

INTERIOR BUILDOUT (PHASE II) FOR:

PALMYRA UNITED METHODIST CHURCH

PALMYRA, MO 63461

BASE BID A - WALL, STAGE, AND MEZZANINE FRAMING, STAIRS, STRUCTURAL STEEL

BASE BID B - WALL FINISHING (GWB)

BASE BID C - FIRE SUPPRESSION

ARCHITECT OF RECORD:

ARCHITECHNICS
architects • engineers • interior designers

CONTACT PERSON: JACQUES L. REYNOLDS
MISSOURI ARCHITECT LICENSE NO. 2007030508
PROJECT NO. 5356

ARCHITECTURAL CORPORATION LICENSE #000423
ENGINEERING CORPORATION LICENSE #02014009673

INDEX OF DRAWINGS

TITLE	TITLE PAGE
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ARCHITECTURAL	
A101	MAIN LEVEL FLOOR PLAN
A102	MEZZANINE LEVEL FLOOR PLAN
A103	SECTIONS AND DETAILS

FIRE PROTECTION	
FP101	LOWER AND MAIN LEVEL FIRE PROTECTION
FP102	MEZZANINE FIRE PROTECTION

GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS.
- ANY DISCREPANCIES BETWEEN STATED AND EXISTING CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT.
- DISCREPANCIES OR CONFLICTS BETWEEN SPECIFICATIONS AND DRAWINGS SHALL BE MADE KNOWN TO THE ARCHITECT FOR CLARIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THOSE AREAS TO REMAIN UNDISTURBED DURING CONSTRUCTION.
- THE CONTRACTOR WITH THE COOPERATION OF THE OWNER SHALL TAKE NECESSARY PRECAUTIONS, AS PER THE WRITTEN SPECIFICATIONS, TO MAINTAIN SAFETY AT THE CONSTRUCTION SITE, AND HE IS SOLELY RESPONSIBLE FOR SAFETY MEASURES. THE CONTRACTOR IS ALSO SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, AND TECHNIQUES REGARDING EXECUTION OF THE WORK.
- THE CONTRACTOR SHALL CONFORM TO ALL LOCAL AND STATE CODES AND RECEIVE LOCAL AND STATE APPROVAL WHERE NECESSARY PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS AND PAY ALL LEGAL FEES. HE SHALL ALSO COMPLY WITH ALL CITY, COUNTY, AND STATE BUILDING LAWS, ORDINANCES, OR REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE PREMISES OR ADJACENT PREMISES, OR INJURIES TO THE PUBLIC DURING THE CONSTRUCTION OF THE WORK, CAUSED BY HIMSELF, HIS SUBCONTRACTORS, OR THE CARELESSNESS OF ANY OF HIS EMPLOYEES.
- THE CONTRACTOR MUST UNDERSTAND THAT THE WORK IS ENTIRELY AT HIS RISK UNTIL SAME IS ACCEPTED, AND HE WILL BE HELD RESPONSIBLE FOR ITS SAFETY.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY TEMPORARY MEASURES FOR THE PROTECTION OF THE WORK, INCLUDING BARRICADES, WARNING SIGNS, LIGHTS, ETC.

PREBID MEETING: AUGUST 12, 2021 AT 9:00 AM
BIDS DUE: AUGUST 26, 2021 BY 2:00 PM

BUILDING CODE REVIEW INFORMATION

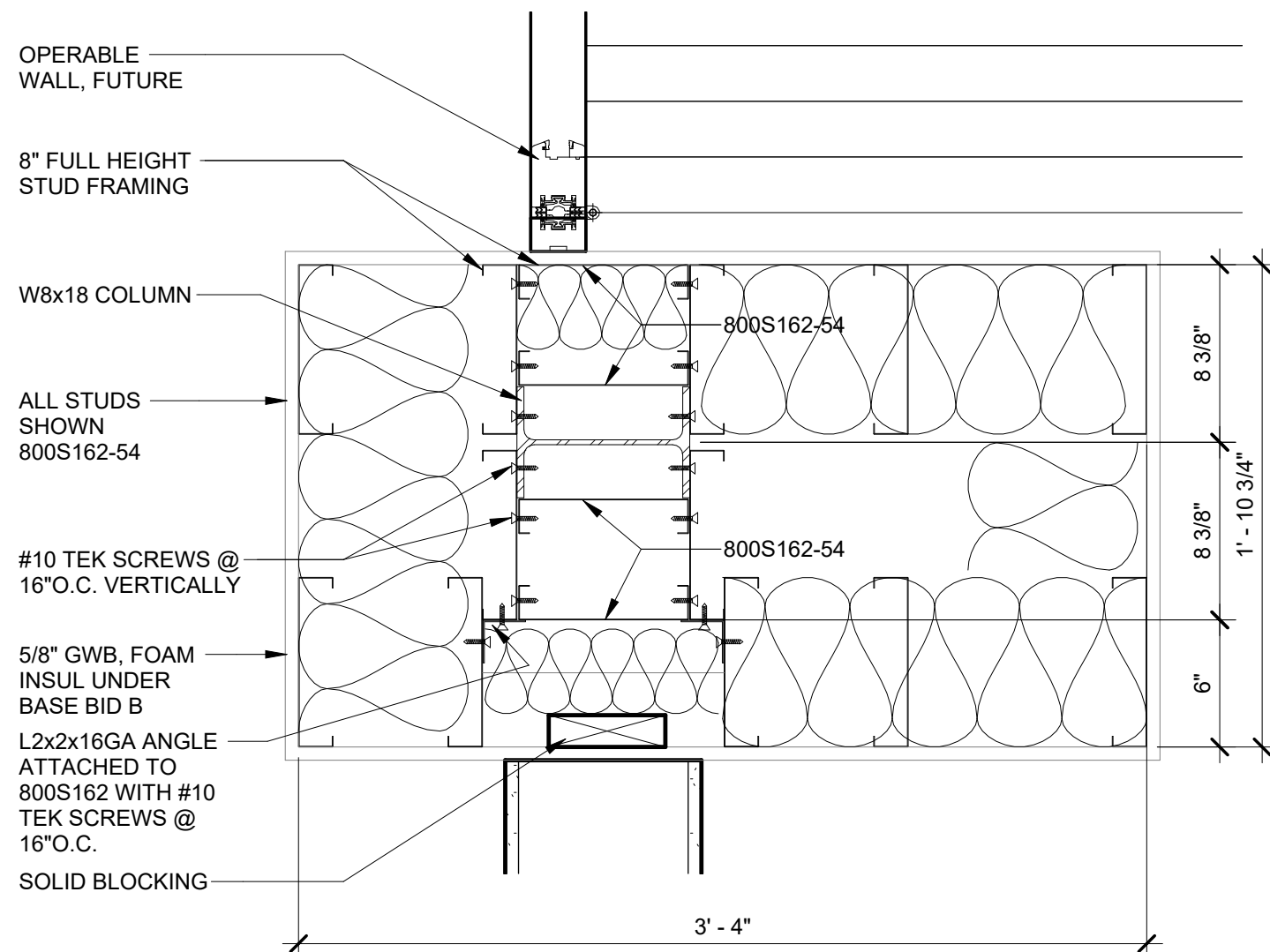
JURISDICTION: CITY OF PALMYRA

APPLICABLE CODES: 2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL MECHANICAL CODE
2012 INTERNATIONAL PLUMBING CODE
2012 INTERNATIONAL FIRE CODE
2012 INTERNATIONAL ENERGY CONSERVATION CODE
2011 NATIONAL ELECTRICAL CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

