



NORR

150 W. JEFFERSON AVENUE., SUITE 1300
DETROIT, MI, US 48226
norr.com

WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US

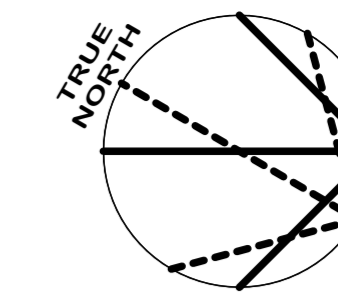
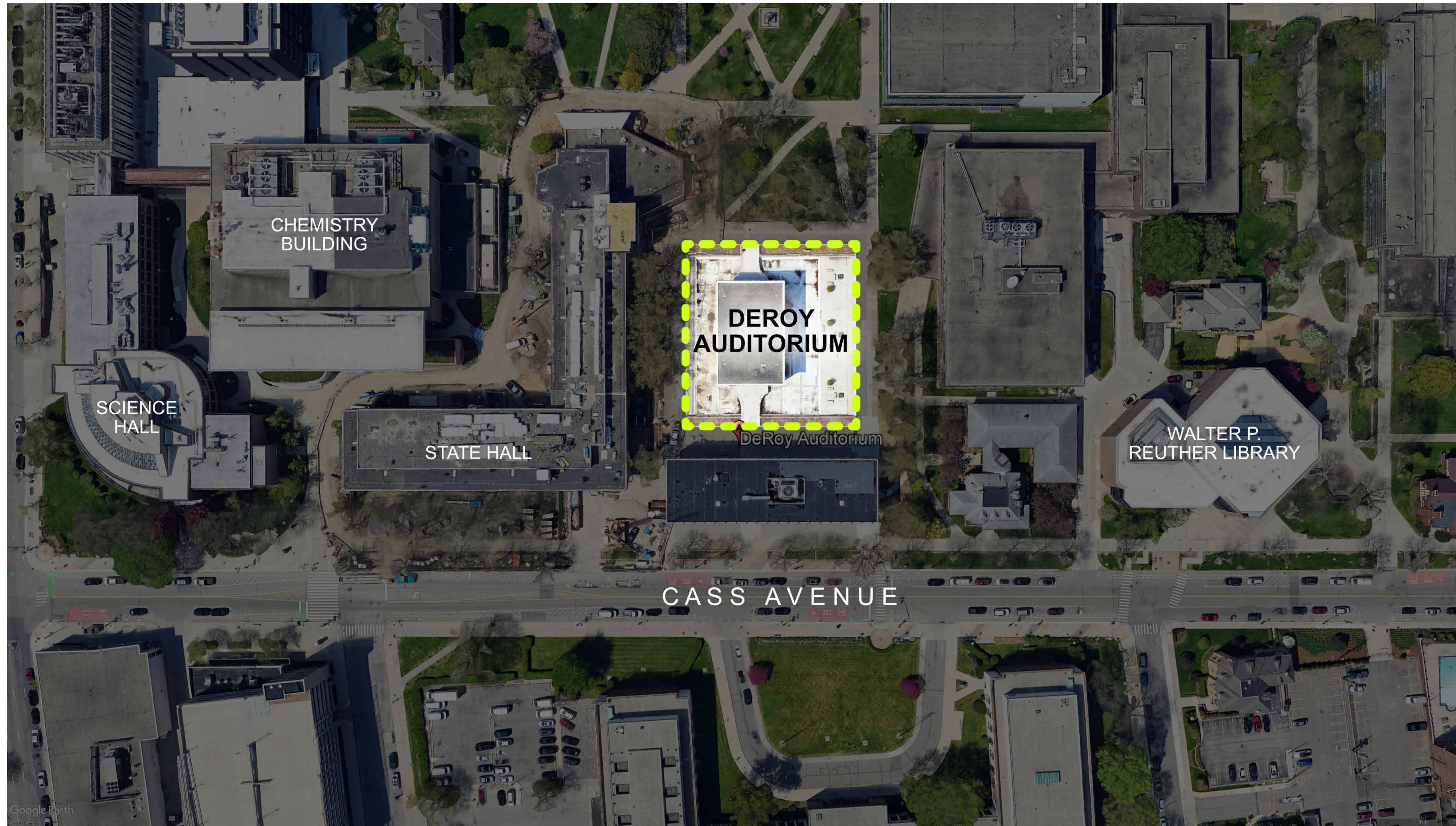


**WAYNE STATE
UNIVERSITY**

NORR PROJECT NUMBER: ED2024-0062

2024-07-03_ISSUED FOR BID AND BUILDING PERMIT

ARCHITECTURE NORR 150 W. JEFFERSON AVE., SUITE 1300, DETROIT, MI, UNITED STATES, 48226 T 313 324 3100	STRUCTURAL NORR 150 W. JEFFERSON AVE., SUITE 1300, DETROIT, MI, UNITED STATES, 48226 T 313 324 3100	AV / TECHNOLOGY HEAPY 1400 W. DOROTHY LANE DAYTON, OHIO 45409 T 317-571-8795	
MECHANICAL NORR 150 W. JEFFERSON AVE., SUITE 1300, DETROIT, MI, UNITED STATES, 48226 T 313 324 3100	ELECTRICAL NORR 150 W. JEFFERSON AVE., SUITE 1300, DETROIT, MI, UNITED STATES, 48226 T 313 324 3100	INTERIORS NORR 150 W. JEFFERSON AVE., SUITE 1300, DETROIT, MI, UNITED STATES, 48226 T 313 324 3100	



DRAWING LIST - ARCHITECTURAL

- A00-00 COVER SHEET
- A01-01 CONTEXT MAP, DRAWING LISTS, LIST OF ALTERNATES
- A01-02 GENERAL NOTES, ABBREVIATIONS, SYMBOL LEGEND
- A02-01 LIFE SAFETY PLANS
- A10-01 BASEMENT DEMOLITION PLAN
- A10-02 FIRST FLOOR DEMOLITION PLAN
- A10-03 BASEMENT CEILING DEMOLITION PLAN
- A20-01 BASEMENT FLOOR PLAN
- A20-02 FIRST FLOOR PLAN
- A20-04 FINISHES PLANS
- A20-05 FURNITURE PLANS
- A20-06 FLOOR POWER INFEEED LAYOUT
- A60-01 INTERIOR ELEVATIONS - BASE BID
- A60-02 INTERIOR ELEVATIONS - ALTERNATES 3 & 4
- A70-01 PLAN AND SECTION DETAILS

DRAWING LIST - ELECTRICAL

- E01-01 DRAWING LIST & LEGENDS
- E10-01 POWER PLANS
- E10-02 MEZZANINE PLANS
- E40-01 TELECOMMUNICATIONS PLANS
- E60-01 PANEL SCHEDULES
- E80-01 ELECTRICAL DEMOLITION PLANS

DRAWING LIST - MECHANICAL

- M-1 GENERAL INFORMATION AND EXISTING CONDITIONS
- M-2 HVAC NEW WORK

DRAWING LIST - AV / TECHNOLOGY

- T00-01 LEGEND AND ABBREVIATIONS
- T10-01 BASEMENT DEMOLITION PLAN
- T10-02 FIRST FLOOR DEMOLITION PLAN
- T20-01 BASEMENT FLOOR PLAN
- T20-02 FIRST FLOOR PLAN
- T50-01 TECHNOLOGY DETAILS
- T50-02 AV SCHEMATIC - LOWER LEVEL
- T50-03 AV SCHEMATIC - UPPER LEVEL

PROJECT DESCRIPTION

THE PROJECT INVOLVES RENOVATING THE DEROY LOWER AND MAIN LEVEL AUDITORIUMS, WITH A SCOPE OF 4,000 SQUARE FEET ON THE FIRST FLOOR AND 3,400 SQUARE FEET ON THE LOWER FLOOR IN AN **EXISTING** BUILDING. THE WORK INCLUDES:

1. REMOVING AND REPLACING AUDITORIUM SEATING AND CARPET
2. INSTALLING NEW AUDIO-VISUAL EQUIPMENT
3. REMOVING AND REPLACING CEILING FINISHES
4. ELECTRIFYING NEW SEATING AND AISLE LIGHTING
5. REMOVING AND REPLACING ACOUSTIC WALL PANELING
6. COORDINATING OWNER SUPPLIED FIXED AUDIENCE SEATING MANUFACTURER

LOWER & MAIN LEVEL AUDITORIUM RENOVATION ALTERNATES

ALTERNATE #1: LOWER AND MAIN LEVEL AUDITORIUM: ANCILLARY WORK RELATED TO ELECTRIFICATION OF NEW FIXED SEATING AND NEW ELECTRICAL PANELS.

ADD: DEMOLITION: REMOVE THE EXISTING PLASTER CEILING IN THE LOWER-LEVEL AUDITORIUM TO RUN CONDUITS TO FIXED SEATING; CREATE POKE-THROUGHS AT THE MAIN LEVEL FLOOR SLAB AND TO RUN CONDUITS FROM MAIN INFEEED PANEL TO THE NEW PANEL LOCATIONS IN STORAGE ROOM PANELS A1 AND A2 AS INDICATED ON DRAWING SHEETS **A10-03 / A20-06 / A70-01 / E10-01**

NEW WORK: PATCH AND REPAIR THE PLASTER CEILING IN THE LOWER-LEVEL AUDITORIUM TO MAKE IT GOOD AND RECEIVE NEW PAINT FINISH AS INDICATED IN THE DRAWINGS **A10-03**

ADD: DEMOLITION: REMOVE EXISTING PLASTER FURRING WALL ON THE NORTH AND SOUTH WALLS AT LOWER LEVEL TO RUN CONDUITS TO THE NEW FIXED SEATING AS INDICATED ON DRAWING SHEET **A10-01**

NEW WORK: PATCH AND REPAIR PLASTER NORTH AND SOUTH WALLS AFTER RUNNING CONDUITS TO THE NEW FIXED SEATING AT LOWER LEVEL AS INDICATED ON DRAWING SHEET **A10-01**

ADD: DEMOLITION: CHIP & REMOVE EXISTING CONCRETE FLOOR SUBSTRATE FOR INSTALLATION OF NEW 1/2" DIAMETER EMBEDDED CONDUIT ON LOWER LEVEL AS INDICATED ON DRAWING SHEETS **A10-01 / A20-06 / A70-01**

NEW WORK: INFILL CONCRETE AT ELECTRICAL CONDUIT ROUTING LOCATIONS ON LOWER LEVEL AUDITORIUM AS INDICATED ON DRAWING SHEETS **A10-01 / A20-06 / A70-01**

ADD: ELECTRICAL JUNCTION BOXES AND EMPTY CONDUITS WITH PULL STRINGS LOCATED IN WALLS AND CEILING FOR ELECTRIFICATION OF NEW SEATING AT LOWER-LEVEL AUDITORIUM AS INDICATED ON DRAWING SHEETS **A10-01 / A10-03 / A20-06 / A60-01 / A70-01 / E10-01**

ADD: CORING (POKE-THROUGHS) OF THE EXISTING MAIN LEVEL AUDITORIUM CONCRETE FLOOR SLAB FOR THE ELECTRIFICATION OF FIXED SEATING AS INDICATED ON DRAWING SHEETS **A10-02 / A20-06 / A70-01 / E10-01**

ADD: ELECTRICAL JUNCTION BOXES AND EMPTY CONDUITS WITH PULL STRINGS ABOVE LOWER LEVEL AUDITORIUM CEILING FOR ELECTRIFICATION OF NEW SEATING AT MAIN-LEVEL AUDITORIUM AS INDICATED ON DRAWING SHEET **A10-03 / E10-01**

ADD: ELECTRICAL JUNCTION BOXES AND EMPTY CONDUITS WITH PULL STRINGS ABOVE LOWER LEVEL AUDITORIUM CEILING FROM MAIN INFEEED PANEL TO THE NEW PANEL LOCATIONS IN STORAGE ROOM PANELS A1 AND A2 FOR ELECTRIFICATION OF NEW SEATING AT MAIN-LEVEL AUDITORIUM AS INDICATED ON DRAWING SHEET **A10-03 / E10-01**

ALTERNATE #2: LOWER AND MAIN LEVEL AUDITORIUM: POWERING OF NEW FIXED SEATING

ADD: PROVIDE POWER, ELECTRICAL PANELS, WIRING AND FINAL POWER CONNECTIONS FOR THE ELECTRIFICATION OF NEW FIXED SEATING ON BOTH AUDITORIUMS AS INDICATED ON DRAWING SHEET **E10-01**. MUST INCLUDE ALTERNATE #1 IN ALTERNATE PRICE #2.

ALTERNATE #3: LOWER LEVEL AUDITORIUM: ACOUSTIC WALL PANELING AT NORTH AND SOUTH WALLS

BASE BID: PATCH AND REPAIR THE EXISTING PLASTER, PRIME AND PAINT THE ENTIRE NORTH, SOUTH, AND WEST WALLS AS INDICATED ON DRAWING SHEETS **A20-04 / A60-01**

ADD: INSTALL NEW ACOUSTIC WALL PANELING WOOD ENCLOSURE TRIM ON 2 1/2" METAL STUD FURRING WITH 2" THICK (ROCKWOOL) ACOUSTIC ABSORBER INSULATION AS INDICATED ON THE DRAWING SHEET **A60-02**. COORDINATE WITH AV AND ELECTRICAL DRAWINGS FOR THE LOCATIONS OF NEW DEVICES AND ROUTING OF WIRING.

ALTERNATE #4: MAIN LEVEL AUDITORIUM: ACOUSTIC WALL PANELING AT NORTH, SOUTH AND EAST WALLS

BASE BID: EXISTING ACOUSTIC WALL PANELING ON NORTH, SOUTH, AND EAST WALLS WILL REMAIN. PRIME AND PAINT EXISTING ACOUSTIC WALL PANELING, AND COORDINATE WITH AV AND ELECTRICAL DRAWINGS FOR THE LOCATIONS OF RACEWAYS, NEW DEVICES AND ROUTING OF WIRING AS INDICATED ON DRAWING SHEETS **A20-04 / A60-01 / T20-02**

ADD: DEMOLITION: EXISTING ACOUSTIC WALL PANELING AND WOOD TRIMS AS INDICATED ON DRAWING SHEETS **A10-02 / A70-01**

NEW WORK: INSTALL NEW ACOUSTIC WALL PANELING AND WOOD TRIM (PRIMED AND PAINTED) ON THE NORTH, SOUTH, AND EAST WALLS AS INDICATED ON DRAWING SHEETS **A10-02 / A60-02 / A70-01** COORDINATE WITH AV AND ELECTRICAL DRAWINGS FOR THE LOCATIONS OF NEW DEVICES AND ROUTING OF WIRING AS INDICATED ON DRAWING SHEETS **A60-01 / A60-02 / T20-02**

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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Project Component

Key Plan

Consultants

Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 AV/Technology: HEAPPY

Seal(s)



NORR

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Project Manager Valentino Mancini	Drawn Cem Muyan
Project Leader Cherique Menard	Checked Valentino Mancini

Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

Detroit, Michigan, US

Drawing Title
CONTEXT MAP, DRAWING LISTS, LIST OF ALTERNATES

Scale

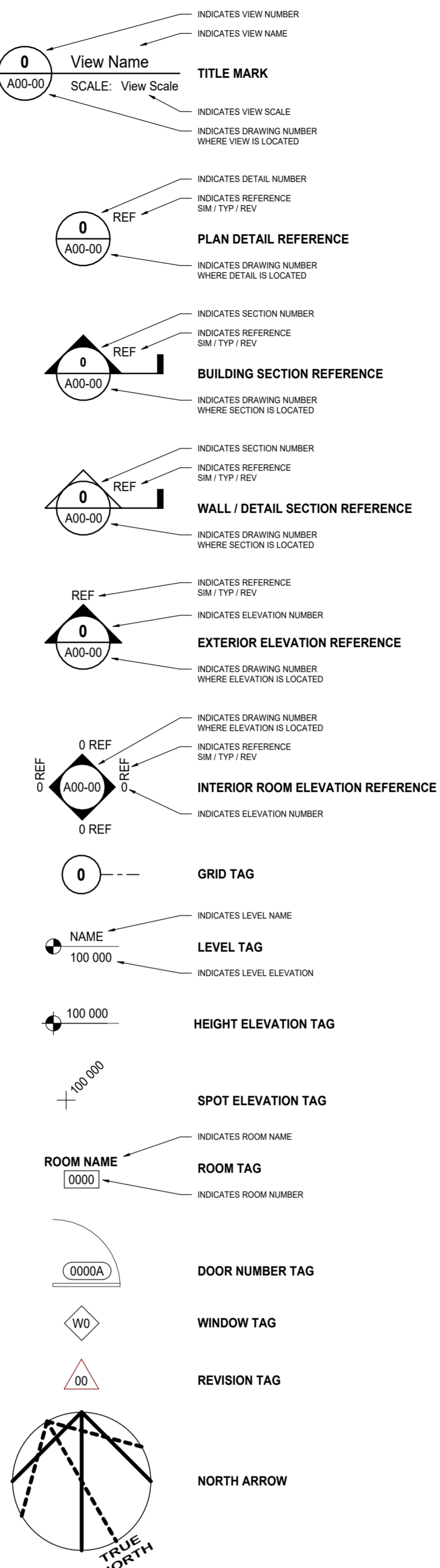
Project No.
ED2024-0062

Drawing No.
A01-01

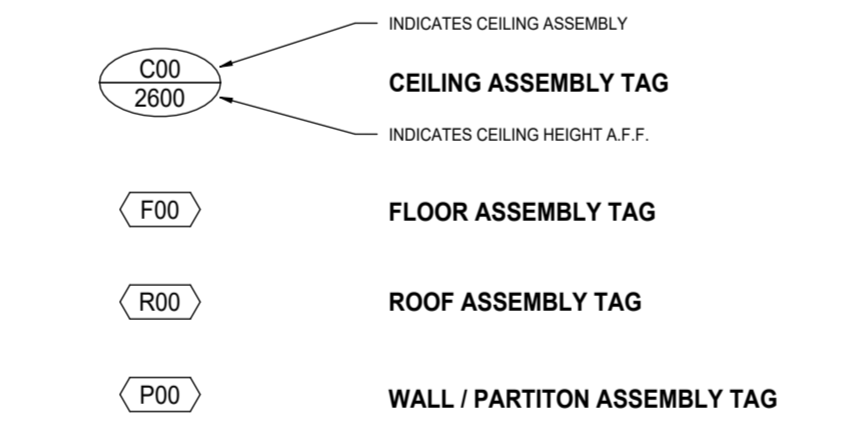
ABBREVIATIONS

Table of abbreviations organized by letter (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z). Includes terms like ANCHOR BOLT, FIRE ALARM, BULLETIN BOARD, etc.

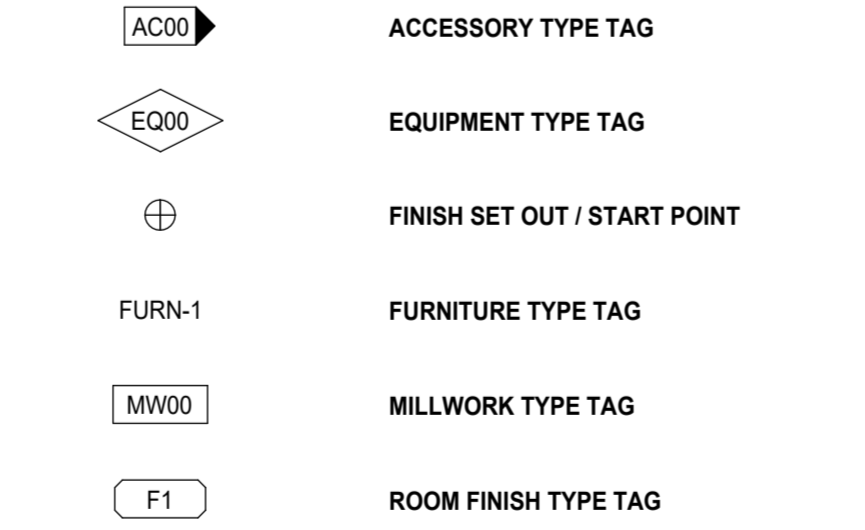
ANNOTATION SYMBOLS



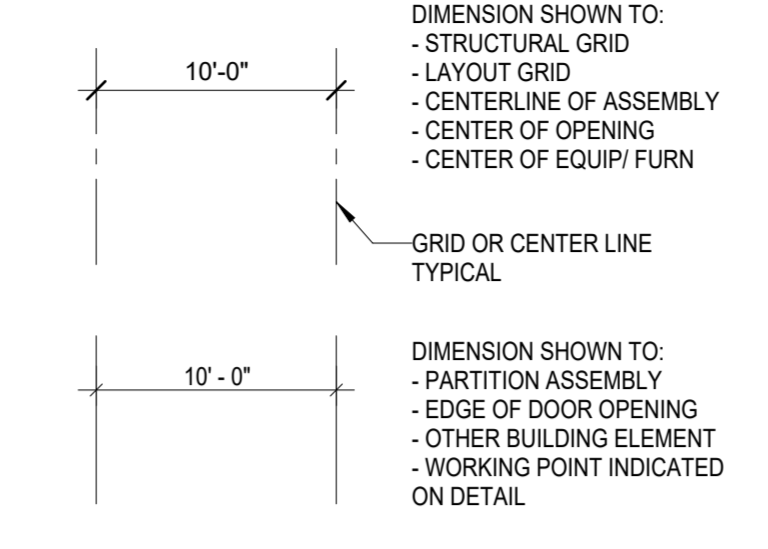
ASSEMBLY SYMBOLS



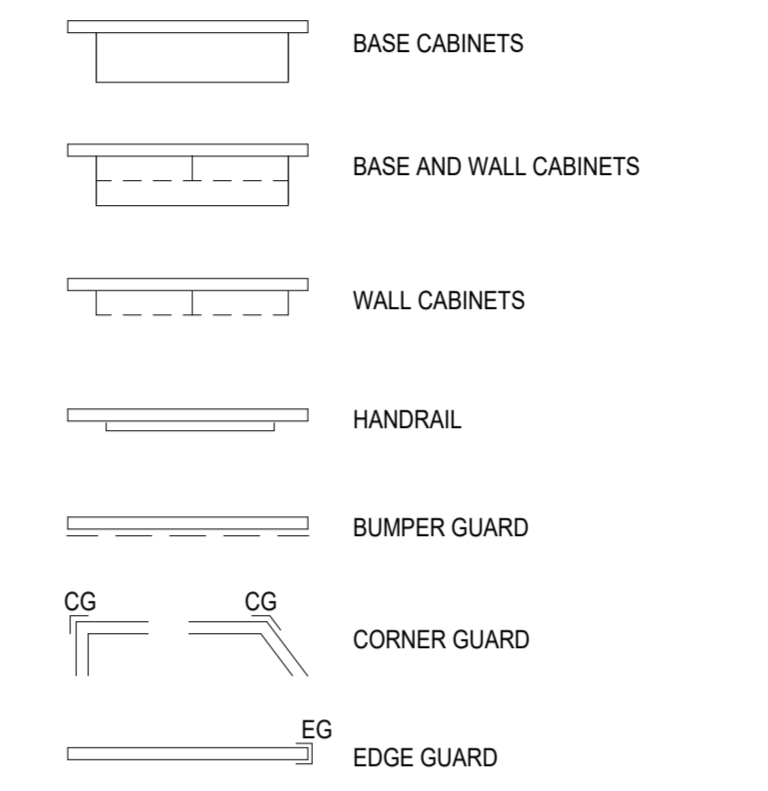
FINISHES SYMBOLS



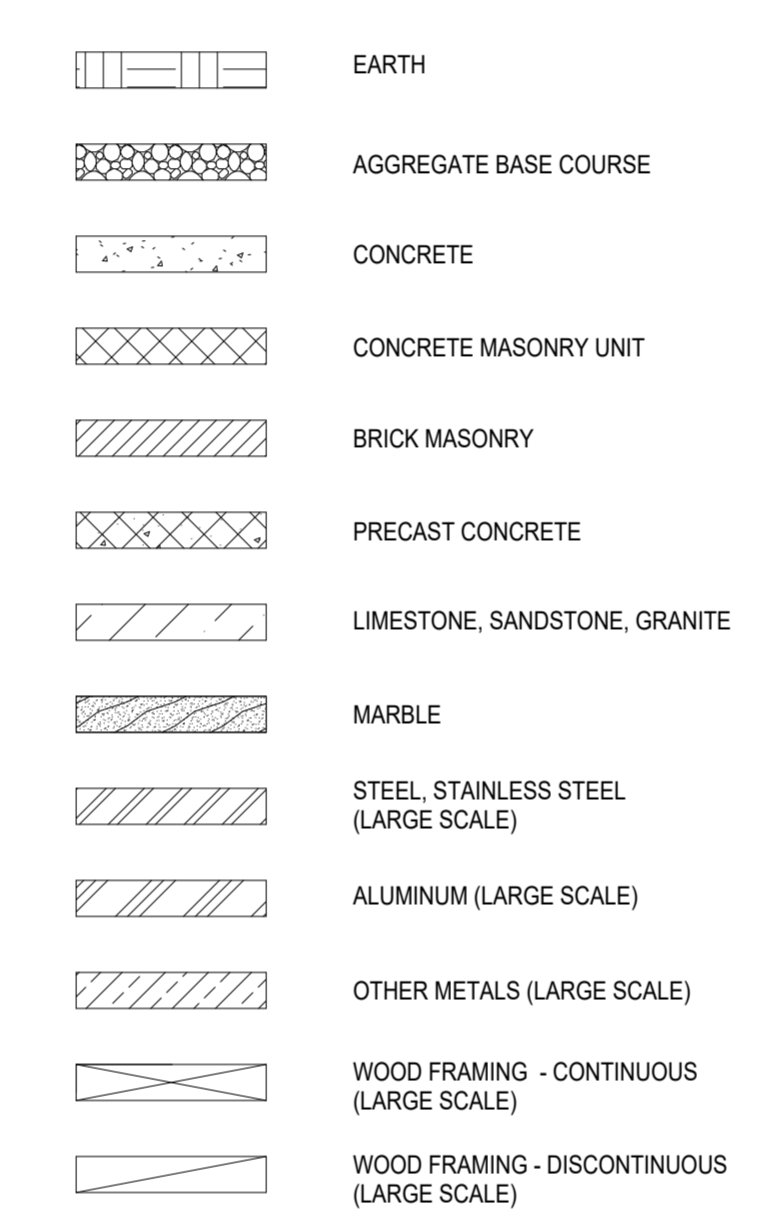
DIMENSION SYMBOLS



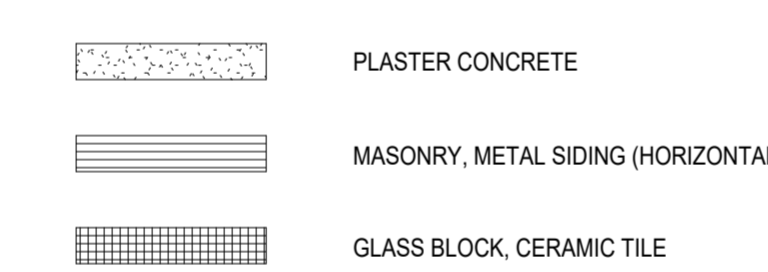
GENERAL SYMBOLS



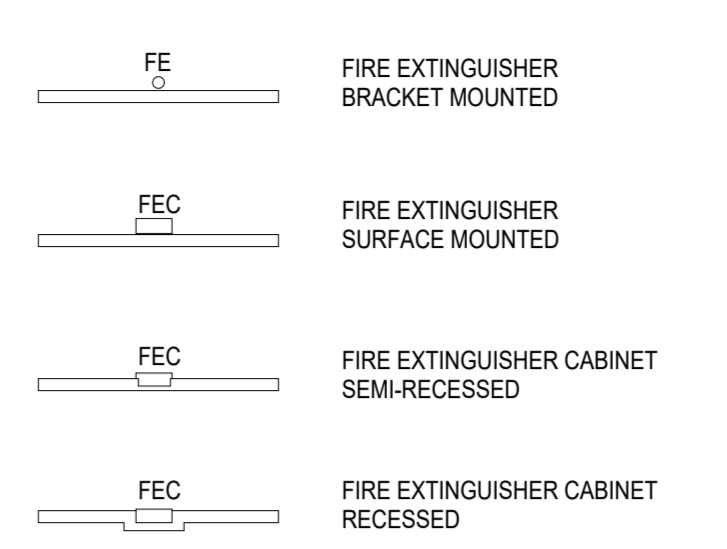
PLAN AND SECTION



ELEVATION



FIRE EXTINGUISHER SYMBOLS



PLUMBING SYMBOLS

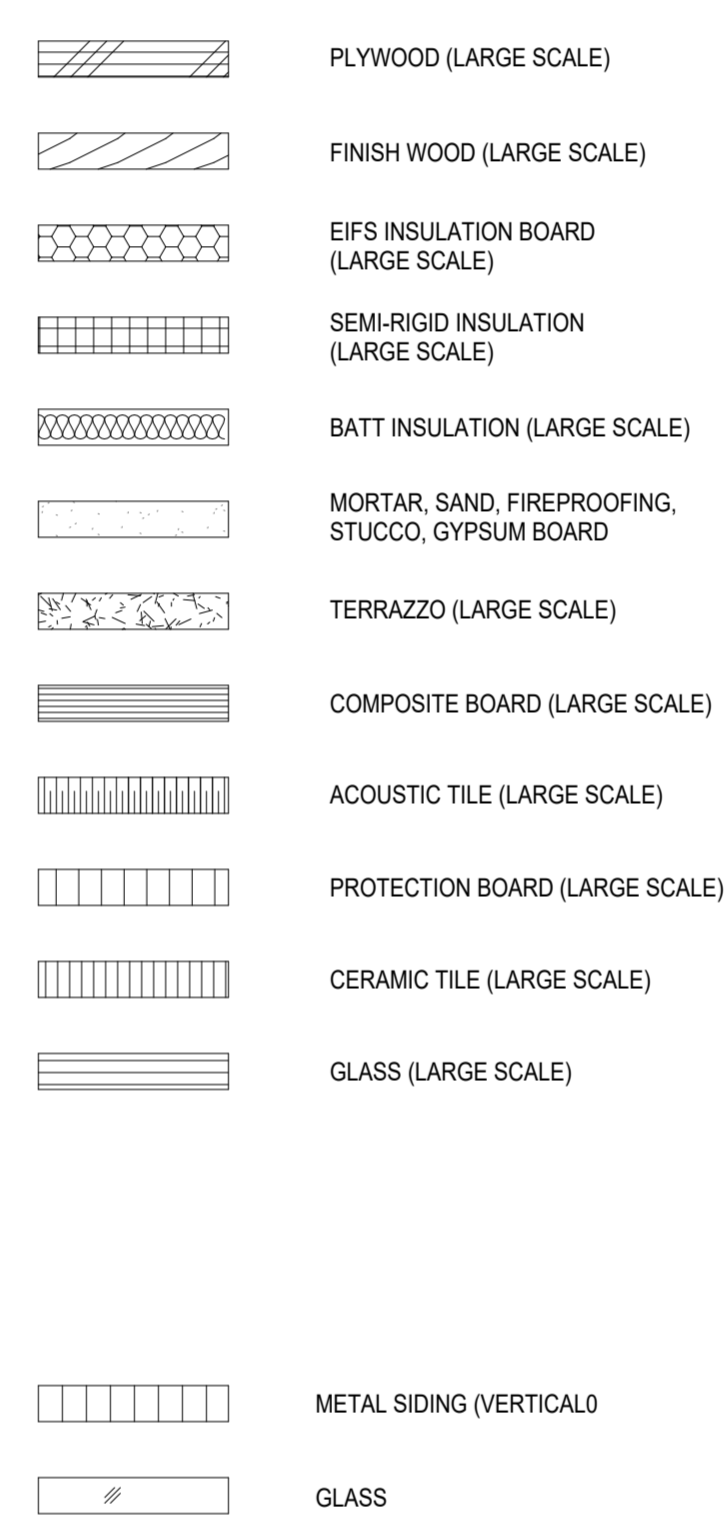
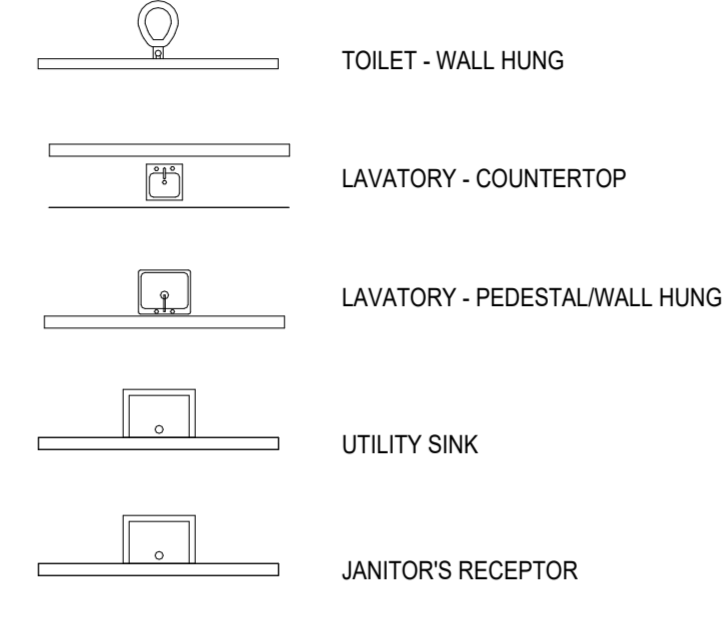


Table with columns DATE, ISSUED FOR, REV. Shows dates 2024-06-13 and 2024-07-03 with corresponding revision descriptions.

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Table with columns Project Component, Key Plan. Lists project components and key plan items.

Table with columns Consultants. Lists architectural, structural, mechanical, electrical, interior, and AV/technology consultants.

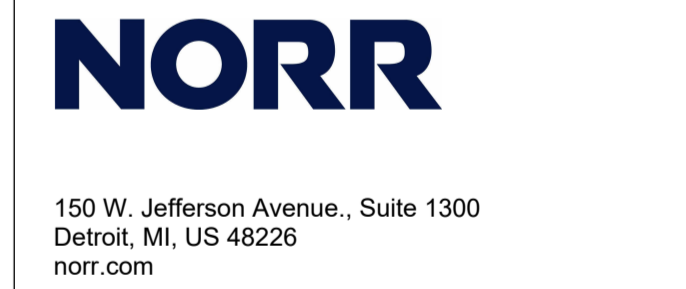
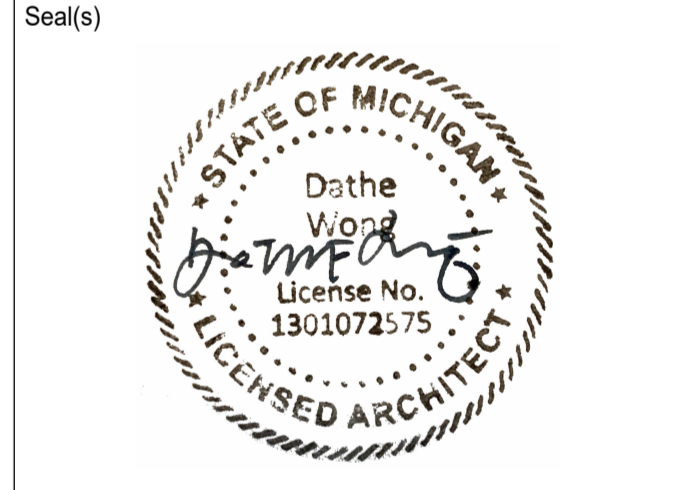


Table with columns Project Manager, Drawn, Project Leader, Checked, Client. Lists project management and client information.

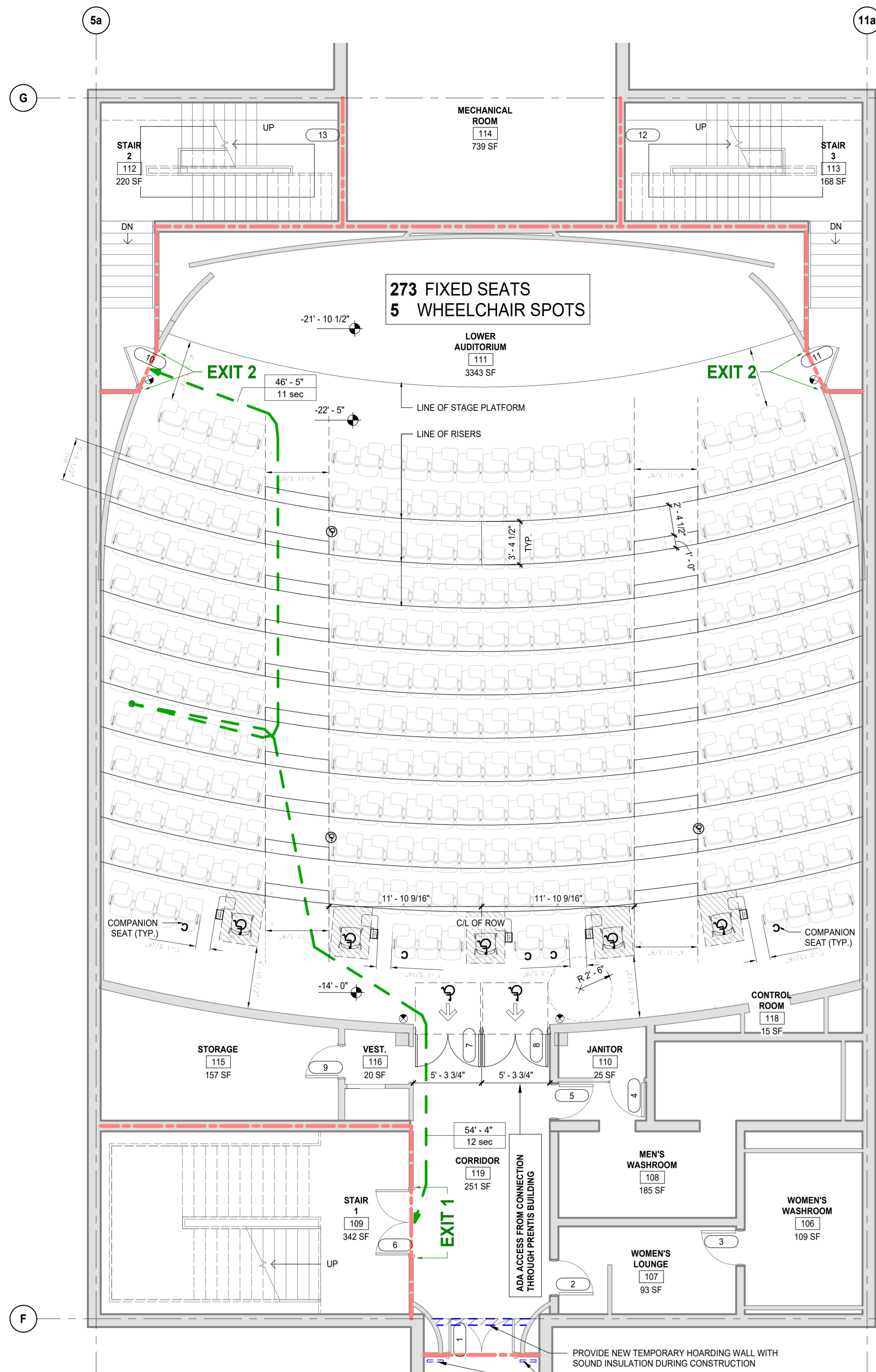
WAYNE STATE UNIVERSITY

Project WSU - DeRoy Building Renovations

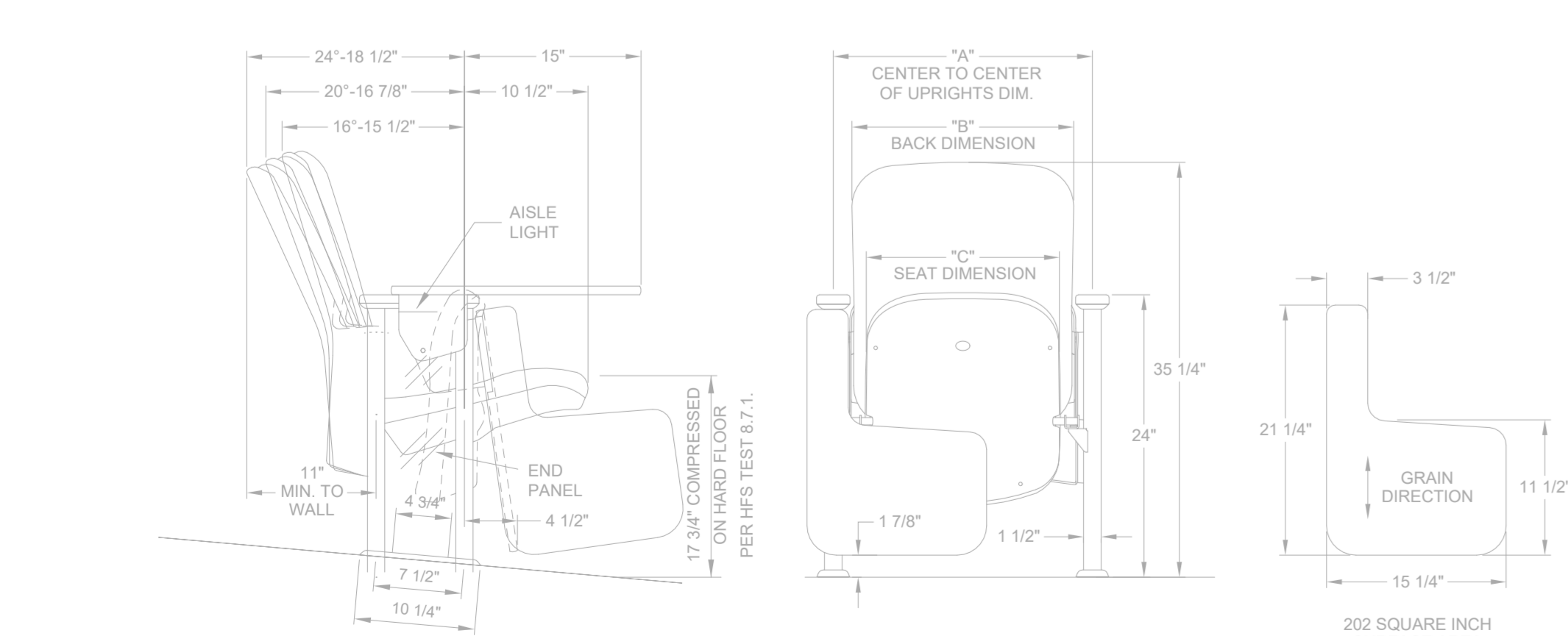
DETROIT, MICHIGAN, US

GENERAL NOTES, ABBREVIATIONS, SYMBOL LEGEND

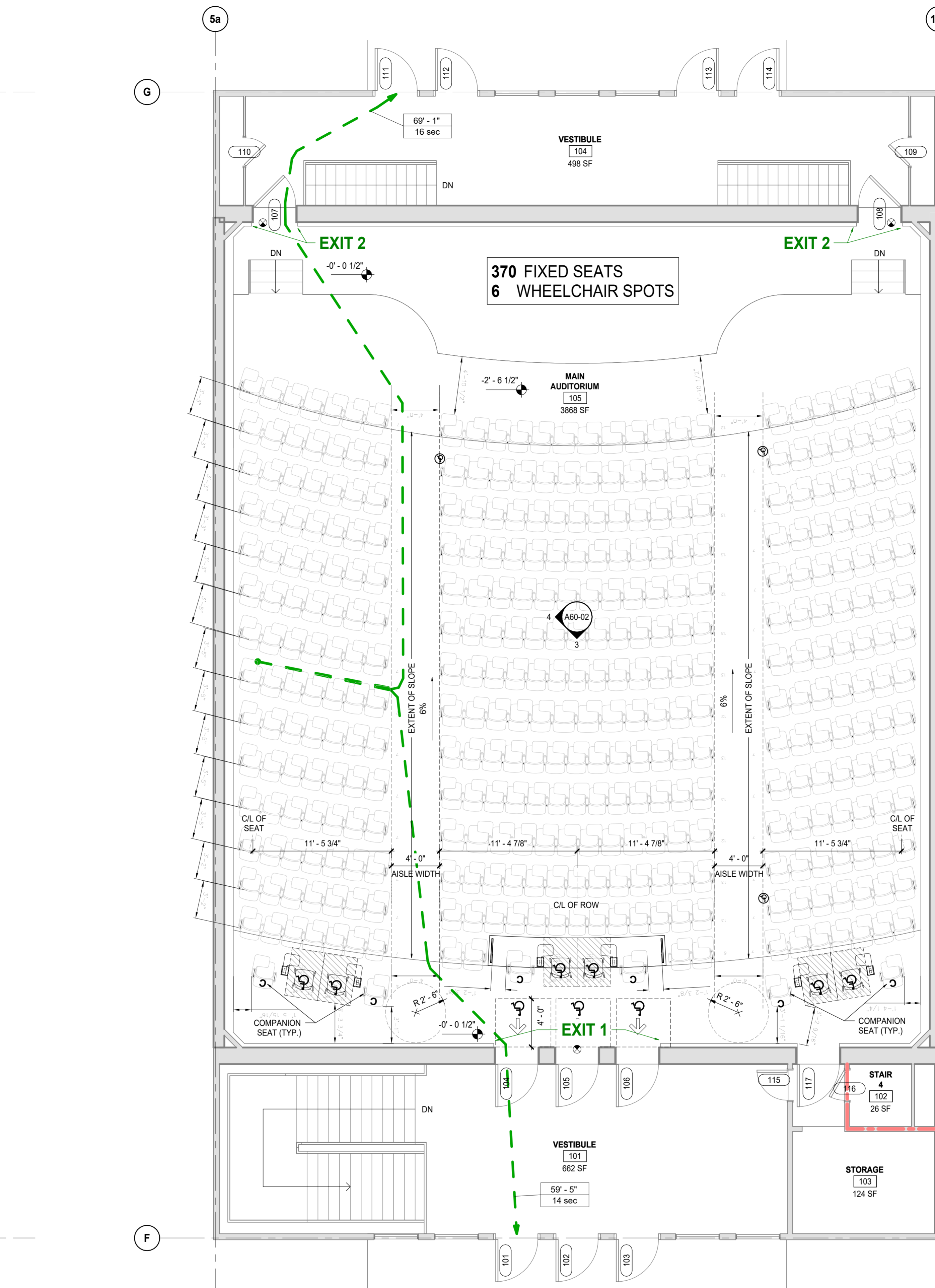
Table with columns Scale, Project No., Drawing No. Shows scale as 'As indicated', project number ED2024-0062, and drawing number A01-02.



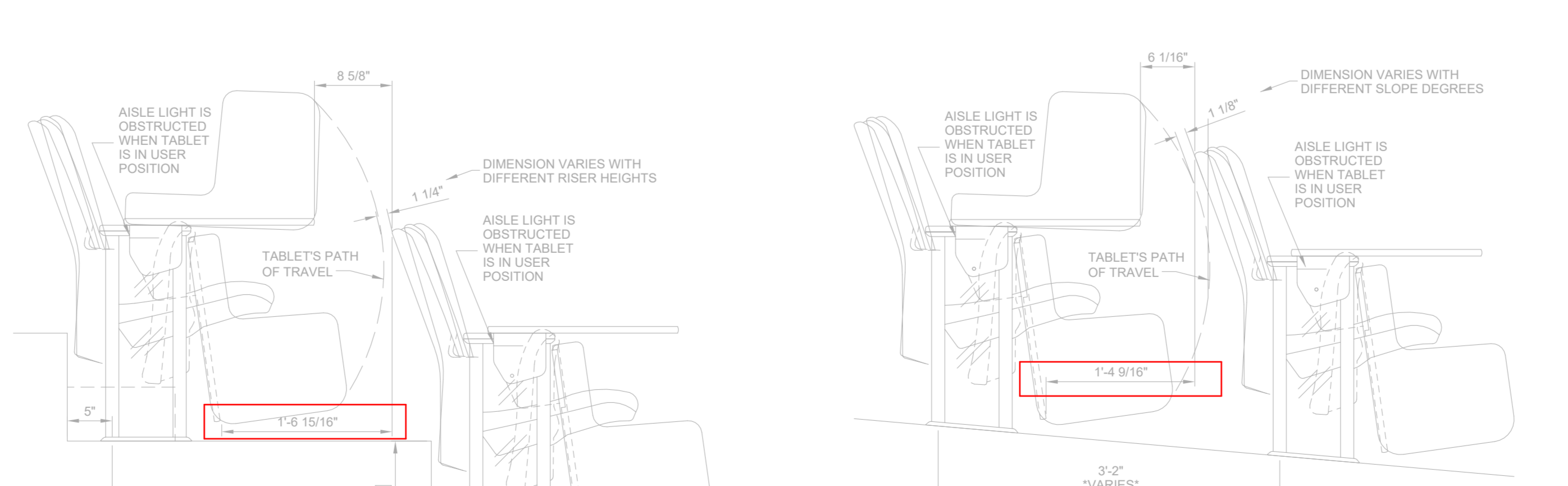
2 LOWER AUDITORIUM LEVEL LIFE SAFETY PLAN
SCALE: 3/16" = 1'-0"



3 SEAT DIMENSIONS
SCALE: 1" = 1'-0"



1 UPPER AUDITORIUM LEVEL LIFE SAFETY PLAN
SCALE: 3/16" = 1'-0"



SEATS ON SECTION @ LOWER AUDITORIUM

SEATS ON SECTION @ UPPER AUDITORIUM

GENERAL NOTES - LIFE SAFETY

PROJECT DESCRIPTION

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1. REMOVING AND REPLACING AUDITORIUM SEATING AND CARPET
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APPLICABLE CODES AND STANDARDS

Michigan Rehabilitation Code for Existing Buildings, 2015
Michigan Building Code, 2017
Michigan Electrical Code, 2017
Life Safety Code: NFPA 101, 2012
ANSI 117.1 Accessibility Code, 2009
ADA, Standards for Accessibility, 2010
Michigan Rules for Schools, Colleges, and Universities (BFS)
2015 MICHIGAN BUILDING CODE
CHAPTER 3, USE AND OCCUPANCY
303.4 ASSEMBLY GROUP A3
CHAPTER 8 TYPE OF CONSTRUCTION
TABLE 601 TYPE 1B
BEARING WALLS = 2 HOUR (EXISTING)
NON-BEARING WALLS = 0 HOUR
CHAPTER 8 INTERIOR FINISHES
TABLE 803.11 A3 USE = C-CLASS FOR ROOMS AND ENCLOSED SPACES

OCCUPANCY LOAD DATA

EXISTING OCCUPANT LOAD:	PROPOSED OCCUPANT LOAD:
LOWER LEVEL: 295	LOWER LEVEL: 278 (17 LESS)
UPPER LEVEL: 384	UPPER LEVEL: 376 (8 LESS)
TOTAL: 679	TOTAL: 654 (25 LESS)

PROPOSED OCCUPANT LOAD (AFTER RENOVATION):

LOWER LEVEL
A3 USE
278 OCCUPANTS (17 OCCUPANTS LESS THAN EXISTING)

TWO SEPARATE EXITS ARE REQUIRED, & PROVIDED

MINIMUM STAIR WIDTH
0.3 W/O SPRINKLER, 0.2 WITH SPRINKLER
@278 OL = 84" OR 56"
41" x 41" x 67" = 149" PROVIDED
EACH OF TWO STAIRS MUST BE MIN. 42" FOR 1/2 OL EGRESS PER MBC SECTION 1005.5

MINIMUM DOOR WIDTH
0.2 W/O SPRINKLER, 0.15 WITH SPRINKLER
@278 OL = 56" OR 42"
(2) 35" CLEAR DOORS + (1) 70.5" DOUBLE DOOR = 140.5" PROVIDED
EACH OF TWO EXITS MUST BE MIN. 28" FOR 1/2 OL EGRESS

UPPER LEVEL
A3 USE
376 OCCUPANTS (8 OCCUPANTS LESS THAN EXISTING)

TWO SEPARATE EXITS ARE REQUIRED, & PROVIDED

MINIMUM DOOR WIDTH
0.2 W/O SPRINKLER, 0.15 WITH SPRINKLER
@376 OL = 76" OR 57"
(5) 41" CLEAR DOORS = 205" PROVIDED
EACH OF TWO EXITS MUST BE MIN. 38" FOR 1/2 OL EGRESS

MICHIGAN BUILDING CODE 2015

1029.12.2 Clear Width of Aisle Accessways Serving Seating in Rows

Where seating rows have 14 or fewer seats, the minimum clear aisle accessway width shall be not less than 12 inches (305 mm) measured as the clear horizontal distance from the back of the row ahead and the nearest projection of the row behind. Where chairs have automatic or self-rising seats, the measurement shall be made with seats in the raised position. Where any chair in the row does not have an automatic or self-rising seat, the measurements shall be made with the seat in the down position. For seats with folding tablet arms, row spacing shall be determined with the tablet arm in the used position.

Exception: For seats with folding tablet arms, row spacing is permitted to be determined with the tablet arm in the stored position where the tablet arm when raised manually to vertical position in one motion automatically returns to the stored position by force of gravity.

NFPA 101 - 2012

12.2.5.5.1 Aisle Accessways Serving Seating Not at Tables

12.2.5.5.1.1 The required clear width of aisle accessways between rows of seating shall be determined as follows: (1) Horizontal measurements shall be made, between vertical planes, from the back of one seat to the front of the most forward projection of the seat immediately behind it; (2) Where the entire row consists of automatic- or self-rising seats that comply with ASTM F 851, Standard Test Method for Self-Rising Seat Mechanisms, the measurement shall be permitted to be made with the seats in the up position.

12.2.5.5.2 The aisle accessway between rows of seating shall have a clear width of not less than 12 in. (305 mm), and this minimum shall be increased as a function of row length in accordance with 12.2.5.5.4 and 12.2.5.5.5.

