

To: Prospective Bidders

From:

**WBRC Inc.**

44 Central Street

Bangor, ME 04401

(207) 947-4511

[www.wbrcinc.com](http://www.wbrcinc.com)

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated May 10, 2025, as noted below. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of the following:

- Clarifications
- Specification Changes
- Drawing Changes

## **CLARIFICATIONS:**

1. For reference only, attached is the attendance sheet from the non-mandatory pre-bid site walk that occurred on May 21, 2025.
2. As noted in Specification 01 10 11 Summary, the Owner will remove existing theater equipment such as lights, speakers, etc. prior to the start of construction that they wish to keep. Any such equipment that remains once construction begins, will be removed and discarded by the Contractor.
3. As noted on Drawing AD101, the stage curtains and supports are to be removed and reinstalled. As noted on Drawing AE101 and AE401, there is a new stage curtain and track to be added at the stage opening where an existing wood door leaf is noted to be removed.

## **SPECIFICATION CHANGES:**

4. Section 26 55 61, Theatrical Lighting Systems, DELETE Par. 1.7.B. and Par. 1.9.E.

## **DRAWING CHANGES:**

5. DELETE sheet GI003-Phasing Plan and REPLACE with attached.
6. DELETE sheet GI004-Ground Floor Code Plan and REPLACE with attached.
7. DELETE sheet GI005-First Floor and Mezzanine Code Plan and REPLACE with attached.
8. DELETE sheet AD111-First Floor Ceiling Removals and REPLACE with attached.
9. DELETE sheet AE100-Ground Floor Plan and REPLACE with attached.
10. DELETE sheet AE101-First Floor and Mezzanine Plans and REPLACE with attached.
11. DELETE sheet AE501-Wall Types and Schedules and REPLACE with attached.

- 12. DELETE sheet AE601-Door Types and Schedules and REPLACE with attached.
- 13. DELETE sheet AF101 - First Floor Finish Plan and REPLACE with attached.
- 14. DELETE sheet FX100 – Basement Floor Fire Protection Plan and REPLACE with attached.
- 15. DELETE sheet M-100 – Basement Floor Mechanical Plan and REPLACE with attached.
- 16. DELETE sheet M-501 – Mechanical Details and REPLACE with attached.
- 17. DELETE sheet M-601 – Mechanical Schedules and REPLACE with attached.
- 18. DELETE sheet E-601 – Electrical schedules and REPLACE with attached.
- 19. DELETE sheet EP-101 – First Floor and Mezzanine Power and Systems Plans and REPLACE with attached.

END OF ADDENDUM

## PRE-BID SIGN IN

**Project:** UMFK - Fox Auditorium Renovation

**Architect:** WBRC, Inc.

**Pre-Bid Date/Time:**

May 21, 2025 - 11:00 am

**Project Manager:**

Andrew Buck

Company Representing	Name	Email Address	Phone Number
University of Maine	Andrew Buck	<a href="mailto:andrew.buck@maine.edu">andrew.buck@maine.edu</a>	207-659-9568
WBRC, Inc.	Adam Gillespie	<a href="mailto:adam.gillespie@wbrcinc.com">adam.gillespie@wbrcinc.com</a>	207-922-1161
Powers Roofing	Paul Powers	<a href="mailto:paul@powersroofing.com">paul@powersroofing.com</a>	207-227-1335
Devoe Construction	Mike SanAntonio	<a href="mailto:msanantonio23@gmail.com">msanantonio23@gmail.com</a>	207-316-3566
ABM Mechanical	Scott Ouelette	<a href="mailto:souellette@abmmechanical.com">souellette@abmmechanical.com</a>	207-944-7881
Twin City Sheet Metal	Mark Allen	<a href="mailto:mallen@twincitysheetmetal.com">mallen@twincitysheetmetal.com</a>	207-356-8600
Ken L Electric	Doug Lerman	<a href="mailto:kenlelectric@hotmail.com">kenlelectric@hotmail.com</a>	207-543-7807
The Allen Co.	James McLaughlin	<a href="mailto:jamiem@theallenco.com">jamiem@theallenco.com</a>	207-551-1051

5/23/2025 1:14:23 PM SHEET SIZE : 30x42  
Autodesk Docs/10302002 - UNFK Fox Auditorium SD-CA/10302002 - UNFK Fox Aud Arch\_24.rvt

A1 PHASING PLAN

3/32" = 1'-0"

**PHASE 1:**  
-ESTABLISH 1 HR SEPARATION LINE BETWEEN THE AUDITORIUM AND ADJACENT SPACES (PINK HIGHLIGHTED WALL)  
-COMMENCE CONSTRUCTION OF AREA SHOWN IN YELLOW, INCLUDING SPRINKLER SYSTEM  
-BENGALS LAIR 113 AND KITCHEN 114 TO REMAIN OCCUPIED DURING THIS PHASE.

NADEAU HALL CURRENTLY HAS AN EXISTING SPINKLER SYSTEM. THIS IS TO REMAIN EXISTING AND OPERATIONAL THROUGHOUT CONSTRUCTION. NO NEW WORK.

**PHASE 4:**  
-COMPLETE RENOVATION OF ROOMS HIGHLIGHTED IN BLUE, AFTER THE SPRINKLER SYSTEM HAS BEEN INSTALLED AND IS OPERATIONAL

**PHASE 1:**  
-ESTABLISH 1 HR SEPARATION LINE BETWEEN THE AUDITORIUM AND ADJACENT SPACES  
-COMMENCE CONSTRUCTION OF AREA SHOWN IN YELLOW, INCLUDING SPRINKLER SYSTEM  
-BENGALS LAIR 113 AND KITCHEN 114 TO REMAIN OCCUPIED DURING THIS PHASE

**PHASE 2:**  
-ESTABLISH 1 HR SEPARATION LINE BETWEEN THE GREEN AND WHITE AREAS. EXTEND THE EXISTING CMU WALL WITH A 1-HR RATED TEMPORARY PARTITION AS SHOWN ON THE PLAN.  
-INSTALL SPRINKLER SYSTEM IN AREA HIGHLIGHTED IN GREEN

**PHASE 3:**  
-INSTALL SPRINKLER SYSTEM IN CYR HALL. THIS WILL BE AWARDED AS A SEPARATE CONTRACT BUT SHARE THE SAME SUBSTANTIAL COMPLETION DATE AS FOX AUDITORIUM. BOTH FOX AND CYR HALL SPRINKLER SYSTEMS WILL BE OPERATIONAL AT THE SAME TIME.

**PHASE 4:**  
-COMPLETE RENOVATION OF ROOMS HIGHLIGHTED IN BLUE, AFTER THE SPRINKLER SYSTEM HAS BEEN INSTALLED AND IS OPERATIONAL

\*NOTE: 1. CYR HALL WILL BE OCCUPIED DURING ALL PHASES OF THIS PROJECT  
2. PHASE 2 AND PHASE 3 MAY OCCUR CONCURRENTLY AT CONTRACTOR'S DISCRETION. REFER TO SPECIFICATION 011200 MULTIPLE CONTRACT SUMMARY AS NEEDED.

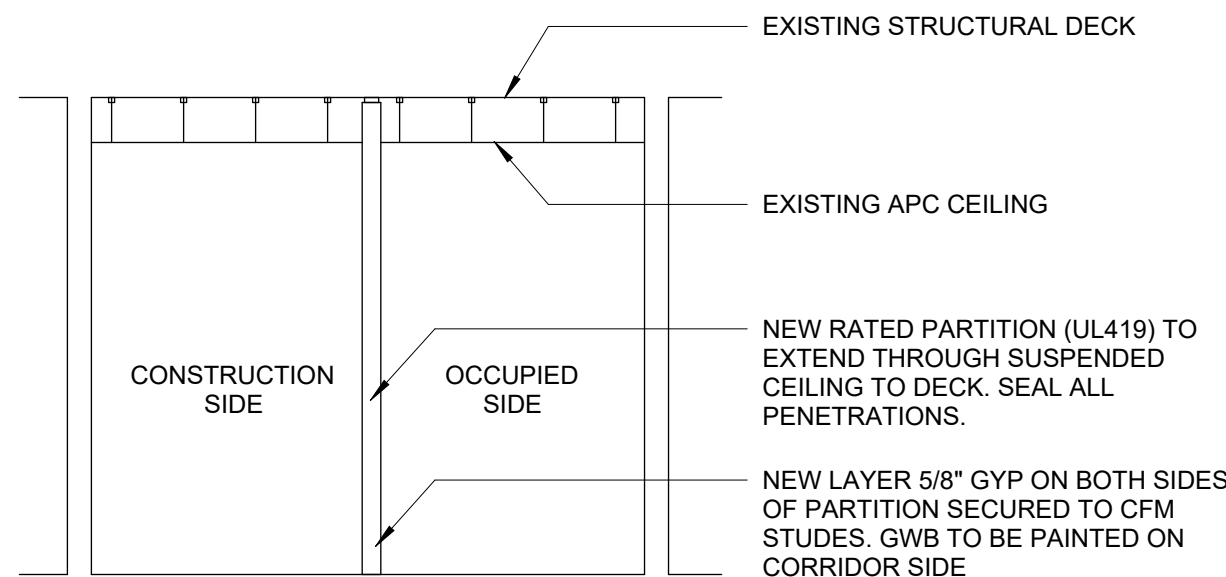
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BOTH FOX AND CYR HALL SPRINKLER SYSTEM TO SUBSTANTIALLY COMPLETE AND OPERATIONAL AT THE SAME TIME.

**PHASE 2:**  
-ESTABLISH 1 HR SEPARATION LINE BETWEEN THE GREEN AND WHITE AREAS. EXTEND THE EXISTING CMU WALL WITH A 1-HR RATED TEMPORARY PARTITION AS SHOWN ON THE PLAN.  
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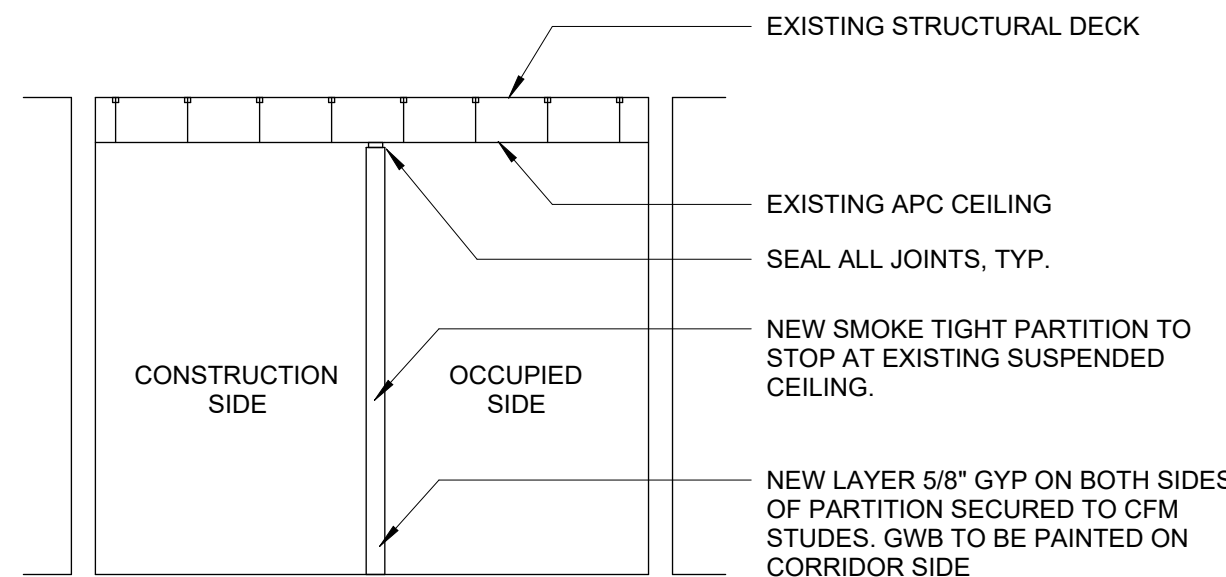
1. SEPARATE ALL OCCUPIED AREAS FROM DEMOLITION, RENOVATION, OR CONSTRUCTION ACTIVITIES BY TEMPORARY SMOKE-TIGHT CONSTRUCTION PARTITIONS OF GYPSUM BOARD OR OTHER APPROVED NON-COMBUSTIBLE OR LIMITED-COMBUSTIBLE MATERIAL. PARTITIONS SHALL BE FULL HEIGHT, EXTENDING THROUGH SUSPENDED CEILING TO THE FLOOR SLAB OR ROOF DECK ABOVE AND SHALL BE ONE-HOUR FIRE RATED, UNLESS SPRINKLERS ARE INSTALLED AND ARE OPERATIONAL ON BOTH SIDES OF THE TEMPORARY PARTITION. WHEREUPON THE PARTITION MAY BE PERMITTED TO TERMINATE AT THE CEILING IN ACCORDANCE WITH NFPA 241. WHERE THE CEILING ON ONE SIDE OF THE TEMPORARY CONSTRUCTION BARRIER HAS BEEN REMOVED, THE TEMPORARY PARTITION MUST EXTEND TO THE DECK ABOVE.

2. CONTRACTOR TO LOCATE ALL TEMPORARY PARTITIONS AND DOORS AS REQUIRED TO PROTECT THE AREA UNDER CONSTRUCTION.

3. PROVIDE TEMPORARY EXIT SIGNAGE AND WARNING SIGNS TO NOTIFY OCCUPANTS OF TEMPORARY EGRESS ROUTES. CONTRACTOR TO COORDINATE WITH THE UNIVERSITY OF MAINE AT FORT KENT.



1 HR RATED TEMPORARY PARTITION



SMOKE TIGHT PARTITION

1	ADDENDUM #1	5/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE

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**UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION**

PROJECT: 23 UNIVERSITY DRIVE  
FORT KENT, ME 04743

**PHASING PLAN**

SHEET TITLE: 10302002 - UMFK FOX AUD A24.RVT  
WBRC REVIT FILE: 10302002  
PROJECT NO: 10302002  
SCALE: As Indicated  
PROJ: KCKJLR  
DRAWN BY: RAD  
CHECKED BY: SHW

SHEET No: **GI003**



**CODE SUMMARY:**

APPLICABLE CODES

MAINE UNIFORM BUILDING AND ENERGY CODE (MUBEC)  
2015 INTERNATIONAL BUILDING CODE (IBC)  
2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)  
2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)  
2015 INTERNATIONAL MECHANICAL CODE (IMC)  
2021 UNIFORM PLUMBING CODE  
2016 ASHRAE 62.1 - VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY  
2016 ASHRAE 90.1 - ENERGY STANDARD FOR BUILDINGS EXCEPT LOW RISE RESIDENTIAL BUILDINGS W/OUT ADDENDA

2016 NFPA 13  
2018 NFPA 101

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

**PROJECT DESCRIPTION:**

FOX AUDITORIUM AND CYR HALL ARE BEING EVALUATED AS A SINGLE EXISTING BUILDING OF CONSTRUCTION TYPE (IIIB). NADEAU HALL IS CONNECTED TO FOX/CYR VIA A PEDESTRIAN WALKWAY THAT IS FULLY SPRINKLERED AND HAS FIRE-RATED DOORS AT EITHER END, ALLOWING IT TO BE CONSIDERED A SEPARATE BUILDING.

THIS WILL BE A PHASED PROJECT. SEE G1003 AND SUMMARY (011000) FOR MORE INFORMATION. THE DOCUMENTS HEREIN OUTLINE PHASE 1, 2, AND 4 SCOPE ONLY, INCLUDING LIFE-SAFETY UPGRADES TO AN EXISTING ASSEMBLY SPACE AND UPGRADES TO BUILDING SYSTEMS AND FINISHES.

THE TERMS OF PHASING WILL BE ESTABLISHED IN A SEPARATE AGREEMENT BETWEEN THE MAINE STATE FIRE MARSHAL'S OFFICE AND THE UNIVERSITY OF MAINE AT FORT KENT.

PRIMARY OCCUPANCY GROUPS:

FOX AUDITORIUM: ASSEMBLY (A-1, A-2)  
CYR HALL: BUSINESS (B)

SECONDARY OCCUPANCY GROUPS:

STORAGE (S)

TYPE IIIB ALLOWANCES (FLOOR AREA - SF PER STORY):	ALLOWABLE	ACTUAL	RATIO
GROUP A-1 (SPRINKLERED, MULTISTORY)	31,875	9,338 (AUDITORIUM & BENGAL'S LAIR)	0.293
GROUP B (NON-SPRINKLERED, MULTISTORY)	33,250	16,380 (CORRIDOR & CYR HALL)	0.493
<b>TOTAL:</b>		<b>25,718</b>	<b>0.786*</b>

\*WHEN EVALUATING THE SEPARATED OCCUPANCY BUILDING FROM AN AREA PERSPECTIVE AND ACCOUNTING FOR OPEN FRONTAGE, THE SUM OF RATIOS MUST NOT EXCEED 1.