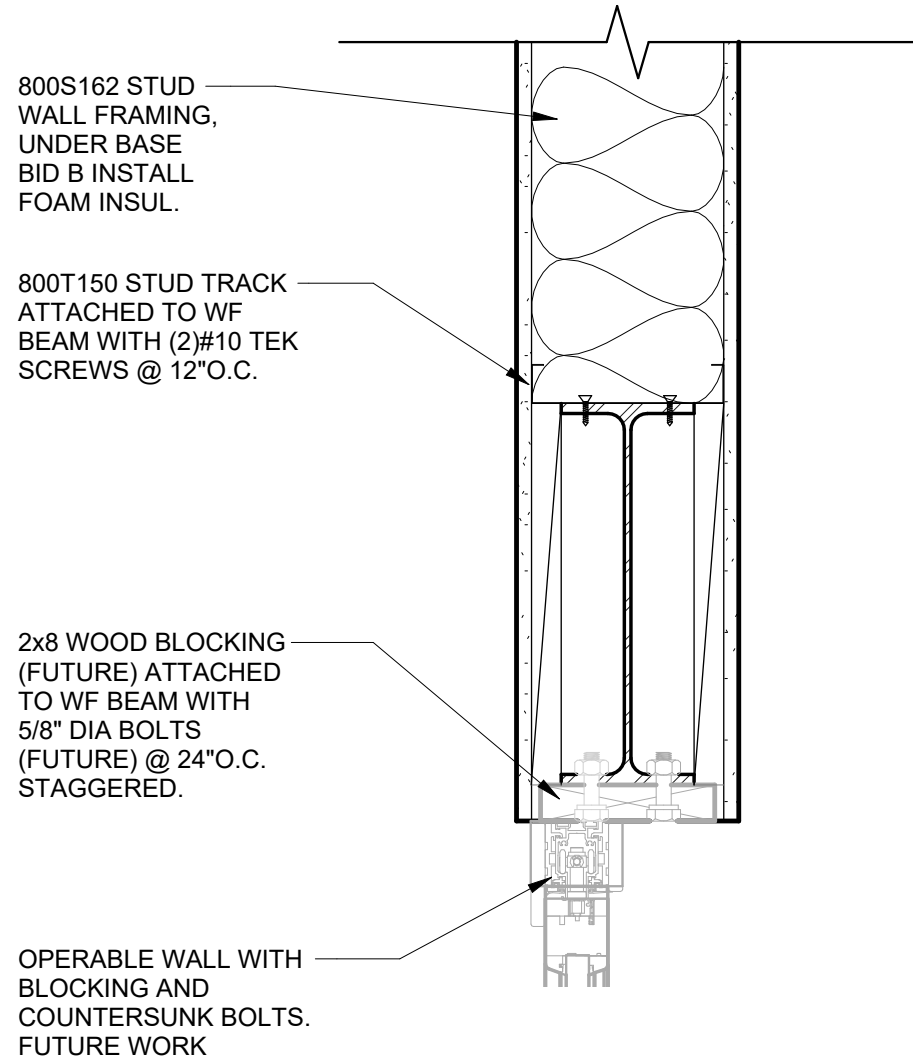
TOTAL BUILDING SQUARE FOOTAGE: Main Level - 17,638 S.F.
Lower Level - 2,134 S.F.
19,772 S.F.

BUILDING INFORMATION:

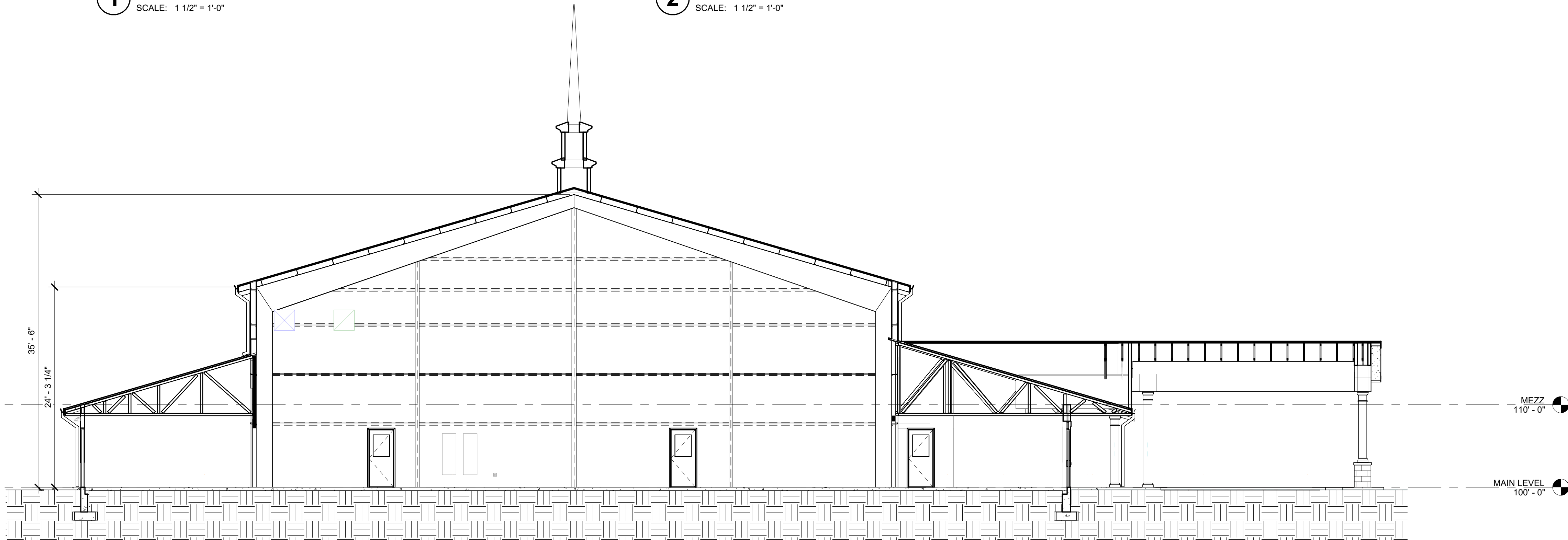
- USE CLASSIFICATION - IBC 2012 CHAPTER 3
A. ASSEMBLY (A-3) - SECTION 303
- AREA LIMITATIONS - IBC 2012 CHAPTER 5
A. ALLOWABLE BUILDING AREAS
a. ASSEMBLY (A-3) 6,000 S.F. (TABLE 503)
B. AREA MODIFICATIONS (SECTION 506)
a. AUTOMATIC SPRINKLER SYSTEM INCREASE (506.3)
- BUILDINGS EQUIPPED THROUGHOUT WITH AN APPROVED SPRINKLER SYSTEM, THE AREA IS PERMITTED TO BE INCREASED BY 300% IF THE BUILDING IS NO MORE THAN (1) STORY ABOVE THE GRADE PLANE.
- 6,000 x 3 = 18,000 S.F. / PER FLOOR IS ALLOWED
- CONSTRUCTION TYPE - IBC 2012 CHAPTER 6
A. CONSTRUCTION TYPE VB WILL BE USED (TABLE 601)
- HEIGHT LIMITATIONS - IBC 2012 CHAPTER 5
A. ALLOWABLE BUILDING HEIGHTS
a. ASSEMBLY (A-3) (1) STORY / 40 FT. (TABLE 503)
- THIS PROJECT WILL BE ONE STORY ABOVE GRADE AND UNDER 40' HEIGHT ALLOWED PER (TABLE 503)
- MEANS OF EGRESS - IBC 2012 CHAPTER 10
A. OCCUPANT LOAD (TABLE 1004.1.1) REFER TO PLAN
B. EGRESS WIDTH (1005)
a. EGRESS COMPONENTS - 20'/OCCUPANT
3'-0" WIDE DOOR SERVICES 180 OCCUPANTS
6'-0" WIDE DOOR SERVICES 360 OCCUPANTS
8'-0" WIDE CORRIDOR SERVICES 480 OCCUPANTS
C. EXIT ACCESS TRAVEL DISTANCE (TABLE 1016.1)
a. "A" OCCUPANCIES (WITH SPRINKLER) - 250'-0"



