

# LAN ROOM-FIRE SUPPRESSION SYSTEM REPLACEMENT

## LOTTERY HEADQUARTERS BUILDING

### JEFFERSON CITY, MISSOURI

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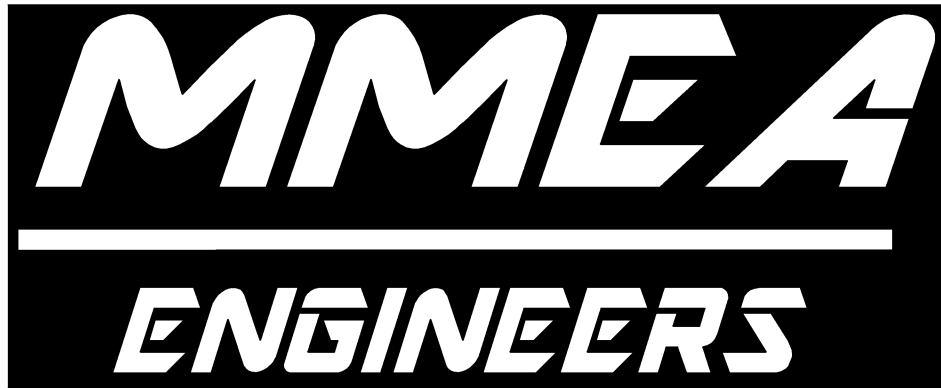
PROJECT MANAGEMENT:

OFFICE OF ADMINISTRATION DIVISION  
OF FACILITIES MANAGEMENT, DESIGN  
AND CONSTRUCTION

OWNER:

STATE OF MISSOURI  
MICHAEL L. PARSON, GOVERNOR  
MISSOURI STATE LOTTERY

MECH / ELEC ENGINEER:



MID MISSOURI ENGINEERING ALLIANCE  
203 Eastland Dr.,  
Jefferson City, MO 65101  
PHONE: 573.636.2116  
EMAIL: WAYNE@MMEAENG.COM  
Missouri Certificate of Authority Number:  
2018019632



EXPIRES: 12-31-23  
*Wayne A. Strobe*

Wayne A. Strobe

The Engineer, whose signature appears on the mechanical, plumbing, & electrical drawings, assumes responsibility only for what appears on the drawings, and disclaims (pursuant to Section 327.11 RSMo) any responsibility for all other plans, specifications, estimates, reports, or other documents or instruments not sealed by the above Engineer relating to, or intended to be used for, any part or parts of the project to which these drawings refer.