THE FOLLOWING CODE EVALUATION IS LIMITED TO THE AREA OF WORK, FOX AUDITORIUM, BUILDING HEIGHT: 45'-0"

NUMBER OF STORIES: (1) STORY + BASEMENT + MEZZANINE

FIRE-RESISTANCE REQUIREMENTS FOR BUILDING ELEMENTS (HR):

PRIMARY STRUCTURAL FRAME: (0)  
BEARING WALLS:  
EXTERIOR (2)  
INTERIOR (0)  
INTERIOR NONBEARING WALLS AND PARTITIONS: (0)  
FLOOR CONSTRUCTION & SECONDARY MEMBERS: (0)  
ROOF CONSTRUCTION & SECONDARY MEMBERS: (0)

FIRE PROTECTION SYSTEMS:

FIRE ALARM SYSTEM: PROVIDED  
SPRINKLER: FULLY SPRINKLERED, NFPA 13 SYSTEM  
PORTABLE FIRE EXTINGUISHERS: MAX TRAVEL DISTANCE - 75'

PROTECTION FROM HAZARDS:

INTERIOR WALL AND CEILING FINISH REQUIREMENTS (GROUP A-1, A-2)  
INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS  
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS  
ROOMS AND ENCLOSED SPACES  
CLASS B  
CLASS B  
CLASS C

MEANS OF EGRESS:

OCCUPANT LOAD: SEE OCCUPANCY CALCULATION SCHEDULES.  
EGRESS WIDTH PER OCCUPANT: 0.2' PER PERSON (STAIRWAYS), 0.15' PER PERSON (HORIZONTAL)  
MIN. CORRIDOR WIDTH: 44"

COMMON PATH OF TRAVEL: 30' MAX (ASSEMBLY)  
EXIT ACCESS TRAVEL DISTANCE: 250' MAX (ASSEMBLY)  
DEAD END CORRIDORS: 20' MAX (ASSEMBLY)  
SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY: 100' MAX (STORAGE)  
EXIT SEPARATION: 1/3 THE LENGTH OF OVERALL DIAGONAL DIMENSION

SPECIAL REQUIREMENTS BASED ON USE AND OCCUPANCY:

STAGE HEIGHT: 20'  
STAGE AREA: 1,735 SF  
PROSCENIUM WALL: RATING NOT REQUIRED, AS STAGE HEIGHT IS <50'  
STAGE VENTILATION: EMERGENCY VENTILATION IS REQUIRED FOR STAGES > 1,000SF  
ROOF VENTS: ROOF VENTS ARE REQUIRED TO PROVIDE CLEAR OPENING AREA OF NOT LESS THAN 5% OF STAGE AREA  
-5% OF STAGE AREA = 87SF CLEAR OPENING AREA REQUIRED  
-6) ROOF VENTS PROVIDE 96SF CLEAR OPENING AREA

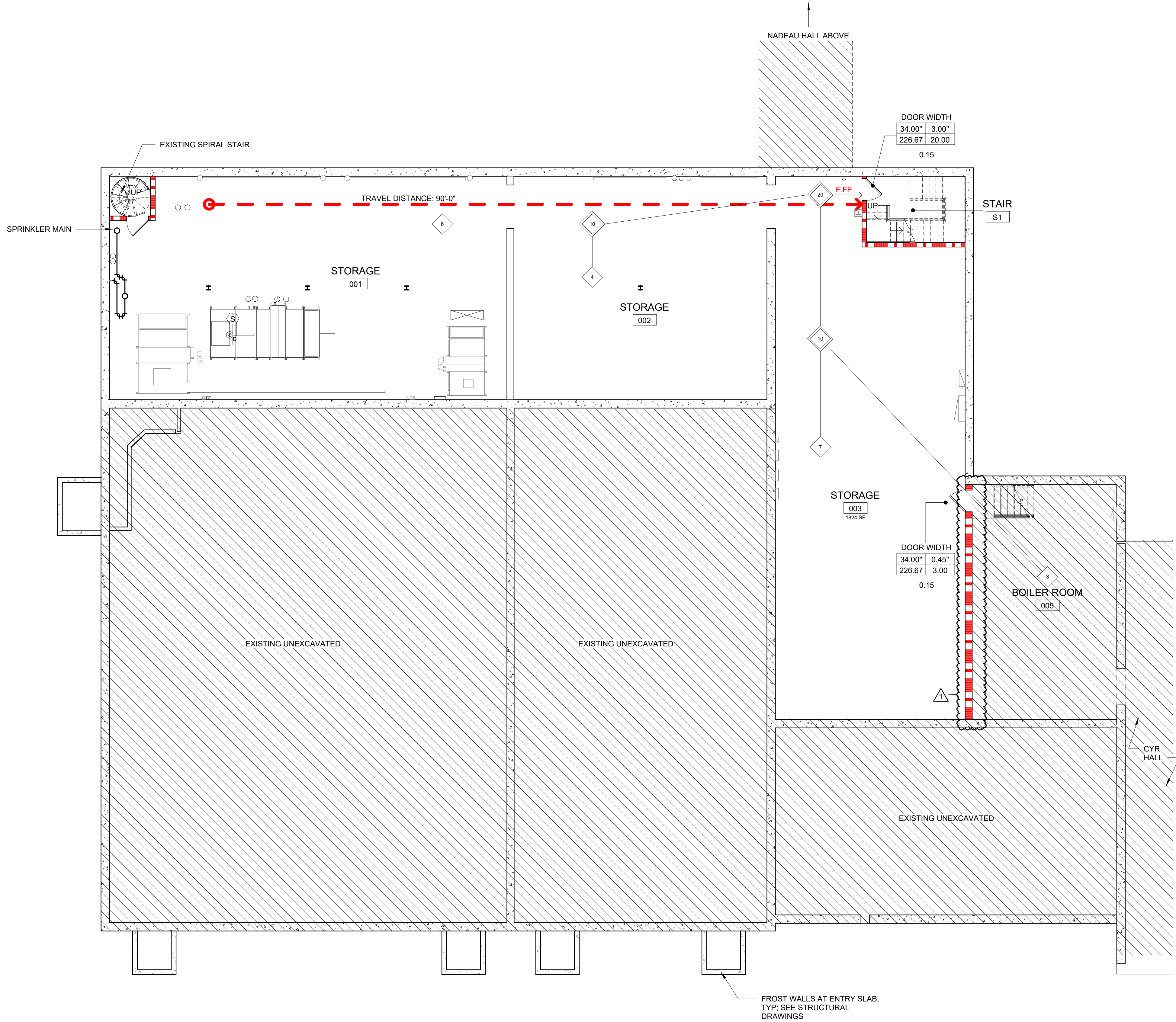
BOTH THE IEBC AND NFPA 101 MUST ALSO BE EVALUATED FOR EXISTING BUILDING PROVISIONS.

THE PROJECT IS CONSIDERED A LEVEL 2 ALTERATION PER THE IEBC (<50% OF THE BUILDING RECONFIGURED). AS SUCH, A SPRINKLER SYSTEM IS ONLY REQUIRED FOR THE WORK AREA WHERE IT EXCEEDS 50% THE FLOOR AREA (IEBC §804.2.2). THE WORK AREA IS THE AUDITORIUM AND ACCESSORY AREAS WHICH WILL BE SPRINKLERED AS PART OF THE PROJECT.

THE PROJECT IS ALSO CONSIDERED A MODIFICATION PER NFPA 101. AS THE RECONFIGURATION ONLY IMPACTS THE AUDITORIUM. AS A MODIFICATION, THE NEW ELEMENTS MUST COMPLY WITH PROVISIONS FOR NEW CONSTRUCTION BUT THE REMAINDER OF THE BUILDING IS PERMITTED TO REMAIN EXISTING. THE PROVISIONS FOR SPRINKLER PROTECTION FOR NEW BUILDINGS ARE NOT CONSIDERED APPLICABLE AS THIS IS CONSIDERED AN EXISTING TO REMAIN OCCUPANCY.

IT IS NOTED THAT NEW ASSEMBLY OCCUPANCIES >300 REQUIRE THE ENTIRE STORY WITH THE ASSEMBLY OCCUPANCY BE SPRINKLERED (NFPA 101 §12.3.5.2). AN EXISTING ASSEMBLY USE WITH <1,000 OCCUPANTS IS NOT REQUIRED TO BE SPRINKLERED PER NFPA 101 TABLE 13.1.6.

OCCUPANCY CALCULATION SCHEDULE - GROUND FLOOR						
ROOM #	NAME	AREA	OCC. FACTOR	POSTED OCC.	TOTAL OCC.	USE GROUP
001	STORAGE	1652 SF	300		6	STORAGE S
002	STORAGE	1076 SF	300		4	STORAGE S
003	STORAGE	1824 SF	300		7	STORAGE S
005	BOILER ROOM	647 SF	300		3	
GRAND TOTAL		5199 SF			20	



0 NUMBER OF OCCUPANTS ORIGINATING FROM SPACE  
< 0 > NUMBER OF OCCUPANTS SEPARATING FROM A SPACE  
0 NUMBER OF OCCUPANTS CONVERGING WHILE ADVANCING  
> 0 > NUMBER OF OCCUPANTS SEPARATING WHILE ADVANCING

STAIR/CORR/DOOR WIDTH  
DOOR WIDTH  
STAIR/CORR/DOOR WIDTH EXIT CAPACITY  
REQUIRED CLEAR WIDTH FOR OCCUPANT LOAD  
ACTUAL OCCUPANT LOAD

FIRE SUPPRESSION SYSTEM LEGEND

FDC FIRE DEPT. CONNECTION  
SPRINKLER SYSTEM WET RISER  
SP FIRE SUPPRESSION WATER SERVICE

FIRE SUPPRESSION SYSTEM NOTES

1. IDENTIFY ALL 1 AND 2 HOUR FIRE-RATED PARTITIONS BY STENCILING RATING ON EACH OF RATED WALLS ABOVE CEILING LINE WITH 4" HIGH LETTERS IN RED OR ORANGE SEMI-GLOSS PAINT. EACH RATED WALL SHALL BE IDENTIFIED AT LEAST ONCE AND AT A SPACING NOT GREATER THAN 12' O.C. (EXAMPLE: 2-HR FIRE BARRIER)

2. REFER TO FIRE SUPPRESSION DRAWINGS FOR ADDITIONAL INFORMATION.

1 HOUR RATED WALL CONSTRUCTION  
2 HOUR RATED WALL CONSTRUCTION  
SMOKE BARRIER  
TRAVEL DISTANCE LINE MAX = 250'-0"  
COMMON PATH OF TRAVEL  
TEMPORARY 1-HR RATED PARTITION

REFER TO CODE COMPLIANCE SUMMARY ON G1003

NOTES

1. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION ON LOCATIONS OF FIRE WALLS AND SMOKE PARTITIONS.

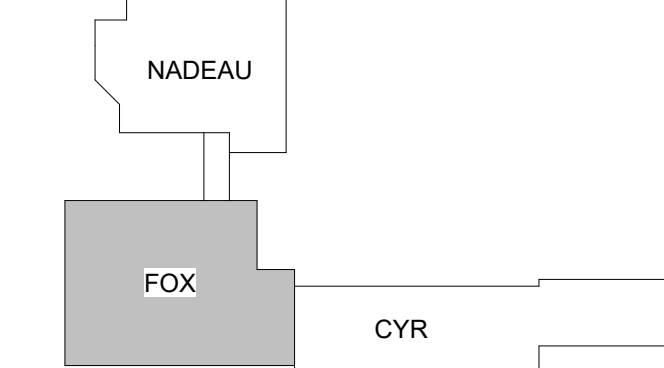
2. PROVIDE FIRE STOPPING / CAULKING AT PENETRATIONS IN ONE HOUR RATED, TWO HOUR RATED AND SMOKE BARRIER WALL CONSTRUCTION AND FLOORS WITHIN RATED WALL CONSTRUCTION, REFER TO SPEC. SECTION 07841.

3. INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION.

ADA CLEARANCE AT DOORS AND TOILET ROOMS  
4'-0" 5'-0"

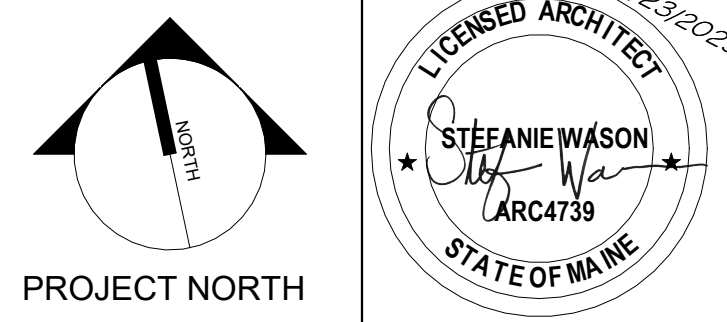
ADA CLEARANCE AT DOORS AND TOILET ROOMS  
E FEC EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINET  
E FE EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINET

THIS SHEET IS INTENDED TO BE VIEWED/PRINTED IN COLOR TO FULLY SEE THE INFORMATION SHOWN



KEY PLAN

1	ADDENDUM #1	5/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE



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UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION

PROJECT: 23 UNIVERSITY DRIVE  
FORT KENT, ME 04743  
GROUND FLOOR CODE PLAN

SHEET TITLE: 10302002 - UMFK FOX AUD A24.RVT  
WBRC REVIT FILE: 10302002 GRAPHIC SCALE: 0' 1"  
PROJECT No.: As indicated  
SCALE: KCK/JLR  
PROJ: SHW  
DRAWN BY: SHW  
CHECKED BY: SHW  
SHEET No.: G1004

