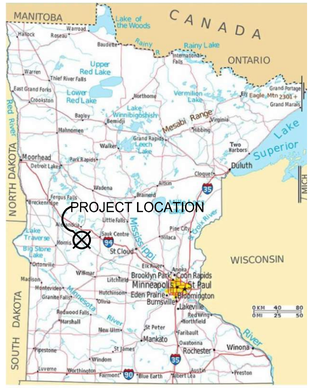
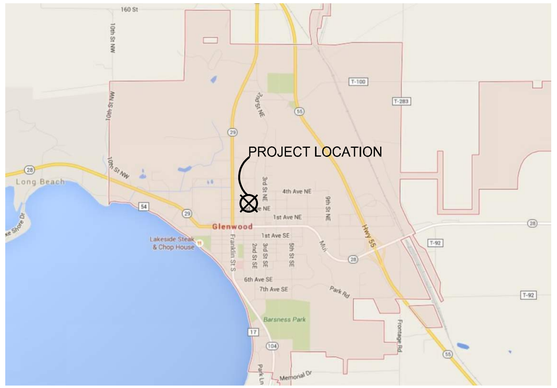
# CENTRAL SQUARE: REHABILITATION

105 2nd Ave. NE, GLENWOOD MN, 56334




NORTH 1 T1.0 PROJECT LOCATION
NOT TO SCALE




NORTH 2 T1.0 PROJECT LOCATION
NOT TO SCALE



NORTH 3 T1.0 PROJECT SITE
NOT TO SCALE

## GENERAL PLAN NOTES

1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
2. CLEAR DIMENSIONS ARE TO FINISHED FACE OF WALL.
3. EXTERIOR DIMENSIONS ARE TO FACE OF CONCRETE, NOMINAL MASONRY OR FACE OF SHEATHING.
4. DIMENSIONS TO AND INVOLVING EXISTING BUILDINGS SHALL ALL BE FIELD VERIFIED BY CONTRACTOR. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
5. IN THE CASE OF AMBIGUITIES, DISCREPANCIES, OR IRREGULARITIES IN THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY BY SUBMITTING A WRITTEN REQUEST FOR CLARIFICATION BEFORE PROCEEDING WITH WORK.
6. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND STANDARDS AS AMENDED BY LOCAL CODES.
7. INSTALL MANUFACTURED ITEMS, MATERIAL AND EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS
8. A CONTRACTOR SHALL NOT PROCEED WITH THEIR WORK UNTIL THEY ACCEPT THE QUALITY OF PRIOR WORK BY OTHERS THAT IS IN CONTACT WITH THEIR WORK. THE OTHER TRADE SHALL CONSTRUE PROCEEDING AS ACCEPTANCE OF THEIR WORK.
9. WHEN WORK IS COMPLETED IN AN AREA, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE AREA, WITHOUT DAMAGING THE MATERIALS AND SURFACES INVOLVED. RESTRICT UNNECESSARY CONSTRUCTION TRAFFIC IN FINISHED AREAS. PROTECT SURFACES, FLOORS AND WALLS FROM DAMAGE UNTIL FINAL ACCEPTANCE OF THE WORK BY THE OWNER.
10. REPLACE DAMAGED MATERIALS.

## GRAPHIC SYMBOLS

- WALL
- EXISTING WALL TO REMAIN
- WALL TO BE REMOVED
- PARTITION TYPE (A1)
- RATED WALL ASSEMBLY
- EXTERIOR ELEVATION (1 / A1.0)
- BUILDING SECTION (1 / A1.0)
- ROOM NAME / ROOM NUMBER (ROOM NAME 100)
- FEC FIRE EXTINGUISHER WITH CABINET
- FE FIRE EXTINGUISHER ON BRACKET
- GRID LINE (2)
- PLAN DETAIL (1 / A1.0)
- REVISION (1)
- INTERIOR ELEVATION (1 / A1.0)
- WALL SECTION (1 / A1.0)
- DOOR SWING & NUMBER (100A)
- EXISTING DOOR TO REMAIN (EXG)
- DOOR TO BE REMOVED
- INTERIOR BORROWED LIGHT FRAME

## SHEET INDEX


ARCHITECTURAL
T1.0 TITLE SHEET / INDEX
EXISTING SURVEY (FOR REFERENCE)
C1.0 SITE PLAN - DEMO
C1.1 SITE PLAN
D1.0 MAIN LEVEL DEMOLITION PLAN
D1.1 UPPER LEVEL DEMOLITION PLAN
D1.2 CEILING DEMOLITION PLAN
D1.3 EXTERIOR ELEVATION DEMO
A1.0 CODE PLAN & CODE ANALYSIS
A2.0 FLOOR PLAN MAIN LEVEL
A2.1 FLOOR PLAN UPPER LEVEL
A2.2 FLOOR PLAN LOWER LEVEL
A2.3 AUDITORIUM & GYM ATTIC PLAN
A3.0 EXTERIOR ELEVATIONS
A4.0 FINISH PLAN MAIN LEVEL
A4.1 FINISH PLAN UPPER LEVEL
A4.2 ENLARGED PLANS
A4.3 ENLARGED PLANS
A5.0 INTERIOR ELEVATIONS
A5.1 INTERIOR ELEVATIONS
A5.2 INTERIOR ELEVATIONS
A5.3 INTERIOR ELEVATIONS
A5.4 INTERIOR DETAILS
A6.0 REFLECTED CEILING PLAN MAIN LEVEL
A6.1 REFLECTED CEILING PLAN UPPER LEVEL
A6.2 REFLECTED CEILING PLAN AUDITORIUM/GYM
A7.0 SCHEDULES, ACCESSIBLE MOUNTING HEIGHT DETAILS
A8.0 DETAILS

STRUCTURAL
S000 TITLE SHEET
S100 GENERAL NOTES
S200 MAIN LEVEL OVERALL PLAN
S210 SECOND FLOOR PLAN
S220 CATWALK FRAMING PLAN

MECHANICAL
M0.0 COVER SHEET
MD1.0 LOWER LEVEL MECHANICAL DEMOLITION
MD1.1 MAIN LEVEL MECHANICAL DEMOLITION
MD1.2 UPPER LEVEL MECHANICAL DEMOLITION
MD1.3 ATTIC LEVEL MECHANICAL DEMOLITION
M1.0 OVERALL PLUMBING PLAN
M1.1 ENLARGED PLUMBING PLANS
M3.1 MAIN LEVEL HVAC REMODEL
M3.2 UPPER LEVEL HVAC REMODEL
M3.3 BALCONY LEVEL HVAC REMODEL
M3.4 ATTIC LEVEL HVAC REMODEL
M5.0 DETAILS

ELECTRICAL
E000 LOWER FLOOR PLAN - ELECTRICAL DEMOLITION
E001 MAIN FLOOR PLAN - ELECTRICAL DEMOLITION
E002 SECOND FLOOR PLAN - ELECTRICAL DEMOLITION
E101 MAIN FLOOR PLAN - LIGHTING
E102 SECOND FLOOR PLAN - LIGHTING
E103 THEATRICAL LIGHTING PLANS - ELECTRICAL
E201 MAIN FLOOR PLAN - POWER & SYSTEMS
E202 SECOND FLOOR PLAN - POWER
E300 SCHEDULES


## PROJECT TEAM

### OWNER
CENTRAL SQUARE, INC.
105 2nd AVENUE NE, SUITE 111
GLENWOOD, MN 56334
PH. 320.634.0400
(CONTACT: MARIE CHAN)

### CONSTRUCTION MANAGER
INNOVATIVE BUILDERS
221 30th AVENUE W
ALEXANDRIA, MN 56308
PH. 320.763.8900
(CONTACT: SCOTT KLUVER)

### ARCHITECT
STUDIO E ARCHITECTS
19 E. MINNESOTA AVENUE
GLENWOOD, MN 56334
PH. 320.634.9939
(CONTACTS: STEPHANIE HOWE, ERIC NORUM)

### STRUCTURAL ENGINEER
DESIGN TREE ENGINEERING
120 17TH AVENUE W
ALEXANDRIA, MN 56308
PH. 320.762.1290
(CONTACT: JOE NICHOLSON)

### MECHANICAL ENGINEER
MARTIN MECHANICAL DESIGN
1201 25th AVENUE NORTH
FARGO, ND 58102
PH. 701.293.7957
(CONTACT: CHAD HANSEN)

### ELECTRICAL ENGINEER
VAREBERG ENGINEERING
1331 32nd AVENUE SOUTH
FARGO, ND 58103
PH. 701.234.0926
(CONTACT: TROY VAREBERG)


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CENTRAL SQUARE REHABILITATION
105 SECOND AVE NE
GLENWOOD, MN 56334

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STEPHANIE J. HOWE
DATE 22 NOV 2024 LIC. NO. 24874

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| CHECKED: | SJH |

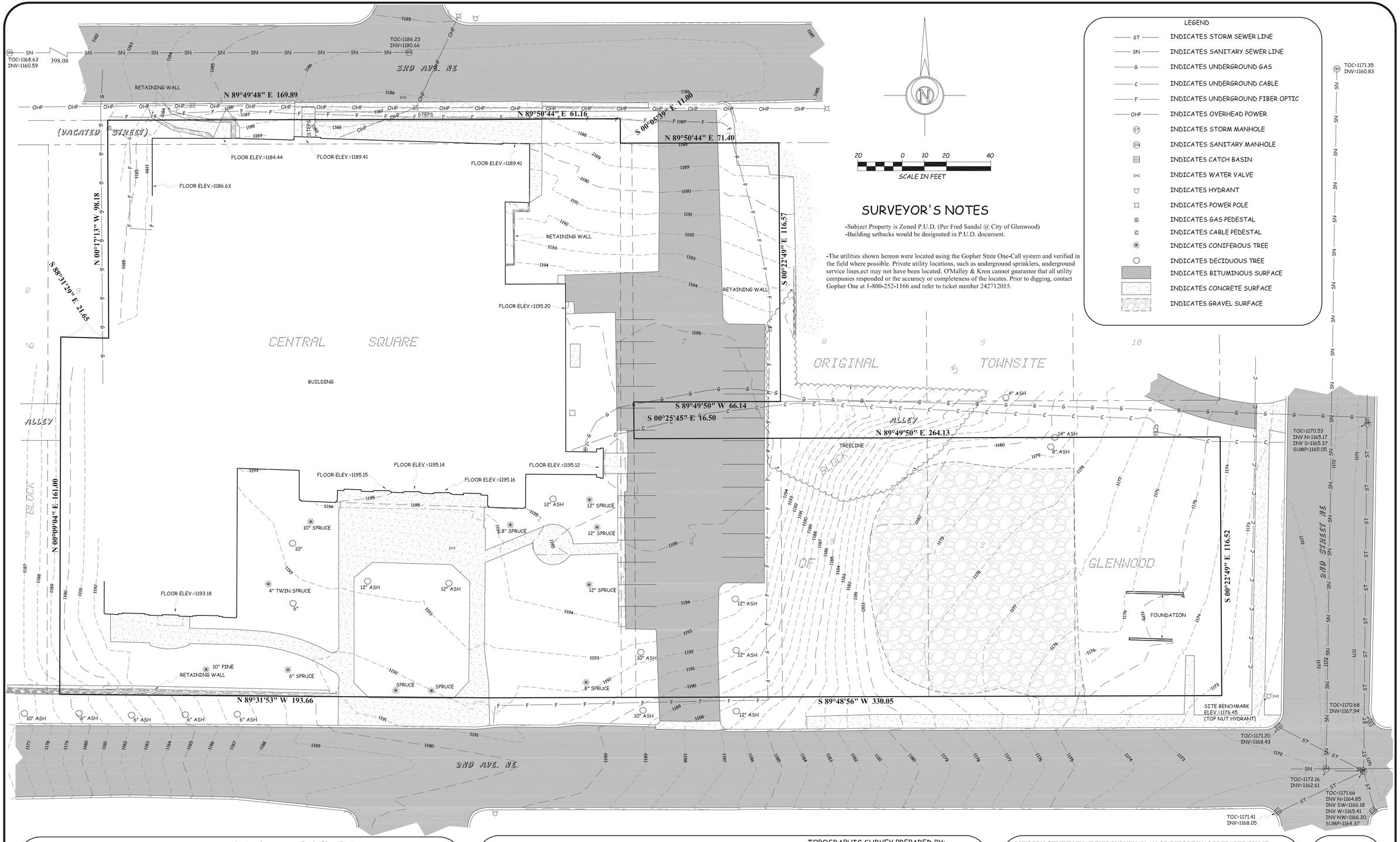
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DRAWING TITLE:

TITLE SHEET
INDEX

DRAWING NUMBER:

T1.0




LEGEND

- INDICATES STORM SEWER LINE
- INDICATES SANITARY SEWER LINE
- INDICATES UNDERGROUND GAS
- INDICATES UNDERGROUND CABLE
- INDICATES UNDERGROUND FIBER OPTIC
- INDICATES OVERHEAD POWER
- INDICATES STORM MANHOLE
- INDICATES SANITARY MANHOLE
- INDICATES CATCH BASIN
- INDICATES WATER VALVE
- INDICATES HYDRANT
- INDICATES POWER POLE
- INDICATES GAS PEDESTAL
- INDICATES CABLE PEDESTAL
- INDICATES CONIFEROUS TREE
- INDICATES DECIDUOUS TREE
- INDICATES BITUMINOUS SURFACE
- INDICATES CONCRETE SURFACE
- INDICATES GRAVEL SURFACE

20 0 10 20 40

SCALE IN FEET

## SURVEYOR'S NOTES

-Subject Property is Zoned P.U.D. (Per Fred Sandal @ City of Glenwood)
-Building setbacks would be designated in P.U.D. document.

-The utilities shown hereon were located using the Gopher State One-Call system and verified in the field where possible. Private utility locations, such as underground sprinklers, underground service lines,ect may not have been located. OMalley & Kron cannot guarantee that all utility companies responded or the accuracy or completeness of the locates. Prior to digging, contact Gopher One at 1-800-252-1166 and refer to ticket number 242712015.

JOB NO:2024-644
FILE NAME:2024-644.DWG
LOCATION:12-125-38

TOPOGRAPHIC SURVEY PREPARED FOR:
**CENTRAL SQUARE INC.**

1004 2nd ST. SE
WILLMAR, MN 56201
PH. 320-235-4012

340 CHAPEL HILL RD.
COLD SPRING, MN 56320
PH. 320-685-5905

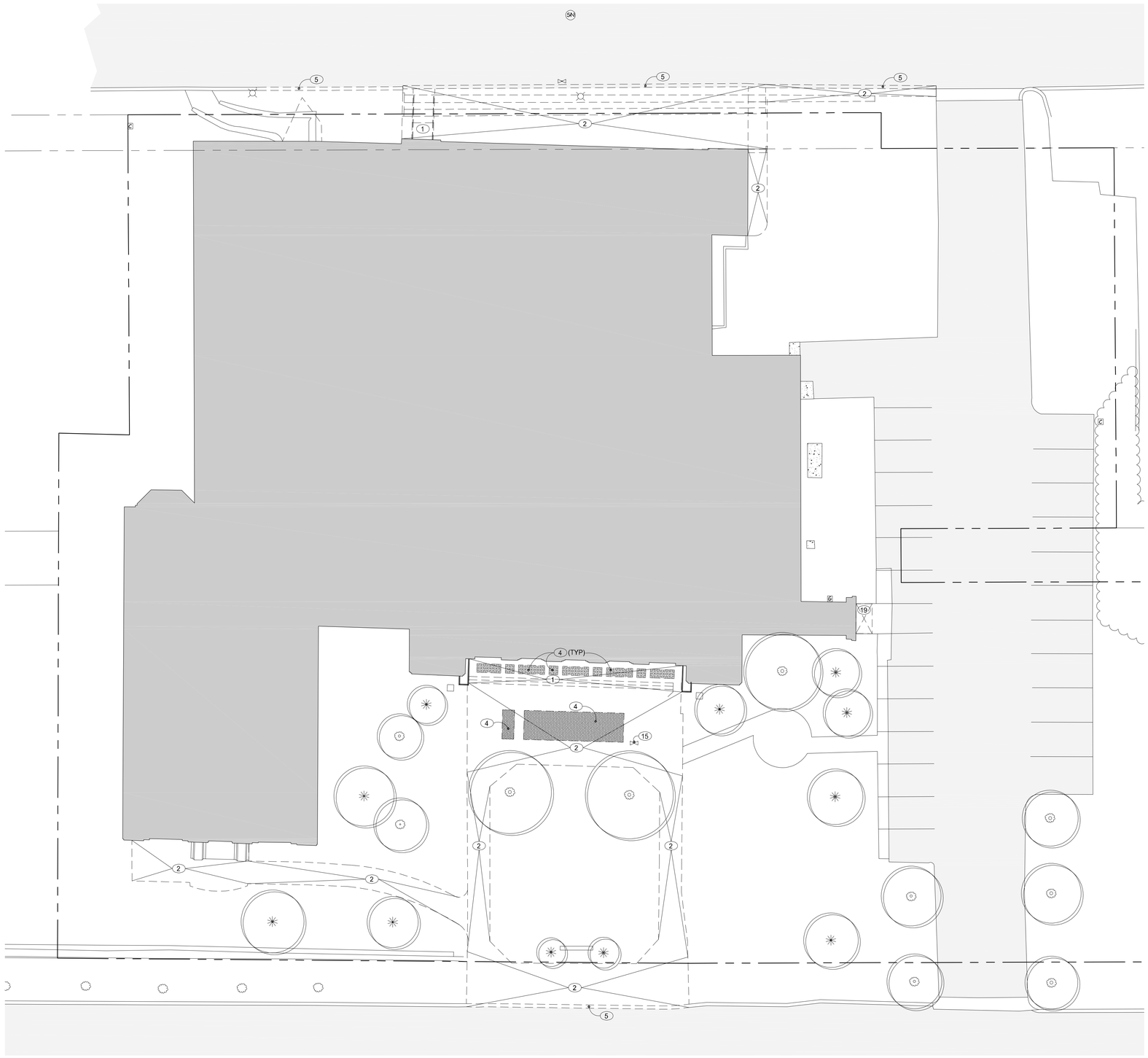
1250 HWY 15 SOUTH
HUTCHINSON, MN 55350
PH. 320-234-1223

TOPOGRAPHIC SURVEY PREPARED BY:
**O'MALLEY & KRON LAND SURVEYORS, INC.**

I HEREBY CERTIFY THAT THIS SURVEY, PLAN OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MINNESOTA.

_____ DATE: 10-11-24
ADAM K. CHRISTENSON
MINNESOTA REGISTRATION NO. 50333

SHEET 1 OF 1




NORTH

1 / C1.0 SITE PLAN - DEMOLITION

1/16" = 1'-0"

## GENERAL SITE NOTES

A. FIELD VERIFY ALL EXISTING UTILITY LOCATIONS.

B. ACTUAL FIELD DIMENSIONS AND CONDITIONS MAY VARY FROM THESE SHOWN. VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO ARCHITECT FOR RESOLUTION PRIOR TO COMMENCING CONSTRUCTION.

C. REFER TO MECHANICAL, ELECTRICAL, STRUCTURAL AND CIVIL FOR ADDITIONAL INFORMATION.

D. DO NOT SCALE DRAWINGS.

E. ALL DISTURBED SOIL AREAS TO BE LANDSCAPED

NOTE:
PATCH TOP SOIL/BLACK DIRT AS REQUIRED DUE TO SITE WORK. RE-ESTABLISH GRASS IN AFFECTED AREAS.

## SITE PLAN KEY NOTES

1. DEMO CONCRETE STOOP AND CONCRETE STAIRS
2. DEMO CONCRETE PAVING / STEPS
3. REMOVE TREE AND GRUB STUMP
4. DEMO PAVERS
5. DEMO CURB/GUTTER
6. PATCH BITUMINOUS AS REQ'D NEAR CURB/GUTTER
7. NEW CURB/GUTTER
8. NEW CONC. SIDEWALK/PAVING
9. NEW CONC STOOP/STAIRS
10. NEW CONC ACCESSIBLE WALK (1:20 MAX SLOPE)
11. NEW PAVERS
12. NEW ACCESSIBLE CURB CUT
13. GRADE AREA TO SLOPE AWAY FROM BUILDING AND TO CURB. PROVIDE 6" BLACK DIRT TOPSOIL AND SEED AREA TO ESTABLISH TURF
14. HANDRAILS
15. EXG WATER SHUT-OFF VALVE TO REMAIN. RAISE/LOWER CAP AS REQUIRED DUE TO SITE WORK/SITE IMPROVEMENTS
16. TRUNCATED DOME PER MN DOT STD. PLATE DETAIL 7038A
17. DEMO CANOPY STRUCTURE, COLUMNS AND COLUMN FOUNDATION (EXISTING RETAINING WALLS TO REMAIN)
18. DEMO DRAIN TILE FROM CANOPY GUTTER TO CURB. PATCH GROUND AND CURB.
19. DEMO STOOP SLAB AND PROVIDE NEW SLAB TO ELIMINATE STEP ELEVATION CHANGE AT ENTRY

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# CENTRAL SQUARE REHABILITATION

105 SECOND AVE NE
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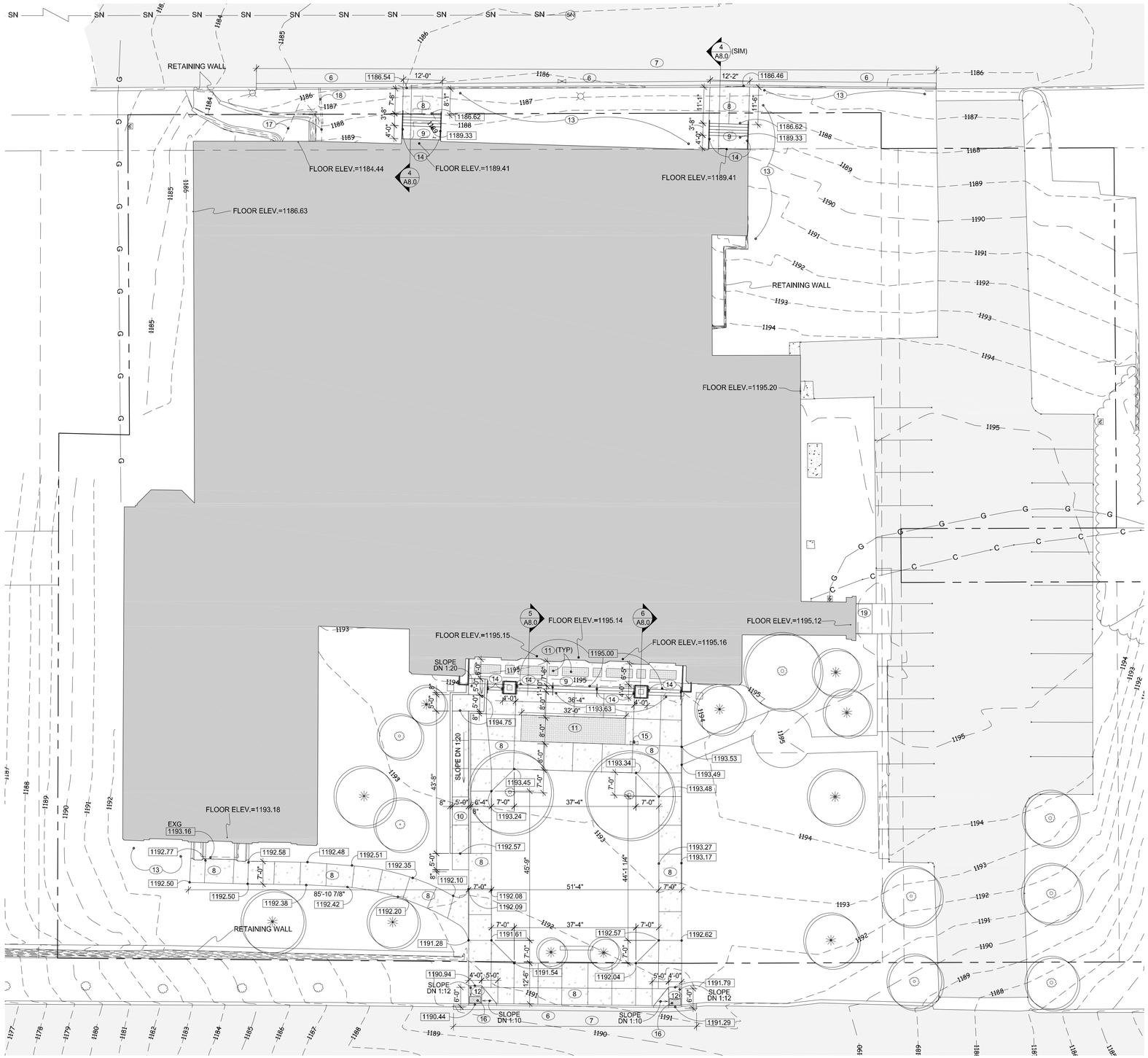
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DRAWING TITLE:

SITE PLAN - DEMO

DRAWING NUMBER:

C1.0




NORTH

1 C1.1 SITE PLAN
1/16" = 1'-0"

## GENERAL SITE NOTES

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B. ACTUAL FIELD DIMENSIONS AND CONDITIONS MAY VARY FROM THESE SHOWN. VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO ARCHITECT FOR RESOLUTION PRIOR TO COMMENCING CONSTRUCTION.
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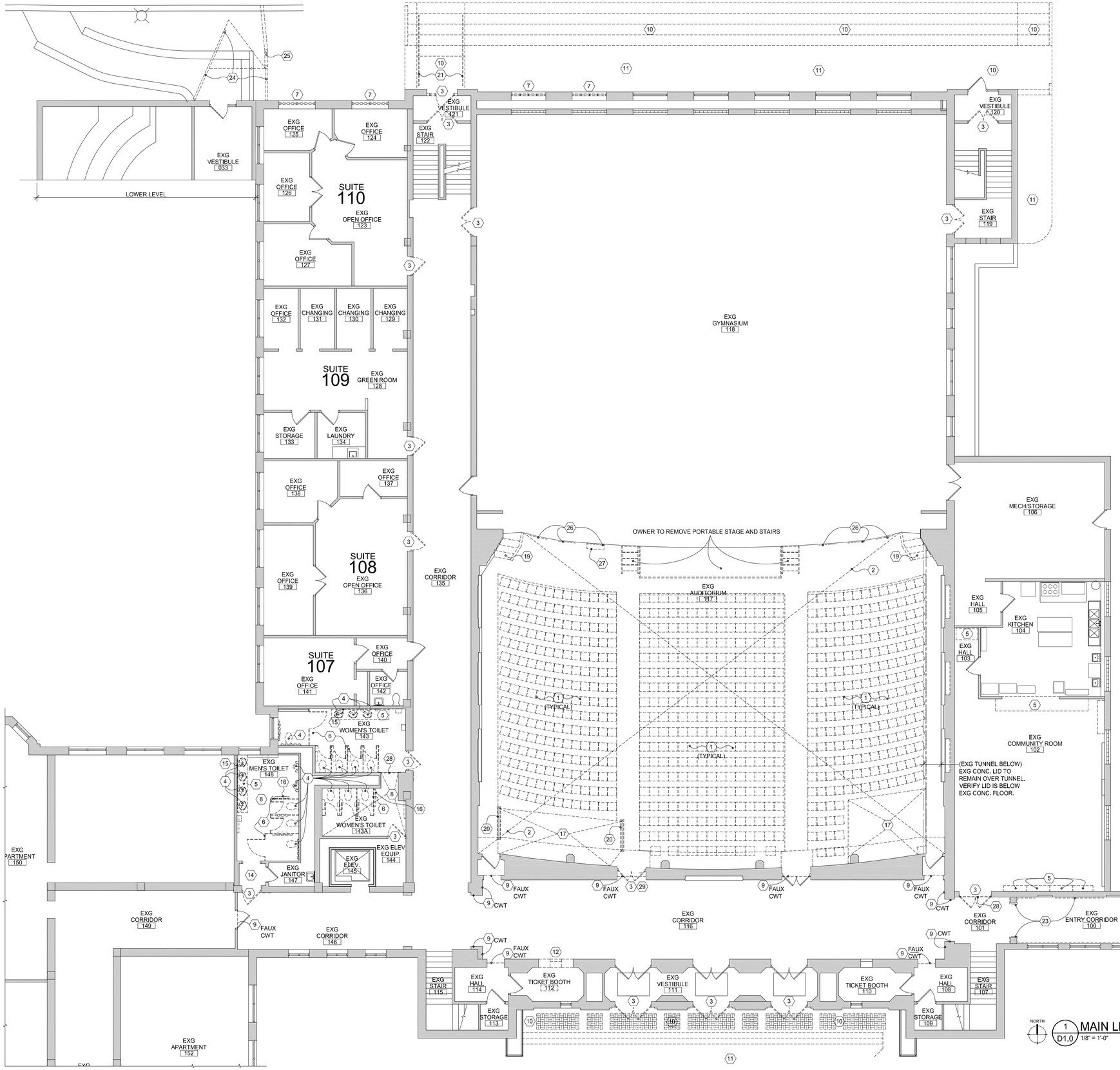
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DRAWING TITLE:

SITE PLAN

DRAWING NUMBER:

C1.1




## DEMOLITION GENERAL NOTES

A. CONTRATOR TO VISIT THE SITE PRIOR TO BIDDING TO VERIFY EXG CONDITIONS; REPORT DISCREPANCIES TO ARCHITECT PRIOR TO BEGINNING WORK.
B. WHERE INDICATED FOR DEMOLITION, REMOVE ALL WALL, CEILING AND FLOOR FINISHES DOWN TO UNDERLYING STRUCTURE .
C. WHERE INDICATED FOR DEMOLITION, REMOVE EXG FLOORING INCLUSIVE OF ADHESIVE OR ATTACHMENT MATERIAL, DOWN TO BARE CONCRETE OR SUBFLOOR.
D. COORDINATE CEILING REMOVAL AS REQUIRED WITH MECHANICAL AND ELECTRICAL DEMOLITION.
E. SEE MECHANICAL AND ELECTRICAL FOR ADDITIONAL DEMOLITION.
F. IF STRUCTURAL MEMBERS ARE ENCOUNTERED DURING DEMOLITION, CONTACT ARCHITECT OR ENGINEER BEFORE PROCEEDING.
G. PROTECT EXG CONSTRUCTION TO REMAIN; REPAIR IF DAMAGED DURING DEMOLITION OF SURROUNDING CONSTRUCTION.
H. VERIFY EXG UTILITY LOCATIONS PRIOR TO STARTING DEMOLITION.
I. COORDINATE DISPOSAL OF DEMOLISHED ITEMS TO BE SALVAGED FOR OWNER.
J. SEE SHEET T1.0 FOR GRAPHIC SYMBOLS

## DEMOLITION PLAN KEY NOTES

1. EXG AUDITORIUM CHAIR REMOVAL BY OTHERS - TO BE COORDINATED BY THE OWNER.
2. DEMO CONCRETE FLOOR
3. DEMO DOOR AND FRAME (INCLUDING TRANSOMS) *NOTE - EXG FRAMES ARE SLUGGED FULL WITH CONCRETE IN MANY LOCATIONS
4. DEMO PLUMBING FIXTURE
5. DEMO CASEWORK/COUNTERTOPS
6. DEMO TOILET PARTITIONS
7. DEMO WINDOW ASSEMBLY
8. DEMO FLOOR FINISH
9. DEMO WALL FINISH
10. DEMO CONCRETE STAIR/STOOP, INCLUDING PAVER AREAS
11. DEMO CONCRETE WALK/PAVING, INCLUDING PAVER AREAS
12. DEMO WALL FOR NEW OPENING. SEE STRUCTURAL FOR LINTEL
13. DEMO TERRAZZO. PATCH & PREP FLOOR FOR NEW FINISH
14. DEMO ACT CLG TILE AND GRID THIS ROOM
15. DEMO MIRROR
16. DEMO BABY CHANGING STATION
17. DEMO PLATFORM
18. ELECTRICAL SERVICE TO BE RE-ROUTED TO UNDERGROUND - SEE ELECTRICAL
19. DEMO STAIR / LOW WALL
20. DEMO RAILINGS. CAREFULLY REMOVE DECORATIVE END CAPS IN EXISTING RAIL AND SALVAGE TO OWNER. (4 TOTAL)
21. DEMO EXTERIOR RAILING
22. DEMO CONCRETE BALCONY FLOOR FOR MECHANICAL PENETRATION - VERIFY SIZE OF OPENING
23. DEMO EXG WALL BASE
24. DEMO CANOPY STRUCTURE, INCLUDING COLUMNS AND COLUMN FOOTING (RETAINING WALLS TO REMAIN)
25. DEMO ABOVE AND BELOW GRADE DRAIN TILE FROM STRUCTURE TO CURB. PATCH GROUND.
26. DEMO EXG GRATE IN WALL BELOW STAGE. FRAME IN OPENING AND PATCH TO MATCH ADJACENT WALL
27. SALVAGE EXISTING WOOD CABINET. MODIFY AS REQUIRED AND REINSTALL AS SHOWN.
28. SAW CUT FLOOR AS REQUIRED TO INSTALL SOLID SURFACE TRANSITION STRIP
29. SALVAGE EXISTING DOOR PUSH/PULLS FOR REINSTALLATION

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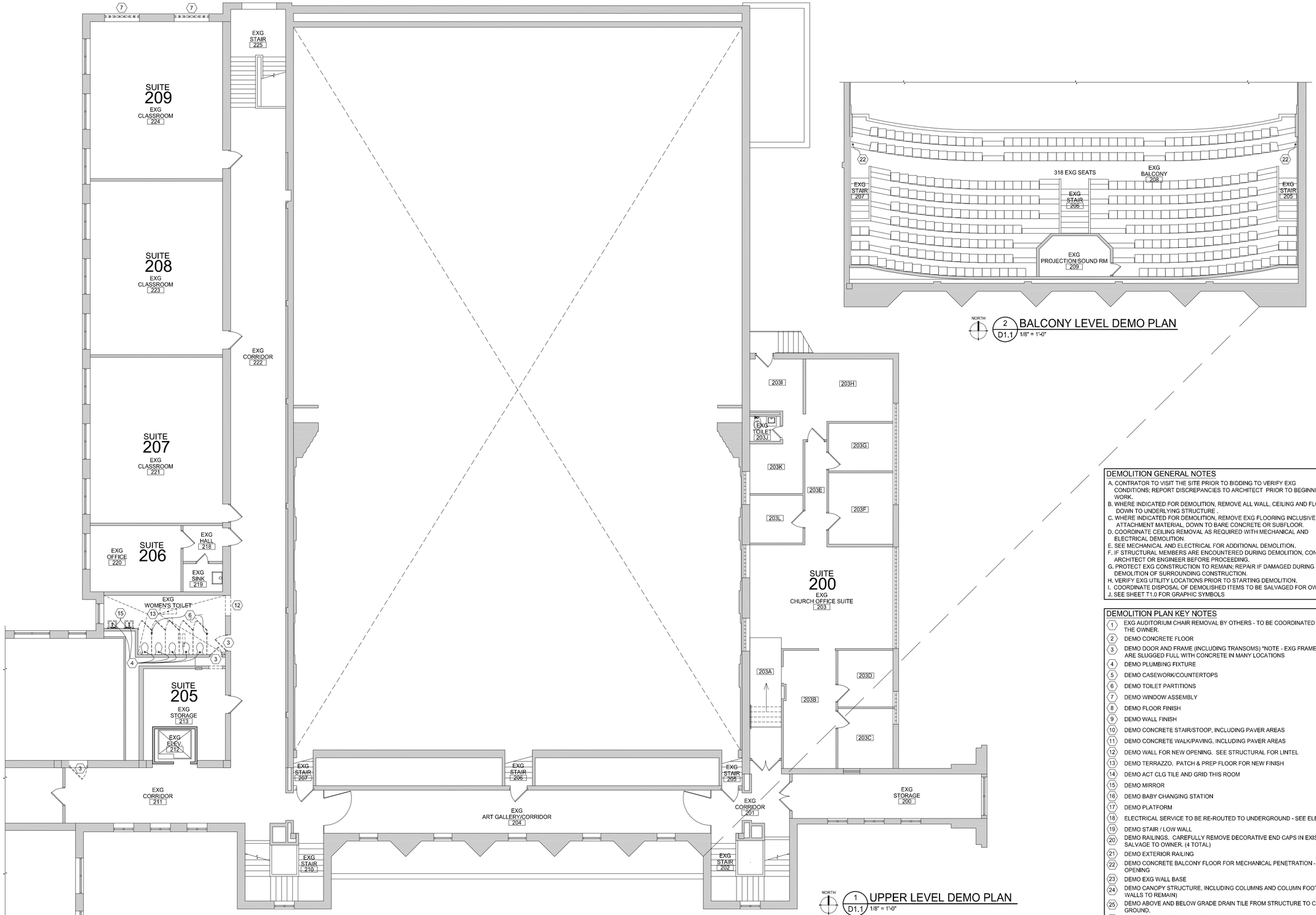
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DRAWING TITLE:

MAIN LEVEL DEMOLITION PLAN

DRAWING NUMBER:

D1.0




## DEMOLITION GENERAL NOTES

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## DEMOLITION PLAN KEY NOTES

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5. DEMO CASEWORK/COUNTERTOPS
6. DEMO TOILET PARTITIONS
7. DEMO WINDOW ASSEMBLY
8. DEMO FLOOR FINISH
9. DEMO WALL FINISH
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27. SALVAGE EXISTING WOOD CABINET. MODIFY AS REQUIRED AND REINSTALL AS SHOWN.
28. SAW CUT FLOOR AS REQUIRED TO INSTALL SOLID SURFACE TRANSITION STRIP
29. SALVAGE EXISTING DOOR PUSH/PULLS FOR REINSTALLATION

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STEPHANIE J. HOWE
DATE 22 NOV 2024 LIC. NO. 24874

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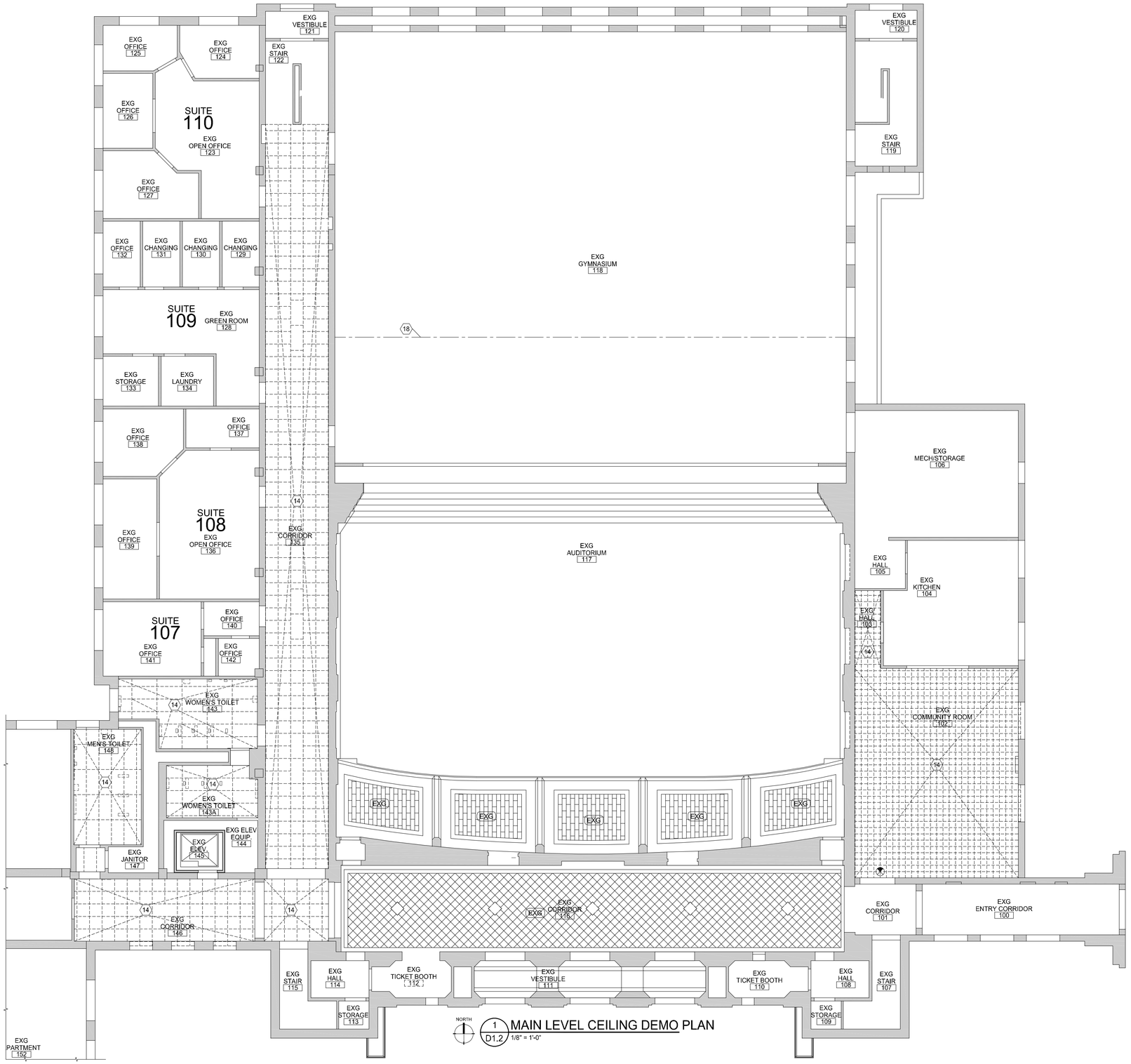
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DRAWING TITLE:

## UPPER LEVEL DEMOLITION PLAN

DRAWING NUMBER:

# D1.1




## DEMOLITION GENERAL NOTES

A. CONTRATOR TO VISIT THE SITE PRIOR TO BIDDING TO VERIFY EXG CONDITIONS; REPORT DISCREPANCIES TO ARCHITECT PRIOR TO BEGINNING WORK.
B. WHERE INDICATED FOR DEMOLITION, REMOVE ALL WALL, CEILING AND FLOOR FINISHES DOWN TO UNDERLYING STRUCTURE.
C. WHERE INDICATED FOR DEMOLITION, REMOVE EXG FLOORING INCLUSIVE OF ADHESIVE OR ATTACHMENT MATERIAL, DOWN TO BARE CONCRETE OR SUBFLOOR.
D. COORDINATE CEILING REMOVAL AS REQUIRED WITH MECHANICAL AND ELECTRICAL DEMOLITION.
E. SEE MECHANICAL AND ELECTRICAL FOR ADDITIONAL DEMOLITION.
F. IF STRUCTURAL MEMBERS ARE ENCOUNTERED DURING DEMOLITION, CONTACT ARCHITECT OR ENGINEER BEFORE PROCEEDING.
G. PROTECT EXG CONSTRUCTION TO REMAIN; REPAIR IF DAMAGED DURING DEMOLITION OF SURROUNDING CONSTRUCTION.
H. VERIFY EXG UTILITY LOCATIONS PRIOR TO STARTING DEMOLITION.
I. COORDINATE DISPOSAL OF DEMOLISHED ITEMS TO BE SALVAGED FOR OWNER.
J. SEE SHEET T1.0 FOR GRAPHIC SYMBOLS

## DEMOLITION PLAN KEY NOTES

1. EXG AUDITORIUM CHAIR REMOVAL BY OTHERS - TO BE COORDINATED BY THE OWNER.
2. DEMO CONCRETE FLOOR
3. DEMO DOOR AND FRAME
4. DEMO PLUMBING FIXTURE
5. DEMO CASEWORK/COUNTERTOPS
6. DEMO TOILET PARTITIONS
7. DEMO WINDOW ASSEMBLY
8. DEMO FLOOR FINISH
9. DEMO WALL FINISH
10. DEMO CONCRETE STAIR/STOOP
11. DEMO CONCRETE WALK/PAVING
12. DEMO WALL FOR NEW OPENING. SEE STRUCTURAL FOR LINTEL
13. DEMO TERRAZZO. PATCH & PREP FLOOR FOR NE W FINISH
14. DEMO ACT CLG TILE AND GRID THIS ROOM
15. DEMO MIRROR
16. SALVAGE BABY CHANGING STATION FOR RE-INSTALL
17. DEMO PLATFORM AND RAILINGS
18. DEMO GYM DIVIDER CURTAIN (CURTAIN ONLY). LEAVE RIGGING IN PLACE. VERIFY IF OWNER WISHES TO SALVAGE CURTAIN.