1 FRAMING DETAIL AT OPERABLE WALL JAMB
SCALE: 1 1/2" = 1'-0"



2 OPERABLE WALL HEAD DETAIL
SCALE: 1 1/2" = 1'-0"

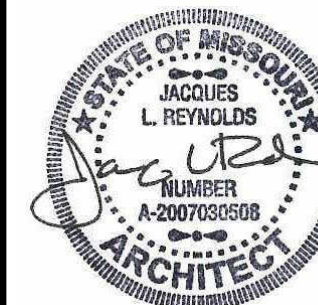


3 BUILDING SECTION
SCALE: 1/8" = 1'-0"

EXISTING CONDITIONS, SHOWN FOR REFERENCE ONLY

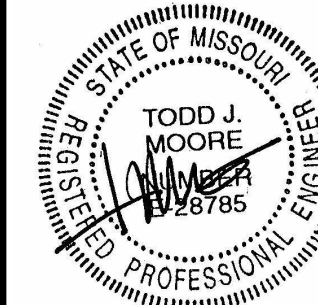
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PALMYRA, MO 63461

BIDDING PHASE

FOR CONSTRUCTION

SET ISSUE DATE: 08/06/2021

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DATE	REMARKS

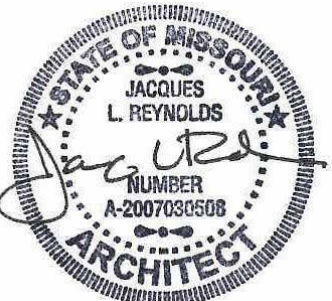
PROJECT NUMBER: 5356.2

TITLE PAGE

DWG. NO.

G001

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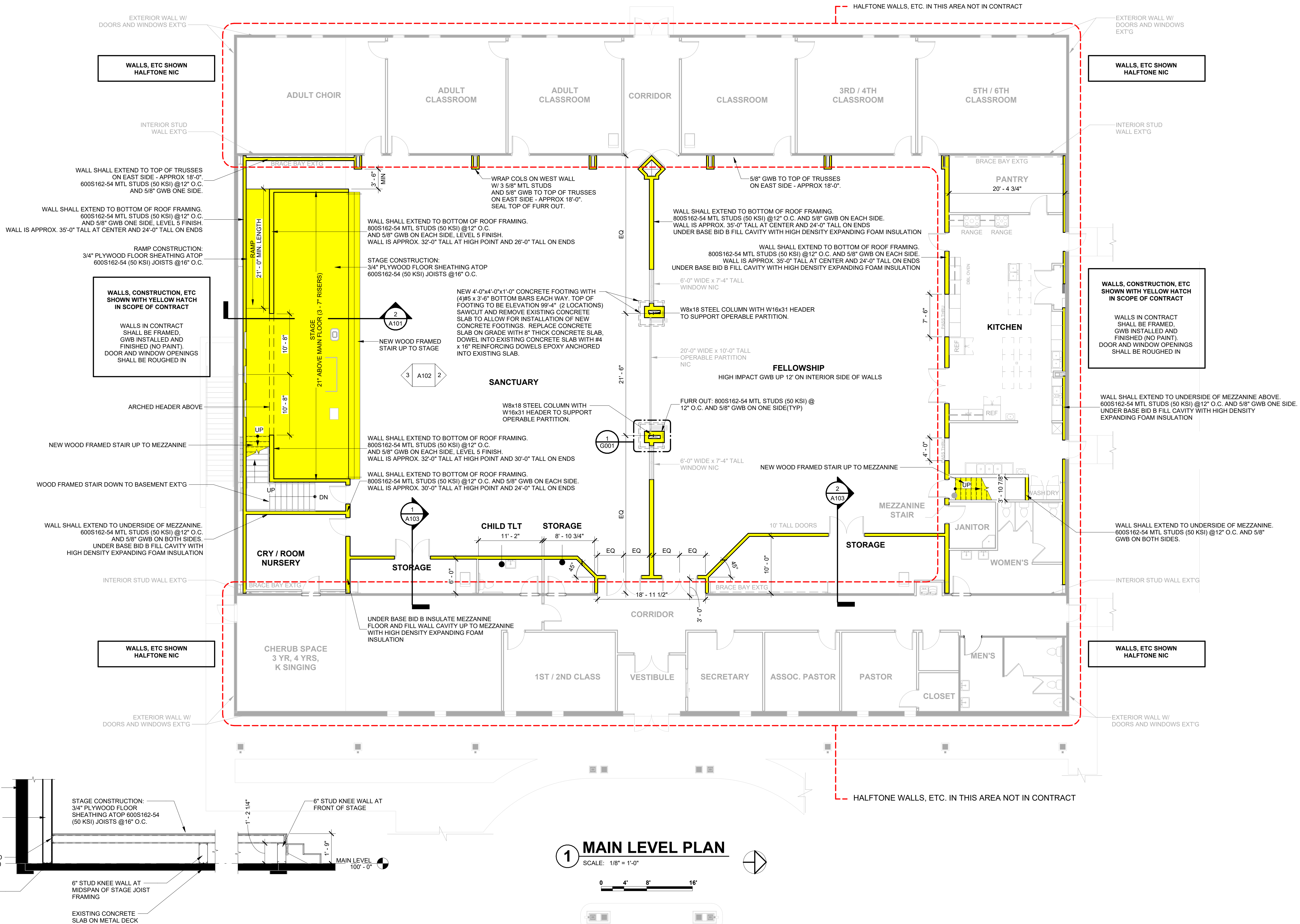
REVISIONS	
DATE	REMARKS