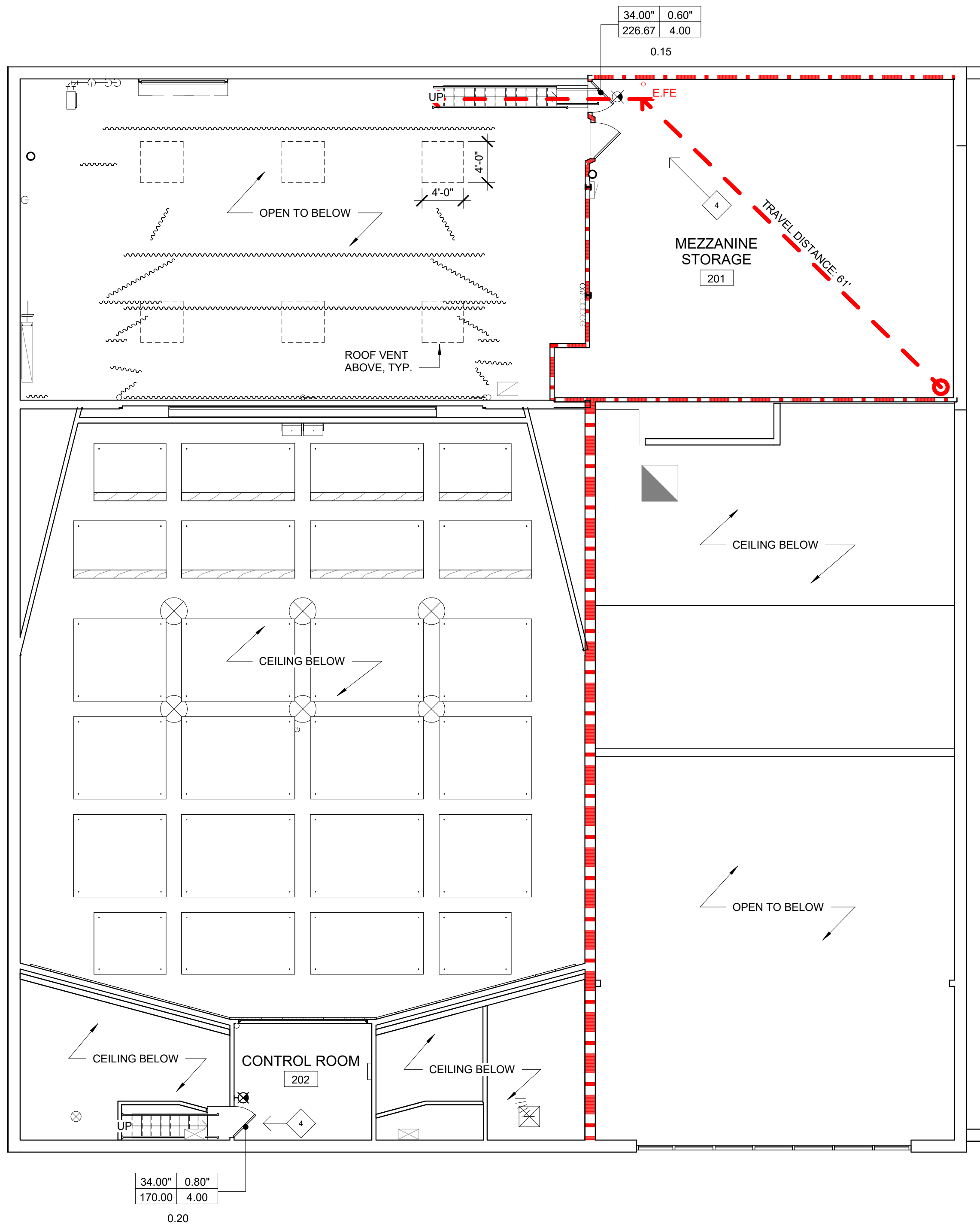
A8

GROUND FLOOR CODE PLAN

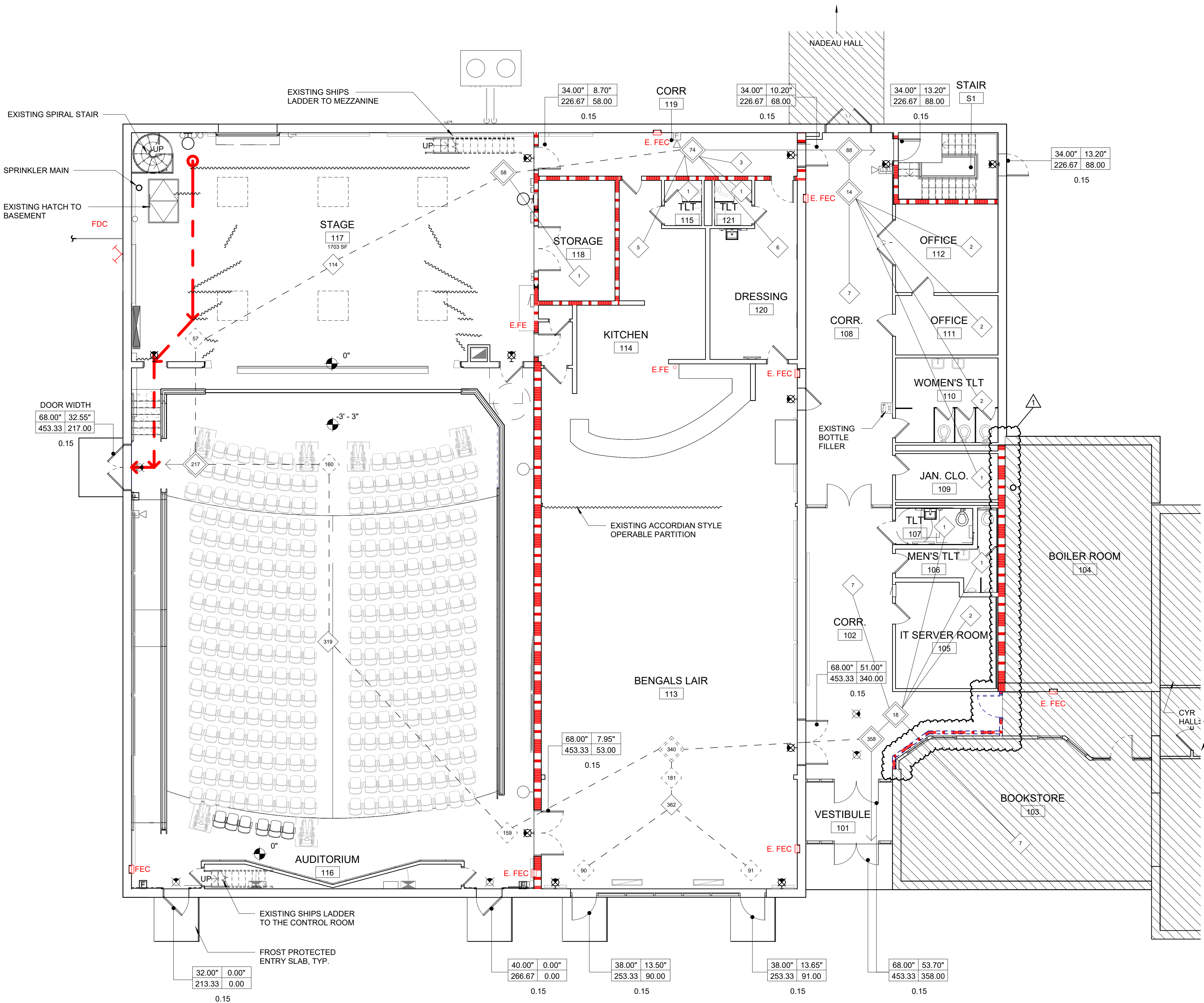
1/8" = 1'-0"



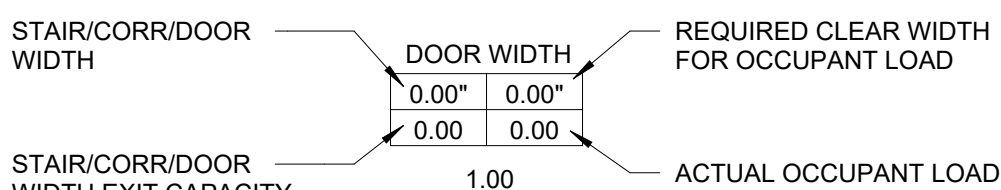
OCCUPANCY CALCULATION SCHEDULE - MEZZANINE						
ROOM #	NAME	AREA	OCC. FACTOR	POSTED OCC.	TOTAL OCC.	USE GROUP
201	MEZZANINE STORAGE	1105 SF	300		4	STORAGE S
202	CONTROL ROOM	151 SF	50		4	ASSEMBLY A-1
GRAND TOTAL		1256 SF			8	



OCCUPANCY CALCULATION SCHEDULE - FIRST FLOOR						
ROOM #	NAME	AREA	OCC. FACTOR	POSTED OCC.	TOTAL OCC.	USE GROUP
101	VESTIBULE	99 SF	100		1	BUSINESS
102	CORR.	693 SF	100		7	BUSINESS
103	BOOKSTORE	626 SF	100		7	BUSINESS
105	IT SERVER ROOM	188 SF	100		2	BUSINESS
106	MEN'S TLT	78 SF	100		1	BUSINESS
107	TLT	52 SF	100		1	BUSINESS
108	CORR.	599 SF	100		6	BUSINESS
109	JAN. CLO.	88 SF	100		1	BUSINESS
110	WOMEN'S TLT	161 SF	100		2	BUSINESS
111	OFFICE	113 SF	100		2	BUSINESS
112	OFFICE	168 SF	100		2	BUSINESS
113	BENGALS LAIR	1816 SF	0	362	362	ASSEMBLY A-2
114	KITCHEN	950 SF	200		5	ASSEMBLY A-2
115	TLT	31 SF	100		1	BUSINESS
116	AUDITORIUM	3814 SF	0	319	319	ASSEMBLY A-1
117	STAGE	1703 SF	15		114	ASSEMBLY A-1
118	STORAGE	171 SF	300		1	STORAGE S
119	CORR	209 SF	100		3	BUSINESS
120	DRESSING	250 SF	50		6	ASSEMBLY A-1
121	TLT	31 SF	100		1	BUSINESS
GRAND TOTAL		11841 SF			844	



- 0 NUMBER OF OCCUPANTS ORIGINATING FROM SPACE
- < 0 > NUMBER OF OCCUPANTS SEPARATING FROM A SPACE
- 0 NUMBER OF OCCUPANTS CONVERGING WHILE ADVANCING
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**FIRE SUPPRESSION SYSTEM LEGEND**

- FDC FIRE DEPT. CONNECTION
- SPRINKLER SYSTEM WET RISER
- SP FIRE SUPPRESSION WATER SERVICE

**FIRE SUPPRESSION SYSTEM NOTES**

- IDENTIFY ALL 1 AND 2 HOUR FIRE-RATED PARTITIONS BY STENCILING RATING ON EACH OF RATED WALLS ABOVE CEILING LINE WITH 4" HIGH LETTERS IN RED OR ORANGE SEMI-GLOSS PAINT. EACH RATED WALL SHALL BE IDENTIFIED AT LEAST ONCE AND AT A SPACING NOT GREATER THAN 12' O.C. (EXAMPLE: 2-HR FIRE BARRIER)
- REFER TO FIRE SUPPRESSION DRAWINGS FOR ADDITIONAL INFORMATION.

--- 1 HOUR RATED WALL CONSTRUCTION

--- 2 HOUR RATED WALL CONSTRUCTION

... SMOKE BARRIER

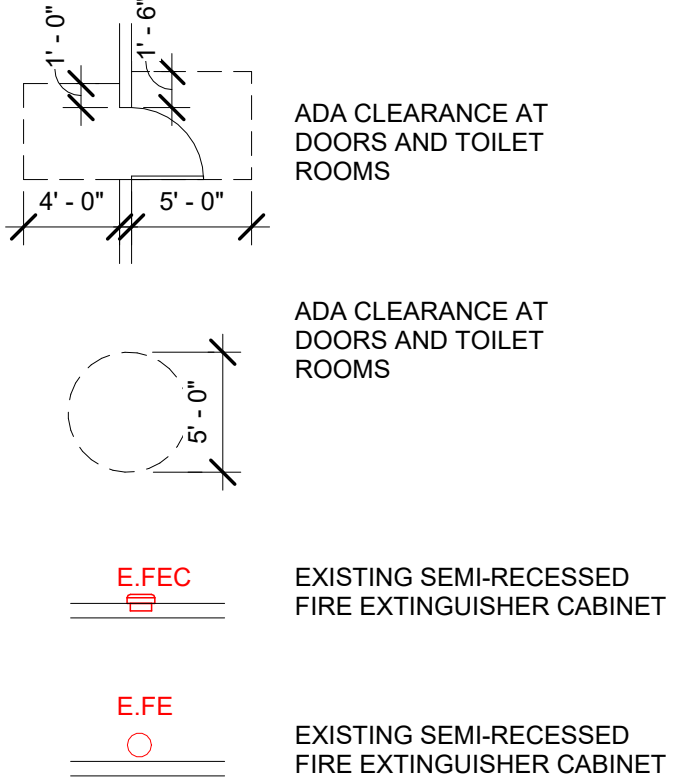
→ TRAVEL DISTANCE LINE MAX = 250'-0"

CPOT: X-X' COMMON PATH OF TRAVEL

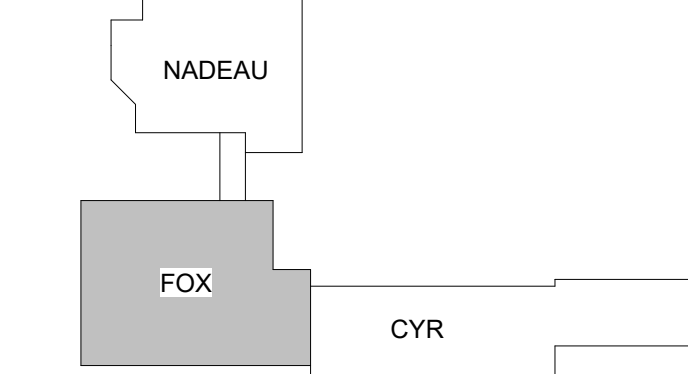
TEMPORARY 1-HR RATED PARTITION

REFER TO CODE COMPLIANCE SUMMARY ON G1003

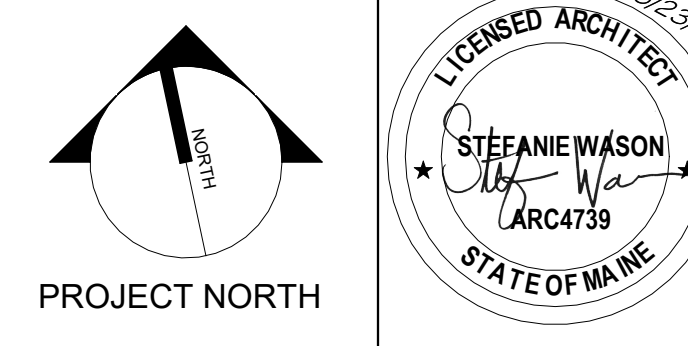
- NOTES**
- REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION ON LOCATIONS OF FIRE WALLS AND SMOKE PARTITIONS.
  - PROVIDE FIRE STOPPING / CAULKING AT PENETRATIONS IN ONE HOUR RATED, TWO HOUR RATED AND SMOKE BARRIER WALL CONSTRUCTION AND FLOORS WITH RATED WALL CONSTRUCTION, REFER TO SPEC. SECTION 07841.
  - INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION.



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1	ADDENDUM #1	5/23/2025
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**UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION**

PROJECT: 23 UNIVERSITY DRIVE  
FORT KENT, ME 04743

**FIRST FLOOR AND MEZZANINE  
CODE PLAN**

SHEET TITLE:	10302002 - UMFK FOX AUD A24.RVT
WBRC REVIT FILE:	10302002
PROJECT No.	10302002
SCALE:	1/8" = 1'-0"
PROJ No.	KCKJLR
DRAWN BY:	SHW
CHECKED BY:	SHW

**G1005**



5/27/2025 10:02:06 AM SHEET SIZE : 30x42  
Autodesk Docs / 110302002 - UMFK Fox Auditorium SD-CA/10302002 - UMFK Fox Aud A24.rvt

A1

MEZZANINE REFLECTED CEILING REMOVALS PLAN

1/8" = 1'-0"

A8

FIRST FLOOR CEILING REMOVALS PLAN

1/8" = 1'-0"

LEGEND:

EXISTING TO REMOVE - - - - -  
EXISTING TO REMAIN \_\_\_\_\_

KEYNOTES:

R9	REMOVE CATWALK, CATWALK RAMP AND ASSOCIATED SUPPORTS
R11	REMOVE EXISTING ACOUSTIC REFLECTOR PANELS & SUPPORTS
R21	REMOVE EXISTING ACOUSTIC CEILING TILE AND SUPPORT FRAMING
R23	REMOVE EXISTING ROOF VENTS
R24	REMOVE EXISTING ACOUSTIC CEILING TILE
R24a	REMOVE PORTION OF EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW SPRINKLER SYSTEM, MECHANICAL EQUIPMENT AND ACCESS PANELS. PREP AREA FOR NEW CEILING WORK
R24b	REMOVE PORTION OF EXISTING CEILING AS REQUIRED FOR INSTALLATION OF NEW SPRINKLER SYSTEM. RETAIN AND PROTECT FOR REINSTALLATION.
R25	REMOVE STAGE CURTAINS AND SUPPORTS. RETAIN AND PROTECT FOR REINSTALLATION
R30	REMOVE EXISTING LIGHT FIXTURES, TYP.
R31	REMOVE EXISTING LIGHTBARS AND SUPPORTS, STORE AND PROTECT FOR REINSTALLATION

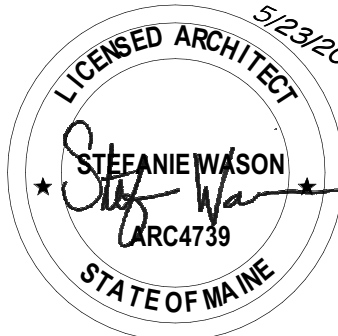
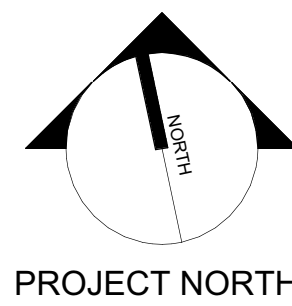
GENERAL REMOVAL NOTES:

- GENERAL CONTRACTOR (GC) SHALL FIELD VERIFY & REPORT EXISTING CONDITIONS AND DIMENSIONS PRIOR TO REMOVALS. IF DISCREPANCIES ARE FOUND, GC TO NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING WITH THE WORK.
- GC AND SUBCONTRACTORS (SC) FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY BE INDICATED OR DESCRIBED IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS.
- REFER TO SPECIFIC DRAWINGS FOR PLUMBING, HVAC AND ELECTRICAL REMOVALS WORK.
- GC AND SC ARE RESPONSIBLE FOR PROVIDING ALL REMOVALS AND PATCHING REQUIRED TO COMPLETE THEIR WORK IN ACCORDANCE WITH THE DESIGN INTENT.
- THESE REMOVALS DRAWINGS HAVE BEEN PREPARED BASED UPON EXISTING CONSTRUCTION DOCUMENT DRAWINGS AND FIELD OBSERVATIONS. THE EXACT LOCATION OF THE BUILDING STRUCTURAL ELEMENTS (COLUMNS, BEAMS, LOAD BEARING WALLS, ETC.) MAY BE DIFFERENT IN THE FIELD THAN WHAT IS INDICATED OR ASSUMED ON THESE DRAWINGS. GC SHALL FIELD VERIFY THE LOCATION OF ALL BUILDING STRUCTURAL ELEMENTS. ALL BUILDING STRUCTURAL ELEMENTS SHALL REMAIN UNLESS INDICATED TO BE REMOVED ON THE STRUCTURAL DRAWINGS. ANY BUILDING STRUCTURAL ELEMENT INDICATED AS BEING REMOVED ON THIS DRAWING SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO COMMENCING REMOVALS.
- PROVIDE NEW LINTELS AT NEW OPENINGS IN EXISTING WALLS. SEE STRUCTURAL DRAWINGS FOR INFORMATION ON LINTELS. IF NEW LINTEL IS NOT INDICATED, NOTIFY ARCHITECT FOR DIRECTION PRIOR TO PROCEEDING.
- GC SHALL PROTECT, REPLACE OR REPAIR ANY EXISTING CONSTRUCTION SCHEDULED TO REMAIN WHICH IS DAMAGED DURING REMOVALS.
- GC SHALL PROVIDE REQUIRED SHORING OR TEMPORARY BRACING DURING REMOVALS.
- REMOVE EXISTING CEILINGS AND SUPPORTS WHERE NEW CEILINGS ARE INDICATED.
- REMOVE PARTITIONS, SHELVING, CABINETS AND ALL MISCELLANEOUS ITEMS SHOWN WITH DASHED LINES.
- PATCH ALL FLOORS, WALLS, BASE AND CEILINGS WHERE PARTITIONS OR MISCELLANEOUS ITEMS ARE REMOVED.
- REMOVE DOORS, FRAMES AND SIDELIGHTS SHOWN WITH DASHED LINES, UNLESS OTHERWISE NOTED.
- REMOVE EXISTING FLOORING WHERE NEW FLOORING IS SCHEDULED IN THE ROOM FINISH SCHEDULE. PREPARE EXISTING FLOOR SURFACES TO RECEIVE NEW FLOORING.
- CONTRACTOR SHALL VERIFY WITH THE OWNER THOSE REMOVED ITEMS TO BE TURNED OVER TO THE OWNER.