LIFE SAFETY LEGEND

MARK	ITEM
---	EXTERIOR WALL - 0-HR LOAD BEARING
---	COMMON PATH OF TRAVEL - 100'-0" MAX
---	TRAVEL DISTANCE TO AN EXIT - 200'-0" MAX
---	TEMPORARY CONSTRUCTION
⊙	EXIT SIGN - (EXISTING TO REMAIN)
---	NEW - 1 HOUR RATED ASSEMBLY - UL U914
---	EXISTING - 1 HOUR RATED ASSEMBLY
---	EXISTING - 2 HOUR RATED ASSEMBLY
Length Time sec	TRAVEL DISTANCE AND TIME

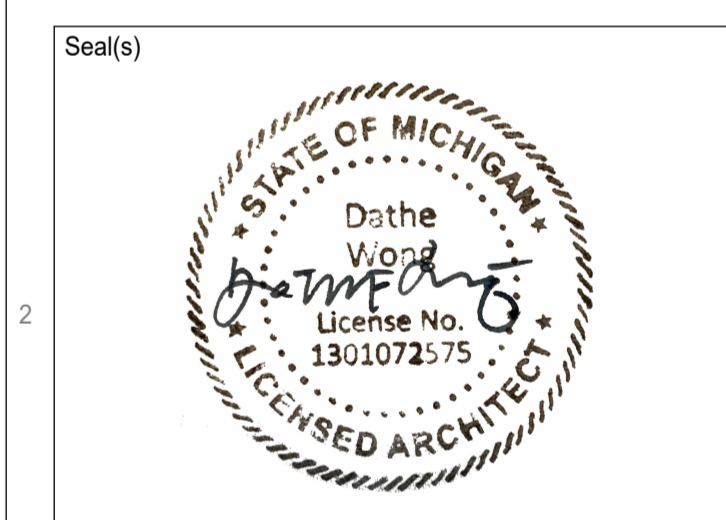
DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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Project Component	
Key Plan	

Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
AV/Technology:	HEAPPY

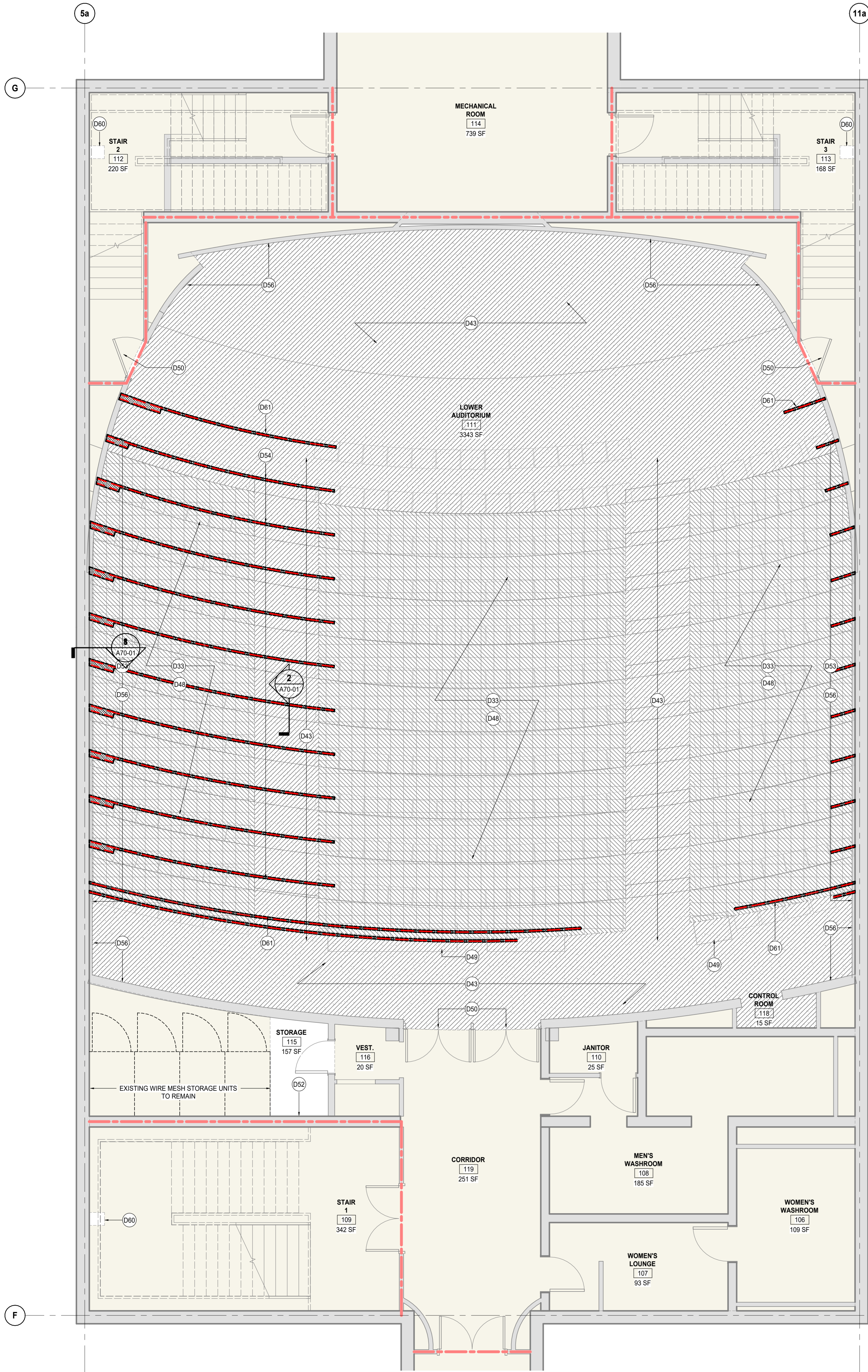


Project Manager	Valentino Mancini	Drawn	Cem Muyan
Project Leader	Chaderique Menard	Checked	Valentino Mancini
Client	WAYNE STATE UNIVERSITY		

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
LIFE SAFETY PLANS

Scale: As indicated
Project No.: ED2024-0062
Drawing No.: **A02-01**



FLOOR PLAN DEMOLITION NOTES	
Key Value	Keynote Text
D12	INFILL EXISTING CORING ON FLOOR SLAB AND MAKE GOOD TO RECEIVE NEW FINISH
D32	CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSE OF ASBESTOS-CONTAINING 12 X 12 FLOOR TILE AND ASSOCIATED ADHESIVES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRANSITION STRIPS, NOSINGS, AND OTHER BUILT-IN COMPONENTS ATTACHED TO FLOORING SCHEDULED FOR REMOVAL. CONTRACTOR SHALL CLEAN SOLVENTS FROM SUBSTRATE PER THE MANUFACTURER'S DIRECTIONS TO ALLOW FOR INSTALLATION OF NEW FLOORING. REMOVE ANY AND ALL FLOORING MATERIALS APPLIED COMPLETELY DOWN TO THE SUBSTRATE. ONLY CONCRETE TO REMAIN. SLAB SHALL BE GROUND, SANDED AND OR SCRAPPED AND LEVEL USING SELF-LEVELLING UNDERLAYMENT AS REQUIRED. TO RECEIVE THE NEW SPECIFIED FINISH REFER TO ASBESTOS ABATEMENT GENERAL NOTES PRIOR TO COMMENCEMENT OF REMOVAL WORK.
D33	DEMOLISH EXISTING FULLY ADHERED 12X12 VINYL TILE DOWN TO THE CONCRETE SLAB. DEMOLISH EXISTING TRANSITION STRIPS AND NOSINGS. SLAB SHALL BE GROUND, SANDED AND/OR SCRAPPED AND LEVEL USING SELF-LEVELLING UNDERLAYMENT AS REQUIRED. TO RECEIVE THE NEW SPECIFIED FINISH PER MANUFACTURER'S STANDARDS AND RECOMMENDATIONS.
D43	DEMOLISH EXISTING FULLY ADHERED CARPET DOWN TO THE CONCRETE SLAB. DEMOLISH EXISTING TRANSITION STRIPS AND NOSINGS. SLAB AND WALL SURFACE SHALL BE GROUND, SANDED AND OR SCRAPPED AS REQUIRED TO RECEIVE THE NEW SPECIFIED FINISH. LEVEL 1/2" DEPRESSION ON THE SLAB AND MATCH ADJACENT FLOOR SURFACES USING SELF-LEVELLING UNDERLAYMENT. PREPARE SMOOTH TO RECEIVE NEW SPECIFIED FLOORING FINISH PER MANUFACTURER'S STANDARDS AND RECOMMENDATIONS.
D48	REMOVE ALL SEATS WITH ASSOCIATED HARDWARE INCLUDING ALL SEAT ANCHORS AND PREPARE FLOOR FOR NEW WORK.
D49	REMOVE FLOOR MOUNTED DESK WITH ASSOCIATED HARDWARE.
D50	PROVIDE PROTECTION TO THE EXISTING DOOR WITH ASSOCIATED HARDWARE DURING RENOVATION WORK.
D51	MARBLE WALL BASE TO BE CLEANED, FIXED AS NEEDED AND MADE GOOD TO MATCH ORIGINAL LOOK.
D52	REMOVE EXISTING WIRE MESH STORAGE UNITS AS REQUIRED TO ACCOMMODATE NEW ELECTRICAL PANELS ON THE WALL. PATCH AND REPAIR WALL SURFACES TO MAKE GOOD AND PREPARE FOR NEW ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS FOR PANEL DETAILS (ALTERNATE 2).
D53	DEMOLISH FURRING WALL TO ALLOW FOR ELECTRICAL CONDUITS TO BE ROUTED FROM CEILING TO FLOOR SLAB FOR EVERY OTHER SEATING. REFER TO ELECTRICAL FOR LOCATIONS. MAKE GOOD WALL SURFACE TO MATCH EXISTING CONDITION AND RECEIVE NEW PAINT. (ALTERNATE 1)
D54	SAWCUT AND REMOVE PORTION OF EXISTING CONCRETE FLOOR SUBSTRATE TO ALLOW FOR NEW 3/4" DIA. ELECTRICAL CONDUIT TO BE EMBEDDED WITHIN NEW CONCRETE INFILL. CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL CONTRACTOR TO VERIFY LOCATIONS SHOWN ON DRAWINGS BY SCANNING EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND ARCHITECTURAL DETAILS. (ALTERNATE 1)
D55	CORE DRILL EXISTING CONCRETE SLAB TO ALLOW FOR NEW ELECTRICAL CONDUIT TO COME UP FROM LOWER LEVEL CEILING. (TYPICAL FOR ALL CORING LOCATIONS SHOWN ON DRAWINGS). CONTRACTOR TO COORDINATE LOCATIONS SHOWN ON DRAWINGS WITH SEAT MANUFACTURER AND ELECTRICAL CONTRACTOR TO VERIFY LOCATIONS BY SCANNING EXISTING CONCRETE SLAB AND TO ENSURE NO INTERFERENCE WITH STRUCTURAL BEAMS AND MECHANICAL DUCTS BELOW SLAB. REFER TO DETAILS AND ELECTRICAL DRAWINGS. (ALTERNATE 1)
D56	REMOVE AND REINSTALL/REFURBISH EXISTING WOOD BASE FOLLOWING INSTALLATION OF NEW CARPET.
D57	REMOVE EXISTING LECTERN AND ALL ASSOCIATED HARDWARE AND EQUIPMENT ALONG WITH IN-FLOOR RACEWAY AND WIREMOLD ON STAGE. REMOVE WALL MOUNTED PROJECTOR SCREEN ALONG WITH SPEAKERS AND RETURN TO OWNER. PATCH, REPAIR AND MAKE GOOD WALL SURFACE TO MATCH ADJACENT ORIGINAL CONDITION TO RECEIVE NEW PAINT FINISH. REFER TO TECHNOLOGY/AV DRAWINGS.
D59	REMOVE EXISTING AUDIO VISUAL EQUIPMENT. REFER TO TECHNOLOGY/AV DRAWINGS FOR ITEMS.
D60	DEMOLISH / REMOVE PORTION OF WALL SURFACE AND PREPARE TO RECEIVE NEW AV TECHNOLOGY DEVICE. PATCH, REPAIR, PAINT AND MAKE GOOD TO MATCH ADJACENT SURFACES AFTER THE INSTALLATION. REFER TO TECHNOLOGY/AV DRAWINGS.
D61	SAWCUT/CHIP AND REMOVE LINEAR PORTION OF EXISTING 1/2" DEPRESSION CONCRETE SLAB AS SHOWN TO ALLOW FOR NEW 3/4" DIA. ELECTRICAL CONDUIT TO BE EMBEDDED WITHIN NEW CEMENTITIOUS SELF-LEVELLING INFILL. CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL CONTRACTOR TO VERIFY LOCATIONS SHOWN ON DRAWINGS BY SCANNING EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND ARCHITECTURAL DETAILS. (ALTERNATE 1)
D62	SAWCUT AND REMOVE PORTION OF EXISTING SLAB TO ALLOW FOR NEW MECHANICAL PIPES TO BE ROUTED DOWN TO THE LOWER FLOOR / CEILING. UPON COMPLETION OF PLUMBING WORK, REINSTATE REMOVED PORTION OF SLAB, ALONG WITH FLOOR FINISH TO MATCH EXISTING CONDITION OF ADJACENT FLOOR AREA AND ENSURE FIRE RATING OF THE SLAB IS MAINTAINED. REFER TO MECHANICAL DRAWINGS.
D63	DEMOLISH PORTION OF THE WALL FOR THE MECHANICAL PIPES / DUCTS TO PENETRATE THROUGH TO THE ADJACENT SPACE. PATCH, REPAIR AND REINSTATE DEMOLISHED PORTION OF THE WALL AND MAKE GOOD TO MATCH EXISTING ADJACENT SURFACES. ENSURE FIRE RATING IS MAINTAINED UPON COMPLETION OF WORK. REFER TO MECHANICAL DRAWINGS FOR ROUTING.
D64	INCLUDE IN BASE BID: EXISTING ACOUSTIC WALL PANELLING TO REMAIN. COORDINATE WITH NEW WORK. ALTERNATE 4: DEMOLISH EXISTING ACOUSTIC WALL PANELLING AND WOOD TRIMS. INSTALL NEW ACOUSTIC WALL PANELLING AND WOOD TRIMS (PRIMED AND PAINTED). COORDINATE WITH ELECTRICAL AND AV TECHNOLOGY DRAWINGS FOR NEW WALL MOUNTED DEVICE LOCATIONS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND DETAILS FOR WALL MOUNTED DEVICE LOCATIONS AND ACOUSTIC WALL PANELLING DETAILS. (ALTERNATE 4)
D65	REMOVE EXISTING DIFFUSER MUSHROOM CAPS AND FLANGES PRIOR TO TILE REMOVAL. PRIME AND PAINT TO PT-3, STORE AND RE-INSTALL FOLLOWING NEW FLOOR FINISH WORK.

DEMOLITION PLAN LEGEND	
	EXISTING WALLS TO REMAIN
	EXISTING CONSTRUCTION TO REMAIN
	DEMO FLOOR PLAN KEYNOTE
	EXISTING CARPET TO BE REMOVED
	EXISTING VINYL TILE TO BE REMOVED
	APPROXIMATE LOCATION FOR SAW CUT SLAB, COORDINATE WITH NEW WORK
	EXISTING - 1 HOUR FIRE RATED ASSEMBLY
	EXISTING - 2 HOUR FIRE RATED ASSEMBLY

- ### DEMOLITION GENERAL NOTES
- OBTAIN DEMOLITION PERMITS AND INCLUDE ALL COSTS OF SAME IN CONTRACT PRICE, IF REQUIRED. INCLUDE ALL SALES TAX IN BASE BID ALONG WITH PERMIT COSTS.
 - FURNISH ALL LABOR AND MATERIALS/EQUIPMENT AS REQUIRED TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED.
 - PROVIDE STRICT CONTROL OF JOB CLEANING AND PREVENT DUST AND DEBRIS FROM EMANATING FROM DEMOLITION/CONSTRUCTION AREA. KEEP AREA CLEAN.
 - IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE TENANT BEFORE PROCEEDING.
 - AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED AND JOB SITE KEPT CLEAN ON A DAILY BASIS.
 - ALL DEBRIS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH BUILDING MANAGEMENT REQUIREMENTS AND PROCEDURES.
 - WHERE PARTITIONS ARE TO BE REMOVED, REMOVE ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC. TO PANELS AND TERMINATE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY THEM OR THEIR SUBCONTRACTORS TO EXISTING TO REMAIN CONSTRUCTION. REFINISH TO MATCH EXISTING ADJACENT FINISH.
 - REMOVE TO SOURCE ALL PIPES, VENTS, APPLIANCES OR DRAINS NOT BEING RE-USED AND TERMINATE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.
 - REMOVAL OF ALL EQUIPMENT, CABLING, SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED WITH TELEPHONE COMPANIES, SERVICE OWNER OR TENANT DATA/COMMUNICATIONS REPRESENTATIVE AS REQUIRED TO PREVENT NEW CONSTRUCTION DELAYS.
 - SCOPE INCLUDES:
 - REMOVAL OF ALL ITEMS OF ANY NATURE SHOWN ON DRAWINGS TO BE REMOVED.
 - CONTRACTOR TO DEMO AND REMOVE EXISTING PARTITIONS & CONSTRUCTION INCLUSIVE OF WALLS, LIGHTING, GRID, TILE AND EQUIPMENT AS SHOWN ON DRAWINGS.
 - ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL OTHER LOCAL, STATE AND FEDERAL AUTHORITIES HAVING JURISDICTION.
 - CONTRACTOR SHALL PROVIDE TEMPORARY FIRE RATED, FREE-STANDING COMPOSITE HOARDING PANEL ENCLOSURE ASSEMBLIES AS SHOWN. HOARDING DOORS SHALL ALSO BE FIRE-RATED AND SECURED AT ALL TIMES OF DAY. INSTALL SIGNAGE INDICATING DANGER CONSTRUCTION AREA DO NOT ENTER. TERMINATE RATED CEILING PANEL INTO BRICK WALL ABOVE DOORS, BELOW EXISTING CEILING.
 - ALL DIMENSIONS AND CONDITIONS ARE TO BE VERIFIED IN THE FIELD. ARCHITECT TO BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
 - EXISTING CONSTRUCTION ADJACENT TO ITEMS BEING REMOVED TO BE ADEQUATELY PROTECTED AND PATCHED AND REPAIRED AS REQUIRED. ANY DAMAGE TO EXISTING FINISHES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGED SURFACES TO BE REPAIRED AND REFINISHED TO NEAREST INSIDE CORNER. ALL REPAIR WORK SUBJECT TO APPROVAL BY ARCHITECT/BUILDING MANAGEMENT.
 - MAINTAIN ALL ABOVE CEILING DUCTWORK, DIFFUSERS, GRILLES, OR OTHER EQUIPMENT AS REQUIRED FOR PROPER DISTRIBUTION OF AIR. TEMPORARILY HANG EQUIPMENT FROM CEILING IF NECESSARY.
 - CONTRACTOR TO INSTALL FILTER OR GAUGE MATERIAL AT BUILDING'S HVAC RETURN OPENINGS TO MINIMIZE DUST IN HVAC SYSTEM.
 - COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES TO REMAIN. DE-ENERGIZE CIRCUITS AND MAKE THEM SAFE AS REQUIRED BY APPLICABLE CODES. RECONNECT CIRCUITS THAT ARE TO REMAIN AND ARE DISRUPTED DURING DEMOLITION.
 - RECONNECT EXISTING CIRCUITRY WHICH ORIGINATES OR PASSES THROUGH THE RENOVATED AREAS BUT SERVES OTHER AREAS NOT BEING RENOVATED. EXTEND THESE CIRCUITS AS MAY BE NECESSARY TO THE EXISTING PANELBOARDS.
 - COORDINATE WORK CONCERNING EXISTING EQUIPMENT AND SERVICES IN THE BUILDING WITH OWNER. CONTRACTOR TO CONTACT OWNER TO SCHEDULE A SHUTDOWN AT A TIME CONVENIENT TO OWNER WHEN IT BECOMES NECESSARY TO TEMPORARILY DISTURB OR INTERRUPT SYSTEMS OR SERVICES TO PERMIT DEMOLITION. CONTRACTOR REQUEST MUST BE IN WRITING.
 - CONTRACTOR TO MAINTAIN ALL EGRESS DOORS, AND ACCESS TO ALL EGRESS EXIT DOORS THROUGHOUT ALL DEMOLITION/NEW CONSTRUCTION ALONG WITH VISIBILITY OF ALL EXIT SIGNS AND FIRE STROBE LIGHTS.
 - CONTRACTOR TO PROVIDE SUPPLEMENTAL LIGHTING SUFFICIENT FOR SAFE WORKING CONDITIONS THROUGHOUT COURSE OF DEMOLITION/NEW CONSTRUCTION AS REQUIRED.
 - CONTRACTOR TO COORDINATE PLACEMENT OF DUMPSTER WITH BUILDING MANAGEMENT.
 - CONTRACTOR TO REMOVE ALL TOOLS, EQUIPMENT AND DEBRIS FROM SITE UPON COMPLETION OF DEMOLITION WORK. REMOVE TEMPORARY PROTECTION AND LEAVE INTERIOR AREAS BROOM CLEAN.
 - PREP AND PATCH WALLS, CEILINGS AND FLOORS AT ALL DEMOLITION POINTS. REPAIR AS REQUIRED TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PREPARE SURFACES TO RECEIVE NEW FINISHES, AS REQUIRED. FINISHES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 - CONTRACTOR TO GIVE A MINIMUM 7-DAYS PRIOR OR REASONABLE NOTICE TO THE OWNER FOR ANY SCHEDULED DEMOLITION OF CONSTRUCTION ACTIVITY THAT IS EXCESSIVELY LOUD BEYOND NORMAL CONSTRUCTION NOISE. THE INTENT IS TO AVOID DISRUPTION TO ADMINISTRATION AREAS OR EVENTS ADJACENT TO CONSTRUCTION AREA.
 - THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION. WSU REQUIRES THAT ALL FOREMAN AND CONTRACTORS SIGN A COPY OF THEIR CONTRACTOR GUIDELINES. PROPER CONDUCT IS EXPECTED OF WORKERS AT ALL TIMES. CONTRACTOR SHALL KEEP ALL NOISE TO A REASONABLE LEVEL. WORKERS WILL BE REMOVED FROM CAMPUS FOR IMPROPER OR UNSAFE CONDUCT THAT INCLUDES LOUD MUSIC, FOUL LANGUAGE OR OTHER UNPROFESSIONAL/DISRUPTIVE BEHAVIOR. FAILURE OF COMPLIANCE WITH ALL SAFETY REGULATIONS AND REQUIREMENTS WILL NOT BE ALLOWED.
 - CONTRACTORS MUST HAVE FOREMAN ATTEND WEEKLY JOB PROGRESS MEETINGS WHILE ON SITE.
 - MAINTAIN ALL EXISTING UTILITIES AND FIRE-PROTECTION FACILITIES AND PROTECT THEM AGAINST DAMAGE DURING ALL CONSTRUCTION OPERATIONS.

ASBESTOS ABATEMENT GENERAL NOTES

REFER TO ASBESTOS INSPECTION TESTING REPORT BY OWNERS REPRESENTATIVE ETC ENVIRONMENTAL SERVICES, PREPARED ON DECEMBERS 12 2014. CONTACT OWNERS REPRESENTATIVE PRIOR TO DEMOLITION TO COORDINATE THE REMOVAL OF ANY IDENTIFIED ACM'S WITHIN PROJECT AREA WITH OWNERS THIRD PARTY ABATEMENT CONTRACTOR.

Owner Representative:
Wayne State University
Ron Kahole, Project Manager
Phone: 248 202 6082
Email: rkg152@wayne.edu

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

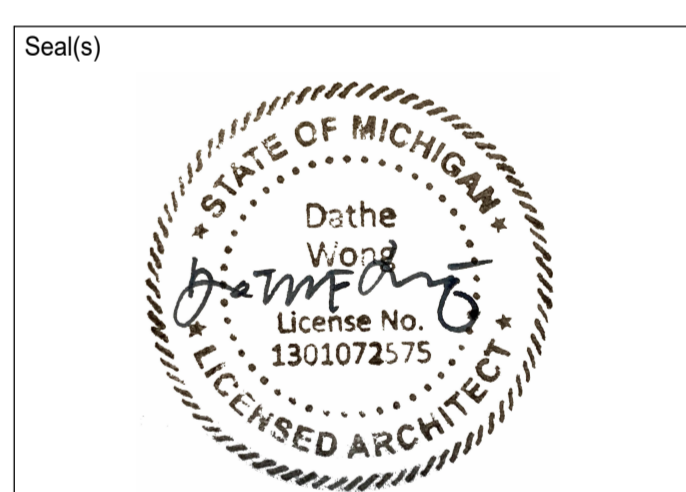
This drawing has been prepared solely for the use of WAYNE STATE UNIVERSITY and there are no representations of any kind made by NORR to any party with whom NORR has not entered into a contract.

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Project Component

Key Plan

Consultants	
Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
AV/Technology:	HEAPY



NORR

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Project Manager	Valentino Mancini	Drawn	Cem Muyan
Project Leader	Chaderique Menard	Checked	Valentino Mancini

Client: **WAYNE STATE UNIVERSITY**

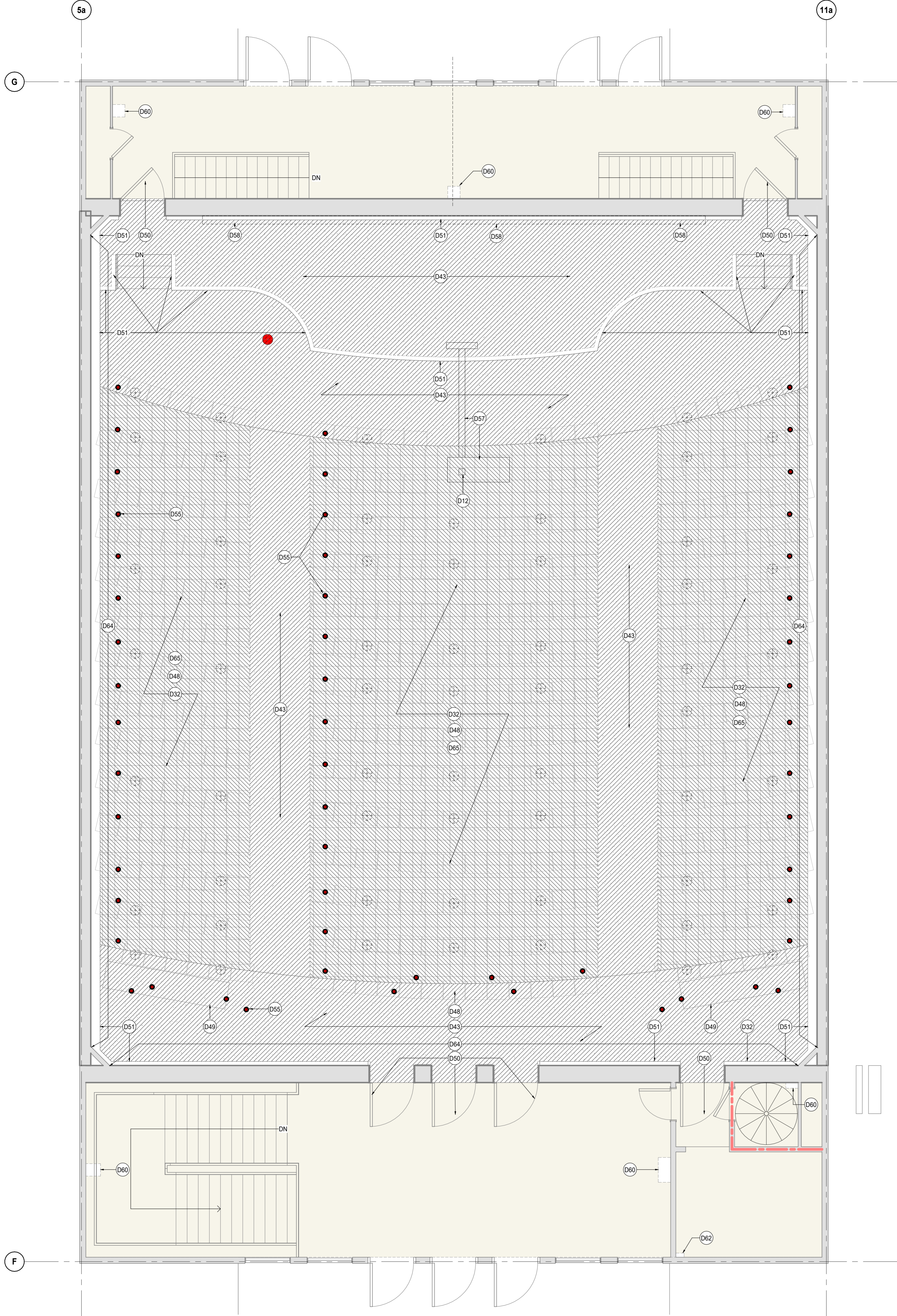
Project: **WSU - DeRoy Building Renovations**

DETROIT, MICHIGAN, US
Drawing Title: **BASEMENT DEMOLITION PLAN**

Scale: As indicated

Project No.: ED2024-0062

Drawing No.: **A10-01**



1 LEVEL 1 FLOOR PLAN
SCALE: 1/4" = 1'-0"

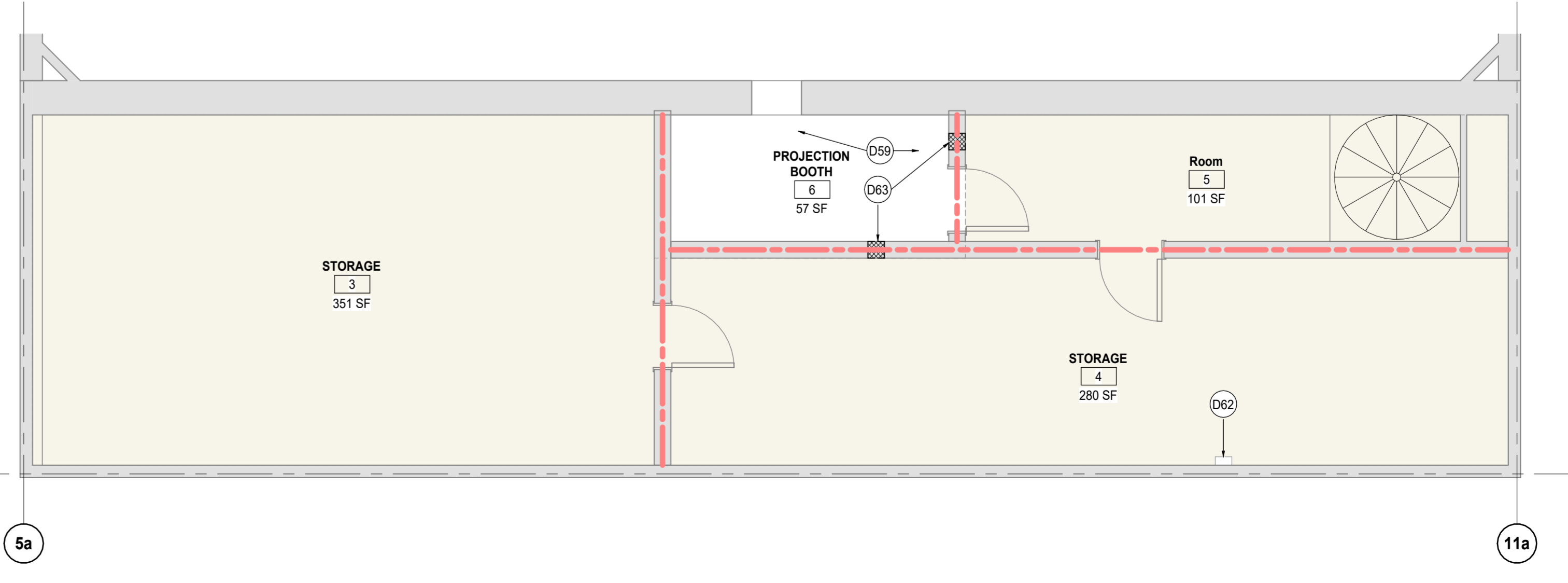
2 MEZZANINE DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

FLOOR PLAN DEMOLITION NOTES	
Key Value	Keynote Text
D12	INFILL EXISTING CORING ON FLOOR SLAB AND MAKE GOOD TO RECEIVE NEW FINISH.
D32	CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSE OF ASBESTOS-CONTAINING 12 X 12 FLOOR TILE AND ASSOCIATED ADHESIVES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRANSITION STRIPS, NOSINGS, AND OTHER BUILT-IN COMPONENTS ATTACHED TO FLOORING SCHEDULED FOR REMOVAL. CONTRACTOR SHALL CLEAN SOLVENTS FROM SUBSTRATE PER THE MANUFACTURER'S DIRECTIONS TO ALLOW FOR INSTALLATION OF NEW FLOORING. REMOVE ANY AND ALL FLOORING MATERIALS APPLIED COMPLETELY DOWN TO THE SUBSTRATE. ONLY CONCRETE TO REMAIN. SLAB SHALL BE GROUND, SANDED AND OR SCRAPPED AND LEVEL USING SELF-LEVELLING UNDERLAYMENT AS REQUIRED. TO RECEIVE THE NEW SPECIFIED FINISH. REFER TO ASBESTOS ABATEMENT GENERAL NOTES PRIOR TO COMMENCEMENT OF REMOVAL WORK.
D33	DEMOLISH EXISTING FULLY ADHERED 12X12 VINYL TILE DOWN TO THE CONCRETE SLAB. DEMOLISH EXISTING TRANSITION STRIPS AND NOSINGS. SLAB SHALL BE GROUND, SANDED AND/OR SCRAPPED AND LEVEL USING SELF-LEVELLING UNDERLAYMENT AS REQUIRED. TO RECEIVE THE NEW SPECIFIED FINISH.
D43	DEMOLISH EXISTING FULLY ADHERED CARPET DOWN TO THE CONCRETE SLAB. DEMOLISH EXISTING TRANSITION STRIPS AND NOSINGS. SLAB AND WALL SURFACE SHALL BE GROUND, SANDED AND OR SCRAPPED AS REQUIRED TO RECEIVE THE NEW SPECIFIED FINISH. LEVEL 1/2" DEPRESSION ON THE SLAB AND MATCH ADJACENT FLOOR SURFACES USING SELF-LEVELLING UNDERLAYMENT. PREPARE SMOOTH TO RECEIVE NEW SPECIFIED FLOORING FINISH PER MANUFACTURER'S STANDARDS AND RECOMMENDATIONS.
D48	REMOVE ALL SEATS WITH ASSOCIATED HARDWARE INCLUDING ALL SEAT ANCHORS AND PREPARE FLOOR FOR NEW WORK.
D49	REMOVE FLOOR MOUNTED DESK WITH ASSOCIATED HARDWARE.
D50	PROVIDE PROTECTION TO THE EXISTING DOOR WITH ASSOCIATED HARDWARE DURING RENOVATION WORK.
D51	MARBLE WALL BASE TO BE CLEANED, FIXED AS NEEDED AND MADE GOOD TO MATCH ORIGINAL LOOK.
D52	REMOVE EXISTING WIRE MESH STORAGE UNITS AS REQUIRED TO ACCOMMODATE NEW ELECTRICAL PANELS ON THE WALL. PATCH AND REPAIR WALL SURFACES TO MAKE GOOD AND PREPARE FOR NEW ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS FOR PANEL DETAILS. (ALTERNATE 2)
D53	DEMOLISH FURRING WALL TO ALLOW FOR ELECTRICAL CONDUITS TO BE ROUTED FROM CEILING TO FLOOR SLAB FOR EVERY ROW OF SEATING. REFER TO ELECTRICAL FOR LOCATIONS. MAKE GOOD WALL SURFACE TO MATCH EXISTING CONDITION AND RECEIVE NEW PAINT. (ALTERNATE 1)
D54	SAW CUT AND REMOVE PORTION OF EXISTING CONCRETE FLOOR SUBSTRATE TO ALLOW FOR NEW 3/4" DIA. ELECTRICAL CONDUIT TO BE EMBEDDED WITHIN NEW CONCRETE INFILL. CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL CONTRACTOR TO VERIFY LOCATIONS SHOWN ON DRAWINGS BY SCANNING EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND ARCHITECTURAL DETAILS. (ALTERNATE 1)
D55	CORE DRILL EXISTING CONCRETE SLAB TO ALLOW FOR NEW ELECTRICAL CONDUIT TO COME UP FROM LOWER LEVEL CEILING. (TYPICAL FOR ALL CORING LOCATIONS SHOWN ON DRAWINGS). CONTRACTOR TO COORDINATE LOCATIONS SHOWN ON DRAWINGS WITH SEAT MANUFACTURER AND ELECTRICAL CONTRACTOR TO VERIFY LOCATIONS BY SCANNING EXISTING CONCRETE SLAB AND TO ENSURE NO INTERFERENCE WITH STRUCTURAL BEAMS AND MECHANICAL DUCTS BELOW SLAB. REFER TO DETAILS AND ELECTRICAL DRAWINGS. (ALTERNATE 1)
D56	REMOVE AND REINSTALL/REFURBISH EXISTING WOOD BASE FOLLOWING INSTALLATION OF NEW CARPET.
D57	REMOVE EXISTING LECTERN AND ALL ASSOCIATED HARDWARE AND EQUIPMENT ALONG WITH IN-FLOOR RACEWAY AND WIREMOLD ON STAGE.
D58	REMOVE WALL MOUNTED PROJECTOR SCREEN ALONG WITH SPEAKERS AND RETURN TO OWNER. PATCH, REPAIR AND MAKE GOOD WALL SURFACE TO MATCH ADJACENT AND ORIGINAL CONDITION TO RECEIVE NEW PAINT FINISH. REFER TO TECHNOLOGY/AV DRAWINGS.
D59	REMOVE EXISTING AUDIO VISUAL EQUIPMENT. REFER TO TECHNOLOGY/AV DRAWINGS FOR ITEMS.
D60	DEMOLISH / REMOVE PORTION OF WALL SURFACE AND PREPARE TO RECEIVE NEW AV / TECHNOLOGY DEVICE. PATCH, REPAIR, PAINT AND MAKE GOOD TO MATCH ADJACENT SURFACES AFTER THE INSTALLATION. REFER TO TECHNOLOGY/AV DRAWINGS.
D61	SAW CUT/CHOP AND REMOVE LINEAR PORTION OF EXISTING 1/2" DEPRESSION CONCRETE SLAB AS SHOWN TO ALLOW FOR NEW 3/4" DIA. ELECTRICAL CONDUIT TO BE EMBEDDED WITHIN NEW CEMENTITIOUS SELF-LEVELLING INFILL. CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL CONTRACTOR TO VERIFY LOCATIONS SHOWN ON DRAWINGS BY SCANNING EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND ARCHITECTURAL DETAILS. (ALTERNATE 1)
D62	SAW CUT AND REMOVE PORTION OF EXISTING SLAB TO ALLOW FOR NEW MECHANICAL PIPES TO BE ROUTED DOWN TO THE LOWER FLOOR / CEILING. UPON COMPLETION OF PLUMBING WORK, REINSTATE REMOVED PORTION OF SLAB. ALONG WITH FLOOR FINISH TO MATCH EXISTING CONDITION OF ADJACENT FLOOR AREA AND ENSURE FIRE RATING OF THE SLAB IS MAINTAINED. REFER TO MECHANICAL DRAWINGS.
D63	DEMOLISH PORTION OF THE WALL FOR THE MECHANICAL PIPES / DUCTS TO PENETRATE THROUGH TO THE ADJACENT SPACE. PATCH, REPAIR AND REPAIR DEMOLISHED PORTION OF THE WALL AND MAKE GOOD TO MATCH EXISTING ADJACENT SURFACES. ENSURE FIRE RATING IS MAINTAINED UPON COMPLETION OF WORK. REFER TO MECHANICAL DRAWINGS FOR ROUTING.
D64	INCLUDE IN BASE BID: EXISTING ACOUSTIC WALL PANNELLING TO REMAIN. COORDINATE WITH NEW WORK. ALTERNATE 4: DEMOLISH EXISTING ACOUSTIC WALL PANNELLING AND WOOD TRIMS. INSTALL NEW ACOUSTIC WALL PANNELLING AND WOOD TRIMS (PRIMED AND PAINTED). COORDINATE WITH ELECTRICAL AND AV / TECHNOLOGY DRAWINGS FOR NEW WALL MOUNTED DEVICE LOCATIONS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND DETAILS FOR WALL MOUNTED DEVICE LOCATIONS AND ACOUSTIC WALL PANNELLING DETAILS. (ALTERNATE 4)
D65	REMOVE EXISTING DIFFUSER MUSHROOM CAPS AND FLANGES PRIOR TO TILE REMOVAL. PRIME AND PAINT TO PT-3. STORE AND RE-INSTALL FOLLOWING NEW FLOOR FINISH WORK.

DEMOLITION PLAN LEGEND	
	EXISTING WALLS TO REMAIN
	EXISTING CONSTRUCTION TO REMAIN
	DEMO FLOOR PLAN KEYNOTE
	EXISTING CARPET TO BE REMOVED
	EXISTING VINYL TILE TO BE REMOVED
	APPROXIMATE LOCATION FOR SAW CUT SLAB, COORDINATE WITH NEW WORK
	EXISTING - 1 HOUR FIRE RATED ASSEMBLY
	EXISTING - 2 HOUR FIRE RATED ASSEMBLY

DEMOLITION GENERAL NOTES	
1.	OBTAIN DEMOLITION PERMITS AND INCLUDE ALL COSTS OF SAME IN CONTRACT PRICE, IF REQUIRED. INCLUDE ALL SALES TAX IN BASE BID ALONG WITH PERMIT COSTS.
2.	FURNISH ALL LABOR AND MATERIALS/EQUIPMENT AS REQUIRED TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED.
3.	PROVIDE STRICT CONTROL OF JOB CLEANING AND PREVENT DUST AND DEBRIS FROM EMANATING FROM DEMOLITION/CONSTRUCTION AREA.
4.	KEEP AREA CLEAN.
5.	IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE TENANT BEFORE PROCEEDING.
6.	AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED AND JOB SITE KEPT CLEAN ON A DAILY BASIS.
7.	ALL DEBRIS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH BUILDING MANAGEMENT REQUIREMENTS AND PROCEDURES.
8.	WHERE PARTITIONS ARE TO BE REMOVED, REMOVE ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC. TO PANELS AND TERMINATE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.
9.	CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY THEM OR THEIR SUBCONTRACTORS TO EXISTING TO REMAIN CONSTRUCTION. REFINISH TO MATCH EXISTING ADJACENT FINISH.
10.	REMOVE TO SOURCE ALL PIPES, VENTS, APPLIANCES OR DRAINS NOT BEING RE-USED AND TERMINATE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.
11.	REMOVAL OF ALL EQUIPMENT, CABLING, SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED WITH TELEPHONE COMPANIES. SERVICE OWNER OR TENANT DATA/COMMUNICATIONS REPRESENTATIVE AS REQUIRED TO PREVENT NEW CONSTRUCTION DELAYS.
12.	SCOPE INCLUDES: <ul style="list-style-type: none"> A. REMOVAL OF ALL ITEMS OF ANY NATURE SHOWN ON DRAWINGS TO BE REMOVED. B. CONTRACTOR TO DEMO AND REMOVE EXISTING PARTITIONS AND CONSTRUCTION INCLUSIVE OF WALLS, LIGHTING, GRID, TILE AND EQUIPMENT AS SHOWN ON DRAWINGS.
13.	ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL OTHER LOCAL, STATE AND FEDERAL AUTHORITIES HAVING JURISDICTION.
14.	CONTRACTOR SHALL PROVIDE TEMPORARY FIRE RATED, FREE-STANDING COMPOSITE HOARDING PANEL ENCLOSURE ASSEMBLIES AS SHOWN. HOARDING DOORS SHALL ALSO BE FIRE-RATED AND SECURED AT ALL TIMES OF DAY. INSTALL SIGNAGE ON DANGEROUS DANGER CONSTRUCTION AREA DO NOT ENTER. TERMINATE RATED CEILING PANEL INTO BRICK WALL ABOVE DOORS, BELOW EXISTING CEILING.
15.	ALL DIMENSIONS AND CONDITIONS ARE TO BE VERIFIED IN THE FIELD. ARCHITECT TO BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
16.	EXISTING CONSTRUCTION ADJACENT TO ITEMS BEING REMOVED TO BE ADEQUATELY PROTECTED AND PATCHED AND REPAIRED AS REQUIRED. ANY DAMAGE TO EXISTING FINISHES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGED SURFACES TO BE REPAIRED AND REFINISHED TO NEAREST INSIDE CORNER. ALL REPAIR WORK SUBJECT TO APPROVAL BY ARCHITECT/BUILDING MANAGEMENT.
17.	COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES TO REMAIN. DE-ENERGIZE CIRCUITS AND MAKE THEM SAFE AS REQUIRED BY APPLICABLE CODES. RECONNECT CIRCUITS THAT ARE TO REMAIN AND ARE DISRUPTED DURING DEMOLITION.
18.	RECONNECT EXISTING CIRCUITRY WHICH ORIGINATES OR PASSES THROUGH THE RENOVATED AREAS BUT SERVES OTHER AREAS NOT BEING RENOVATED. EXTEND THESE CIRCUITS AS MAY BE NECESSARY TO THE EXISTING PANELBOARDS.
19.	COORDINATE WORK CONCERNING EXISTING EQUIPMENT AND SERVICES IN THE BUILDING WITH OWNER. CONTRACTOR TO CONTACT OWNER TO SCHEDULE A SHUTDOWN AT A TIME CONVENIENT TO OWNER WHEN IT BECOMES NECESSARY TO TEMPORARILY DISTURB OR INTERRUPT SYSTEMS OR SERVICES TO PERMIT DEMOLITION. CONTRACTOR REQUEST MUST BE IN WRITING.
20.	CONTRACTOR TO MAINTAIN ALL EGRESS DOORS, AND ACCESS TO ALL EGRESS EXIT DOORS THROUGHOUT ALL DEMOLITION/NEW CONSTRUCTION ALONG WITH VISIBILITY OF ALL EXIT SIGNS AND FIRE STROBE LIGHTS.
21.	CONTRACTOR TO PROVIDE SUPPLEMENTAL LIGHTING SUFFICIENT FOR SAFE WORKING CONDITIONS THROUGHOUT COURSE OF DEMOLITION/NEW CONSTRUCTION AS REQUIRED.
22.	CONTRACTOR TO COORDINATE PLACEMENT OF DUMPSTER WITH BUILDING MANAGEMENT.
23.	CONTRACTOR TO REMOVE ALL TOOLS, EQUIPMENT AND DEBRIS FROM SITE UPON COMPLETION OF DEMOLITION WORK. REMOVE TEMPORARY STRUCTURAL REQUIREMENTS. PREPARE SURFACES TO RECEIVE NEW FINISHES AS REQUIRED. FINISHES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
24.	CONTRACTOR TO GIVE A MINIMUM 7-DAYS PRIOR OR REASONABLE NOTICE TO THE OWNER FOR ANY SCHEDULED DEMOLITION OF CONSTRUCTION ACTIVITY THAT IS EXCESSIVELY LOUD BEYOND NORMAL CONSTRUCTION NOISE. THE INTENT IS TO AVOID DISRUPTION TO ADMINISTRATION AREAS OR EVENTS ADJACENT TO CONSTRUCTION AREA.
25.	THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION. WSU REQUIRES THAT ALL FOREMAN AND CONTRACTORS SIGN A COPY OF THEIR CONTRACTOR GUIDELINES. PROPER CONDUCT IS EXPECTED OF WORKERS AT ALL TIMES. CONTRACTOR SHALL KEEP ALL NOISE TO A REASONABLE LEVEL. WORKERS WILL BE REMOVED FROM CAMPUS FOR IMPROPER OR UNSAFE CONDUCT THAT INCLUDES LOUD MUSIC, FOUL LANGUAGE OR OTHER UNPROFESSIONAL, DISRUPTIVE BEHAVIOR. FAILURE OF COMPLIANCE WITH ALL SAFETY REGULATIONS AND REQUIREMENTS WILL NOT BE ALLOWED.
26.	CONTRACTORS MUST HAVE FOREMAN ATTEND WEEKLY JOB PROGRESS MEETINGS WHILE ON SITE.
27.	MAINTAIN ALL EXISTING UTILITIES AND FIRE-PROTECTION FACILITIES AND PROTECT THEM AGAINST DAMAGE DURING ALL CONSTRUCTION OPERATIONS.

ASBESTOS ABATEMENT GENERAL NOTES	
REFER TO ASBESTOS INSPECTION TESTING REPORT BY OWNERS REPRESENTATIVE ETC ENVIRONMENTAL SERVICES, PREPARED ON DECEMBERS 12 2014. CONTACT OWNERS REPRESENTATIVE PRIOR TO DEMOLITION TO COORDINATE THE REMOVAL OF ANY IDENTIFIED ACM'S WITHIN PROJECT AREA WITH OWNERS THIRD PARTY ABATEMENT CONTRACTOR.	
Owner Representative: Wayne State University Ron Kahale, Project Manager Phone: 248 202 6082 Email: hsp152@wayne.edu	



2 MEZZANINE DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Project Component	
Key Plan	
Consultants	
Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
AV/Technology:	HEAPY



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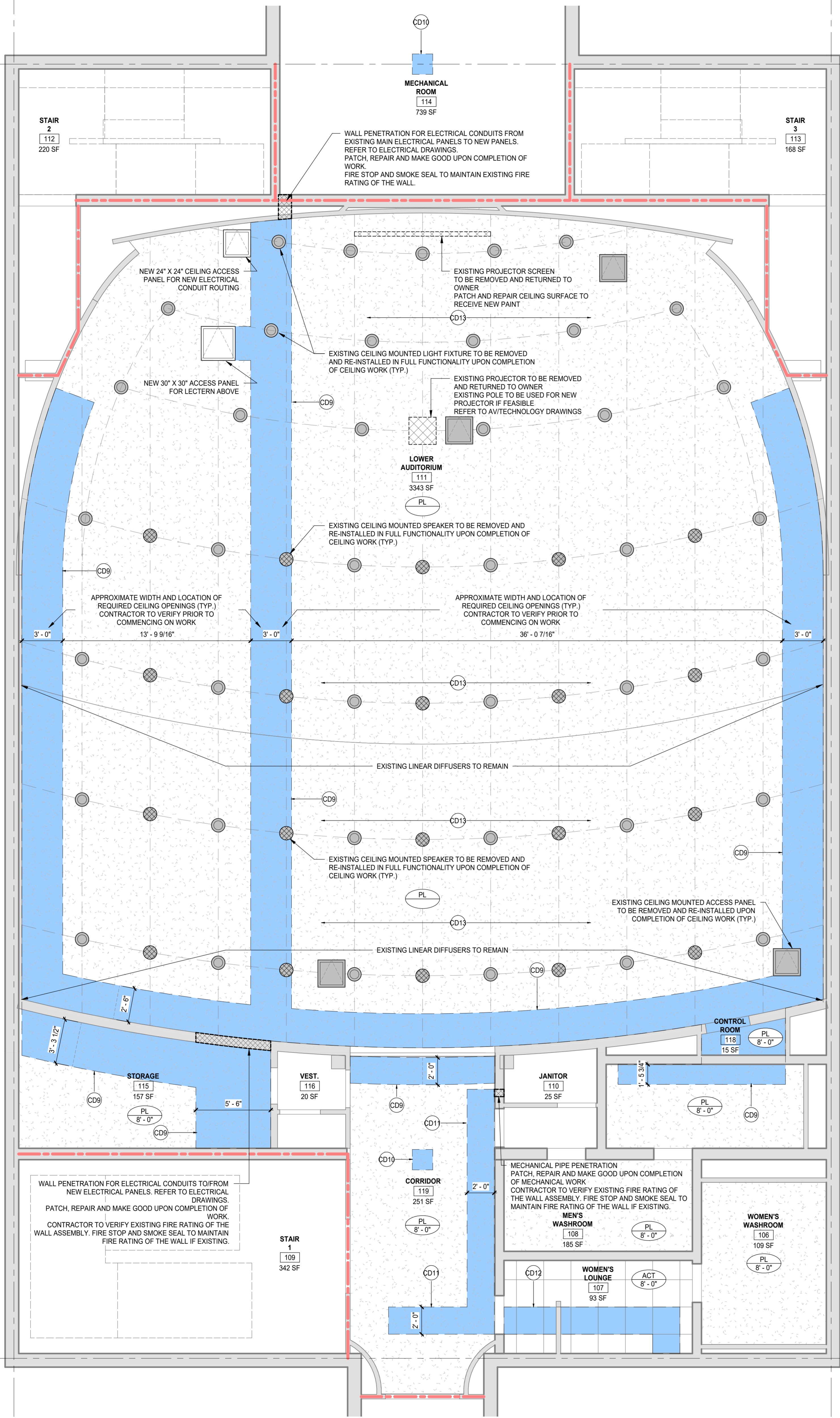
Project Manager	Drawn
Valentino Mancini	Cem Muyan
Project Leader	Checked
Cherlique Menard	Valentino Mancini
Client	
WAYNE STATE UNIVERSITY	

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US

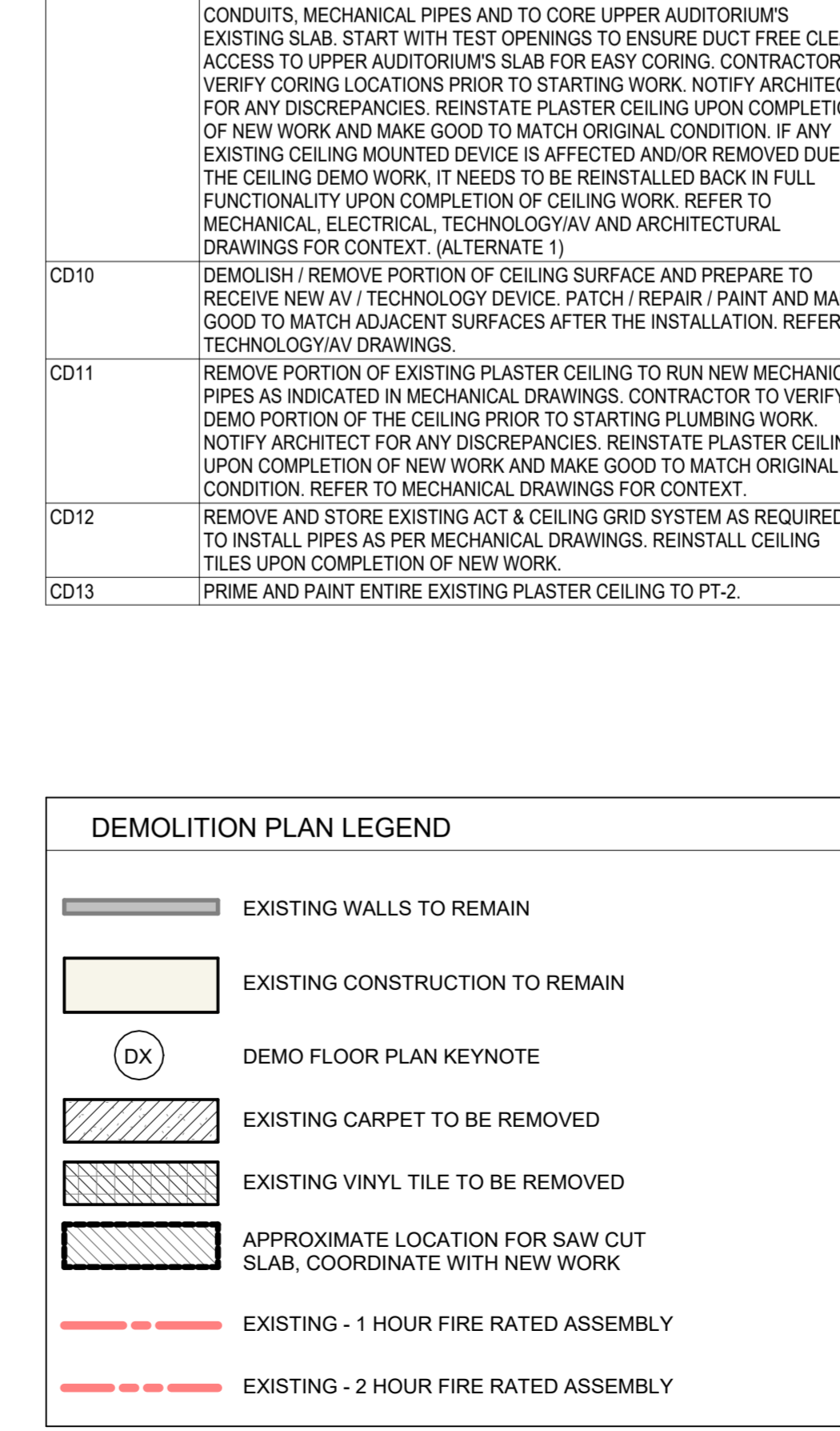
Drawing Title
FIRST FLOOR DEMOLITION PLAN