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MAIN LEVEL
FLOOR PLAN

DWG. NO.

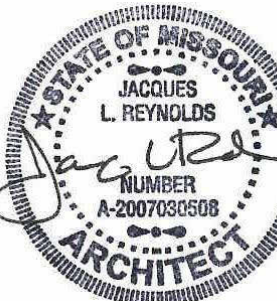
A101



2 STAGE SECTION
SCALE: 3/8" = 1'-0"

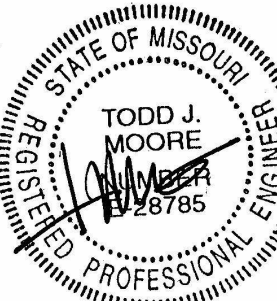
1 MAIN LEVEL PLAN
SCALE: 1/8" = 1'-0"

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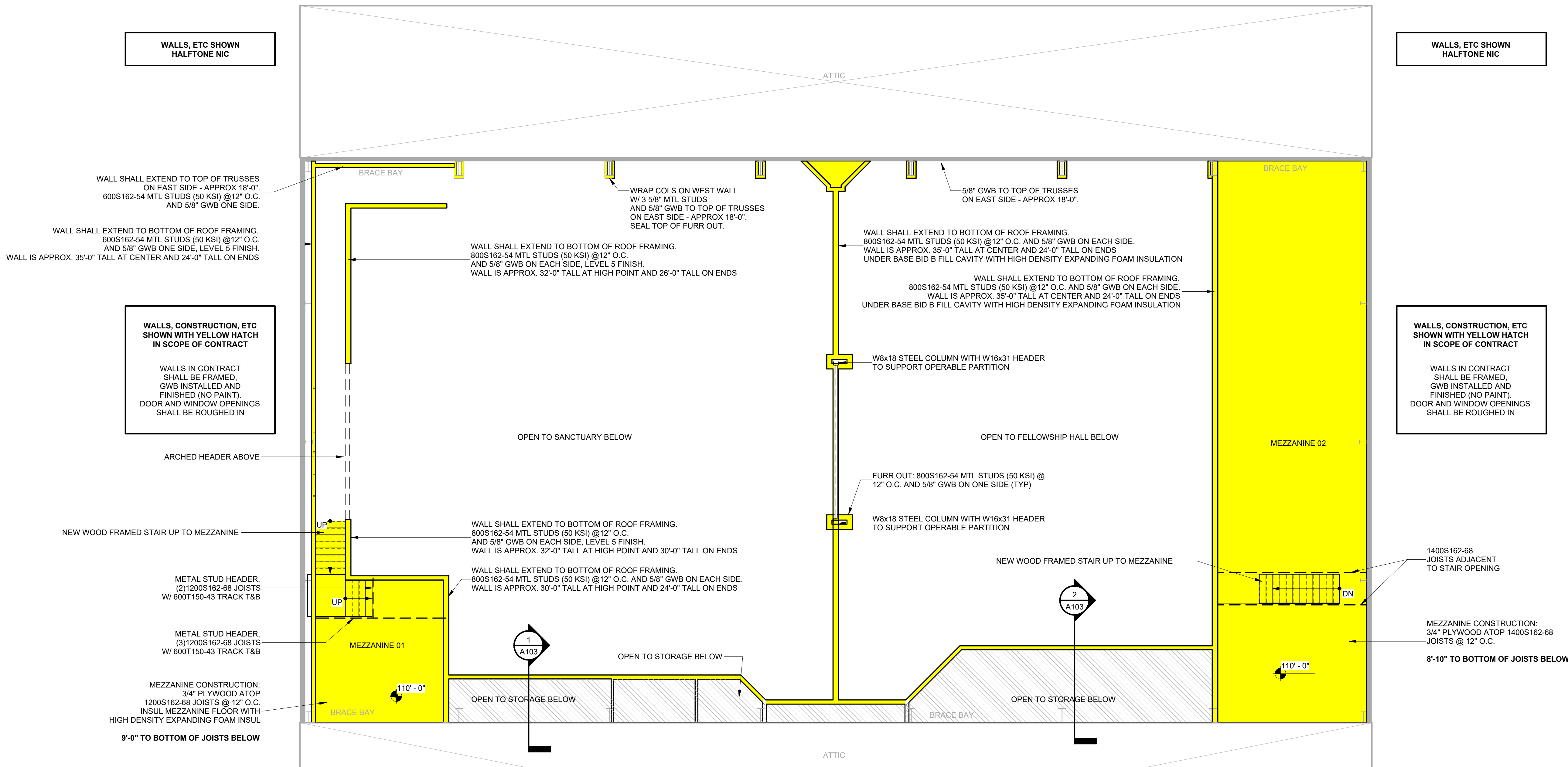
DATE	REMARKS