EXISTING AREA OF NO WORK OR LIMITED SCOPE

KEY PLAN

1	ADDENDUM #1	5/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE



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UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION

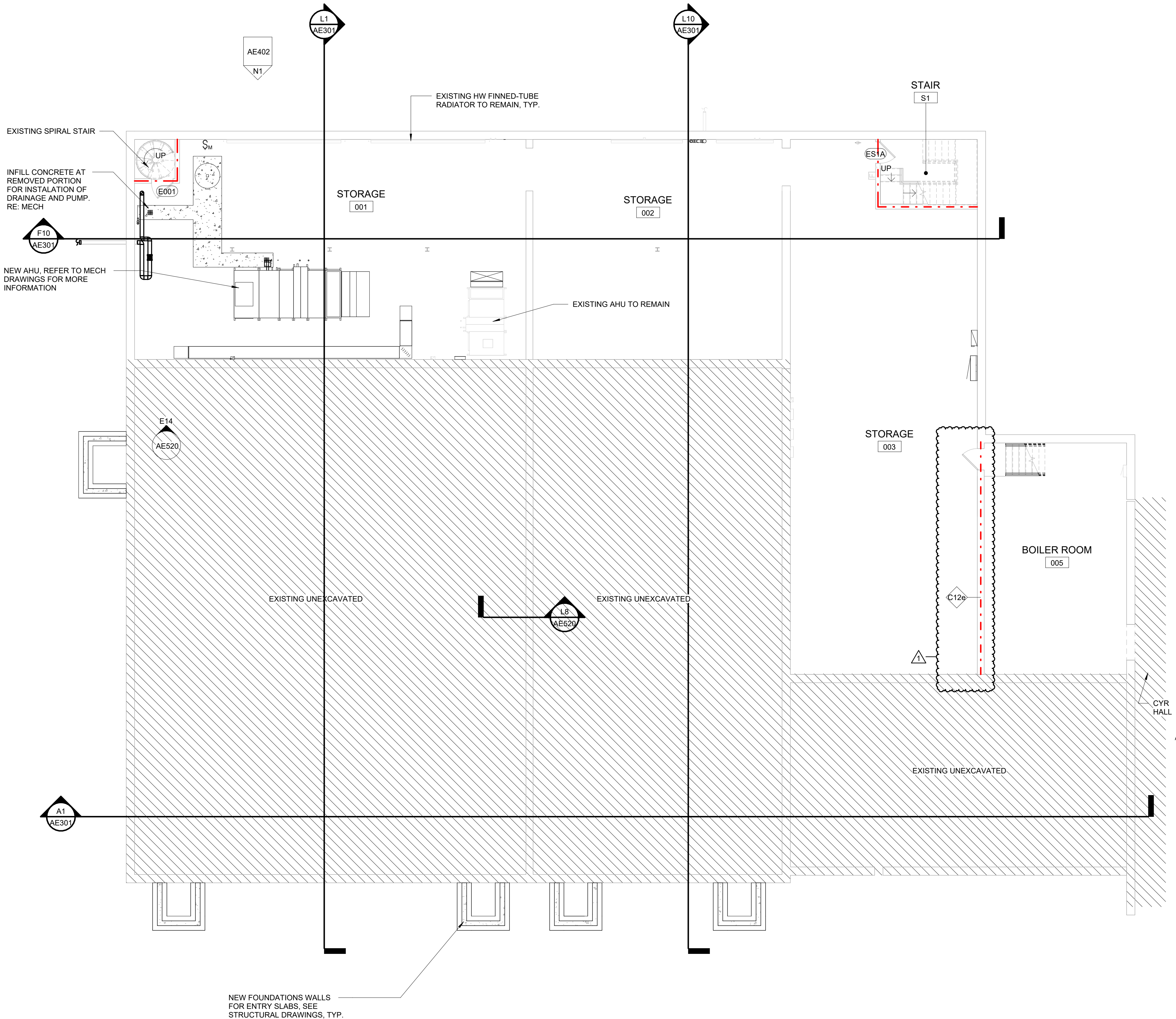
PROJECT: 23 UNIVERSITY DRIVE  
FORT KENT, ME 04743

FIRST FLOOR CEILING REMOVALS

SHEET TITLE:	10302002 - UMFK FOX AUD A24.RVT
WBRC REVIT FILE:	10302002
PROJECT No.	GRAPHIC SCALE: 0"
SCALE:	As indicated
PROJECT:	KCKJLR
DRAWN BY:	RAD
CHECKED BY:	SHW
SHEET No.	AD111

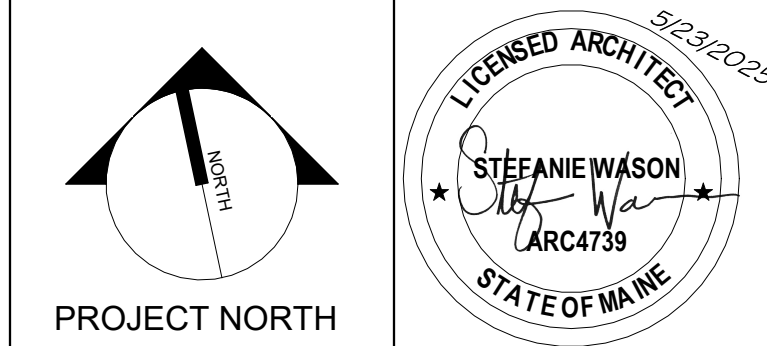


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Autodesk Docs/110302002 - UMFK Fox Auditorium SD-CA/10302002 - UMFK Fox Aud Arch - 24.rvt



- GENERAL NOTES:**
1. REFER TO G1002 SHEET FOR ALL ABBREVIATIONS AND SYMBOLS.
  2. REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.
  3. VERIFY ALL EQUIPMENT OPENINGS & RECOMMENDATIONS. LOCATION AND SIZES SHOWN ARE FOR INTENT PURPOSES ONLY. ADJUST ROUGH OPENINGS AND LOCATIONS AS REQUIRED PER ACTUAL EQUIPMENT.
  4. DOOR JAMBS ARE 4" FROM NEAREST ADJACENT INTERSECTING PARTITION UNLESS NOTED OTHERWISE. SEE DOOR DETAILS FOR FURTHER INFORMATION.
  5. G.C. TO PROVIDE & INSTALL ALL IN-WALL OR IN-CEILING BLOCKING / BRACING AS REQUIRED FOR ALL MILLWORK ITEMS, EQUIPMENT, SHELVING, AND ACCESSORIES WHETHER ITEMS ARE BY G.C. OR OTHERS COORDINATE WITH OWNER.
  6. G.C. SHALL BE RESPONSIBLE FOR LAYING OUT THE SPACE PRIOR TO COMMENCING WORK AND SHALL NOTIFY THE ARCHITECT AND OWNER OF ANY DISCREPANCIES.
  7. ALL CONCRETE MASONRY UNITS AND MORTAR TO INCLUDE AN INTEGRAL WATER REPELLENT.
  8. REFER TO SHEET AE601 FOR DOOR SCHEDULE AND FRAMING TYPES.
  9. NOT USED
  10. NOT USED
  11. ALL EXTERIOR DIMENSIONS ARE TO FACE STUD AND / OR FACE OF FOUNDATION AND MASONRY UNLESS SPECIFICALLY NOTED OTHERWISE.
  12. ALL INTERIOR DIMENSIONS SHOWN ARE TO FACE OF FRAMING UNLESS SPECIFICALLY NOTED OTHERWISE.
  13. ALL DIMENSIONS SHOWN LOCATING WINDOWS ARE TO CENTERLINE OF WINDOW, UNLESS SPECIFICALLY NOTED OTHERWISE.
  14. REFER TO SHEET G1003 FOR CODE COMPLIANCE PLAN, CODE REFERENCE INFORMATION AND FIRE RATED PARTITIONS AND SPACES. ALL MECHANICAL, ELECTRICAL, AND PLUMBING PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED, FIRE SAFED AND / OR HAVE FIRE DAMPERS EQUIVALENT TO THE HOURLY FIRE RATINGS OF THE CONSTRUCTION.
  15. ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN ANKWARD OR IMPROPER INSTALLATION NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS, SHALL BE CORRECTED BY CONTRACTOR AT THEIR EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
  16. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK.
  17. ELEMENTS NOTED AS OWNER FURNISHED & INSTALLED (OF/OI) ARE SHOWN FOR COORDINATION ONLY.
  18. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
  19. ALL PITCHED FLOOR AREAS SHOWN WITH PITCH LINES SHALL SLOPE AT 1/4" PER FOOT UNLESS OTHERWISE NOTED. PROVIDE A SLAB DEPRESSION AT ALL FLOOR DRAINS WHERE PITCH LINES ARE NOT SHOWN ON PLAN.
  20. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE, UNLESS OTHERWISE NOTED.
  21. INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION.
  22. REFER TO MECHANICAL AND ELECTRICAL CONTRACTORS DRAWINGS AND MANUFACTURES TEMPLATE DRAWINGS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, BOLT SETTING TEMPLATES, ISOLATIONS, SPRING ISOLATION, ETC. NOT SHOWN ON THE DRAWINGS.
  23. OWNER FURNISHED ITEMS THE G.C. SHALL COORDINATE AND PROVIDE ELECTRICAL, PLUMBING, AND MECHANICAL CONNECTIONS FOR ALL EQUIPMENT.
  24. REMOVE AND REPLACE ALL DOORS WITH 1.5 UL LABELED DOORS WITH CLOSERS UNLESS NOTED OTHERWISE.
  25. REPLACE ALL KNOB STYLE DOOR HARDWARE WITH ADA COMPLIANT LEVER HANDLES.
  26. SEAL ALL PENETRATIONS IN RATED WALL ASSEMBLIES WITH UL APPROVED FIRE STOPPING SYSTEM.

1	ADDENDUM #1	5/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE



**UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION**

PROJECT: 23 UNIVERSITY DRIVE  
FORT KENT, ME 04743

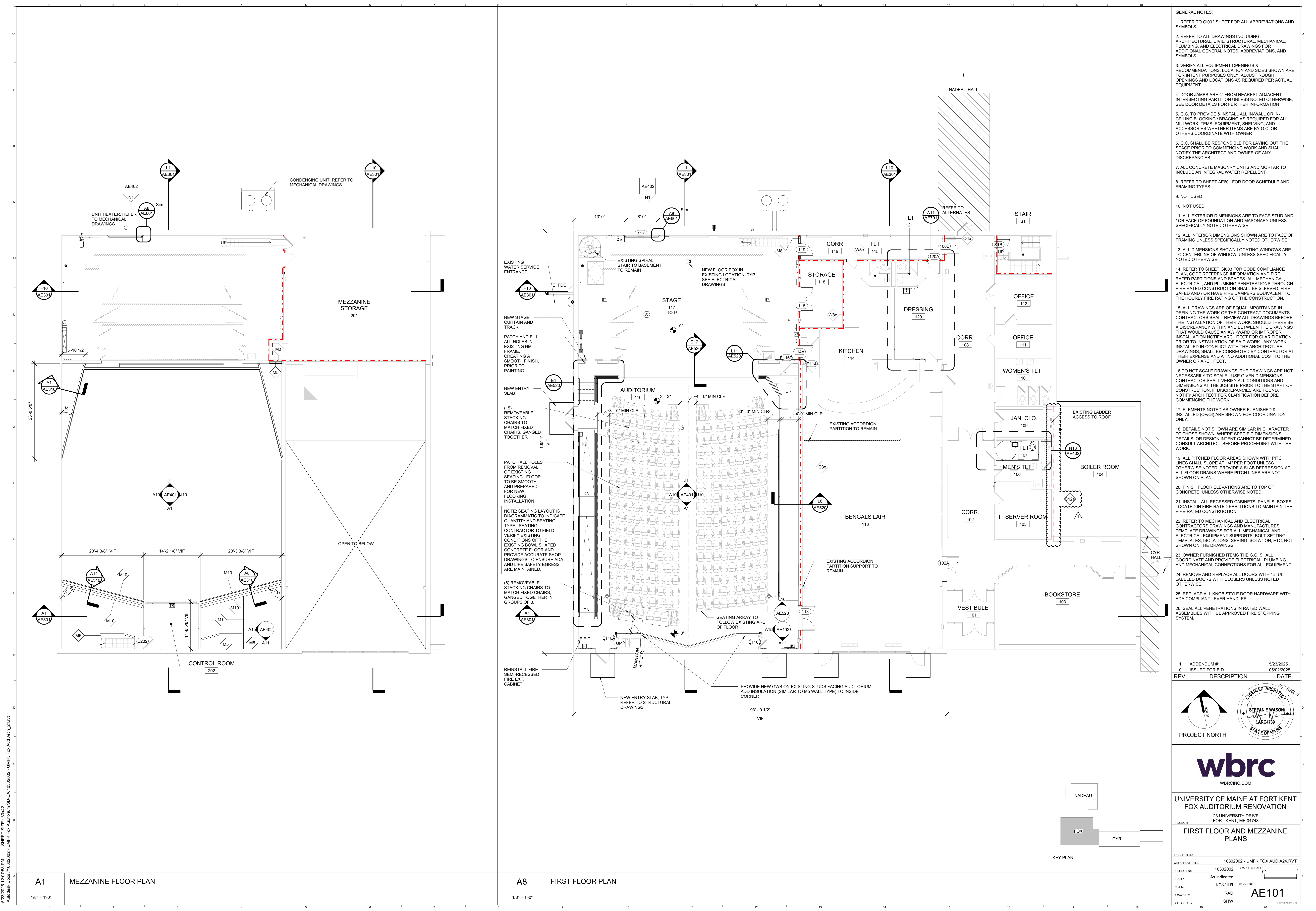
**GROUND FLOOR PLAN**

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PROJECT No.:	As indicated	GRAPHIC SCALE:	1"
SCALE:	KCKJLR	PROJECT:	AE100
PROJ. No.:	RAD	DRAWN BY:	SHW
DRAWN BY:	SHW	CHECKED BY:	

**A8** GROUND FLOOR PLAN

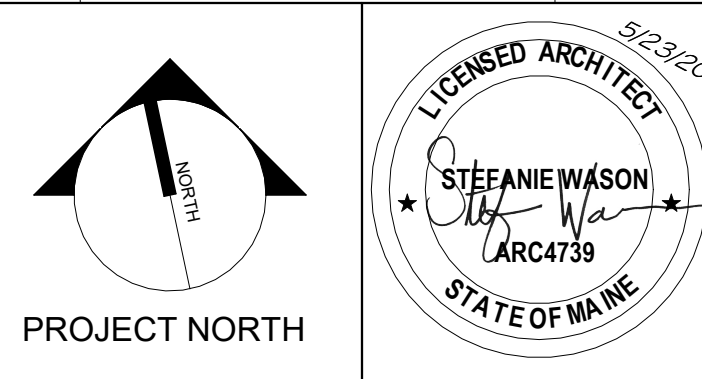
1/8" = 1'-0"





