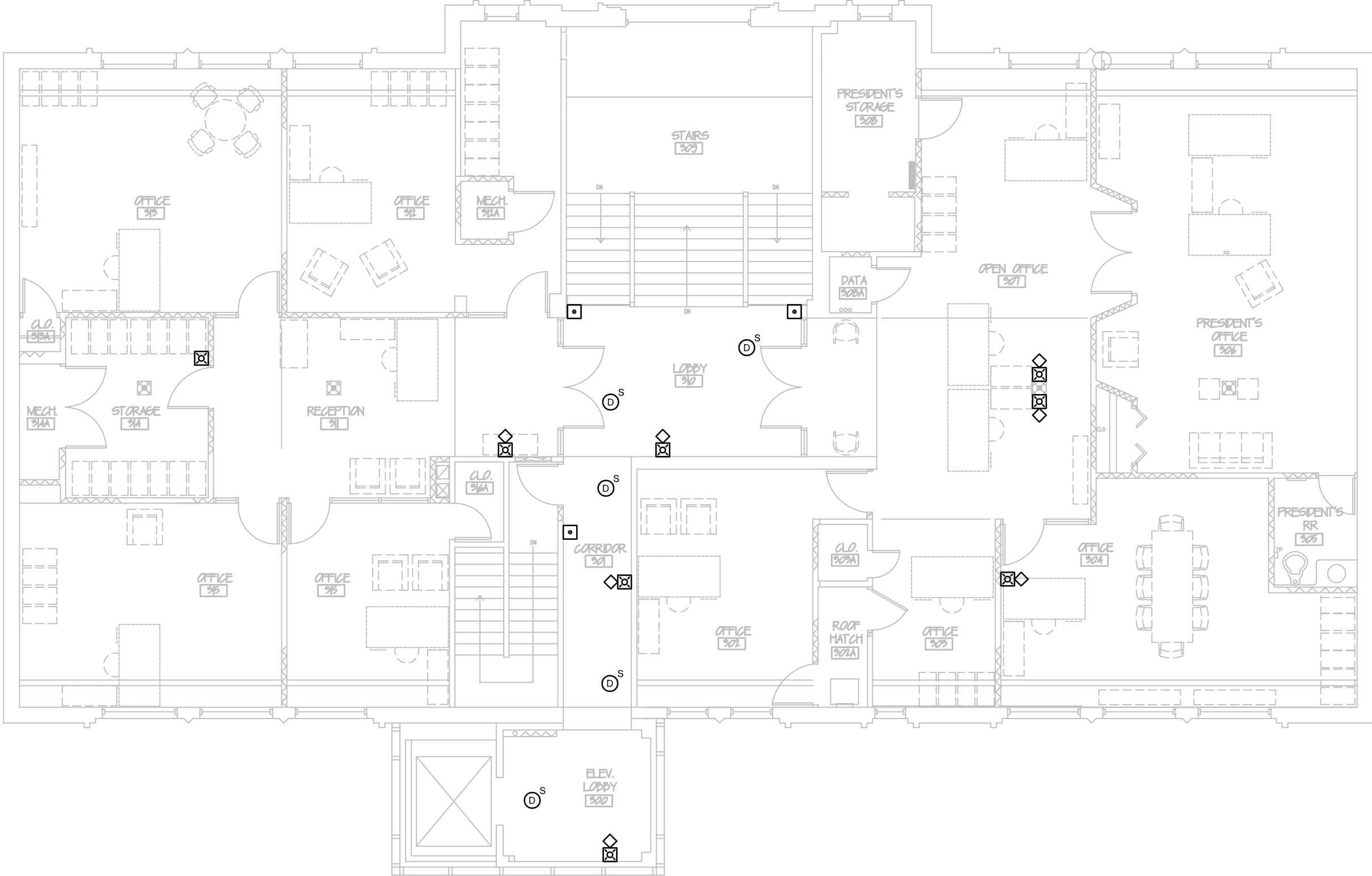
 **BASEMENT FIRE ALARM NEW**
SCALE: 1/8" = 1'-0"



 **FIRST FLOOR FIRE ALARM NEW**
SCALE: 1/8" = 1'-0"



 **SECOND FLOOR FIRE ALARM NEW**
SCALE: 1/8" = 1'-0"



 **THIRD FLOOR FIRE ALARM NEW**
SCALE: 1/8" = 1'-0"

KEY NOTES

1. FIRE ALARM CONTROL PANEL. ROUTE TWO CAT 5E TO TERMINATION BOARD FOR EMERGENCY CALLOUT. CONNECT TO INTERCOM SYSTEM TO SHUTOFF/DISABLE THIS SYSTEM WHEN FIRE ALARM IS ACTIVATED AND IN OPERATION.