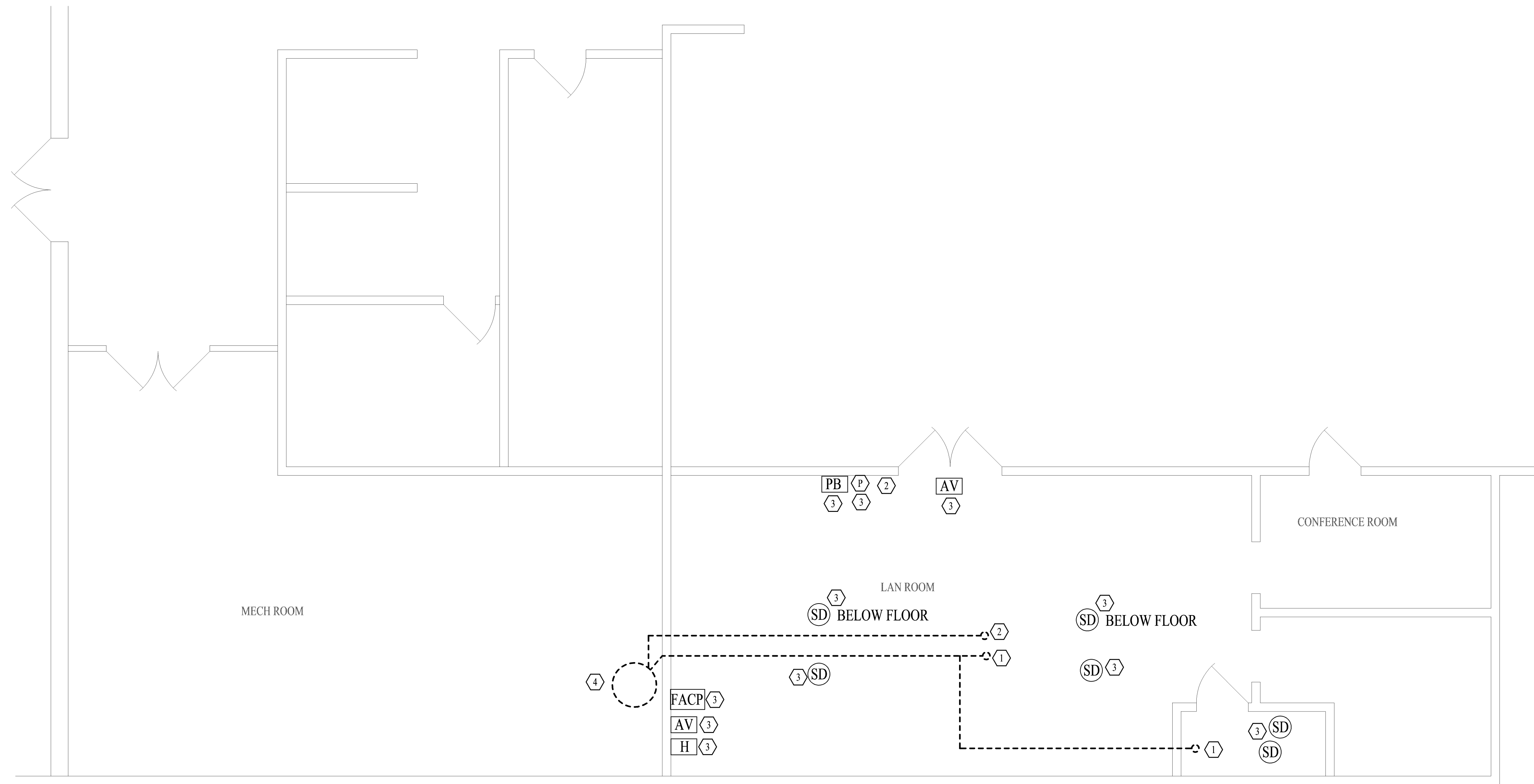
SCHEDULE OF MECHANICAL / ELECTRICAL DRAWINGS:

	COVERSHEET
ME1	MECHANICAL / ELECTRICAL DEMOLITION FLOOR PLAN
ME2	MECHANICAL / ELECTRICAL RENOVATION FLOOR PLAN

PROJECT: N2201-01  
SITE: 1951  
ASSET: 8611951001  
OCTOBER 4, 2022



SITE MAP



**01 MECHANICAL / ELECTRICAL  
DEMOLITION FLOOR PLAN**

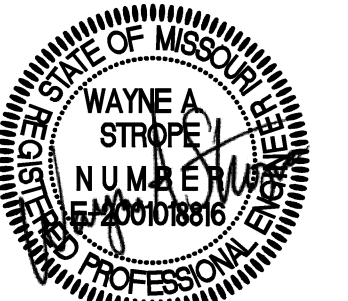
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**NOTES:**

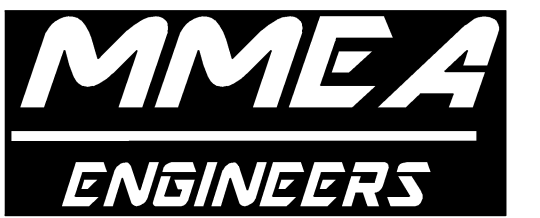
- ① REMOVE THE EXISTING HALON FIRE SUPPRESSION DISTRIBUTION HEAD AND ABOVE CEILING PIPING BACK TO THE MECHANICAL ROOM.
- ② REMOVE THE EXISTING UNDER FLOOR HALON FIRE SUPPRESSION DISTRIBUTION HEAD AND UNDER FLOOR PIPING BACK TO THE MECHANICAL ROOM.
- ③ REMOVE THE EXISTING FIRE ALARM SYSTEM ASSOCIATED WITH FIRE SUPPRESSION SYSTEM AND ALL ASSOCIATED DEVICES.
- ④ REMOVE THE EXISTING HALON SYSTEM TANK.