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  2. REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.
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1	ADDENDUM #1	5/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE



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UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION

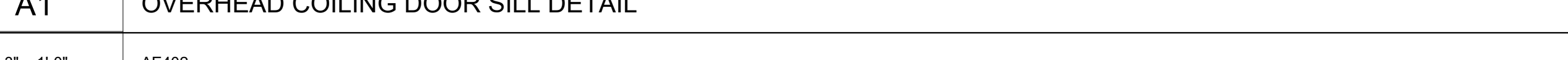
PROJECT:  
FIRST FLOOR AND MEZZANINE PLANS

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PROJECT NO.:	10302002	
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PROJ.:	KCKJLR	SHEET NO.:
DRAWN BY:	RAD	<b>AE101</b>
CHECKED BY:	SHW	

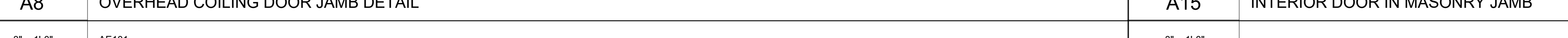


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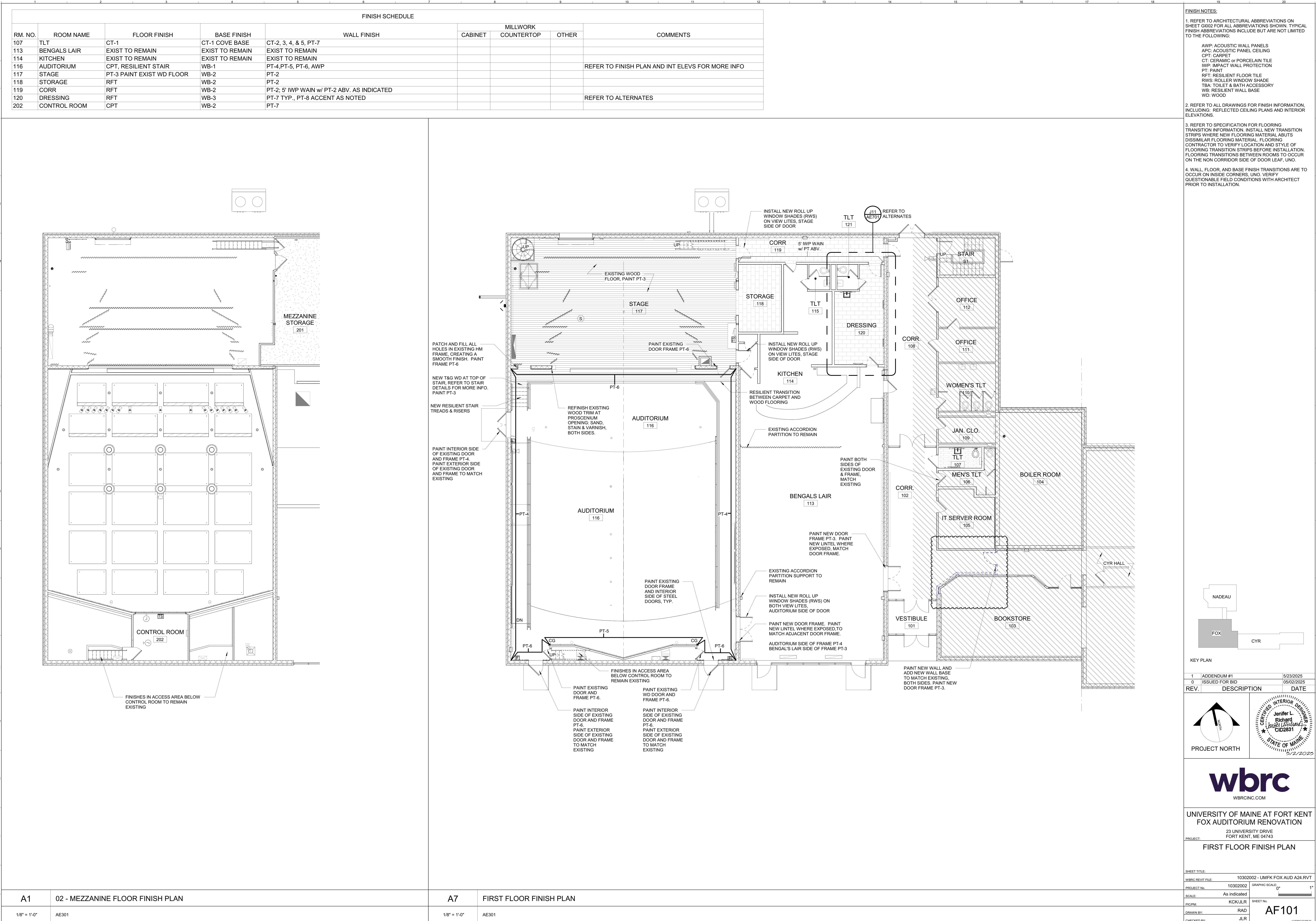
DOOR AND FRAME SCHEDULE - EXISTING										
DOOR NUMBER	LOCATION	DOOR				FRAME			OTHER COMMENTS	
		SIZE	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH		
E001	STORAGE #001	3' - 0" x 7' - 0" x 1 3/4"	B	WD	S&V	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	
E114	KITCHEN #114	3' - 0" x 7' - 0" x 1 3/4"	C	WD	S&V	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	
E116A	AUDITORIUM #116	2' - 4" x 7' - 0" x 1 3/4"	A	WD	S&V	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	
E116B	AUDITORIUM #116	2' - 4" x 7' - 0" x 1 3/4"	A	WD	S&V	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	
E116D	AUDITORIUM #116	3' - 0" x 7' - 0" x 1 3/4"	C	WD	S&V	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	
E202	CONTROL ROOM #202	3' - 0" x 7' - 0" x 1 3/4"	B	HM	PNTD	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	
ES1A	STAIR S1	3' - 0" x 7' - 0" x 1 3/4"	B	WD	S&V	1	HM	PNTD	REPLACE KNOBS WITH ADA COMPLIANT LEVER HANDLES	

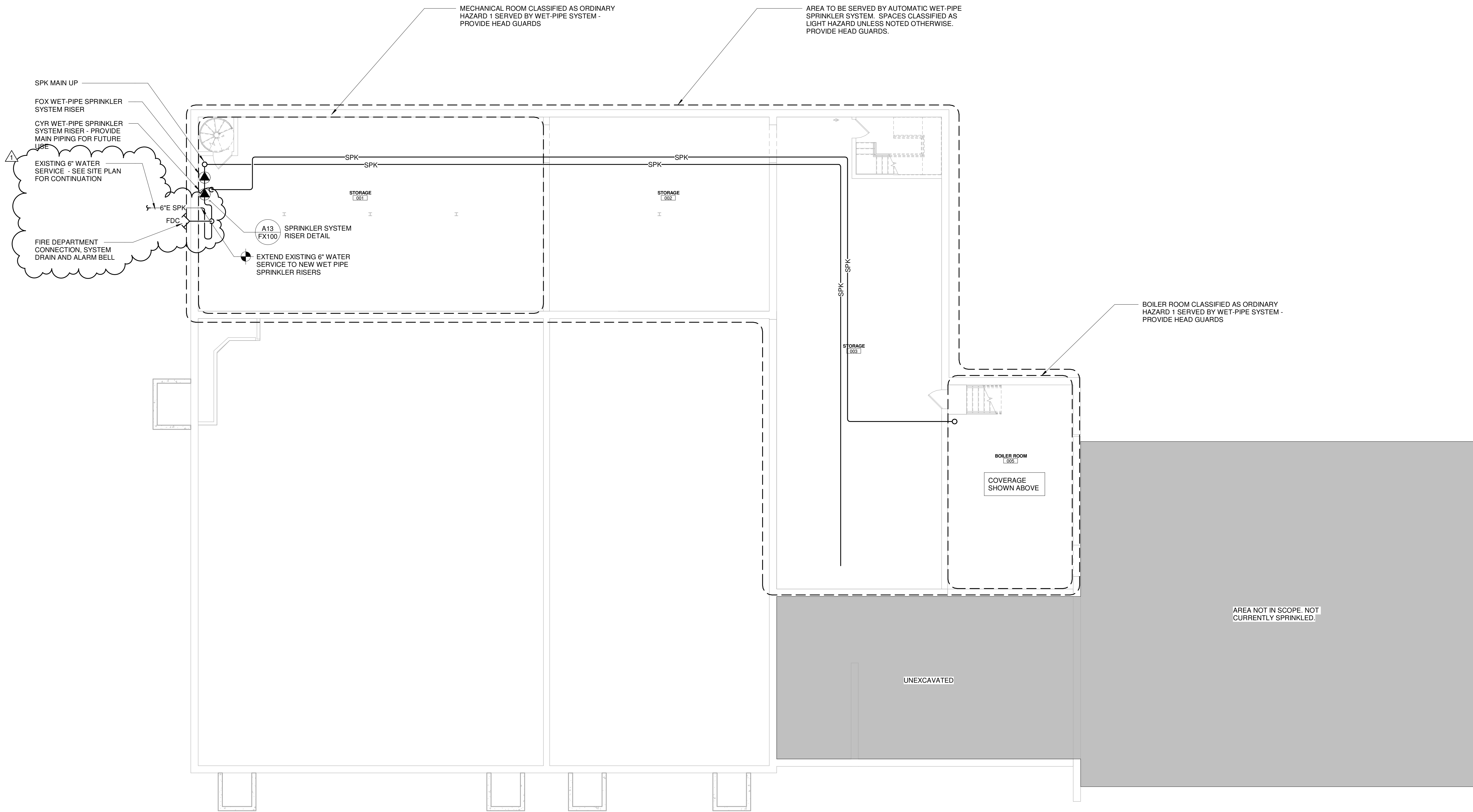


2. ALL HOLLOW METAL DOOR AND  
TO BE PAINTED , UNO.



5/27/2025 10:52:21 AM SHEET SIZE: 30x42  
Autodesk Docs/110302002 - UMFK Fox Auditorium SD-CA/10302002 - UMFK Fox Aud A24.rvt





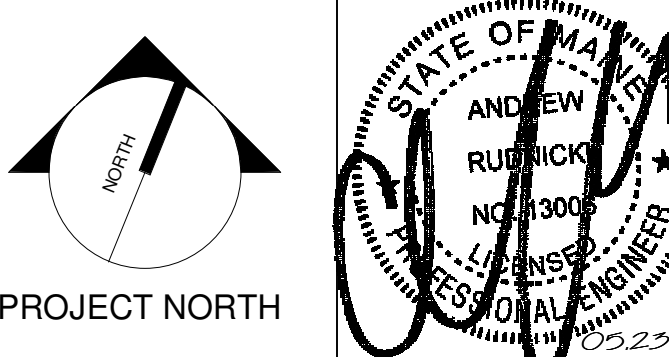
**FIRE SUPPRESSION SYSTEM NOTES:**

1. CONTRACTOR TO PERFORM HYDRANT FLOW TEST TO CONFIRM AVAILABLE SITE PRESSURE AND FLOW. CONTRACTOR SHALL PROVIDE DESIGN, CALCULATIONS, PERMITS AND INSTALLATION.
2. INSTALL WET-PIPE FIRE SUPPRESSION SYSTEM THROUGHOUT ENTIRE FACILITY IN ACCORDANCE WITH NFPA 13, FM, STATE OF MAINE FIRE MARSHAL'S OFFICE, AND THE CITY OF FORT KENT, MAINE TO PROVIDE FULL COVERAGE OF ALL SPACES.
3. SPRINKLER MAINS NOT PERMITTED IN ELECTRICAL ROOMS OR OVER SWITCH GEAR, IN TEL/COM ROOMS OR OVER TEL/COM EQUIPMENT.
4. COORDINATE SPRINKLER PIPING LOCATIONS WITH ALL TRADES.
5. ALL AREAS CLASSIFIED AS 'LIGHT HAZARD' UNLESS NOTED OTHERWISE PER NFPA 13, FM, OR AS SPECIFIED IN 211313.
6. IN SPACES WITH TILES CEILINGS, PIPING SHALL BE CONCEALED AND SEMI-RECESSED SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF TILE.
7. FULLY CONCEALED SPRINKLER HEADS SHALL BE INSTALLED IN PUBLIC SPACES SUCH AS LOBBIES, VESTIBULES, AUDITORIUM, AND KITCHEN, AND AS NOTED OR SPECIFIED. COVERS SHALL MATCH ADJACENT CEILING COLOR.
8. EXPOSED PIPING WITH UPRIGHT HEADS SHALL BE PROVIDED IN SPACES WITH EXPOSED STRUCTURE. SPRINKLER PIPING SHALL BE FIELD PAINTED.
9. PIPING SHALL BE STANDARD WEIGHT BLACK STEEL PIPING CONFORMING WITH ASTM A53. THREADED PIPE ENDS AND FITTINGS SHALL BE USED UP TO 2\"/>

**FIRE SUPPRESSION SYSTEM  
LEGEND & ABBREVIATIONS:**

	FIRE DEPT. CONNECTION (STORZ)
	SPRINKLER SYSTEM "WET" RISER.
	SPRINKLER SYSTEM "DRY" RISER.
	TECHNICAL NOTE
	SPRINKLER HEAD
DN	DOWN
EQUIP	EQUIPMENT
FCVA	FLOOR CONTROL VALVE ASSEMBLY
FDC	FIRE DEPARTMENT CONNECTION
GPM	GALLONS PER MINUTE
SF	SQUARE FEET
— SPK-DRY —	DRY PIPE SPRINKLER MAIN
— SPK —	WET-PIPE SPRINKLER MAIN
- - - - -	AREA OF HAZARD AS NOTED

1	ADDENDUM #1	05/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE



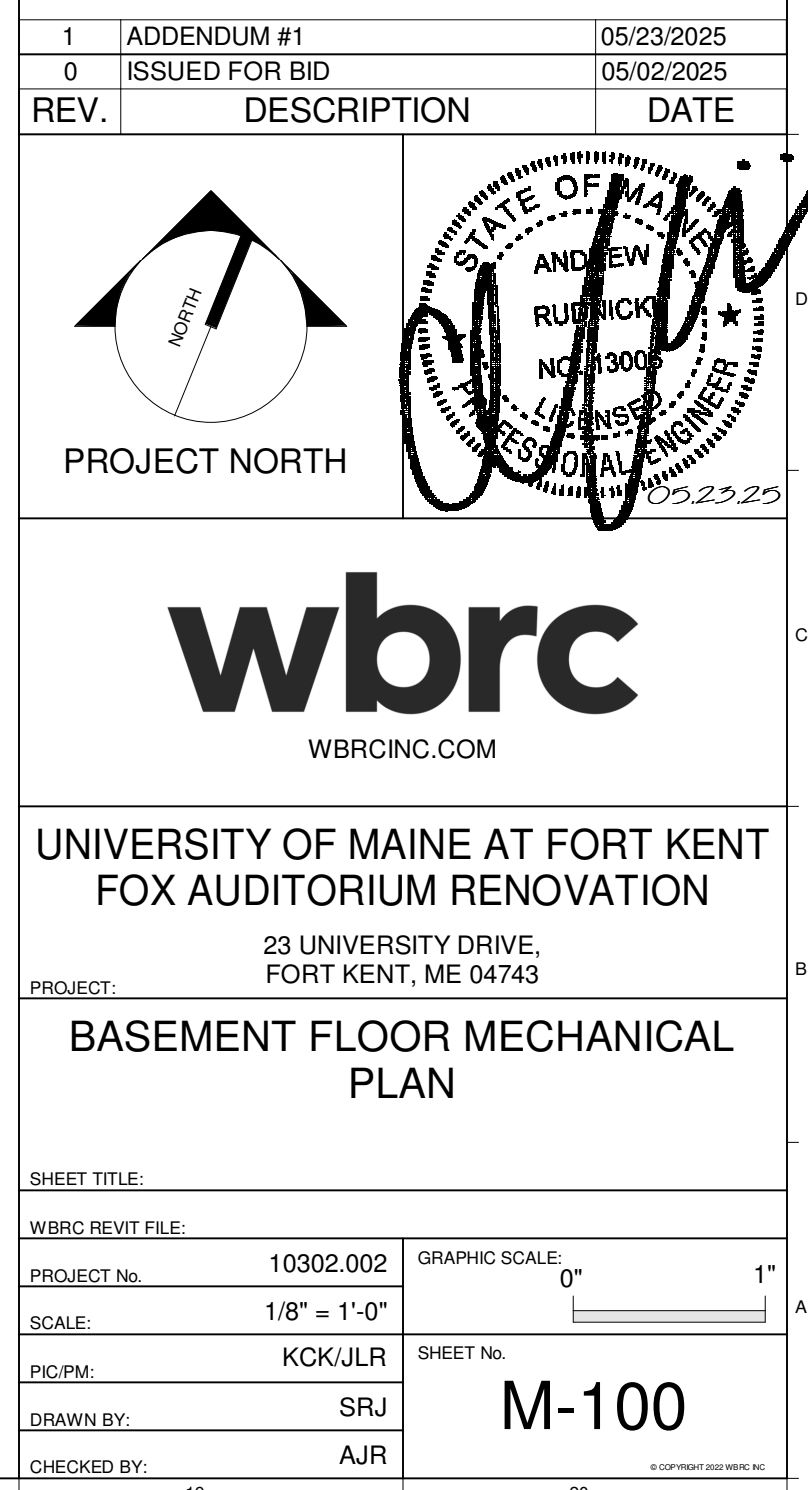
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UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION  
23 UNIVERSITY DRIVE,  
FORT KENT, ME 04743