2. TYPICAL. RECONNECT EXISTING TAMPER/FLOW SWITCHES TO FIRE ALARM SYSTEM.

3. PROVIDE COMPATIBLE MODULES AS REQUIRED FOR MULTIPLE DEVICES.

4. EXISTING PIV. CONNECT NEW FIRE ALARM SYSTEM. FIELD VERIFY LOCATION.

5. WEATHERPROOF HORN STROBE. CONNECT TO FIRE ALARM SYSTEM. COORDINATE LOCATION WITH FIRE DEPARTMENT CONNECTION.

SYMBOL =





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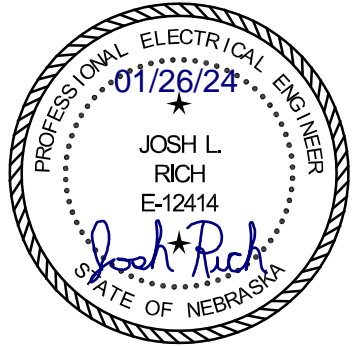
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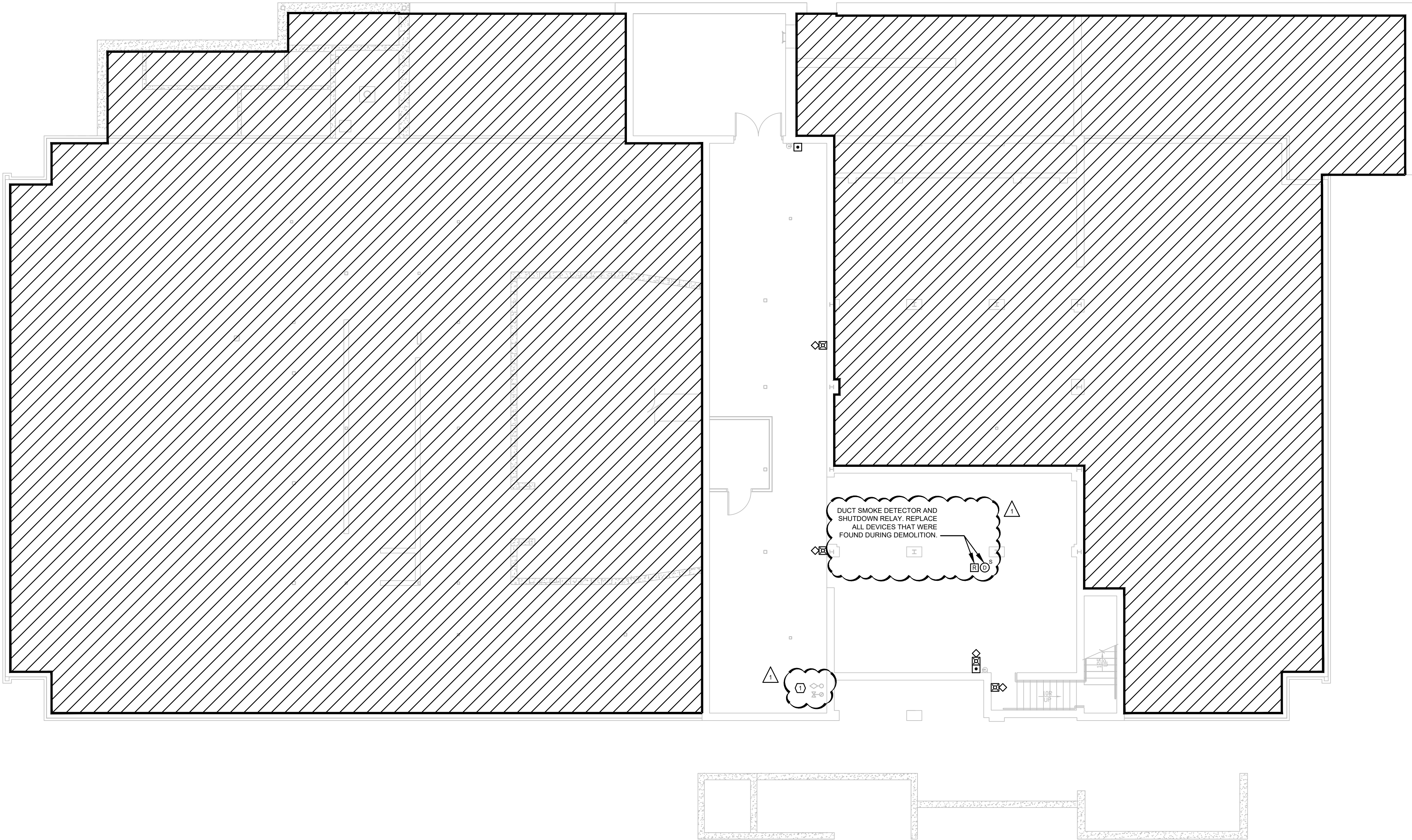
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ADMIN. BUILDING
FIRE ALARM - NEW