**FIRE CODE SUMMARY:**

ASME (BPV VIII, 1) - Boiler and Pressure Vessel Code, Section VIII, Division 1 - Rules for Construction of Pressure Vessels; The American Society of Mechanical Engineers; 2013.  
 NEMA ICS 6 - Industrial Control and Systems: Enclosures; 1993 (R2011).  
 NFPA 72 - National Fire Alarm and Signaling Code; 2016.  
 NFPA 2001 - Standard on Clean Agent Fire Extinguishing Systems; 2015.ractor  
 Contractor to obtain a permit per 11-CSR 40-2.025



EXPIRES 12-31-23



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LAN ROOM-FIRE SUPPRESSION  
SYSTEM REPLACEMENT  
MISSOURI STATE LOTTERY  
LOTTERY HEADQUARTERS  
BUILDING  
1823 SOUTHRIDGE  
JEFFERSON CITY, MISSOURI 65109

PROJECT: N2201-01  
SITE: 1951  
ASSET: 8611951001  
CD DOCUMENTS

REVISION	DATE

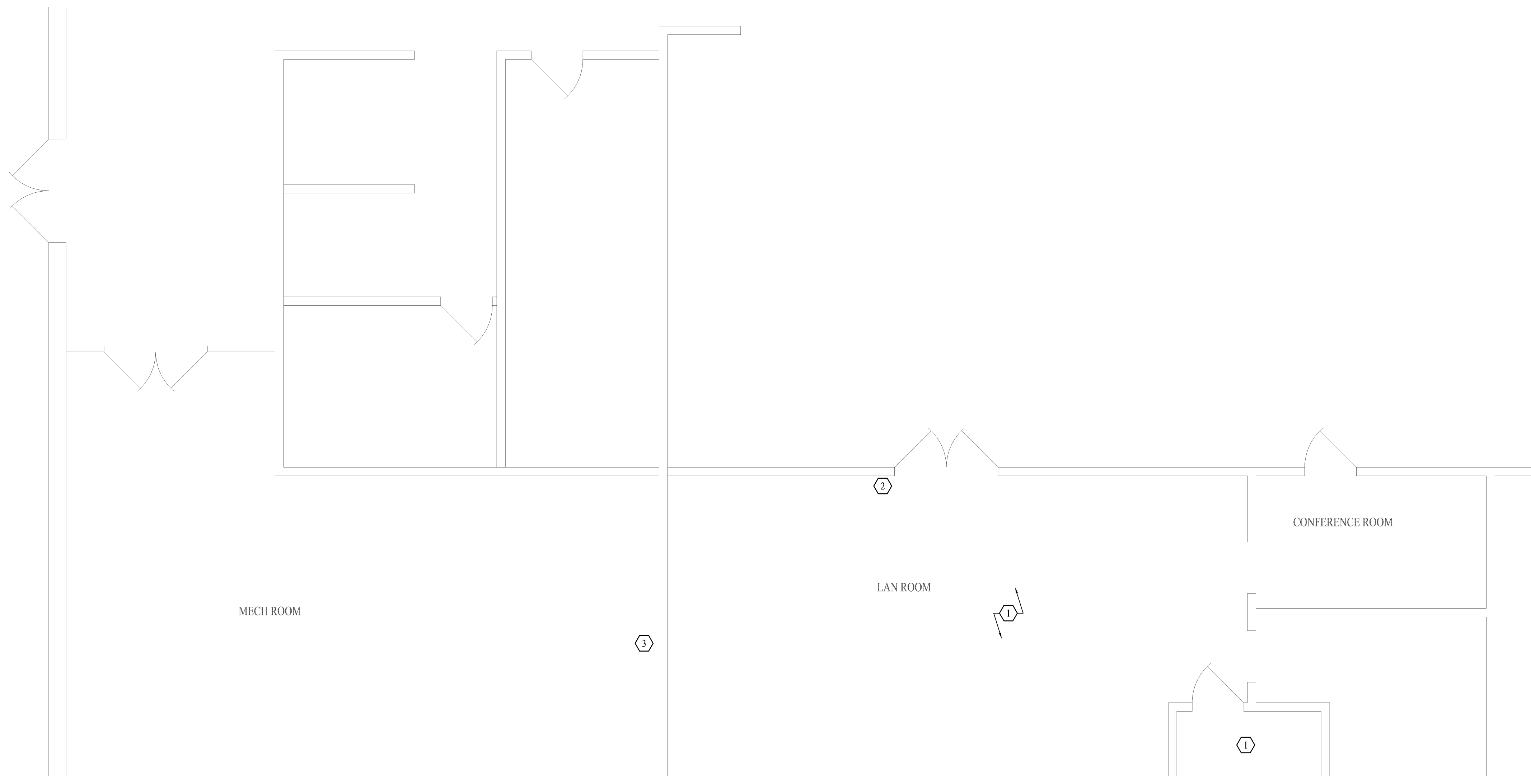
CAD DWG FILE: 22001  
DRAWN BY: JS  
CHECKED BY: WS  
DESIGNED BY: WS

SHEET TITLE:  
**MECH / ELEC  
DEMOLITION  
FLOOR PLAN**

SHEET NUMBER:

**ME1**

SHEET 2 OF 3  
ISSUE DATE: OCTOBER 4, 2022



**01 MECHANICAL / ELECTRICAL RENOVATION FLOOR PLAN**

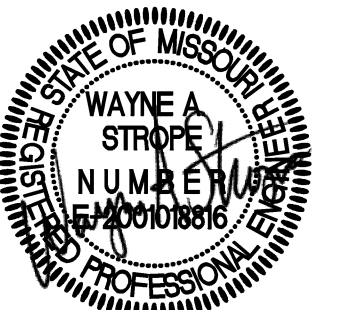