PROJECT: **BASEMENT FLOOR FIRE PROTECTION PLAN**

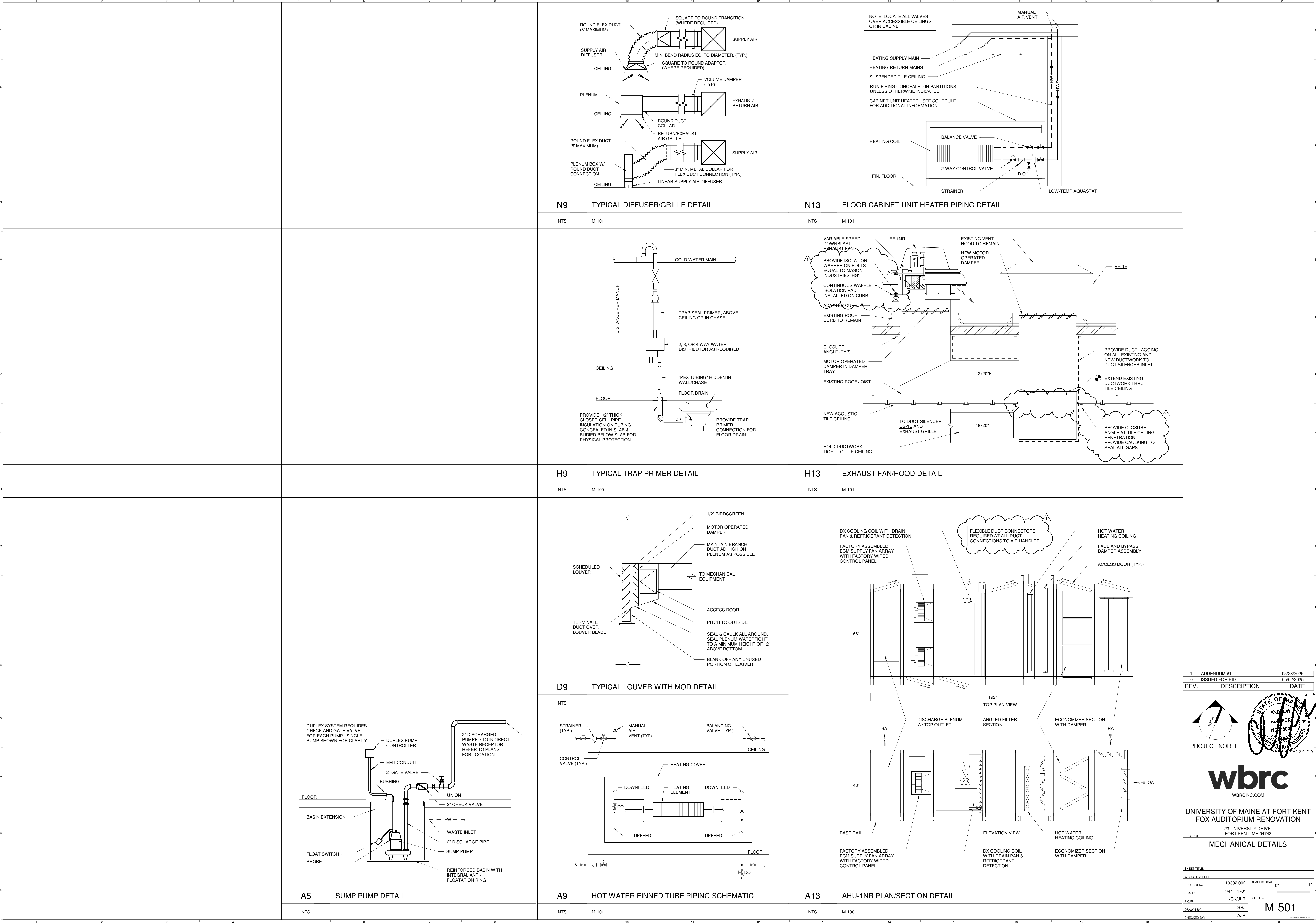
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DRAWN BY:	SRJ
CHECKED BY:	AJR
SHEET No. <b>FX100</b>	







5/23/2025 9:25:40 AM SHEET SIZE: 30x42  
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1	ADDENDUM #1	05/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE

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UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION  
23 UNIVERSITY DRIVE,  
FORT KENT, ME 04743  
PROJECT: MECHANICAL DETAILS

SHEET TITLE:  
WBRC REVIT FILE:  
PROJECT No.: 10302.002  
SCALE: 1/4" = 1'-0"  
PRG/M: KCK/JLR  
DRAWN BY: SRJ  
CHECKED BY: AJR

GRAPHIC SCALE:  
0'  
1"  
SHEET No.: M-501

DUCT SILENCER SCHEDULE																		
TAG	SERVES	CFM	DIMENSIONS			MAX S.P. DROP (IN WC)	MAX VELOCITY (FPM)	AIR FLOW DIRECTION	MINIMUM DYNAMIC INSERTION LOSS (Db) OCTAVE BAND/FREQUENCY (HZ)								MODEL	NOTES
			WIDTH (IN)	HEIGHT (IN)	LENGTH (IN)				1	2	3	4	5	6	7	8		
DS-1S	AHU-1NR SUPPLY AIR	7,200	66	12	72	0.13	1,310	FORWARD	63	125	250	500	1K	2K	4K	8K	RHT72/SD	1,2
DS-1R	AHU-1NR RETURN AIR	3,600	48	18	48	0.13	800	REVERSE	63	125	175	18	35	33	19	33	ERM62/ZE	1,2
DS-2A	AHU-2NR FRESH AIR	1,600	36	18	36	0.13	400	REVERSE	63	125	175	18	35	33	19	33	ERM62/ZE	1,2
DS-1E	EF-1NR EXHAUST AIR	7,200	48	20	66	0.22	1,080	REVERSE	10	12	19	24	33	38	28	15	ERM766/DE	1,2
LOUVER SCHEDULE NOTES:																		
1. BASED ON PRICE																		
2. NYLAR BAGGED FILL																		

AIR HANDLING UNIT SCHEDULE

SUPPLY FAN													
TAG	SERVES	OA CFM (MIN / DESIGN)		SUPPLY CFM (MIN / MAX)		ESP	TSP	BHP	HP	POWER	TYPE	SIZE IN.	RPM
AHU-1NR	AUDITORIUM & STAGE	900 / 1700		3,600 / 7,200		1.00	2.99	(2) @ 2.61	(2) @ 4.4	208/3/60	PLNM / DIRECT	13.98	3,035
HOT WATER HEATING COIL													
TAG	AREA	ROWS	FPI	EAT °F	LAT °F	GPM	EWT	LWT	WPD	MBH	APD	MODEL	
AHU-1NR	11.7	2	9	40	92	26.2	180	149	3.1	405.9	0.25	5WH0902B	
DX COOLING COIL													
TAG	AREA	ROWS	FPI	EAT °F	LAT °F	REFG.	SST °F	# CIRCUITS	TOTAL MBH	SENS MBH	APD	MODEL	
AHU-1NR	14.3	6	8	80 / 67	55 / 54	R-32	45.0	2	281.3	193.4	0.78	4EJ0806B013	
UNIT DATA SUMMARY													
SUPPLY FILTERS						MODEL		DIMENSIONS (H x W x L)		WEIGHT LBS.	NOTES		
UNIT	AREA SF	TYPE	ORIENTATION	EFF.	MEAN APD								
AHU-1NR	30.3	2" PLEATED	ANGLED	MERV 8	0.54	CAH015GDSCM		48" x 66" x 192"		3.28T	1, 2, 3, 4, 5, 6, 7, 8, 9, 10		
PACKAGED DEHUMIDIFICATION UNIT SCHEDULE NOTES:													
1. BASED ON DAIKIN APPLIED													
2. 4" BASE RAIL - NOT INCLUDED IN UNIT DIMENSIONS													
3. PIEZOMETER RING ON EACH SUPPLY FAN INLET													
4. OUTSIDE AIR MEASURING STATION													
5. FACTORY INSTALLED ECON FAN ARRAY CONTROL PANEL. REQUIRES 208V/3PH POWER, MCA @ 22.7A, MOCP @ 30A.													
6. FACTORY INSTALLED SUPPLY AIR DUCT SMOKE DETECTOR.													
7. INTERNAL FACE AND BYPASS DAMPERS UPSTREAM OF HEATING COIL													
8. PROVIDE MANUAL BLOCK OFF PLATES UPSTREAM OF SUPPLY FANS													
9. FACTORY INSTALLED REFRIGERANT DETECTION SENSOR. REQUIRES 120V CIRCUIT, MCA @ 2A, MOCP @ 10A.													
10. UNIT SHALL BE SHIPPED IN SMALLEST SECTIONS AVAILABLE TO ALLOW RIGGING THROUGH STAGE FLOOR HATCH. PROVIDE TEMPORARY SUPPORT OF COILS WITHIN CASING TO PREVENT DAMAGE.													

HEATER SCHEDULE														
TAG	SERVES	TYPE	MODEL	CFM	MBH	GPM	WPD FT	EWT °F	LWT °F	RPM	ELECTRICAL			NOTES
											HP	VOLT	PHASE	
UH-1	STAGE	HORIZONTAL	HS-036B	480	22.4	2.7	0.09	180	-	1,550	1/20	120	1	1, 2, 3
HEATER SCHEDULE NOTES:														
1. BASED ON STERLING														
2. PROVIDE STANDARD COLOR AS SELECTED BY ARCHITECT														
3. PROVIDE FIELD ASSEMBLED WALL BRACKET TO SUPPORT UNIT HEATER.														

DIFFUSER / GRILLE AND REGISTER SCHEDULE										
TAG	DESCRIPTION	NECK SIZE (W x H)	MAX CFM	SP (IN-WC)	THROW FT	NC	TYPE	MODEL	MOUNTING	NOTES
SD-1	SUPPLY AIR DIFFUSER	12 x 12	300	0.036	8-12-19	<15	4-WAY	SMCD-TYPE 3P	LAY-IN	1, 2
SD-2	SUPPLY AIR DIFFUSER	14"Ø	500	0.048	8-6-10	<15	ROUND	RCDA	EXPOSED	1, 3, 4
SG-1	SUPPLY AIR GRILLE	16 x 6	250	0.038	13-19-29	<15	DBL DEFLECTION	520-L	EXPOSED	1, 3
RG-1	RETURN AIR GRILLE	48 x 18	3,600	0.052	-	<15	45° DEFLECTION	96-L	SURFACE	1, 3
RG-2	RETURN AIR GRILLE	8 x 8	200	0.034	-	<15	EGG CRATE	80-F	SURFACE	1, 3
EG-1	EXHAUST AIR GRILLE	8 x 8	200	0.04	-	<15	EGG CRATE	80-F	SURFACE	1, 2
EG-2	EXHAUST AIR GRILLE	48 x 48	7,200	0.047	-	17	EGG CRATE	80-F	SURFACE	1, 5
DIFFUSER / GRILLE SCHEDULE NOTES:										
1. BASED ON PRICE										
2. PROVIDE WHITE FINISH										
3. CUSTOM COLOR AS SELECTED BY THE ARCHITECT.										
4. FIELD SET CONES IN 25% FROM FULL HORIZONTAL DISCHARGE.										
5. PROVIDE BLACK FINISH - FIELD COORDINATE WITH EXISTING DUCT SIZE. MINIMUM SIZE SHOWN.										

FAN SCHEDULE											
TAG	SERVES	TYPE	MODEL	CFM	ESP IN-WC	FAN RPM	BHP	ELECTRICAL			NOTES
								HP	VOLT	PHASE	
EF-1NR	AUDITORIUM EXHAUST	DOWNBLAST	GB-300-20	7,200	0.5	564	1.40	2	208	3	1, 2, 3, 4, 5, 6, 7
FAN SCHEDULE NOTES: 1. BASED ON GREEN-CHECK 2. 16" HIGH INSULATED ADAPTER CURB - FIELD VERIFY EXISTING CURB DIMENSIONS 3. HINGED BASE KIT WITH CABLES 4. COLOR AS SELECTED BY ARCHITECT 5. 24V MOTOR OPERATED DAMPER 6. HIGH EFFICIENCY MOTOR COMPATIBLE WITH VFD 7. DUAL BELT DRIVE - PROVIDE SPARE BELTS											

HVAC EQUIPMENT SOUND DATA SCHEDULE										
TAG	DYNAMIC INSERTION LOSS (Db) OCTAVE BAND FREQUENCY (HZ)								NOTES	
	1	2	3	4	5	6	7	8		
	63	125	250	500	1K	2K	4K	8K		
AHU-1NR	RADIATED	64	57	66	53	53	44	46	51	1
	DISCHARGE	69	62	78	68	69	54	64	63	1
	RETURN	65	57	66	57	54	54	50	52	1
EF-1NR	INLET	79	85	75	66	63	60	52	48	2
HVAC EQUIPMENT SOUND DATA SCHEDULE NOTES:										
1. BASED ON SCHEDULED AIR HANDLER										
2. BASED ON SCHEDULED EXHAUST FAN										

TRAP PRIMER SCHEDULE							
TAG	MODEL	INLET SIZE	MANIFOLD OUTLETS	CONNECTION	ELEC.	MOUNTING	NOTES
TP-1	P1-500	1/2"	1 4	1/2"	-	UPWARD TEE	1, 2, 3

TRAP PRIMER SCHEDULE NOTES:

1. BASED ON PRECISION PLUMBING PRODUCTS
2. WALL MOUNTED ABOVE CEILING
3. DISTRIBUTION UNIT REQUIRED TO SERVE MULTIPLE FLOOR DRAINS

PLUMBING PUMP SCHEDULE									
TAG	SERVS	MODEL	TYPE	GPM	HEAD FT	ELECTRICAL			NOTES
WP-1	BASEMENT	P682XLE41	PACKAGED DUPLEX WASTE PUMP	55	16	HP (2) 0.4	VOLT 115	PHASE 1	1, 2, 3, 4
<b>PLUMBING PUMP SCHEDULE NOTES:</b> 1. BASED ON LIBERTY PUMPS 2. 10" POWER CORD 3. PDC DUPLEX PUMP CONTROLLER 4. 46 GALLON REINFORCED BASIN + VERTICAL BASIN EXTENSION									

PLUMBING FIXTURE SCHEDULE							
TAG	DESCRIPTION	HW	CW	TRAP	WASTE	VENT	NOTES
WC-1	ADA - WALL MOUNTED WATER CLOSET	-	1-1/2"	3"	4"	2"	
LAV-1	ADA - WALL MOUNTED LAVATORY	1/2"	1/2"	1-1/4"	1-1/2"	1-1/4"	
EW-1	ADA - WALL MOUNTED ELECTRIC WATER COOLER W/ BOTTLE FILL	-	1/2"	1-1/4"	1-1/2"	1-1/4"	SEE ARCH FOR INSTALLATION HEIGHT
FD-1	FLOOR DRAIN	-	-	2"	2"	2"	TRAP PRIMER CONNECTION

CONDENSING UNIT SCHEDULE										
TAG	SERVICE	MODEL	NOM. TONS	MBH	AMBIENT °F (DB / WB)	SST °F	EEF/SEER	REFG	REFG LBS	
CU-1	AHU-1NR	DCSA020	20	259.9	91 / 73	44	10.9 / 17.8	R-32	17.6 / 18.9	
FANS					COMPRESSORS					
TAG	QTY	FAN DIA	RPM	FLA (EA)	TYPE	QTY	NO. CIRCUITS		COMP. PER CIRCUIT	FLA (EA)
CU-1	4	24		4.2	SCROLL	2	2		1	43.5
ELECTRICAL				WEIGHT		PIPING CONNECTIONS		NOTES		
TAG	POWER	KW INPUT	MCA	MAX FUSE	LBS.	LIQUID	SUCTION			
CU-1	208/3/60	16.2	121.9	150	2,621	(2) 5/8"	(2) 1-3/8"		1, 2, 3, 4, 5	
AIR COOLED CONDENSING UNIT/ SCHEDULE NOTES: 1. BASED ON DAIKIN APPLIED 2. SINGLE POINT POWER WITH THRU-DOOR DISCONNECT SWITCH 3. FIELD POWERED 120V/20A SERVICE RECEPTACLE 4. REFRIGERANT SERVICE VALVES & COMPRESSOR BLANKETS 5. HAIL PROTECTION AND VANDAL GRID										