Scale	As indicated
Project No.	ED2024-0062
Drawing No.	A10-02

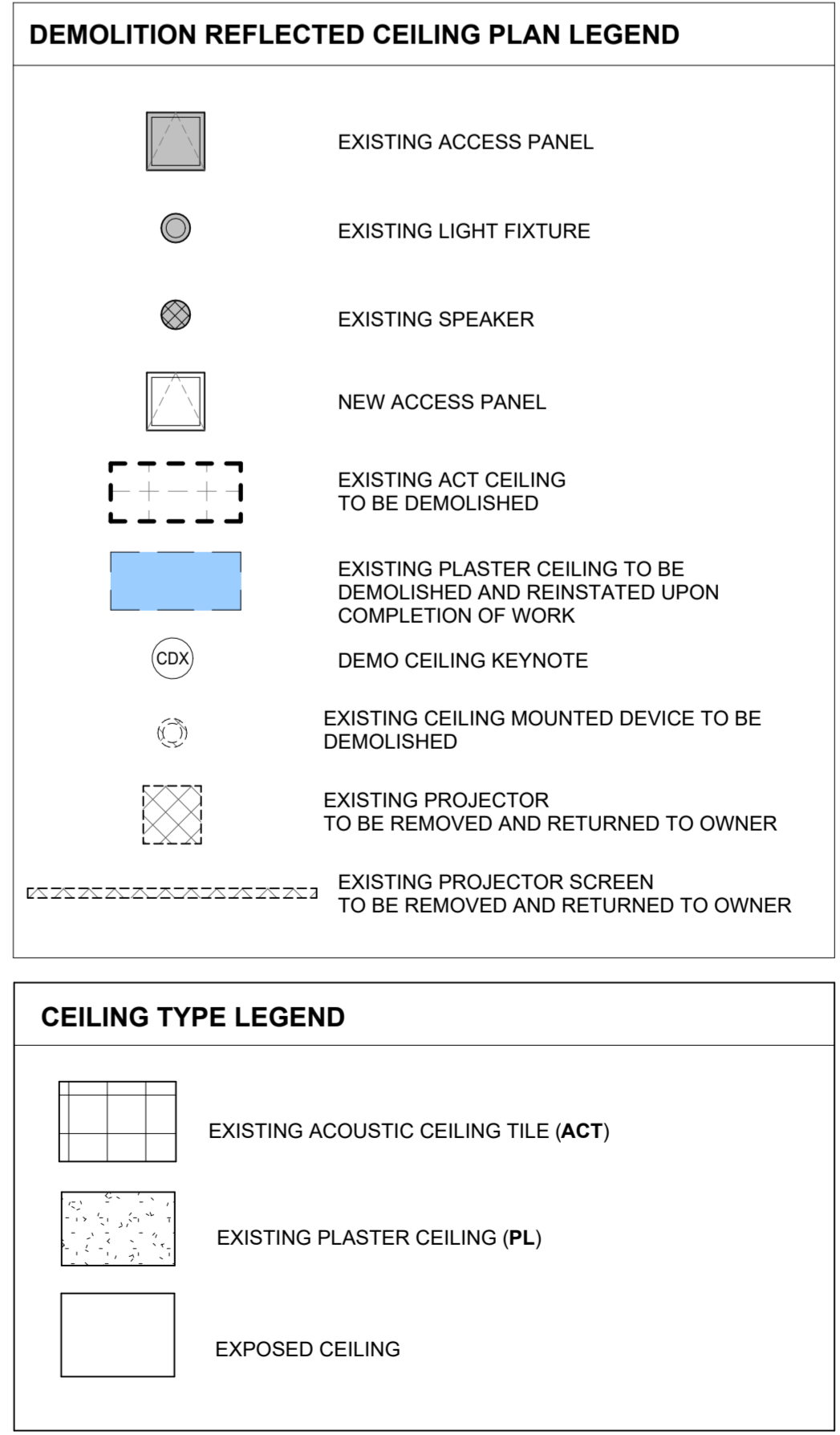


FLOOR PLAN DEMOLITION NOTES	
Key Value	Keynote Text
D12	INFILL EXISTING CORING ON FLOOR SLAB AND MAKE GOOD TO RECEIVE NEW FINISH.
D32	CONTRACTOR SHALL PROPERLY REMOVE AND DISPOSE OF ASBESTOS CONTAINING 12 X 12 FLOOR TILE AND ASSOCIATED ADHESIVES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRANSITION STRIPS, NOSINGS, AND OTHER BUILT-IN COMPONENTS ATTACHED TO FLOORING SCHEDULED FOR REMOVAL. CONTRACTOR SHALL CLEAN SOLVENTS FROM SUBSTRATE PER THE MANUFACTURER'S DIRECTIONS TO ALLOW FOR INSTALLATION OF NEW FLOORING. REMOVE ANY AND ALL FLOORING MATERIALS APPLIED COMPLETELY DOWN TO THE SUBSTRATE. ONLY CONCRETE TO REMAIN. SLAB SHALL BE GROUND, SANDED AND OR SCRAPPED AND LEVEL USING SELF-LEVELLING UNDERLAYMENT AS REQUIRED. TO RECEIVE THE NEW SPECIFIED FINISH. REFER TO ASBESTOS ABATEMENT GENERAL NOTES PRIOR TO COMMENCEMENT OF REMOVAL WORK.
D33	DEMOLISH EXISTING FULLY ADHERED 12X12 VINYL TILE DOWN TO THE CONCRETE SLAB. DEMOLISH EXISTING TRANSITION STRIPS AND NOSINGS. SLAB SHALL BE GROUND, SANDED AND/OR SCRAPPED AND LEVEL USING SELF-LEVELLING UNDERLAYMENT AS REQUIRED. TO RECEIVE THE NEW SPECIFIED FINISH.
D43	DEMOLISH EXISTING FULLY ADHERED CARPET DOWN TO THE CONCRETE SLAB. DEMOLISH EXISTING TRANSITION STRIPS AND NOSINGS. SLAB AND WALL SURFACE SHALL BE GROUND, SANDED AND OR SCRAPPED AS REQUIRED TO RECEIVE THE NEW SPECIFIED FINISH. LEVEL 1/2" DEPRESSION ON THE SLAB AND MATCH ADJACENT FLOOR SURFACES USING SELF-LEVELLING UNDERLAYMENT. PREPARE SURFACES TO RECEIVE NEW SPECIFIED FLOORING FINISH PER MANUFACTURER'S STANDARDS AND RECOMMENDATIONS.
D48	REMOVE ALL SEATS WITH ASSOCIATED HARDWARE INCLUDING ALL SEAT ANCHORS AND PREPARE FLOOR FOR NEW WORK.
D49	REMOVE FLOOR MOUNTED DESK WITH ASSOCIATED HARDWARE.
D50	PROVIDE PROTECTION TO THE EXISTING DOOR WITH ASSOCIATED HARDWARE DURING RENOVATION WORK.
D51	MARBLE WALL BASE TO BE CLEANED, FIXED AS NEEDED AND MADE GOOD TO MATCH ORIGINAL LOOK.
D52	REMOVE EXISTING WIRE MESH STORAGE UNITS AS REQUIRED TO ACCOMMODATE NEW ELECTRICAL PANELS ON THE WALL. PATCH AND REPAIR WALL SURFACES TO MAKE GOOD AND MATCH EXISTING ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS FOR PANEL DETAILS. (ALTERNATE 2)
D53	DEMOLISH FURRING WALL TO ALLOW FOR ELECTRICAL CONDUITS TO BE ROUTED FROM CEILING TO FLOOR SLAB FOR PORTABLE SEATING. REFER TO ELECTRICAL FOR LOCATIONS. MAKE GOOD WALL SURFACE TO MATCH EXISTING CONDITION AND RECEIVE NEW PAINT. (ALTERNATE 1)
D54	SAW CUT AND REMOVE PORTION OF EXISTING SLAB TO ALLOW FOR NEW 3/4" DIA. ELECTRICAL CONDUIT TO BE EMBEDDED WITHIN NEW CONCRETE INFILL. CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL. CONTRACTOR TO VERIFY LOCATIONS SHOWN ON DRAWINGS BY SCANNING EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND ARCHITECTURAL DETAILS. (ALTERNATE 1)
D55	CORE DRILL EXISTING CONCRETE SLAB TO ALLOW FOR NEW ELECTRICAL CONDUIT TO COME UP FROM LOWER LEVEL CEILING. (TYPICAL FOR ALL CORING LOCATIONS SHOWN ON DRAWINGS). CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL. CONTRACTOR TO VERIFY LOCATIONS BY SCANNING EXISTING CONCRETE SLAB AND TO ENSURE NO INTERFERENCE WITH STRUCTURAL BEAMS AND MECHANICAL DUCTS BELOW SLAB. REFER TO DETAILS AND ELECTRICAL DRAWINGS. (ALTERNATE 1)
D56	REMOVE AND REINSTALL/REFURBISH EXISTING WOOD BASE FOLLOWING INSTALLATION OF NEW CARPET.
D57	REMOVE EXISTING LECTERN AND ALL ASSOCIATED HARDWARE AND EQUIPMENT ALONG WITH IN-FLOOR RACEWAY AND WIREMOLD ON STAGE.
D58	REMOVE WALL MOUNTED PROJECTOR SCREEN ALONG WITH SPEAKERS AND RETURN TO OWNER. PATCH, REPAIR AND MAKE GOOD WALL SURFACES TO MATCH ADJACENT ORIGINAL CONDITION TO RECEIVE NEW PAINT FINISH. REFER TO TECHNOLOGY/AV DRAWINGS.
D59	REMOVE AUDIO VISUAL EQUIPMENT. REFER TO TECHNOLOGY/AV DRAWINGS FOR ITEMS.
D60	DEMOLISH/REMOVE PORTION OF WALL SURFACE AND PREPARE TO RECEIVE NEW AV/TECHNOLOGY DEVICE. PATCH/REPAIR/PAINT AND MAKE GOOD TO MATCH ADJACENT SURFACES AFTER THE INSTALLATION. REFER TO TECHNOLOGY/AV DRAWINGS.
D61	SAW CUT AND REMOVE PORTION OF EXISTING 1/2" DEPRESSION CONDUIT TO BE EMBEDDED WITHIN NEW CEMENTITIOUS SELF-LEVELLING INFILL. CONTRACTOR TO COORDINATE LOCATIONS WITH SEAT MANUFACTURER AND ELECTRICAL. CONTRACTOR TO VERIFY LOCATIONS SHOWN ON DRAWINGS BY SCANNING EXISTING CONCRETE SLAB. REFER TO ELECTRICAL DRAWINGS AND ARCHITECTURAL DETAILS. (ALTERNATE 1)
D62	SAW CUT AND REMOVE PORTION OF EXISTING SLAB TO ALLOW FOR NEW MECHANICAL PIPES TO BE ROUTED DOWN TO THE LOWER FLOOR/CEILING. UPON COMPLETION OF PLUMBING WORK, REINSTATE REMOVED PORTION OF SLAB. ALONG WITH FLOORING CONTRACTOR TO MATCH EXISTING CONDITION OF ADJACENT FLOOR AREA AND ENSURE FIRE RATING OF THE SLAB IS MAINTAINED. REFER TO MECHANICAL DRAWINGS.
D63	DEMOLISH PORTION OF THE WALL FOR THE MECHANICAL PIPES/DUCTS TO PENETRATE THROUGH TO THE ADJACENT SPACE. PATCH, REPAIR AND REPAIR DEMOLISHED PORTION OF THE WALL AND MAKE GOOD TO MATCH EXISTING ADJACENT SURFACES. ENSURE FIRE RATING IS MAINTAINED UPON COMPLETION OF WORK. REFER TO MECHANICAL DRAWINGS FOR ROUTING. INCLUDE IN BASE BID. EXISTING ACOUSTIC WALL PANNELLING TO REMAIN. COORDINATE WITH NEW WORK. ALTERNATE 4: DEMOLISH EXISTING ACOUSTIC WALL PANNELLING AND WOOD TRIMS. INSTALL NEW ACOUSTIC WALL PANNELLING AND WOOD TRIMS (PRIMED AND PAINTED). COORDINATE WITH ELECTRICAL AND AV/TECHNOLOGY DRAWINGS FOR NEW WALL MOUNTED DEVICE LOCATIONS. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND DETAILS FOR WALL MOUNTED DEVICE LOCATIONS AND ACOUSTIC WALL PANNELLING DETAILS. (ALTERNATE 4)
D65	REMOVE EXISTING DIFFUSER MUSHROOM CAPS AND FLANGES PRIOR TO TILE REMOVAL. PRIME AND PAINT TO PT.3. STORE AND RE-INSTALL FOLLOWING NEW FLOOR FINISH WORK.

REFLECTED CEILING PLAN DEMOLITION NOTES	
Key Value	Keynote Text
CD9	REMOVE PORTION OF EXISTING PLASTER CEILING TO RUN ELECTRICAL CONDUITS, MECHANICAL PIPES AND TO CORER UPPER AUDITORIUM'S EXISTING SLAB. START WITH TEST OPENINGS TO ENSURE DUCT FREE CLEAR ACCESS TO UPPER AUDITORIUM'S SLAB FOR EASY CORING. CONTRACTOR TO VERIFY CORING LOCATIONS PRIOR TO STARTING WORK. NOTIFY ARCHITECT FOR ANY DISCREPANCIES. REINSTATE PLASTER CEILING UPON COMPLETION OF NEW WORK AND MAKE GOOD TO MATCH ORIGINAL CONDITION. IF ANY EXISTING CEILING MOUNTED DEVICE IS AFFECTED AND/OR REMOVED DUE TO THE CEILING DEMO WORK, IT NEEDS TO BE RE-INSTALLED BACK IN FULL FUNCTIONALITY UPON COMPLETION OF CEILING WORK. REFER TO MECHANICAL, ELECTRICAL, TECHNOLOGY/AV AND ARCHITECTURAL DRAWINGS FOR CONTEXT. (ALTERNATE 1)
CD10	DEMOLISH/REMOVE PORTION OF CEILING SURFACE AND PREPARE TO RECEIVE NEW AV/TECHNOLOGY DEVICE. PATCH/REPAIR/PAINT AND MAKE GOOD TO MATCH ADJACENT SURFACES AFTER THE INSTALLATION. REFER TO TECHNOLOGY/AV DRAWINGS.
CD11	REMOVE PORTION OF EXISTING PLASTER CEILING TO RUN NEW MECHANICAL PIPES AS INDICATED IN MECHANICAL DRAWINGS. CONTRACTOR TO VERIFY DEMO PORTION OF THE CEILING PRIOR TO STARTING PLUMBING WORK. NOTIFY ARCHITECT FOR ANY DISCREPANCIES. REINSTATE PLASTER CEILING UPON COMPLETION OF NEW WORK AND MAKE GOOD TO MATCH ORIGINAL CONDITION. REFER TO MECHANICAL DRAWINGS FOR CONTEXT.
CD12	REMOVE AND STORE EXISTING ACT & CEILING GRID SYSTEM AS REQUIRED TO INSTALL PIPES AS PER MECHANICAL DRAWINGS. REINSTATE CEILING TILES UPON COMPLETION OF NEW WORK.
CD13	PRIME AND PAINT ENTIRE EXISTING PLASTER CEILING TO PT-2.



DEMOLITION GENERAL NOTES	
1.	OBTAIN DEMOLITION PERMITS AND INCLUDE ALL COSTS OF SAME IN CONTRACT PRICE, IF REQUIRED. INCLUDE ALL SALES TAX IN BASE BID ALONG WITH PERMIT COSTS.
2.	FURNISH ALL LABOR AND MATERIALS/EQUIPMENT AS REQUIRED TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED.
3.	PROVIDE STRICT CONTROL OF JOB CLEANING AND PREVENT DUST AND DEBRIS FROM EMANATING FROM DEMOLITION/CONSTRUCTION AREA.
4.	KEEP AREA CLEAN.
5.	IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE TENANT BEFORE PROCEEDING.
6.	AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED AND JOB SITE KEPT CLEAN ON A DAILY BASIS.
7.	WHERE PARTITIONS ARE TO BE REMOVED, REMOVE ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC. TO PANELS AND TERMINATE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.
8.	CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY THEM OR THEIR SUBCONTRACTORS TO EXISTING TO REMAIN CONSTRUCTION. REFINISH TO MATCH EXISTING ADJACENT FINISH.
9.	REMOVE TO SOURCE ALL PIPES, VENTS, APPLIANCES OR DRAINS NOT BEING RE-USED AND TERMINATE IN COMPLIANCE WITH APPLICABLE BUILDING CODES.
10.	REMOVAL OF ALL EQUIPMENT, CABLING, SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED WITH TELEPHONE COMPANIES. SERVICE OWNER OR TENANT DATA/COMMUNICATIONS REPRESENTATIVE AS REQUIRED TO PREVENT NEW CONSTRUCTION DELAYS.
11.	SCOPE INCLUDES: <ul style="list-style-type: none"> A. REMOVAL OF ALL ITEMS OF ANY NATURE SHOWN ON DRAWINGS TO BE REMOVED. B. CONTRACTOR TO DEMO AND REMOVE EXISTING PARTITIONS & CONSTRUCTION INCLUSIVE OF WALLS, LIGHTING, GRID, TILE AND EQUIPMENT AS SHOWN ON DRAWINGS.
12.	ALL WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL OTHER LOCAL, STATE AND FEDERAL AUTHORITIES HAVING JURISDICTION.
13.	CONTRACTOR SHALL PROVIDE TEMPORARY FIRE RATED, FREE-STANDING COMPOSITE HOARDING PANEL ENCLOSURE ASSEMBLIES AS SHOWN. HOARDING DOORS SHALL ALSO BE FIRE-RATED AND SECURED AT ALL TIMES OF DAY. INSTALL SIGNAGE ON DOORS INDICATING DANGER CONSTRUCTION AREA DO NOT ENTER. TERMINATE RATED CEILING PANEL INTO BRICK WALL ABOVE DOORS, BELOW EXISTING CEILING.
14.	ALL DIMENSIONS AND CONDITIONS ARE TO BE VERIFIED IN THE FIELD. ARCHITECT TO BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCIES.
15.	EXISTING CONSTRUCTION ADJACENT TO ITEMS BEING REMOVED TO BE ADEQUATELY PROTECTED AND PATCHED AND REPAIRED AS REQUIRED. ANY DAMAGE TO EXISTING FINISHES TO REMAIN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DAMAGED SURFACES TO BE REPAIRED AND REFINISHED TO NEAREST INSIDE CORNER. ALL REPAIR WORK SUBJECT TO APPROVAL BY ARCHITECT/BUILDING MANAGEMENT.
16.	MAINTAIN ALL ABOVE CEILING DUCTWORK, DIFFUSERS, GRILLES, OR OTHER EQUIPMENT AS REQUIRED FOR PROPER DISTRIBUTION OF AIR. TEMPORARILY HANG EQUIPMENT FROM CEILING IF NECESSARY. CONTRACTOR TO INSTALL FILTER OR GAUZE MATERIAL AT BUILDING'S HVAC RETURN OPENINGS TO MINIMIZE DUST IN HVAC SYSTEM.
17.	COORDINATE ALL WORK CONCERNING EXISTING EQUIPMENT AND SERVICES TO REMAIN. DE-ENERGIZE CIRCUITS AND MAKE THEM SAFE AS REQUIRED BY APPLICABLE CODES. RECONNECT CIRCUITS THAT ARE TO REMAIN AND ARE DISRUPTED DURING DEMOLITION.
18.	RECONNECT EXISTING CIRCUITRY WHICH ORIGINATES OR PASSES THROUGH THE RENOVATED AREAS BUT SERVES OTHER AREAS NOT BEING RENOVATED. EXTEND THESE CIRCUITS AS MAY BE NECESSARY TO THE EXISTING PANELBOARDS.
19.	COORDINATE WORK CONCERNING EXISTING EQUIPMENT AND SERVICES IN THE BUILDING WITH OWNER. CONTRACTOR TO CONTACT OWNER TO SCHEDULE SHUTDOWN AT A TIME CONVENIENT TO OWNER WHEN IT BECOMES NECESSARY TO TEMPORARILY DISTURB OR INTERRUPT SYSTEMS OR SERVICES TO PERMIT DEMOLITION. CONTRACTOR REQUEST MUST BE IN WRITING.
20.	CONTRACTOR TO MAINTAIN ALL EGRESS DOORS, AND ACCESS TO ALL EGRESS EXIT DOORS THROUGHOUT ALL DEMOLITION/NEW CONSTRUCTION ALONG WITH VISIBILITY OF ALL EXIT SIGNS AND FIRE STROBE LIGHTS.
21.	CONTRACTOR TO PROVIDE SUPPLEMENTAL LIGHTING SUFFICIENT FOR SAFE WORKING CONDITIONS THROUGHOUT COURSE OF DEMOLITION/NEW CONSTRUCTION AS REQUIRED.
22.	CONTRACTOR TO COORDINATE PLACEMENT OF DUMPSTER WITH BUILDING MANAGEMENT.
23.	CONTRACTOR TO REMOVE ALL TOOLS, EQUIPMENT AND DEBRIS FROM SITE UPON COMPLETION OF DEMOLITION WORK. REMOVE TEMPORARY PROTECTION AND LEAVE INTERIOR AREAS BROOM CLEAN.
24.	PREP AND PATCH WALLS, CEILING AND FLOORS AT ALL DEMOLITION POINTS. REPAIR AS REQUIRED TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PREPARE SURFACES TO RECEIVE NEW FINISHES, AS REQUIRED. FINISHES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
25.	CONTRACTOR TO GIVE A MINIMUM 7-DAYS PRIOR OR REASONABLE NOTICE TO THE OWNER FOR ANY SCHEDULED DEMOLITION OF CONSTRUCTION ACTIVITY THAT IS EXCESSIVELY LOUD BEYOND NORMAL CONSTRUCTION NOISE. THE INTENT IS TO AVOID DISRUPTION TO ADMINISTRATION AREAS OR EVENTS ADJACENT TO CONSTRUCTION AREA.
26.	THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION. WSU REQUIRES THAT ALL FOREMAN AND CONTRACTORS SIGN A COPY OF THEIR CONTRACTOR GUIDELINES. PROPER CONDUCT IS EXPECTED OF WORKERS AT ALL TIMES. CONTRACTOR SHALL KEEP ALL NOISE TO REASONABLE LEVEL. WORKERS WILL BE REMOVED FROM CAMPUS FOR IMPROPER OR UNSAFE CONDUCT THAT INCLUDES LOUD MUSIC, FOUL LANGUAGE OR OTHER UNPROFESSIONAL BEHAVIOR. FAILURE OF COMPLIANCE WITH ALL SAFETY REGULATIONS AND REQUIREMENTS WILL NOT BE ALLOWED. CONTRACTORS MUST HAVE FOREMAN ATTEND WEEKLY JOB PROGRESS MEETINGS WHILE ON SITE.
27.	CONTRACTORS MUST HAVE FOREMAN ATTEND WEEKLY JOB PROGRESS MEETINGS WHILE ON SITE.
28.	MAINTAIN ALL EXISTING UTILITIES AND FIRE-PROTECTION FACILITIES AND PROTECT THEM AGAINST DAMAGE DURING ALL CONSTRUCTION OPERATIONS.



DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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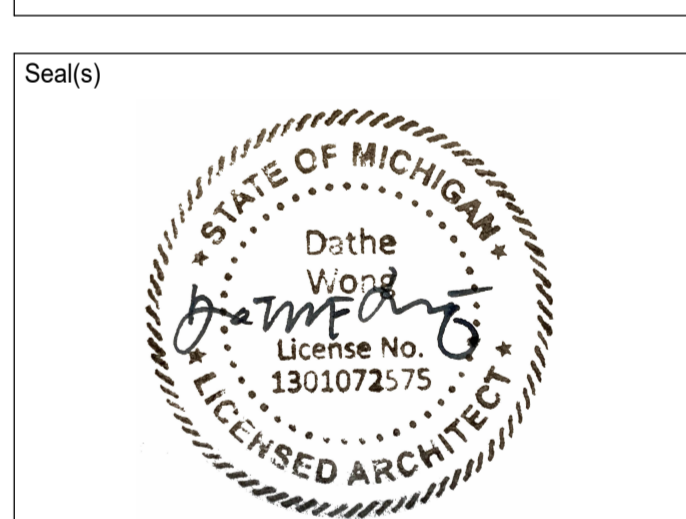
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Project Component

Key Plan

Consultants

Architecture: NORR
Structural: NORR
Mechanical: NORR
Electrical: NORR
Interiors: NORR
AV/Technology: HEAPY



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Project Manager: Valentino Mancini
Project Leader: Choderique Menard
Client: WAYNE STATE UNIVERSITY

Drawn: Cem Muyan
Checked: Valentino Mancini

Project: WSU - DeRoy Building Renovations

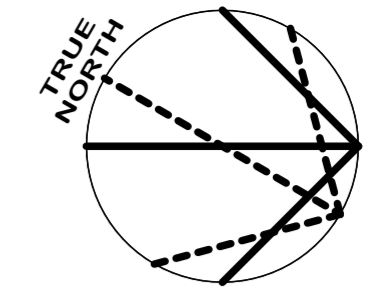
Detroit, Michigan, US
Drawing Title: BASEMENT CEILING DEMOLITION PLAN

Scale: As indicated

Project No: ED2024-0062

Drawing No: A10-03

A10-03



DATE	ISSUED FOR	REV
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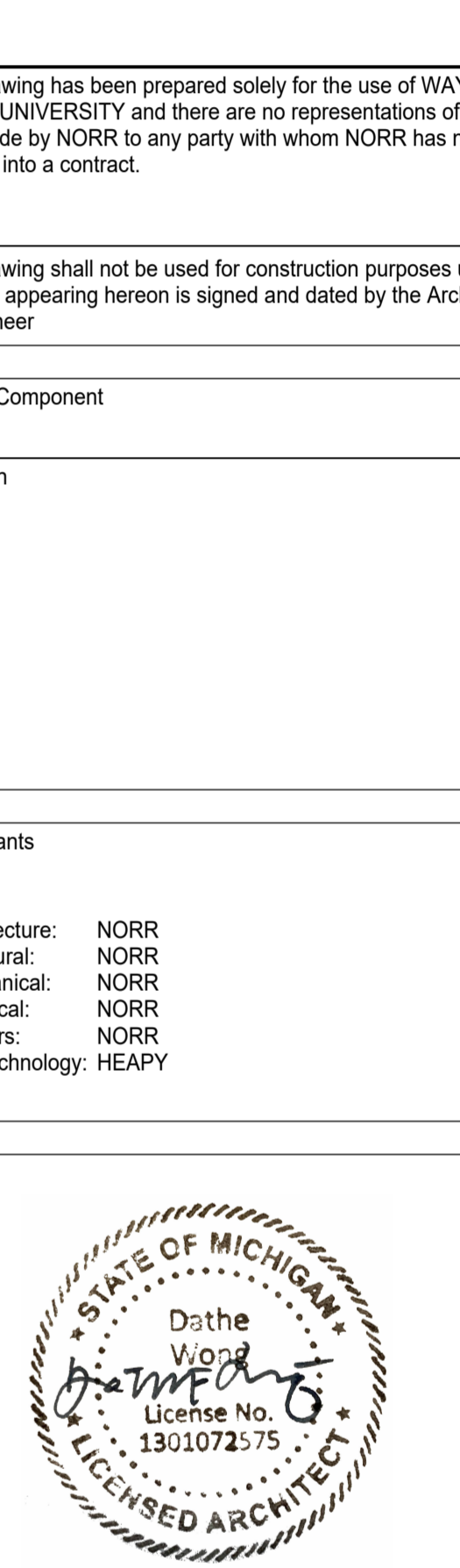
Project Component

Key Plan

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 Electrical: NORR
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 AV/Technology: HEAPY

Seal(s)



NORR

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Project Manager: Valentino Mancini
 Drawn: Cem Muyan
 Project Leader: Chadrrique Menard
 Checked: Valentino Mancini

Client: **WAYNE STATE UNIVERSITY**

Project: **WSU - DeRoy Building Renovations**

DETROIT, MICHIGAN, US

Drawing Title: **BASEMENT FLOOR PLAN**

Scale: As indicated

Project No.: ED2024-0062

Drawing No.: **A20-01**

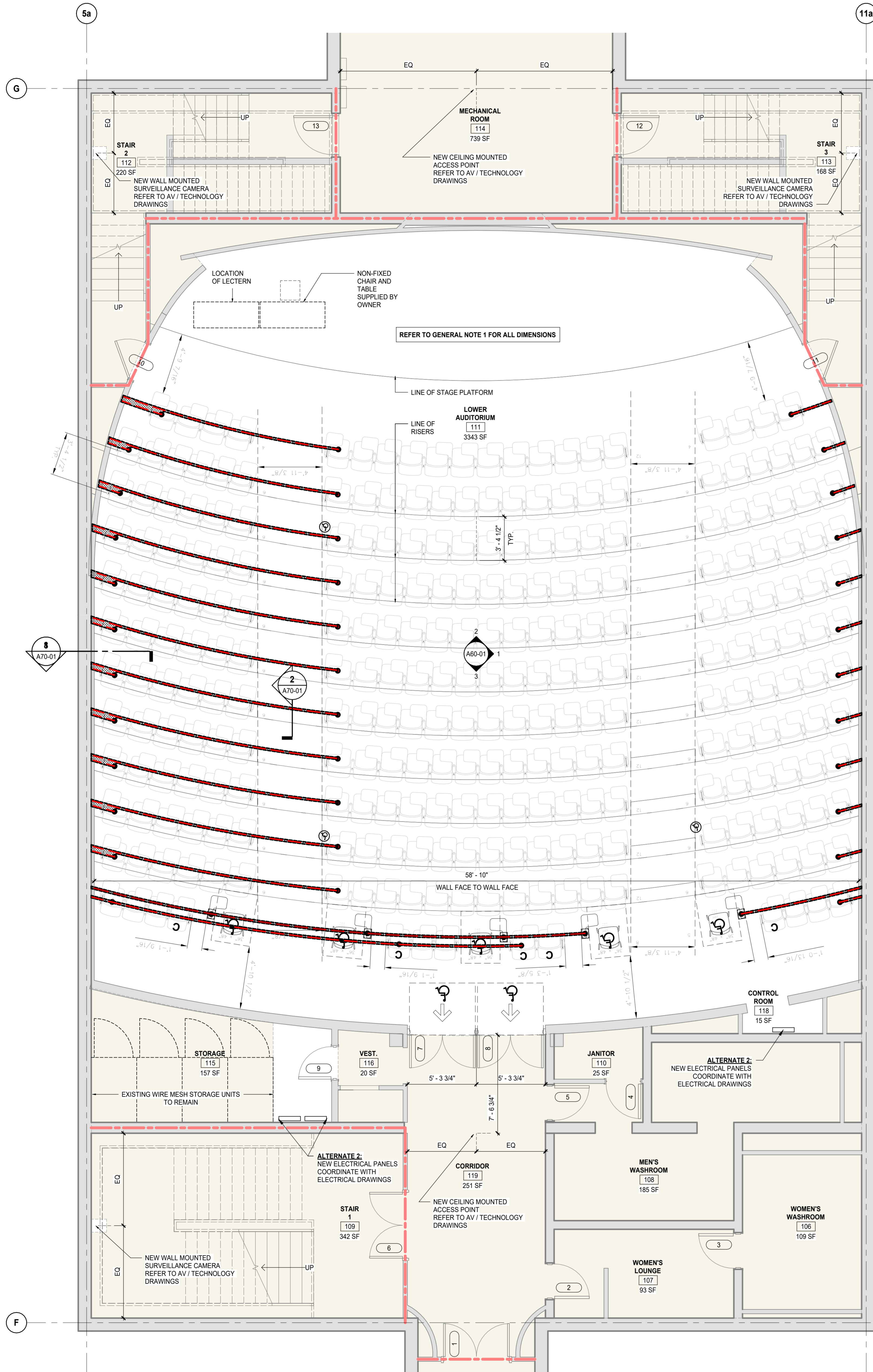
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GENERAL NOTES - FLOOR PLAN

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT CONFLICTS IN WRITING TO THE OWNER / OWNERS REPRESENTATIVE.
2. IN THE PRESENCE OF ASBESTOS, ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER.
3. CONTRACTOR TO PROTECT ALL EXISTING ADJACENT CONSTRUCTION TO REMAIN.
4. CONTRACTOR TO REPAIR ANY DAMAGED EXISTING CONSTRUCTION TO MATCH EXISTING.
5. REFER TO SPECIFICATIONS 012300-ALTERNATES FOR DESCRIPTION OF ALTERNATE SCOPE OF WORK.

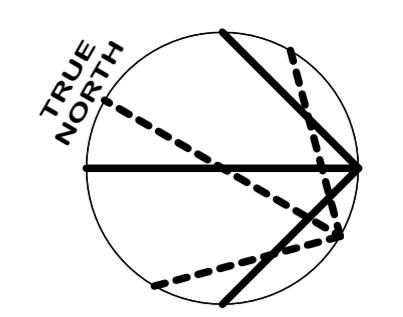
GENERAL FLOOR PLAN LEGEND

- EXISTING PARTITION TO REMAIN
- EXISTING DOOR TO REMAIN
- NEW PARTITION, SEE PARTITION TAGS AND TYPES
- NEW PARTITION TAG, SEE PARTITION TYPES
- NEW DOOR & DOOR TAG WITH DOOR NUMBER
- ROOM NAME: ROOM TAG
- KEYNOTE TAG
- NEW CONCRETE TOPPING INFILL
- REQUIRED CLEARANCE AREA
- EXISTING MECHANICAL MUSHROOM DIFFUSERS
- NEW POKE-THRU DEVICE / CORING LOCATIONS (UPPER AUDITORIUM) JUNCTION BOX LOCATIONS (LOWER AUDITORIUM) REFER TO ELECTRICAL DRAWINGS
- EXISTING - 1 HOUR FIRE RATED ASSEMBLY
- EXISTING - 2 HOUR FIRE RATED ASSEMBLY

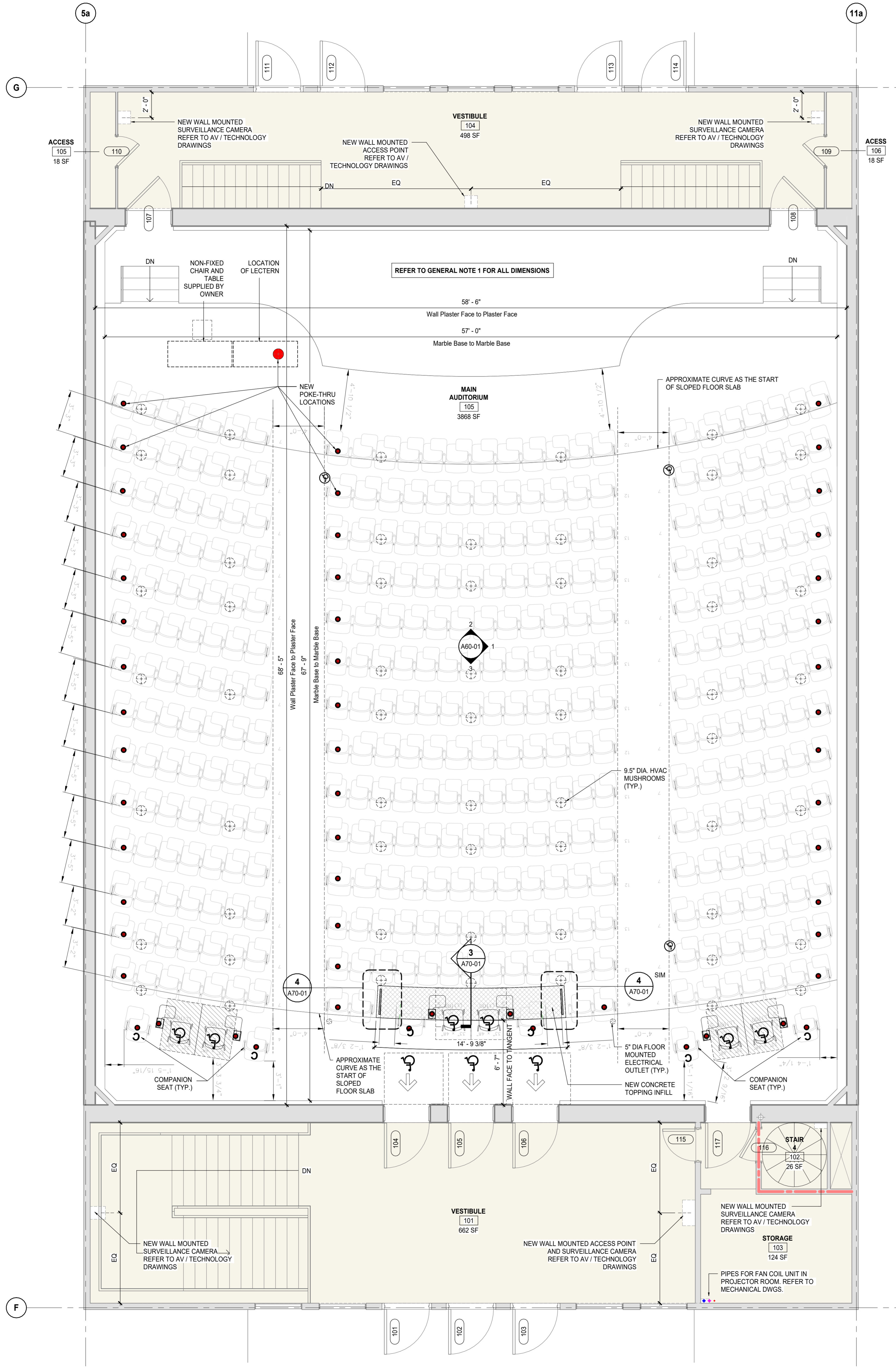


1 LOWER AUDITORIUM FLOOR PLAN
 SCALE: 1/4" = 1'-0"

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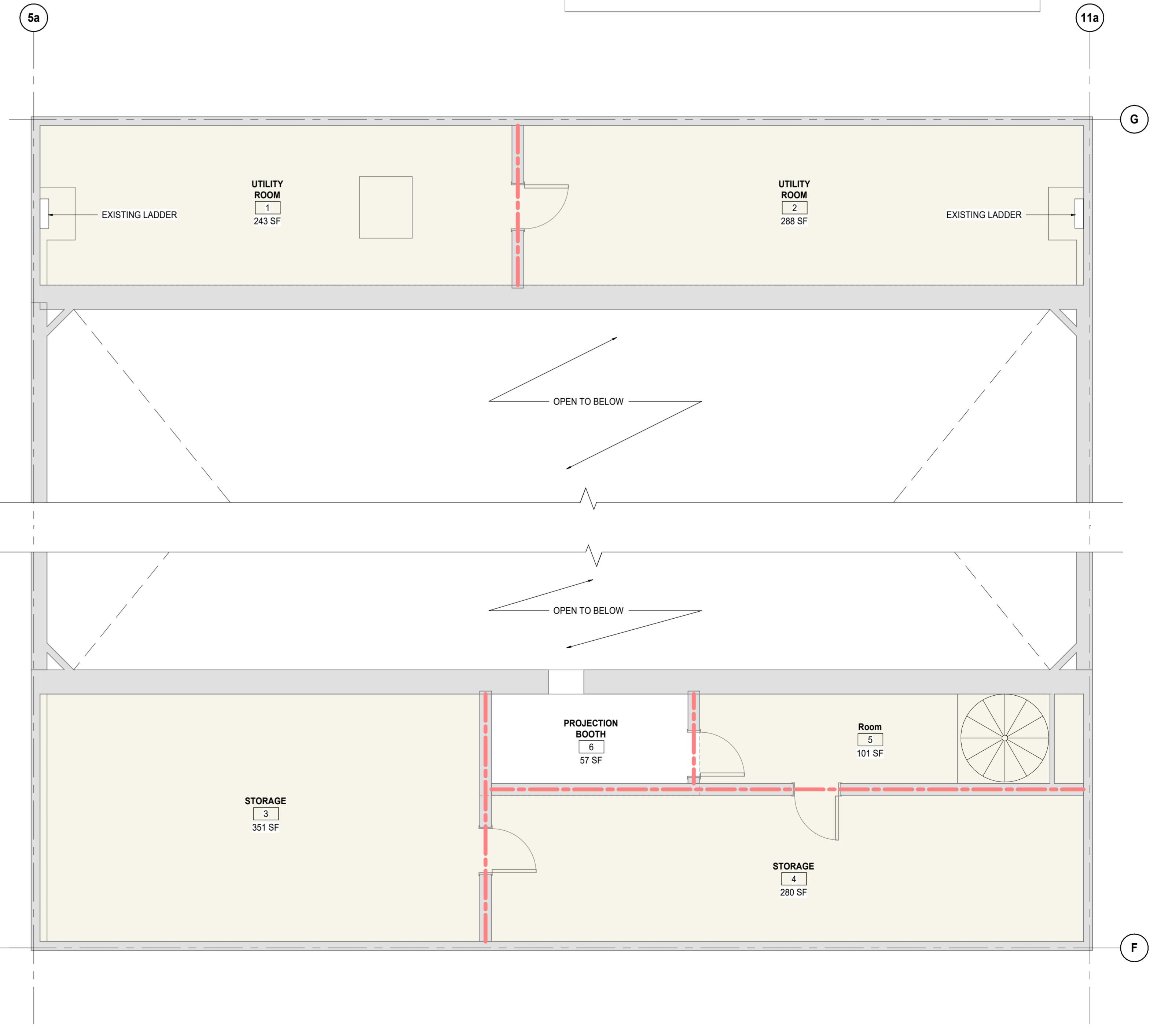
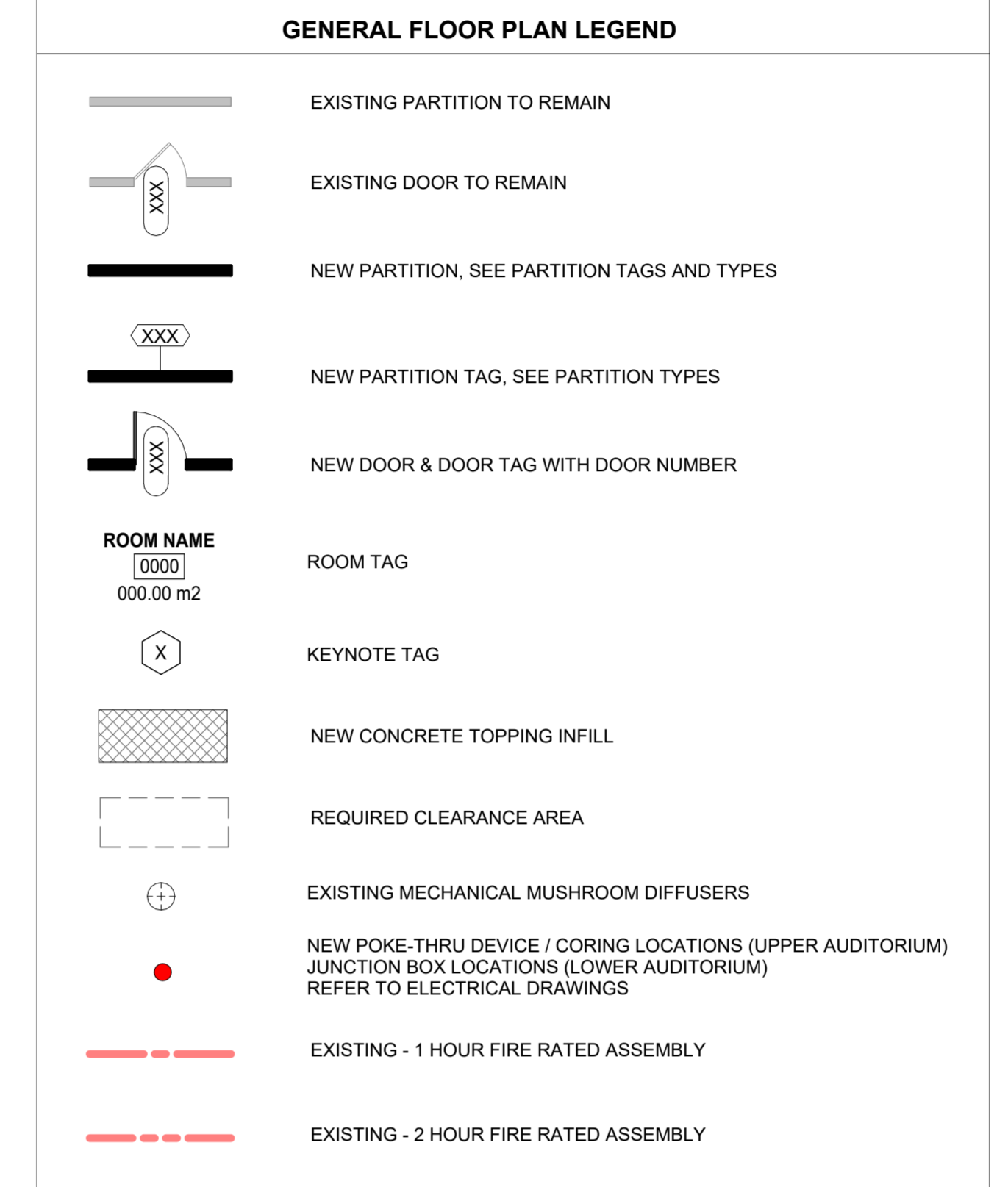


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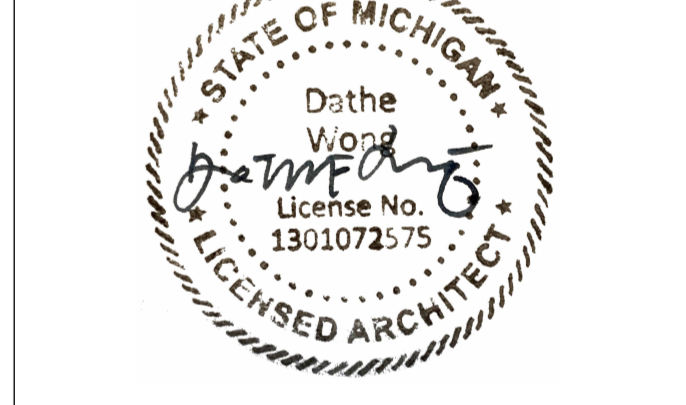
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3

Consultants

Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 AV/Technology: HEAPPY

Seal(s)



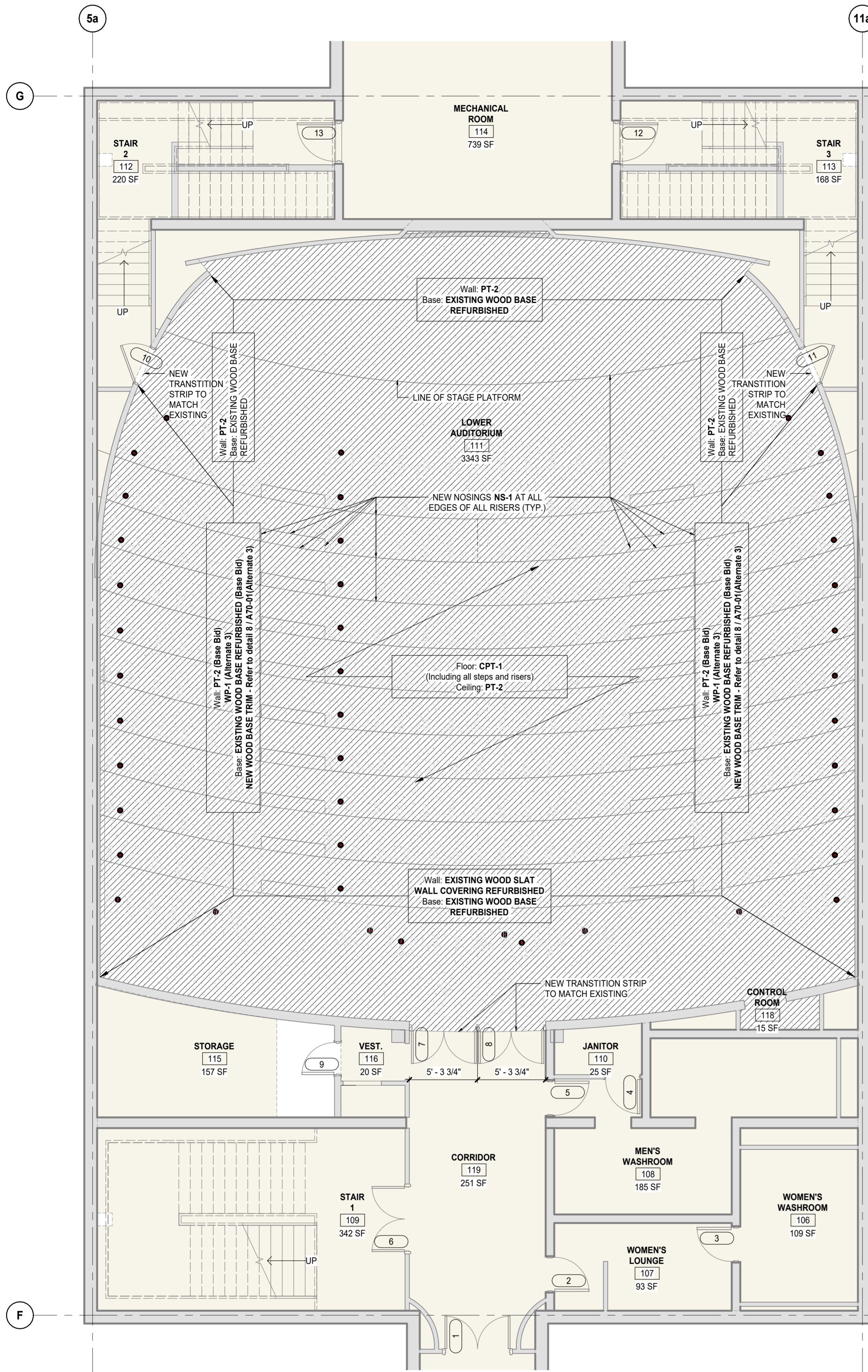
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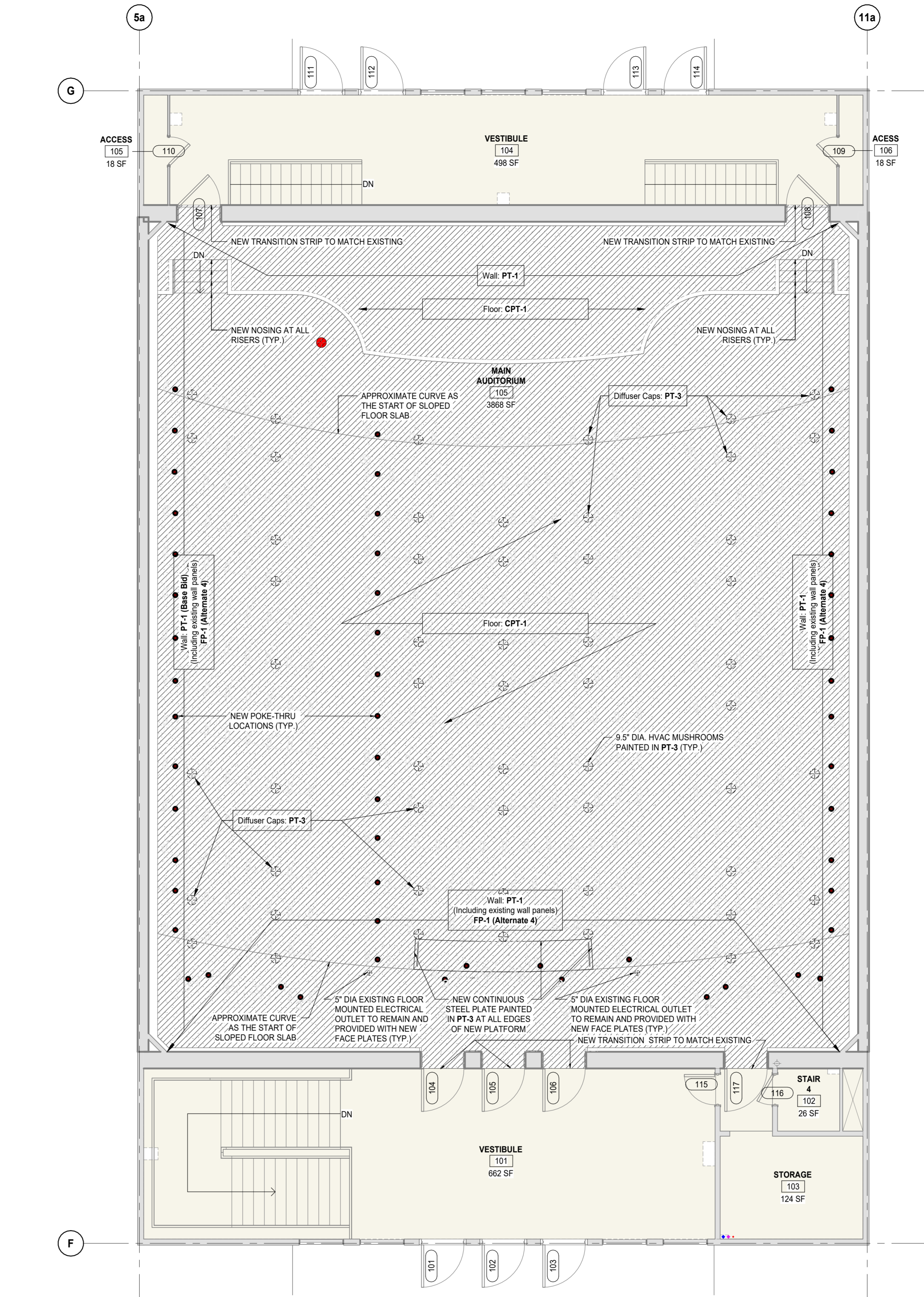
Project Manager: Valentino Mancini
 Drawn: Cem Muyan
 Project Leader: Chadrrique Menard
 Checked: Valentino Mancini
 Client: **WAYNE STATE UNIVERSITY**

Project: **WSU - DeRoy Building Renovations**
 DETROIT, MICHIGAN, US
 Drawing Title: **FIRST FLOOR PLAN**

Scale: As indicated
 Project No.: ED2024-0062
 Drawing No.: **A20-02**



1 LOWER AUDITORIUM FINISHES PLAN
SCALE: 3/16" = 1'-0"

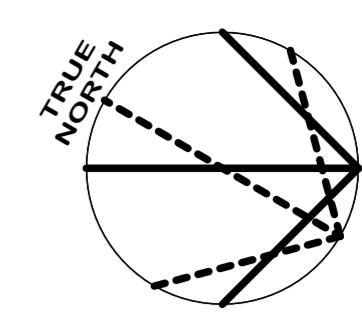


2 UPPER AUDITORIUM FINISHES PLAN
SCALE: 3/16" = 1'-0"

FINISH SCHEDULE						
CODE	MATERIAL	MANUFACTURER	MODEL COLOR SIZE	COMMENTS LOCATION	CONTACTS	
FLOORING						
CPT-1	CARPET TILE	INTERFACE	THIRD SPACE 312 GRANITE 107974 50CM X 50CM	GENERAL CARPET FOR UPPER & LOWER LEVELS INSTALLATION = MONOLITHIC	CHRISTINE LICARI CHRISTINE.LICARI@INTERFACE.COM (248) 648-0736	
WALLS						
PT-1	GENERAL WALL PAINT UPPER LEVEL	BENJAMIN MOORE	EGGSHELL WHITE (COLOR TO MATCH FP-1 FABRIC SELECTION IN ALTERNATE 4)	GENERAL WALL PAINT - UPPER LEVEL FINAL PAINT COLOR TO MATCH FP-1 FABRIC SELECTION IN ALTERNATE 4) PROVIDE DRAW DOWNS FOR CLIENT REVIEW & APPROVAL	BETH MAGUIRE BETH.MAGUIRE@BENJAMINMOORE.COM (847) 372-1854	
PT-2	GENERAL WALL PAINT LOWER LEVEL	BENJAMIN MOORE	EGGSHELL WHITE	GENERAL WALL PAINT - LOWER LEVEL PROVIDE DRAW DOWNS FOR CLIENT REVIEW & APPROVAL	BETH MAGUIRE BETH.MAGUIRE@BENJAMINMOORE.COM (847) 372-1854	
PT-3	NEUTRAL PAINT	SHERWIN WILLIAMS	SEMI-GLOSS BLACK MAGIC SW 6991	DIFFUSER MUSHROOM CAPS STEEL PLATE BY NEW PLATFORM CONDUITS AND JUNCTION BOXES		
FP-1	FABRIC WRAPPED PANELS	LAMVIN ECO-SONIC CAY GUILFORD OF MAINE FABRIC OR APPROVED EQUAL	HIGH IMPACT (NRC 1.0) SQUARE EDGE PANELS C/W STYLE 2100 FABRIC COVERING	ADD ALTERNATE (4) - UPPER LEVEL AUDITORIUM ACOUSTIC PANEL REPLACEMENT PROVIDE SAMPLE YARD OF FABRIC SELECTION FOR CLIENT REVIEW & APPROVAL		
WP-1	ACOUSTIC WALL PANEL	THE WOOD VENEER HUB	ACOUSTIC WOOD WALL PANELS STAINED AND FINISHED TO MATCH EXISTING	ADD ALTERNATE (3) LOWER LEVEL AUDITORIUM INSTALL PER MANUFACTURER'S SPECIFICATIONS REFER TO INTERIOR ELEVATIONS FOR MORE INFO	WILLIAM TOWNLEY WILLIAM@THEWOODVENEERHUB.COM (302) 688-6178	
NOSINGS						
NS-1	NOSING	JOHNSONITE	RUBBER TYPE ROUND NOSE BLACK 1 3/4" X 1 3/4"	NOSING AT ALL PLATFORM AND STEP EDGES REFER TO FINISHES PLANS AND DETAILS FOR LOCATIONS		

FINISH PLAN GENERAL NOTES

- ALL WALLS IN THE MAIN AUDITORIUM TO BE PT-1, AND LOWER AUDITORIUM PT-2 U.O.N. EXISTING ACOUSTIC WALL PANELS ON NORTH, SOUTH AND EAST WALLS OF MAIN AUDITORIUM SHALL ALSO BE PAINTED IN PT-1.
- WALLS SHALL INCLUDE SURFACES FROM FLOOR TO CEILING INCLUDING FILASTERS, FASCIAS, JAMBS, BUCKS, REVEALS, RETURNS AND ALL OTHER VERTICAL SURFACES NOT INCLUDED IN THE CEILING.
- PAINT COLORS SHALL BE SPECIFIED BY THE DESIGNER AND THE GENERAL CONTRACTOR SHALL SUBMIT THREE (3) SAMPLES (12" X 12") FOR REVIEW BY THE DESIGNER. AN ALTERNATE SUBMITTAL MAY BE FIELD APPLIED TO ONE WALL FOR THE DESIGNER TO EXAMINE UPON FIELD INSPECTION. ALSO PROVIDE DRAWINGS FOR CLIENT'S REVIEW AND FINAL APPROVAL.
- ALL WALLS AND CEILINGS SHALL BE PROPERLY PREPARED, SPACKLED, SANDED, ETC., TO PROVIDE A SMOOTH FINISH AND A SURFACE READY FOR PRIME, PAINT AND/OR WALL COVERING.
- THE PAINT CONTRACTOR SHALL REMOVE ALL ELECTRICAL SWITCH PLATES AND OUTLET PLATES, SURFACE HARDWARE, ETC., PRIOR TO PAINTING, PROTECTING AND REPLACING WHEN THE PAINTING HAS BEEN COMPLETED. PAINT CONTRACTOR SHALL REMOVE PAINT WHERE IT HAS SPILLED, SPLASHED OR SPATTERED ON SURFACES, INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, DIFFUSERS, REGISTERS AND SLAB FITTINGS, ETC.
- THE CONTRACTOR SHALL REMOVE EXISTING DIFFUSER MUSHROOM CAPS AND FLANGES TO PRIME AND PAINT WITH PT-3. REINSTALL AFTER VINYL TILE DEMO WORK AND INSTALLATION OF NEW CARPET.
- EXISTING FLOOR MOUNTED AND WALL MOUNTED ELECTRICAL OUTLETS TO REMAIN AND PROVIDED WITH NEW FACE PLATES.
- EXISTING BASE WALLS MARBLE SURFACES TO BE CLEANED UPON COMPLETION OF NEW WORK IN THE MAIN AUDITORIUM.
- EXISTING WOOD WALL BASE TO BE REMOVED AND STORED DURING INSTALLATION OF ELECTRICAL CONDUITS ON NORTH AND SOUTH WALLS OF LOWER AUDITORIUM. CLEAN AND REINSTALL UPON COMPLETION OF NEW ELECTRICAL WORK.
- THE CONTRACTOR SHALL USE A LATEX BASE PAINT IN COLORS AND FINISHES AS SELECTED BY THE DESIGNER. CONTRACTOR SHALL PROPERLY PREPARE ALL SURFACES TO RECEIVE ONE (1) PRIME COAT AND TWO (2) FINISH COATS OF PAINT IN THE COLORS AS SELECTED BY THE DESIGNER.
- THE CONTRACTOR SHALL INSTALL ACOUSTIC WALL PANELS AS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL EXISTING LOOSE PAINT SHALL BE REMOVED AND SPACKLED OR PLASTER PATCHED EVEN SURFACE.
- THE CONTRACTOR SHALL EXAMINE ALL AREAS OF CONSTRUCTION AFTER COMPLETION OF WORK BY ALL TRADES AND INDICATE ALL NECESSARY TOUCH UP PAINTING AND/OR PATCHING.
- ANY SURFACE WHICH DOES NOT HAVE A SPECIFIED FINISH NOTED OR ARE NOTED TO REMAIN UNFINISHED, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER AND FINISHED AS DIRECTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL LOCAL VOC (VOLATILE ORGANIC COMPOUND) REGULATIONS FOR PRIMERS, PAINTS, SOLVENTS AND ADHESIVES.
- THE GENERAL CONTRACTOR SHALL FLASH PATCH ALL CRACKS, HOLES OR OTHER IMPERFECTIONS (PROJECTIONS SHALL BE REMOVED AND PATCHED) TO PROVIDE A CONTINUOUS SMOOTH FLOOR SURFACE. SUBFLOOR SHALL BE FLAT AND LEVEL, WITH VARIATIONS NOT EXCEEDING 1/4" IN 10'-0" AND 1/16" IN 12".
- ALL GWB AT CEILINGS, INCLUDING ALL SURFACES OF COVES, SOFFITS, ETC. SHALL BE PAINTED CEILING WHITE. ALL SURFACES WHERE COVE LIGHTING IS MOUNTED AND GWB IS LIT SHALL BE PAINTED, EVEN IF NOT EXPOSED DIRECTLY TO VIEW.
- UPON COMPLETION, ALL WORK SHALL BE CLEANED BY THE CONTRACTOR, REMOVING ALL SPOTS OF ADHESIVE, SURFACE STAINS AN ALL SCRAPS, CARTONS AND CONTAINERS SHALL BE REMOVED FROM THE BUILDING.