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MEZZANINE LEVEL FLOOR PLAN

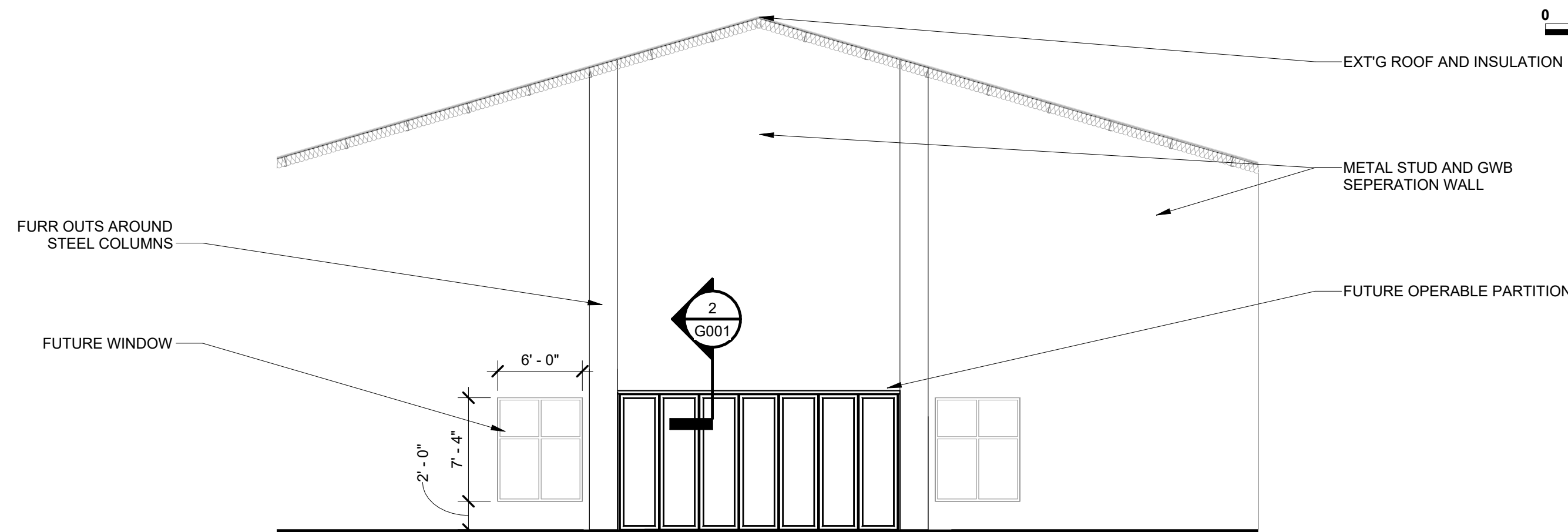
DWG. NO.