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# CENTRAL SQUARE REHABILITATION

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DRAWING TITLE:

CEILING DEMOLITION PLANS

DRAWING NUMBER:

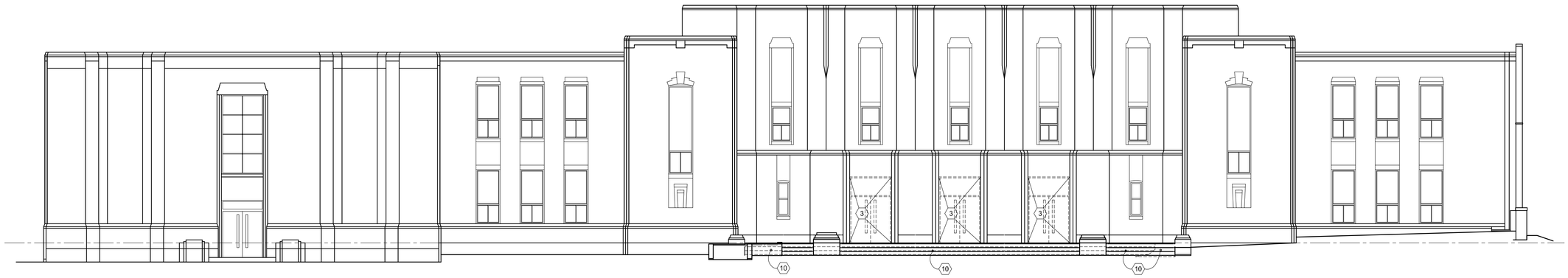
D1.2

## DEMOLITION GENERAL NOTES

A. CONTRATOR TO VISIT THE SITE PRIOR TO BIDDING TO VERIFY EXG CONDITIONS; REPORT DISCREPANCIES TO ARCHITECT PRIOR TO BEGINNING WORK.
B. WHERE INDICATED FOR DEMOLITION, REMOVE ALL WALL, CEILING AND FLOOR FINISHES DOWN TO UNDERLYING STRUCTURE.
C. WHERE INDICATED FOR DEMOLITION, REMOVE EXG FLOORING INCLUSIVE OF ADHESIVE OR ATTACHMENT MATERIAL, DOWN TO BARE CONCRETE OR SUBFLOOR.
D. COORDINATE CEILING REMOVAL AS REQUIRED WITH MECHANICAL AND ELECTRICAL DEMOLITION.
E. SEE MECHANICAL AND ELECTRICAL FOR ADDITIONAL DEMOLITION.
F. IF STRUCTURAL MEMBERS ARE ENCOUNTERED DURING DEMOLITION, CONTACT ARCHITECT OR ENGINEER BEFORE PROCEEDING.
G. PROTECT EXG CONSTRUCTION TO REMAIN; REPAIR IF DAMAGED DURING DEMOLITION OF SURROUNDING CONSTRUCTION.
H. VERIFY EXG UTILITY LOCATIONS PRIOR TO STARTING DEMOLITION.
I. COORDINATE DISPOSAL OF DEMOLISHED ITEMS TO BE SALVAGED FOR OWNER.
J. SEE SHEET T1.0 FOR GRAPHIC SYMBOLS

## DEMOLITION PLAN KEY NOTES

1. EXG AUDITORIUM CHAIR REMOVAL BY OTHERS - TO BE COORDINATED BY THE OWNER.
2. DEMO CONCRETE FLOOR
3. DEMO DOOR AND FRAME (INCLUDING TRANSOMS) *NOTE - EXG FRAMES ARE SLUGGED FULL WITH CONCRETE IN MANY LOCATIONS
4. DEMO PLUMBING FIXTURE
5. DEMO CASEWORK/COUNTERTOPS
6. DEMO TOILET PARTITIONS
7. DEMO WINDOW ASSEMBLY
8. DEMO FLOOR FINISH
9. DEMO WALL FINISH
10. DEMO CONCRETE STAIR/STOOP, INCLUDING PAVER AREAS
11. DEMO CONCRETE WALK/PAVING, INCLUDING PAVER AREAS
12. DEMO WALL FOR NEW OPENING. SEE STRUCTURAL FOR LINTEL
13. DEMO TERRAZZO. PATCH & PREP FLOOR FOR NEW FINISH
14. DEMO ACT CLG TILE AND GRID THIS ROOM
15. DEMO MIRROR
16. DEMO BABY CHANGING STATION
17. DEMO PLATFORM
18. ELECTRICAL SERVICE TO BE RE-ROUTED TO UNDERGROUND - SEE ELECTRICAL
19. DEMO STAIR / LOW WALL
20. DEMO RAILINGS. CAREFULLY REMOVE DECORATIVE END CAPS IN EXISTING RAIL AND SALVAGE TO OWNER. (4 TOTAL)
21. DEMO EXTERIOR RAILING
22. DEMO CONCRETE BALCONY FLOOR FOR MECHANICAL PENETRATION - VERIFY SIZE OF OPENING
23. DEMO EXG WALL BASE
24. DEMO CANOPY STRUCTURE, INCLUDING COLUMNS AND COLUMN FOOTING (RETAINING WALLS TO REMAIN)
25. DEMO ABOVE AND BELOW GRADE DRAIN TILE FROM STRUCTURE TO CURB. PATCH GROUND.
26. DEMO EXG GRATE IN WALL BELOW STAGE. FRAME IN OPENING AND PATCH TO MATCH ADJACENT WALL
27. SALVAGE EXISTING WOOD CABINET. MODIFY AS REQUIRED AND REINSTALL AS SHOWN.
28. SAW CUT FLOOR AS REQUIRED TO INSTALL SOLID SURFACE TRANSITION STRIP
29. SALVAGE EXISTING DOOR PUSH/PULLS FOR REINSTALLATION




1 D1.3 SOUTH ELEVATION
1/8" = 1'-0"




2 D1.3 NORTH ELEVATION
1/8" = 1'-0"

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# CENTRAL SQUARE REHABILITATION

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DRAWING TITLE:

EXTERIOR ELEVATIONS DEMO

DRAWING NUMBER:

D1.3

## CODE ANALYSIS

**1. CODE SUMMARY / APPLICABLE GOVERNING STANDARDS**

2020 Minnesota Building Code (2018 IBC with 2020 Minnesota Provisions)
2020 Minnesota Conservation Code for Existing Buildings
2020 Minnesota Accessibility Code
2024 Minnesota Commercial Energy Code
2020 Minnesota State Fire Code
Minnesota Electrical Code
2020 Minnesota Plumbing Code
2020 Minnesota Mechanical and Fuel Gas Codes

**2. PROJECT DESCRIPTION**

Proposed Project consists of remodeling existing mixed use community arts building. (DOES NOT INVOLVE CHANGE OF OCCUPANCY)
Includes reconfiguration of seating on main level of Auditorium (including replacement of concrete floor to improve accessibility)
Miscellaneous wall patching, painting, floor replacement, ceiling replacement.
Upgrades/remodel to existing toilet rooms for new finishes and to improve accessibility.
Replacement of some exterior entry doors and replacement of deteriorated exterior concrete steps and sidewalks.
Replacement of misc windows.
Mechanical includes reconfiguration of misc ductwork to improve air distribution and work related to toilet remodeling.
Electrical includes relocation of main overhead electrical service to underground and work related to remodeling.

Existing Building Information:
Existing occupancy: A-1 occupancy (Theater), A-3 (Gymnasium), B (Business), R-2 (apartments)
Existing construction type: Type II-A assumed
Existing building allowable area: unchanged
Existing building actual area: unchanged
Existing building is not protected with automatic sprinkler system.
Building height unchanged
Exiting unchanged.

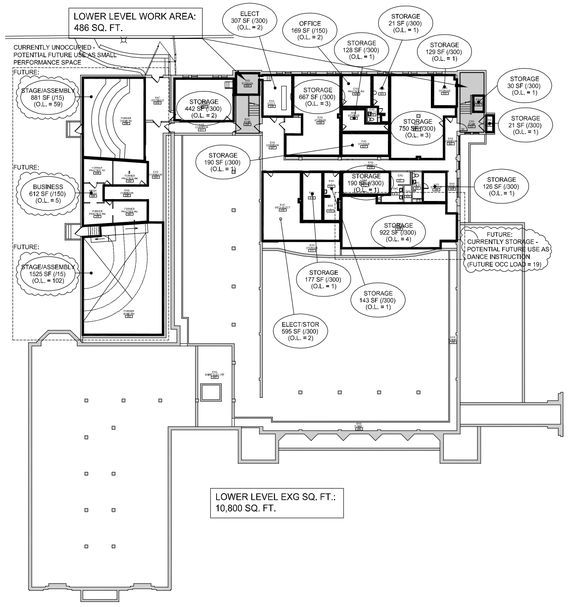
Occupant load: (not including residential wing)
Main Level: A = 669, B = 17
Upper Level: A = 339, B = 17 (+ 12 in church office space)
Lower Level: A = 28

MN Conservation Code for Existing Buildings (CCEB)
Portions of existing buildings undergoing maintenance, reconstruction or alterations shall be made accessible per MN rules Chapter 1341 (305)

**PRESCRIPTIVE COMPLIANCE METHOD (CHAPTER 5):**
Alterations - shall comply with the requirements of the IBC for new construction, and shall be such that the existing building or structure is not less complying with the provisions of the IBC than the existing building or structure was prior to the alteration. (503.1)

Structural design provided due to added catwalk in attic. (by alternate). Will review/address support for new theatrical lighting bar if accepted by alternate bid.

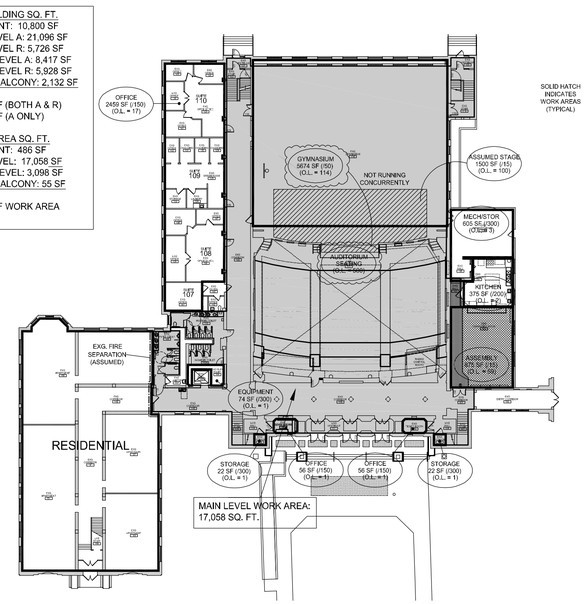
MN 2024 Energy Code: Alterations of existing buildings: alterations to conform to energy code as related to new construction without requiring the unaltered portion(s) of the existing building or building system to comply with this standard.
No building envelope alterations in this scope of work. (with the exception of misc door/window replacement)




NORTH 1 A1.0 CODE PLAN - LOWER LEVEL
1" = 30'-0"

EXG BUILDING SQ. FT.
BASEMENT: 10,800 SF
MAIN LEVEL A: 21,096 SF
MAIN LEVEL R: 5,726 SF
UPPER LEVEL A: 8,417 SF
UPPER LEVEL R: 5,928 SF
UP LVL BALCONY: 2,132 SF
TOTAL:
54,099 SF (BOTH A & R)
42,445 SF (A ONLY)

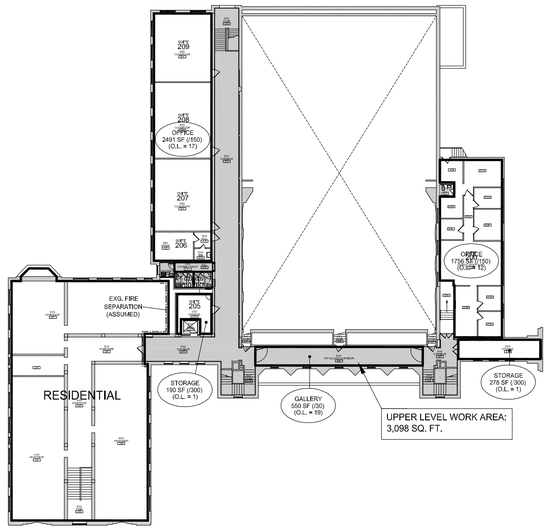
WORK AREA SQ. FT.
BASEMENT: 486 SF
MAIN LEVEL: 17,058 SF
UPPER LEVEL: 3,098 SF
UP LVL BALCONY: 55 SF
TOTAL:
20,697 SF WORK AREA



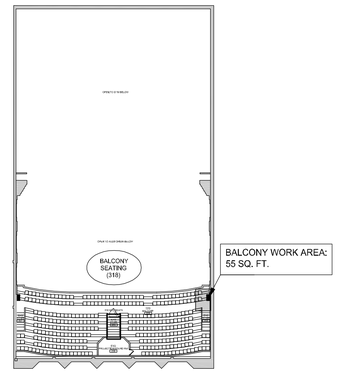

MAIN LEVEL EXG SQ. FT.:
21,096 SQ. FT. +
5,726 SQ. FT. (RESIDENTIAL)
26,822 SQ. FT. TOTAL

NORTH 2 A1.0 CODE PLAN - MAIN LEVEL
1" = 30'-0"

SOLID HATCH INDICATES WORK AREAS (TYPICAL)




UPPER LEVEL EXG SQ. FT.:
8,417 SQ. FT. +
2,132 SQ. FT. BALCONY +
5,928 SQ. FT. (RESIDENTIAL)
16,477 SQ. FT. TOTAL




NORTH 3 A1.0 CODE PLAN - UPPER LEVEL
1" = 30'-0"

NORTH 4 A1.0 CODE PLAN - BALCONY LEVEL
1" = 30'-0"

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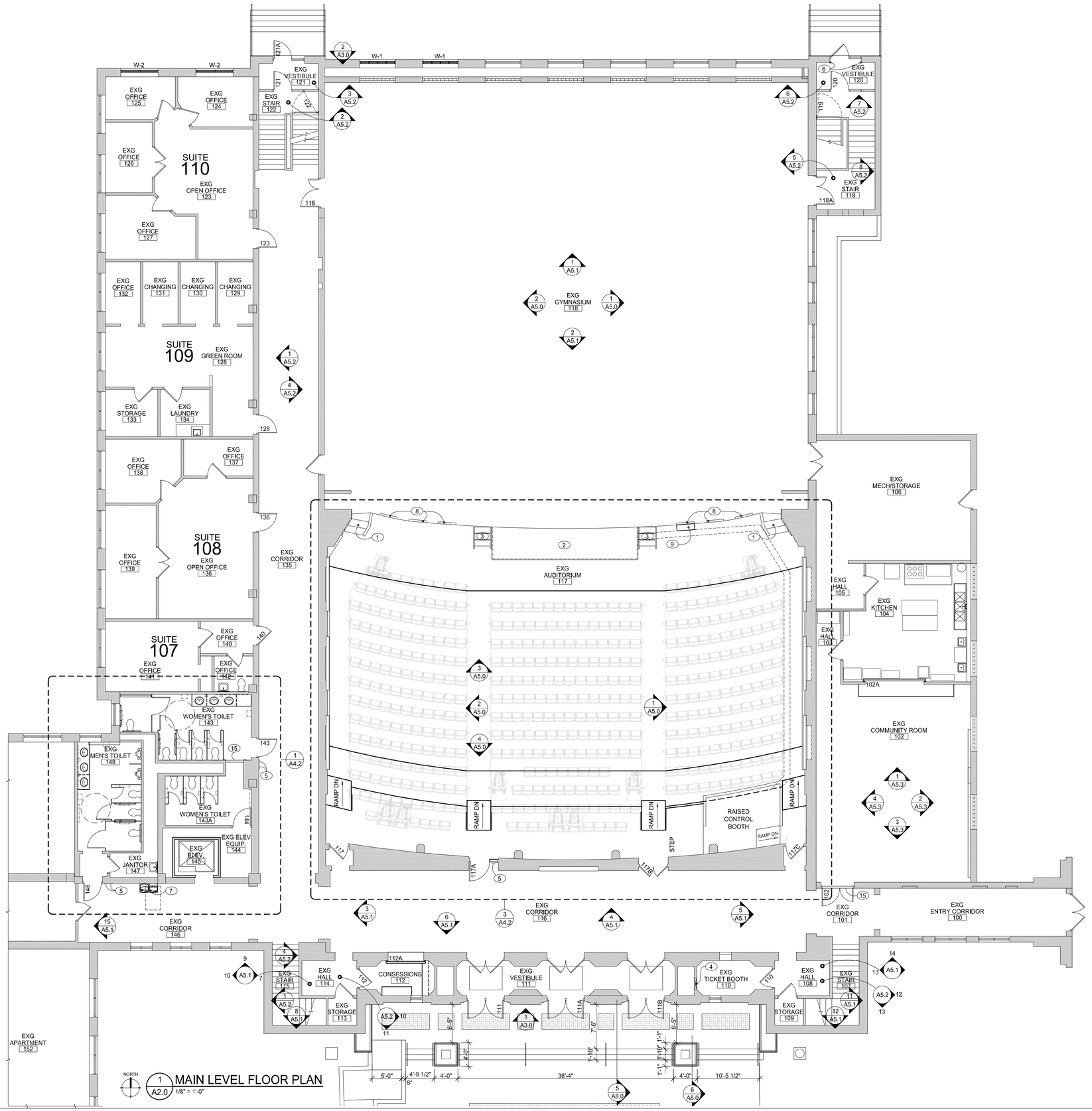
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DRAWING TITLE:

CODE PLAN & CODE ANALYSIS

DRAWING NUMBER:

A1.0




NORTH

1 A2.0 MAIN LEVEL FLOOR PLAN
1/8" = 1'-0"

## PLAN GENERAL NOTES

A. SEE MECHANICAL FOR EXTENT OF FLOOR CUTTING, PATCHING AND REPAIR RELATED TO PLUMBING.
B. SEE MECHANICAL AND ELECTRICAL FOR COORDINATION OF PATCHING EXISTING ABANDONED MECH/ELECT PENTRATIONS AND WALL OPENINGS. VERIFY ON SITE EXISTING OPENINGS TO BE PATCHED.
C. SEE INTERIOR ELEVATIONS FOR ADDITIONAL PLASTER REPAIR LOCATIONS

## FLOOR PLAN KEY NOTES

1. RECONSTRUCT STAIR / LOW WALL SIM. TO EXG (FOLLOWING PLACEMENT OF NEW CONCRETE FLOOR IN AUDITORIUM
2. NEW PORTABLE STAGE EXTENSION (BY OWNER)
3. NEW PORTABLE STAIRS (BY OWNER)
4. PATCH HOLE HIGH ON WALL (APPROX. 24" x 16"). PATCH FRAMING AND PLASTER TO MATCH ADJACENT WALL
5. INFORMATIONAL SIGNAGE - SEE SIGNAGE SPEC
6. PATCH/REPAIR PLASTER AT EXISTING DOOR JAMB
7. WATER COOLER
8. FRAME IN OPENING AT FRONT OF STAGE AND PATCH TO MATCH ADJACENT WALL
9. EXISTING CABINET MODIFIED AND RELOCATED. CUT BOTTOM OF EXISTING CABINET TO FIT UNDER STAGE EDGE
10. NEW CATWALK - SEE STRUCTURAL PLANS & ARCHITECTURAL DETAILS SHEET A8.0 - BY ADD ALTERNATE #2
11. NEW MECHANICAL HVAC - SEE MECH. PLANS
12. EXISTING WOOD CATWALK SYSTEM. REMOVE WOOD BOARD FLOOR & REPLACE WITH METAL GRATE FLOOR (GW75A) SCREW FASTEN WITH SADDLE CLIPS INTO EXISTING JOIST FRAMING. ADD INTERMEDIATE WOOD RAILING AND REINFORCE / SECURE EXISTING WOOD RAILS. (BASE BID)
WITH ADD ALTERNATE #2 - MODIFY EXISTING RAIL TO PROVIDE OPENING TO NEW CATWALK SYSTEM
13. PATCH FOUNDATION WALL AND EXTERIOR BRICK FACE (TO MATCH ADJACENT) WHERE HVAC UNIT INTAKE IS REMOVED
14. PATCH WALLS (TO MATCH ADJACENT) WHERE HYDRONIC PIPING IS REMOVED
15. SOLID SURFACE TRANSITION STRIP
16. INFILL OPENING TO MATCH EXISTING CONSTRUCTION

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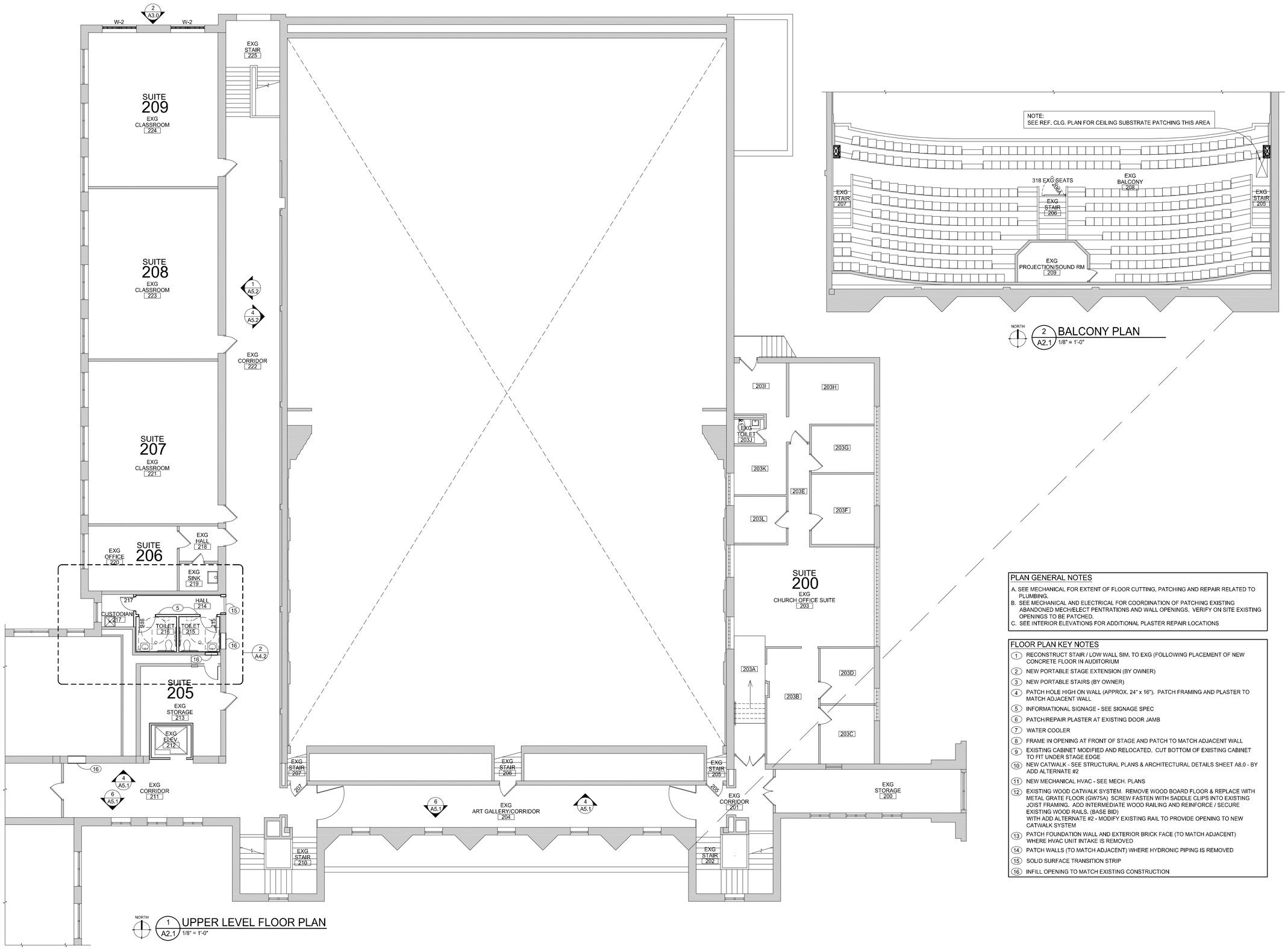
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DRAWING TITLE:

FLOOR PLAN
MAIN LEVEL

DRAWING NUMBER:

A2.0







## PLAN GENERAL NOTES

A. SEE MECHANICAL FOR EXTENT OF FLOOR CUTTING, PATCHING AND REPAIR RELATED TO PLUMBING.
B. SEE MECHANICAL AND ELECTRICAL FOR COORDINATION OF PATCHING EXISTING ABANDONED MECH/ELECT PENTRATIONS AND WALL OPENINGS. VERIFY ON SITE EXISTING OPENINGS TO BE PATCHED.
C. SEE INTERIOR ELEVATIONS FOR ADDITIONAL PLASTER REPAIR LOCATIONS

## FLOOR PLAN KEY NOTES

1. RECONSTRUCT STAIR / LOW WALL SIM. TO EXG (FOLLOWING PLACEMENT OF NEW CONCRETE FLOOR IN AUDITORIUM
2. NEW PORTABLE STAGE EXTENSION (BY OWNER)
3. NEW PORTABLE STAIRS (BY OWNER)
4. PATCH HOLE HIGH ON WALL (APPROX. 24" x 16"). PATCH FRAMING AND PLASTER TO MATCH ADJACENT WALL
5. INFORMATIONAL SIGNAGE - SEE SIGNAGE SPEC
6. PATCH/REPAIR PLASTER AT EXISTING DOOR JAMB
7. WATER COOLER
8. FRAME IN OPENING AT FRONT OF STAGE AND PATCH TO MATCH ADJACENT WALL
9. EXISTING CABINET MODIFIED AND RELOCATED. CUT BOTTOM OF EXISTING CABINET TO FIT UNDER STAGE EDGE
10. NEW CATWALK - SEE STRUCTURAL PLANS & ARCHITECTURAL DETAILS SHEET A8.0 - BY ADD ALTERNATE #2
11. NEW MECHANICAL HVAC - SEE MECH. PLANS
12. EXISTING WOOD CATWALK SYSTEM. REMOVE WOOD BOARD FLOOR & REPLACE WITH METAL GRATE FLOOR (GW75A) SCREW FASTEN WITH SADDLE CLIPS INTO EXISTING JOIST FRAMING. ADD INTERMEDIATE WOOD RAILING AND REINFORCE / SECURE EXISTING WOOD RAILS. (BASE BID)
    WITH ADD ALTERNATE #2 - MODIFY EXISTING RAIL TO PROVIDE OPENING TO NEW CATWALK SYSTEM
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16. INFILL OPENING TO MATCH EXISTING CONSTRUCTION