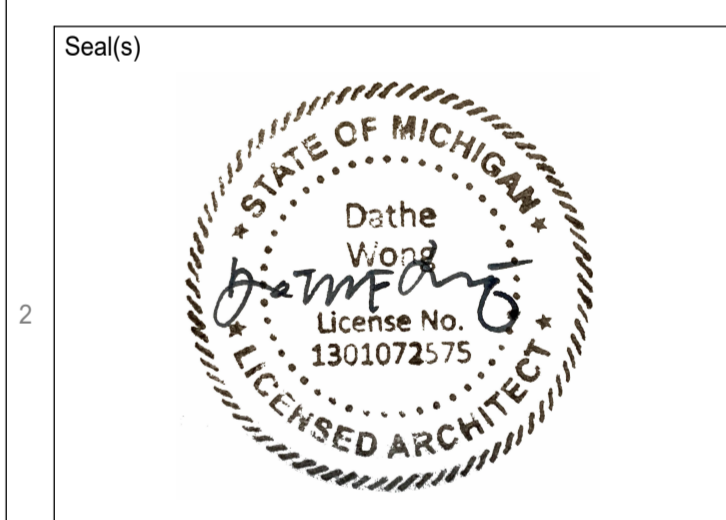
DATE	ISSUED FOR	REV
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2024-07-03	Issued for Bid and Building Permit	2

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Project Component	
Key Plan	

Architect:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
AV/Technology:	HEAPY



NORR

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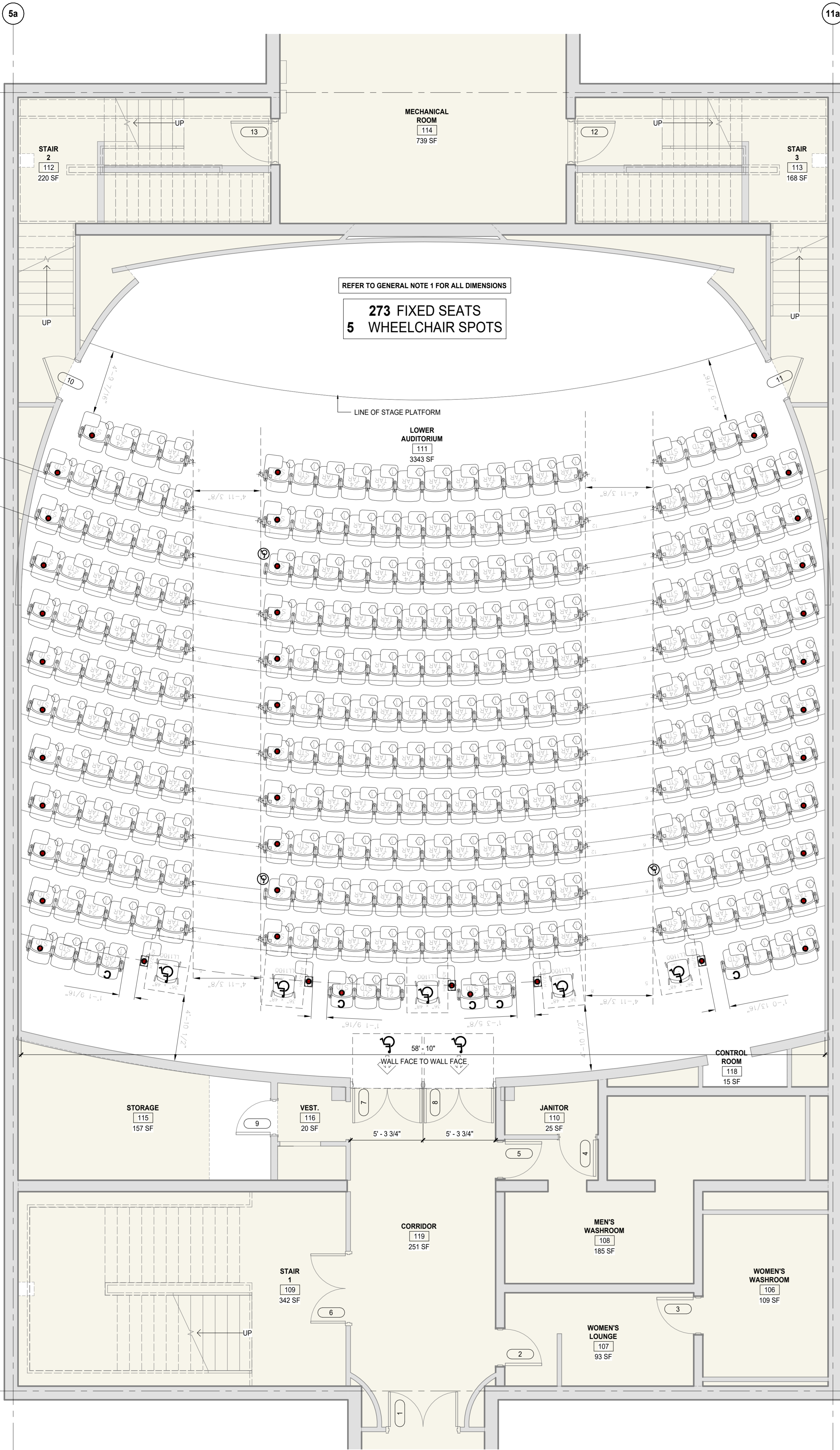
Project Manager	Valentino Mancini	Drawn	Cem Muyan
Project Leader	Cherique Menard	Checked	Valentino Mancini
Client WAYNE STATE UNIVERSITY			

Project
WSU - DeRoy Building Renovations

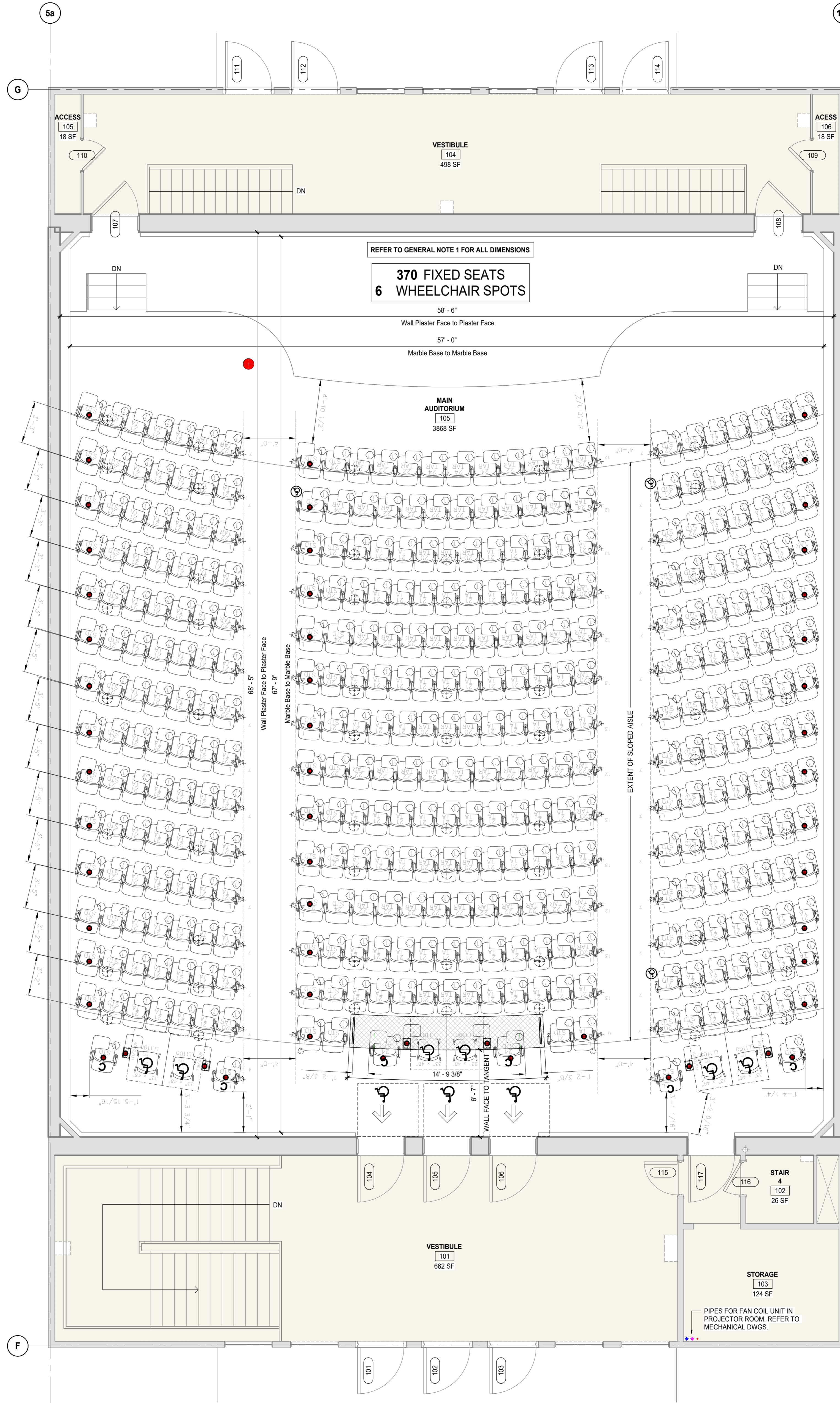
DETROIT, MICHIGAN, US

Drawing Title
FINISHES PLANS

Scale	As indicated
Project No.	ED2024-0062
Drawing No.	A20-04



2 LOWER AUDITORIUM FURNITURE PLAN
 A20-05 SCALE: 1/4" = 1'-0"



1 UPPER AUDITORIUM FURNITURE PLAN
 A80-01 SCALE: 1/4" = 1'-0"

FURNITURE PLAN LEGEND

- EXISTING PARTITION TO REMAIN
- EXISTING DOOR TO REMAIN
- ROOM NAME [0000] 000.00 m2
- ROOM TAG
- NEW CONCRETE TOPPING INFILL
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING MECHANICAL MUSHROOM DIFFUSERS
- NEW POKE-THRU DEVICE / CORING LOCATIONS (UPPER AUDITORIUM) JUNCTION BOX LOCATIONS (LOWER AUDITORIUM) REFER TO ELECTRICAL DRAWINGS
- 22 STD - CENTER TO CENTER OF ARM STD - SEAT CENTERED
- 22 TAR - LARGE TABLE ARM CENTER TO CENTER OF ARM TAR - TABLE SEAT SHIFTED TO THE RIGHT TAL - TABLE SEAT SHIFTED TO THE LEFT
- 21 STD - LARGE TABLE ARM CENTER TO CENTER OF ARM STD - TABLE SEAT CENTERED
- 21 TA - LARGE TABLE ARM CENTER TO CENTER OF ARM TA - TABLE SEAT CENTERED WITH SMALLER SEAT CUSHION
- +1 - AISLE LIGHT
- 1 - POWER OUTLET / USB A & C
- C - LARGE TABLE ARM COMPANION SEAT
- W - WHEELCHAIR LOCATION
- S1 - LOOSE CHAIR WHEN WHEELCHAIR LOCATION IS AVAILABLE
- I1 - LARGE TABLE ARM ADA TABLE BASE
- W - LARGE TABLE ARM DESIGNATED AISLE SEAT WITH ADA TRANSFER ARM (FLIP-UP ARM)

GENERAL NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT CONFLICTS IN WRITING TO THE OWNER / OWNER'S REPRESENTATIVE.
2. IN THE PRESENCE OF ASBESTOS, ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER.
3. CONTRACTOR TO PROTECT ALL EXISTING ADJACENT CONSTRUCTION TO REMAIN.
4. CONTRACTOR TO REPAIR ANY DAMAGED EXISTING CONSTRUCTION TO MATCH EXISTING.
5. REFER TO SPECIFICATIONS 012300-ALTERNATES FOR DESCRIPTION OF ALTERNATE SCOPE OF WORK.
6. COORDINATE POWER INFEEED CORING LOCATIONS WITH SEATING MANUFACTURER.
7. OWNER SUPPLIED AND INSTALLED AUDIENCE FIXED SEATING FOR LOWER AND UPPER AUDITORIUMS. CONTRACTOR TO COORDINATE SEQUENCE OF WORK WITH OWNER'S REPRESENTATIVE AND SEATING MANUFACTURER PRIOR TO START OF CONSTRUCTION.


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Project Component
 Key Plan

Consultants
 Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 AV/Technology: HEAPPY

Seal(s)


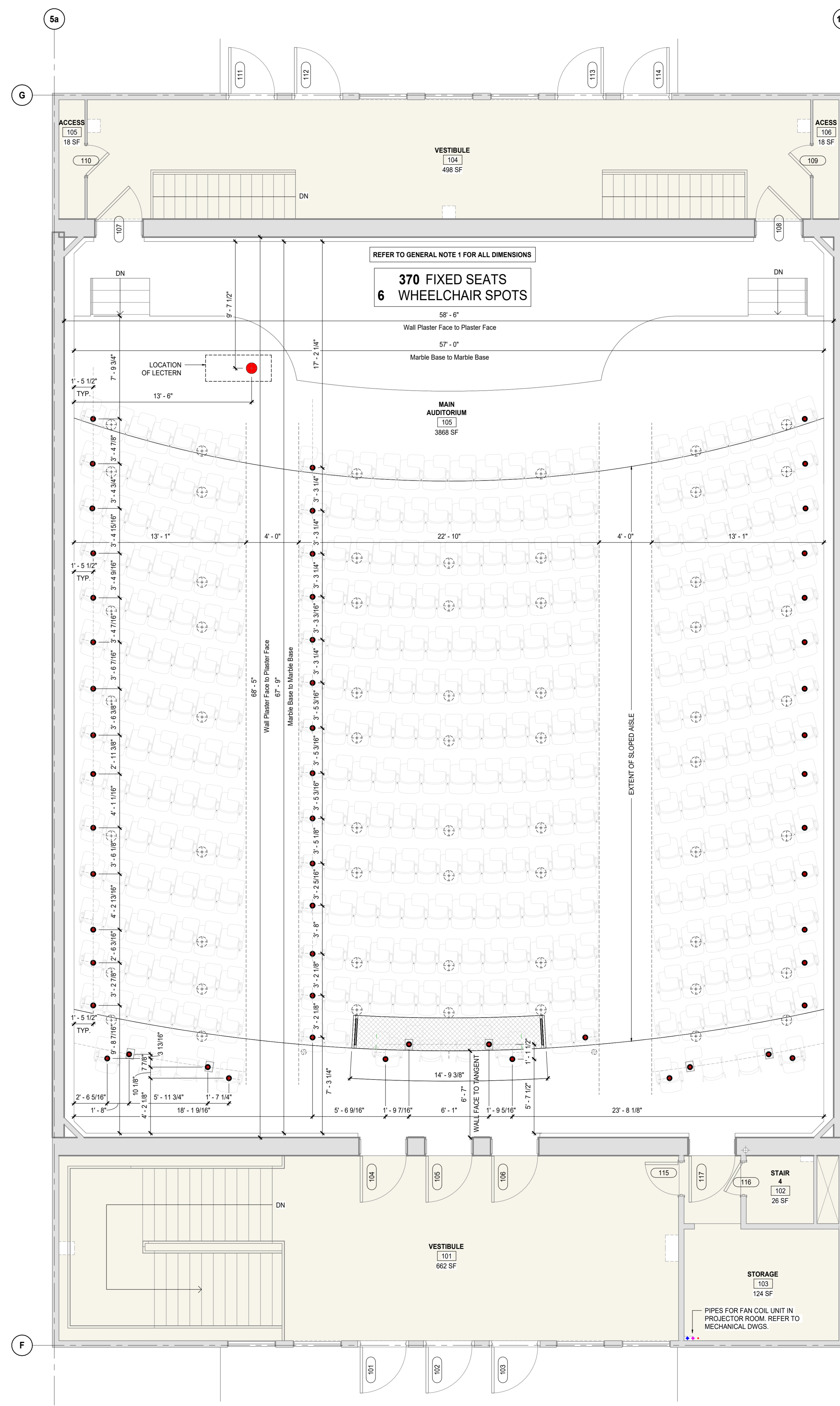
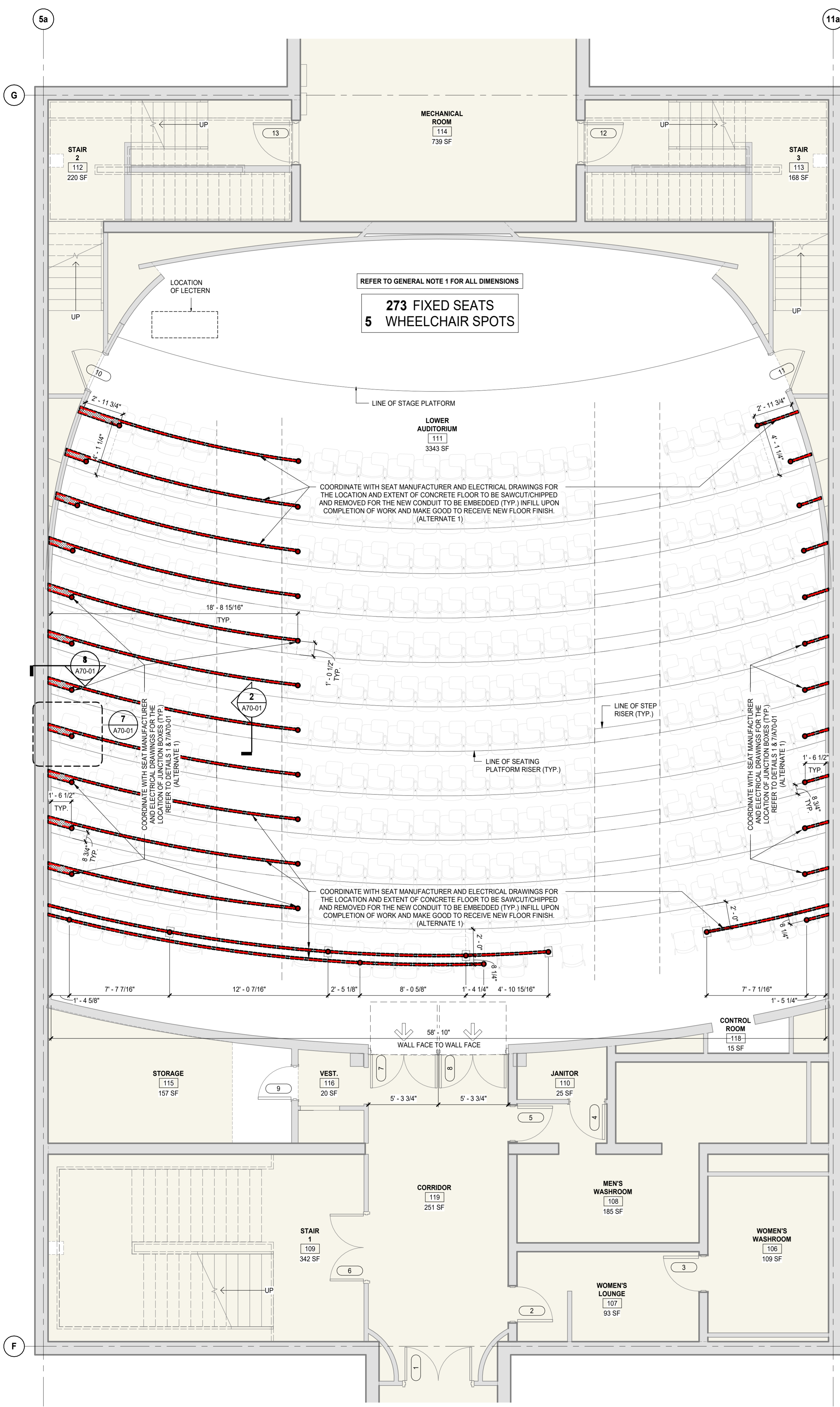
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Project Manager: Valentino Mancini
 Drawn: Cem Muyan
 Project Leader: Chadrerie Menard
 Checked: Valentino Mancini
 Client: **WAYNE STATE UNIVERSITY**

Project: **WSU - DeRoy Building Renovations**
 DETROIT, MICHIGAN, US
 Drawing Title: **FURNITURE PLANS**

Scale: As indicated
 Project No.: ED2024-0062
 Drawing No.: **A20-05**

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FURNITURE PLAN LEGEND

- EXISTING PARTITION TO REMAIN
- EXISTING DOOR TO REMAIN
- ROOM NAME
- ROOM TAG
- NEW CONCRETE TOPPING INFILL
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING MECHANICAL MUSHROOM DIFFUSERS
- NEW POKE-THRU DEVICE / CORING LOCATIONS (UPPER AUDITORIUM) JUNCTION BOX LOCATIONS (LOWER AUDITORIUM) REFER TO ELECTRICAL DRAWINGS
- ELECTRICAL CONDUIT ROUTING
- EXTENT OF CONCRETE FLOOR TO BE SAWCUT/CHIPPED AND REMOVED FOR THE NEW CONDUIT TO BE EMBEDDED. INFILL UPON COMPLETION OF WORK.
- aisle light
- POWER OUTLET / USB A & C
- LARGE TABLE ARM
- COMPANION SEAT
- WHEELCHAIR LOCATION
- S1 LOOSE CHAIR WHEN WHEELCHAIR LOCATION IS AVAILABLE
- LARGE TABLE ARM
- ADA TABLE BASE
- LARGE TABLE ARM
- DESIGNATED AISLE SEAT WITH ADA TRANSFER ARM (FLIP-UP ARM)

GENERAL NOTES

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- CONTRACTOR TO REPAIR ANY DAMAGED EXISTING CONSTRUCTION TO MATCH EXISTING.
- REFER TO SPECIFICATIONS 012300-ALTERNATES FOR DESCRIPTION OF ALTERNATE SCOPE OF WORK.
- COORDINATE POWER INFEEED CORING LOCATIONS WITH SEATING MANUFACTURER.
- OWNER SUPPLIED AND INSTALLED AUDIENCE FIXED SEATING FOR LOWER AND UPPER AUDITORIUMS. CONTRACTOR TO COORDINATE SEQUENCE OF WORK WITH OWNER'S REPRESENTATIVE AND SEATING MANUFACTURER PRIOR TO START OF CONSTRUCTION.

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Project Component
Key Plan

Consultants
 Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 AV/Technology: HEAPPY

Seal(s)

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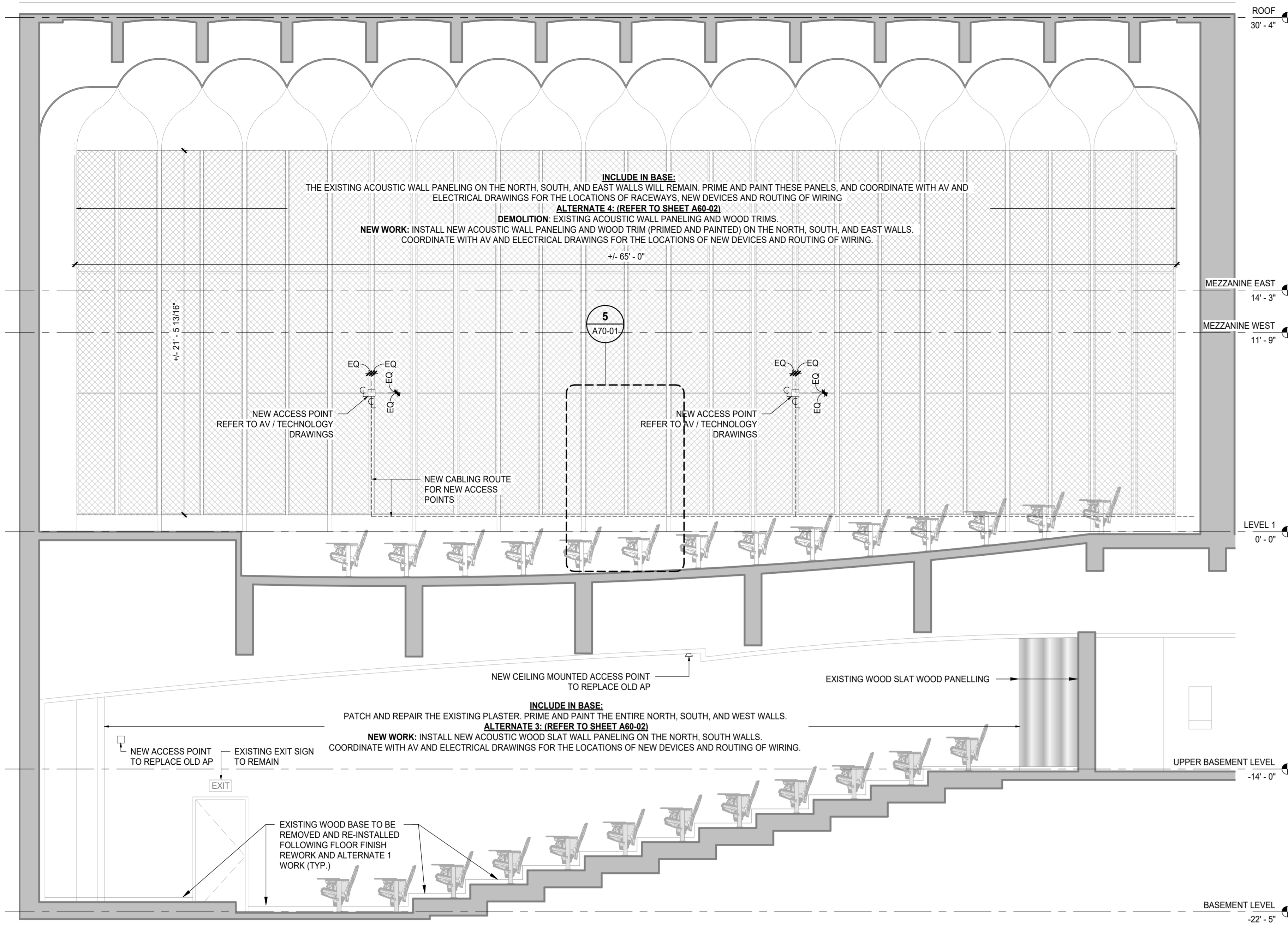
Project Manager: Valentino Mancini
 Drawn: Cem Muyan
 Project Leader: Choderique Menard
 Checked: Valentino Mancini
 Client: **WAYNE STATE UNIVERSITY**

Project: **WSU - DeRoy Building Renovations**
 DETROIT, MICHIGAN, US
 Drawing Title: **FLOOR POWER INFEEED LAYOUT**

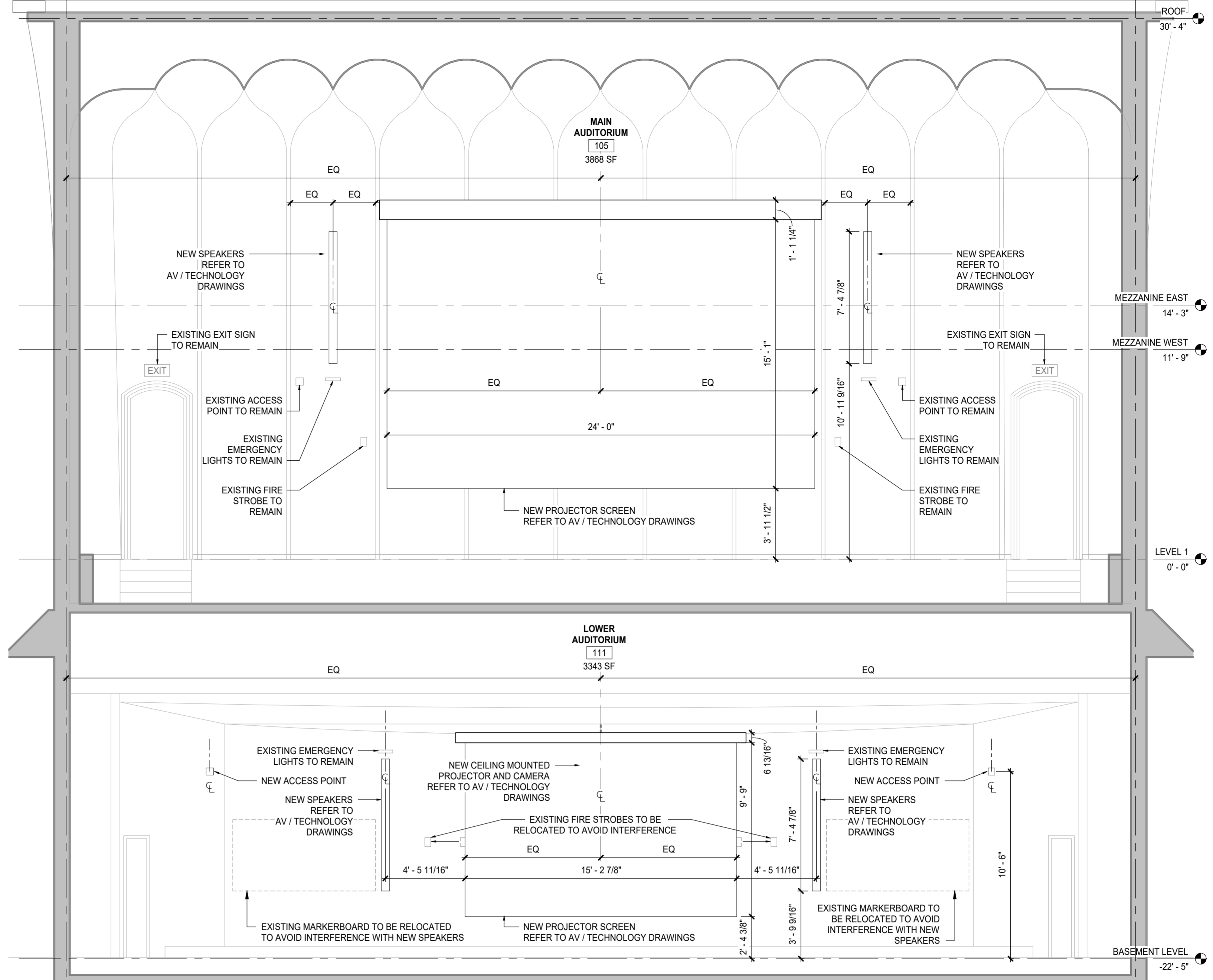
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 Drawing No.: **A20-06**

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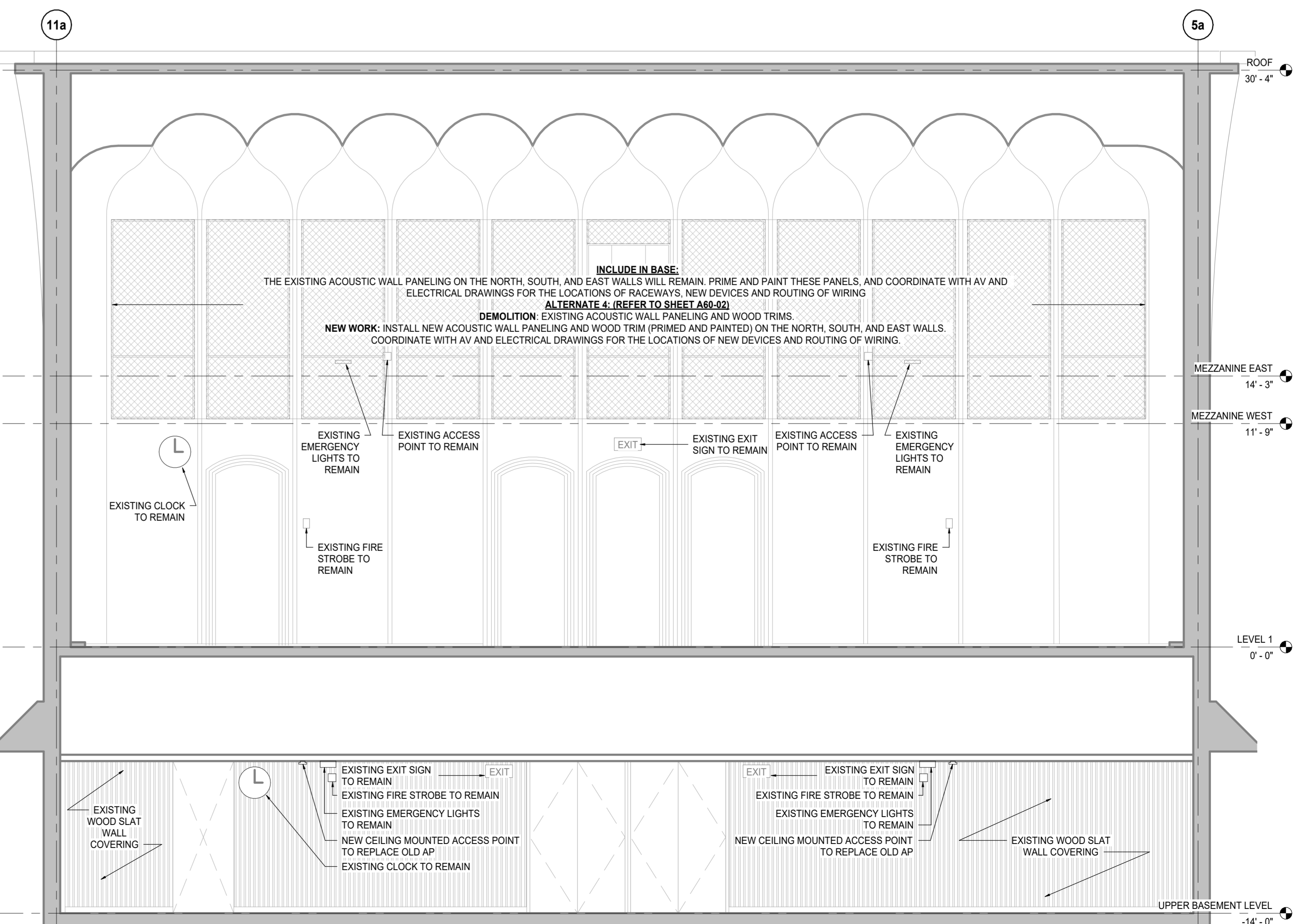
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1 INTERIOR NORTH & SOUTH (MIRRORED) ELEVATION
SCALE: 1/4" = 1'-0"



2 INTERIOR WEST ELEVATION
SCALE: 1/4" = 1'-0"



3 INTERIOR EAST ELEVATION
SCALE: 1/4" = 1'-0"

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Project Component
Key Plan
Consultants

Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
AV/Technology:	HEAPY



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Project Manager	Drawn
Valentino Mancini	Cem Muyan
Project Leader	Checked
Chaderique Menard	Valentino Mancini

Client
WAYNE STATE UNIVERSITY

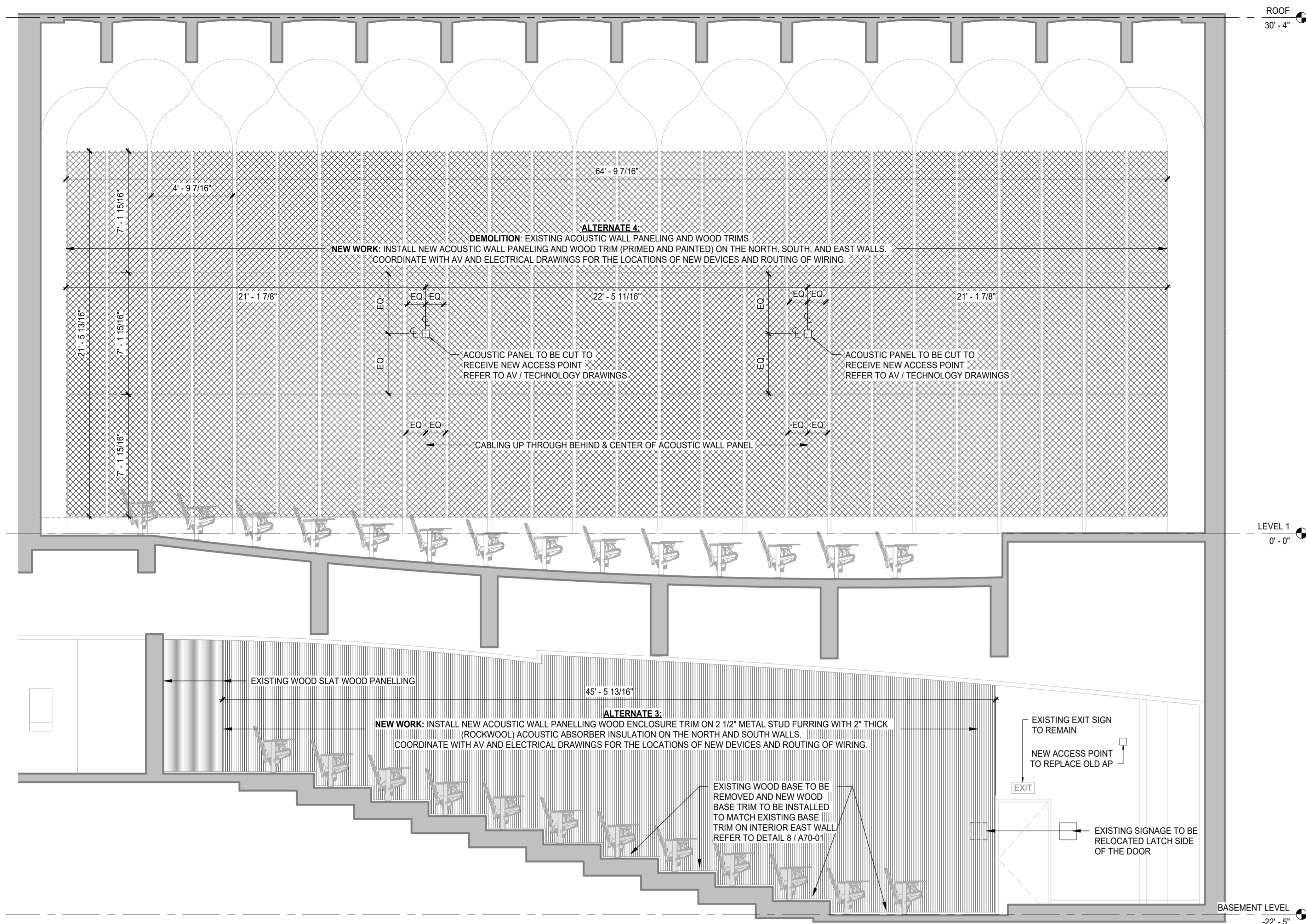
Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
INTERIOR ELEVATIONS - BASE BID

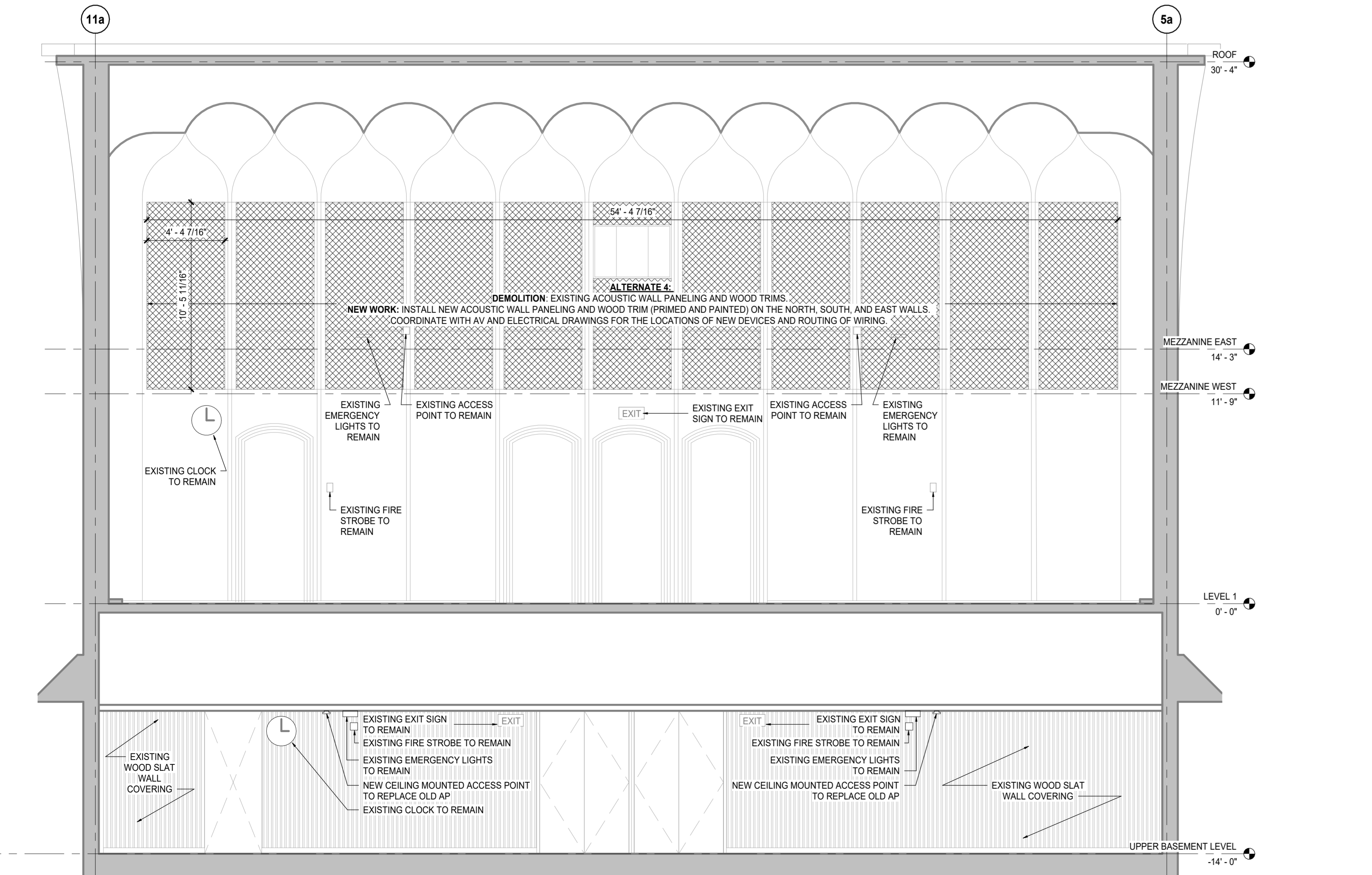
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Project No.
ED2024-0062

Drawing No.
A60-01



4 INTERIOR SOUTH & NORTH (MIRRORED) ELEVATION - ALTERNATE 3 & 4
SCALE: 1/4" = 1'-0"



3 INTERIOR EAST ELEVATION - ALTERNATE 4
SCALE: 1/4" = 1'-0"

DATE	ISSUED FOR	REV
2024-07-03	Issued for Bid and Building Permit	1

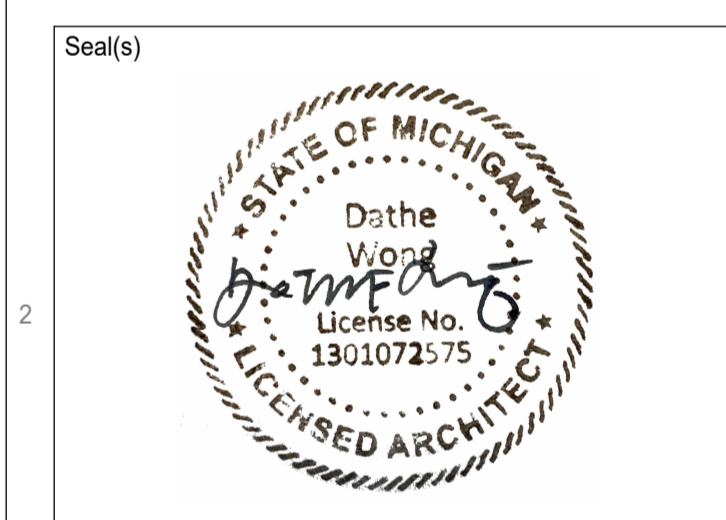
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Project Component

Key Plan

Consultants
 Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
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 AV/Technology: HEAPPY



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Project Manager Valentino Mancini	Drawn Cem Muyan
Project Leader Cherique Menard	Checked Valentino Mancini

Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

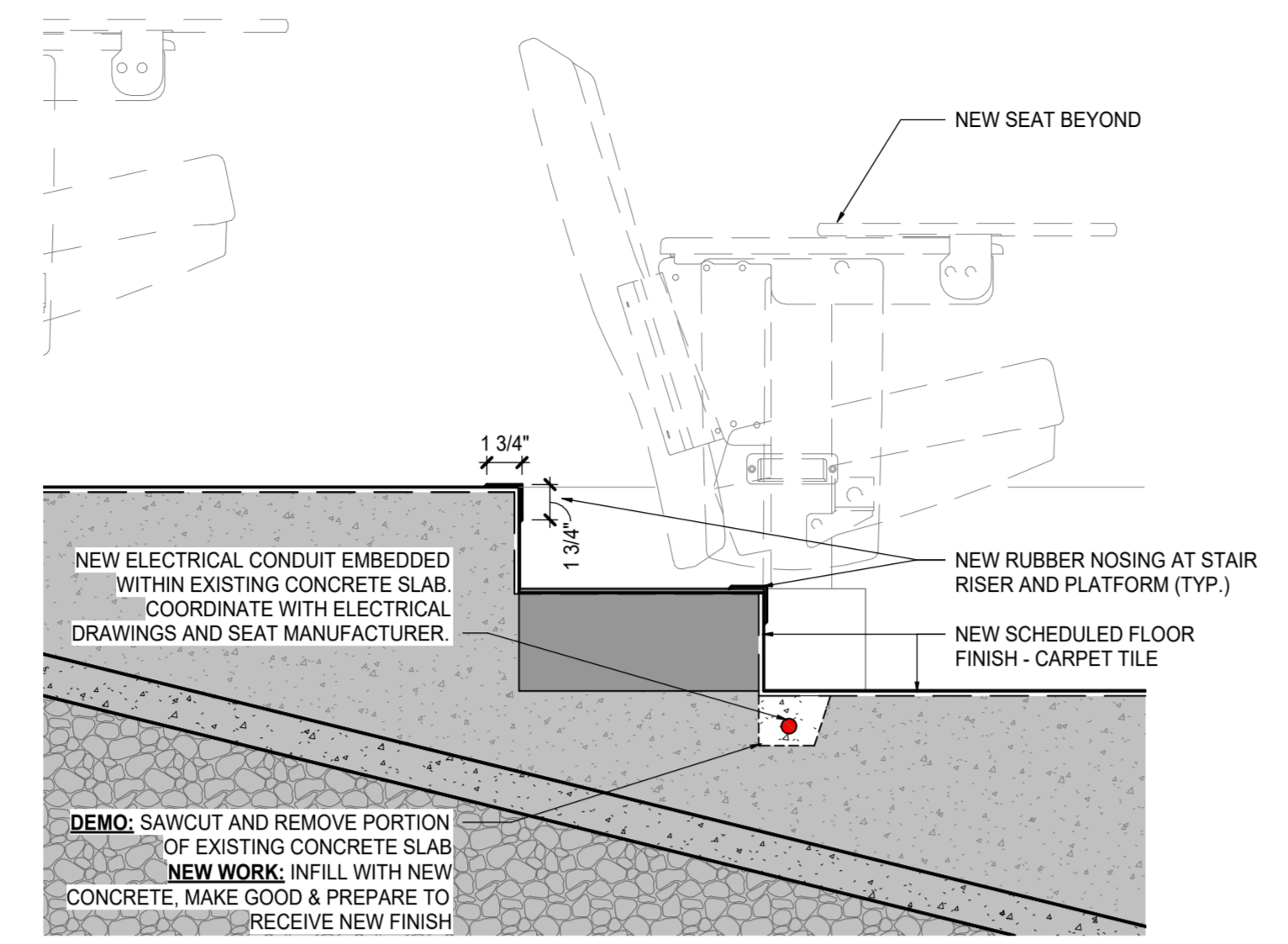
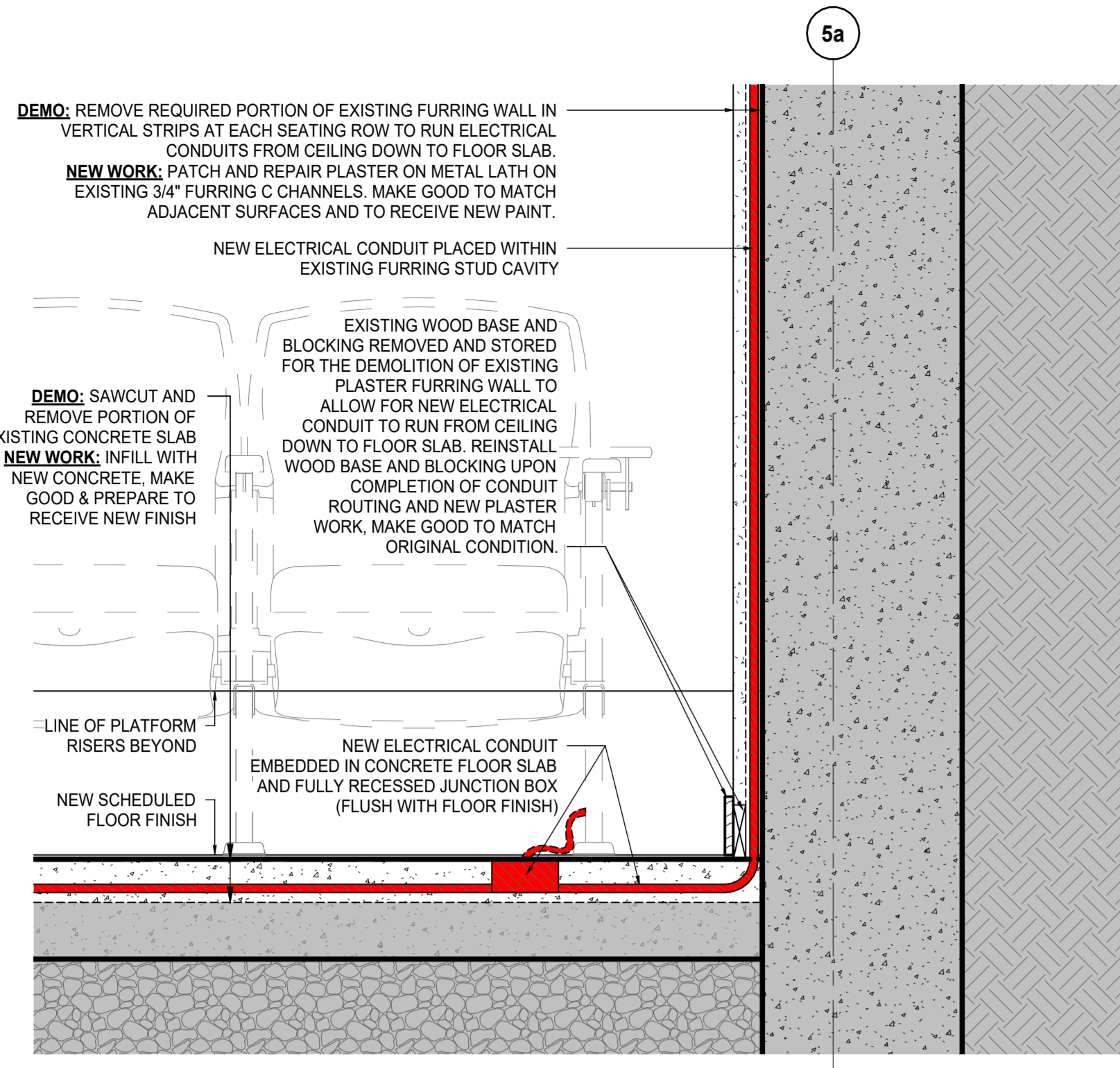
Detroit, Michigan, US
 Drawing Title
INTERIOR ELEVATIONS - ALTERNATES 3 & 4

Scale
1/4" = 1'-0"