1	ADDENDUM #1	05/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE
		05.23.25
<p>WBRC INC. COM</p> <p>UNIVERSITY OF MAINE AT FORT KENT FOX AUDITORIUM RENOVATION</p> <p>23 UNIVERSITY DRIVE, FORT KENT, ME 04743</p> <p>PROJECT:</p> <p><b>MECHANICAL SCHEDULES</b></p> <p><u>SHEET TITLE:</u></p> <p>WBRC REVIT FILE:</p> <p>PROJECT No. 10302.002</p> <p>SCALE: 0" = 1"</p> <p>DESIGN: KOKJULR</p> <p>SHEET No. M-601</p> <p>DRAWN BY: SRJ</p> <p>CHECKED BY: AJR</p> <p>19 20 21</p> <p><small>C:\PWP\DWG\BIDD\10302\10302.MXD</small></p>		

NEW PANEL										LP-4									
VOLTAGE: 120/208 Wye										PHASES: 3									
225 A MCB										WIRE: 4									
TYPE:										LOCATION: STAGE 117									
MOUNTING: SURFACE										SUPPLY FROM: MDP-1									
SERVICE	P	BREAKER	AMP	NOTE	NO	A	B	C	NO	BREAKER	NOTE	AMP	P	SERVICE	NO	A	B	C	NO
LTG - AUDITORIUM 116 LOW CEILING DOWNLIGHTS	1	20 A	1		1	0.0	0.0		2	20 A	1		1	LTG - AUDITORIUM 116 STAGE ENTRY DOWNLIGHTS	2				2
LTG - AUDITORIUM 116 PENDANTS - WEST	1	20 A	3		3		0.8	0.4	4	20 A	1		4	LTG - AUDITORIUM 116 PENDANTS - CENTER	4				4
LTG - AUDITORIUM 116 PENDANTS - EAST	1	20 A	5		5				6	20 A	1		6	LTG - GENERAL STAGE LIGHTS	6			0.8	6
STAGE ELECTRIC - 1ST BAR	1	20 A	7		7	1.8	1.8		8	20 A	1		8	STAGE ELECTRIC - 2ND BAR	8				8
STAGE ELECTRIC - 1ST BAR	1	20 A	9		9		1.8	1.8	10	20 A	1		10	STAGE ELECTRIC - 2ND BAR	10				10
PATHWAY LIGHTING - AUDITORIUM 116 WEST	1	20 A	11		11			1.0	12	20 A	1		12	ADA DOOR OPERATOR - STAGE CORR	12			0.5	12
SPARE	1	20 A	13		13	0.0	0.0		14	20 A	1		14	SPARE	14				14
SPARE	1	20 A	15		15		0.0	1.8	16	20 A	1		16	PATHWAY LIGHTING EMERGENCY BACK-UP INVERTER	16				16
LIGHTING RELAY PANEL - STAGE 117	1	20 A	17		17			1.0	18	20 A	1		18	LIGHTING NET PANEL STAGE 117	18			1.0	18
ERNT-WALL STATION CONTROLL - STAGE 117	1	20 A	19		19	1.0	1.0		20	20 A	1		20	PROJECTION SCREEN - FRONT OF STAGE	20				20
FLOOR BOX - STAGE 117	1	20 A	21		21			0.4	22	20 A	1		22	REC - DRESSING 120	22			0.4	22
FLOOR BOX - STAGE 117	1	20 A	23		23				24	20 A	1		24	SPARE	24			0.4	24
FLOOR BOX - STAGE 117	1	20 A	25		25	0.4	0.0		26	20 A	1		26	SPARE	26				26
SPARE	1	20 A	27		27			0.0	28	20 A	1		28	SPARE	28			0.0	28
SPARE	1	20 A	29		29				30	20 A	1		30	SPARE	30			0.0	30
SPARE	1	20 A	31		31	0.0	0.0		32	20 A	1		32	SPARE	32				32
SPARE	1	20 A	33		33			0.0	34	20 A	1		34	SPARE	34			0.0	34
SPARE	1	20 A	35		35				36	20 A	1		36	SPARE	36			0.0	36
SPARE	1	20 A	37		37	0.0	0.0		38	20 A	1		38	SPARE	38				38
SPARE	1	20 A	39		39			0.0	40	20 A	1		40	SPARE	40			0.0	40
SPARE	1	20 A	41		41				42	20 A	1		42	SPARE	42			0.0	42
NOTES:										TOTAL PHASE LOAD:									
TOTAL CONN. LOAD:										19.0 kW									
TOTAL CONN. CURRENT:										53 A									
1. EXISTING CIRCUIT MOVED FROM EXTG PANEL TO NEW PANEL. CIRCUIT BREAKER TRIP TO MATCH EXTG.										5.									
2. NEW LOAD APPLIED.										6.									
3. EXISTING CIRCUIT MOVED FROM EXTG PANEL TO NEW PANEL. CIRCUIT BREAKER TRIP TO MATCH EXTG.										7.									
4. EXISTING CIRCUIT MOVED FROM EXTG PANEL WITH NEW LOAD. CIRCUIT BREAKER TRIP TO MATCH EXTG.										8.									

PANELBOARD GENERAL NOTES:

- ELECTRICAL CONTRACTOR TO VERIFY ALL EXISTING CIRCUITS THAT ARE BEING MOVED TO NEW PANELS AND ENSURE THEY ARE STILL TO BE ACTIVE. ANY CIRCUITS DETERMINED NOT TO BE MAINTAINED ARE TO HAVE CABLING REMOVED.
- ALL CIRCUITS BEING MOVED TO NEW PANEL ARE TO HAVE CIRCUIT BREAKER RATING TO MATCH EXISTING. EXISTING FIELD CONDITIONS BREAKER SIZED ARE TO BE USED IF THERE IS A DISCREPANCIES BETWEEN THE PANELBOARD SCHEDULES.

NEW PANEL										LP-2									
VOLTAGE: 120/208 Wye										PHASES: 3									
100 A MLO										WIRE: 4									
TYPE:										LOCATION: CORR. 102									
MOUNTING: FLUSH										SUPPLY FROM: MDP-1									
SERVICE	P	BREAKER	AMP	NOTE	NO	A	B	C	NO	BREAKER	NOTE	AMP	P	SERVICE	NO	A	B	C	NO
EXTG LOAD	1	20 A	1	1	0.0	0.0			2	1	100 A	2	1	KITCHEN SUB PANEL	2				2
EXTG LOAD	1	20 A	1	3			0.0	0.0	4	1	20 A	1	4	EXTG LOAD	4				4
EXTG LOAD	1	20 A	1	5					6	1	20 A	1	6	EXTG LOAD	6			0.0	6
EXTG LOAD	1	20 A	1	7	0.0	0.0			8	1	20 A	1	8	EXTG LOAD	8				8
EXTG LOAD	1	20 A	1	9			0.0	0.0	10	1	20 A	1	10	EXTG LOAD	10				10
EXTG LOAD	1	20 A	1	11					12	1	20 A	1	12	EXTG LOAD	12			0.0	12
EXTG LOAD	1	20 A	1	13	0.0	0.0			14	1	20 A	1	14	EXTG LOAD	14				14
EXTG LOAD	1	20 A	1	15			0.0	0.0	16	1	20 A	1	16	EXTG LOAD	16				16
EXTG LOAD	1	20 A	1	17					18	1	20 A	1	18	EXTG LOAD	18			0.0	18
EXTG LOAD	1	20 A	1	19	0.0	0.0			20	1	20 A	1	20	EXTG LOAD	20				20
EXTG LOAD	1	20 A	1	21			0.0	0.0	22	1	20 A	1	22	EXTG LOAD	22				22
EXTG LOAD	1	20 A	1	23					24	1	20 A	1	24	EXTG LOAD	24			0.0	24
EXTG LOAD	1	20 A	1	25	0.0	0.0			26	1	20 A	1	26	EXTG LOAD	26				26
EXTG LOAD	1	20 A	1	27			0.0	0.0	28	1	20 A	1	28	EXTG LOAD	28				28
SPARE	1	20 A	29		29			0.0	30	1	20 A	1	30	SPARE	30				30
SPARE	1	20 A	31		31	0.0	0.0		32	1	20 A	1	32	SPARE	32				32
SPARE	1	20 A	33		33			0.0	34	1	20 A	1	34	SPARE	34				34
SPARE	1	20 A	35		35				36	1	20 A	1	36	SPARE	36			0.0	36
SPARE	1	20 A	37		37	0.0	0.0		38	1	20 A	1	38	SPARE	38				38
SPARE	1	20 A	39		39			0.0	40	1	20 A	1	40	SPARE	40				40
SPARE	1	20 A	41		41				42	1	20 A	1	42	SPARE	42			0.0	42
NOTES:										TOTAL PHASE LOAD:									
TOTAL CONN. LOAD:										0.0 kW									
TOTAL CONN. CURRENT:										0 A									
1. EXTG CIRCUIT MOVED TO NEW PANEL. BREAKER TRIP TO MATCH EXTG.										5.									
2. NEW LOAD APPLIED.										6.									
3. EXTG CIRCUIT MOVED TO NEW PANEL. BREAKER TRIP TO MATCH EXTG.										7.									
4. EXTG CIRCUIT MOVED FROM EXTG PANEL WITH NEW LOAD. TRIP TO MATCH EXTG.										8.									

NEW PANEL						LP-3																							
VOLTAGE: 120/208 Wye						PHASES: 3						WIRE: 4						TYPE:						LOCATION: STAGE 117					
225 A MCB						SUPPLY FROM: MDP-1												MOUNTING: FLUSH											
SERVICE	P	BREAKER	AMP	NOTE	NO	A	B	C	NO	BREAKER	NOTE	AMP	P	SERVICE	NO	A	B	C	NO										
RECTACLE DRESSING 120	1	20 A	1	1	1.0	0.2			2	2	20 A	1	2	ROOFTOP REC - ROOF EF-1NR	2				2										
LTG - GREEN RM	1	20 A	1	3			0.1	0.1		4	1	20 A	1	4	LTG - GREEN RM	4			4										
LTG IN STOR RM, OUTSIDE RECTACLES	1	20 A	4	5				0.2	0.0	6	1	20 A	1	6	LTS IN CORRIDOR	6			6										
STUDENT LOUNGE EXHAUST FAN	3	0 A	1	7	0.0	0.0			8	1	20 A	1	8	SPARE	8				8										
				9			0.0	0.8			10	1	20 A	1	10	BASEMENT LIGHTS	10			10									
				11					0.0	0.0	12	1	20 A	1	12	REC ON FRONT OF STAGE, LOFT REC	12			12									
REC ON STAGE	1	20 A	1	13	0.0	0.0			14	1	20 A	1	14	REC INSIDE & OUTSIDE OF AUDITORIUM	14			14											
REC ON CONTROL BALCONY	1	20 A	1	15			0.0	0.0		16	1	20 A	1	16	REC ON CONTROL BALCONY	16			16										
REC IN REHERSAL RM & AUDITORIUM	1	20 A	1	17				0.0	0.0	18	1	20 A	1	18	REC IN GREEN ROOM	18			18										
REC IN CORR 2A & WATER COOLER	1	20 A	1	19	0.0	0.0			20	1	20 A	1	20	REC IN DRESSING ROOMS & STORAGE RM	20				20										
DRESSINGS ROOM REC	1	20 A	1	21			0.0	0.0		22	1	20 A	1	22	SPARE	22			22										
UNIT HEATER UH-1 - STAGE	1	20 A	2	23				0.2	0.0	24	1	20 A	1	24	REC IN GREEN RM	24			24										
REC LOUNGE	1	20 A	1	25	0.0	0.0			26	1	20 A	1	26	CIRCULATING PUMP	26				26										
BASEMENT STORAGE REC	1	20 A	1	27			0.0	0.0	28	1	20 A	1	28	UNKNOWN ACTIVE	28				28										
UNKNOWN ACTIVE	1	20 A	1	29				0.0	0.0	30	1	20 A	1	30	UNKNOWN ACTIVE	30			30										
UNKNOWN ACTIVE	3	0 A	1	31	0.0	0.0			32					SUB PANEL IN LOFT	3														
				33			0.0	0.0		34	1	0 A																	
				35				0.0	0.0	36																			
UNKNOWN ACTIVE	3	0 A	1	37	0.0	0.0			38				UNKNOWN ACTIVE	3															
				39			0.0	0.0		40	1	0 A																	
				41				0.0	0.0	42																			
TOTAL PHASE LOAD:					1.2 kW		0.9 kW		0.4 kW																				
NOTES:					TOTAL CONN. LOAD:		2.5 kW				TOTAL CONN. CURRENT:		7 A																
1. EXISTING CIRCUIT MOVED FROM EXGTG PANEL TO NEW PANEL. CIRCUIT BREAKER TRIP TO MATCH EXTG. 5.																													
2. NEW LOAD APPLIED. 6.																													
3. EXISTING CIRCUIT MOVED FROM EXGTG PANEL TO NEW PANEL. CIRCUIT BREAKER TRIP TO MATCH EXTG. 7.																													
4. EXGTG CIRCUIT MOVED FROM EXGTG PANEL WITH NEW LOAD. CIRCUIT BREAKER TRIP TO MATCH EXGTG. 8.																													



GENERAL COMMUNICATIONS NOTES:

1. CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS, ETC., TO COMPLETE THE INTENT OF THE PROPOSED TELECOMMUNICATIONS SYSTEM INCLUDING COORDINATION WITH THE OWNER OR CONSULTANTS AS REQUIRED.
2. CONTRACTOR SHALL PROVIDE A CABLE MANAGEMENT SYSTEM FOR ALL SERVICES AS REQUIRED. ALL CABLES SHALL BE RUN NEATLY, PROPERLY BOUND, SEPARATE BOUND COLOR CODE AND IN AN ORTHOGONAL MANNER. DIAGONAL RUNS WILL NOT BE ALLOWED.
3. CONTRACTOR SHALL PROVIDE POWER CONNECTIONS FOR ALL SYSTEMS AND SHALL COORDINATE THE CONNECTIONS WITH EACH CONTRACTOR/VENDOR.
4. CONTRACTOR SHALL PROVIDE ALL DATA JACKS, CABLE CONDUITS, AND FACE PLATES FOR THE WORK AREA OUTLETS.
5. CONTRACTOR SHALL PROVIDE ALL INSIDE PATHWAYS TO INCLUDE BUT NOT LIMITED TO: BACK BOXES, TRIM RINGS, CONDUITS, WITH PROTECTIVE BUSHINGS, CABLE TRAYS, J-HOOKS AND OTHER CABLE MANAGEMENT SYSTEMS AS REQUIRED BY THE OWNER.
6. CONTRACTOR SHALL PROVIDE ALL TELECOMMUNICATION DVICE AND CABLING FROM THE WORK AREA OUTLETS TO THE PATCH PANEL, PUNCH DOWN AND TEST ALL CABLES TO MEET THE OWNER REQUIREMENTS.
7. CONTRACTOR SHALL PROVIDE TEST REPORTS OF ALL CABLES TO THE OWNER FOR VERIFICATION.
8. ALL HORIZONTAL COPPER CABLING SHALL BE CAT5E AND COLOR CODED BY SYSTEM. NOT MORE THAN (2) CABLES PER 3/4" CONDUIT. CONTRACTOR SHALL INCREASE CONDUIT SIZE AS REQUIRED FOR THE NUMBER OF CABLES REQUIRED.
9. CABLE AND PROTECTIVE CONDUIT BUSHINGS COLOR CODE SHALL MEET THE OWNERS REQUIREMENTS AS FOLLOWS:  
A. VOICE - YELLOW  
B. DATA -  
C. OTHER -
10. PROVIDE A MINIMUM OF 6' OF SLACK CABLE AT EACH JACK LOCATION AND 15' OF SLACK CABLING AT THE SERVER/RACK SYSTEMS. CONTRACTOR SHALL LABEL ALL CABLING AT THE JACK AND THE SERVER/RACKS. CONTRACTOR RESPONSIBLE FOR REWORK OF MIS-LABELED CABLING.
11. CONTRACTOR SHALL INSTALL ALL CABLING TO MEET THE EIA/TIA STANDARDS.
12. CONTRACTOR SHALL COORDINATE WITH THE LOCAL SYSTEMS PROVIDERS AS REQUIRED.
13. ALL TELECOMMUNICATIONS WORK SHALL MEET THE OWNERS REQUIREMENTS OUTLINED IN THE COMMUNICATIONS SPECIFICATION SECTION 27 00 00.