E1.0




 **JINDRA BASEMENT FIRE ALARM NEW**
SCALE: 1/8" = 1'-0"




KEY NOTES

1. RECONNECT EXISTING TAMPERFLOW SWITCHES TO FIRE ALARM SYSTEM

SYMBOL =





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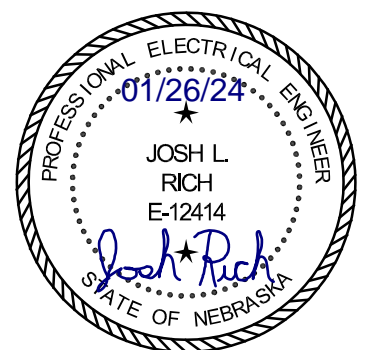
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JINDRA - BASEMENT
FIRE ALARM - NEW

E1.1



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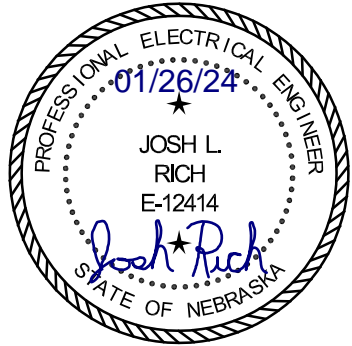
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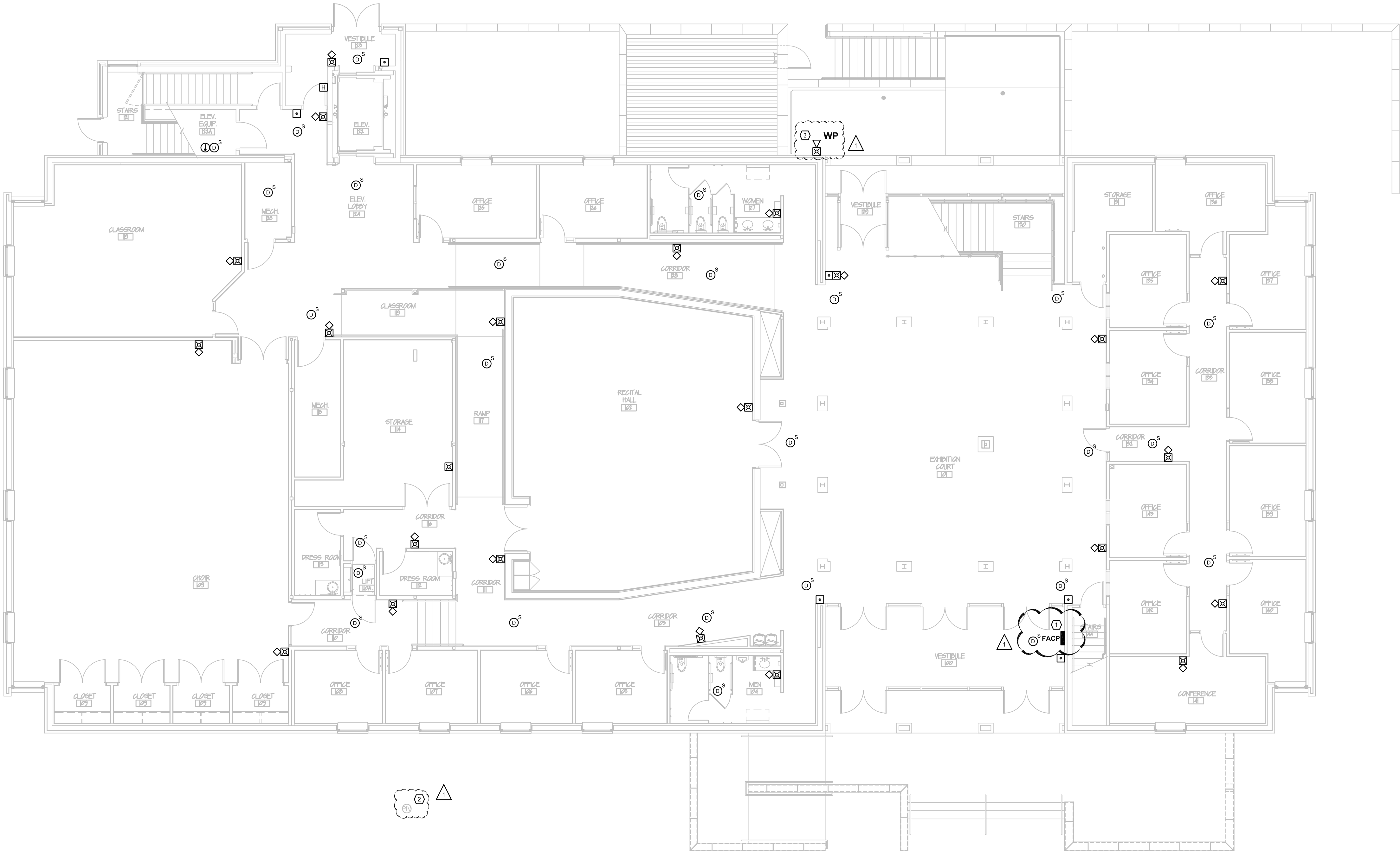
JINDRA - 1ST FLOOR
FIRE ALARM - NEW