Project No.
ED2024-0062

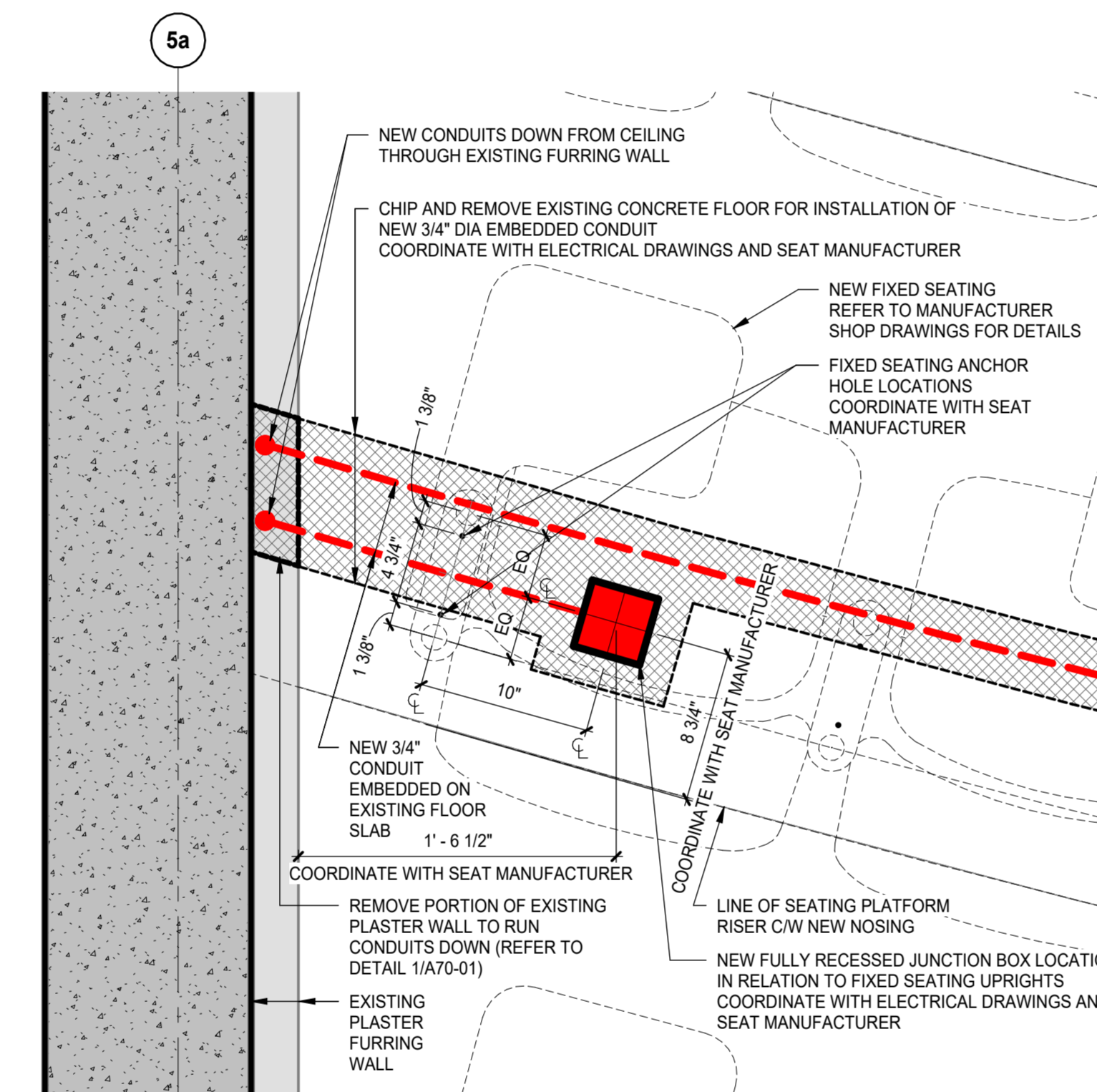
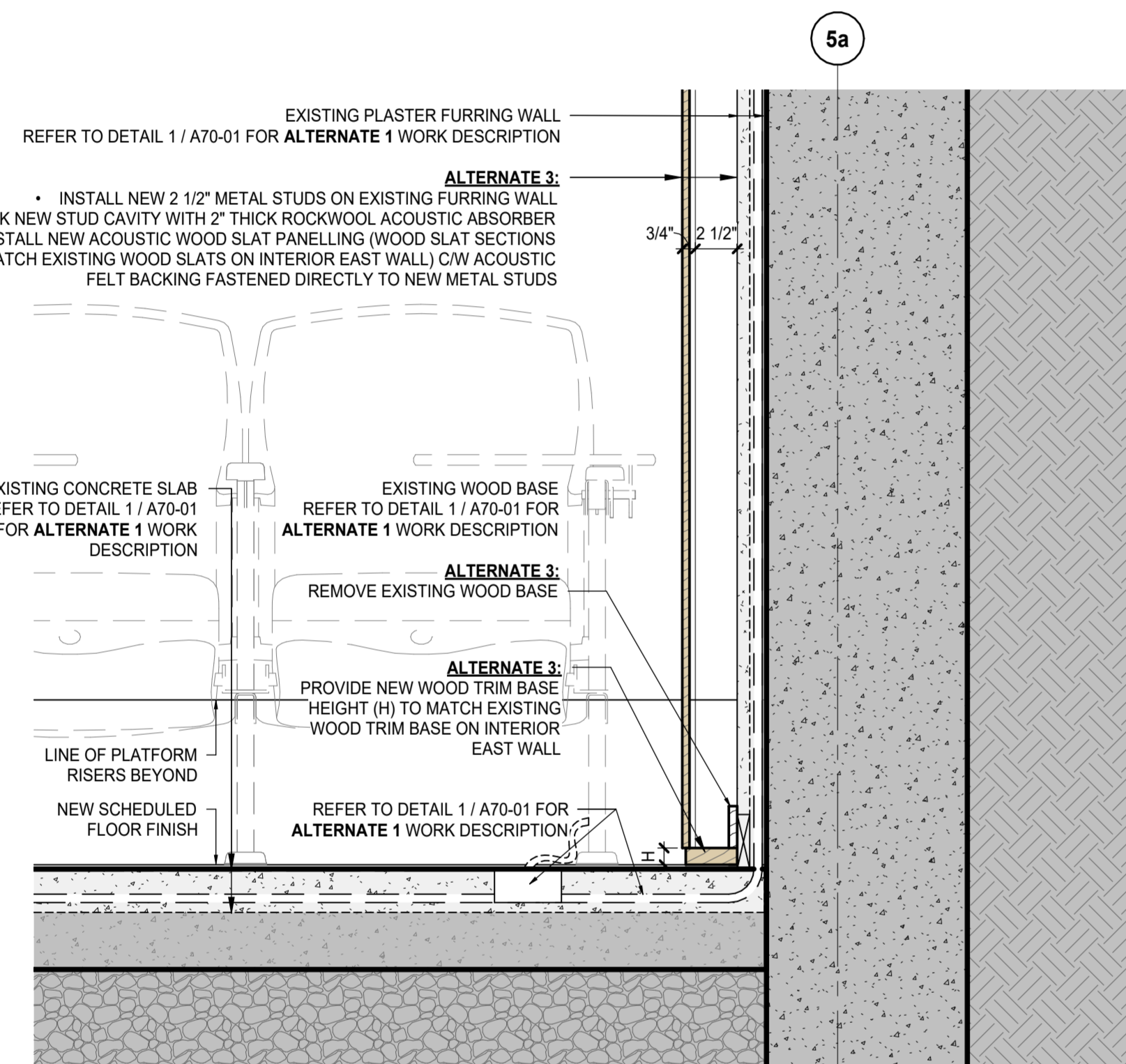
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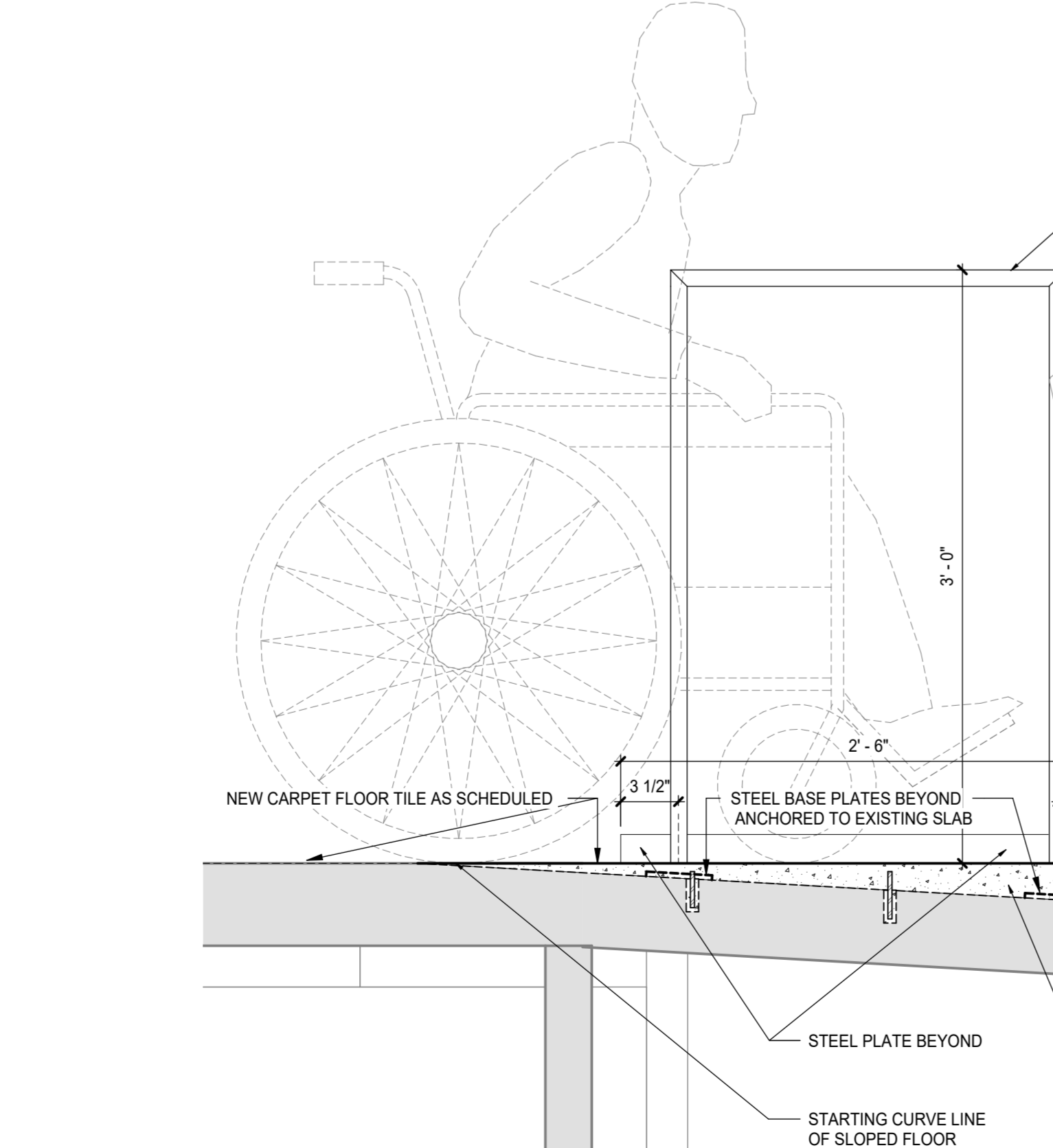
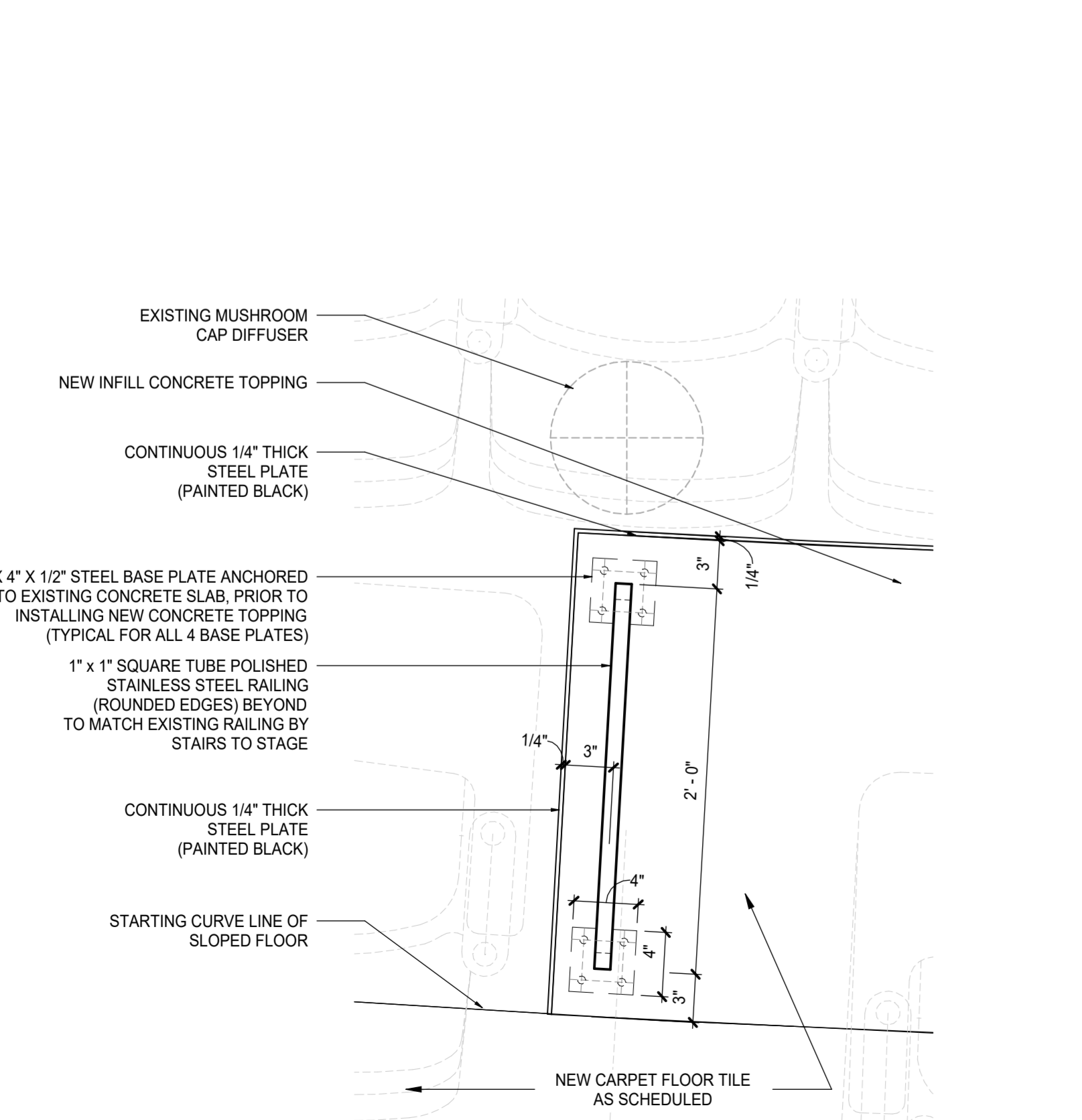
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SCALE: 1 1/2" = 1'-0"

2
A70-01
SCALE: 1 1/2" = 1'-0"



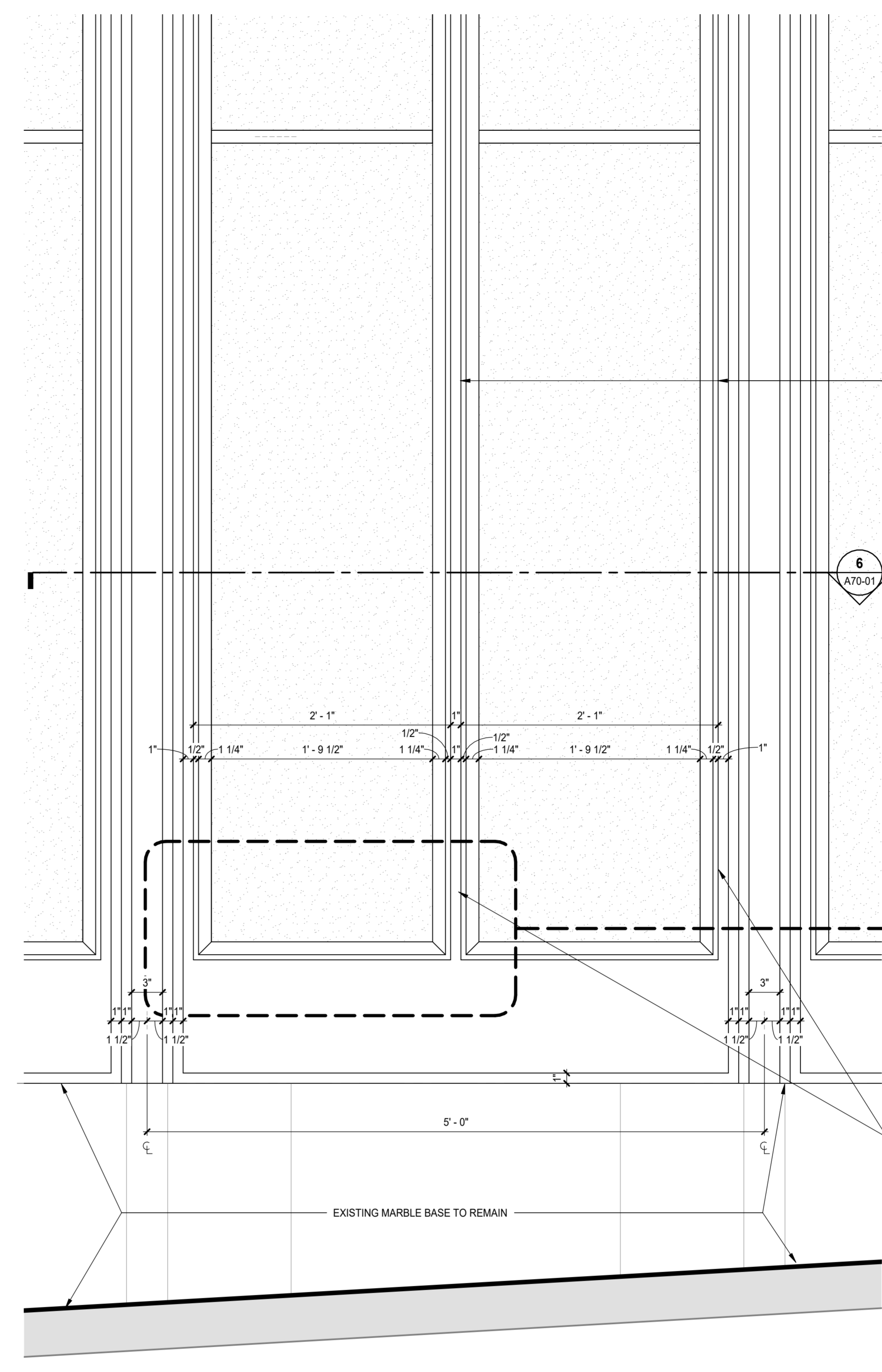
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A70-01
SCALE: 1 1/2" = 1'-0"

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A70-01
SCALE: 1 1/2" = 1'-0"

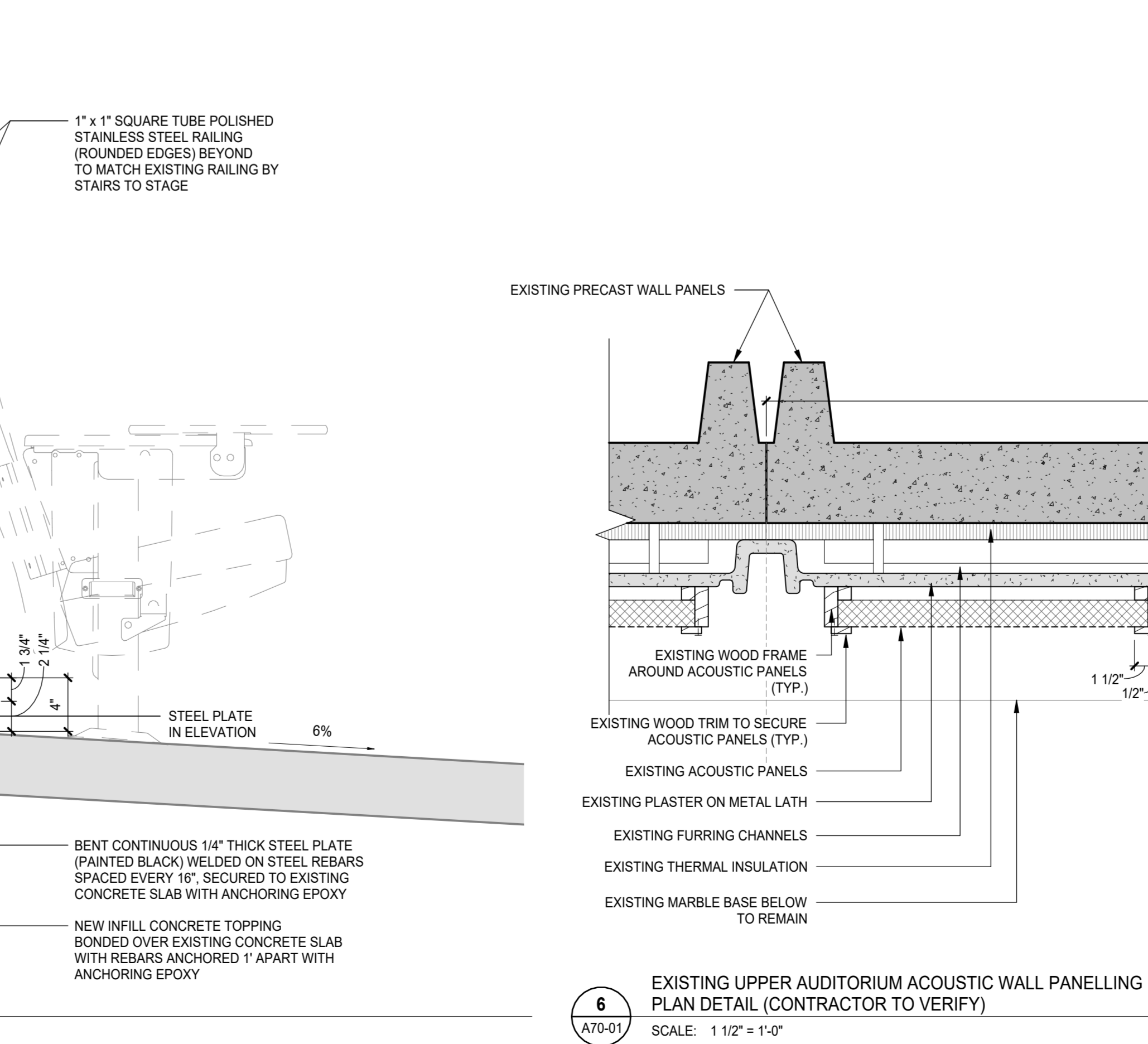


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A70-01
SCALE: 1 1/2" = 1'-0"

3
A70-01
SCALE: 1 1/2" = 1'-0"



5
A70-01
SCALE: 1 1/2" = 1'-0"



6
A70-01
SCALE: 1 1/2" = 1'-0"

ALTERNATE 4: REMOVE WOOD TRIMS AND REPLACE EXISTING ACOUSTIC PANELS WITH NEW FABRIC WRAPPED HIGH IMPACT ACOUSTICAL PANELS. REINSTALL OR PROVIDE NEW WOOD TRIMS, PRIME AND PAINT WOOD FRAME AND TRIMS. (TYPICAL FOR ALL PANELS ON NORTH, SOUTH AND EAST WALLS)

FABRIC WRAPPED HIGH IMPACT ACOUSTICAL PANEL: PREFABRICATED 1-1/8" LAMVIN ECO-SONIC TACKABLE OR APPROVED EQUAL. HIGH-IMPACT PANEL (NRC 1.0) THICK FABRIC WRAPPED HIGH IMPACT GLASS FIBER ACOUSTICAL PANEL WITH SQUARE EDGE.

FABRIC: GUILFORD OF MAINE - FR7018 2100 FABRIC STYLE 2100 FABRIC COVERING, OR APPROVED EQUAL.

QL: 1" FURRING STRIPS WITH A 1" AIR GAP BETWEEN THE PANEL AND THE WALL. MOUNTING WILL BE Z-CLIP/VELCRO (CLEAT OFFSET) MOUNTED ON THE FURRING STRIPS. FURRING STRIPS ARE TO BE MOUNTED TO THE EXISTING PLASTER FACE.



BASE BID: PRIME AND PAINT EXISTING ACOUSTIC PANELS AND WOOD FRAMES AND TRIMS. (TYPICAL FOR ALL PANELS ON NORTH, SOUTH AND EAST WALLS)

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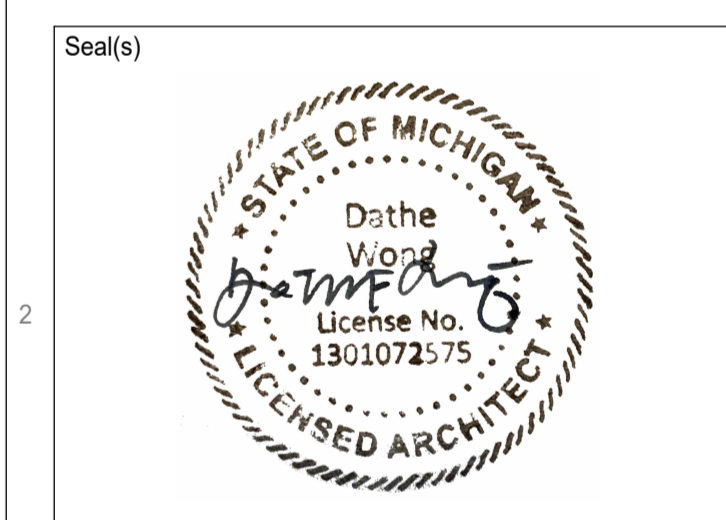
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Project Component

Key Plan

Consultants

Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
AVTechnology:	HEAPPY



NORR

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norr.com

Project Manager	Valentino Mancini	Drawn	Cem Muyan
Project Leader	Cherique Menard	Checked	Valentino Mancini
Client	WAYNE STATE UNIVERSITY		

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
PLAN AND SECTION DETAILS

Scale	1 1/2" = 1'-0"
Project No.	ED2024-0062
Drawing No.	A70-01

ELECTRICAL SYMBOL LIST

CONDUIT SYSTEMS

- CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING EXPOSED IN UNFINISHED AREAS
CONDUIT CONCEALED IN FLOOR SLAB OR UNDERGROUND
CONDUIT OR CABLE TURNED UP / DOWN
BRANCH CIRCUIT HOMERUNS TO PANELS OR AS NOTED. OPTIONAL LINES INDICATE NUMBER OF WIRES IN CONDUIT. SHORT LINE IS NEUTRAL, SLANTED SLASH IS GROUND
JUNCTION BOX (SIZE PER NEC OR AS INDICATED)
PULL BOX (SIZE PER NEC OR AS INDICATED)

POWER SYSTEMS

- PANELBOARD OR SWITCHBOARD
TRANSFORMER, 480V-208Y/120V DRY TYPE UNLESS NOTED OTHERWISE
MOTOR CONTROL CENTER, NUMBER OF SECTIONS AS NOTED
MOTOR - SIZE AS INDICATED
UNFUSED / FUSED DISCONNECT SWITCH
3-PHASE FUSIBLE COMBINATION STARTER
MANUAL STARTER, WITH PILOT LIGHT
PUSH BUTTON STATION
20A, 125V, 3W, SINGLE GROUNDING RECEPTACLE, NEMA 5-20R 'C' - CEILING MOUNT, 'DF' - DRINKING FOUNTAIN
20A, 125V, 3W, DUPLEX GROUNDING RECEPTACLE, NEMA 5-20R 'C' - CEILING MOUNT, 'G' - GROUND FAULT, 'E' - EMERGENCY MOUNTED 6" ABOVE FINISHED COUNTER
20A, 125V, 3W, DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R 'C' - CEILING MOUNT, 'G' - GROUND FAULT
SPECIAL RECEPTACLE - NEMA CONFIGURATION AS NOTED
MULTI-OUTLET ASSEMBLY W/ OUTLETS AS NOTED ON PLANS
SPECIALTY OUTLET BOX
'FB' - FLOOR BOX (RECESSED OUTLETS AS NOTED)
'SFB' - SURFACE FLOOR BOX (OUTLETS AS NOTED)
'PT' - POKE THRU (FLUSH OUTLETS AS NOTED)
'FPT' - FURNITURE (FEED) POKE THRU
'FWB' - FURNITURE (FEED) WALL BOX

GROUNDING

- GROUND ROD
COPPER GROUND BAR, 2" X 1/4" OR AS NOTED
DOT INDICATES EXOTHERMIC WELD OR CONNECTION

LIGHTING SYSTEM

- 2"x4" FIXTURE, RECESSED OR SURFACE 'X' INDICATES TYPE
2"x2" FIXTURE, RECESSED OR SURFACE 'X' INDICATES TYPE
1"x4" FIXTURE, RECESSED OR SURFACE 'X' INDICATES TYPE
STRIP OR SUSPENDED FIXTURE 'X' INDICATES TYPE
WALL MOUNT OR BRACKET FIXTURE 'X' INDICATES TYPE
DOWNLIGHT FIXTURE, RECESSED OR SURFACE 'X' INDICATES TYPE, CENTER DOT FOR SUSPENDED
FIXTURE WITH NIGHT LIGHT/EMERGENCY CIRCUIT SPLIT CIRCUITS WHERE INDICATED
EXIT LIGHT, DIRECTIONAL ARROWS WHERE INDICATED
EXIT LIGHT WITH EMERGENCY BATTERY HEADS DIRECTIONAL ARROWS WHERE INDICATED
EMERGENCY BATTERY UNIT (EBU) FIXTURE W/ NUMBER OF HEADS AS SHOWN
EMERGENCY LIGHT HEAD MOUNTED REMOTE EBU
POLE MOUNTED FIXTURE, SQUARE OR ROUND AND NUMBER OF HEADS AS INDICATED
FLOODLIGHT

LIGHTING CONTROL SYSTEMS

- SWITCH, SINGLE POLE, 20A; '2' - TWO POLE
SWITCH, THREE WAY, 20A; '4' - FOUR WAY
SPECIALTY SWITCH (INCLUDING MULTIPLE OPTIONS)
'D' - DIMMER SWITCH
'K' - KEY SWITCH
'O' - OCCUPANCY SENSOR
'L' - LOW VOLTAGE
'T' - TIMER
OCCUPANCY SENSOR - WALL/CEILING MOUNTED
DAYLIGHT SENSOR / PHOTOCELL
VACANCY SENSOR - CEILING MOUNTED
LIGHTING CONTROL BOX/RELAY

FIRE ALARM SYSTEM

- MANUAL PULL STATION
DETECTOR (TYPE AS INDICATED)
'S' - AREA SMOKE DETECTOR
'H' - HEAT DETECTOR
'F' - FLAME DETECTOR
DEVICE (TYPE AS INDICATED)
'SD' - DUCT TYPE SMOKE DETECTOR
'IM' - ADDRESSABLE (INPUT) INTERFACE MODULE
'WF' - SPRINKLER RISER WATERFLOW SWITCH
'PS' - SPRINKLER RISER PRESSURE SWITCH
'TS' - SPRINKLER RISER VALVE TAMPER SWITCH
'FT' - FIREFIGHTER'S TELEPHONE OR JACK
BEAM SMOKE DETECTOR - RECEIVER / TRANSMITTER
AUDIO/VISUAL ALARM SIGNAL RECESSED MOUNTED 'C' - CEILING MOUNTED, 'S' - SURFACE MOUNTED
VISUAL ALARM STROBE SIGNAL WALL/CEILING MOUNTED
AUDIO ALARM SIGNAL 'C' - CEILING MOUNT, 'T' - INDUSTRIAL HORN
FIRE ALARM SYSTEM CONTROL PANEL
REMOTE FIRE ALARM SYSTEM (REMOTE) ANNUNCIATOR PANEL
MAGNETIC DOOR HOLD OPEN
DUCT SMOKE DETECTOR ALARM LIGHT

TELECOMMUNICATION SYSTEM

- DATA OUTLET - EMPTY BOX, UNLESS SPEC'D OTHERWISE 'C' INDICATES CEILING MOUNT
TELEPHONE OUTLET - EMPTY BOX, UNLESS SPEC'D OTHERWISE 'C' INDICATES CEILING MOUNT, 'W' - WALL MOUNT AT 48" AFF
TELE/ DATA OUTLET - EMPTY BOX, UNLESS SPEC'D OTHERWISE 'C' INDICATES CEILING MOUNT
WIRELESS ACCESS POINT

SECURITY SYSTEM

- CCTV CAMERA
CCTV MONITOR
MOTION DETECTOR
KEYPAD / KEY READER
SIGNAL BELL
INTERCOM STATION
CARD READER

NURSE CALL SYSTEM

- PATIENT CALL STATION
DOME LIGHT

PAGING SYSTEM

- SPEAKER - WALL/CEILING MOUNTED
PAGING SYSTEM AMPLIFIER & CONTROL PANEL
MICROPHONE OUTLET - WALL/CEILING MOUNTED

CLOCK

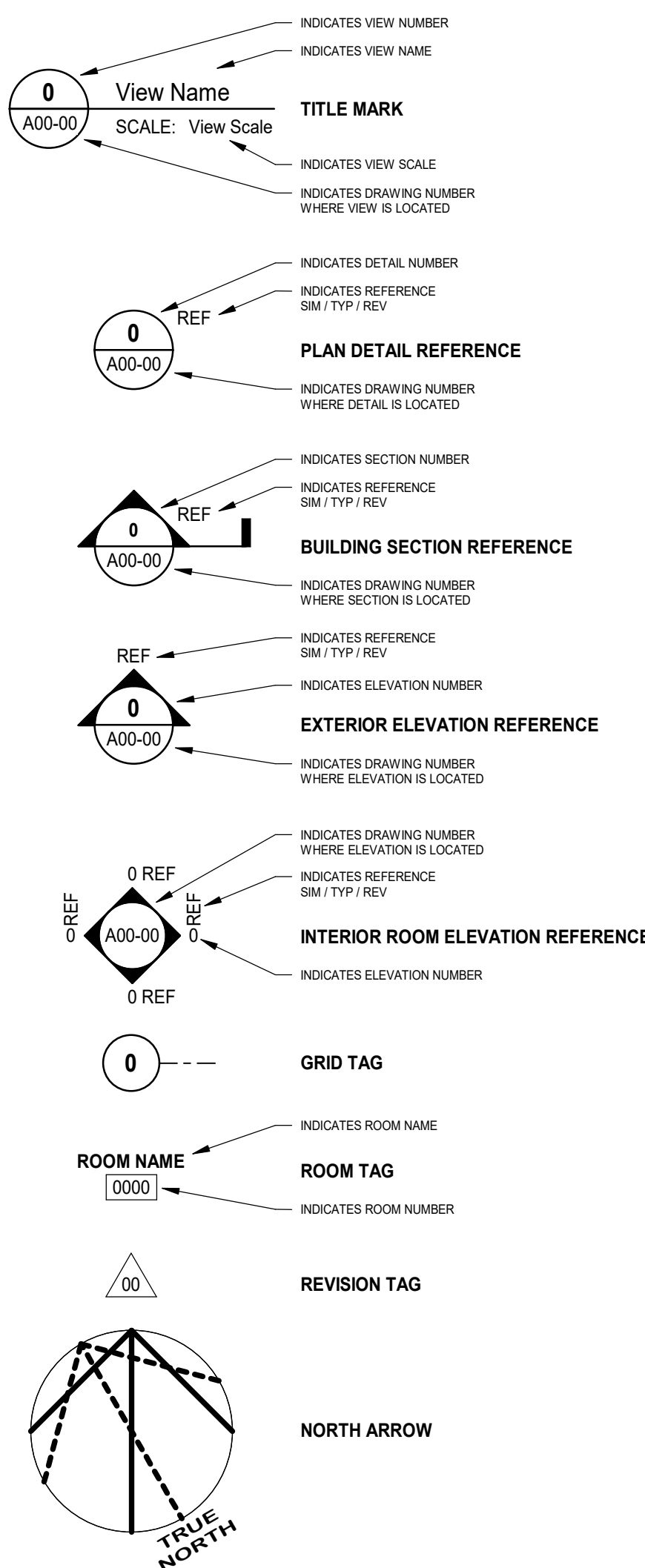
- CLOCK - WALL/CEILING MOUNTED
CLOCK - DOUBLE FACED - WALL/CEILING MOUNTED

ONE-LINE DIAGRAMS

- NORMALLY OPEN / CLOSED SWITCH
FUSE
CIRCUIT BREAKER (600V AND LESS)
TRANSFORMER
TRANSFORMER WINDING DELTA / WYE GROUNDED / WYE RESISTANCE GROUNDED
POTENTIAL TRANSFORMER (PT) / CURRENT TRANSFORMER (CT)
ELECTRIC UTILITY / SOLID STATE METERING DEVICE
PROTECTIVE RELAY - NUMBER/LETTER INDICATES
27 - UNDERVOLTAGE
32 - REVERSE POWER
47 - PHASE SEQUENCE
50 - INSTANTANEOUS
51 - OVERCURRENT
67 - DIRECTIONAL OVERCURRENT
86 - LOCKOUT
87 - DIFFERENTIAL
SUFFIXES: G - GROUND, N - NEUTRAL, X - AUXILIARY
KEY INTERLOCK / TEST BLOCK NUMBER INDICATES RELATED KEYS

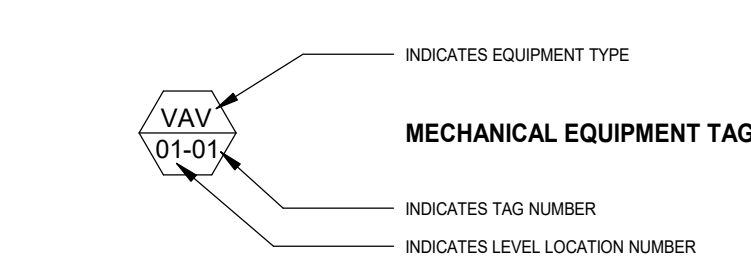
SYMBOL LEGEND

ANNOTATION SYMBOLS



SYMBOL LEGEND

ELECTRICAL TAG ANNOTATION SYMBOLS



MOUNTING HEIGHTS

(ALL MOUNTING HEIGHTS ARE TO THE CENTER OF THE DEVICE, UNLESS OTHERWISE NOTED)

Table with 2 columns: Equipment Name and Mounting Height. Includes items like RECEPTACLES (GENERAL), LIGHT SWITCHES & PUSH BUTTONS, CARD READERS, DISTRIBUTION PANELS, MOTOR STARTERS & SAFETY SWITCHES, TELEPHONE & DATA OUTLETS (BOXES), NURSE CALL PATIENT STATIONS, NURSE CALL TOILET/SHOWER STATIONS, TELEVISION OUTLETS (POWER & CABLE), and CLOCK OUTLETS.

ABBREVIATIONS - ELECTRICAL

Table of electrical abbreviations including AMPERE, ABOVE COUNTER, ALTERNATING CURRENT, ARMOR-CLAD, ADDENDUM, AMPERES, FRAME (BREAKER RATING), ABOVE FINISHED FLOOR, ABOVE FINISHED GRADE, ABOVE GROUND, AMPERE INTERRUPTING SHORT CIRCUIT CURRENT, ALUMINUM, AMMETER, APPROXIMATE, ARCHITECTURAL, AMMETER SWITCH, AUTOMATIC SPRINKLER RISER, AMPERE TRIP (BREAKER SETTING), AUTOMATIC TRANSFER SWITCH, AUXILIARY, AUDIO-VISUAL, AMERICAN WIRE GAUGE, BUILDING AUTOMATION SYSTEM, BOTTOM CHORD, BUS DUCT, BUILDING, CONDUIT, CONTROLLED ACCESS SYSTEM, CIRCUIT BREAKER, CLOSED CIRCUIT TELEVISION, CIRCUIT, CURRENT LIMITING FUSE, CEILING, COAXIAL CABLE, COLUMN, CONTINUATION (CONTINUOUS), CONTROL PANEL, CURRENT TRANSFORMER, CURRENT TEST BLOCK, COPPER, DIRECT CURRENT, DEGREE, DEPARTMENT, DETAIL, DIAMETER, DISCONNECT, DOWN, DOUBLE THROW, DRAWING, EACH, EMERGENCY POWER DISTRIBUTION PANEL, EXHAUST FAN, ELEVATION, ELECTRIC (ELECTRICAL), EMERGENCY LIGHTING PANEL, END-OF-LINE RESISTOR, EMERGENCY, EMERGENCY MOTOR CONTROL CENTER, ENERGY MANAGEMENT SYSTEM, ELECTRICAL METALLIC TUBING, EMERGENCY POWER OFF, EQUIPMENT, EMERGENCY RECEPTACLE PANEL, ELECTRIC UNIT HEATER, ELECTRIC WATER COOLER, FIRE ALARM, FIRE ALARM ANNUNCIATOR PANEL, FIRE ALARM CONTROL PANEL, FLOOR BOX (AT JB), FEEDER, FINISH, FLOOR, FURNITURE POKE-THRU (AT JB), FUSE, FUTURE, FURNITURE WALL BOX (AT JB), GROUND, GROUND FAULT BREAKER, GENERATOR, GROUND FAULT CIRCUIT INTERRUPTER, GALVANIZED RIGID STEEL, HIGH INTENSITY DISCHARGE, HORIZONTAL, HORSEPOWER, HIGH PRESSURE SODIUM, HEIGHT, HEATER, HIGH VOLTAGE, HEATING VENTILATING AND AIR CONDITIONING, INTERLOCKING ARMOR CABLE, INTERCOM, INCANDESCENT, INCORPORATE, INVERT ELEVATION, INTERRUPTING SHORT CIRCUIT CURRENT, ISOLATED NEUTRAL, JUNCTION BOX, THOUSAND CIRCULAR MIL(S) (MCM), KILOVOLT

ABBREVIATIONS - ELECTRICAL

Table of electrical abbreviations including KILOVOLT-AMPERES, KILOVOLT-AMPERES REACTIVE, KILOWATT, KILOWATT-HOUR, LIGHTING ARRESTOR, LIGHTING DISTRIBUTION PANEL, LIGHTING PANEL, LIGHT, LIGHTING, LOW VOLTAGE, METER, MILLIAMPERE, MAXIMUM, METAL-CLAD (CABLE), MAIN CIRCUIT BREAKER, MOTOR CONTROL CENTER, MECHANICAL, MEZZANINE, MANUFACTURING, MANUFACTURER, MANHOLE, METAL HALIDE, MOUNTING HEIGHT, MICROPHONE, MINIMUM, MISCELLANEOUS, MAIN LUG ONLY, MOTOR OPERATED, MOUNTED, MOUNTING, MANUAL TRANSFER SWITCH, MEDIUM VOLTAGE, NEUTRAL, NORMAL, NORMALLY CLOSED, NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION, NOT FUSED, NATIONAL FIRE PROTECTION ASSOCIATION, NOT IN CONTRACT, NIGHT LIGHT, NORMALLY OPEN, NUMBER, NOT TO SCALE, ON CENTER, OWNER-FURNISHED, CONTRACTOR-INSTALLED, OFFICE, OVERLOAD, OPENING, OCCUPANCY SENSOR, POLE, PUBLIC ADDRESS SYSTEM, PULL BOX, POWER DISTRIBUTION PANEL, POWER FACTOR, PHASE, POST INDICATOR, PILOT LIGHT, PLUMBING, PANEL, POWER PANEL, PAIR, PRIMARY, PULL SWITCH, POTENTIAL TRANSFORMER, POLYVINYL CHLORIDE, POWER, REMOTE CONTROL, RECEPTACLE, RIGID METAL CONDUIT, RECEPTACLE PANEL, RIGID STEEL CONDUIT, SMOKE DETECTOR, SECONDARY, SURFACE FLOOR BOX, SHIELDED, SHEET, SIGNAL, SINGLE POLE, SPECIFICATION, SPEAKER, SECTION SWITCH, SINGLE THROW, SHIELDED TWISTED PAIR W/ OVERALL SHIELD, STRUCTURAL, SUBSTATION, SWITCH, SWITCHBOARD, SWITCHGEAR, SYSTEM, THERMOSTAT, THERMAL BREAKER, TELEPHONE, TWIST LOCK, TOP OF STEEL, POWER FACTOR TRANSDUCER, TYPICAL, UNDERGROUND, UNIT HEATER, UNLESS OTHERWISE NOTED, UNSHIELDED TWISTED PAIR

ABBREVIATIONS - ELECTRICAL

Table of electrical abbreviations including UNSHIELDED TWISTED PAIR W/ OVERALL SHIELD, VOLT OR VOLTAGE, VOICE-DATA, VERTICAL, VERIFY IN FIELD, VOLTMETER, VAPOR PROOF, VOLTMETER SWITCH, WATT, WITH, WITHOUT, WATT-HOUR METER, WATT-HOUR DEMAND METER, WEATHER PROOF, WELDING RECEPTACLE, TRANSFORMER, EXPLOSION PROOF, EXISTING FIXTURE/EQUIPMENT TO REMAIN, EXISTING FIXTURE/EQUIPMENT TO BE RELOCATED, NEW (DEVICE), EXISTING FIXTURE/EQUIPMENT TO BE REMOVED, RELOCATED EXISTING FIXTURE/EQUIPMENT

DRAWING LIST - ELECTRICAL

Table with 2 columns: Drawing Number and Description. Includes E01-01 DRAWING LIST & LEGENDS, E10-01 POWER PLANS, E10-02 MEZZANINE PLANS, E40-01 TELECOMMUNICATIONS PLANS, E80-01 PANEL SCHEDULES, E80-01 ELECTRICAL DEMOLITION PLANS

Table with 3 columns: DATE, ISSUED FOR, REV. Includes 2024-06-13 Issued for 95% CD Client Review (Rev 1) and 2024-07-03 Issued for Bid and Building Permit (Rev 2)

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This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Table with 2 columns: Project Component and Key Plan. Includes Project Component and Key Plan entries.

Table with 2 columns: Consultants and Survey. Lists various consultants and survey details.

Seal(s) section containing a professional seal for Joseph John Gluvers, State of Michigan, License No. 77324.

NORR logo and contact information: NORR OFFICE ADDRESS, norr.com

Table with 2 columns: Project Manager and Drawn. Lists Project Manager and Drawn details.

Table with 2 columns: Project Leader and Checked. Lists Project Leader and Checked details.

Client: WAYNE STATE UNIVERSITY

Project: WSU - DeRoy Building Renovations

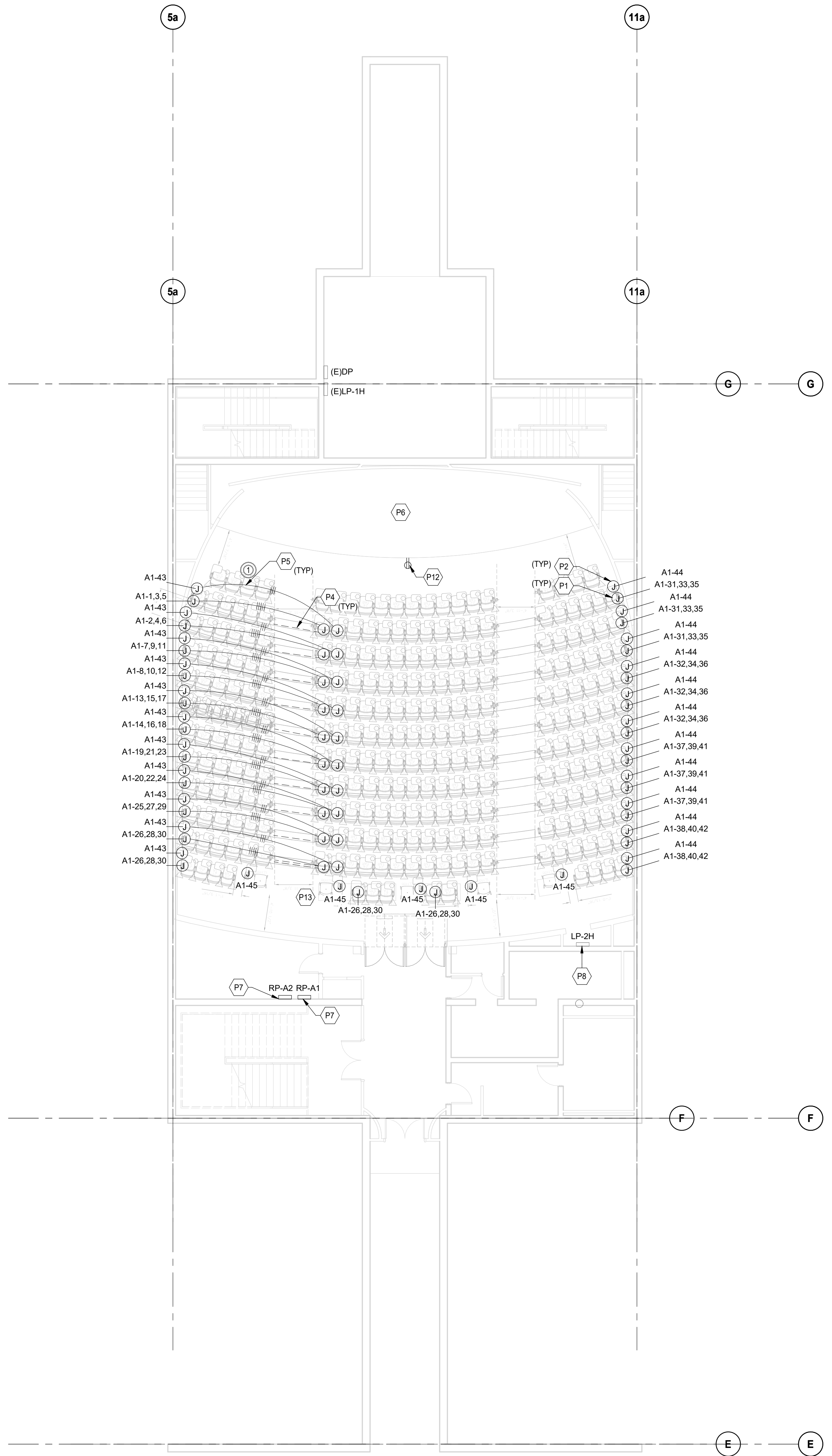
DETROIT, MICHIGAN, US

Drawing Title: DRAWING LIST & LEGENDS

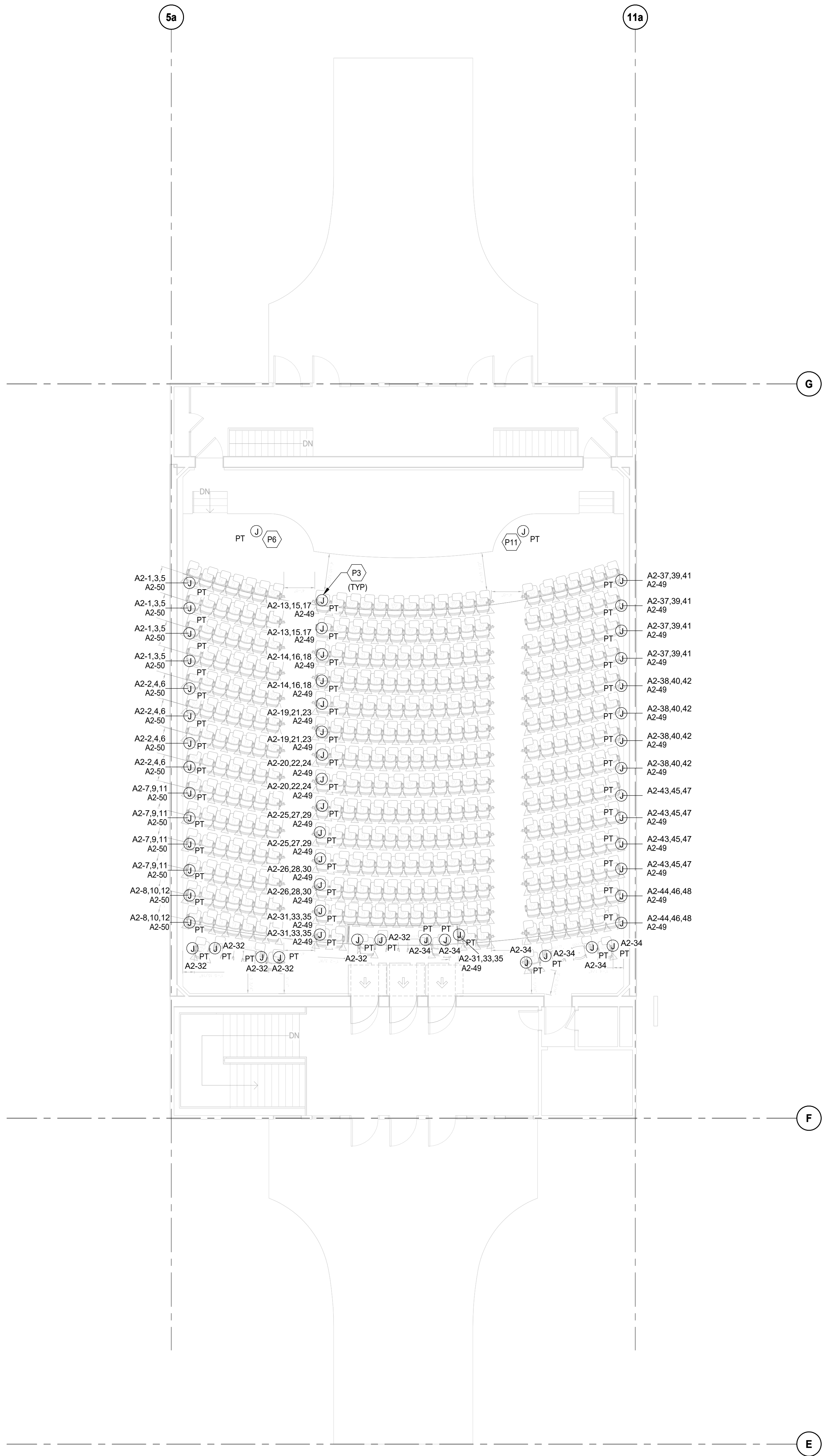
Scale: 12" = 1'-0"

Project No.: ED024-0062

Drawing No.: E01-01



1 OVERALL POWER PLAN - LEVEL P1
SCALE: 1/8" = 1'-0"



2 OVERALL POWER PLAN - LEVEL 1
SCALE: 1/8" = 1'-0"

- POWER KEYNOTES**
- P1 PROVIDE JUNCTION BOX FOR CONNECTION TO LECTURE SEATS. PROVIDE 1/2" FLEXIBLE CONDUIT DOWN WALL TO BOX.
 - P2 PROVIDE JUNCTION BOX FOR CONNECTION TO LECTURE SEAT AISLE LIGHT(S). PROVIDE 1/2" FLEXIBLE CONDUIT DOWN WALL TO BOX. COMBINE JUNCTION WITH LECTURE SEATING JUNCTION BOX IF POSSIBLE.
 - P3 PROVIDE POKE THRU DEVICE WITH FURNITURE FEED FOR LECTURE SEAT POWER AND AISLE LIGHTS.
 - P4 PROVIDE 3/4" IN FLOOR. REFER TO ARCHITECTURAL SHEET FOR LOCATION OF SAW CUT IN FLOOR.
 - P5 ROUTE CONDUIT TIGHT TO BOTTOM OF LECTURE STEP WALL. REFER TO DETAIL ON ARCHITECTURAL DRAWINGS.
 - P6 RELOCATED LECTURN POWER. EXTEND CIRCUIT AS NEEDED.
 - P7 CONNECT NEW PANEL TO MAIN SWITCH BOARD LOCATED IN ROOM 2. PROVIDE NEW 100A CIRCUIT BREAKER AS REQUIRED.
 - P8 NEW PANEL LP-2H, 200A, 208/120V, 3PH, 4W, 42 CIRCUIT. RECONNECT EXISTING FEEDER AND BRANCH CIRCUITS.
 - P9 NEW FCU CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN PANEL LP-2H. PROVIDE RECEPTACLE FOR NEW DATA RACK. CONNECT TO SPARE 20A/1P CIRCUIT IN PANEL LP-2H.
 - P10 PROVIDE POKE THRU DEVICE WITH 2 DUPLEX RECEPTACLES AT NEW LECTURE. CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN PANEL LP-2H.
 - P11 PROVIDE RECEPTACLE FOR NEW CEILING MOUNTED PROJECTOR. CONNECT TO SPARE 20A/1P CIRCUIT IN PANEL LP-2H. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
 - P12 ROUTE CONDUITS VIA REMOVED SLAB FOR POWER IN THE BACK ROW. COORDINATE ROUTING WITH ARCHITECTURAL TRADES FOR SLAB REMOVAL.

- ALTERNATE 1:**
- PROVIDE AND INSTALL 4"x4" JUNCTION BOXES ON LOWER LEVEL AND INSTALL 3/4" THRU FLOOR RISER.
 - PROVIDE AND INSTALL SEATING RACEWAYS IN BOTH AUDITORIUMS. PROVIDE AND INSTALL LEVEL 1 SEATING POKE THRUS.
- ALTERNATE 2:**
- PROVIDE PANELS A1 AND A2, WIRING AND FINAL CONNECTIONS TO SEATING.