A102

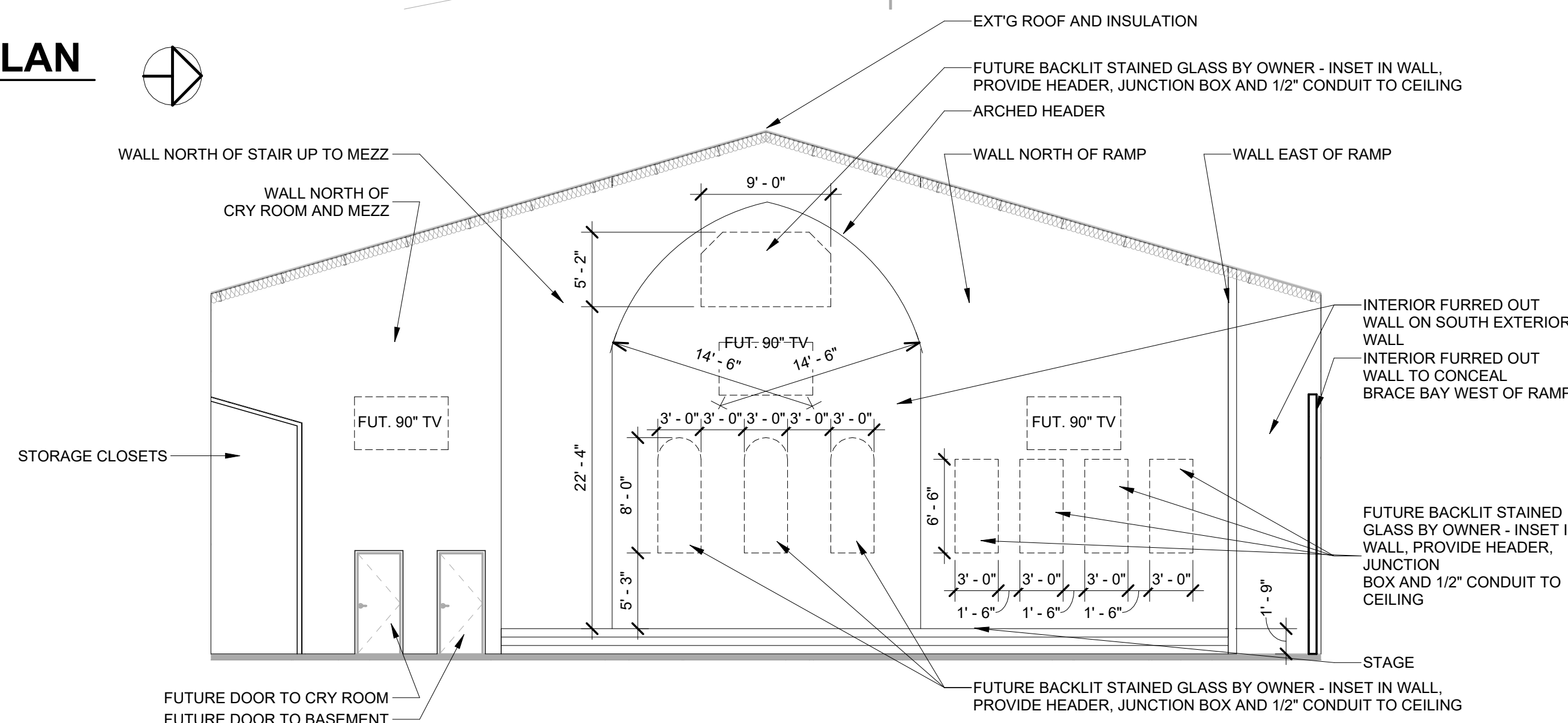


1 MEZZANINE LEVEL PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

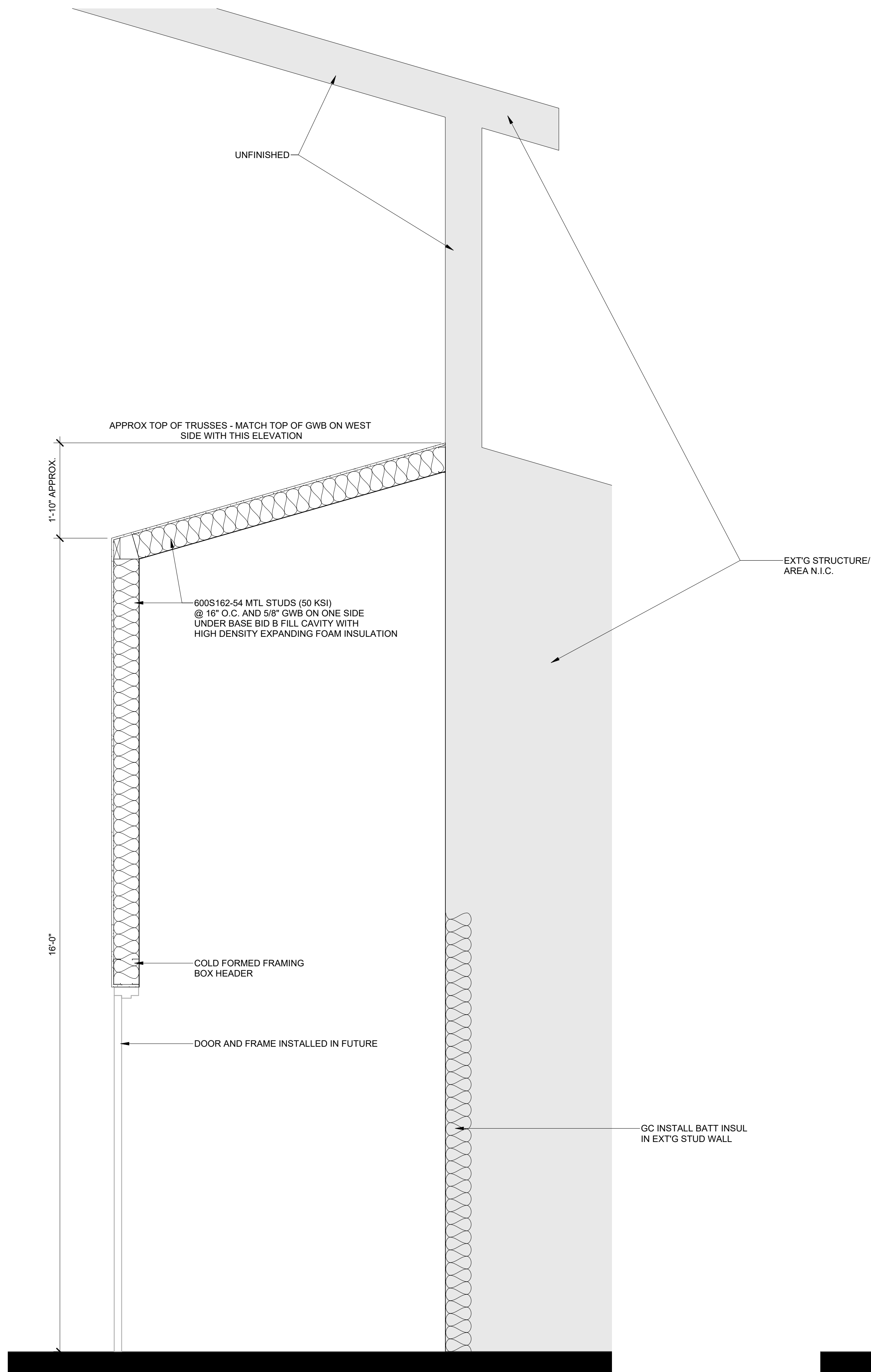


2 NORTH INTERIOR SANCTUARY ELEVATION
SCALE: 1/8" = 1'-0"

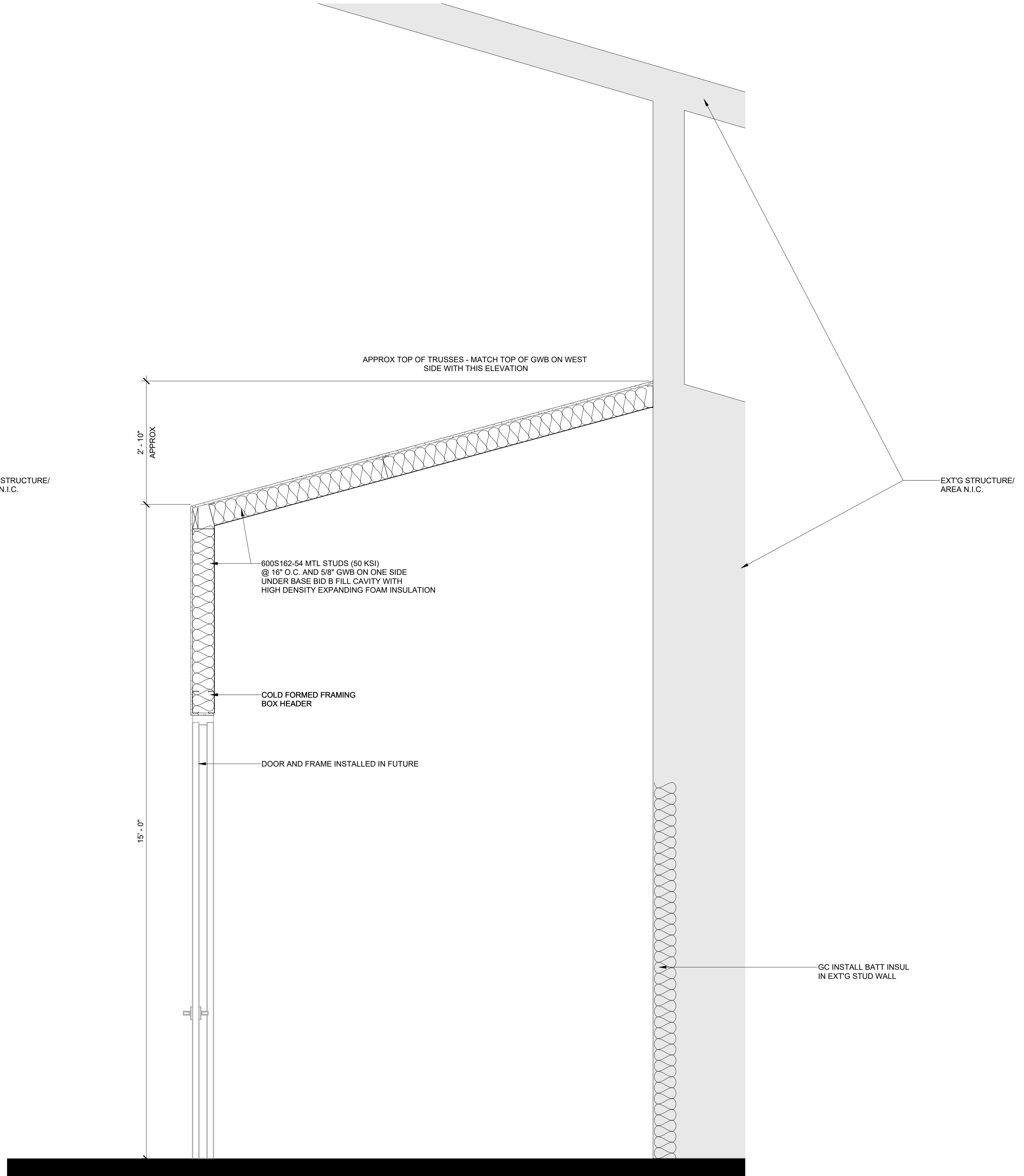


3 SOUTH INTERIOR SANCTUARY ELEVATION
SCALE: 1/8" = 1'-0"

PROVIDE BLOCKING, JUNCTION BOX AND 1/2" CONDUIT TO CEILING FOR FUTURE TV'S SHOWN
FIELD VERIFY ROUGH OPENINGS FOR STAINED GLASS PRIOR TO FRAMING - STAINED GLASS ARE AT EXISTING CHURCH 1 MILE FROM SITE