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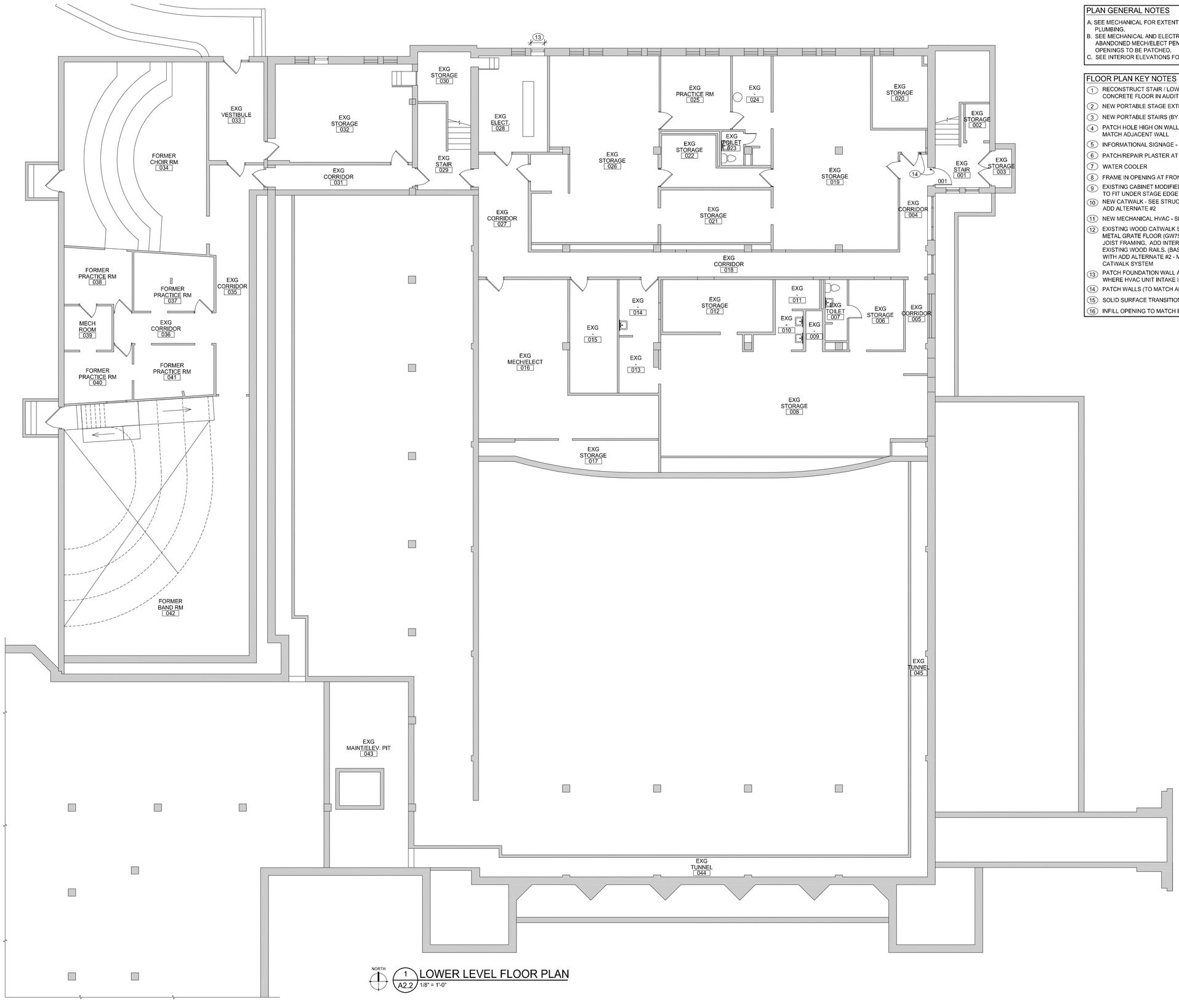
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DRAWING TITLE:

FLOOR PLAN
UPPER LEVEL

DRAWING NUMBER:

A2.1




## PLAN GENERAL NOTES

A. SEE MECHANICAL FOR EXTENT OF FLOOR CUTTING, PATCHING AND REPAIR RELATED TO PLUMBING.
B. SEE MECHANICAL AND ELECTRICAL FOR COORDINATION OF PATCHING EXISTING ABANDONED MECH/ELECT PENTRATIONS AND WALL OPENINGS. VERIFY ON SITE EXISTING OPENINGS TO BE PATCHED.
C. SEE INTERIOR ELEVATIONS FOR ADDITIONAL PLASTER REPAIR LOCATIONS

## FLOOR PLAN KEY NOTES

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2. NEW PORTABLE STAGE EXTENSION (BY OWNER)
3. NEW PORTABLE STAIRS (BY OWNER)
4. PATCH HOLE HIGH ON WALL (APPROX. 24" x 16"). PATCH FRAMING AND PLASTER TO MATCH ADJACENT WALL
5. INFORMATIONAL SIGNAGE - SEE SIGNAGE SPEC
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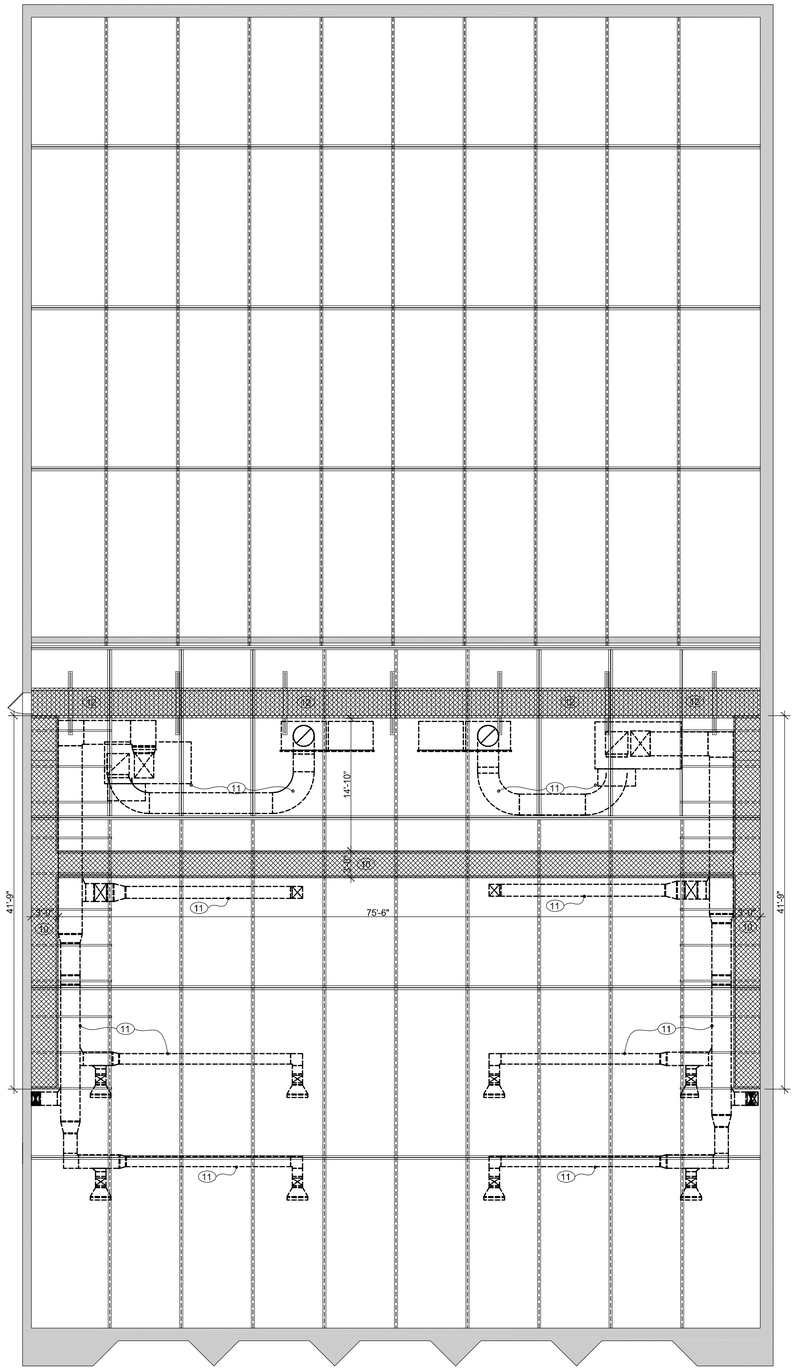
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DRAWING TITLE:

FLOOR PLAN
LOWER LEVEL

DRAWING NUMBER:

A2.2




1 A2.3 AUDITORIUM &/ GYM ATTIC PLAN
1/8" = 1'-0"

## PLAN GENERAL NOTES

A. SEE MECHANICAL FOR EXTENT OF FLOOR CUTTING, PATCHING AND REPAIR RELATED TO PLUMBING.
B. SEE MECHANICAL AND ELECTRICAL FOR COORDINATION OF PATCHING EXISTING ABANDONED MECH/ELECT PENTRATIONS AND WALL OPENINGS. VERIFY ON SITE EXISTING OPENINGS TO BE PATCHED.
C. SEE INTERIOR ELEVATIONS FOR ADDITIONAL PLASTER REPAIR LOCATIONS

## FLOOR PLAN KEY NOTES

1. RECONSTRUCT STAIR / LOW WALL SIM. TO EXG (FOLLOWING PLACEMENT OF NEW CONCRETE FLOOR IN AUDITORIUM
2. NEW PORTABLE STAGE EXTENSION (BY OWNER)
3. NEW PORTABLE STAIRS (BY OWNER)
4. PATCH HOLE HIGH ON WALL (APPROX. 24" x 16"). PATCH FRAMING AND PLASTER TO MATCH ADJACENT WALL
5. INFORMATIONAL SIGNAGE - SEE SIGNAGE SPEC
6. PATCH/REPAIR PLASTER AT EXISTING DOOR JAMB
7. WATER COOLER
8. FRAME IN OPENING AT FRONT OF STAGE AND PATCH TO MATCH ADJACENT WALL
9. EXISTING CABINET MODIFIED AND RELOCATED. CUT BOTTOM OF EXISTING CABINET TO FIT UNDER STAGE EDGE
10. NEW CATWALK - SEE STRUCTURAL PLANS & ARCHITECTURAL DETAILS SHEET A8.0 - BY ADD ALTERNATE #2
11. NEW MECHANICAL HVAC - SEE MECH. PLANS
12. EXISTING WOOD CATWALK SYSTEM. REMOVE WOOD BOARD FLOOR & REPLACE WITH METAL GRATE FLOOR (GW75A) SCREW FASTEN WITH SADDLE CLIPS INTO EXISTING JOIST FRAMING. ADD INTERMEDIATE WOOD RAILING AND REINFORCE / SECURE EXISTING WOOD RAILS. (BASE BID)
    WITH ADD ALTERNATE #2 - MODIFY EXISTING RAIL TO PROVIDE OPENING TO NEW CATWALK SYSTEM
13. PATCH FOUNDATION WALL AND EXTERIOR BRICK FACE (TO MATCH ADJACENT) WHERE HVAC UNIT INTAKE IS REMOVED
14. PATCH WALLS (TO MATCH ADJACENT) WHERE HYDRONIC PIPING IS REMOVED
15. SOLID SURFACE TRANSITION STRIP
16. INFILL OPENING TO MATCH EXISTING CONSTRUCTION

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CENTRAL SQUARE
REHABILITATION

105 SECOND AVE NE
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STEPHANIE J. HOWE
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DRAWING TITLE:

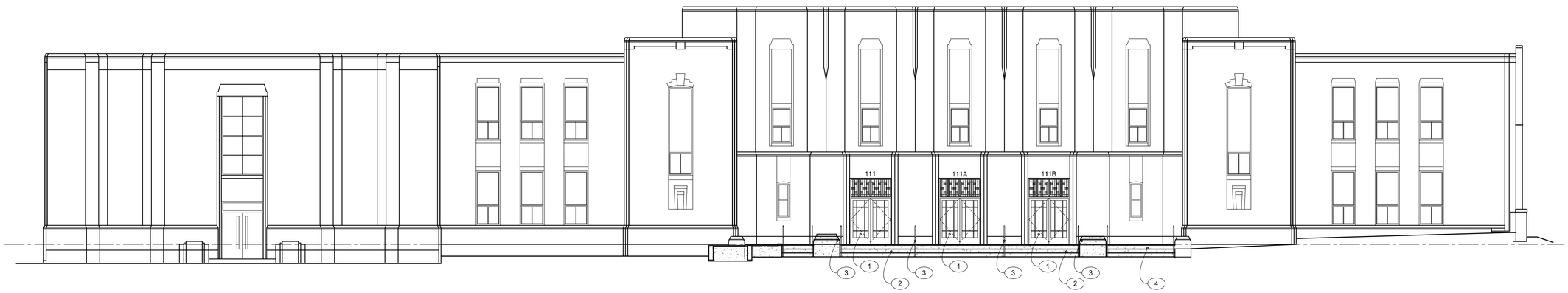
AUDITORIUM & GYM
ATTIC PLAN

DRAWING NUMBER:

A2.3

MATERIALS KEY

1. ALUM DOOR, FRAME, TRANSOM
2. CONCRETE STAIR / LANDING
3. 1-1/2" DIA. STEEL HANDRAILS (PAINTED)
4. CONCRETE ACCESSIBLE WALK (1:20 MAX)
5. ALUMINUM WINDOW ASSEMBLY
6. GRADE AREA, SLOPE AWAY FROM BUILDING, PROVIDE 6" BLACK DIRT, SEED AND ESTABLISH TURF
7. PATCH WALL, BLOCKING AND WALL CAP FLASHING TO MATCH ADJACENT
8. CLEAN EXISTING BRICK/WALL WHERE FLASHING REMOVED




1 A3.0 SOUTH ELEVATION
1/8" = 1'-0"




2 A3.0 NORTH ELEVATION
1/8" = 1'-0"

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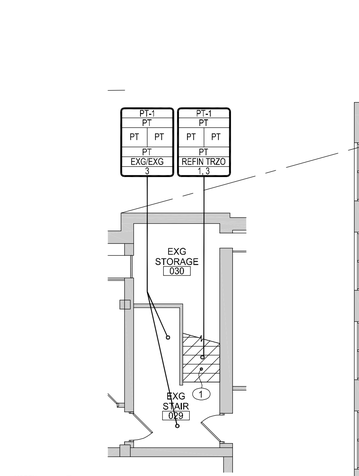
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DRAWING TITLE:

EXTERIOR ELEVATIONS

DRAWING NUMBER:

A3.0




NORTH

2 A4.0 FINISH PLAN - LOWER LEVEL

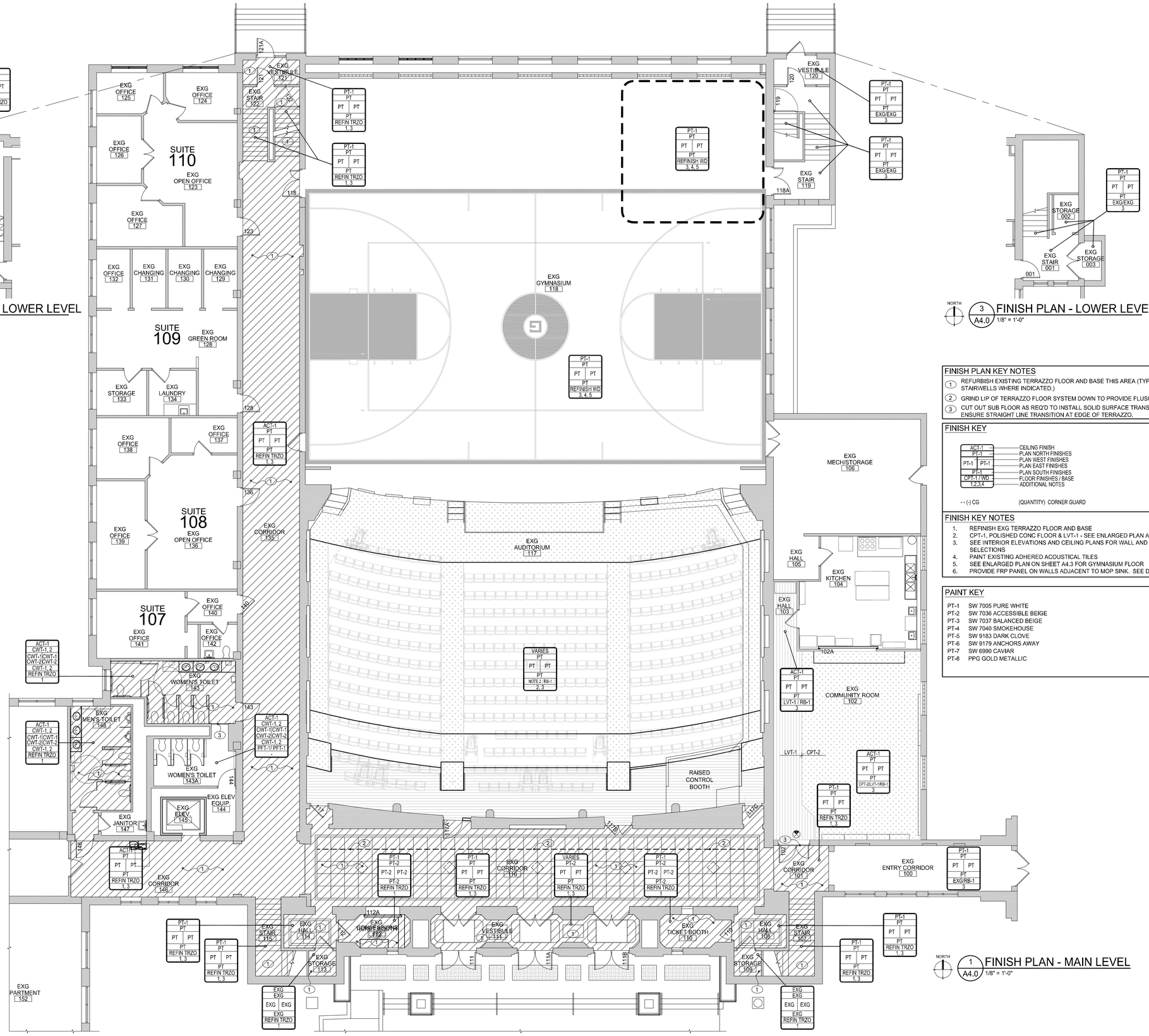
1/8" = 1'-0"




NORTH

3 A4.0 FINISH PLAN - LOWER LEVEL

1/8" = 1'-0"




## FINISH PLAN KEY NOTES

1. REFURBISH EXISTING TERRAZZO FLOOR AND BASE THIS AREA (TYP). (INCLUDING STAIRWELLS WHERE INDICATED.)
2. GRIND LIP OF TERRAZZO FLOOR SYSTEM DOWN TO PROVIDE FLUSH FLOOR
3. CUT OUT SUB FLOOR AS REQ'D TO INSTALL SOLID SURFACE TRANSITION STRIP. ENSURE STRAIGHT LINE TRANSITION AT EDGE OF TERRAZZO.

## FINISH KEY

| | |
|---|---|
| ACT-1 | CEILING FINISH |
| PT-1 | PLAN NORTH FINISHES |
| PT-1 PT-1 | PLAN WEST FINISHES / PLAN EAST FINISHES |
| PT-1 | PLAN SOUTH FINISHES |
| CPT-1 / WD | FLOOR FINISHES / BASE |
| 1,2,3,4 | ADDITIONAL NOTES |

(-) CG (QUANTITY) CORNER GUARD

## FINISH KEY NOTES

1. REFINISH EXG TERRAZZO FLOOR AND BASE
2. CPT-1, POLISHED CONC FLOOR & LVT-1 - SEE ENLARGED PLAN A4.2
3. SEE INTERIOR ELEVATIONS AND CEILING PLANS FOR WALL AND CEILING PAINT SELECTIONS
4. PAINT EXISTING ADHERED ACOUSTICAL TILES
5. SEE ENLARGED PLAN ON SHEET A4.3 FOR GYMNASIUM FLOOR
6. PROVIDE FRP PANEL ON WALLS ADJACENT TO MOP SINK. SEE DETAIL 17/A8.0

## PAINT KEY

| | |
|---|---|
| PT-1 | SW 7005 PURE WHITE |
| PT-2 | SW 7036 ACCESSIBLE BEIGE |
| PT-3 | SW 7037 BALANCED BEIGE |
| PT-4 | SW 7040 SMOKEHOUSE |
| PT-5 | SW 9183 DARK CLOVE |
| PT-6 | SW 9179 ANCHORS AWAY |
| PT-7 | SW 6990 CAVIAR |
| PT-8 | PPG GOLD METALLIC |

NORTH

1 A4.0 FINISH PLAN - MAIN LEVEL

1/8" = 1'-0"


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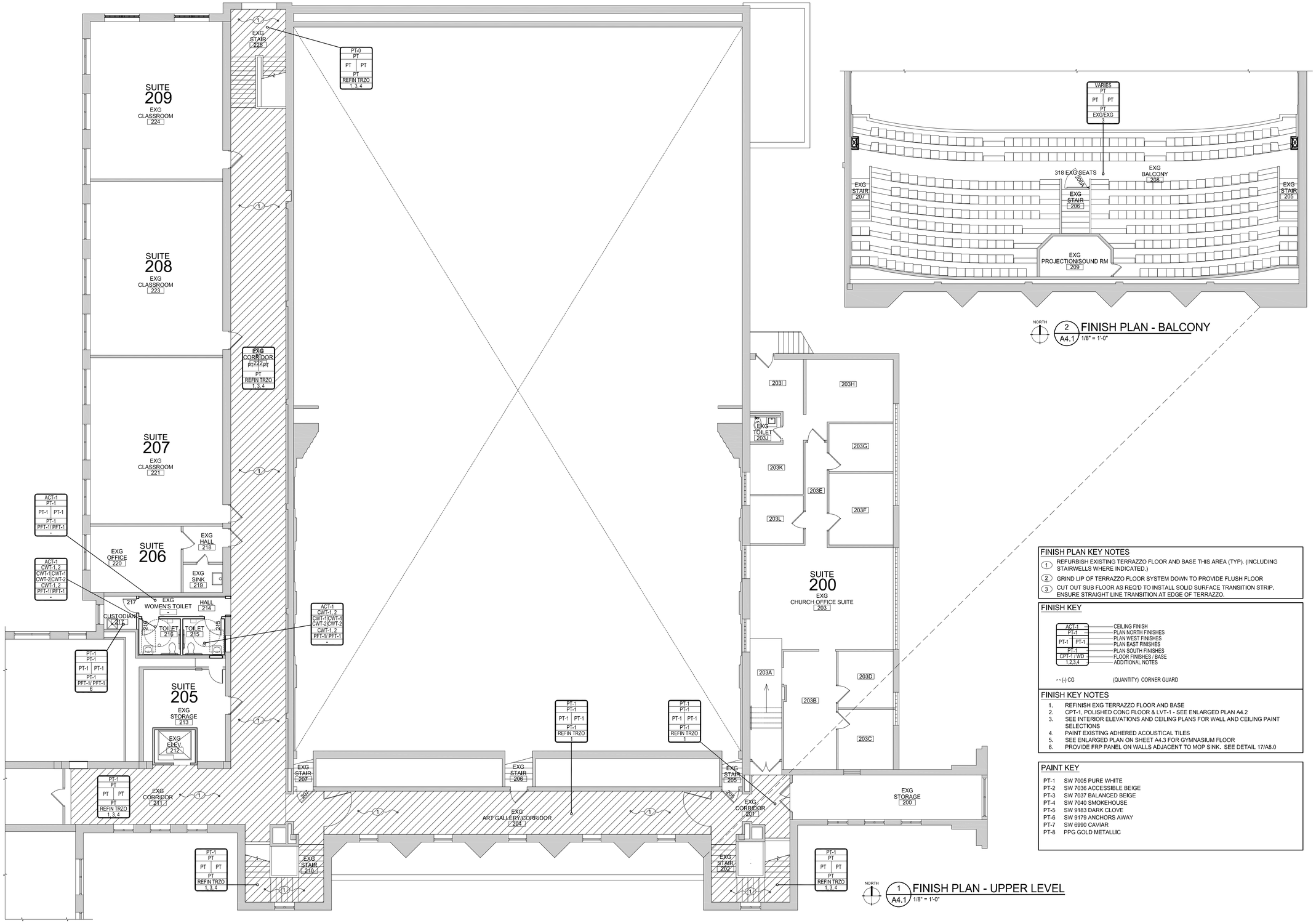
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DRAWING TITLE:

FINISH PLAN
MAIN LEVEL

DRAWING NUMBER:

A4.0




## FINISH PLAN KEY NOTES

1. REFURBISH EXISTING TERRAZZO FLOOR AND BASE THIS AREA (TYP). (INCLUDING STAIRWELLS WHERE INDICATED.)
2. GRIND LIP OF TERRAZZO FLOOR SYSTEM DOWN TO PROVIDE FLUSH FLOOR
3. CUT OUT SUB FLOOR AS REQ'D TO INSTALL SOLID SURFACE TRANSITION STRIP. ENSURE STRAIGHT LINE TRANSITION AT EDGE OF TERRAZZO.