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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Project Component
Key Plan

Consultants

Survey:	
Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
Landscape:	

Seal(s)

NORR

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norr.com

Project Manager Valentino Mancini	Drawn Author
Project Leader Valentino Mancini	Checked Checker
Client WAYNE STATE UNIVERSITY	

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US

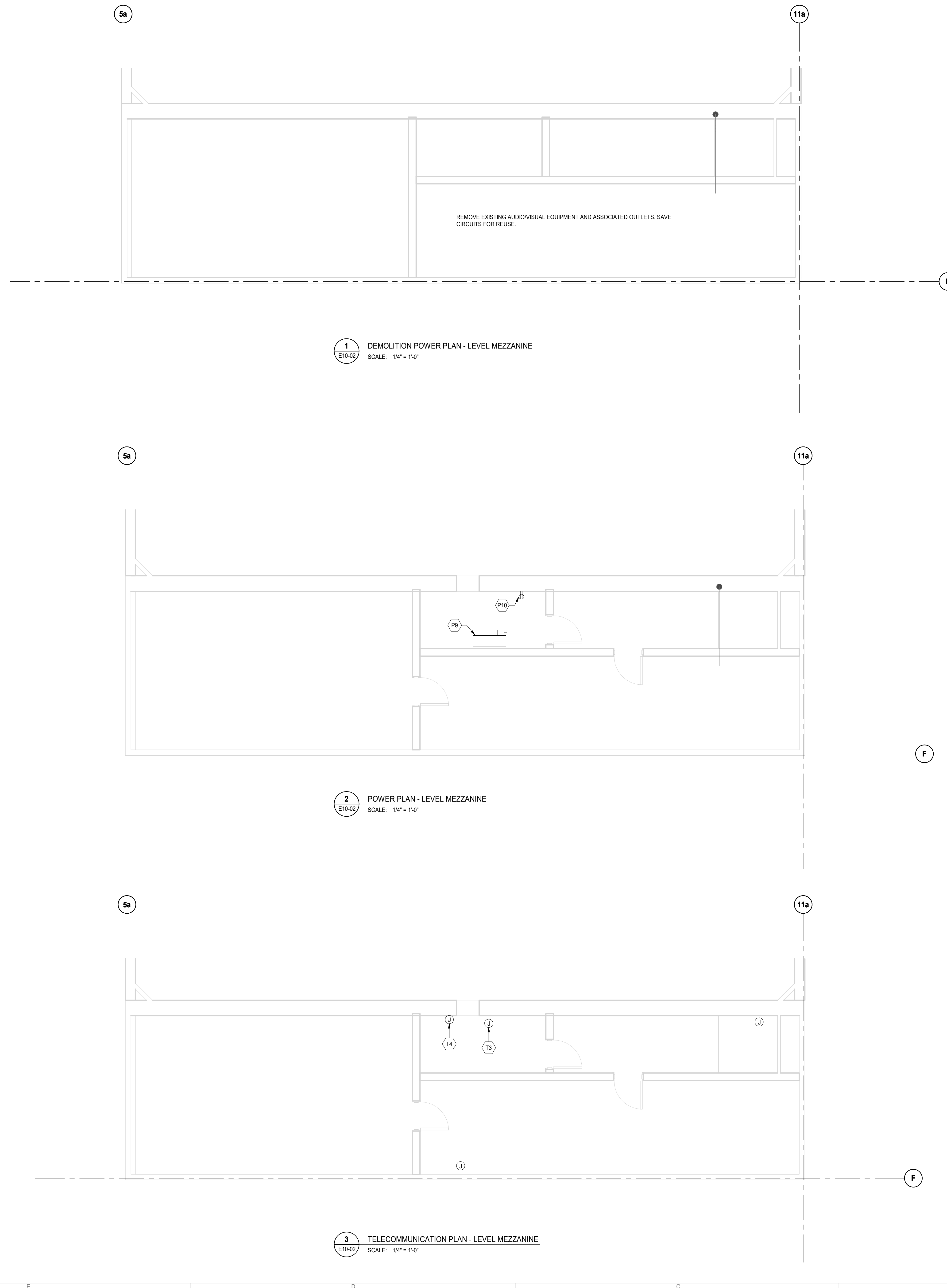
Drawing Title
POWER PLANS

Scale
1/8" = 1'-0"

Project No.
ED2024-0062

Drawing No.
E10-01

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POWER KEYNOTES

- P1 PROVIDE JUNCTION BOX FOR CONNECTION TO LECTURE SEATS. PROVIDE 1/2" FLEXIBLE CONDUIT DOWN WALL TO BOX.
- P2 PROVIDE JUNCTION BOX FOR CONNECTION TO LECTURE SEAT AISLE LIGHT(S). PROVIDE 1/2" FLEXIBLE CONDUIT DOWN WALL TO BOX. COMBINE JUNCTION WITH LECTURE SEATING JUNCTION BOX IF POSSIBLE.
- P3 PROVIDE POKE THRU DEVICE WITH FURNITURE FEED FOR LECTURE SEAT POWER AND AISLE LIGHTS.
- P4 PROVIDE 3/4" IN FLOOR. REFER TO ARCHITECTURAL SHEET FOR LOCATION OF SAW CUT IN FLOOR.
- P5 ROUTE CONDUIT TIGHT TO BOTTOM OF LECTURE STEP WALL. REFER TO DETAIL ON ARCHITECTURAL DRAWINGS.
- P6 RELOCATED LECTURN POWER. EXTEND CIRCUIT AS NEEDED.
- P7 CONNECT NEW PANEL TO MAIN SWITCH BOARD LOCATED IN ROOM 2. PROVIDE NEW 100A CIRCUIT BREAKER AS REQUIRED.
- P8 NEW PANEL LP-2H, 200A, 208/120V, 3PH, 4W, 42 CIRCUIT. RECONNECT EXISTING FEEDER AND BRANCH CIRCUITS.
- P9 NEW FCU. CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN PANEL LP-2H. PROVIDE RECEPTACLE FOR NEW DATA RACK. CONNECT TO SPARE 20A/1P CIRCUIT IN PANEL LP-2H.
- P10 PROVIDE POKE THRU DEVICE WITH 2 DUPLEX RECEPTACLES AT NEW LECTURE. CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN PANEL LP-2H.
- P11 PROVIDE RECEPTACLE FOR NEW CEILING MOUNTED PROJECTOR. CONNECT TO SPARE 20A/1P CIRCUIT IN PANEL LP-2H. COORDINATE LOCATION WITH TECHNOLOGY DRAWINGS.
- P12 ROUTE CONDUITS VIA REMOVED SLAB FOR POWER IN THE BACK ROW. COORDINATE ROUTING WITH ARCHITECTURAL TRADES FOR SLAB REMOVAL.

TELECOMMUNICATION KEYNOTES

- T1 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR WALL MOUNTED SPEAKER. COORDINATE ROUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
- T2 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR PROJECTION SCREEN. COORDINATE OUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
- T3 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR CAMERA. COORDINATE OUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
- T4 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR PROJECTOR. COORDINATE OUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
- T5 JUNCTION BOX WITH 1" C FOR WIRELESS ACCESS POINT. REFER TO TECHNOLOGY DRAWINGS FOR MOUNTING HEIGHT, CONDUIT ROUTING AND JUNCTION BOX REQUIREMENTS.

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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Project Component
Key Plan

Consultants
Survey:
Civil:
Architecture: NORR
Structural: NORR
Mechanical: NORR
Electrical: NORR
Interiors: NORR
Landscape:

Seal(s)

NORR

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norr.com

Project Manager Valentino Mancini	Drawn Author
Project Leader Valentino Mancini	Checked Checker

Client
WAYNE STATE UNIVERSITY

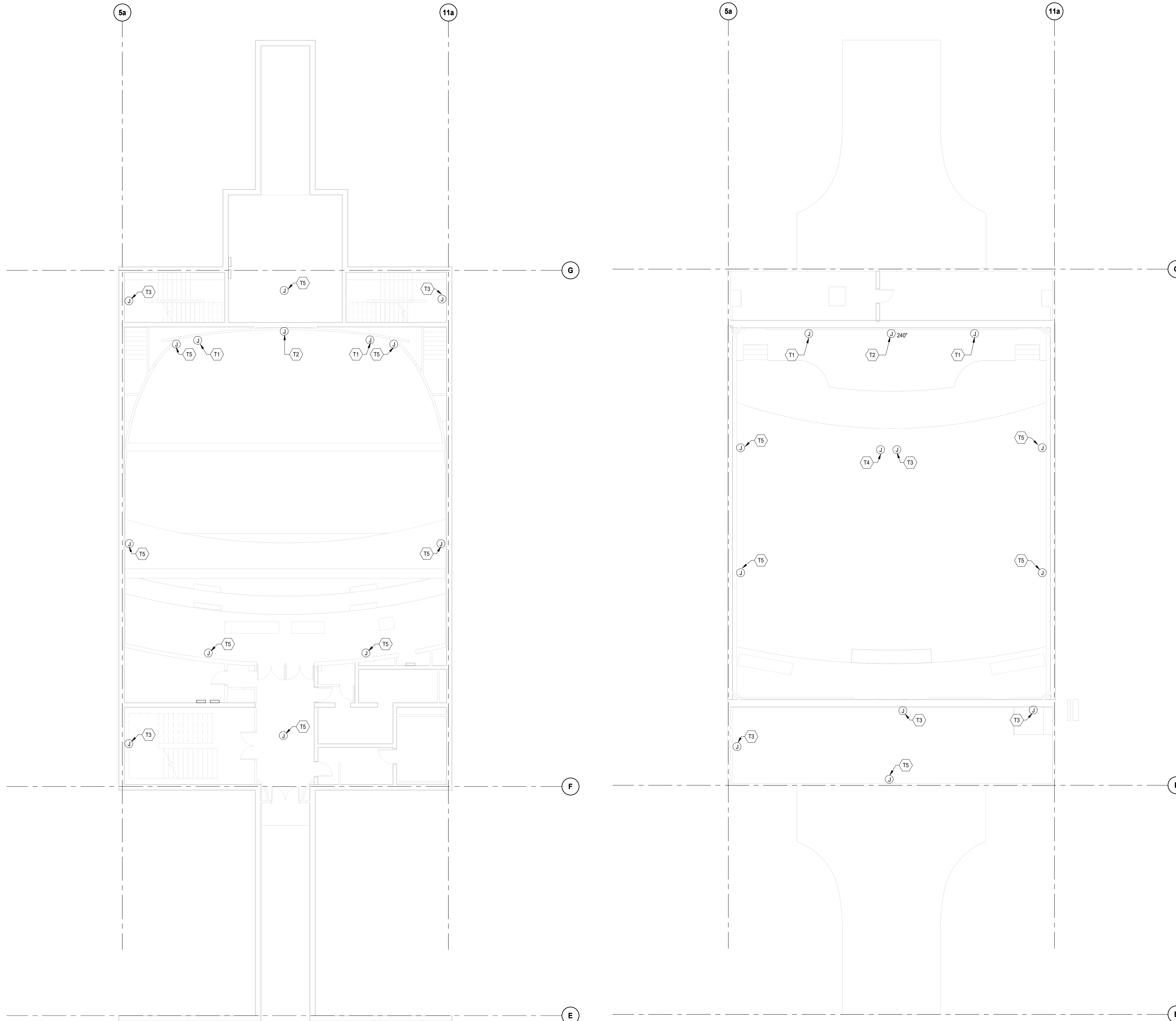
Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
MEZZANINE PLANS

Scale
1/4" = 1'-0"

Project No.
ED2024-0062

Drawing No.
E10-02



1 OVERALL TELECOMMUNICATION PLAN - LEVEL P1
 E40-01 SCALE: 1/8" = 1'-0"

2 OVERALL TELECOMMUNICATION PLAN - LEVEL 1
 E40-01 SCALE: 1/8" = 1'-0"

- TELECOMMUNICATION KEYNOTES**
- T1 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR WALL MOUNTED SPEAKER. COORDINATE ROUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
 - T2 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR PROJECTION SCREEN. COORDINATE OUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
 - T3 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR CAMERA. COORDINATE OUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
 - T4 SINGLE GANG JUNCTION BOX WITH 1" C TO AV RACK IN MEZZANINE FOR PROJECTOR. COORDINATE OUTING OF CONDUIT WITH TECHNOLOGY DRAWINGS.
 - T5 JUNCTION BOX WITH 1" C FOR WIRELESS ACCESS POINT. REFER TO TECHNOLOGY DRAWINGS FOR MOUNTING HEIGHT, CONDUIT ROUTING AND JUNCTION BOX REQUIREMENTS.

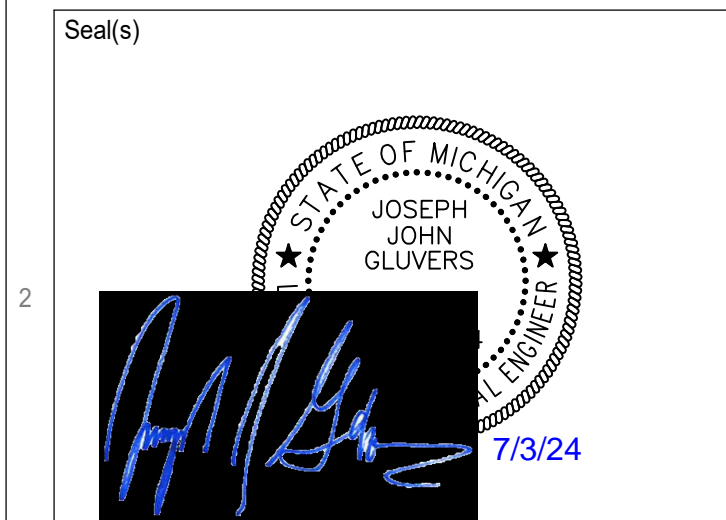
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 Electrical: NORR
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Project Manager Valentino Mancini	Drawn Author
Project Leader Valentino Mancini	Checked Checker

Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
 Drawing Title
TELECOMMUNICATIONS PLANS

Scale
 1/8" = 1'-0"

Project No.
 ED2024-0062

Drawing No.
E40-01

BRANCH PANEL: RP-A1

LOCATION: STORAGE 115
 SUPPLY FROM:
 MOUNTING: Surface
 ENCLOSURE: Type 1

VOLTS: 120/208 Wye
 PHASES: 3
 WIRES: 4

A.I.C. RATING:
 MAINS TYPE:
 BUS RATING: 100 A
 MCB RATING:

NOTES:

CKT	LG	CIRCUIT DESCRIPTION	TRIP	POLE	A	B	C	POLE	TRIP	CIRCUIT DESCRIPTION	LG	CKT
A1-1					600	660						A1-2
A1-3		LOWER LEVEL AUDITORIUM SEATING	20 A	3		600	660		3	20 A		A1-4
A1-5					660	660		600	660			A1-6
A1-7												A1-8
A1-9		LOWER LEVEL AUDITORIUM SEATING	20 A	3		660	660		3	20 A		A1-10
A1-11								660	660			A1-12
A1-13					660	660						A1-14
A1-15		LOWER LEVEL AUDITORIUM SEATING	20 A	3			660	660	3	20 A		A1-16
A1-17								660	660			A1-18
A1-19					660	660						A1-20
A1-21		LOWER LEVEL AUDITORIUM SEATING	20 A	3			660	660	3	20 A		A1-22
A1-23								660	660			A1-24
A1-25					660	960						A1-26
A1-27		LOWER LEVEL AUDITORIUM SEATING	20 A	3			660	960	3	20 A		A1-28
A1-29								660	960			A1-30
A1-31					660	720						A1-32
A1-33		LOWER LEVEL AUDITORIUM SEATING	20 A	3			660	720	3	20 A		A1-34
A1-35								660	720			A1-36
A1-37					720	480						A1-38
A1-39		LOWER LEVEL AUDITORIUM SEATING	20 A	3			720	480	3	20 A		A1-40
A1-41								720	480			A1-42
A1-43		LOWER LEVEL AUDITORIUM AISLE LIGHTS	20 A	1	1050	550			1	20 A		A1-44
A1-45		Power	20 A	1			450	0	1	20 A		A1-46
A1-47		SPARE	20 A	1				0	0	1	20 A	A1-48
A1-49		SPARE	20 A	1	0	0			1	20 A		A1-50
A1-51		SPARE	20 A	1			0	0	1	20 A		A1-52
A1-53		SPARE	20 A	1				0	0	1	20 A	A1-54
					LOAD:		11020 VA		9870 VA		9420 VA	
					AMPS:		92 A		83 A		79 A	

LEGEND (LG):
 A - ARC FAULT BREAKER, E - EXISTING BREAKER, EL - EXISTING LOAD AND BREAKER, G - GROUND FAULT BREAKER, L - LOCKED-ON BREAKER, S - SHUNT TRIP BREAKER

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Power	2050 VA	100.00%	2050 VA	TOTAL CONN. LOAD: 30310 VA
Receptacle	28260 VA	67.69%	19130 VA	TOTAL EST. DEMAND: 21180 VA
				TOTAL CONN.: 84 A
				TOTAL EST. DEMAND: 59 A

NOTES:

BRANCH PANEL: RP-A2

LOCATION: STORAGE 115
 SUPPLY FROM:
 MOUNTING: Surface
 ENCLOSURE: Type 1

VOLTS: 120/208 Wye
 PHASES: 3
 WIRES: 4

A.I.C. RATING:
 MAINS TYPE:
 BUS RATING: 100 A
 MCB RATING:

NOTES:

CKT	LG	CIRCUIT DESCRIPTION	TRIP	POLE	A (VA)	B (VA)	C (VA)	POLE	TRIP	CIRCUIT DESCRIPTION	LG	CKT
A2-1					960	960						A2-2
A2-3		UPPER AUDITORIUM SEATING	20 A	3		960	960		3	20 A		A2-4
A2-5								960	960			A2-6
A2-7					960	480						A2-8
A2-9		UPPER AUDITORIUM SEATING	20 A	3			960	480	3	20 A		A2-10
A2-11								960	480			A2-12
A2-13					840	840						A2-14
A2-15		UPPER AUDITORIUM SEATING	20 A	3			840	840	3	20 A		A2-16
A2-17								840	840			A2-18
A2-19					840	840						A2-20
A2-21		UPPER AUDITORIUM SEATING	20 A	3			840	840	3	20 A		A2-22
A2-23								840	840			A2-24
A2-25					840	840						A2-26
A2-27		UPPER AUDITORIUM SEATING	20 A	3			840	840	3	20 A		A2-28
A2-29								840	840			A2-30
A2-31					540	540			1	20 A		A2-32
A2-33		UPPER AUDITORIUM SEATING	20 A	3			540	540	1	20 A		A2-34
A2-35								540				A2-36
A2-37					960	960						A2-38
A2-39		UPPER AUDITORIUM SEATING	20 A	3			960	960	3	20 A		A2-40
A2-41								960	960			A2-42
A2-43					960	480						A2-44
A2-45		UPPER AUDITORIUM SEATING	20 A	3			960	480	3	20 A		A2-46
A2-47								960	480			A2-48
A2-49		UPPER AUDITORIUM AISLE LIGHTS	20 A	1	700	700			1	20 A		A2-50
A2-51		SPARE	20 A	1				0	1	20 A		A2-52
A2-53		SPARE	20 A	1				0	1	20 A		A2-54
					LOAD:		14240 VA		12840 VA		12300 VA	
					AMPS:		119 A		108 A		103 A	

LEGEND (LG):
 A - ARC FAULT BREAKER, E - EXISTING BREAKER, EL - EXISTING LOAD AND BREAKER, G - GROUND FAULT BREAKER, L - LOCKED-ON BREAKER, S - SHUNT TRIP BREAKER

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
Power	2480 VA	100.00%	2480 VA	TOTAL CONN. LOAD: 39380 VA
Receptacle	36900 VA	63.55%	23450 VA	TOTAL EST. DEMAND: 25930 VA
				TOTAL CONN.: 109 A
				TOTAL EST. DEMAND: 72 A

NOTES:

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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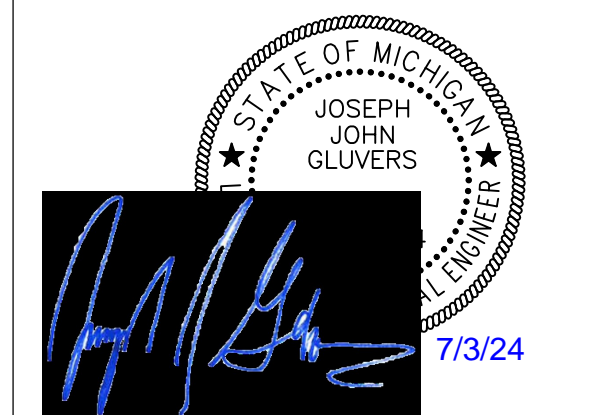
Project Component

Key Plan

Consultants

Survey:
 Civil:
 Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 Landscape:

Seal(s)



NORR

NORR OFFICE ADDRESS
 norr.com

Project Manager

Valentino Mancini

Project Leader

Valentino Mancini

Client

WAYNE STATE UNIVERSITY

Project

WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US

Drawing Title

PANEL SCHEDULES

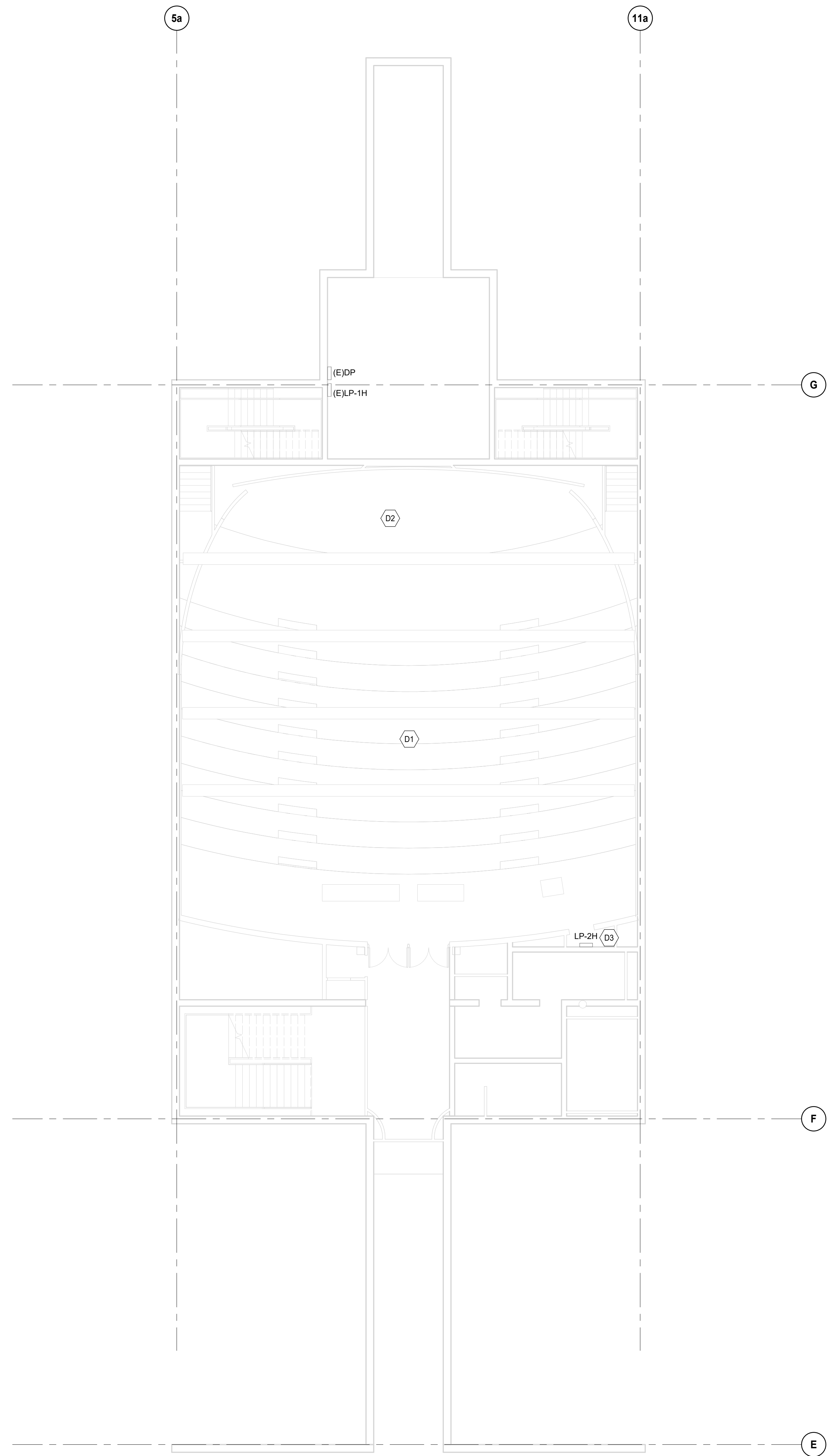
Scale

Project No.

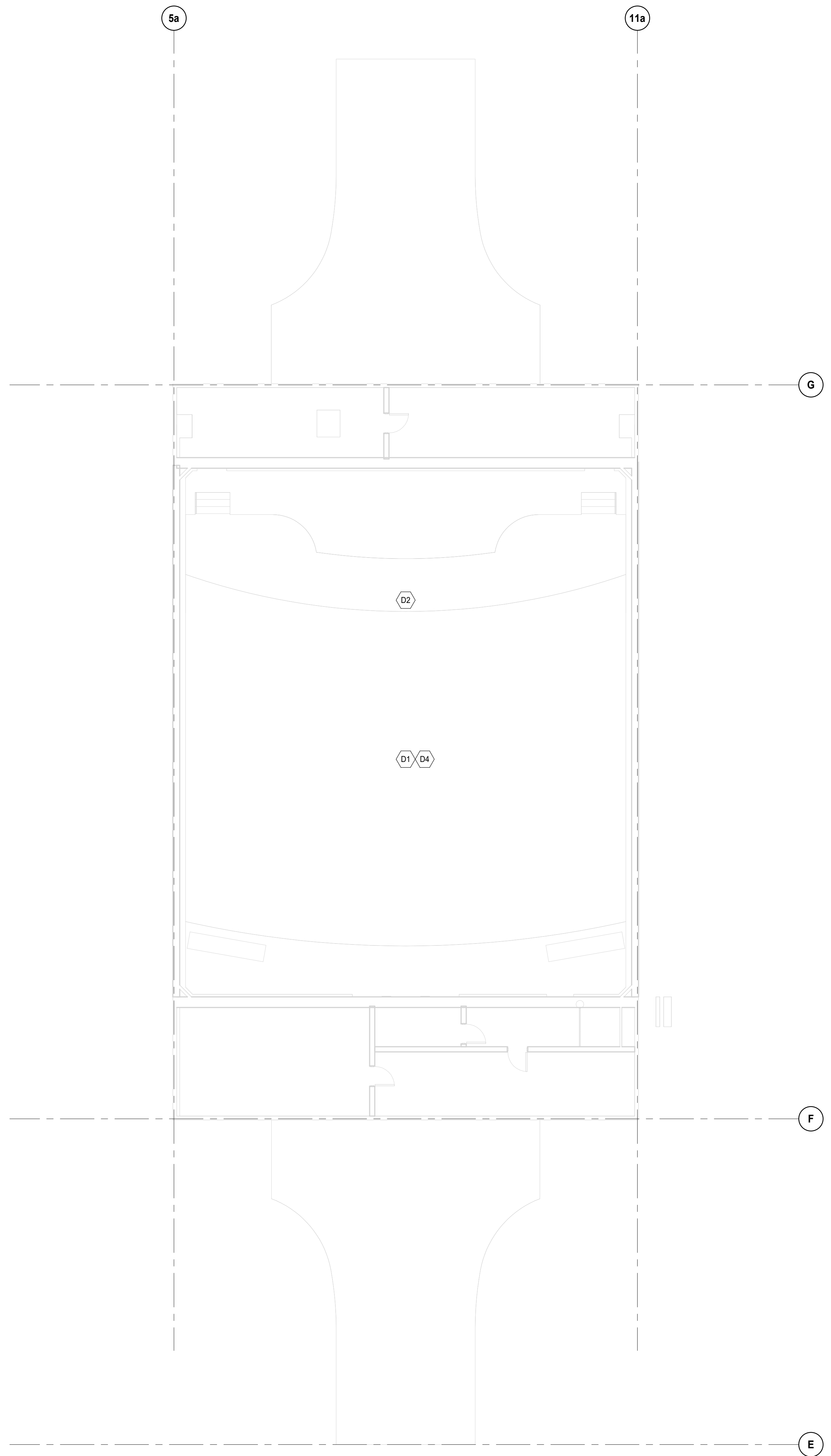
ED2024-0062

Drawing No.

E60-01



1 DEMOLITION POWER PLAN - LEVEL P1
 E80-01 SCALE: 1/8" = 1'-0"



2 DEMOLITION POWER PLAN - LEVEL 1
 E80-01 SCALE: 1/8" = 1'-0"

- DEMOLITION KEYNOTES**
- D1 REMOVE EXISTING AUDIO VISUAL EQUIPMENT, RECEPTACLES, BACK BOXES, WIRE AND LOW VOLTAGE CABLES. SAVE POWER CIRCUITS FOR REUSE.
 - D2 RELOCATE LECTURN POWER. SAVE FOR REUSE.
 - D3 REMOVE EXISTING PANEL LP-2H. EXTEND FEEDER AND BRANCH CIRCUITS TO NEW PANEL.
 - D4 DISCONNECT AND TAKE DOWN EXISTING LIGHT FIXTURES THAT INTERFERE WITH CEILING REMOVAL FOR UPPER AUDITORIUM RACEWAYS. REINSTALL EXISTING LIGHT FIXTURES AND CONNECT TO EXISTING CONTROLS AND CIRCUIT.

DATE	ISSUED FOR	REV
2024-06-13	Issued for 95% CD Client Review	1
2024-07-03	Issued for Bid and Building Permit	2

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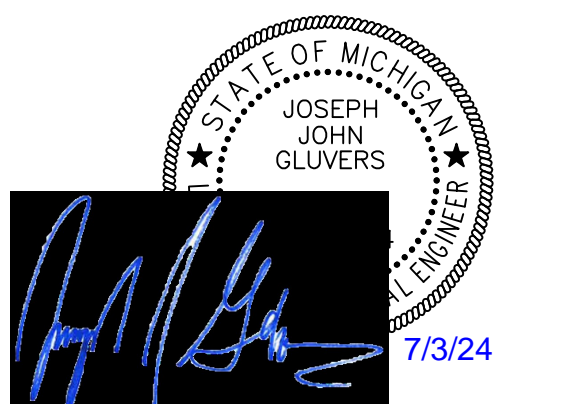
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Project Component

Key Plan

Consultants
 Survey: NORR
 Civil: NORR
 Architecture: NORR
 Structural: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 Landscape: NORR

Seal(s)



NORR

NORR OFFICE ADDRESS
 norr.com

Project Manager Valentino Mancini	Drawn Author
Project Leader Valentino Mancini	Checked Checker

Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
 Drawing Title
ELECTRICAL DEMOLITION PLANS

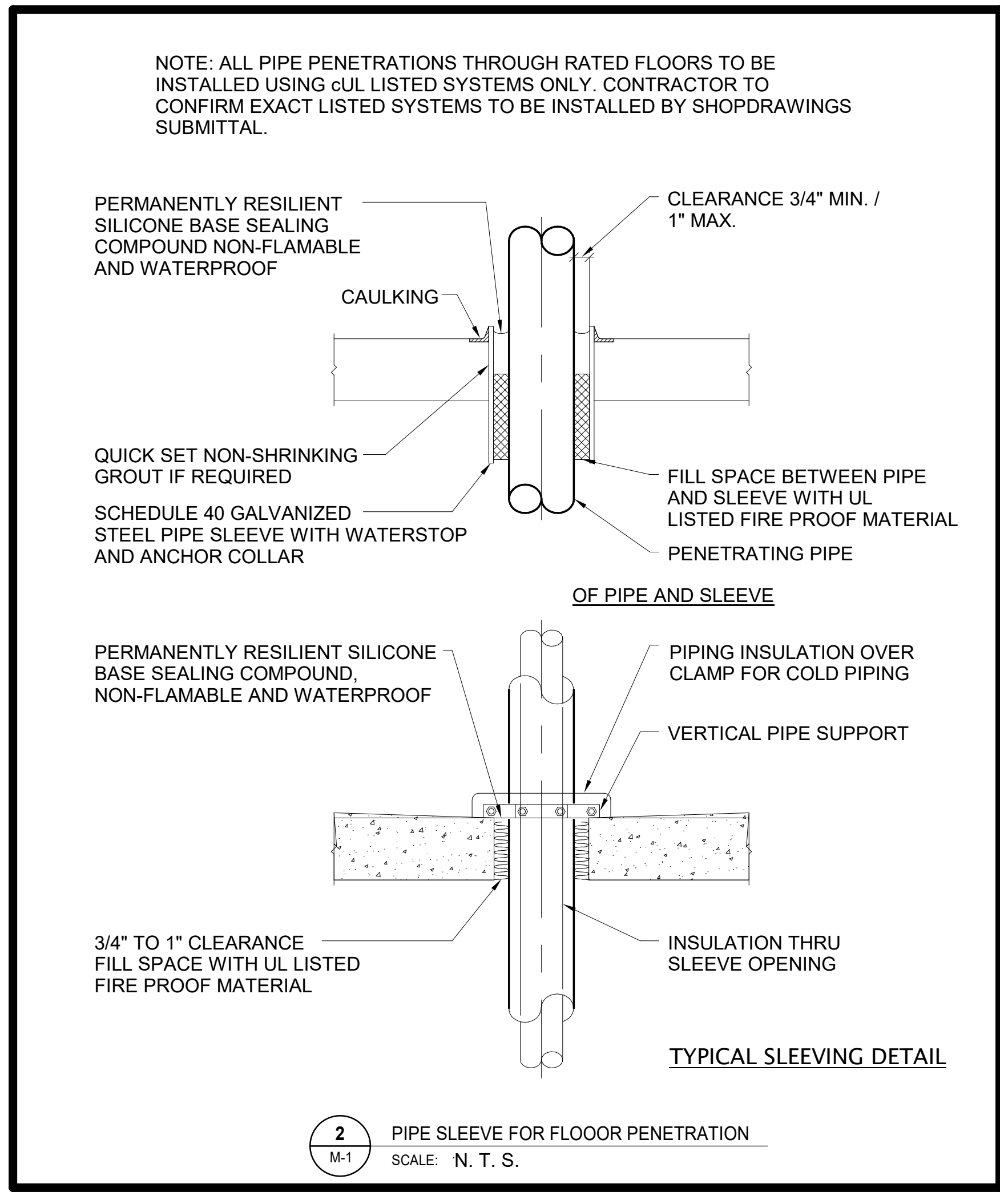
Scale
 1/8" = 1'-0"

Project No.
 ED2024-0062

Drawing No.
E80-01

DRAWING LIST	
DRAWING NUMBER	TITLE
M-1	GENERAL INFORMATION AND EXISTING CONDITIONS
M-2	H.V.A.C. NEW WORK

- GENERAL NOTES - FLOOR PLAN**
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT CONFLICTS IN WRITING TO THE OWNER / OWNERS REPRESENTATIVE.
 - IN THE PRESENCE OF ASBESTOS, ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER.
 - CONTRACTOR TO PROTECT ALL EXISTING ADJACENT CONSTRUCTION TO REMAIN.
 - CONTRACTOR TO REPAIR ANY DAMAGED EXISTING CONSTRUCTION TO MATCH EXISTING.



ABBREVIATIONS	
AIR CONDITIONING	DESCRIPTION
FCU	FAN COIL UNIT
CC	COOLING COIL
EA	EXHAUST AIR
RA	RETURN AIR
RG	RETURN AIR GRILLE
SA	SUPPLY AIR
FD	FIRE DAMPER
CTE	CONNECT TO EXISTING
CW	COMPLETE WITH
S	SINK

DUCTWORK SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	NEW DUCTWORK
[Symbol]	EXISTING DUCTWORK

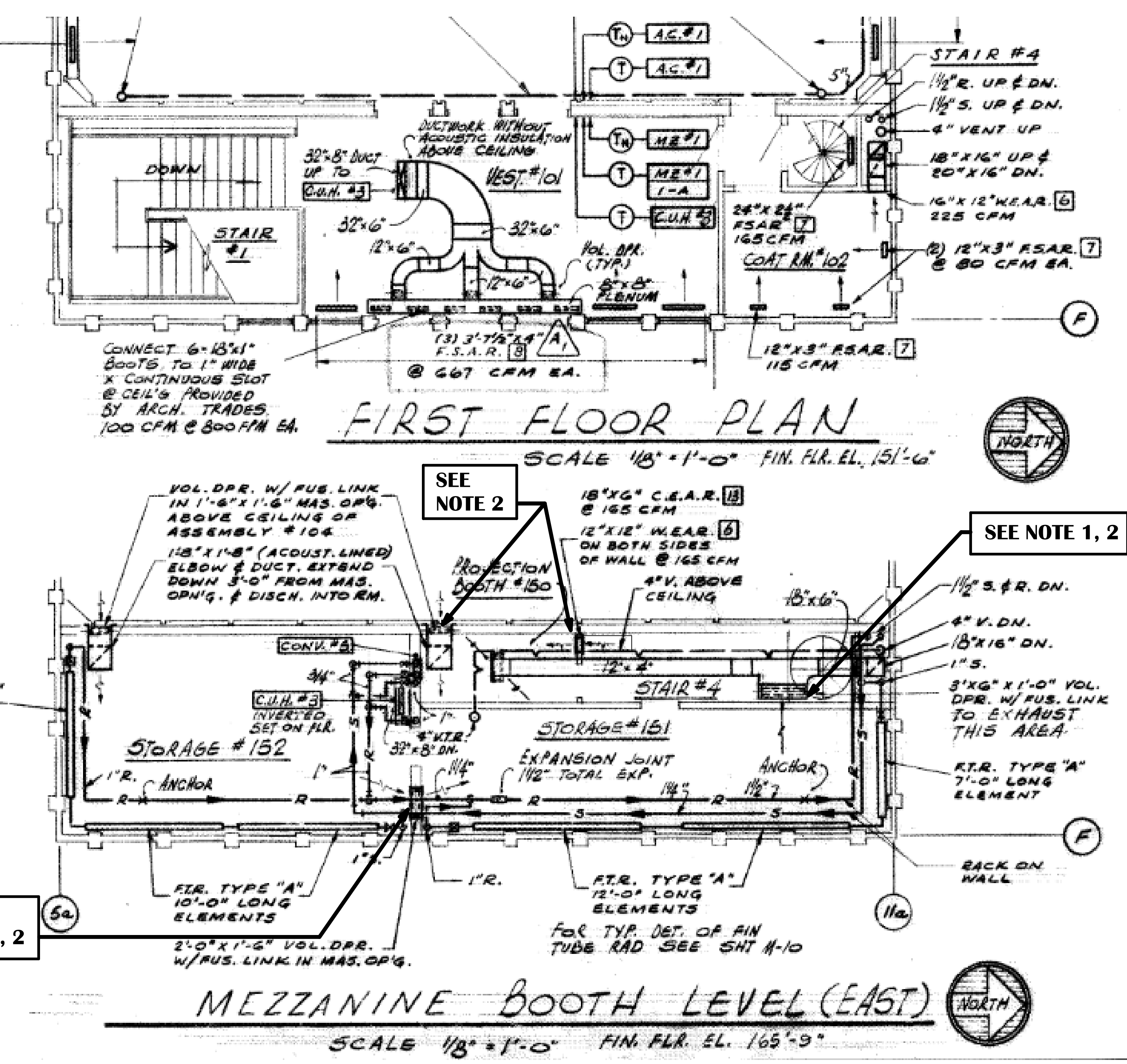
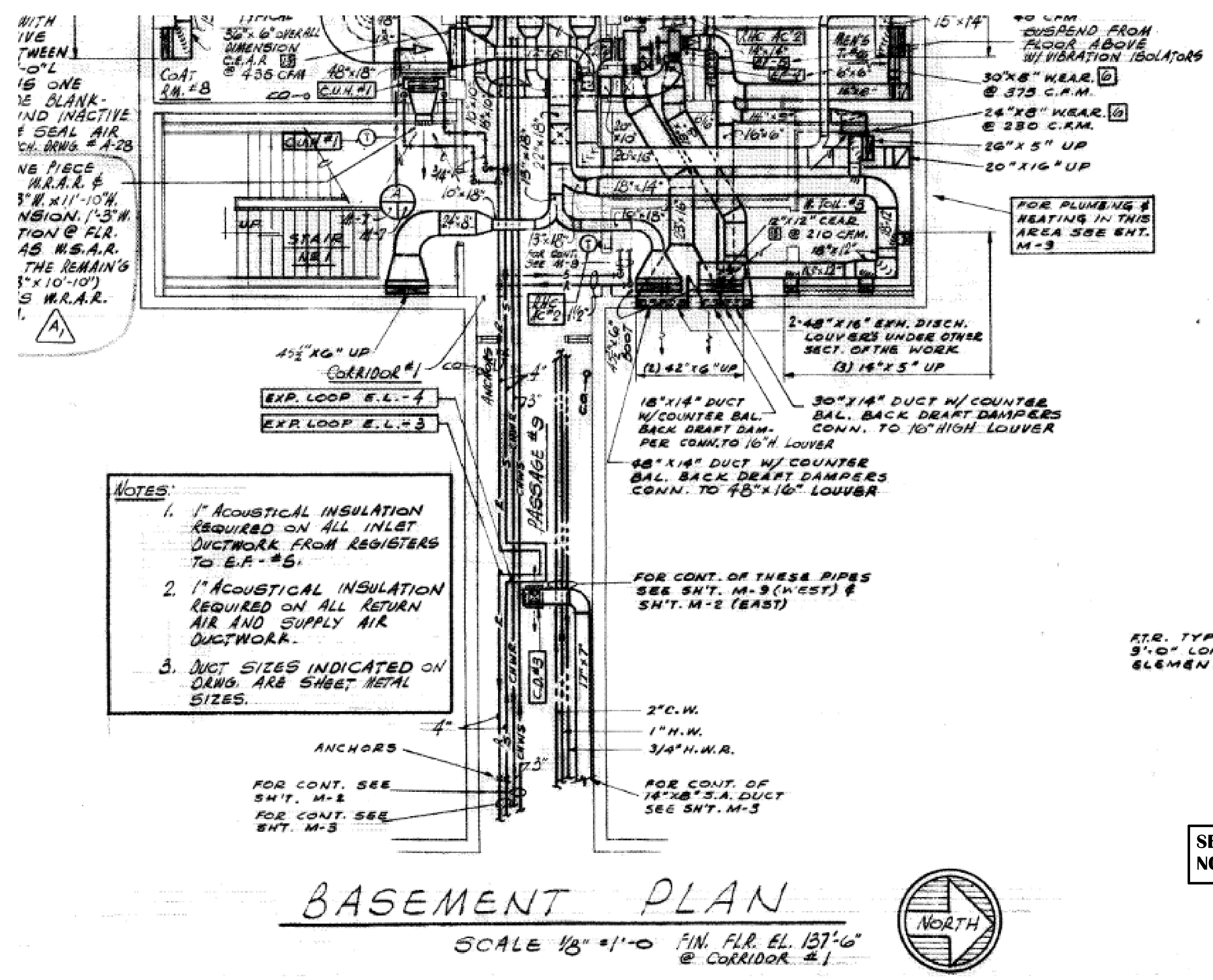
PIPING LEGEND	
SYMBOL	DESCRIPTION
[Symbol]	EXISTING CHILLED WATER SUPPLY
[Symbol]	EXISTING CHILLED WATER RETURN
[Symbol]	CHILLED WATER SUPPLY
[Symbol]	CHILLED WATER RETURN
[Symbol]	CONDENSATE DRAIN
[Symbol]	PUMPED CONDENSATE
[Symbol]	DIRECTION OF FLOW
[Symbol]	PIPE BREAK

PIPING SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	SHUT-OFF VALVE (GENERIC)
[Symbol]	BALL VALVE
[Symbol]	2WAY CONTROL VALVE
[Symbol]	AUTOMATIC AIR VENT
[Symbol]	ELECTRIC VALVE OR DAMPER ACTUATOR
[Symbol]	UNION
[Symbol]	STRAINER
[Symbol]	PIPE DN
[Symbol]	PIPE UP

FAN COIL UNIT SCHEDULE																																													
TAG	LOCATION	MANUFACTURER	MODEL	NOMINAL CAPACITY (TONS)	NOMINAL AIR FLOW (CFM)	EXTERNAL STATIC PRESSURE (in.H2O)	FLUID TYPE	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	MAX VELOCITY (FPM)	COOLING COIL										PRESSURE RATING (PSI)	MOTOR TYPE	MOTOR POWER (HP)	ELECTRICAL (V/Ph/Hz)	EMERGENCY POWER (Y/N)	DIMENSIONS			WEIGHT (LBS)	NOTES															
											EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	FLUID FLOW (USGPM)	FLUID SIDE EWT (°F)	LWT (°F)	PRESSURE DROP (ft.H2O)	LENGTH (INCH)	WIDTH (INCH)						HEIGHT (INCH)																			
FCU-1	PROJECTION BOOTH 150	MULTI-AQUA	MHQWW-18-H-3	1.5	480	0.25	WATER	20.65	6.1	13.71	4.0	450.0	137.2	80.0	26.7	67.0	19.4	53.6	12.0	53.2	11.8	5.75	0.4	42.0	5.6	52.0	11.1	21.0	62.7	150.0	1,034.2	PSC	0.05	0.037	120/1/60	N	46.0	1,168.4	8.0	203.2	14.0	355.6	45	20	1, 2, 3, 4, 5

NOTES:

- PROVIDE UNIT WITH THREE SPEED, DIRECT DRIVE, TOTALLY ENCLOSED MOTOR
- PROVIDE UNIT WITH INTERNAL DRAIN PAN, WASHABLE FILTERS
- UNIT INCLUDES 3-PRONG CORD WITH 24 Vac TRANSFORMER
- PROVIDE MFG. PROGRAMMABLE THERMOSTAT, MODEL MAI60011, WIRE TO UNIT TERMINAL BLOCK
- PROVIDE MULTI-AQUA CVMINI CONDENSATE PUMP C/W FLOATLESS SENSOR (ON/OFF/ALARM), POWER PUMP SEPARATELY 120V/1 PHASE



1
M1
EXERPTS FROM EXISTING MECHANICAL PLANS
SCALE: 1/8" = 1'-0"

- NOTES**
- CONTRACTOR TO TEST AND CERTIFY EXISTING FIRE DAMPERS, IF THEY DO NOT PASS, ADVISE THE CONSULTANT AND CLIENT, AND PROVIDE A COST TO REPLACE.
 - TEST AND BALANCE REPORT TO INDICATE THE AIRFLOW AT THE OPENINGS.

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Project Component
Key Plan

Consultants
 Survey: CIVIL
 Architecture: NORR
 Mechanical: NORR
 Electrical: NORR
 Interiors: NORR
 Landscape: NORR

Seal(s)

 Date Signed: July 2, 2024

NORR
 NORR Architects & Engineers Limited
 175 Bloor Street East
 North Tower, 15th Floor
 Toronto, ON, Canada M4W 3R8
 norr.com

Project Manager: Drawn: CPRA
 Project Leader: Checked: BSDD

Client: **WAYNE STATE UNIVERSITY**

Project: **WSU - De Roy Building**

Detroit, Michigan, US
 Drawing Title: **GENERAL INFORMATION AND EXISTING CONDITIONS**

Scale: 1/8" = 1'-0"
 Project No: ED2024-0062
 Drawing No: **M-1**

DATE	ISSUED FOR	REV
2024-06-21	ISSUED FOR 95% CLIENT REVIEW	A
2024-07-03	ISSUED FOR BID AND BUILDING PERMIT	0

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Project Component	
Key Plan	

Consultants	
Survey:	
Civil:	
Architecture:	
Structural:	NORR
Mechanical:	
Electrical:	
Interiors:	
Landscape:	



Date Signed: July 2, 2024

NORR
NORR Architects & Engineers Limited

175 Bloor Street East
North Tower, 15th Floor
Toronto, ON, Canada M4W 3R8
norr.com

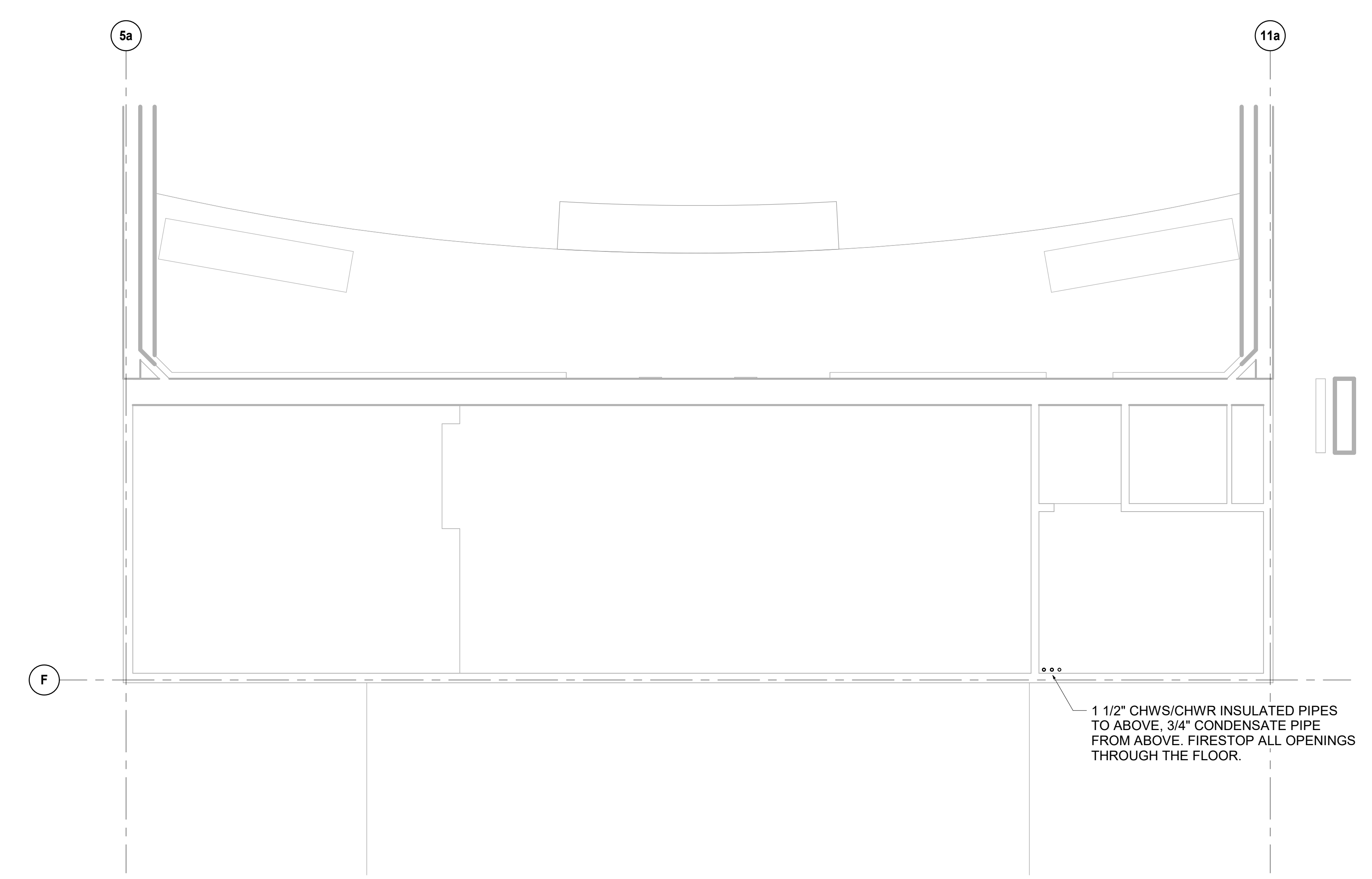
Project Manager	Drawn
CPRA	
Project Leader	Checked
BSDD	

Client: **WAYNE STATE UNIVERSITY**

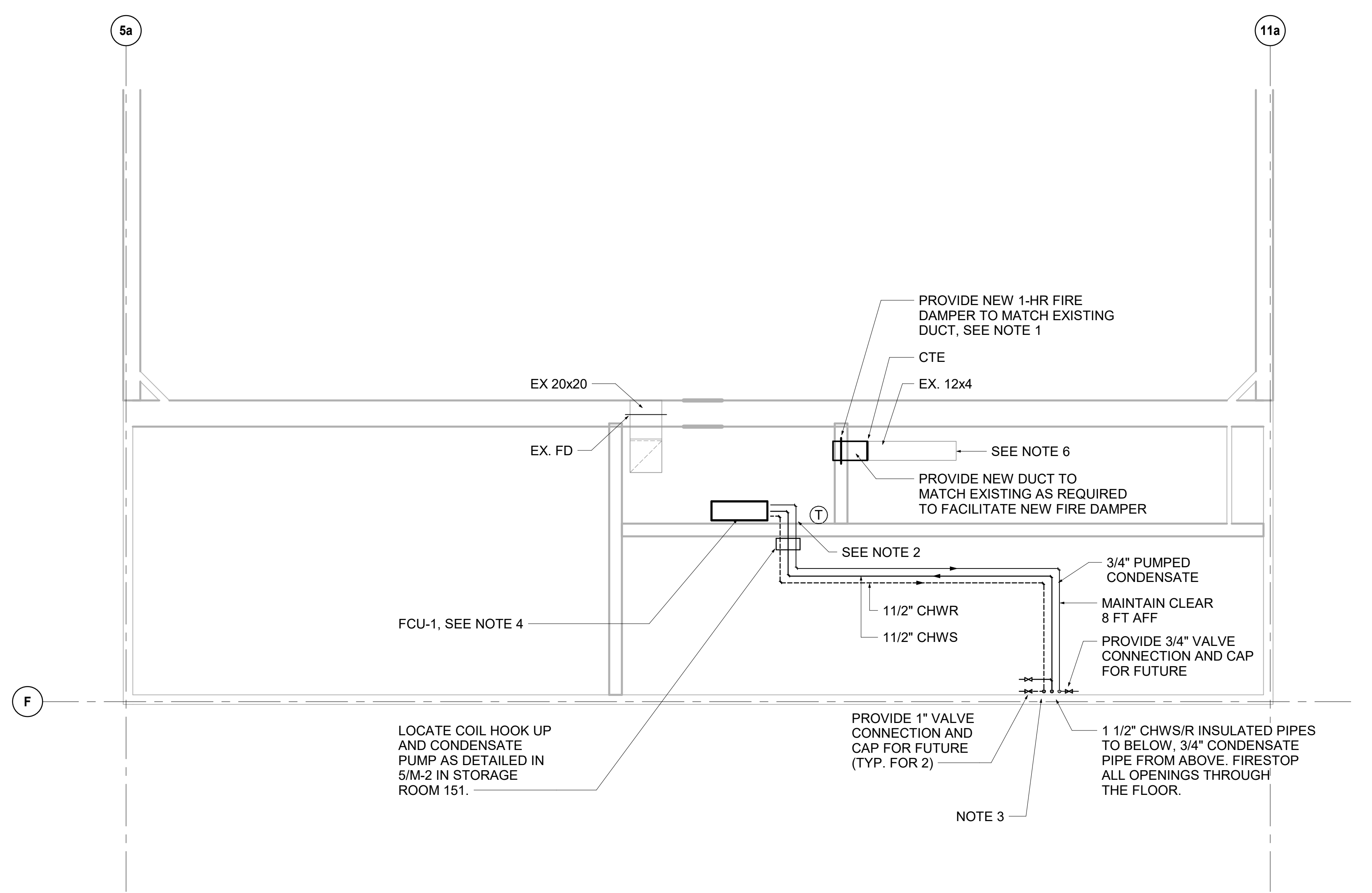
Project: **WSU - De Roy Building**

Detroit, Michigan, US
Drawing Title: **HVAC NEW WORK**

Scale	As indicated
Project No.	ED2024-0062
Drawing No.	M-2



2 FIRST FLOOR HVAC PLAN
SCALE: 1/4" = 1'-0"



3 MEZZANINE BOOTH LEVEL (EAST) PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES - FLOOR PLAN

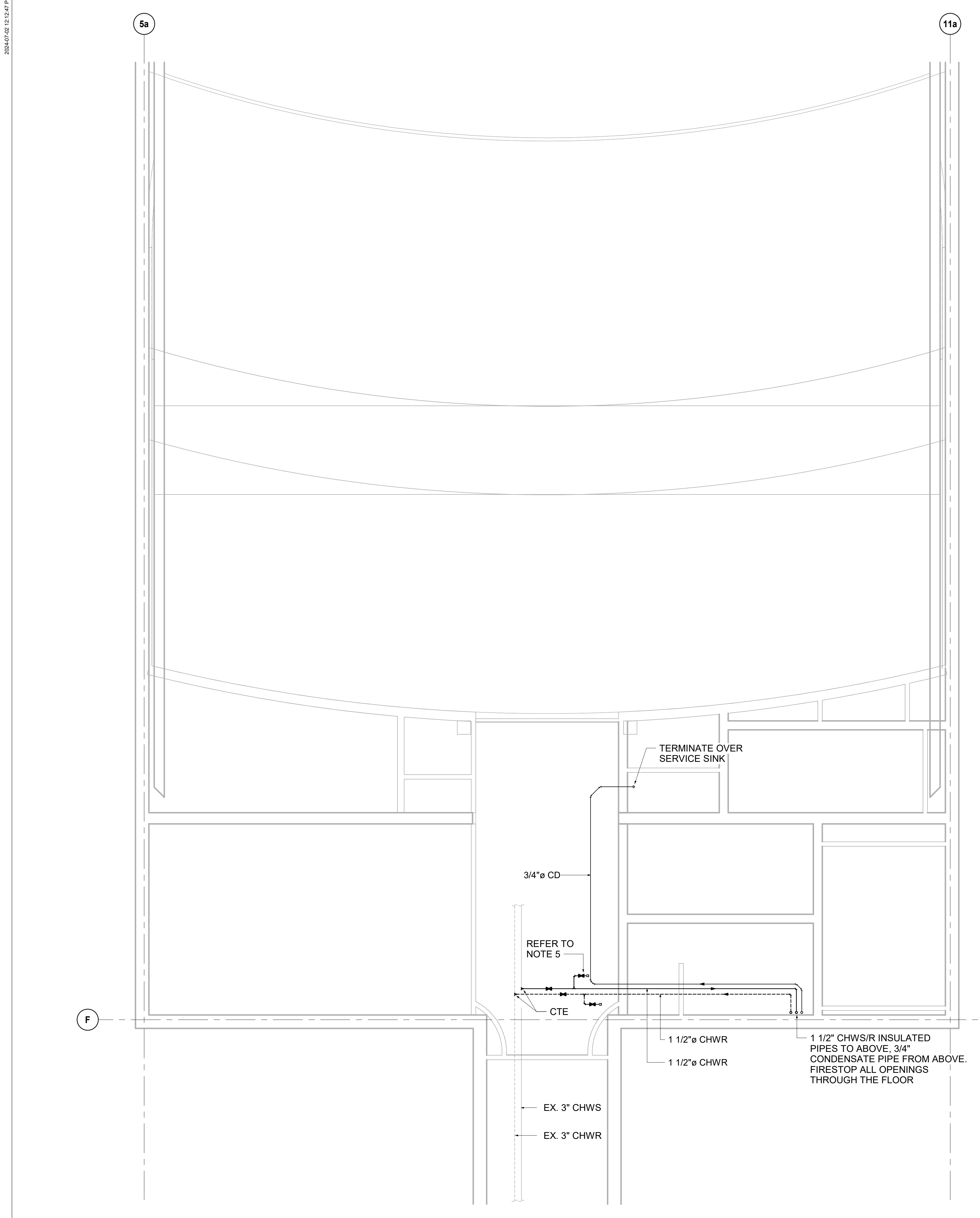
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT CONFLICTS IN WRITING TO THE OWNER / OWNERS REPRESENTATIVE.
- IN THE PRESENCE OF ASBESTOS, ABATEMENT WORK SHALL BE COORDINATED WITH THE OWNER.
- CONTRACTOR TO PROTECT ALL EXISTING ADJACENT CONSTRUCTION TO REMAIN.
- CONTRACTOR TO REPAIR ANY DAMAGED EXISTING CONSTRUCTION TO MATCH EXISTING.