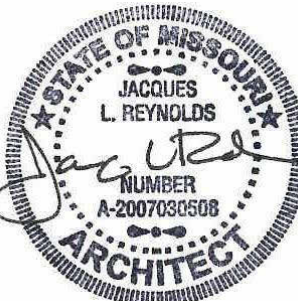


1 SECTION THROUGH STORAGE - SANCTUARY SIDE
SCALE: 3/4" = 1'-0"



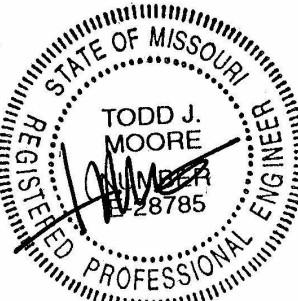
2 SECTION THROUGH STORAGE - FELLOWSHIP SIDE
SCALE: 3/4" = 1'-0"

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SECTIONS AND DETAILS

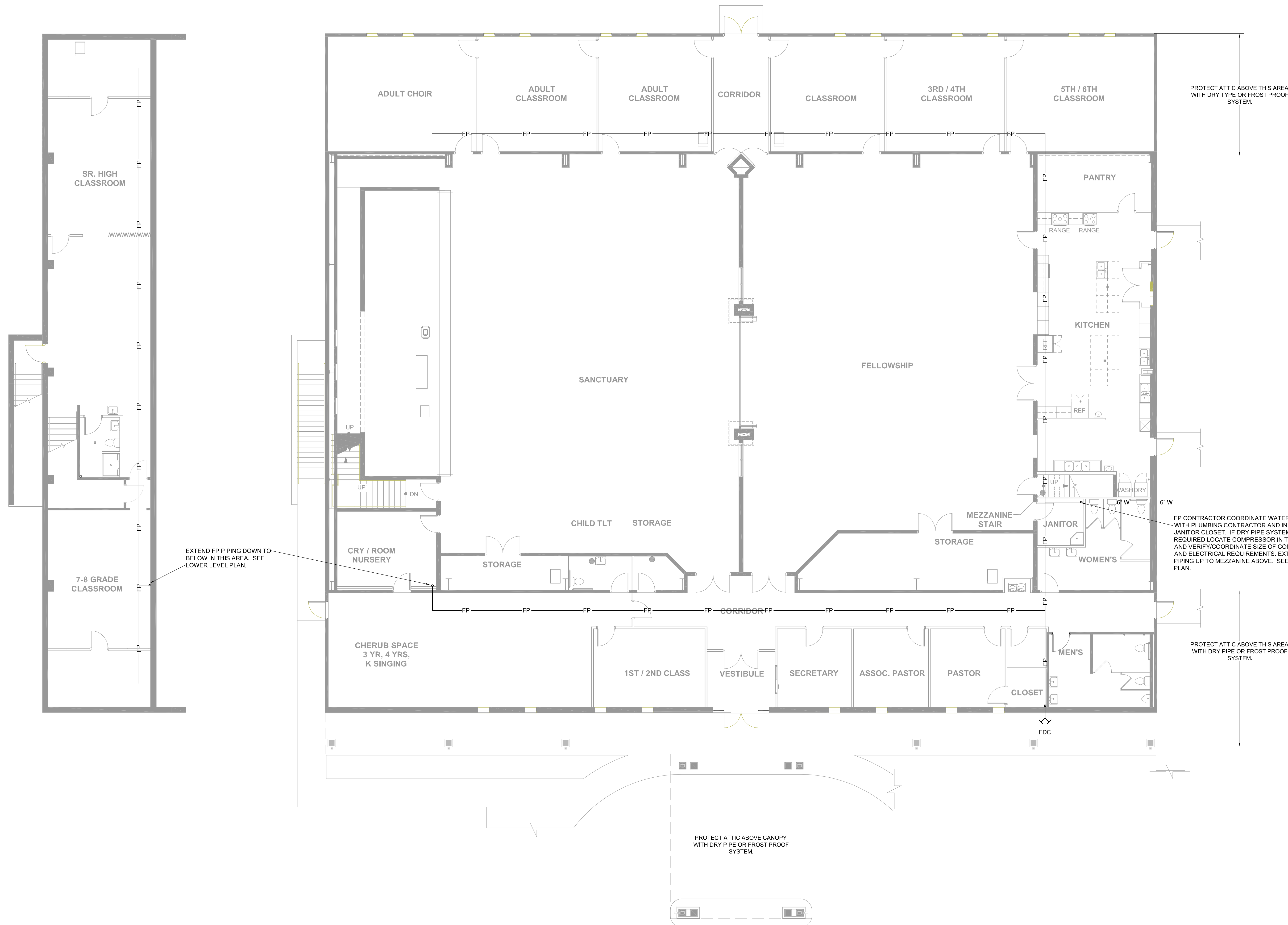
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A103

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1 LOWER LEVEL FIRE PROTECTION PLAN

SCALE: 1/8" = 1'-0"
0 4' 8' 16'



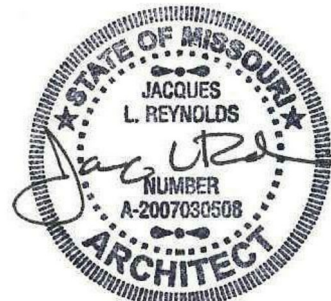
2 MAIN LEVEL FIRE PROTECTION PLAN

SCALE: 1/8" = 1'-0"
0 4' 8' 16'