E1.2

KEY NOTES

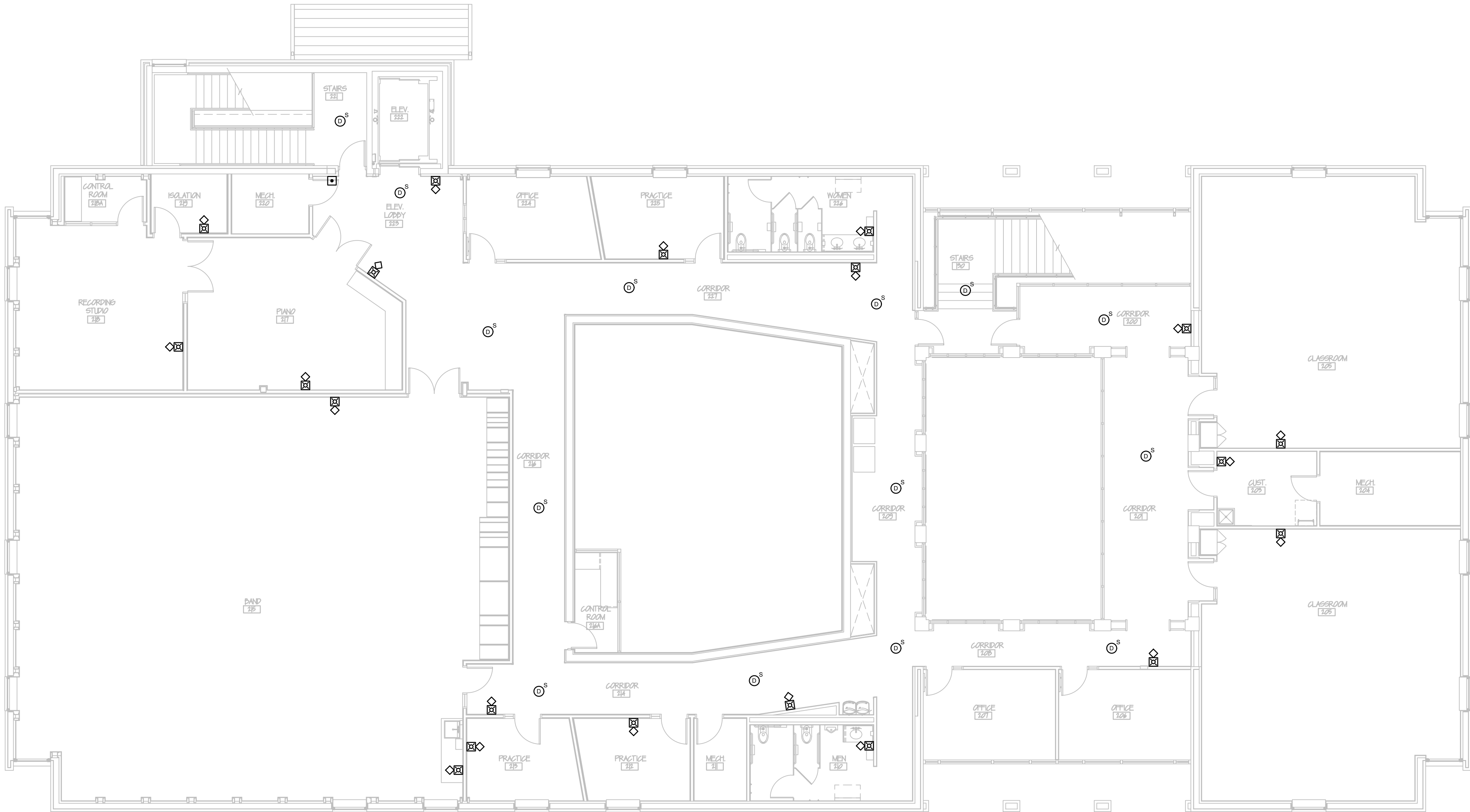
SYMBOL =

- FIRE ALARM CONTROL PANEL. ROUTE TWO CAT SE TO TERMINATION BOARD FOR EMERGENCY CALLOUT. CONNECT TO INTERCOM SYSTEM TO SHUTOFF/DISABLE THIS SYSTEM WHEN FIRE ALARM IS ACTIVATED AND IN OPERATION.
- EXISTING PIV. CONNECT NEW FIRE ALARM SYSTEM. FIELD VERIFY LOCATION.
- WEATHERPROOF HORN STROBE. CONNECT TO FIRE ALARM SYSTEM. COORDINATE LOCATION WITH FIRE DEPARTMENT CONNECTION.



JINDRA FIRST FLOOR FIRE ALARM NEW

SCALE: 1/8" = 1'-0"



JINDRA SECOND FLOOR FIRE ALARM NEW

SCALE: 1/8" = 1'-0"

KEY NOTES

1.

SYMBOL = (X)