NOTES

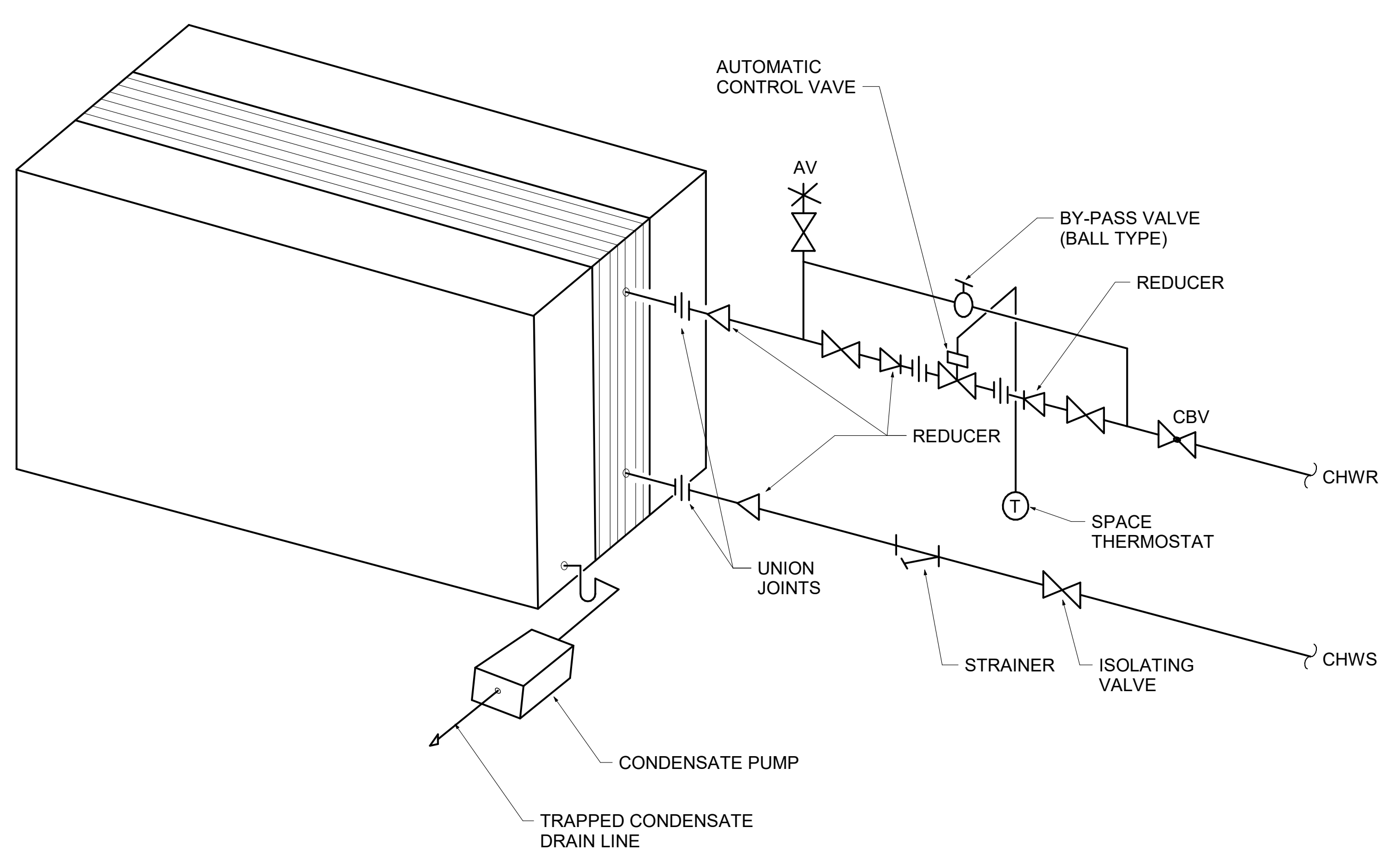
- PROVIDE NEW FIRE DAMPER WITH ACCESS PANEL. REPLACE PORTION OF THE EXISTING DUCT TO ALLOW FOR NEW FIRE DAMPER. RE-USE EXISTING WALL GRILLE.
- REMOVE SEGMENT OF HEATING ELEMENTS TO ALLOW FOR INSTALLATION OF NEW CHILLED WATER AND CONDENSATE PIPES. MAKE GOOD HEATING CIRCUIT.
- CONTRACTOR TO FIELD VERIFY THE FINAL LOCATION OF FAN COIL UNIT. COORDINATE WITH EXISTING CONDITIONS.
- PROVIDE 1/2" DRAIN VALVE WITH P/T PORTS FOR TESTING AND BALANCING.
- EXISTING RETURN DUCT CONTINUES TO EXISTING DUCTWORK, REFER TO THE EXISTING PLANS FOR CONTINUATION ON M-1.

CONTROLS

THE FAN COIL IS A STAND-ALONE UNIT WITH A 7-DAY PROGRAMMABLE THERMOSTAT. SET THE UNIT TO HIGH FAN SPEED. FAN TO RUN CONTINUOUSLY AT ALL TIMES. SPACE TEMPERATURE SET POINT 75F. THERMOSTAT TO MODULATE THE CONTROL VALVE. PROVIDE 1/2" MODULATING CONTROL VALVE, CV-1.6



1 BASEMENT LEVEL HVAC PLAN
SCALE: 1/4" = 1'-0"



5 FAN COIL CHILLED WATER PIPING CONNECTIONS
SCALE: N. T. S.

2024-07-03 10:12:17 AM

THIS DRAWING SET MUST COMPLY WITH WSU'S STANDARDS FOR TELECOMMUNICATIONS INFRASTRUCTURE: (HTTPS://TECH.WAYNE.EDU/DOCS/WSU-COMMUNICATIONS-STANDARDS.PDF)

TECHNOLOGY SCOPE MATRIX

Table with columns: System, Furnished (Owner, Contractor), Installed (Owner, Contractor), Programming (Owner, Contractor), Notes. Rows include Data/Voice System, Wireless Network, A/V System, and Video Surveillance.

TECHNOLOGY SYMBOLS

Table of technology symbols including AP (Ceiling Mounted Wireless Access Point), H-AP (Wall Mounted Wireless Access Point), and WIREMOLD RACEWAY.

TECHNOLOGY SYMBOLS WITH ELEC. REQUIREMENTS

Table of technology symbols with electrical requirements, including CONDUIT SLEEVE, WALL MOUNTED DATA OUTLET, WALL MOUNTED PHONE OUTLET, and WALL MOUNTED AV OUTLET.

AV SYMBOLS WITH ELECTRICAL REQUIREMENTS

Table of AV symbols with electrical requirements, including SINGLE FACED WALL MOUNTED POE CLOAK, WALL MOUNTED PROJECTOR, CEILING MOUNT ELECTRIC PROJECTION SCREEN, WALL MOUNT ELECTRIC PROJECTION SCREEN, WALL MOUNTED SOUND SYSTEM SPEAKER, WALL MOUNTED AV SYSTEM CONTROL INTERFACE, and TABLE TOP MOUNTED AV SYSTEM CAMERA.

AV SYMBOLS

Table of AV symbols including CEILING MOUNTED PTZ CONFERENCEING CAMERA, PROJECTOR, CEILING MOUNTED MANUAL PROJECTION SCREEN, and WALL MOUNTED MANUAL PROJECTION SCREEN.

SECURITY SYMBOLS WITH ELECTRICAL REQUIREMENTS

Table of security symbols with electrical requirements, including CCTV SYSTEM WALL MOUNTED CAMERA, WALL PEDESTAL MOUNT HANDICAP DOOR ACTUATOR BUTTON, and WALL MOUNTED AV SYSTEM CAMERA.

SECURITY SYMBOLS

Table of security symbols including CCTV SYSTEM CEILING MOUNTED CAMERA.

GENERAL FLOOR PLAN NOTES

Table of general floor plan notes including symbols for DETAIL DESIGNATION, SECTION, ELEVATION, PLAN NOTE, DETAIL NOTE, LADDER TRAY, CABLE TRAY, CONDUIT RUN, and CABLE MANAGEMENT SYSTEM PATHWAY.

NOTE: ALL SYMBOLS AND ABBREVIATIONS ARE SUBJECT TO MODIFICATIONS ON OTHER DRAWINGS. ALL SYMBOLS OR ABBREVIATIONS MIGHT NOT NECESSARILY BE USED ON THIS PROJECT.

TECHNOLOGY SHEET LIST

Table listing technology sheets: SHEET NUMBER, SHEET NAME, and Total Count: 8.

ABBREVIATIONS

Comprehensive list of abbreviations including AWP, ACC, ADJ, AF, AF-CI, AFF, AFG, ALT, AP, APPROX, ARCH, ASSY, ATS, BLDG, BOE, BOT, BTWN, CFCI, CKT, CLG, CMU, CONN, CONTR, CORR, CTR, D, DET, DIA, DIM, DIV, DN, DWG, EA, EC, EJ, ELEC, ELEV, EM, EQ, EQS, EQUIP, ERCS, ETR, EX, EXP, EXT, FCE, FF, FLR, FSC, FT, FTG, GC, GF, GFCI, GFFT, HC, HF, HVAC, ID, IN, KEK, L, LBS, MAP, MAX, MEZZ, MFR, MH, MN, MSC, MTD, MTG, NIC, NOM, NTS, OD, OFCI, OFCI, PC, PLBG, RAD, REC, REQD, RI, S, SC, SCH, SHT, SMS, SPEC, SQ, SS, STD, STRUC, SUC, TC, TEMP, TOE, TYP, UNO, VFD, VOL, WI, W/O, WP, ZVC.

Table with columns: DATE, ISSUED FOR, REV. Rows show dates from 2024 04 26 to 2024 06 28.

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Project Component

Key Plan

Table of Consultants: Survey, Civil, Architecture, Structural, Mechanical, Electrical, Interiors, Landscape.

Seal(s)



NORR logo and contact information: NORR OFFICE ADDRESS, norr.com

Table with Project Manager (Valentino Mancini) and Drawn (PJB / ALG), Project Leader (Valentino Mancini) and Checked (JDK).

Client: WAYNE STATE UNIVERSITY

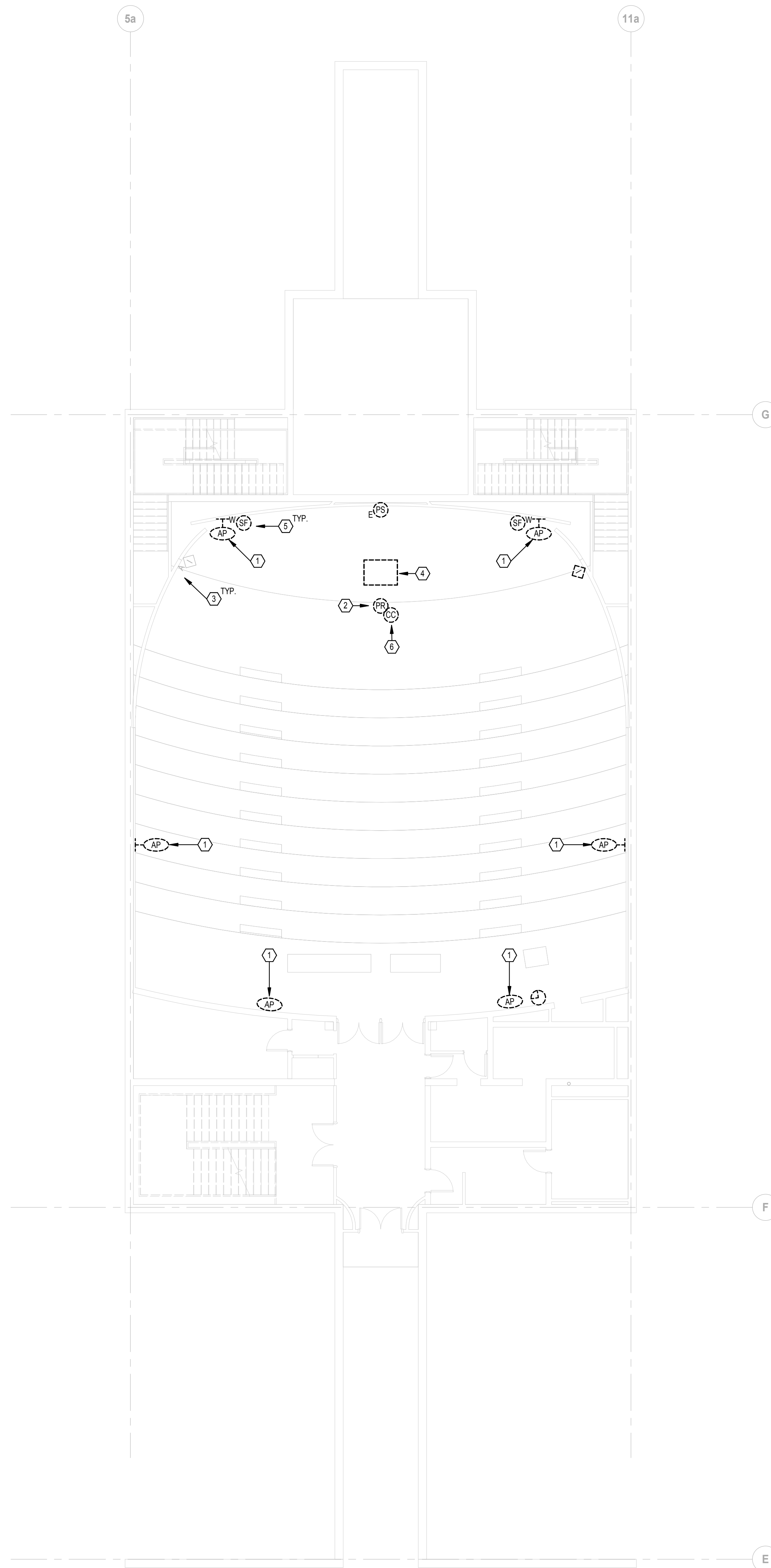
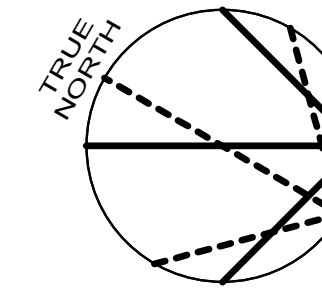
Project: WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US Drawing Title: LEGEND AND ABBREVIATIONS

Scale: 12" = 1'-0"

Project No.: ED2024-0062

Drawing No.: T00-01



GENERAL DEMOLITION NOTES

- A. RE-SUPPORT ANY EXISTING WIRING OR CONDUITS TO REMAIN.
- B. REMOVAL PLANS MAY NOT NECESSARILY SHOW ALL ITEMS REQUIRED TO BE REMOVED. EACH BIDDER SHALL VISIT THE SITE PRIOR TO BID TO DETERMINE THE FULL EXTENT OF REMOVALS REQUIRED. MAINTAIN FUNCTIONALITY OF EXISTING TELECOMMUNICATIONS SYSTEMS CUT OFF BY REMOVALS.
- C. THE EXISTING CEILING SPACES MAY CONTAIN NUMEROUS EXISTING OPEN-WIRED CABLES SERVING TELEPHONE, CCTV, INTERCOM, DATA PAGING, ETC. CABLES THAT ARE TO REMAIN SHALL BE TEMPORARILY SUPPORTED FROM THE STRUCTURE TO ALLOW FOR THE REMOVAL AND/OR REPLACEMENT OF THE EXISTING CEILINGS.
- D. COORDINATE WITH THE OWNER IN REGARD TO REMOVALS. SALVAGE EQUIPMENT AS DIRECTED BY THE OWNER AND STORE IN A LOCATION DESIGNATED BY OWNER. ALL OTHER EQUIPMENT AND MATERIALS NOT SALVAGED SHALL BE REMOVED FROM THE PREMISE.
- E. ALL CONDUITS AND TELECOMMUNICATIONS CABLING LOCATED INSIDE DEMO WALLS SERVING ITEMS OUTSIDE OF THE PROJECT SCOPE SHALL BE REROUTED TO INSURE A COMPLETE AND FUNCTIONAL SYSTEM WHILE ACCOMMODATING THE WALL REMOVAL.
- F. REFER TO THE ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.
- G. ALL ABANDONED EXTRANEEOUS CONDUITS AND SUPPORTS SHALL BE REMOVED.
- H. REMOVALS OF TELEPHONE / DATA OUTLETS INCLUDE REMOVAL OF THE DEVICE, BACKBOX, CONDUIT AND CABLING BACK TO THE POINT OF ORIGINATION.
- I. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE VERIFIED PRIOR TO BID.
- J. ALL EXISTING CONDUIT, EQUIPMENT, AND DEVICES SHOWN DASHED SHALL BE REMOVED. REMOVE ALL INCIDENTAL ITEMS ASSOCIATED WITH THE DEMOLITION WORK.
- K. CONTRACTOR SHALL PROVIDE AUDIT OF THE DEMOLISHED / EXISTING DATA. AUDIT SHALL TAKE PLACE PRIOR TO DEMOLITION ACTIVITIES. CAIT MUST APPROVE BEFORE COMMENCEMENT OF ANY WORK. AN EXAMPLE TEMPLATE CAN BE PROVIDED UPON REQUEST. AUDIT SHALL INCLUDE THE FOLLOWING:
 - a. CABLE MANUFACTURER / CATEGORY
 - b. MDF / IDF NUMBER WHERE CABLE IS TERMINATED
 - c. JACK NUMBER
 - d. CABLE PURPOSE (DATA OR VOICE)

PLAN NOTES

- 1. REMOVE EXISTING WIRELESS ACCESS POINT AND TURN OVER TO OWNER FOR REUSE. MAINTAIN EXISTING CABLING FOR REUSE DURING NEW CONSTRUCTION.
- 2. REMOVE CEILING MOUNTED PROJECTOR
- 3. REMOVE INPUTS LOCATED ON WALL. BOX SHALL REMAIN FOR REUSE FOR NEW AV CONNECTIONS.
- 4. REMOVE LECTERN AND ASSOCIATED AV EQUIPMENT.
- 5. REMOVE WALL MOUNTED SPEAKERS.
- 6. REMOVE CEILING MOUNTED PTZ CAMERA.

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

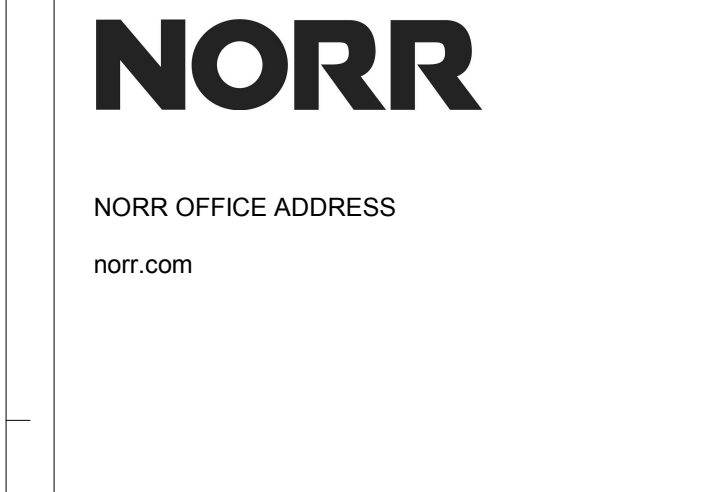
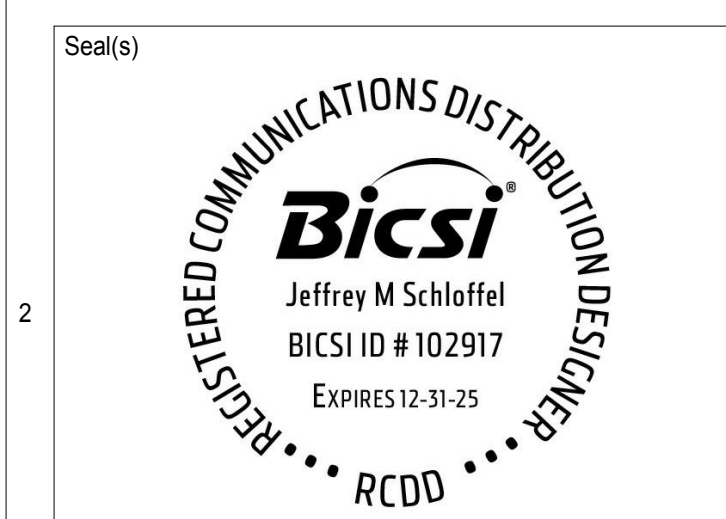
DATE	ISSUED FOR	REV
2024 04 26	50% Construction Design Set	
2024 05 10	Progress Set	
2024 06 13	100% Owner Review	
2024 06 28	100% Bid and Building Permit	

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Project Component
Key Plan

Consultants
Survey:
Civil:
Architecture: NORR
Structural: NORR
Mechanical: NORR
Electrical: NORR
Interiors: NORR
Landscape:



Project Manager Valentino Mancini	Drawn PJB / ALG
Project Leader Valentino Mancini	Checked JDK

Client
WAYNE STATE UNIVERSITY

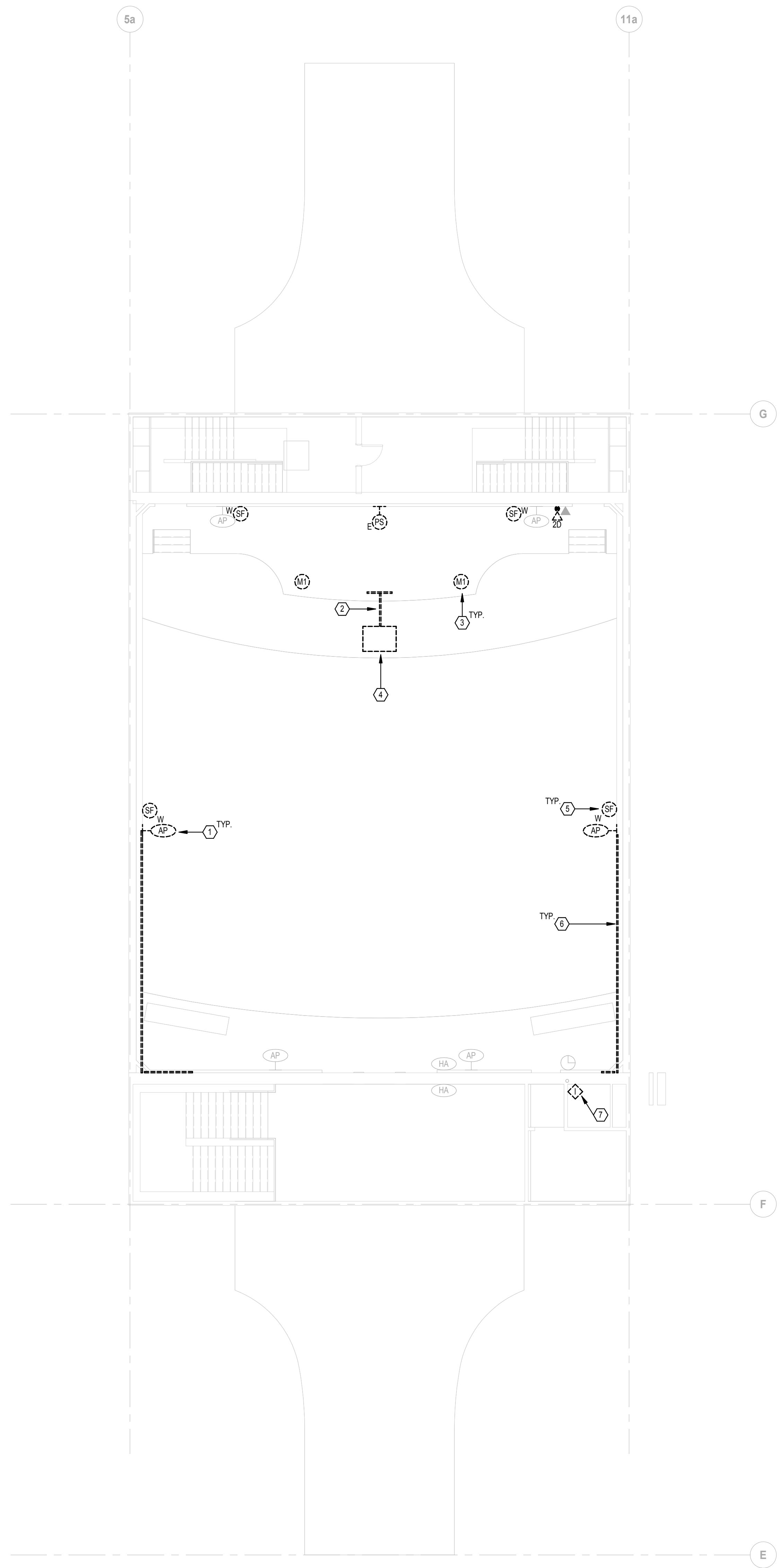
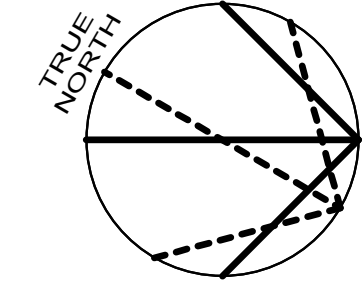
Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
BASEMENT DEMOLITION PLAN

Scale
1/8" = 1'-0"

Project No.
ED2024-0062

Drawing No.
T10-01

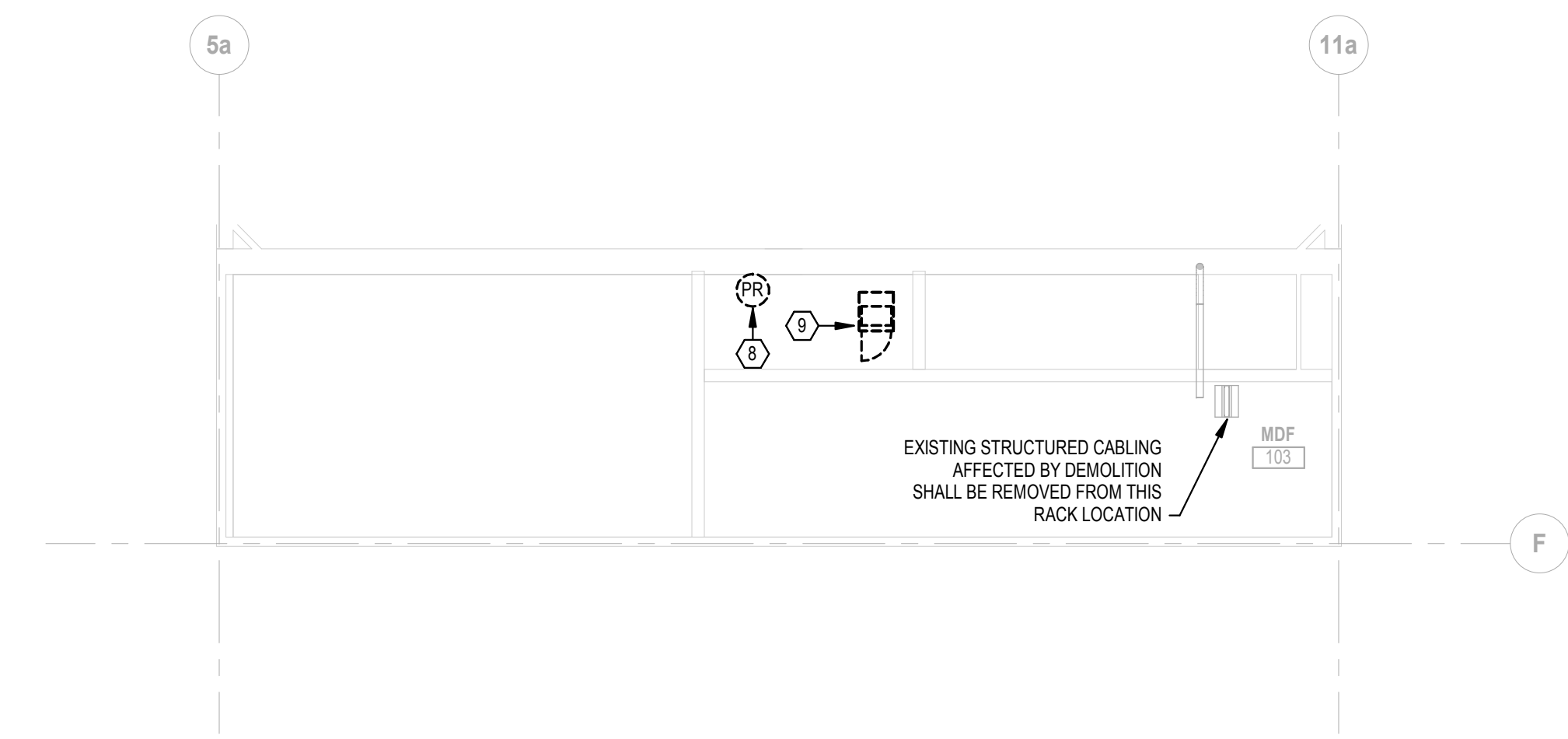


GENERAL DEMOLITION NOTES

- A. RE-SUPPORT ANY EXISTING WIRING OR CONDUITS TO REMAIN.
- B. REMOVAL PLANS MAY NOT NECESSARILY SHOW ALL ITEMS REQUIRED TO BE REMOVED. EACH BIDDER SHALL VISIT THE SITE PRIOR TO BID TO DETERMINE THE FULL EXTENT OF REMOVALS REQUIRED. MAINTAIN FUNCTIONALITY OF EXISTING TELECOMMUNICATIONS SYSTEMS CUT OFF BY REMOVALS.
- C. THE EXISTING CEILING SPACES MAY CONTAIN NUMEROUS EXISTING OPEN-WIRED CABLES SERVING TELEPHONE, CCTV, INTERCOM, DATA PAGING, ETC. CABLES THAT ARE TO REMAIN SHALL BE TEMPORARILY SUPPORTED FROM THE STRUCTURE TO ALLOW FOR THE REMOVAL AND/OR REPLACEMENT OF THE EXISTING CEILINGS.
- D. COORDINATE WITH THE OWNER IN REGARD TO REMOVALS. SALVAGE EQUIPMENT AS DIRECTED BY THE OWNER AND STORE IN A LOCATION DESIGNATED BY OWNER. ALL OTHER EQUIPMENT AND MATERIALS NOT SALVAGED SHALL BE REMOVED FROM THE PREMISE.
- E. ALL CONDUITS AND TELECOMMUNICATIONS CABLING LOCATED INSIDE DEMO WALLS SERVING ITEMS OUTSIDE OF THE PROJECT SCOPE SHALL BE REROUTED TO INSURE A COMPLETE AND FUNCTIONAL SYSTEM WHILE ACCOMMODATING THE WALL REMOVAL.
- F. REFER TO THE ARCHITECTURAL DOCUMENTS FOR CONSTRUCTION PHASING SEQUENCE.
- G. ALL ABANDONED EXTRANEEOUS CONDUITS AND SUPPORTS SHALL BE REMOVED.
- H. REMOVALS OF TELEPHONE / DATA OUTLETS INCLUDE REMOVAL OF THE DEVICE, BACKBOX, CONDUIT AND CABLING BACK TO THE POINT OF ORIGIN.
- I. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE VERIFIED PRIOR TO BID.
- J. ALL EXISTING CONDUIT, EQUIPMENT, AND DEVICES SHOWN DASHED SHALL BE REMOVED. REMOVE ALL INCIDENTAL ITEMS ASSOCIATED WITH THE DEMOLITION WORK.
- K. CONTRACTOR SHALL PROVIDE AUDIT OF THE DEMOLISHED / EXISTING DATA. AUDIT SHALL TAKE PLACE PRIOR TO DEMOLITION ACTIVITIES. CAT MUST APPROVE BEFORE COMMENCEMENT OF ANY WORK. AN EXAMPLE TEMPLATE CAN BE PROVIDED UPON REQUEST. AUDIT SHALL INCLUDE THE FOLLOWING:
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 - c. JACK NUMBER
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PLAN NOTES

- 1. REMOVE EXISTING WIRELESS ACCESS POINT AND TURN OVER TO OWNER FOR REUSE.
- 2. REMOVE IN-CARPET RACEWAY AND RACEWAY ON STAGE. REMOVE ANY ASSOCIATED CABLING IN ITS ENTIRETY.
- 3. REMOVE MICROPHONE INPUTS LOCATED IN STAGE FLOOR.
- 4. REMOVE LECTERN AND ASSOCIATED AV EQUIPMENT.
- 5. REMOVE WALL MOUNTED SPEAKERS AND ASSOCIATED RACEWAY.
- 6. REMOVE HORIZONTAL RACEWAY SERVING WALL MOUNTED WIRELESS ACCESS POINTS AND SPEAKERS. REMOVE ANY ASSOCIATED CABLING IN ITS ENTIRETY.
- 7. REMOVE EXISTING INPUT PANEL AND DEMOLISH ANY CABLING BACK TO ITS SOURCE OF ORIGIN.
- 8. REMOVE LARGE FORMAT PROJECTOR.
- 9. REMOVE AV EQUIPMENT CABINET AND ANY ASSOCIATED WIRING.



2 MEZZANINE EAST DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

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

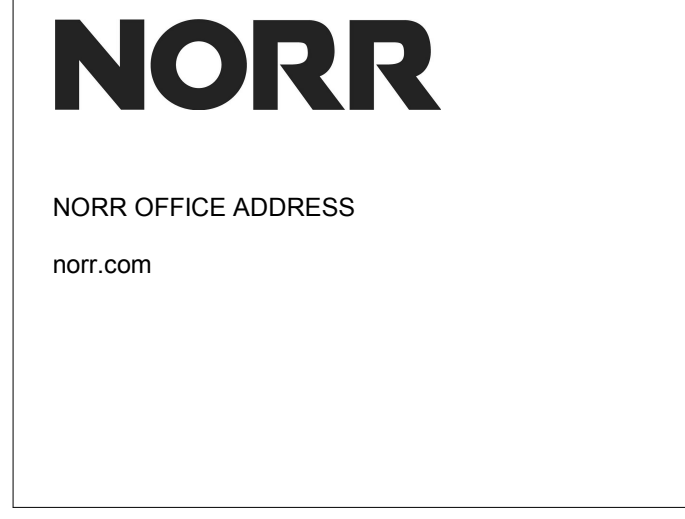
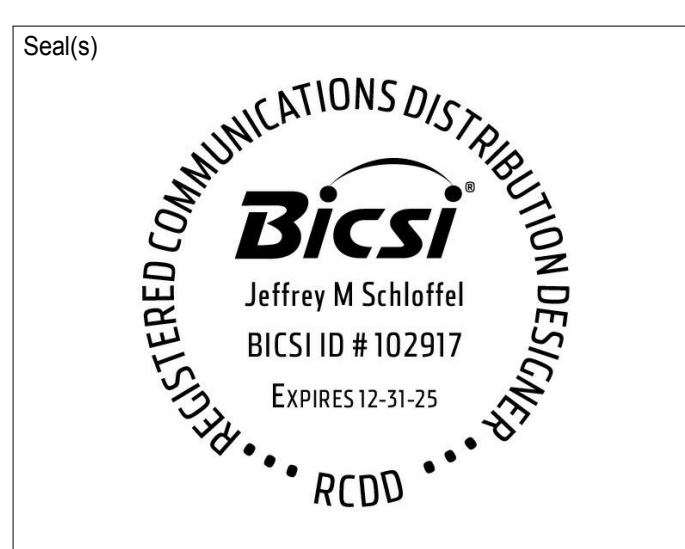
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Project Manager Valentino Mancini	Drawn PJB / ALG
Project Leader Valentino Mancini	Checked JDK

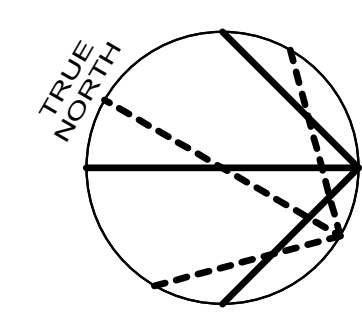
Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
FIRST FLOOR DEMOLITION PLAN

Scale
1/8" = 1'-0"

Project No.
ED2024-0062
Drawing No.
T10-02



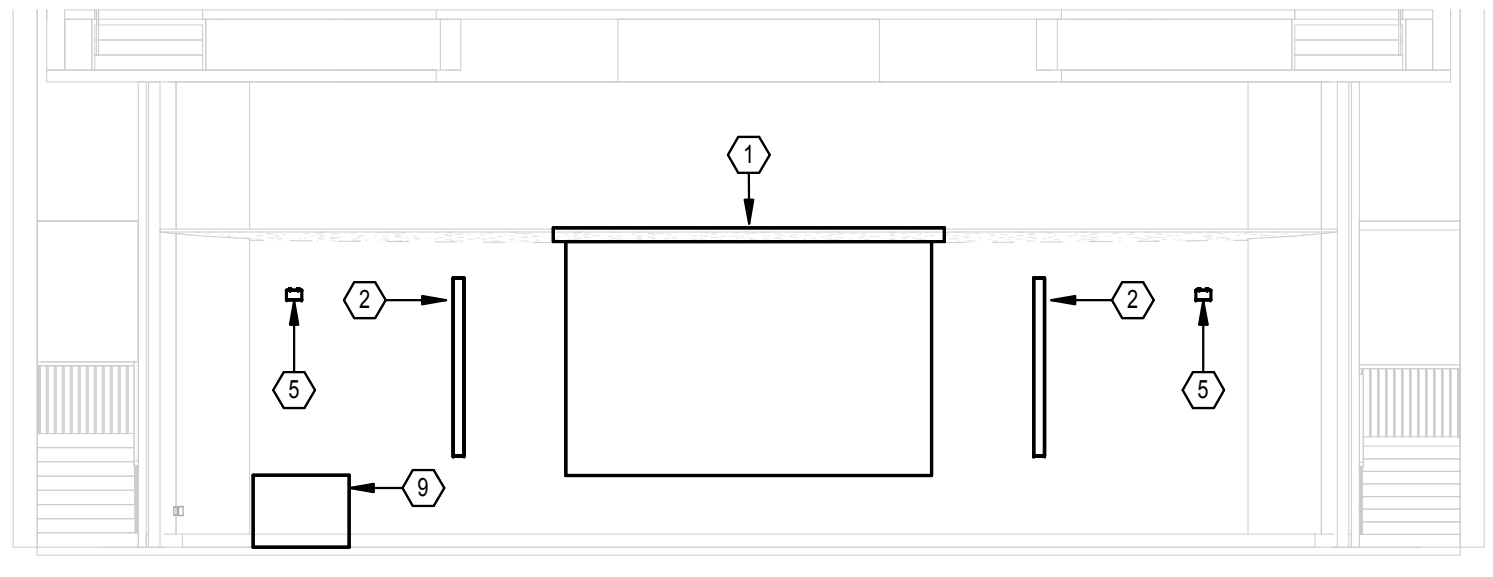
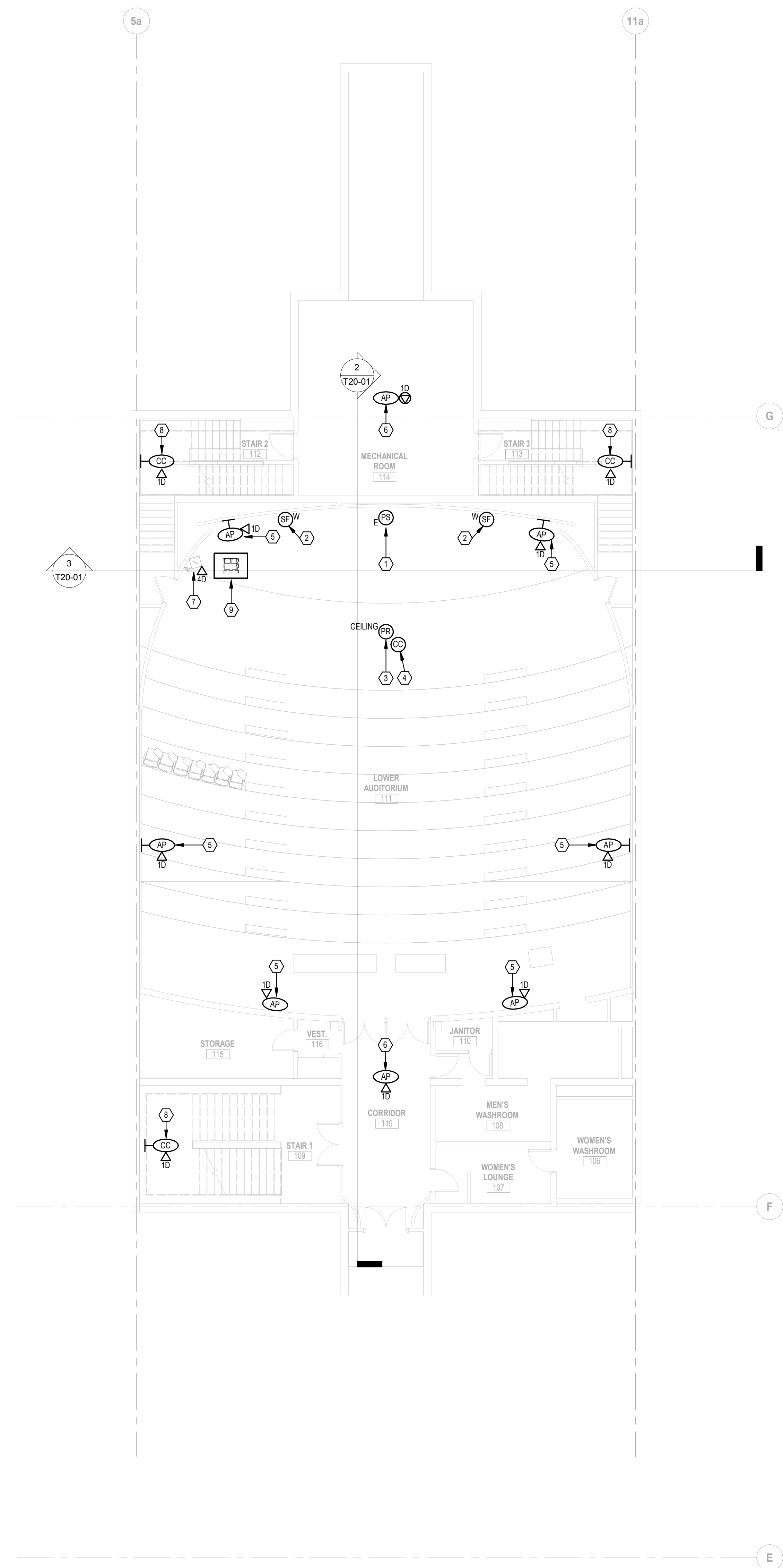
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GENERAL NOTES

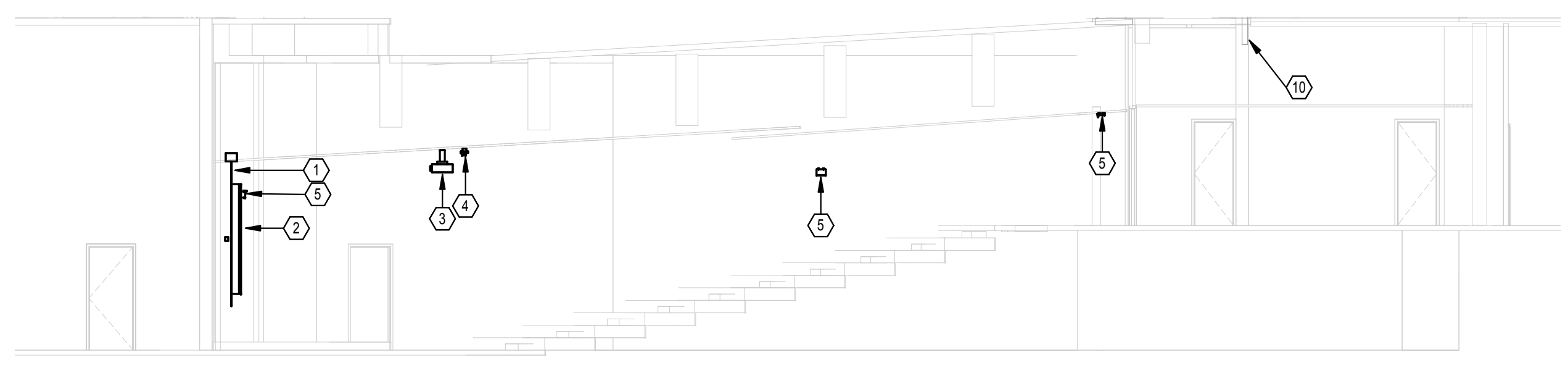
- A. CONDUITS SHALL BE SIZED FOR 1" MINIMUM.
- B. EACH BIDDER DURING THE BID PERIOD SHALL WALK THE SITE TO REVIEW THE EXISTING SITE CONDITIONS. ALTERNATIVE ROUTES MAY BE UTILIZED, WHICH ARE COORDINATED WITH OWNER AND OTHER TRADES. FINAL ROUTING OF TELECOMMUNICATIONS CABLING SHALL BE APPROVED BY OWNER/ENGINEER.
- C. AV SYSTEMS ARE BEING FURNISHED BY THE OWNER OR THEIR VENDOR. REFER TO RESPONSIBILITY MATRIX.
- D. ALL JUNCTION BOXES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
- E. NEW SYSTEM WIRING FOR STRUCTURED CABLING WILL BE OPEN WIRED. PROVIDE J-HOOKS ON FIVE (5) FOOT CENTERS WHERE PATHWAYS WITH AVAILABLE CAPACITY DO NOT ALREADY EXIST.
- F. FIRESTOP ALL PENETRATIONS THRU WALLS.
- G. VERIFY EXACT LOCATION OF ALL CEILING MOUNTED DEVICES WITH REFLECTED CEILING PLAN AND/OR ARCHITECT PRIOR TO ROUGH-IN. COORDINATE LOCATIONS OF CEILING MOUNTED DEVICES WITH LIGHT FIXTURES, MECHANICAL DUCTS, AND SPRINKLER PIPES AND HEADS BEFORE ROUGH-IN TO PREVENT CONFLICTS.
- H. REMOVE EXISTING CEILING TILES AS REQUIRED FOR INSTALLATION OF NEW TECHNOLOGY ITEMS AND REINSTALL TILES IN A SIMILAR MANNER AS NOW EXISTS.
- I. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF OUTLETS AND DEVICES.
- J. COORDINATE EXACT LOCATION OF ALL SWITCHES, RECEPTACLES, DATA OUTLETS, VOLUME CONTROLLERS, AV SYSTEM CONTROLLERS, THERMOSTATS, ETC. WITH RESPECTIVE CONTRACTORS PRIOR TO ROUGH-INS. ALL MOUNTING HEIGHTS OF DEVICES WHICH ARE MOUNTED ADJACENT TO EACH OTHER SHALL BE AT THE SAME DISTANCE MEASURED ABOVE THE FINISHED FLOOR.
- K. STAGGER RECEPTACLES AND OTHER RECESSED OUTLETS WHEN LOCATED ON OPPOSITE SIDES OF PARTITION / WALL TO ELIMINATE SOUND TRANSMISSION FROM ONE SPACE TO THE OTHER.
- L. WHERE DEVICES ARE MOUNTED IN AREAS WHERE THERE ARE EXPOSED CEILINGS, COORDINATE THE EXACT MOUNTING / LOCATION WITH THE STRUCTURAL SUPPORT MEMBERS AND WORK OF OTHER TRADES. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO ACHIEVE MOUNTING HEIGHTS AND LOCATIONS AS INDICATED ON THE PLANS.
- M. EXPOSED CONDUITS IN THE FINISHED AREAS OF THE BUILDING SHALL BE AVOIDED WHEN POSSIBLE. ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING SHALL BE PRIME AND FINISH PAINTED.
- N. ALL EMPTY CONDUITS SHALL BE INSTALLED WITH PULL STRING.
- O. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE VERIFIED PRIOR TO BID.
- P. ALL CONDUIT SLEEVES AND PATHWAYS SHOWN ON BID DOCUMENTS SHALL BE PROVIDED. ALL CONDUIT SLEEVES THRU WALLS AND FLOORS, NOT SPECIFICALLY SHOWN ON DRAWINGS BUT REQUIRED FOR COMPLIANT INSTALLATION OF CABLING SHALL BE PROVIDED AS PART OF THE SCOPE OF WORK.
- Q. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE INSTALLATION OF CABLING.
- R. A 3.5" DEEP MASONRY BOX SHALL BE USED IN CMU WALLS.
- S. ALL CONDUITS SHALL HAVE NYLON BUSHINGS INSTALLED.
- T. PULL BOXES SHALL NOT BE USED TO CHANGE DIRECTION AND SHALL BE INSTALLED IN LINE WITH CONDUIT.
- U. EXISTING DEVICES SHALL BE REMOVED AND REINSTALLED AS NEEDED TO ACCOMMODATE PAINTING ACTIVITIES.
- V. ELECTRICAL CONTRACTOR SHALL INSTALL 4" SQ. SHEET STEEL WALL BOXES. MINIMUM 1" TRADE SIZE CONDUIT (OR AS INDICATED ON DRAWINGS) STUBBED 12" ABOVE CEILING WITH 6" RADIUS (OR AS REQUIRED BY ANSITIA-569 C), WITH A 90-DEGREE BEND AT TOP IN THE DIRECTION TOWARDS ROUTE DESTINATION, AND PLASTIC BUSHING FOR RECESSED LOCATIONS.
- W. ELECTRICAL CONTRACTOR SHALL INSTALL 4" SQ. CAST BOXES. MINIMUM 1" TRADE SIZE CONDUIT (OR AS INDICATED ON DRAWINGS) STUBBED UP TO 10" AFF. (OR AS INDICATED ON DRAWINGS), WITH 6" RADIUS (OR AS REQUIRED BY ANSITIA-569 C) FOR SURFACE MOUNTED LOCATIONS.
- X. JACK SYMBOLS ADJACENT TO DISPLAY DEVICES, WIRELESS ACCESS POINTS, & VIDEO SURVEILLANCE CAMERA DEVICES ARE SHOWN FOR ADDITIONAL CLARITY ON NETWORK CONNECTIVITY AND DO NOT NECESSARILY INDICATE ADDITIONAL CABLING. REFER TO OUTLET DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

- 1. NEW 16:10 CEILING MOUNTED ELECTRIC PROJECTION SCREEN.
- 2. NEW WALL MOUNTED SPEAKER.
- 3. NEW CEILING MOUNTED PROJECTOR.
- 4. NEW CEILING MOUNTED PTZ CAMERA.
- 5. OFCI WIRELESS ACCESS POINT. RECONNECT TO EXISTING CABLING MADE AVAILABLE BY DEMOLITION.
- 6. OFCI WIRELESS ACCESS POINT. PROVIDE NEW ROUGH-IN AND CABLING.
- 7. REUSE EXISTING FSR OUTLET LOCATION FOR NEW CONNECTIONS.
- 8. PROVIDE VIDEO SURVEILLANCE CAMERA. **AXIS MODELS TO BE COORDINATED WITH WSU.** WSU SHALL PROVIDE LICENSING AS REQUIRED TO SUPPORT THE NEW CAMERAS. COORDINATE WITH WSU PRIOR TO INSTALLATION OF CAMERAS. PROVIDE TWO (2) DARK PURPLE OR VIOLET PATCH CORDS PER INDOOR CAMERA OUTLET INSTALLED. ANY CAMERA OR DEVICE MUST HAVE ALL REQUIRED ASSOCIATED COMPONENTS INSTALLED. THIS CONTRACTOR MUST PURCHASE THE CAMERAS, THEN PROVIDE ALL CAMERA MAC ADDRESSES AND LOCATIONS ON A CAT-PROVIDED SPREADSHEET TEMPLATE TO THE CAMERA TEAM. THE SECURITY VENDOR WILL PROGRAM AND APPLY THE LATEST FIRMWARE UPDATE AVAILABLE FROM THE CAMERA MANUFACTURER. BEFORE A REQUEST FOR IP ADDRESS CAN BE GIVEN OUT, THE INSTALLING VENDOR MUST SUBMIT A SPREADSHEET WITH THE FOLLOWING: CAMERA NAME, LOCATION, JACK/PANEL ID, IP/MDF CONNECTED IN MAKE, MODEL, AND SERIAL NUMBER/MAC ADDRESS.
- 9. NEW AV EQUIPMENT SHALL BE RACKED IN THE PODIUM AT THIS LOCATION.
- 10. UTILIZE EXISTING CONDUIT PATHWAY FROM MEZZANINE TO LOWER LEVEL FOR NEW STRUCTURED CABLING.