GENERAL FIRE ALARM NOTES:

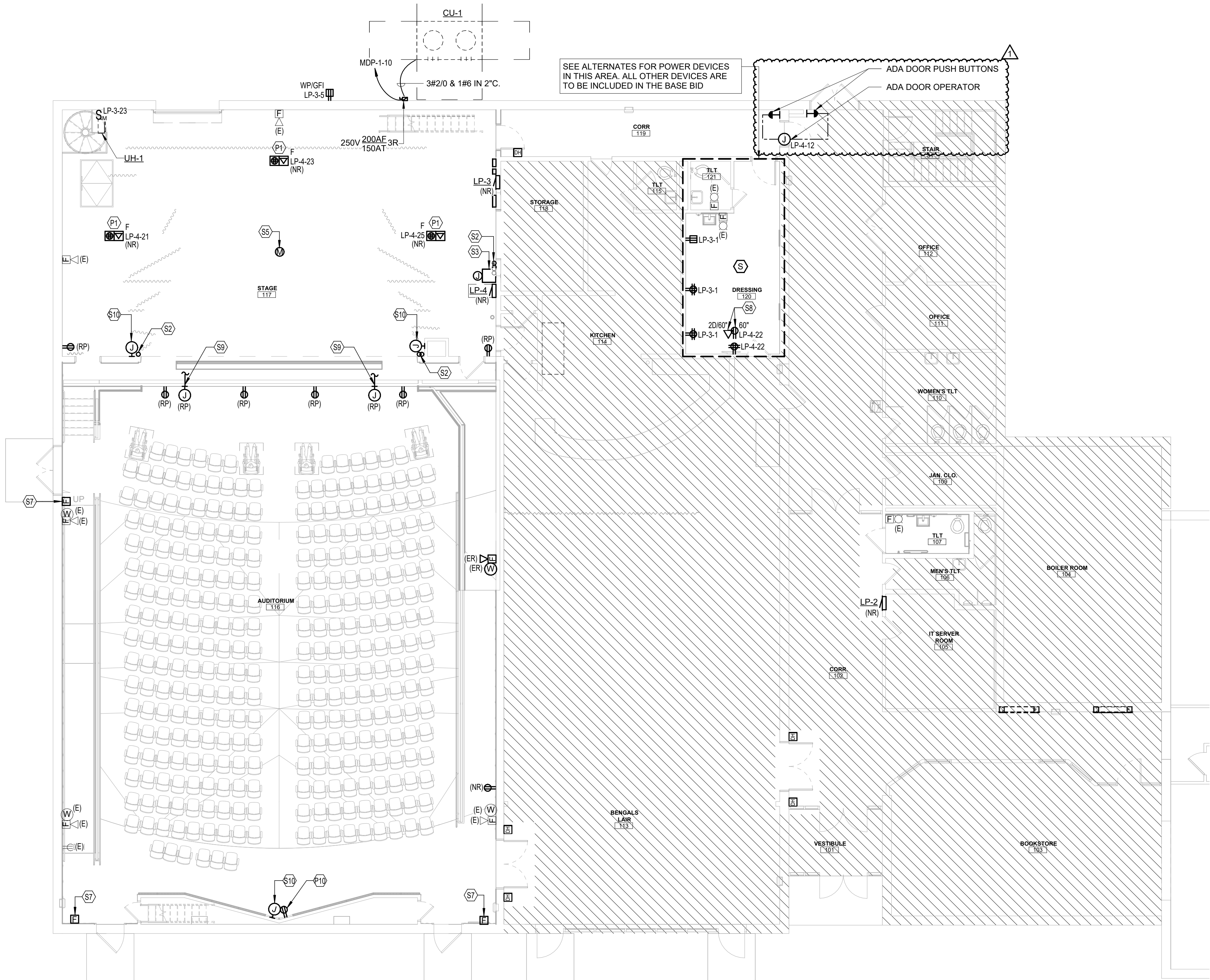
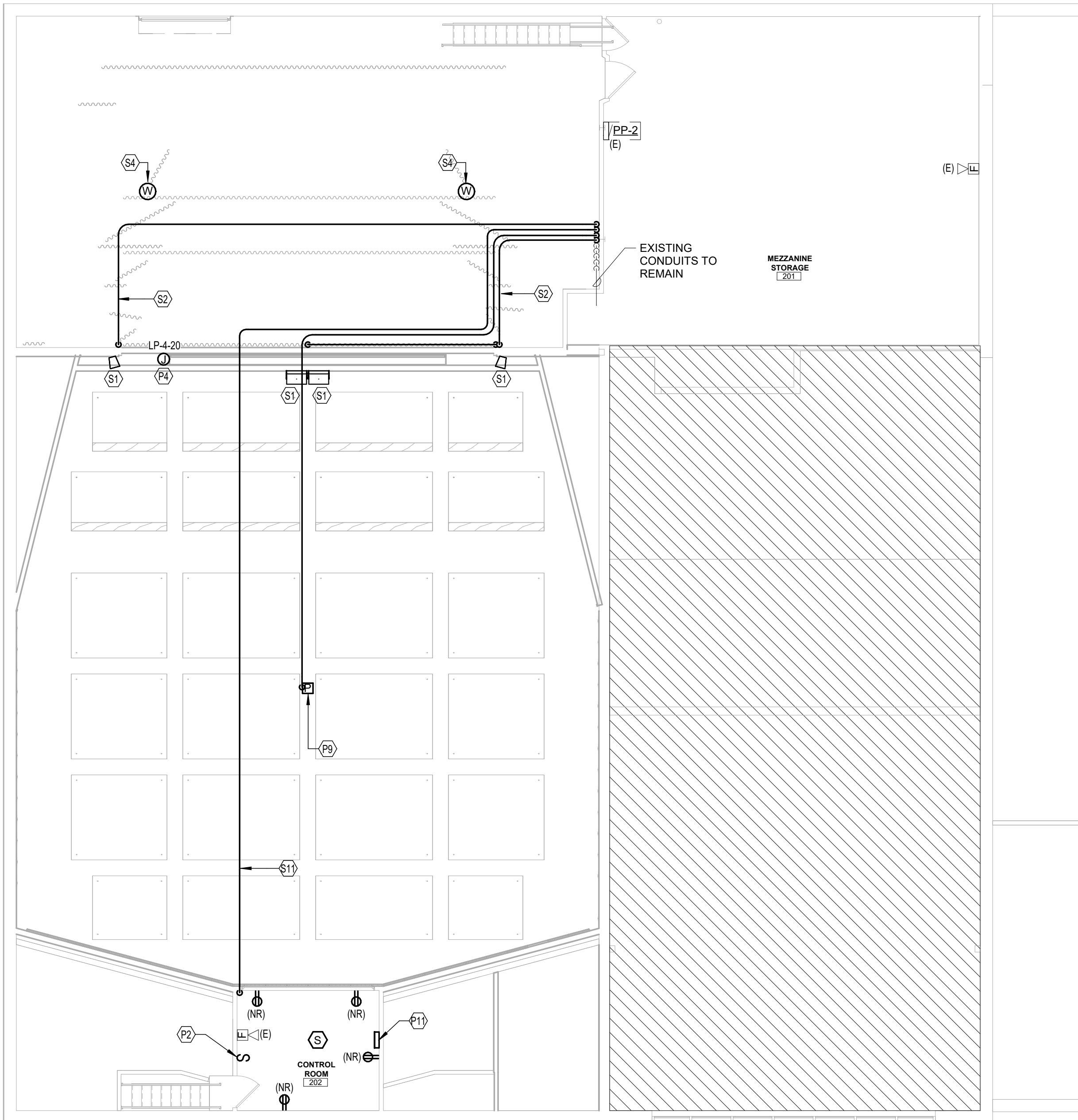
1. CONTRACTOR SHALL PROVIDE ALL FIRE ALARM EQUIPMENT TO EXTEND THE SYSTEM FROM THE MAIN PANEL THAT IS COMPATIBLE AND APPROVED BY THE UNIVERSITY.
2. PROVIDE #16 AWG MINIMUM WIRING FOR ALL SIGNAL AND INITIATION DEVICES.
3. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR AND PARALLEL TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION. NO ADDITIONAL COST TO THE OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO LACK OF COORDINATION WITH THE ARCHITECT.
4. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN POURED CONCRETE, PRE-CAST CONCRETE, MASONRY AND GYP. WALLS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT QUANTITY AND LOCATIONS OF ALL FIRE SPRINKLER SYSTEM TAMPER AND FLOW SWITCHES WITH CONSTRUCTION MANAGER AND FIRE PROTECTION PRIOR TO BID. CONNECT ALL TAMPER AND FLOW SWITCHES TO FIRE ALARM SYSTEM.
6. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND QUANTITY OF ALL DUCT TYPE SMOKE DETECTORS WITH MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL HARD WIRE TO RELAY STARTER.
7. PROVIDE (1) DUCT TYPE SMOKE DETECTORS FOR EACH FAN COIL UNIT, AIR HANDLING UNIT, SUPPLY FAN, AND HEAT PUMP OF 2,000 CFM AND GREATER. PROVIDE (2) DUCT TYPE SMOKE DETECTORS FOR EACH FAN COIL UNIT, AIR HANDLING UNIT, HEAT PUMP AND SUPPLY FAN OF 15,000 CFM AND GREATER.
8. PROVIDE CONNECTION OF FA SYSTEMS TO ALL MAGNETIC DOOR HOLD-OPEN DEVICES TO AUTOMATICALLY CLOSE DOORS (INCLUDING OVERHEAD STORAGE DOORS) DURING ALARM CONDITIONS.
9. DEVICES INDICATED ON FIRE ALARM ONE-LINE ARE FOR REFERENCE ONLY. REFER TO PLAN DRAWINGS AND SPECIFICATIONS FOR QUANTITIES. REFER TO ARCHITECTURAL DOOR SCHEDULE FOR MAGNETIC DOOR HOLDER AND BLOW OPEN DOOR REQUIREMENTS.
10. PROVIDE DUCT DETECTOR AND FIRE ALARM RELAY MODULE FOR EVERY FIRE-SMOKE DAMPER. LOCATE DUCT DETECTOR WITHIN FIVE FEET OF FIRE-SMOKE DETECTOR.
11. ALL VISUAL DEVICES SHALL BE SYNCHRONIZED.
12. PROVIDE A RELAY MODULE AT ALL LOCAL FIRE SUPPRESSION SYSTEMS FOR GREASE EXHAUST HOODS IN FOOD SERVICE AREAS.
13. PROVIDE FIRE ALARM RELAY MODULE AT EACH FIRE-SMOKE DAMPER FOR DAMPER POSITION INDICATION IF REQUIRED BY THE AHJ.
14. PROVIDE MANUAL PULL STATIONS PER NFPA 72.

GENERAL POWER NOTES:

1. DESIGN INTENT IS FOR ALL RECEPTACLES IN AUDITORIUM TO BE REPLACED WITH NEW DEVICE AND FACEPLATE, SHOWN OR NOT SHOWN.

KEYNOTES

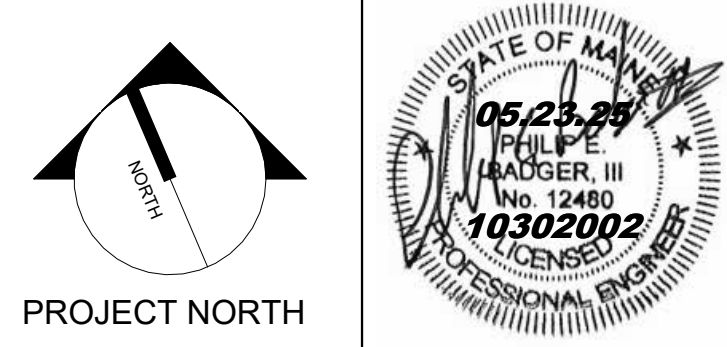
- | #   | NOTES:  |
|-----|---|
| P1  | PROVIDE A FLUSH FLOOR BOX WITH QUAD POWER AND AV CABLE PASS-THROUGH COMPARTMENT. FIELD COORDINATE BOX SIZE WITH REMOVED FLOOR BOX BEFORE SUBMITTING. FINISH TO BE DETERMINED BY THE ARCHITECT. FLOOR BOX TO HAVE DURABLE METALLIC COVER AND SHALL BE FLUSH MOUNTED.   |
| P2  | CONTROL STATION FOR NEW PROJECTION SCREEN.  |
| P4  | POWER CONNECTION FOR NEW PROJECTION SCREEN. CONNECTIONS TO NEW AV RACK AT STAGE AND CONTROL ROOM. POWER AND CONTROLS CONDUITS AND CABLING TO BE PROVIDED UNDER BASE BID TO PROJECTION SCREEN LOCATION. SEE ALTERNATES FOR PROJECTION SCREEN.  |
| P9  | PROJECTOR WITH 1-1/2" CONDUIT FOR AV CONNECTIONS BACK TO AV RACK. PROVIDE 3/4" CONDUIT FOR POWER CONNECTION BACK TO THE POWER SOURCE. REFER TO ALTERNATES FOR PROJECTOR INFORMATION. BASE BID IS TO PROVIDE CONDUITS AND INFRASTRUCTURE FOR PROJECTOR TO BE INSTALLED AT A LATER DATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS TO CONFIRM MOUNTING DISTANCE LOCATION FOR PROJECTOR ALONG WITH VERTICAL PLACEMENT. COORDINATE WITH LIGHTING AND DIFFUSER LOCATIONS AND ENSURE PROJECTOR IS WITHIN OPTIMAL RANGE. |
| P10 | CONNECT TO THE NEAREST RECEPTACLE CIRCUIT WITH AVAILABLE CAPACITY.  |
| P11 | AMP RACK.   |
| S1  | NEW THEATRICAL SPEAKERS. REFER TO A5/E-501 FOR MORE INFORMATION. FINAL SPEAKER PLACEMENT AND MOUNTING LOCATIONS DETERMINED BY AV INSTALLER.   |
| S2  | 2" CONDUIT FROM AV RACK TO STAGE SPEAKER LOCATIONS. CONDUITS TO BE CONCEALED. COORDINATE EXACT ROUTING WITH OTHER TRADES AND SPEAKER LOCATIONS PRIOR TO INSTALLATION.   |
| S3  | AV RACK R1. REFER TO A5/E-501 FOR MORE INFORMATION.   |
| S4  | WIRELESS ACCESS PORT TO CONNECT BACK TO STAGE AV RACK.  |
| S5  | MICROPHONE PORT TO CONNECT BACK TO STAGE AV RACK. MICROPHONE TO CONNECT TO USER HEADSETS. AV PACKAGE TO INCLUDE (2) ASSISTED COMMUNICATION DEVICES THAT CONNECT TO THEATER AUDIO SYSTEM.  |
| S7  | NEW FIRE ALARM PULL STATION TO BE MOUNTED TO MEET ADA. REPLACE EXISTING CABLING AS NECESSARY AND RUN NEW IN WALL. THE LOCATION WHERE REMOVED SHOULD BE PATCHED.   |
| S8  | POWER AND DATA DEVICES FOR MONITOR CAMERA AND AUDIO FEED AS PART OF BASE BID. CONNECTIONS TO GO BACK TO NEW AV RACK. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.  |
| S9  | 1-1/2" CONDUIT FOR HDMI TO RUN FROM STAGE AV RACK TO FRONT OF STAGE. REFER TO E48/E101 FOR ADDITIONAL INFORMATION.  |
| S10 | 1-1/2" CONDUIT FOR HDMI TO RUN OVERHEAD BACK TO STAGE AV RACK.  |
| S11 | 1" CONDUIT FROM CONTROL BOOTH TO NEW STAGE AV RACK. PROVIDE (3) CAT 6 CABLES TO RUN BETWEEN LOCATIONS.  |



A1 MEZZANINE POWER AND SYSTEMS PLAN

A8 FIRST FLOOR POWER AND SYSTEMS PLAN

1	ADDENDUM #1	05/23/2025
0	ISSUED FOR BID	05/02/2025
REV.	DESCRIPTION	DATE



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WBRCINC.COM

UNIVERSITY OF MAINE AT FORT KENT  
FOX AUDITORIUM RENOVATION

PROJECT: 23 UNIVERSITY DRIVE  
FORT KENT, ME 04743

FIRST FLOOR AND MEZZANINE  
POWER AND SYSTEMS PLANS

SHEET TITLE:	UMFK FOX AUD_ELEC R24-10302002
WBRC REVIT FILE:	10302002
PROJECT No.	As indicated
SCALE:	GRAPHIC SCALE 0" = 1"
PICTORIAL:	KCKJLR
DRAWN BY:	KRM
CHECKED BY:	PEB
SHEET No.	EP101