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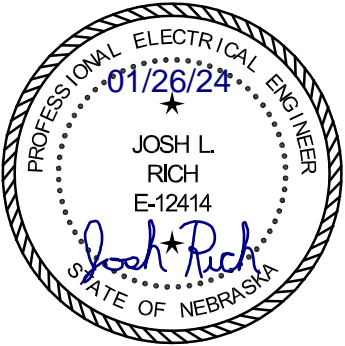
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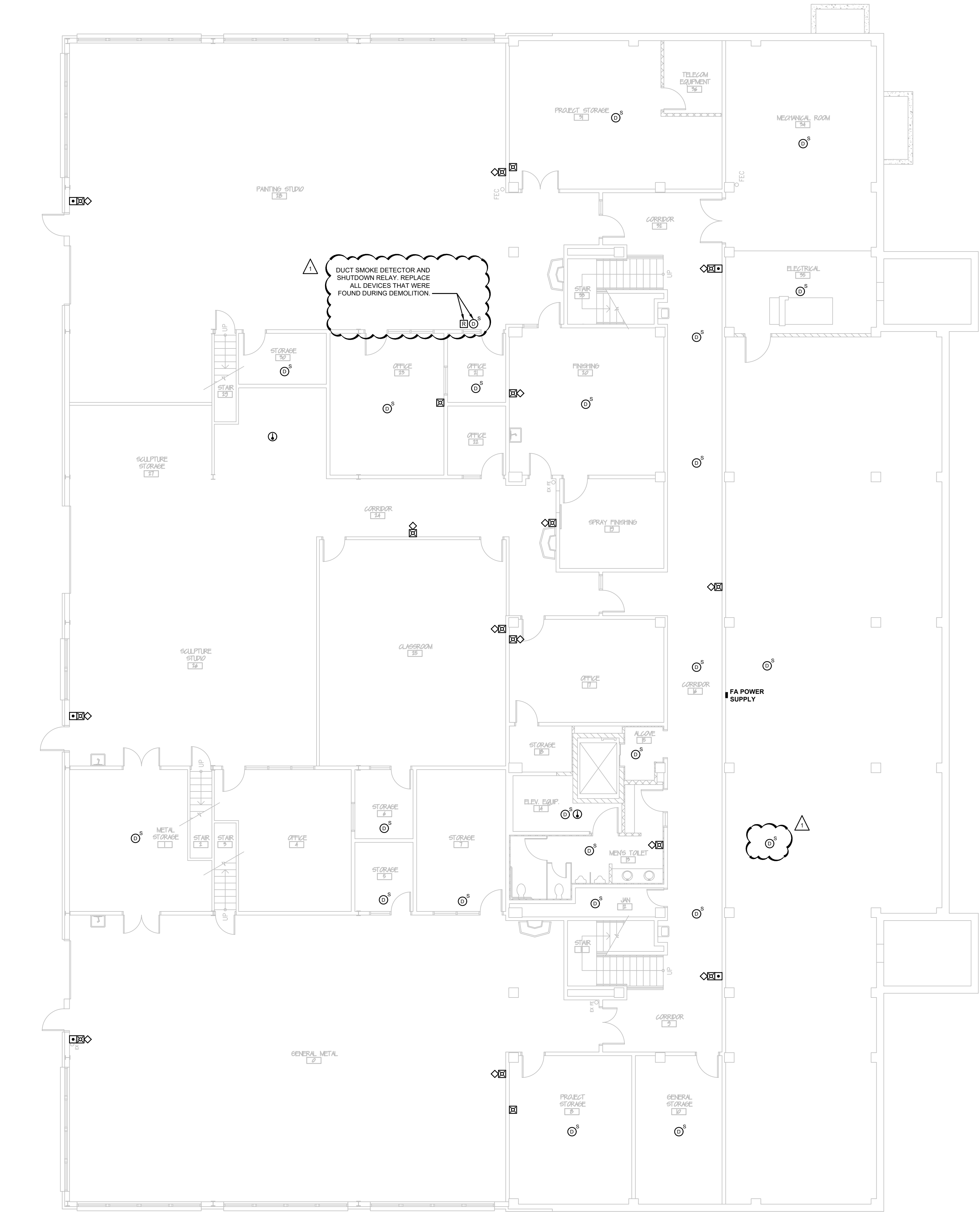
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JINDRA - 2ND FLOOR
FIRE ALARM - NEW

E1.3



 **LARSON BASEMENT FIRE ALARM NEW**
SCALE: 1/8" = 1'-0"

KEY NOTES

SYMBOL = 

1.



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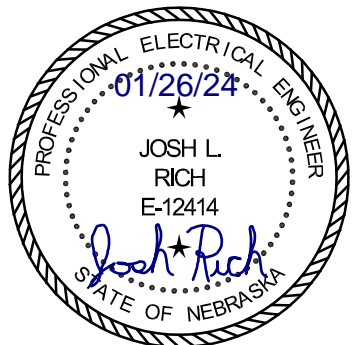
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LARSON - BASEMENT
FIRE ALARM - NEW

E1.4



- KEY NOTES
- SYMBOL =