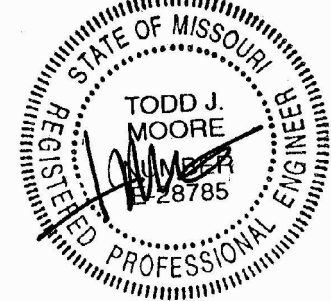
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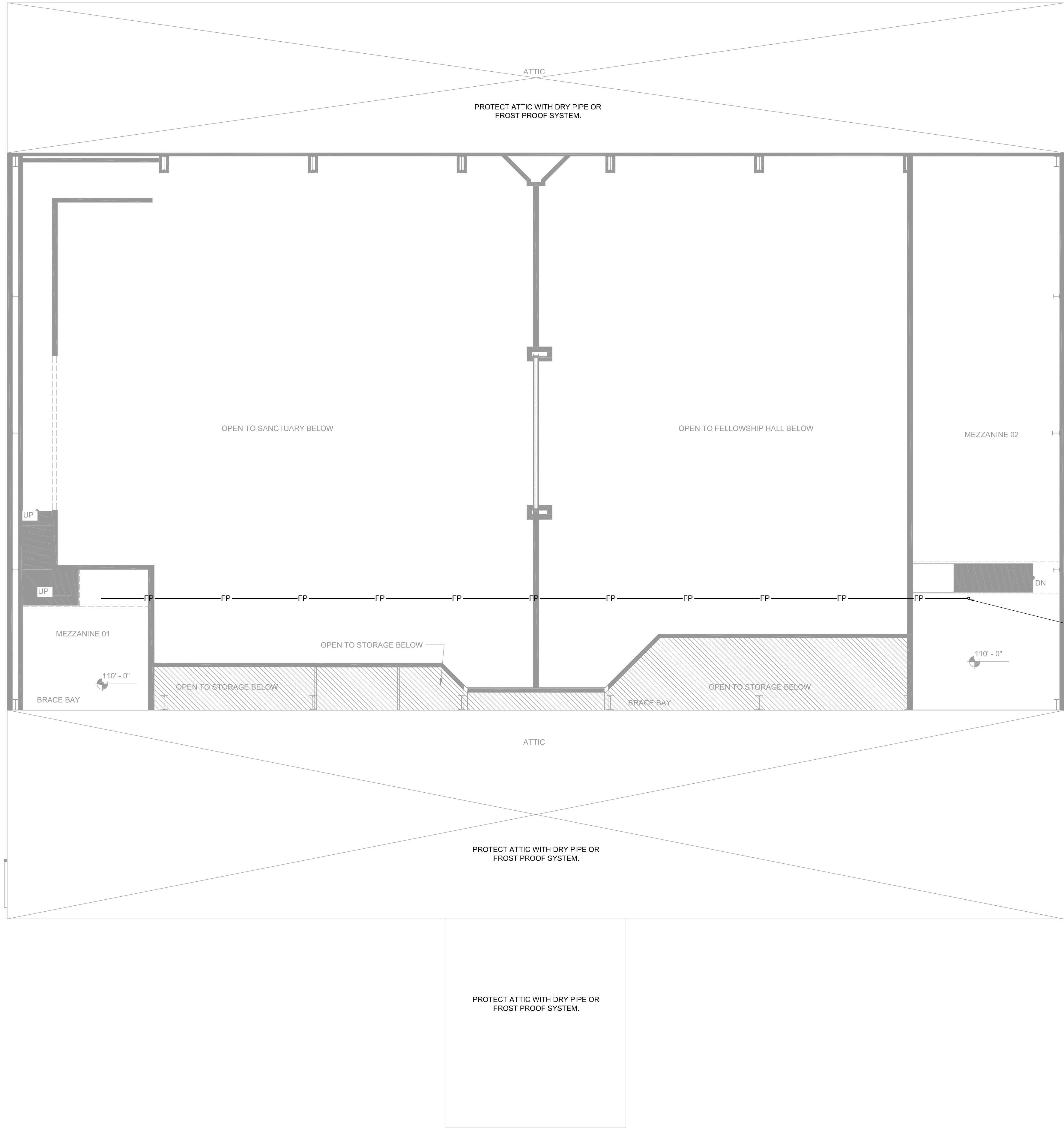
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LOWER AND MAIN LEVEL FP PLANS

DWG. NO.

FP100



FIRE PROTECTION NOTES

1. COORDINATE AND ROUTE PIPING FOR CLEARANCE WITH OTHER TRADES AS REQUIRED. INSTALL TO CLEAR DUCTWORK, REFRIGERANT PIPING, STRUCTURAL MEMBERS, ELECTRICAL EQUIPMENT, AND PLUMBING PIPING. FOR ACTUAL INSTALLATION, SEE SHOP DRAWINGS.

2. FOR AVAILABLE LOCATIONS OF SPRINKLER HEADS, REFER TO DRAWINGS SHOWING REFLECTED CEILING PLANS AND MECHANICAL AND ELECTRICAL DRAWINGS. ALL PENDANT MOUNTED SPRINKLER HEADS LOCATED IN SUSPENDED ACOUSTICAL PANELS (SAP) SHALL BE INSTALLED IN CENTER OF PANEL.

3. CONTRACTOR SHALL PROVIDE AND INSTALL A COMPLETE HYDRAULICALLY DESIGNED WET SYSTEM FOR THE DENSITY SPECIFIED BY NFPA 13 OR THE INSURING AGENCY. SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13 AND PER AUTHORITY HAVING JURISDICTION.

4. REFER TO SPECIFICATIONS SECTION 21 100 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

5. ALL EXPOSED PIPING SHALL BE PAINTED BY OTHERS.

6. THE SPRINKLER CONTRACTOR SHALL PROVIDE THE OWNER AND GOVERNING AGENCIES WITH A CERTIFICATE UPON COMPLETION OF THE FIRE PROTECTION PIPING WORK WHICH INDICATES THAT WORK HAS BEEN TESTED IN ACCORDANCE WITH NFPA 13 AND THAT THE SYSTEM IS OPERATIONAL, COMPLETE, AND HAS NO DEFECTS.
7. THE SPRINKLER CONTRACTOR SHALL SUBMIT TO THE CONSULTING ENGINEER FOR APPROVAL, A SCALED LAYOUT OF THE FIRE PROTECTION SYSTEM INCLUDING, BUT NOT LIMITED TO, HYDRAULIC CALCULATIONS, FLOW VS. PRESSURE CURVE, RISERS, PIPE SIZES AND LENGTHS, FITTINGS, ELEVATIONS, AND SLOPES OF HORIZONTAL PIPING, WALL AND FLOOR PENETRATIONS.

8. CLOSE VOID SPACES AROUND ALL PIPING AT RISER LOCATIONS AND THRU FIRE WALLS WITH MASTIC FIREPROOFING. SEE SPECIFICATION 07900 AND 07840.

9. ALL FIRE PROTECTION SYSTEM PIPING SHALL BE INSTALLED CONCEALED ABOVE CEILINGS OR IN WALLS EXCEPT WHERE NOTED OTHERWISE.

10. PIPING SHOWN GENERAL ROUTING OF MAINS AND RISERS. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR DESIGN TO BE APPROVED BY CONSULTING ENGINEER.

11. CONTRACTOR SHALL SUBMIT DIGITAL 3D AUTOCAD OR NAVISWORKS NCD FILE AS PART OF SHOP DRAWINGS.

12. CONTRACTOR SHALL COORDINATE WITH ARCHITECT ANY EXPOSED PIPE OR HEADS IN AREAS WITH FINISHED WALLS AND CEILINGS.

1

MEZZANINE FIRE PROTECTION PLAN

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

0 4' 8' 16'

NORTH

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MEZZANINE FP PLAN

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