## FINISH KEY

| | |
|---|---|
| ACT-1 | CEILING FINISH |
| PT-1 | PLAN NORTH FINISHES |
| PT-1 PT-1 | PLAN WEST FINISHES |
| | PLAN EAST FINISHES |
| PT-1 | PLAN SOUTH FINISHES |
| CPT-1 / WD | FLOOR FINISHES / BASE |
| 1,2,3,4 | ADDITIONAL NOTES |

* * (-) CG (QUANTITY) CORNER GUARD

## FINISH KEY NOTES

1. REFINISH EXG TERRAZZO FLOOR AND BASE
2. CPT-1, POLISHED CONC FLOOR & LVT-1 - SEE ENLARGED PLAN A4.2
3. SEE INTERIOR ELEVATIONS AND CEILING PLANS FOR WALL AND CEILING PAINT SELECTIONS
4. PAINT EXISTING ADHERED ACOUSTICAL TILES
5. SEE ENLARGED PLAN ON SHEET A4.3 FOR GYMNASIUM FLOOR
6. PROVIDE FRP PANEL ON WALLS ADJACENT TO MOP SINK. SEE DETAIL 17/A8.0

## PAINT KEY

| | |
|---|---|
| PT-1 | SW 7005 PURE WHITE |
| PT-2 | SW 7036 ACCESSIBLE BEIGE |
| PT-3 | SW 7037 BALANCED BEIGE |
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| PT-6 | SW 9179 ANCHORS AWAY |
| PT-7 | SW 6990 CAVIAR |
| PT-8 | PPG GOLD METALLIC |

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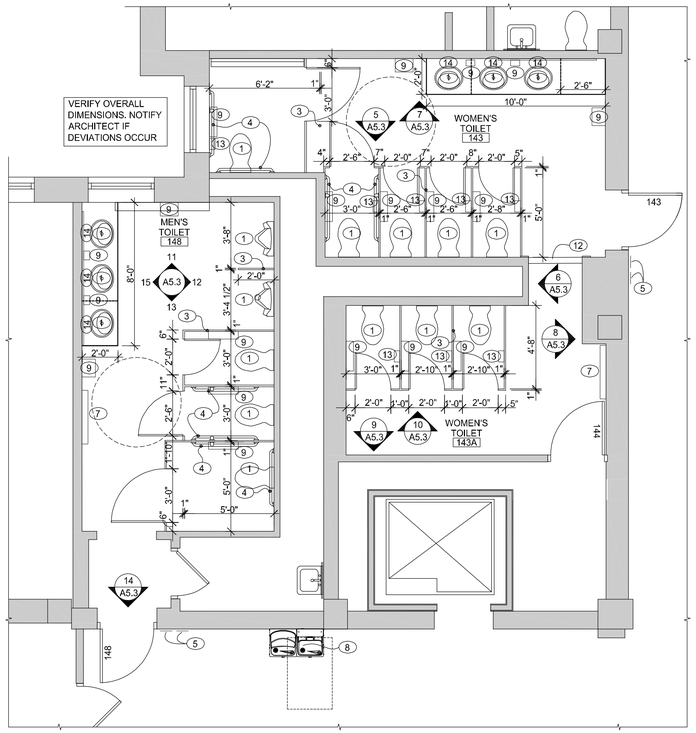
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DRAWING TITLE:

FINISH PLAN
UPPER LEVEL

DRAWING NUMBER:

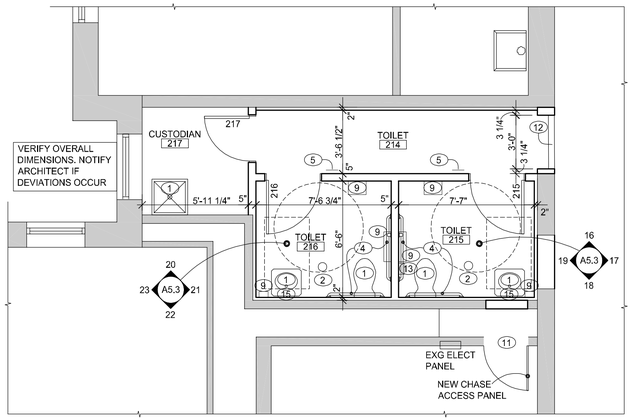
A4.1




NORTH

1 A4.2 ENLARGED FLOOR PLAN - MAIN LEVEL TOILETS

1/4" = 1'-0"

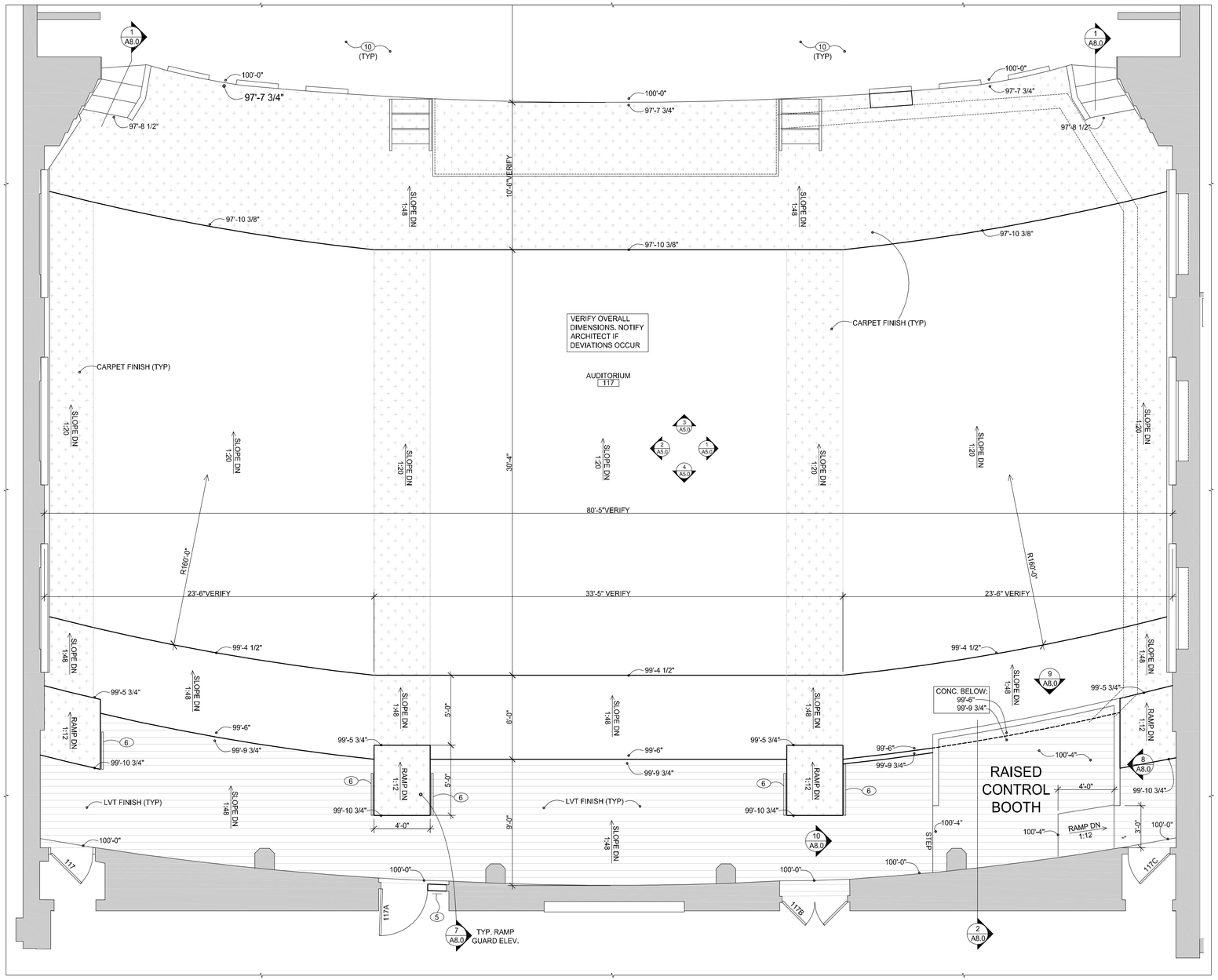



NORTH

2 A4.2 ENLARGED FLOOR PLAN - UPPER LEVEL TOILETS

1/4" = 1'-0"

| FLOOR PLAN KEY NOTES | |
|---|---|
| 1 | PLUMBING FIXTURE BY M.C. - SEE MECHANICAL |
| 2 | FLOOR DRAIN - VERIFY WITH M.C. |
| 3 | TOILET PARTITION |
| 4 | GRAB BAR |
| 5 | INFORMATIONAL SIGNAGE - SEE SIGNAGE SPEC |
| 6 | RAILING - SEE DETAIL 7/A8.0 |
| 7 | BABY CHANGING STATION |
| 8 | WATER COOLER |
| 9 | PAPER TOWEL, HAND SOAP OR TOILET PAPER DISPENSERS (BY OWNER, INSTALLED BY CTR) |
| 10 | REFINISH GYM AND STAGE WOOD FLOOR. SEE PLAN NOTES FOR ADDITIONAL INFO. |
| 11 | 30"x30" ACCESS PANEL. MOUNT 48" TO TOP. |
| 12 | SOLID SURFACE TRANSITION STRIP |
| 13 | SANITARY NAPKIN DISPOSAL |
| 14 | 24x36 MIRROR |
| 15 | 24x36 MIRROR w/ SHELF |




NORTH

3 A4.2 ENLARGED FLOOR PLAN - SOUTH AUDITORIUM

1/4" = 1'-0"


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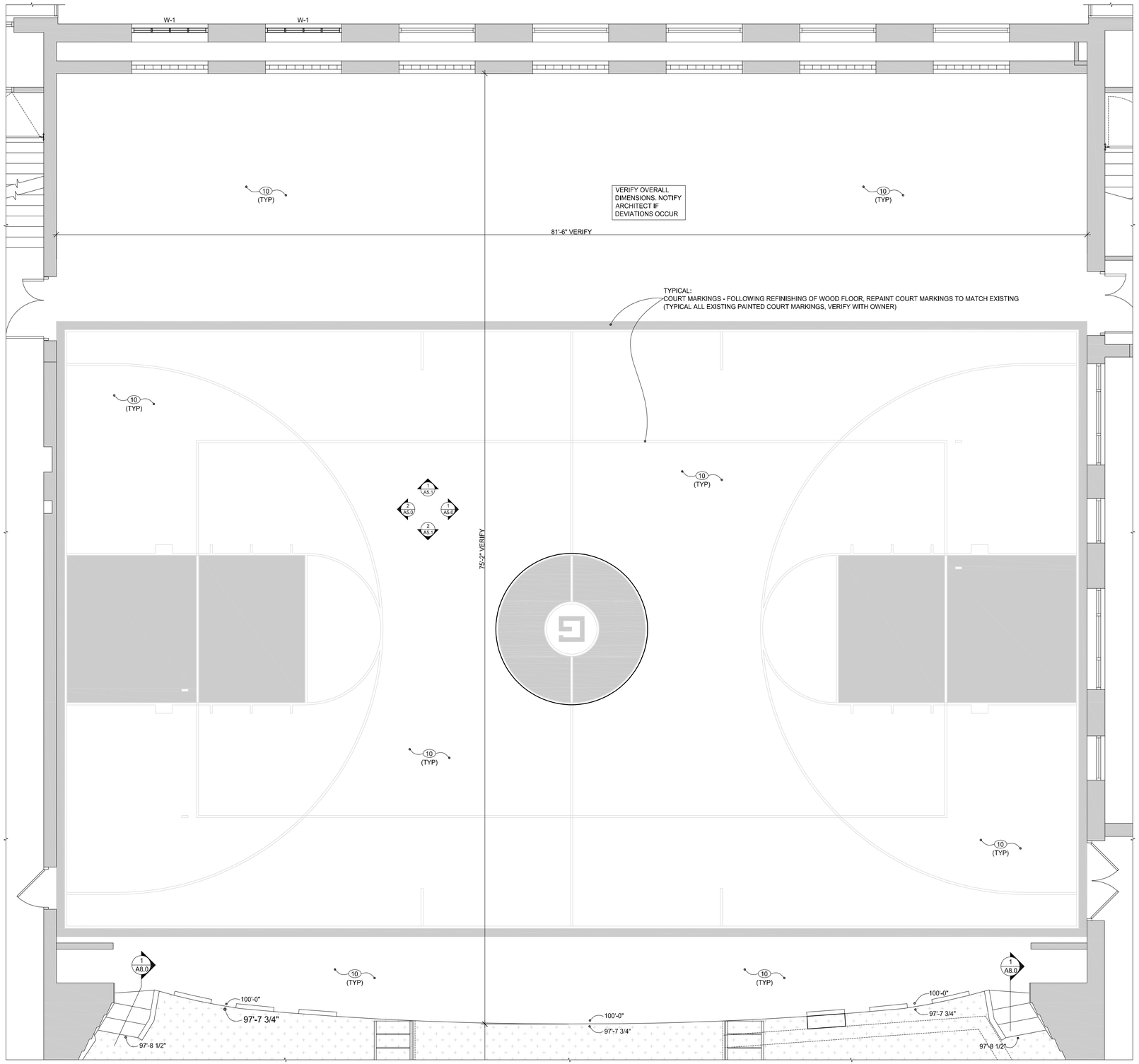
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DRAWING TITLE:

ENLARGED PLANS

DRAWING NUMBER:

A4.2




NORTH

1 / A4.3 ENLARGED FLOOR PLAN - GYMNASIUM / STAGE FLOOR REFINISHING / MARKINGS

1/4" = 1'-0"

## FLOOR PLAN KEY NOTES

1. PLUMBING FIXTURE BY M.C. - SEE MECHANICAL
2. FLOOR DRAIN - VERIFY WITH M.C.
3. TOILET PARTITION
4. GRAB BAR
5. INFORMATIONAL SIGNAGE - SEE SIGNAGE SPEC
6. RAILING - SEE DETAIL 7/A8.0
7. BABY CHANGING STATION
8. WATER COOLER
9. PAPER TOWEL, HAND SOAP OR TOILET PAPER DISPENSERS (BY OWNER, INSTALLED BY CTR)
10. REFINISH GYM AND STAGE WOOD FLOOR. SEE PLAN NOTES FOR ADDITIONAL INFO.
11. 30"x30" ACCESS PANEL, MOUNT 48" TO TOP.
12. SOLID SURFACE TRANSITION STRIP
13. SANITARY NAPKIN DISPOSAL
14. 24x36 MIRROR
15. 24x36 MIRROR w/ SHELF

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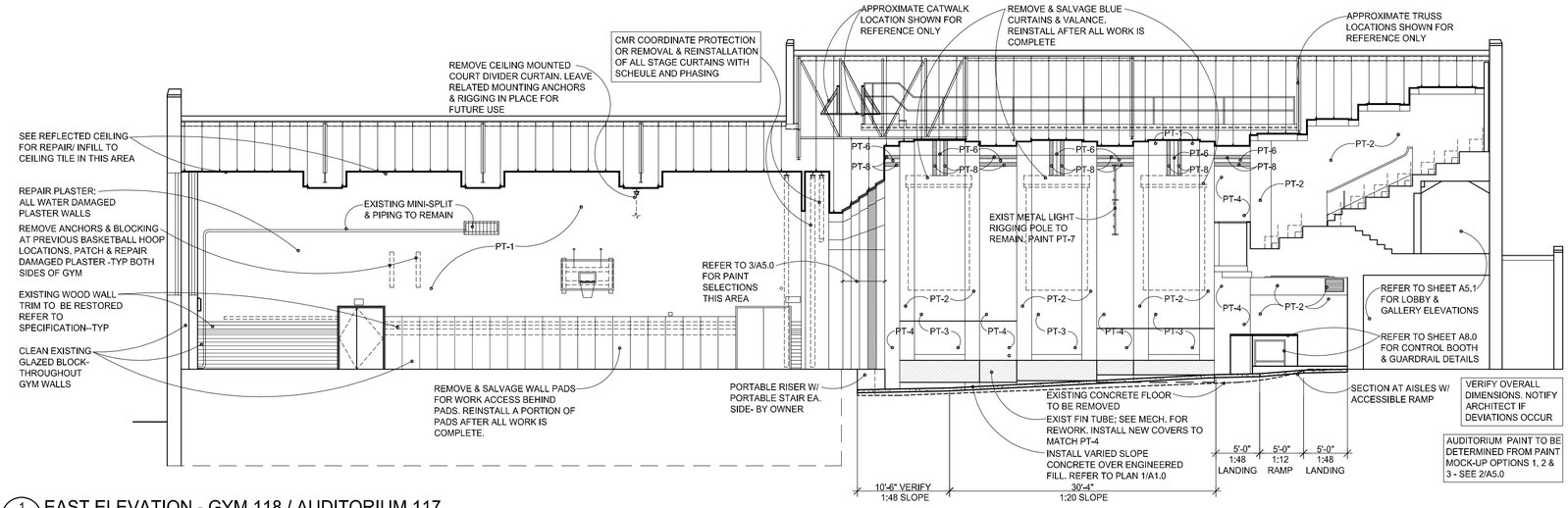
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ENLARGED PLANS

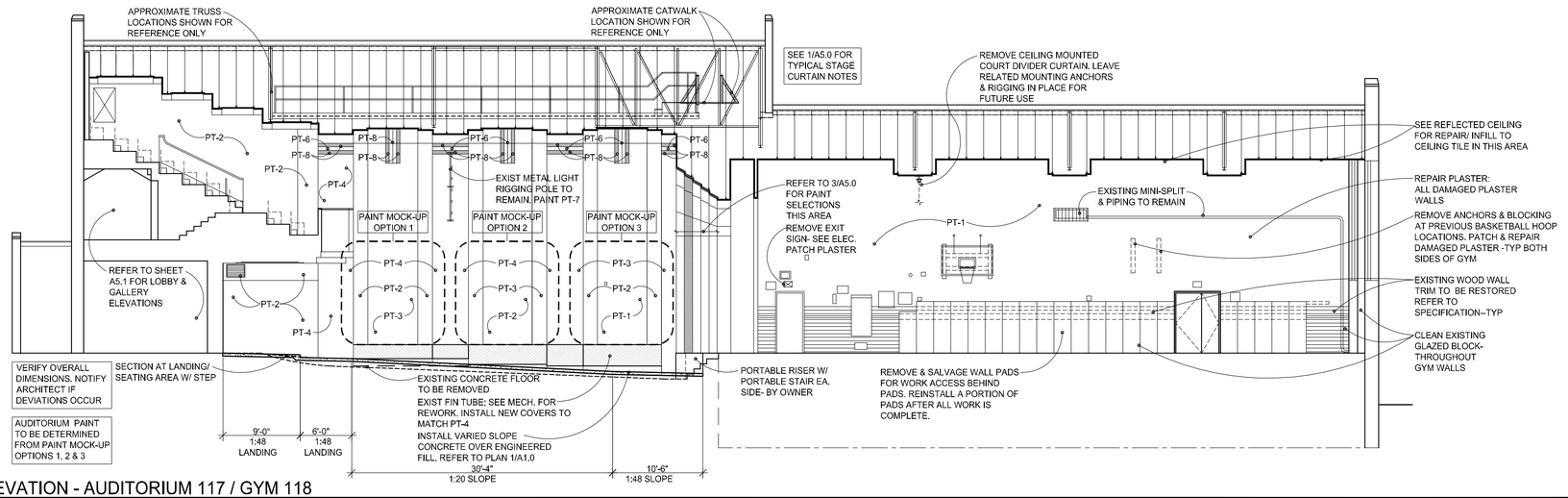
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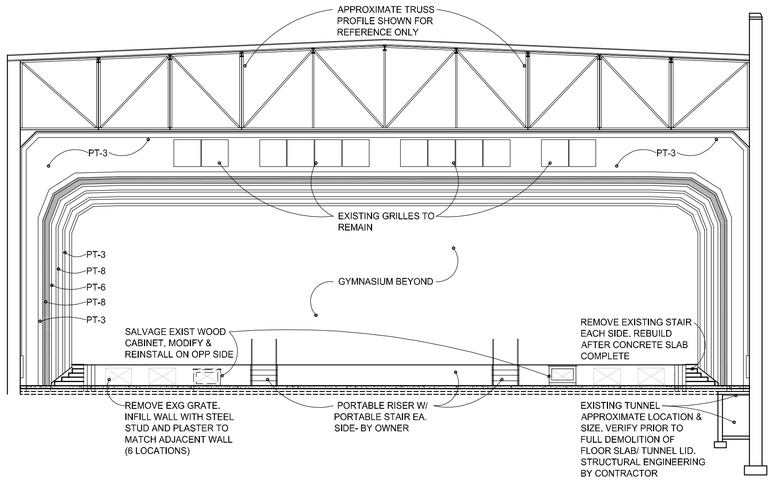