1. FIRE ALARM CONTROL PANEL. ROUTE TWO CAT 5E TO TERMINATION BOARD FOR EMERGENCY CALLOUT. CONNECT TO INTERCOM SYSTEM TO SHUTOFF/DISABLE THIS SYSTEM WHEN FIRE ALARM IS ACTIVATED AND IN OPERATION.

2. CONNECT TAMPER/LOW SWITCHES TO FIRE ALARM SYSTEM.

3. EXISTING PIV. CONNECT NEW FIRE ALARM SYSTEM. FIELD VERIFY LOCATION.

4. FIRE ALARM ANNUNCIATOR PANEL. CONNECT TO FIRE ALARM SYSTEM.

5. WEATHERPROOF HORN STROBE. CONNECT TO FIRE ALARM SYSTEM. COORDINATE LOCATION WITH FIRE DEPARTMENT CONNECTION.



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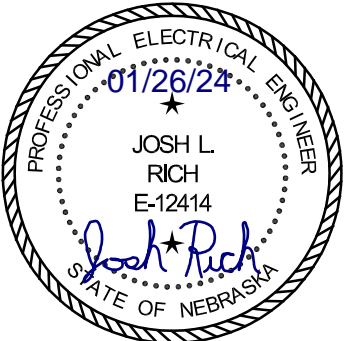
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DATE: 1/10/2024



LARSON - FIRST FLOOR
FIRE ALARM - NEW

E1.5