3 BASEMENT FOCAL WALL SECTION
SCALE: 1/8" = 1'-0"



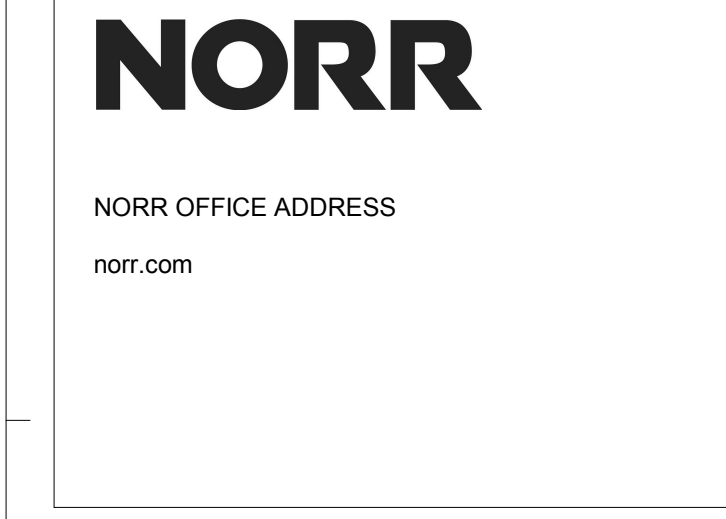
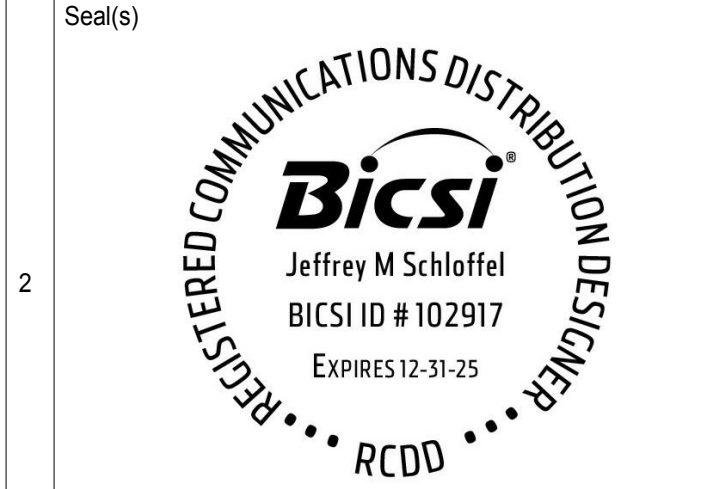
2 BASEMENT AUDITORIUM SECTION
SCALE: 1/8" = 1'-0"

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

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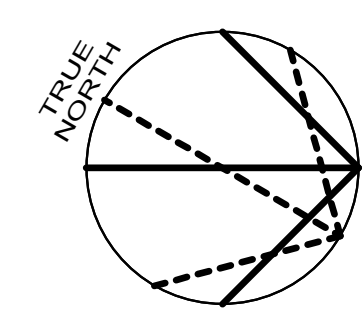
Project Component	
Key Plan	
Consultants	
Survey:	
Civil:	
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Landscape:	



Project Manager	Drawn
Valentino Mancini	PUB / ALG
Project Leader	Checked
Valentino Mancini	JDK
Client	
WAYNE STATE UNIVERSITY	

Project
WSU - DeRoy Building Renovations
DETROIT, MICHIGAN, US
Drawing Title
BASEMENT FLOOR PLAN

Scale	1/8" = 1'-0"
Project No.	ED2024-0062
Drawing No.	T20-01



DATE	ISSUED FOR	REV
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- C. AV SYSTEMS ARE BEING FURNISHED BY THE OWNER OR THEIR VENDOR. REFER TO RESPONSIBILITY MATRIX.
- D. ALL JUNCTION BOXES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
- E. NEW SYSTEM WIRING FOR STRUCTURED CABLING WILL BE OPEN WIRED. PROVIDE J-HOOKS ON FIVE (5) FOOT CENTERS WHERE PATHWAYS WITH AVAILABLE CAPACITY DO NOT ALREADY EXIST.
- F. FIRESTOP ALL PENETRATIONS THRU WALLS.
- G. VERIFY EXACT LOCATION OF ALL CEILING MOUNTED DEVICES WITH REFLECTED CEILING PLAN AND/OR ARCHITECT PRIOR TO ROUGH-IN. COORDINATE LOCATIONS OF CEILING MOUNTED DEVICES WITH LIGHT FIXTURES, MECHANICAL DUCTS, AND SPRINKLER PIPES AND HEADS BEFORE ROUGH-IN TO PREVENT CONFLICTS.
- H. REMOVE EXISTING CEILING TILES AS REQUIRED FOR INSTALLATION OF NEW TECHNOLOGY ITEMS AND REINSTALL TILES IN A SIMILAR MANNER AS NOW EXISTS.
- I. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF OUTLETS AND DEVICES.
- J. COORDINATE EXACT LOCATION OF ALL SWITCHES, RECEPTACLES, DATA OUTLETS, VOLUME CONTROLLERS, AV SYSTEM CONTROLLERS, THERMOSTATS, ETC. WITH RESPECTIVE CONTRACTORS PRIOR TO ROUGH-INS. ALL MOUNTING HEIGHTS OF DEVICES WHICH ARE MOUNTED ADJACENT TO EACH OTHER SHALL BE AT THE SAME DISTANCE MEASURED ABOVE THE FINISHED FLOOR.
- K. STAGGER RECEPTACLES AND OTHER RECESSED OUTLETS WHEN LOCATED ON OPPOSITE SIDES OF PARTITION / WALL TO ELIMINATE SOUND TRANSMISSION FROM ONE SPACE TO THE OTHER.
- L. WHERE DEVICES ARE MOUNTED IN AREAS WHERE THERE ARE EXPOSED CEILINGS, COORDINATE THE EXACT MOUNTING / LOCATION WITH THE STRUCTURAL SUPPORT MEMBERS AND WORK OF OTHER TRADES. PROVIDE ALL NECESSARY LABOR AND MATERIALS TO ACHIEVE MOUNTING HEIGHTS AND LOCATIONS AS INDICATED ON THE PLANS.
- M. EXPOSED CONDUITS IN THE FINISHED AREAS OF THE BUILDING SHALL BE AVOIDED WHEN POSSIBLE. ANY EXPOSED CONDUITS WITHIN THE FINISHED PORTIONS OF THE BUILDING SHALL BE PRIME AND FINISH PAINTED.
- N. ALL EMPTY CONDUITS SHALL BE INSTALLED WITH PULL STRING.
- O. EXISTING CONDITIONS SHOWN ON THIS DRAWING ARE TAKEN FROM ORIGINAL DRAWINGS AND FIELD INVESTIGATION. ALL EXISTING CONDITIONS SHALL BE VERIFIED PRIOR TO BID.
- P. ALL CONDUIT SLEEVES AND PATHWAYS SHOWN ON BID DOCUMENTS SHALL BE PROVIDED ALL CONDUIT SLEEVES THRU WALLS AND FLOORS, NOT SPECIFICALLY SHOWN ON DRAWINGS BUT REQUIRED FOR COMPLIANT INSTALLATION OF CABLING SHALL BE PROVIDED AS PART OF THE SCOPE OF WORK.
- Q. COMPLETELY AND THOROUGHLY COORDINATE ALL PATHWAYS BEING PROVIDED. ANY PATHWAYS THAT ARE PROVIDED THAT CAUSE CABLING INSTALLATION TO BE NON-COMPLIANT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE INSTALLATION OF CABLING.
- R. A 3.5" DEEP MASONRY BOX SHALL BE USED IN CMU WALLS.
- S. ALL CONDUITS SHALL HAVE NYLON BUSHINGS INSTALLED.
- T. PULL BOXES SHALL NOT BE USED TO CHANGE DIRECTION AND SHALL BE INSTALLED IN LINE WITH CONDUIT.
- U. EXISTING DEVICES SHALL BE REMOVED AND REINSTALLED AS NEEDED TO ACCOMMODATE PAINTING ACTIVITIES.
- V. ELECTRICAL CONTRACTOR SHALL INSTALL 4" SQ. SHEET STEEL WALL BOXES: MINIMUM 1" TRADE SIZE CONDUIT (OR AS INDICATED ON DRAWINGS) STUBBED 12" ABOVE CEILING WITH 6" RADIUS (OR AS REQUIRED BY ANSITIA-569 C), WITH A 90-DEGREE BEND AT TOP IN THE DIRECTION TOWARDS ROUTE DESTINATION, AND PLASTIC BUSHING FOR RECESSED LOCATIONS.
- W. ELECTRICAL CONTRACTOR SHALL INSTALL 4" SQ. CAST BOXES: MINIMUM 1" TRADE SIZE CONDUIT (OR AS INDICATED ON DRAWINGS) STUBBED UP TO 10" OFF (OR AS INDICATED ON DRAWINGS), WITH 6" RADIUS (OR AS REQUIRED BY ANSITIA-569 C) FOR SURFACE MOUNTED LOCATIONS.
- X. JACK SYMBOLS ADJACENT TO DISPLAY DEVICES, WIRELESS ACCESS POINTS, & VIDEO SURVEILLANCE CAMERA DEVICES ARE SHOWN FOR ADDITIONAL CLARITY ON NETWORK CONNECTIVITY AND DO NOT NECESSARILY INDICATE ADDITIONAL CABLING. REFER TO OUTLET DETAILS FOR SPECIFIC REQUIREMENTS.

PLAN NOTES

- 1. NEW 16-10 WALL MOUNTED ELECTRIC PROJECTION SCREEN.
- 2. NEW WALL MOUNTED COLUMN ARRAY SPEAKER.
- 3. NEW AV EQUIPMENT SHALL BE RACKED IN THE PODIUM AT THIS LOCATION.
- 4. NEW LARGE FORMAT PROJECTOR.
- 5. NEW TELECONFERENCING CAMERA.
- 6. FLOOR BOX FOR CONNECTION TO PODIUM. PROVIDE LEGRAND BAT PREWIRED EVOLUTION SERIES POSE THRU DEVICE ON EQUAL. PROVIDE 4x1.25" CONDUITS FOR DATA / AV USE ONLY. PROVIDE 24" SLACK FOR ALL CABLING. ALL CONNECTIONS FROM PODIUM SHALL BE TERMINATED WITHIN FLOOR BOX TO ALLOW COMPLETE DISCONNECTION OF PODIUM BY OWNER. CONSULT CAT PLANT MANAGER PRIOR TO INSTALLATION OF FLOOR CORE FOR VERIFICATION OF PATHWAYS.
- 7. OFC WIRELESS ACCESS POINT. PROVIDE NEW ROUGH-IN AND CABLING.
- 8. PROVIDE VIDEO SURVEILLANCE CAMERA. **AXIS MODELS TO BE COORDINATED WITH WSU**. WSU SHALL PROVIDE LICENSING AS REQUIRED TO SUPPORT THE NEW CAMERAS. COORDINATE WITH WSU PRIOR TO INSTALLATION OF CAMERAS. PROVIDE TWO (2) DARK PURPLE OR VIOLET PATCH CORDS PER INDOOR CAMERA OUTLET INSTALLED. ANY CAMERA OR DEVICE MUST HAVE ALL REQUIRED ASSOCIATED COMPONENTS INSTALLED. THIS CONTRACTOR MUST PURCHASE THE CAMERAS, THEN PROVIDE ALL CAMERA MAC ADDRESSES AND LOCATIONS ON A CAT-PROVIDED SPREADSHEET TEMPLATE TO THE CAMERA TEAM. THE SECURITY VENDOR WILL PROGRAM AND APPLY THE LATEST FIRMWARE UPGRADE AVAILABLE FROM THE CAMERA MANUFACTURER. BEFORE A REQUEST FOR IP ADDRESS CAN BE GIVEN OUT, THE INSTALLING VENDOR MUST SUBMIT A SPREADSHEET WITH THE FOLLOWING: CAMERA NAME, LOCATION, JACK/PANEL ID, IP/MDF CONNECTED IN, MAKE, MODEL, AND SERIAL NUMBER / MAC ADDRESS.
- 9. **BASE BID:** PROVIDE SURFACE RACEWAY ABOVE EXISTING MARBLE FEATURE AND BELOW EXISTING ACOUSTIC PANELING, AND ROUTE UP IN VERTICAL RACEWAY TO SERVE AP LOCATIONS. RACEWAY SHALL BE PRIME AND FINISH PAINTED. COORDINATE EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS.
- ALTERNATE #1:** ELIMINATE VERTICAL RACEWAY SECTION AND ROUTE CABLING UP THROUGH CENTER OF ACOUSTIC WALL PANEL, RACEWAY CUT AND MOUNT AP IN CENTER OF PANEL. COORDINATE EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS.
- 10. UTILIZE EXISTING CONDUIT PATHWAY FROM MEZZANINE TO LOWER LEVEL FOR NEW STRUCTURED CABLING.

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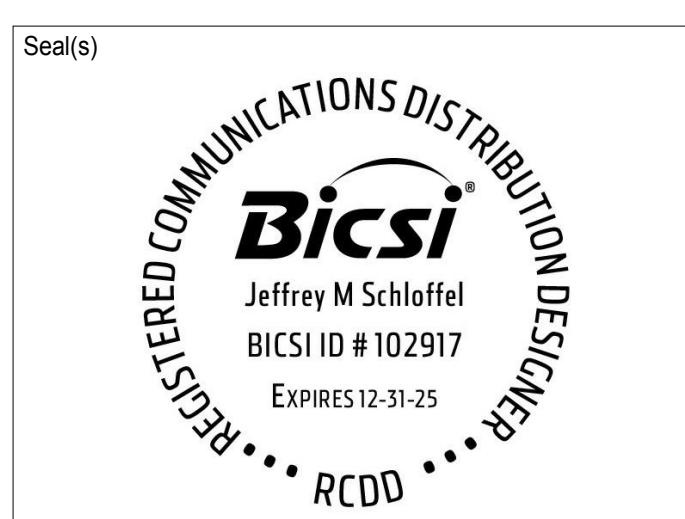
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NORR

NORR OFFICE ADDRESS
norr.com

Project Manager Valentino Mancini	Drawn PJB / ALG
Project Leader Valentino Mancini	Checked JDK

Client
WAYNE STATE UNIVERSITY

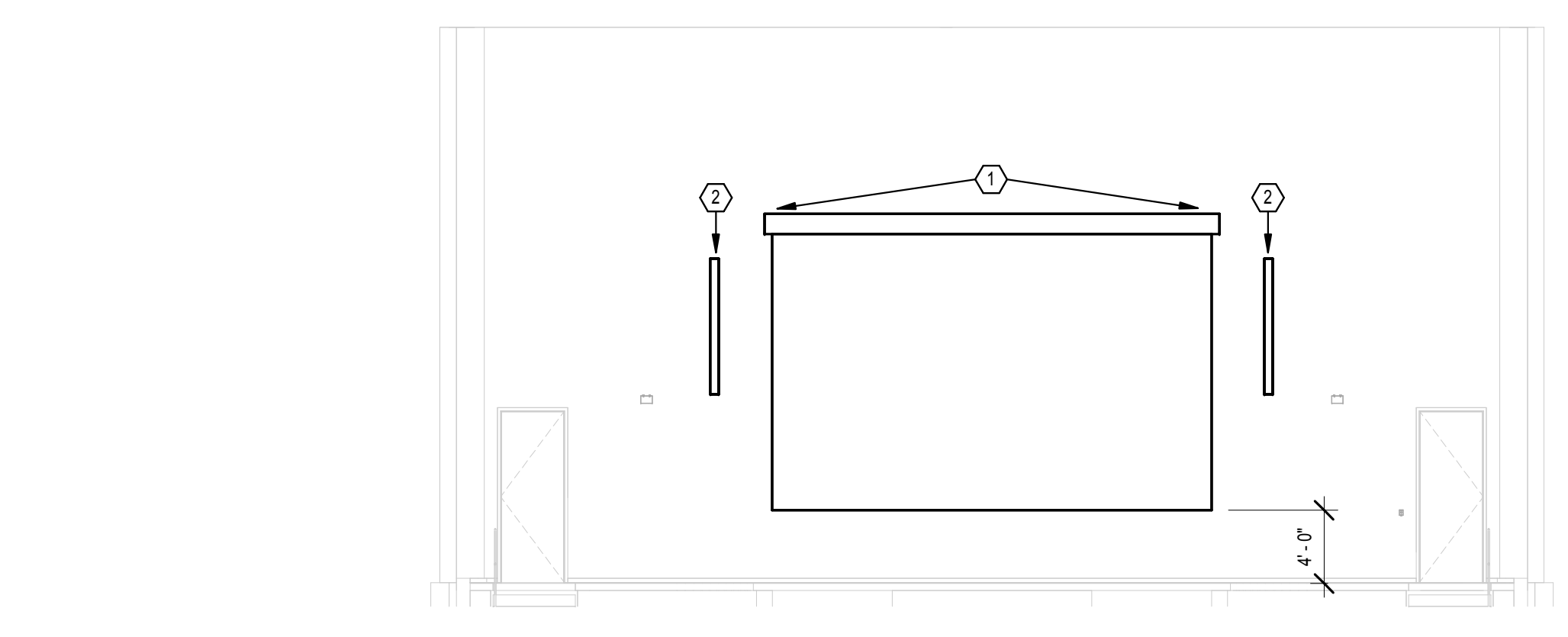
Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
FIRST FLOOR PLAN

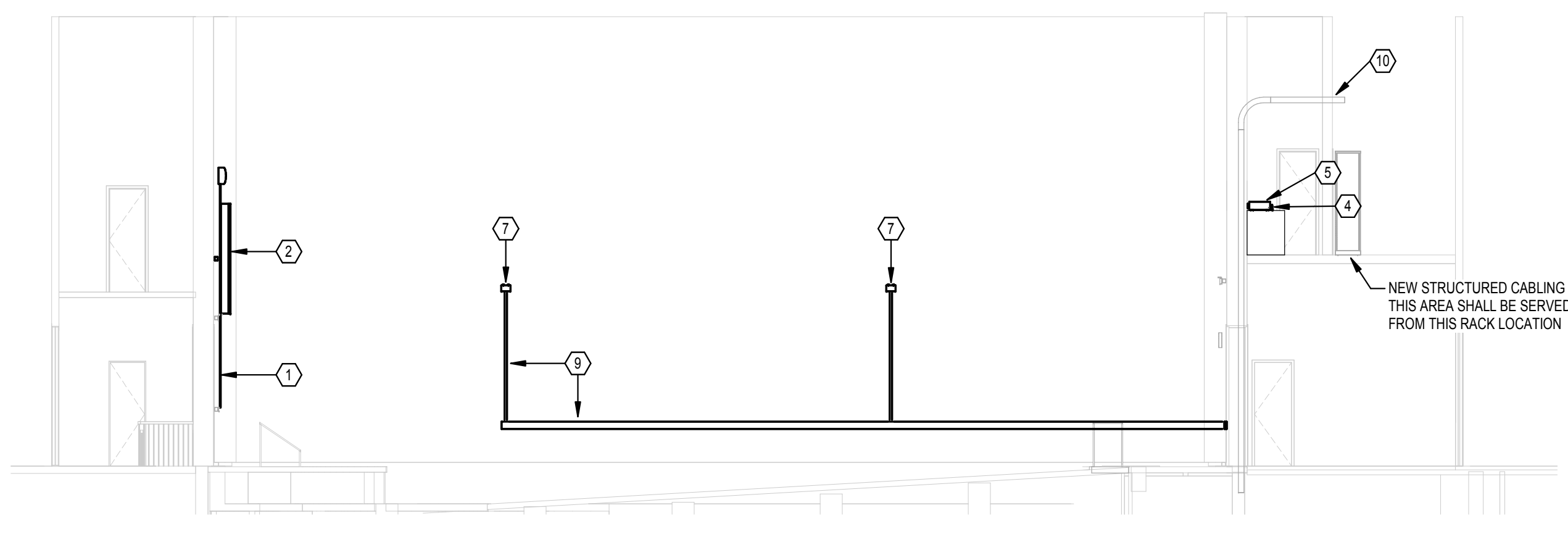
Scale
1/8" = 1'-0"

Project No.
ED2024-0062

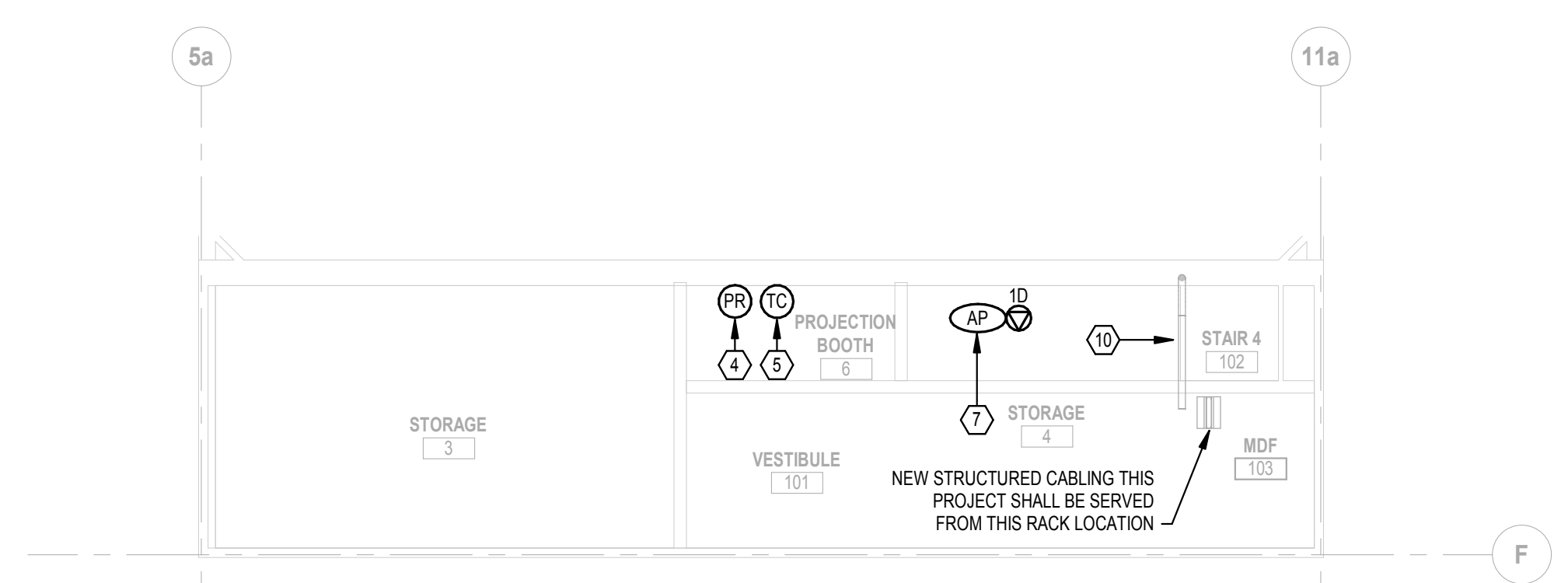
Drawing No.
T20-02



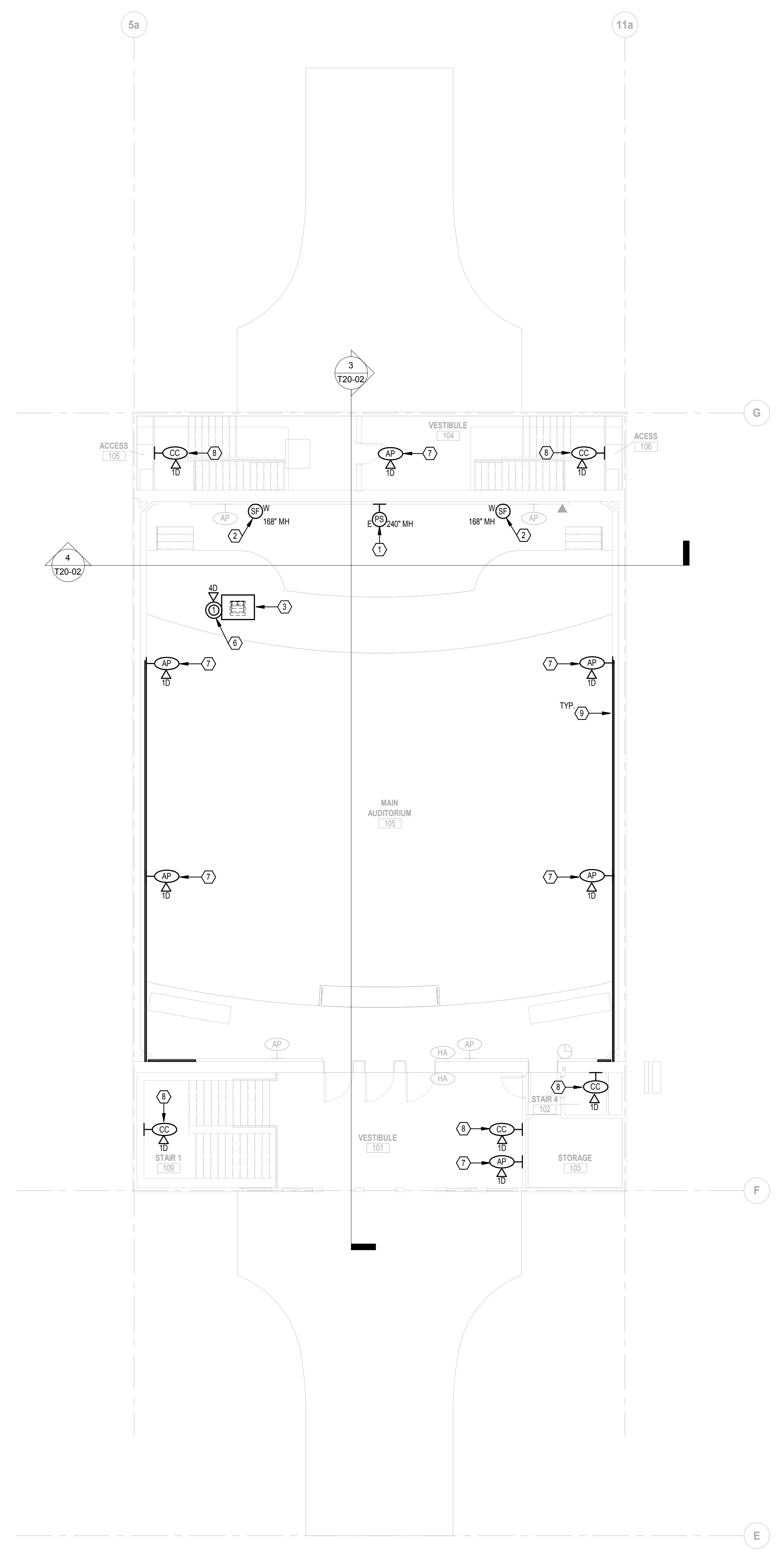
4 FIRST FLOOR FOCAL WALL SECTION
SCALE: 1/8" = 1'-0"



3 FIRST FLOOR AUDITORIUM SECTION
SCALE: 1/8" = 1'-0"

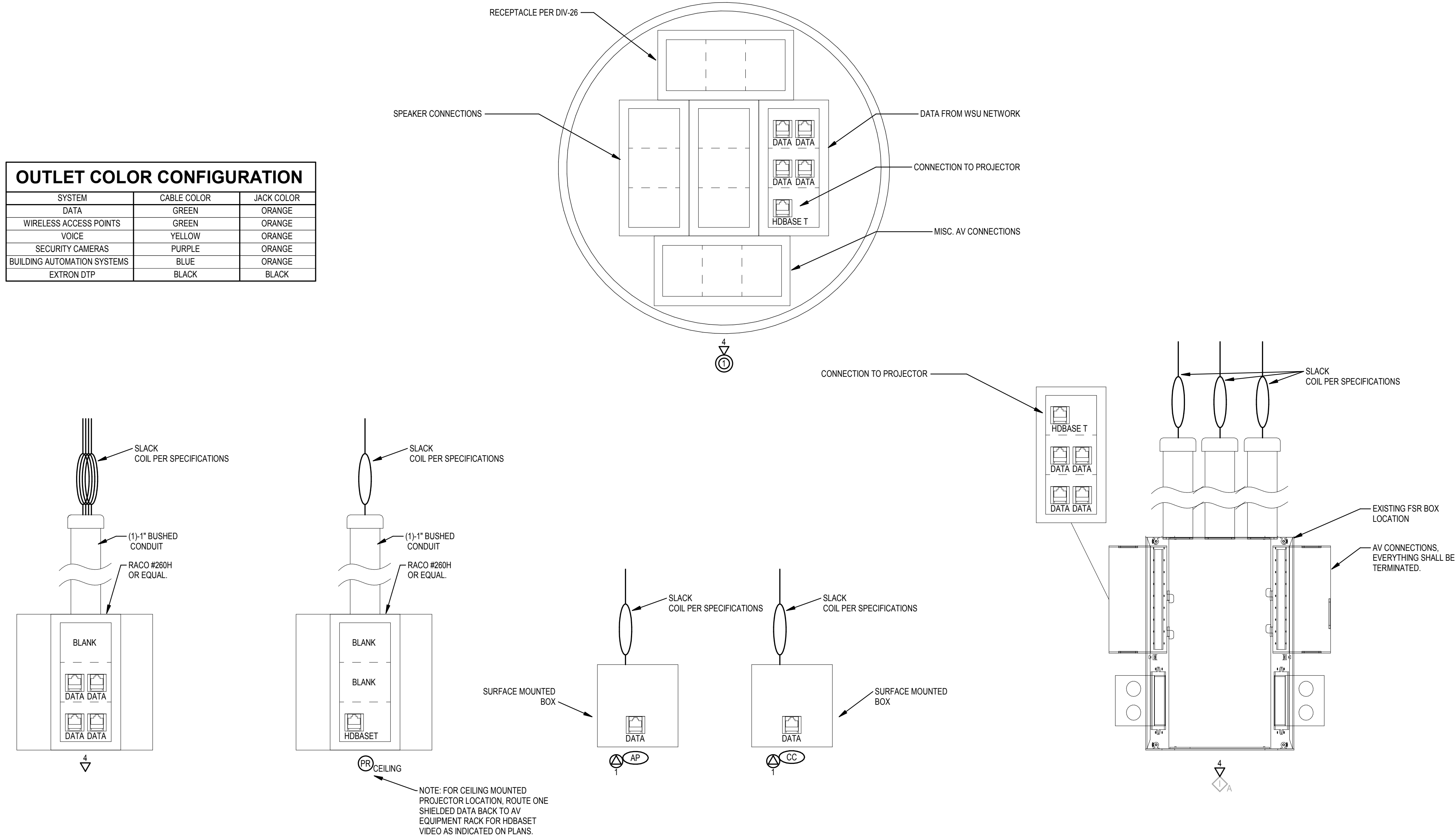


2 MEZZANINE EAST PLAN
SCALE: 1/8" = 1'-0"

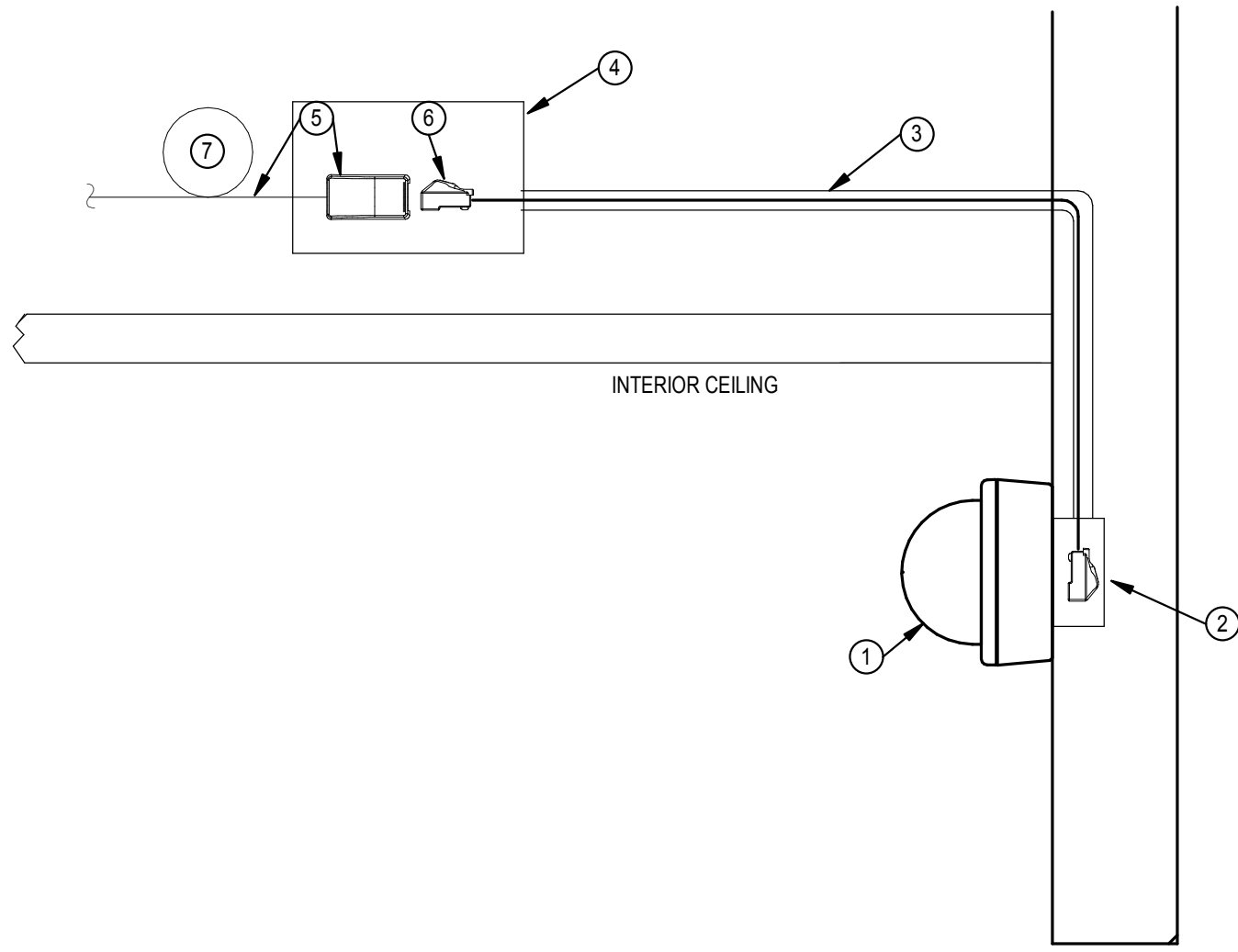


1 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

OUTLET COLOR CONFIGURATION		
SYSTEM	CABLE COLOR	JACK COLOR
DATA	GREEN	ORANGE
WIRELESS ACCESS POINTS	GREEN	ORANGE
VOICE	YELLOW	ORANGE
SECURITY CAMERAS	PURPLE	ORANGE
BUILDING AUTOMATION SYSTEMS	BLUE	ORANGE
EXTRON DTP	BLACK	BLACK



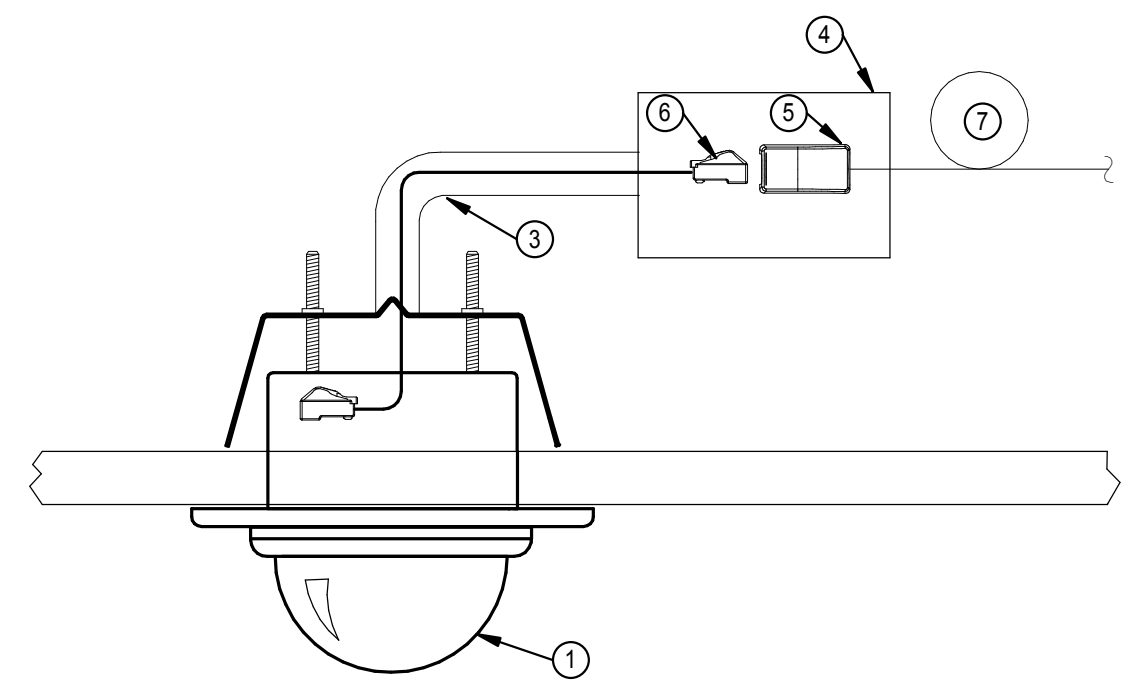
1 TECHNOLOGY OUTLET DETAILS
SCALE: NONE



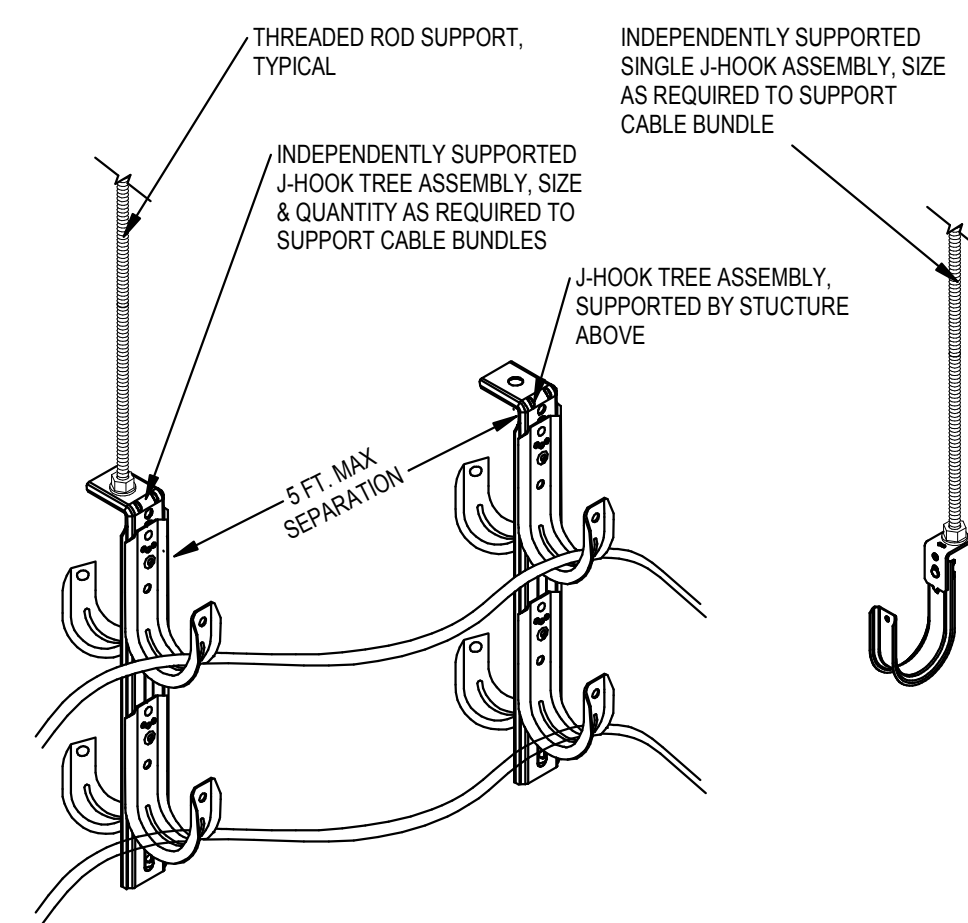
CAMERA MOUNTING DETAIL NOTES

- CAMERA AS SHOWN ON THE PLANS TO BE PROVIDED & INSTALLED BY CONTRACTOR.
- 1-GANG BOX, SEALED FOR MOUNTING OF CAMERA.
- 1" CONDUIT TO BE ROUTED TO ACCESSIBLE INTERIOR JUNCTION BOX.
- JUNCTION BOX ABOVE ACCESSIBLE CEILING.
- PROVIDE 1-DATA OUTLET UTILIZING SURFACE MOUNT "BISCUIT" FOR TERMINATION OF DATA DROP INTO RJ-45 OUTLET.
- PATCH CABLE TO BE PROVIDED BY DIV. 27.
- PROVIDE SLACK OF COIL MANAGED ABOVE CEILING.

INTERIOR - WALL MOUNTED



3 CAMERA MOUNTING DETAILS
SCALE: NONE



2 CABLE PATHWAY SUPPORTS
SCALE: NONE

DATE	ISSUED FOR	REV
2024 04 26	50% Construction Design Set	
2024 05 10	Progress Set	
2024 06 13	100% Owner Review	
2024 06 28	100% Bid and Building Permit	

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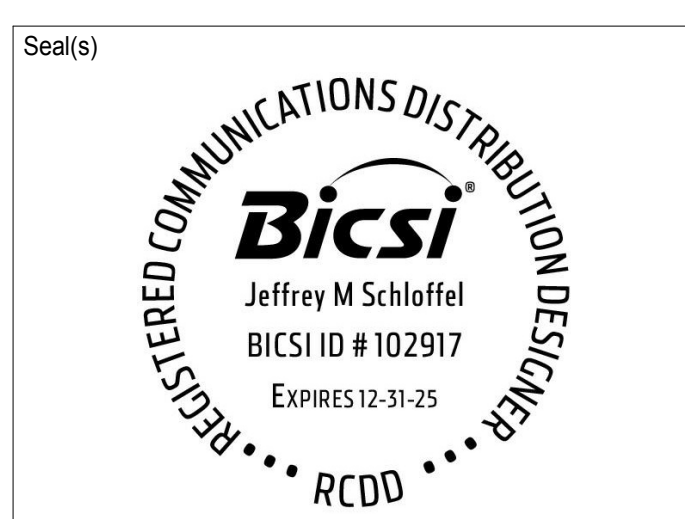
This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.

Project Component

Key Plan

Consultants

Survey:	
Civil:	
Architecture:	NORR
Structural:	NORR
Mechanical:	NORR
Electrical:	NORR
Interiors:	NORR
Landscape:	



NORR

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Project Leader Valentino Mancini	Checked JDK

Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US
Drawing Title
TECHNOLOGY DETAILS

Scale
As indicated

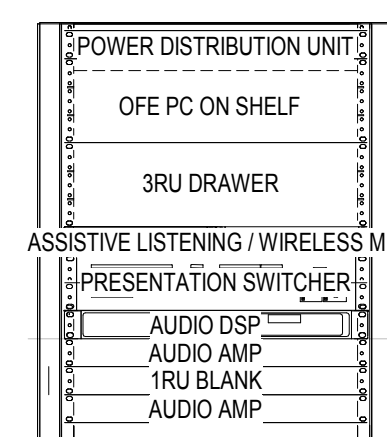
Project No.
ED2024-0062

Drawing No.
T50-01

GENERAL DEMOLITION NOTES

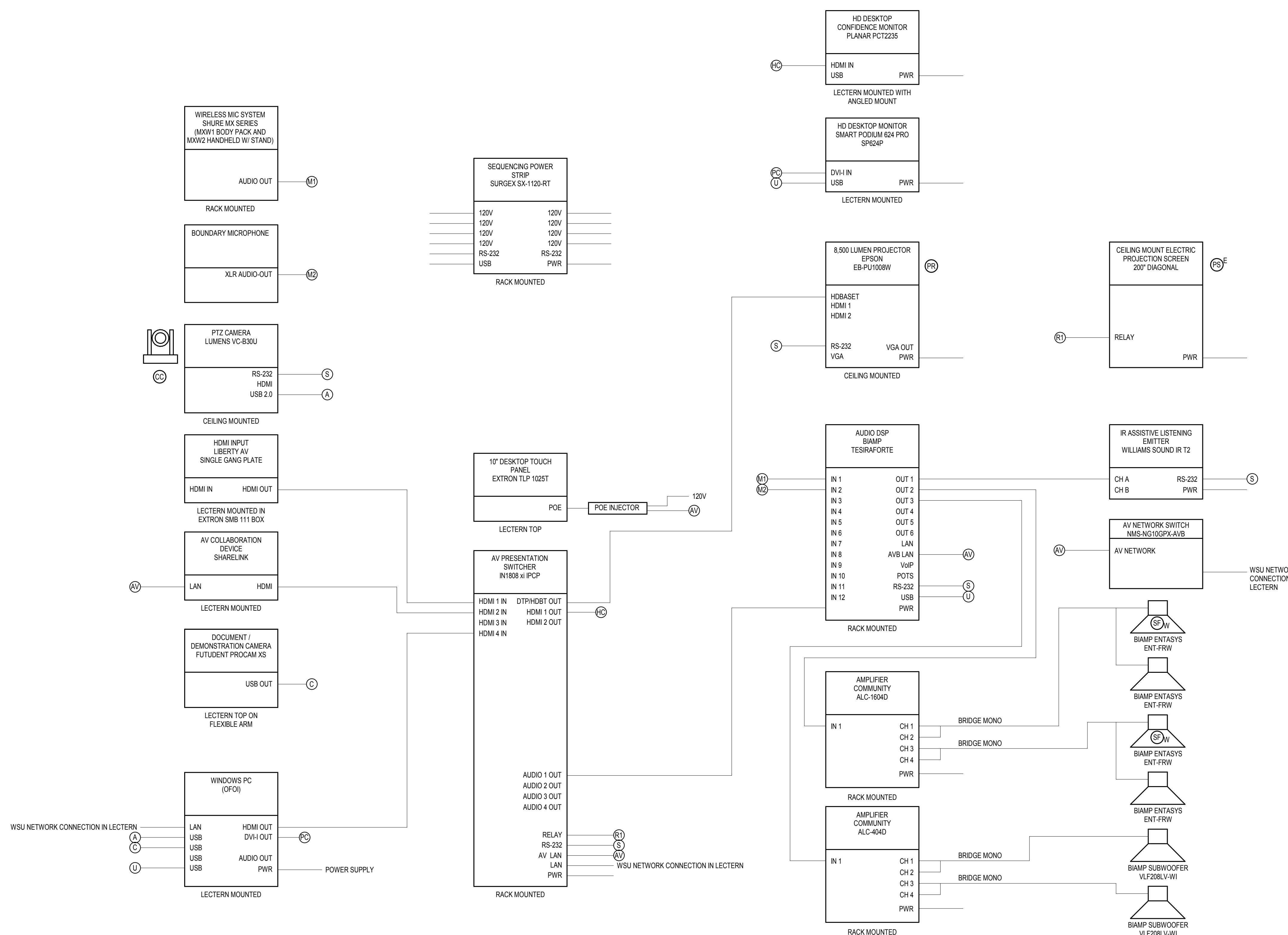
A. AV DIAGRAMS ARE SCHEMATIC IN NATURE AND ARE INTENDED TO CONVEY GENERAL SIGNAL FLOWS ONLY.

DATE	ISSUED FOR	REV
2024 04 26	50% Construction Design Set	
2024 05 10	Progress Set	
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2024 06 28	100% Bid and Building Permit	



2 LOWER LEVEL PODIUM RACK ELEVATION

SCALE: 1" = 1'-0"



1 A/V WIRING DIAGRAM - LOWER LEVEL

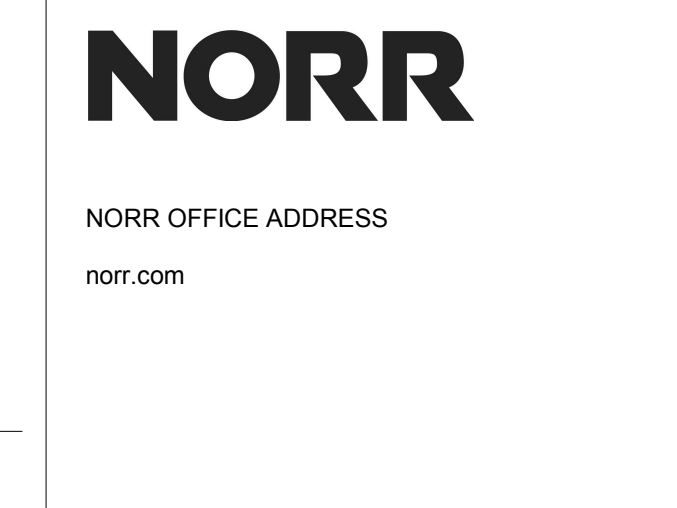
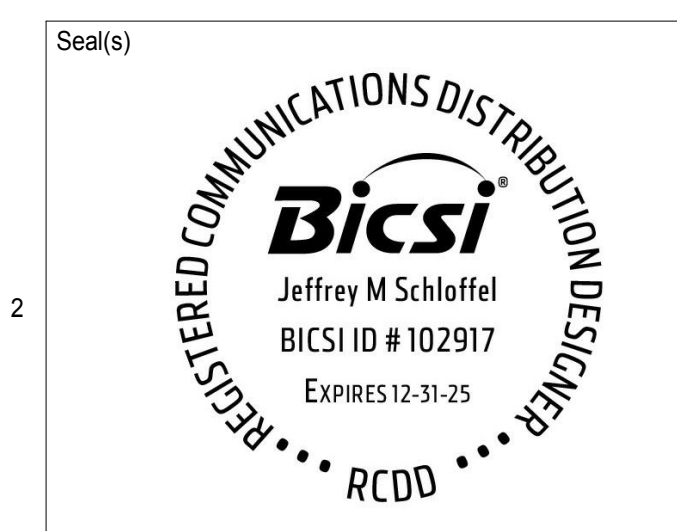
SCALE: NONE

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Project Component
Key Plan

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Mechanical: NORR
Electrical: NORR
Interiors: NORR
Landscape:



Project Manager Valentino Mancini	Drawn PJB / ALG
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Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US

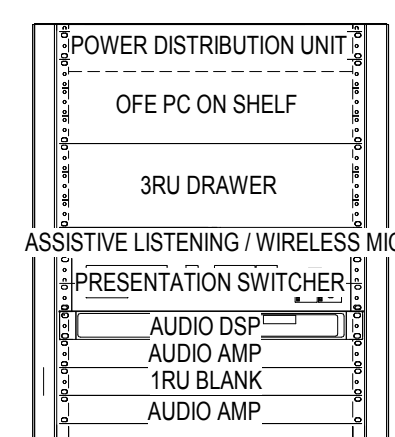
Drawing Title
AV SCHEMATIC - LOWER LEVEL

Scale	As indicated
Project No.	ED2024-0062
Drawing No.	T50-02

GENERAL DEMOLITION NOTES

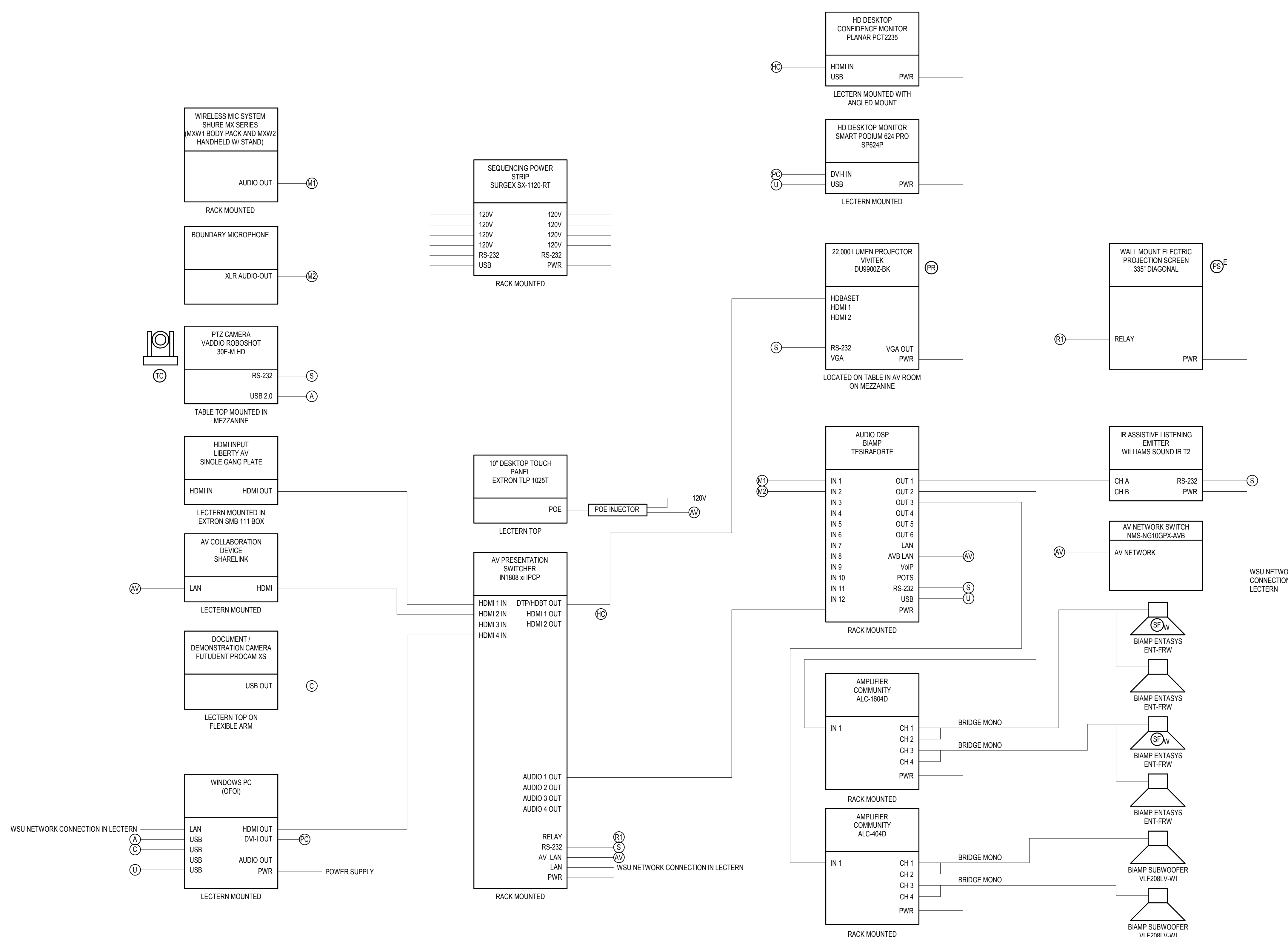
A. AV DIAGRAMS ARE SCHEMATIC IN NATURE AND ARE INTENDED TO CONVEY GENERAL SIGNAL FLOWS ONLY.

DATE	ISSUED FOR	REV
2024 04 26	50% Construction Design Set	
2024 05 10	Progress Set	
2024 06 13	100% Owner Review	
2024 06 28	100% Bid and Building Permit	



2 UPPER LEVEL PODIUM RACK ELEVATION

SCALE: 1" = 1'-0"



1 A/V WIRING DIAGRAM - UPPER LEVEL

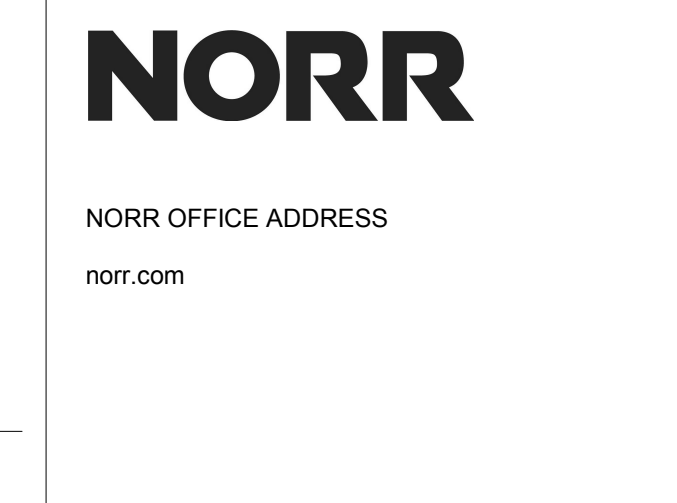
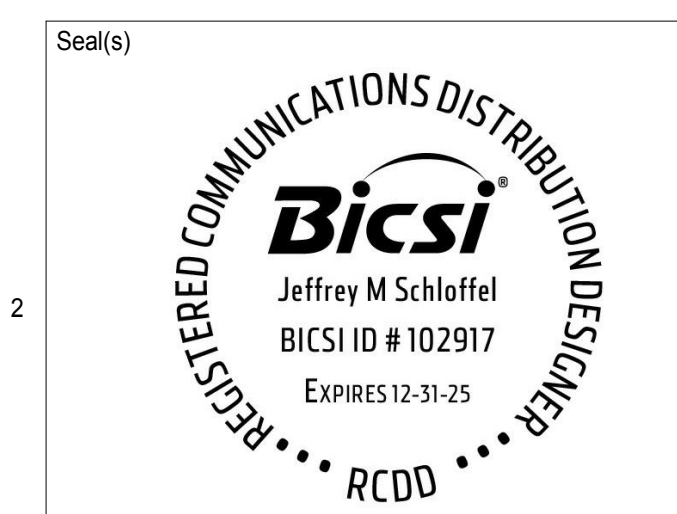
SCALE: NONE

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Project Component
Key Plan

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Civil:
Architecture: NORR
Structural: NORR
Mechanical: NORR
Electrical: NORR
Interiors: NORR
Landscape:



Project Manager Valentino Mancini	Drawn PJB / ALG
Project Leader Valentino Mancini	Checked JDK

Client
WAYNE STATE UNIVERSITY

Project
WSU - DeRoy Building Renovations

DETROIT, MICHIGAN, US

Drawing Title
AV SCHEMATIC - UPPER LEVEL

Scale	As indicated
Project No.	ED2024-0062
Drawing No.	T50-03