1 A5.0 1/8" = 1'-0"

## EAST ELEVATION - GYM 118 / AUDITORIUM 117



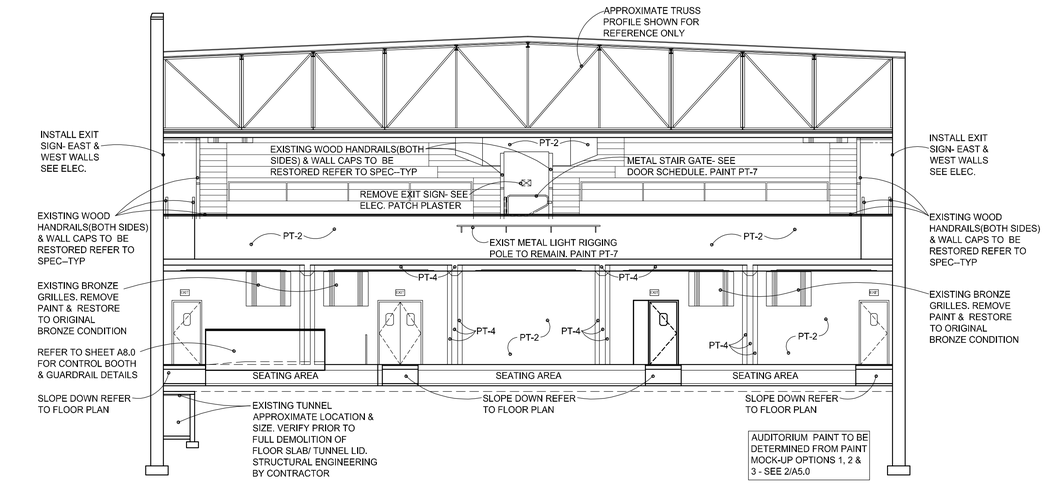

2 A5.0 1/8" = 1'-0"

## WEST ELEVATION - AUDITORIUM 117 / GYM 118




3 A5.0 1/8" = 1'-0"

## NORTH ELEVATION - AUDITORIUM 117




4 A5.0 1/8" = 1'-0"

## SOUTH ELEVATION - AUDITORIUM 117

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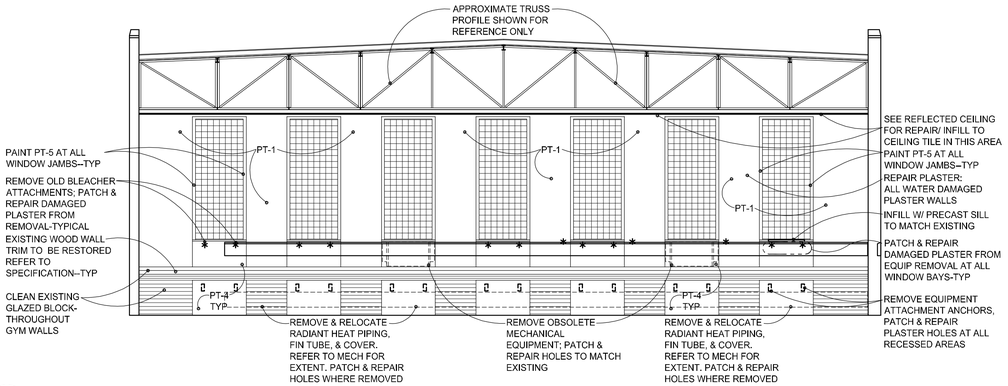
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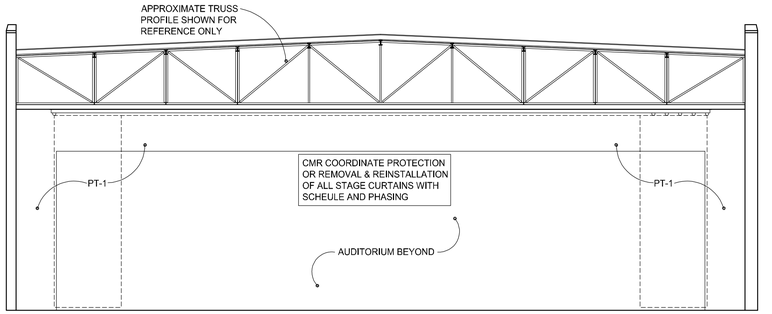
INTERIOR ELEVATIONS

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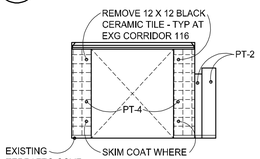
A5.0



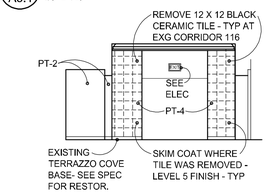

## 1 A5.1 NORTH ELEVATION - GYM 118
1/8" = 1'-0"

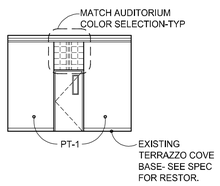



## 2 A5.1 SOUTH ELEVATION - GYM 118
1/8" = 1'-0"

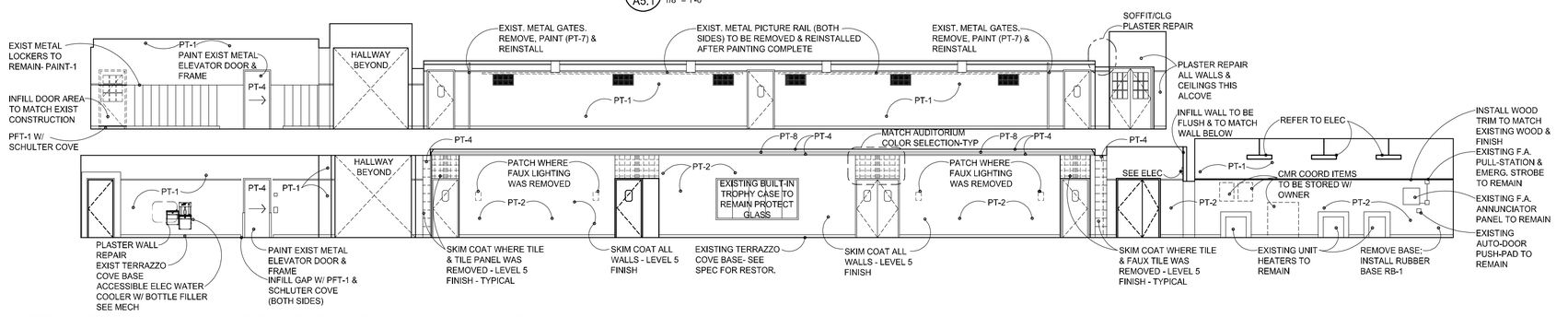



## 3 A5.1 WEST ELEVATION - MAIN LOBBY CORRIDOR 116
1/8" = 1'-0"

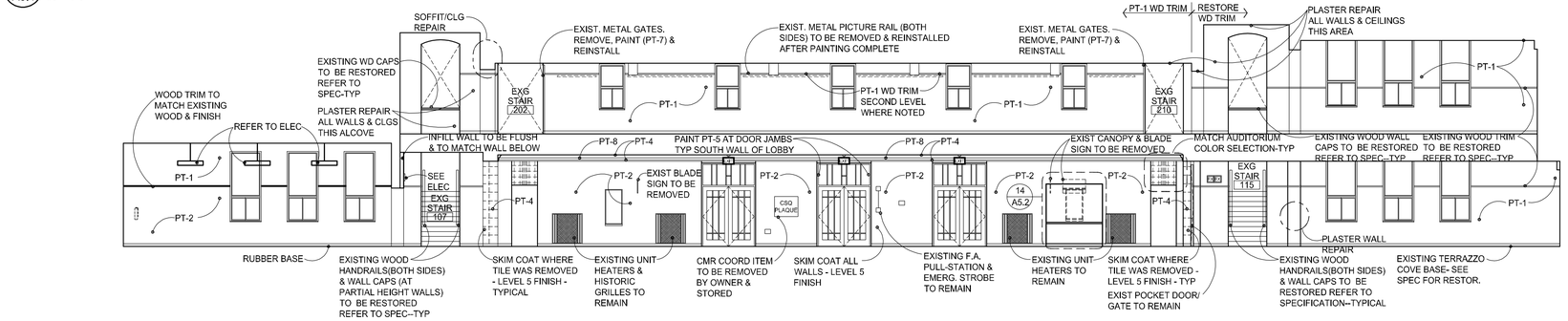


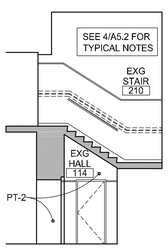

## 15 A5.1 WEST ELEVATION - CORRIDOR 146
1/8" = 1'-0"



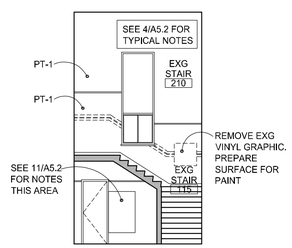

## 4 A5.1 NORTH ELEVATION - MAIN LOBBY CORRIDOR 146 / 116 / 101 / 100, 211 / 204 / 201
1/8" = 1'-0"



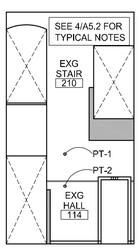

## 6 A5.1 SOUTH ELEVATION - MAIN LOBBY CORRIDOR 100 / 101 / 116 / 146, 201 / 204 / 211
1/8" = 1'-0"



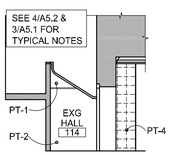

## 7 A5.1 EAST ELEVATION - SOUTHWEST STAIR
1/8" = 1'-0"



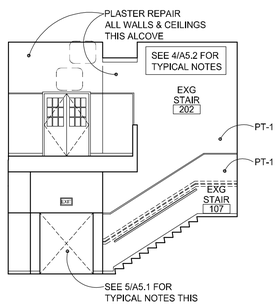

## 8 A5.1 SOUTH ELEVATION - SOUTHWEST STAIR
1/8" = 1'-0"



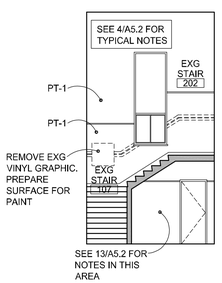

## 9 A5.1 NORTH ELEVATION - SOUTHWEST STAIR
1/8" = 1'-0"



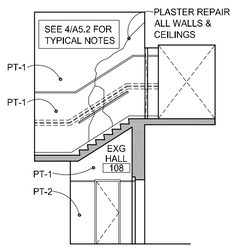

## 10 A5.1 WEST ELEVATION - SOUTHWEST STAIR
1/8" = 1'-0"



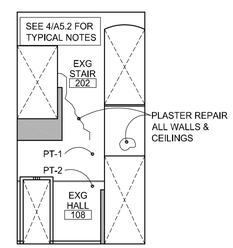

## 11 A5.1 EAST ELEVATION - SOUTHEAST STAIR
1/8" = 1'-0"




## 12 A5.1 SOUTH ELEVATION - SOUTHEAST STAIR
1/8" = 1'-0"




## 13 A5.1 WEST ELEVATION - SOUTHEAST STAIR
1/8" = 1'-0"




## 14 A5.1 NORTH ELEVATION - SOUTHEAST STAIR
1/8" = 1'-0"

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# CENTRAL SQUARE REHABILITATION

105 SECOND AVE NE
GLENWOOD, MN 56334

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

STEPHANIE J. HOWE
DATE 22 NOV 2024 LIC. NO. 24874

REVISED:

| MARK: | DATE: | DESCRIPTION: |
|---|---|---|

| | |
|---|---|
| COMMISSION NO.: | SE2314 |
| DATE: | 22 NOV 2024 |
| DRAWN: | ETN |
| CHECKED: | SJH |

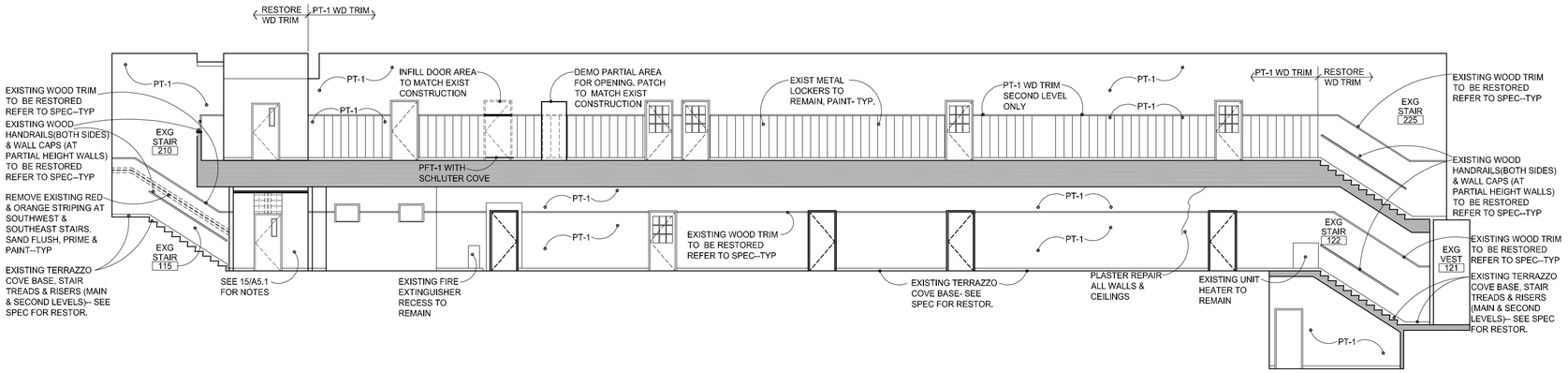
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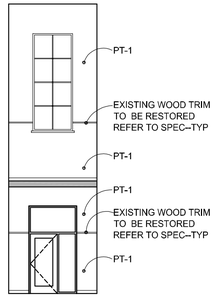
INTERIOR ELEVATIONS

DRAWING NUMBER:

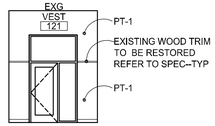
A5.1



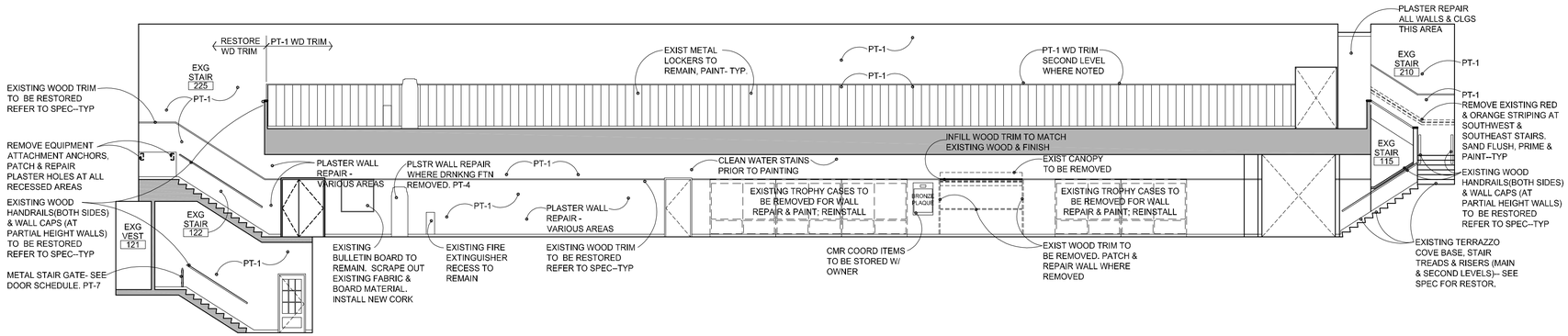

1 A5.2 WEST ELEVATION - NORTH/SOUTH CORRIDOR 135 / 122
1/8" = 1'-0"



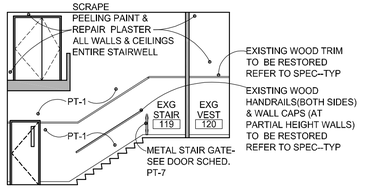

2 A5.2 NORTH ELEVATION - NORTHWEST STAIR
1/8" = 1'-0"



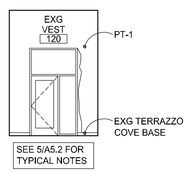

3 A5.2 NORTH ELEVATION - NW STAIR VESTIBULE
1/8" = 1'-0"



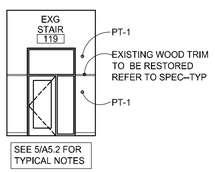

4 A5.2 EAST ELEVATION - NORTH/SOUTH CORRIDOR 135 / 122
1/8" = 1'-0"



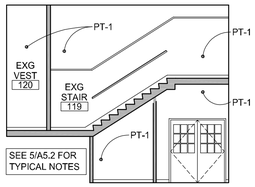

5 A5.2 WEST ELEVATION - NORTHEAST STAIR
1/8" = 1'-0"



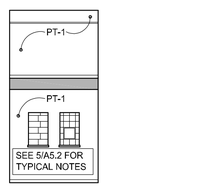

6 A5.2 NORTH ELEVATION - NORTHEAST STAIR VEST
1/8" = 1'-0"



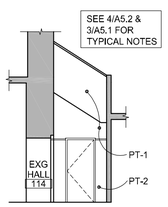

7 A5.2 NORTH ELEVATION - NORTHEAST STAIR
1/8" = 1'-0"



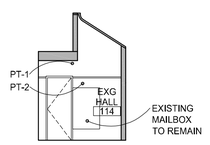

8 A5.2 EAST ELEVATION - NORTHEAST STAIR
1/8" = 1'-0"



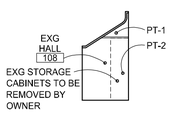

9 A5.2 SOUTH ELEVATION - NORTHEAST STAIR
1/8" = 1'-0"



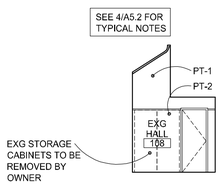

10 A5.2 EAST ELEVATION - HALL 114 SOUTHWEST STAIR
1/8" = 1'-0"



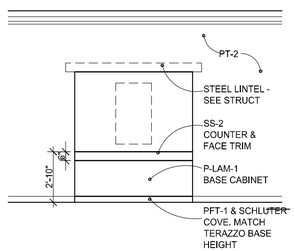

11 A5.2 SOUTH ELEVATION - HALL 114 SOUTHWEST STAIR
1/8" = 1'-0"



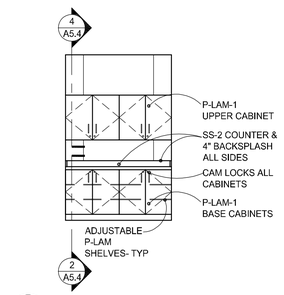

12 A5.2 EAST ELEVATION - HALL 108 SOUTHEAST STAIR
1/8" = 1'-0"



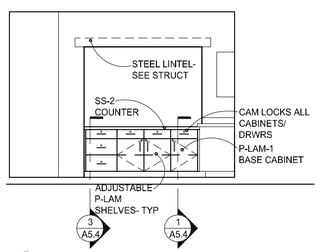

13 A5.2 SOUTH ELEVATION - HALL 108 SOUTHEAST STAIR
1/8" = 1'-0"




14 A5.2 CONCESSIONS 112 EAST
1/4" = 1'-0"




15 A5.2 CONCESSIONS 112 EAST
1/4" = 1'-0"




16 A5.2 CONCESSIONS 112 NORTH
1/4" = 1'-0"

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CENTRAL SQUARE REHABILITATION

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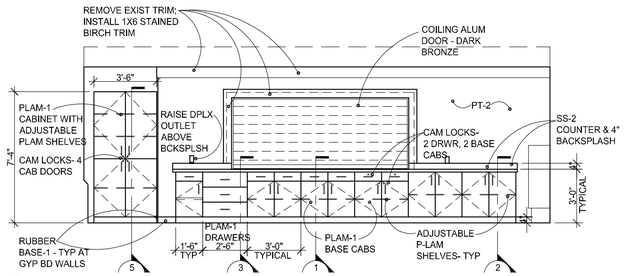
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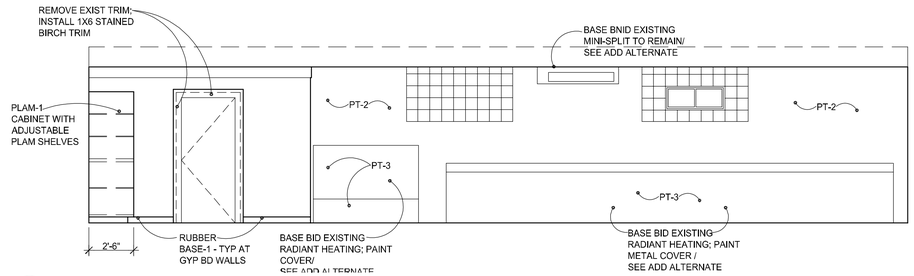
INTERIOR ELEVATIONS

DRAWING NUMBER:

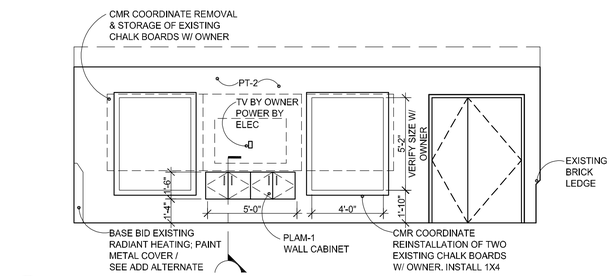
A5.2



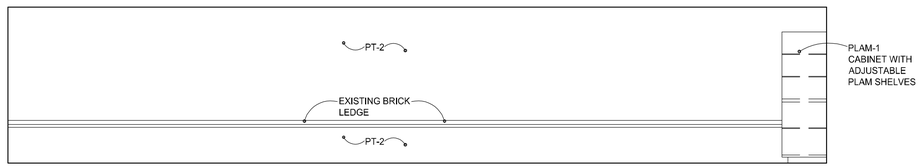

1 A5.3 COMMUNITY ROOM 102 - NORTH ELEVATION
1/4" = 1'-0"



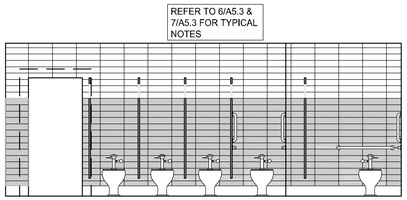

2 A5.3 COMMUNITY ROOM 102 - EAST ELEVATION
1/4" = 1'-0"



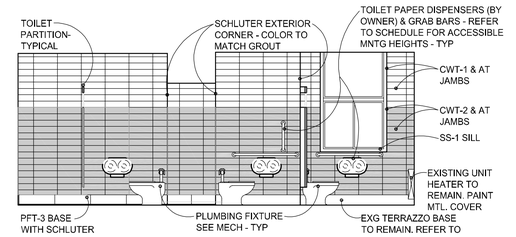

3 A5.3 COMMUNITY ROOM 102 - SOUTH ELEVATION
1/4" = 1'-0"



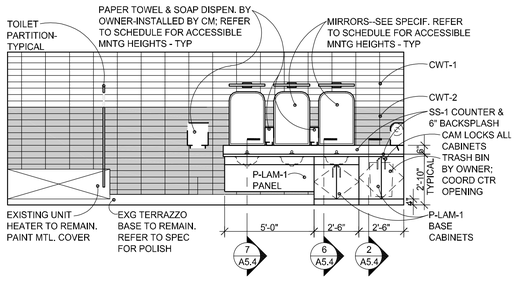

4 A5.3 COMMUNITY ROOM 102 - WEST ELEVATION
1/4" = 1'-0"



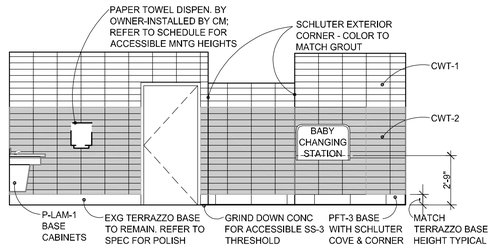

5 A5.3 WOMEN'S TOILET 143 SOUTH ELEVATION
1/4" = 1'-0"



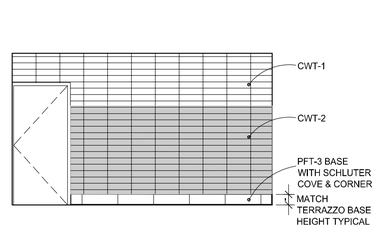

6 A5.3 WOMEN'S TOILET 143A/ 143 WEST ELEVATION
1/4" = 1'-0"



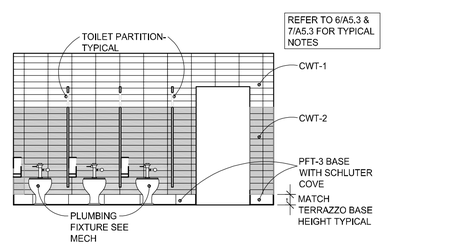

7 A5.3 WOMEN'S TOILET 143 NORTH ELEVATION
1/4" = 1'-0"



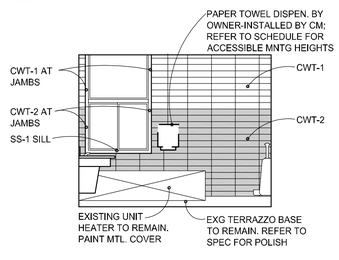

8 A5.3 WOMEN'S TOILET 143/ 143A EAST ELEVATION
1/4" = 1'-0"



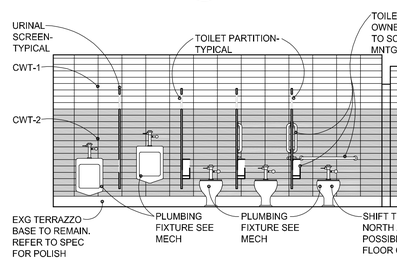

9 A5.3 WOMEN'S TOILET 143A SOUTH ELEVATION
1/4" = 1'-0"



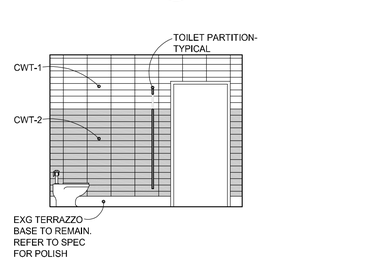

10 A5.3 WOMEN'S TOLET 143A NORTH ELEVATION
1/4" = 1'-0"



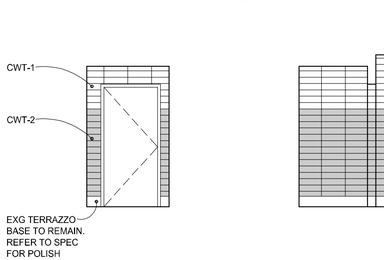

11 A5.3 MEN'S TOILET 148 NORTH ELEVATION
1/4" = 1'-0"



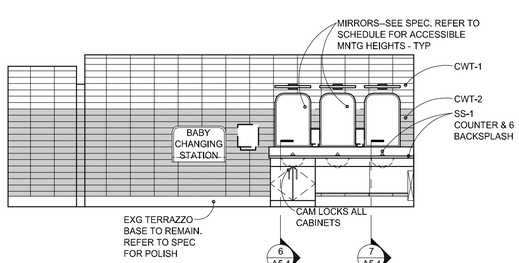

12 A5.3 MEN'S TOILET 148 EAST ELEVATION
1/4" = 1'-0"



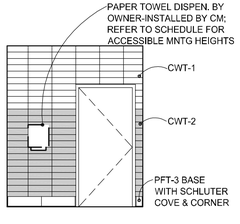

13 A5.3 MEN'S TOILET 148 SOUTH ELEV.
1/4" = 1'-0"



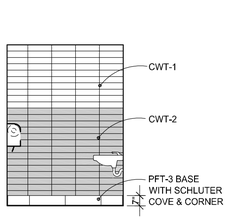

14 A5.3 MEN'S TOILET 148 SOUTH ELEV.
1/4" = 1'-0"



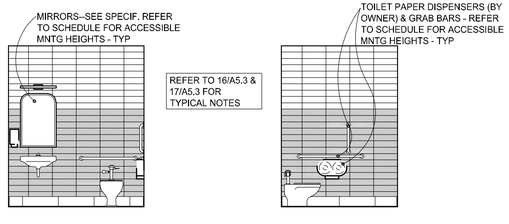

15 A5.3 MEN'S TOILET 148 WEST ELEVATION
1/4" = 1'-0"




16 A5.3 TOILET 215 NORTH ELEVATION
1/4" = 1'-0"



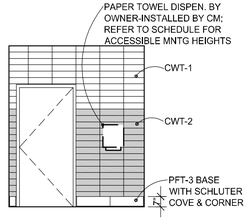

17 A5.3 TOILET 215 EAST ELEVATION
1/4" = 1'-0"



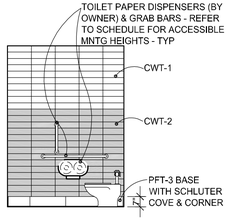

18 A5.3 TOILET 215 SOUTH ELEVATION
1/4" = 1'-0"



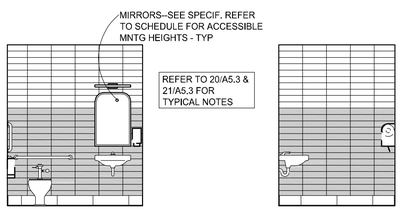

19 A5.3 TOILET 215 WEST ELEVATION
1/4" = 1'-0"




20 A5.3 TOILET 216 NORTH ELEVATION
1/4" = 1'-0"




21 A5.3 TOILET 216 EAST ELEVATION
1/4" = 1'-0"




22 A5.3 TOILET 216 SOUTH ELEVATION
1/4" = 1'-0"

23 A5.3 TOILET 216 WEST ELEVATION
1/4" = 1'-0"

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STEPHANIE J. HOWE
DATE 22 NOV 2024 LIC. NO. 24874

REVISED:

| MARK: | DATE: | DESCRIPTION: |
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| COMMISSION NO.: | SE2314 |
| DATE: | 22 NOV 2024 |
| DRAWN: | ETN |
| CHECKED: | SJH |

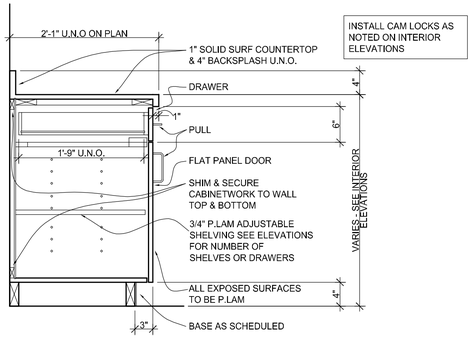
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DRAWING TITLE:

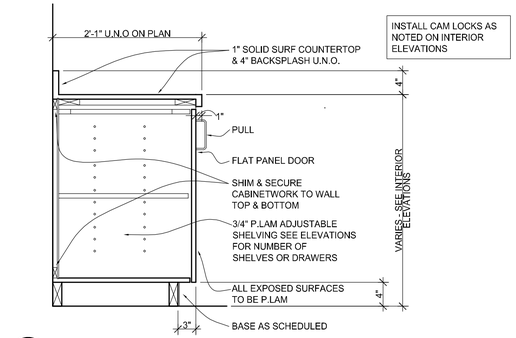
INTERIOR ELEVATIONS

DRAWING NUMBER:

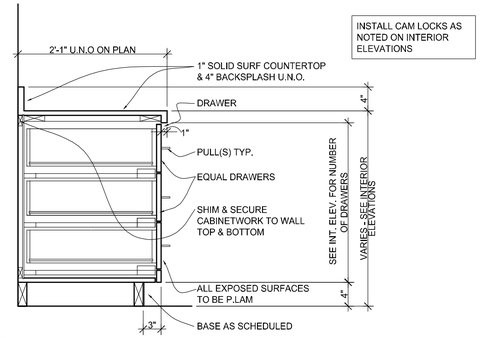
A5.3



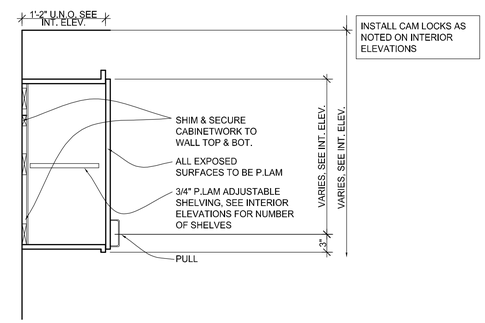

1 A5.4 BASE CABINET
1" = 1'-0"



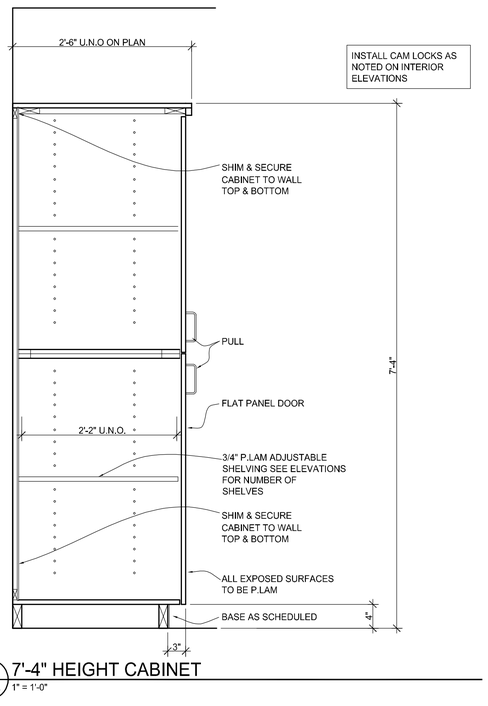

2 A5.4 BASE CABINET W/O PENCIL DRAWER
1" = 1'-0"



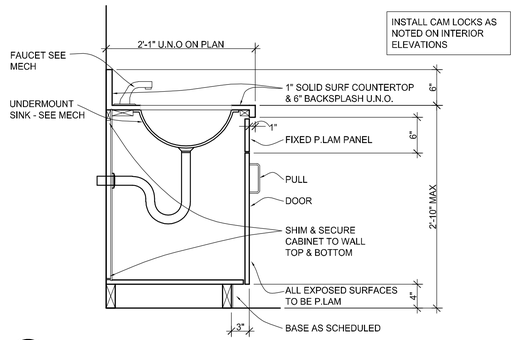

3 A5.4 BASE CABINET WITH EQUAL DEPTH DRAWERS
1" = 1'-0"



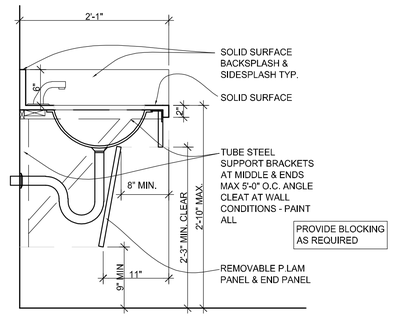

4 A5.4 UPPER CABINET
1" = 1'-0"




5 A5.4 7'-4" HEIGHT CABINET
1" = 1'-0"




6 A9.1 BASE CABINET WITH SINK
1" = 1'-0"




7 A5.1 SOLID SURFACE VANITY W/ REMOVABLE PANEL
1" = 1'-0"

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19 East Minnesota Avenue
Glenwood MN 56334
p 320.634.9939

# CENTRAL SQUARE REHABILITATION

105 SECOND AVE NE
GLENWOOD, MN 56334

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

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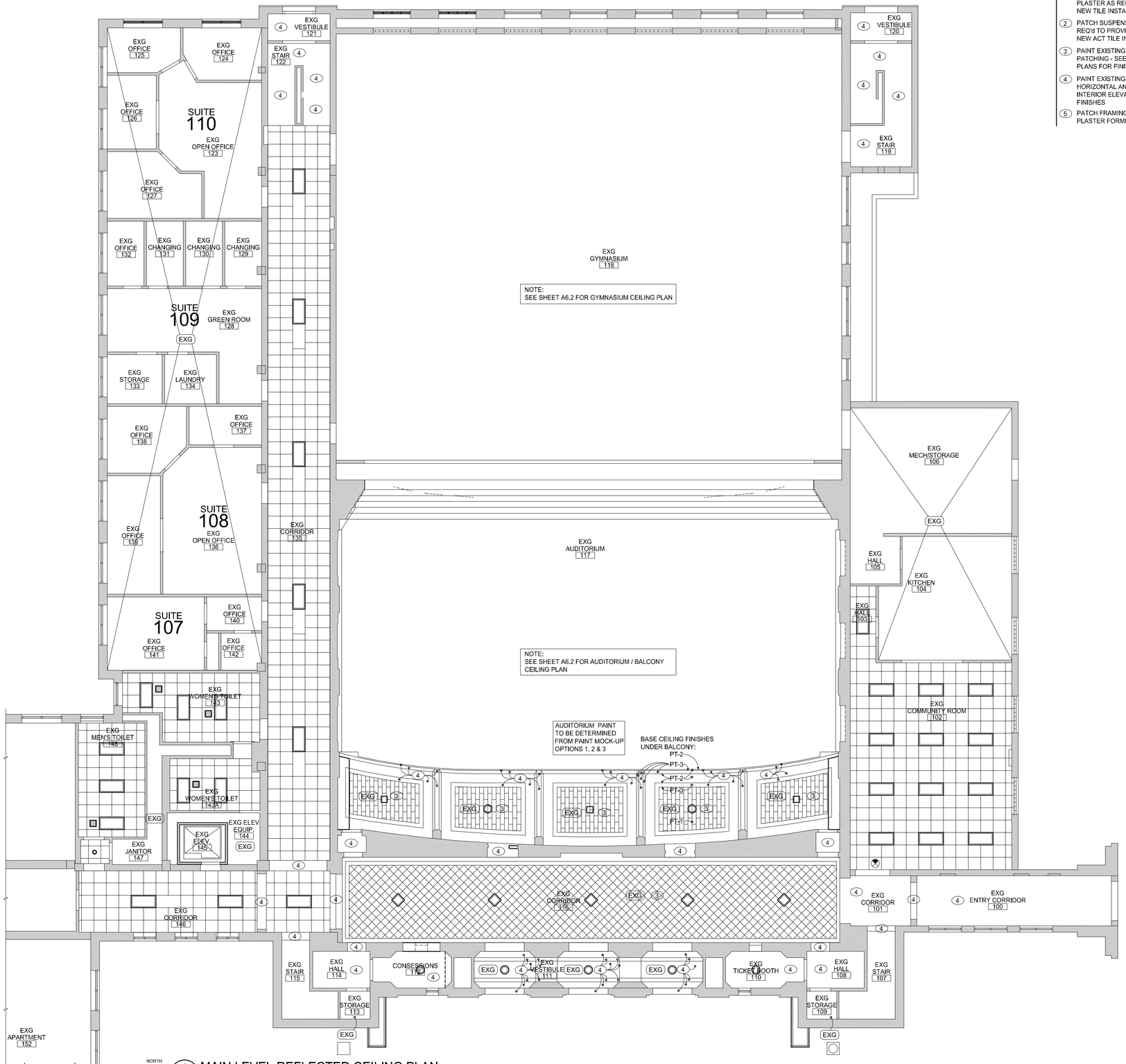
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DRAWING TITLE:

INTERIOR DETAILS

DRAWING NUMBER:

A5.4




NORTH

1 A6.0 MAIN LEVEL REFLECTED CEILING PLAN
1/8" = 1'-0"

## CEILING PLAN KEY NOTES

1. REPLACE FAILING/MISSING CEILING TILES WITH TILES TO MATCH . PAINT TO MATCH ADJACENT TILES REMOVE EXG ADHESIVE, ETC... AND PREP/SKIM COAT PLASTER AS REQ'd TO PROVIDE FLUSH SURFACE FOR NEW TILE INSTALLATION
2. PATCH SUSPENSION SYSTEM, MESH & PLASTER AS REQ'd TO PROVIDE FLUSH BACKING SURFACE FOR NEW ACT TILE INSTALLATION
3. PAINT EXISTING CEILING TILES FOLLOWING TILE PATCHING - SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR FINISHES
4. PAINT EXISTING PLASTER CEILING & SOFFIT HORIZONTAL AND VERTICAL SURFACES - SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR FINISHES
5. PATCH FRAMING, MESH AND PLASTER AT CEILING AND PLASTER FORMED CROWN MOULDING DETAIL. FINISH

## REFLECTED CEILING KEY

- 1'x1' ACOUSTIC CEILING TILE (ADHERED)
- 2'x2' ACOUSTIC CEILING TILE
- 2'x4' ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING
- EXG — EXG CEILING TO REMAIN
- LIGHT FIXTURES- SEE ELECTRICAL (DASHED INDICATES PENDANT OR SURFACE MOUNTED)
- HVAC DIFFUSERS- SEE MECHANICAL
- CEILING MATERIAL / HEIGHT ABOVE FINISHED FLOOR

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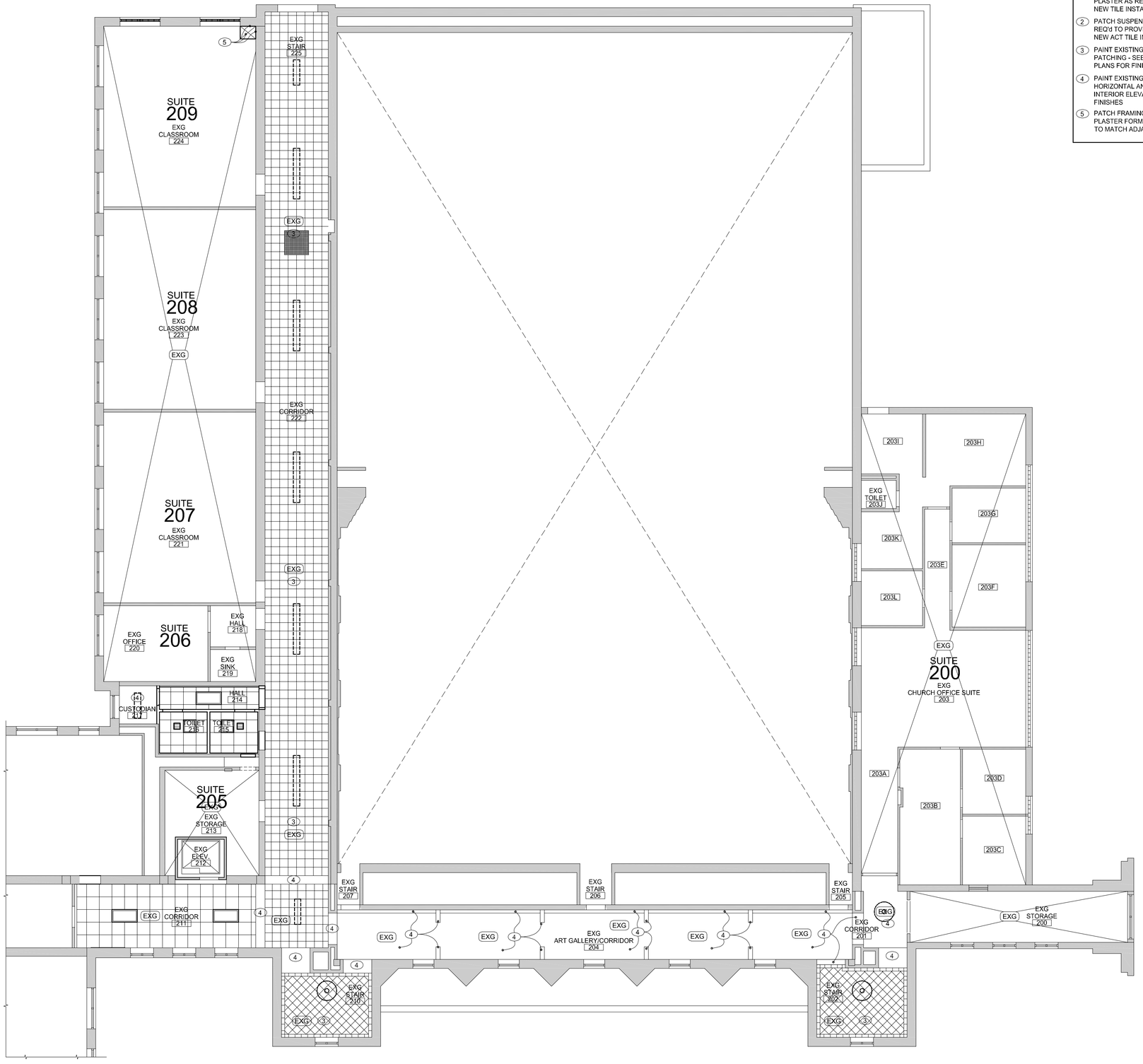
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DRAWING TITLE:

REFLECTED CEILING PLAN - MAIN LEVEL

DRAWING NUMBER:

A6.0




NORTH

1 / A6.1 UPPER LEVEL REFLECTED CEILING PLAN
1/8" = 1'-0"

## CEILING PLAN KEY NOTES

1. REPLACE FAILING/MISSING CEILING TILES WITH TILES TO MATCH . PAINT TO MATCH ADJACENT TILES REMOVE EXG ADHESIVE, ETC.., AND PREP/SKIM COAT PLASTER AS REQ'd TO PROVIDE FLUSH SURFACE FOR NEW TILE INSTALLATION
2. PATCH SUSPENSION SYSTEM, MESH & PLASTER AS REQ'd TO PROVIDE FLUSH BACKING SURFACE FOR NEW ACT TILE INSTALLATION
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5. PATCH FRAMING, MESH AND PLASTER AT CEILING AND PLASTER FORMED CROWN MOULDING DETAIL. FINISH TO MATCH ADJACENT CONSTRUCTION.

## REFLECTED CEILING KEY

- 1'x1' ACOUSTIC CEILING TILE (ADHERED)
- 2'x2' ACOUSTIC CEILING TILE
- 2'x4' ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING
- EXG — EXG CEILING TO REMAIN
- LIGHT FIXTURES- SEE ELECTRICAL (DASHED INDICATES PENDANT OR SURFACE MOUNTED)
- HVAC DIFFUSERS- SEE MECHANICAL
- CEILING MATERIAL / HEIGHT ABOVE FINISHED FLOOR

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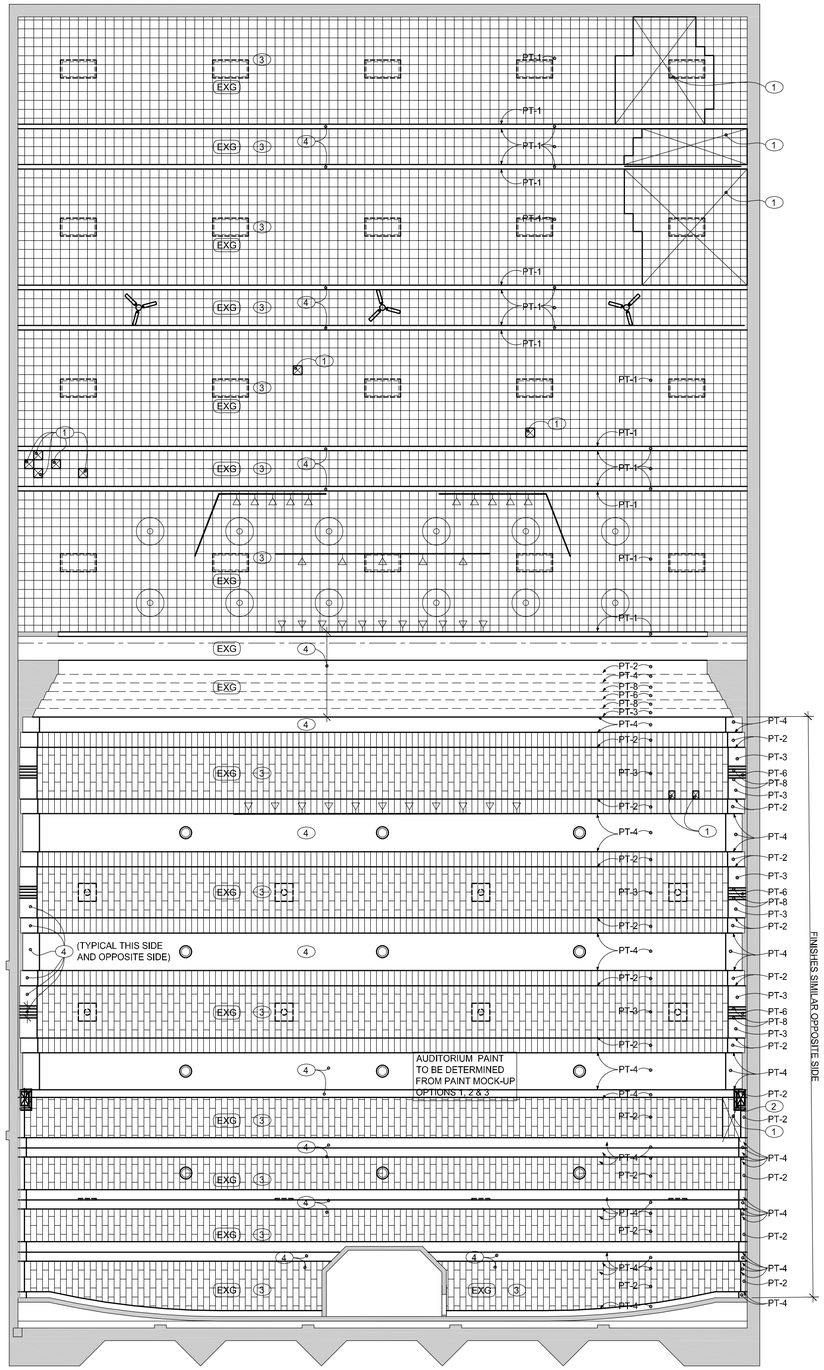
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DRAWING TITLE:

REFLECTED CEILING PLAN - UPPER LEVEL

DRAWING NUMBER:

A6.1




NORTH

1 / A6.2 GYM / AUDITORIUM REFLECTED CEILING PLAN

1/8" = 1'-0"

## CEILING PLAN KEY NOTES

1. REPLACE FAILING/MISSING CEILING TILES WITH TILES TO MATCH . PAINT TO MATCH ADJACENT TILES REMOVE EXG ADHESIVE, ETC... AND PREP/SKIM COAT PLASTER AS REQ'd TO PROVIDE FLUSH SURFACE FOR NEW TILE INSTALLATION
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5. PATCH FRAMING, MESH AND PLASTER AT CEILING AND PLASTER FORMED CROWN MOULDING DETAIL. FINISH TO MATCH ADJACENT CONSTRUCTION.