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**NOTES:**

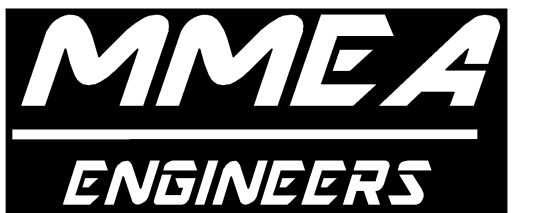
- ① INSTALL NEW CLEAN AGENT FIRE SUPPRESSION SYSTEM. CERTIFIED SYSTEM DESIGNER TO PROVIDE DRAWINGS TO ENGINEER OF RECORD FOR APPROVAL. THE SYSTEM SHALL BE DESIGNED TO PROTECT THE SPACE INDICATED INCLUDING THE AREA UNDER THE RAISED FLOOR.
- ② INSTALL THE NEW FIRE ALARM SYSTEM TO INTEGRATE WITH THE NEW FIRE SUPPRESSION SYSTEM. PROVIDE DRAWINGS TO THE ENGINEER OF RECORD FOR APPROVAL. CONNECT TO THE EXISTING BUILDING FIRE ALARM SYSTEM.
- ③ INSTALL THE NEW TANK(S) FOR THE NEW FIRE SUPPRESSION SYSTEM IN THIS AREA. CONNECT TO AN EXISTING 3/4" DOMESTIC WATER LINE FOR REQUIRED WATER. PROVIDE A 3/4" WATTS MODEL LFD09QT RPZ BACKFLOW PREVENTER ON WATER LINE. VERIFY LOCATION OF WATER LINE IN MECHANICAL ROOM.

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EXPRES 12-31-23



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CAD DWG FILE: 22001  
 DRAWN BY: JS  
 CHECKED BY: WS  
 DESIGNED BY: WS

SHEET TITLE:

MECH / ELEC  
 RENOVATION  
 FLOOR PLAN

SHEET NUMBER:

**ME2**

SHEET 3 OF 3  
 ISSUE DATE: OCTOBER 4, 2022