## REFLECTED CEILING KEY

- 1'x1' ACOUSTIC CEILING TILE (ADHERED)
- 2'x2' ACOUSTIC CEILING TILE
- 2'x4' ACOUSTIC CEILING TILE
- GYPSUM BOARD CEILING
- EXG — EXG CEILING TO REMAIN
- LIGHT FIXTURES- SEE ELECTRICAL (DASHED INDICATES PENDANT OR SURFACE MOUNTED)
- HVAC DIFFUSERS- SEE MECHANICAL
- CEILING MATERIAL / HEIGHT ABOVE FINISHED FLOOR

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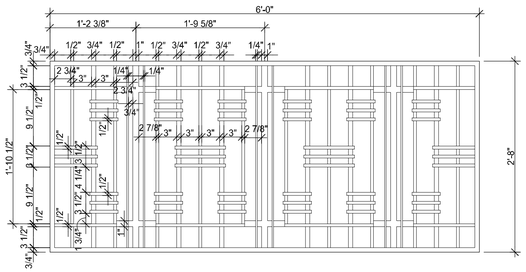
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DRAWING TITLE:

REFLECTED CEILING PLAN - AUDITORIUM / GYM

DRAWING NUMBER:

A6.2




1 A7.0 TYPICAL SOUTH ENTRY TRANSOM MULLION DETAIL
1" = 1'-0"

## DOOR SCHEDULE

VERIFY R.O. HEIGHT ON ALL DOORS AND ADJUST DOOR HEIGHT AS REQ'D

| DOOR NO. | LOCATION | SIZE | MATERIAL | TYPE | FRAME TYPE | HDWR GROUP | FIRE LABEL (MIN) | DOOR NOTES |
|---|---|---|---|---|---|---|---|---|
| 001 | STAIR BASEMENT | 3'-0" x 7'-0" | WD | WD-5 | HM-1 | 4 | 60 | - |
| 102 | MEETING/DINING | 3'-0" x 7'-0" (PR)<br>2'-3" x 7'-0" | WD<br>WD | WD-2<br>WD-2 | HM-1 | 5 | 20 | - |
| 102A | MEETING/DINING | 9'-10 3/4"x4'-0" | ALUM | RD-1 | BY MANUF | - | - | ROLLING DOOR |
| 110 | TICKET BOOTH | EXG | EXG WD | EXG | EXG | 6 | - | 1, 2 |
| 111, 111A, 111B | SOUTH ENTRY | 2'-11" x 7'-0" (PAIR) | ALUM | AL-1 | AL-1 | 1 | - | EXTERIOR |
| 112 | TKT/CONCESSION | EXG | EXG WD | EXG | EXG | 6 | - | 1, 2 |
| 112A | TKT/CONCESSION | 6'-0"x4'-5 1/2" | ALUM | RD-1 | BY MANUF | - | - | ROLLING DOOR |
| 117 | AUDITORIUM | EXG | EXG | EXG | EXG | 7 | - | 1, 2 |
| 117A | AUDITORIUM | 3'-0" x 6'-11" | WD | WD-4 | WD | 8 | - | VER. HEIGHT |
| 117B | AUDITORIUM | EXG PAIR | EXG | EXG | EXG | 9 | - | 1, 2 |
| 117C | AUDITORIUM | EXG | EXG | EXG | EXG | 10 | - | 1, 2 |
| 118, 118A | GYMNASIUM | 3'-0" x 7'-0" (PR)<br>1'-8" x 7'-0" | WD<br>WD | WD-2<br>WD-2 | HM-1 | 11 | 20 | - |
| 119, 122 | STAIRS | 4'-4" x 2'-8" | STEEL | GATE | - | - | - | STAIR GATE |
| 120, 121 | NORTH ENTRY | 3'-0" x 7'-0" | WD | - | HM-2 | 3 | - | INTERIOR |
| 121A | NORTH ENTRY | 3'-0" x 7'-0" | ALUM | AL-2 | AL-2 | 2 | - | EXTERIOR |
| 123 | OPEN OFFICE | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 12 | 20 | - |
| 128 | GREEN ROOM | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 12 | 20 | - |
| 136 | OPEN OFFICE | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 12 | 20 | - |
| 140 | OFFICE | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 13 | 20 | 2 |
| 143 | WOMEN'S TOILET | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 14 | - | - |
| 144 | ELEV EQUIP RM | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 15 | 60 | - |
| 148 | MEN'S TOILET | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 14 | - | - |
| 205 | BALCONY | EXG | EXG WD | EXG | EXG | 10 | - | 1, 2 |
| 206 | BALCONY | EXG | EXG WD | EXG | EXG | - | - | 1 |
| 206A | BALCONY STAIR | 4'-1 1/2" x 2'-8" | STEEL | GATE | - | - | - | STAIR GATE |
| 207 | BALCONY | EXG | EXG WD | EXG | EXG | 7 | - | 1, 2 |
| 215, 216 | TOILET | 3'-0" x 7'-0" | WD | WD-1 | HM-1 | 16 | 20 | - |
| 217 | CUSTODIAL | 2'-6" x 7'-0" | WD | WD-1 | HM-1 | 15 | 20 | - |

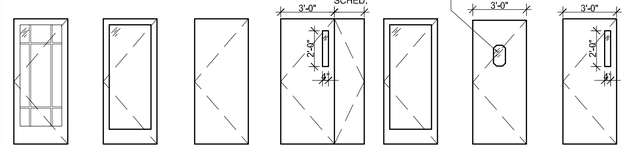
DOOR NOTES

1. CONTRACTOR TO REMOVE DOOR AND PLANE EDGES AS REQUIRED TO ELIMINATE BINDING. FINISH NEWLY EXPOSED EDGES TO MATCH EXISTING. REINSTALL DOOR
2. NEW HARDWARE FOR EXISTING DOOR - SEE HARDWARE GROUP LISTED

DOOR TYPE ABBREVIATIONS

ALUM = ALUMINUM
HM = HOLLOW METAL
WD = WOOD
STL = STEEL
PR = PAIR
INS = INSULATED

## DOOR TYPES

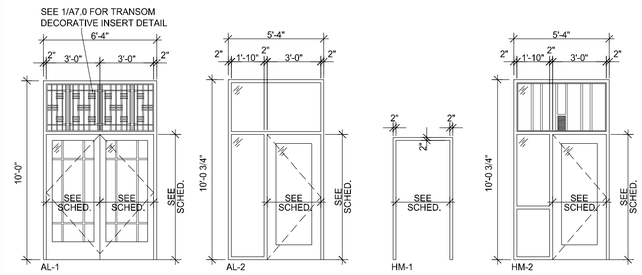



AL-1 -ALUMINUM ENTRY
AL-2 -ALUMINUM ENTRY
WD-1 (INTERIOR) -FLUSH PANEL
WD-2 (INTERIOR) -FLUSH PANEL (PAIR)
WD-3 (INTERIOR) -FLUSH PANEL
WD-4 (INTERIOR) -FLUSH PANEL
WD-5 (INTERIOR) -FLUSH PANEL

1" INSULATED GLAZING - EXTERIOR
¼" TEMP. GLAZING - INTERIOR

## FRAME TYPES

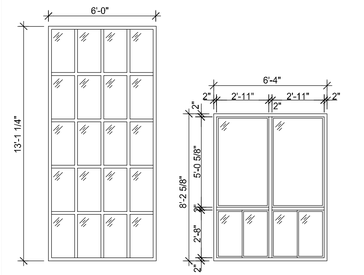
THERMALLY BROKEN FRAMES (TYP ALL EXTERIOR)




AL-1
AL-2
HM-1
HM-2

1" INSULATED GLAZING - EXTERIOR
1" INSULATED GLAZING - EXTERIOR
1/4" TEMP. GLAZING - INTERIOR

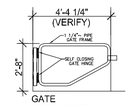
## WINDOW TYPES




W1 (STATIONARY WDW)
W2 (SLIDING/STATIONARY WDW)

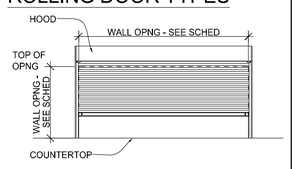
1" INSULATED GLAZING - TYPICAL EXTERIOR WINDOWS

## GATE TYPES




GATE -STAIR GATE

## ROLLING DOOR TYPES



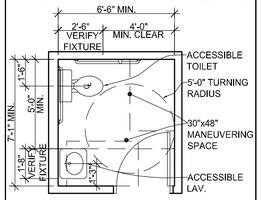

RD-1

VERIFY ALL EXISTING OPENING DIMENSIONS. NOTIFY ARCHITECT IF DEVIATIONS OCCUR

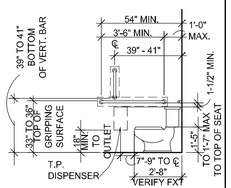
## HC ACCESSIBLE MOUNTING HEIGHTS:
1/4" = 1'-0"

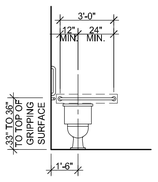
NOTE: COORDINATE AND INSTALL BLOCKING FOR ALL WALL MOUNTED EQUIPMENT, FIXTURES OR ACCESSIBILITY REQUIRED MATERIALS.

HC ACCESS.TYPICAL TOILET ROOM PLAN CLEARANCES

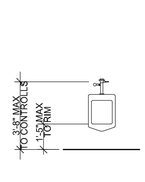



ACCESSIBLE WATER CLOSET

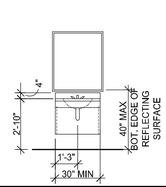


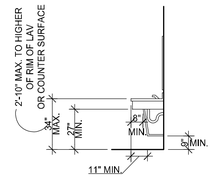

ACCESSIBLE URNIAL



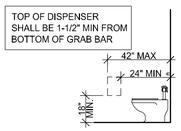

ACCESSIBLE MIRROR/ LAVATORY



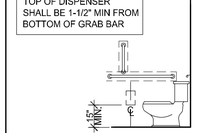

ACCESSIBLE MIRROR/ LAVATORY



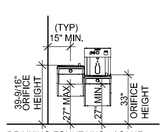

TOILET PAPER DISPENSER




SANITARY NAPKIN DISPENSER

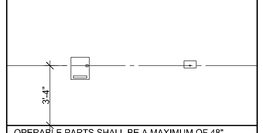



WATER COOLERS



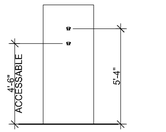

DRINKING FOUNTAINS w/ CANE APRON (ACCESSIBLE) - SEE MECH.

TOWEL DISPENSER SOAP DISPENSER

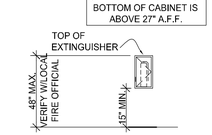


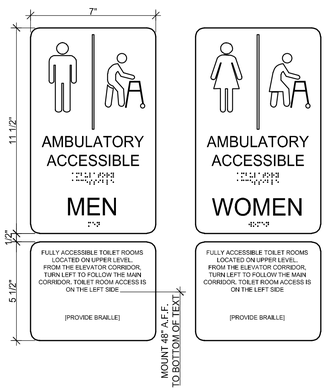

OPERABLE PARTS SHALL BE A MAXIMUM OF 48" A.F.F. FOR FORWARD APPROACH AND A MAXIMUM OF 54" AFF FOR SIDE APPROACH

ROBE HOOK

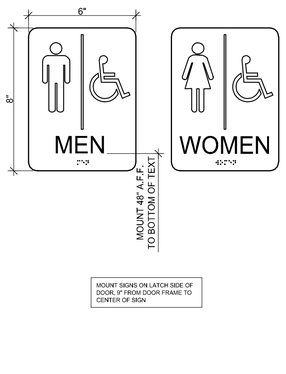



FIRE EXTINGUISHER UNDER 40 LBS GW

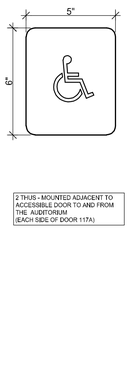



MAIN LEVEL TOILET ROOMS

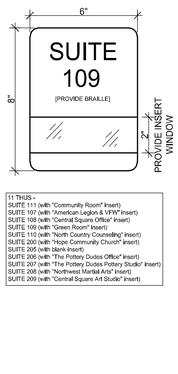



UPPER LEVEL TOILET ROOMS




2 THUS - MOUNTED ADJACENT TO ACCESSIBLE DOOR TO AND FROM THE AUDITORIUM (EACH SIDE OF DOOR 117A)

ACCESSIBLE ENTRY SIGN



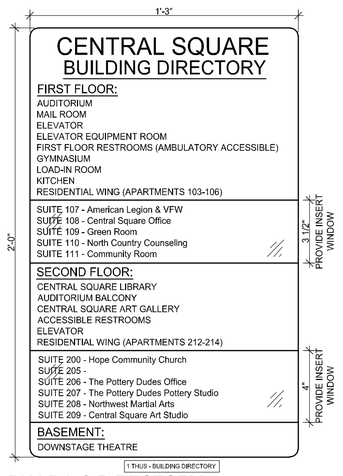

11 THUS -
SUITE 111 (with "Community Room" Insert)
SUITE 107 (with "American Legion & VFW" Insert)
SUITE 108 (with "Central Square Office" Insert)
SUITE 109 (with "Green Room" Insert)
SUITE 110 (with "North Country Counseling" Insert)
SUITE 200 (with "Hope Community Church" Insert)
SUITE 205 (with blank Insert)
SUITE 206 (with "The Pottery Dudes Office" Insert)
SUITE 207 (with "The Pottery Dudes Pottery Studio" Insert)
SUITE 208 (with "Northwest Martial Arts" Insert)
SUITE 209 (with "Central Square Art Studio" Insert)

TYPICAL SUITE INSERT WINDOW SIGN




18 THUS -
(4) AUDITORIUM
MAIL ROOM
(2) ELEVATOR
(2) GYMNASIUM
LOAD-IN ROOM
KITCHEN
CENTRAL SQUARE LIBRARY
(3) AUDITORIUM BALCONY
(2) CENTRAL SQUARE ART GALLERY
ELEVATOR EQUIPMENT ROOM

TYPICAL ROOM IDENTIFIER SIGN




1 THUS - BUILDING DIRECTORY

BUILDING DIRECTORY

2 A7.0 TYPICAL SIGNAGE
3" = 1'-0"


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Glenwood MN 56334
p 320.634.9939


# CENTRAL SQUARE REHABILITATION

105 SECOND AVE NE
GLENWOOD, MN 56334

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

STEPHANIE J. HOWE
DATE 22 NOV 2024 LIC. NO. 24874

REVISED:

| MARK: | DATE: | DESCRIPTION: |
|---|---|---|

| | |
|---|---|
| COMMISSION NO.: | SE2314 |
| DATE: | 22 NOV 2024 |
| DRAWN: | ETN |
| CHECKED: | SJH |

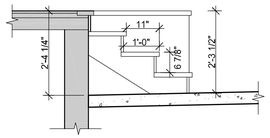
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DRAWING TITLE:

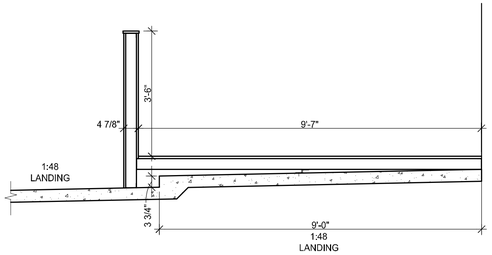
SCHEDULES
ACCESSIBLE MOUNTING HEIGHT DETAILS

DRAWING NUMBER:

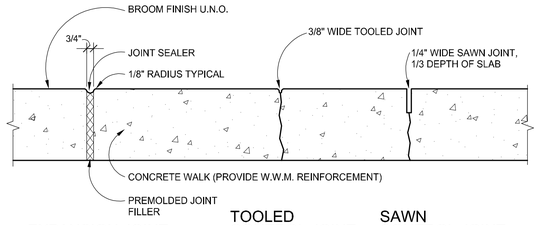
A7.0



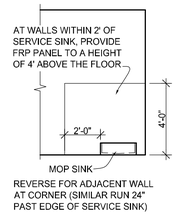

1 A8.0 SECTION THRU STAGE STAIR
1/2" = 1'-0"



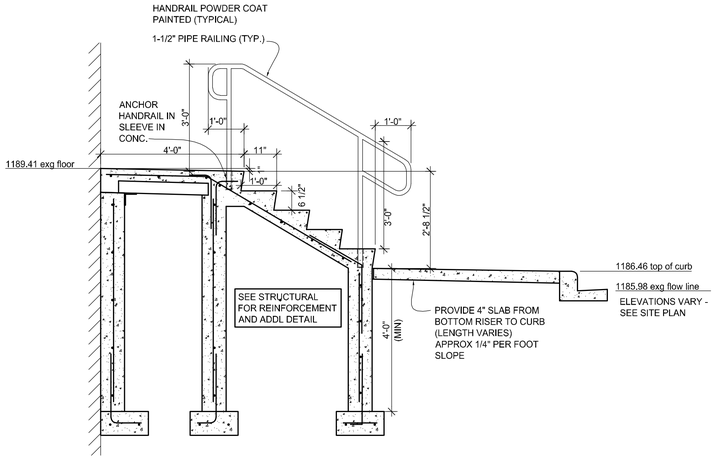

2 A8.0 SECTION THRU CONTROL BOOTH
1/2" = 1'-0"



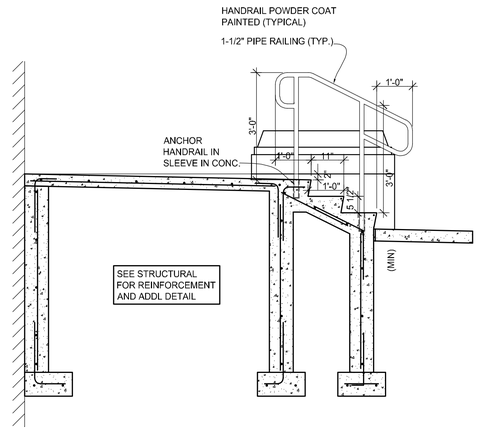

3 A8.0 SITE CONCRETE JOINT DETAILS
1/2" = 1'-0"



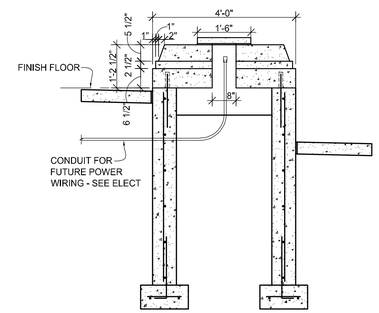

17 A8.0 FRP PANEL AT MOP SINK
1/4" = 1'-0"



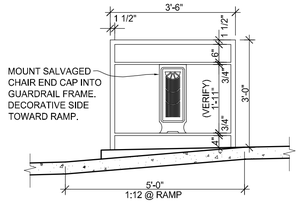

4 A8.0 SECTION THRU EXTERIOR STOOP / STAIR (NORTH ENTRIES)
1/2" = 1'-0"



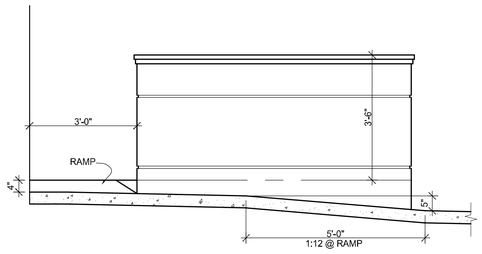

5 A8.0 SECTION THRU EXTERIOR STOOP / STAIR (SOUTH ENTRY)
1/2" = 1'-0"



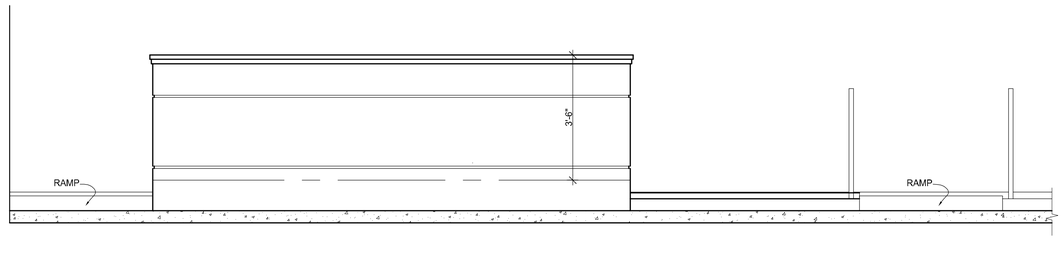

6 A8.0 SECTION THRU SOUTH ENTRY PEDESTAL
1/2" = 1'-0"



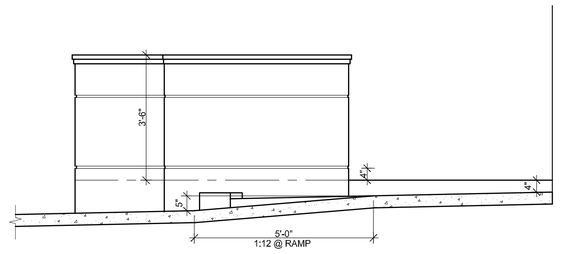

7 A8.0 TYPICAL RAMP GUARDRAIL
1/2" = 1'-0"



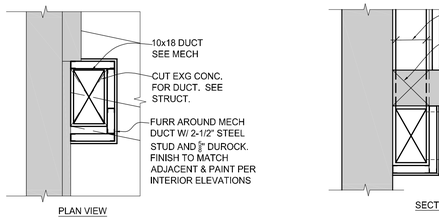

8 A8.0 EAST ELEVATION - CONTROL BOOTH
1/2" = 1'-0"



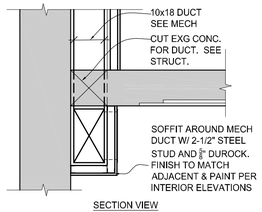

9 A8.0 NORTH ELEVATION - CONTROL BOOTH
1/2" = 1'-0"



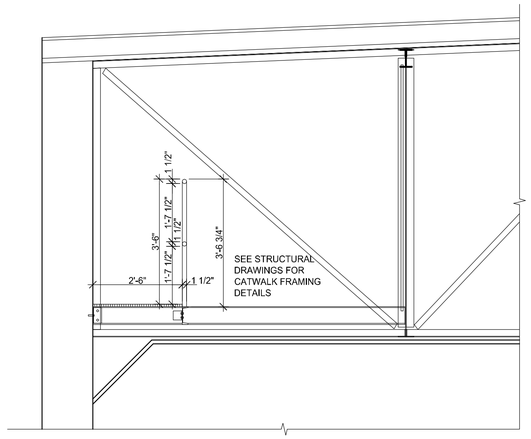

10 A8.0 WEST ELEVATION - CONTROL BOOTH
1/2" = 1'-0"



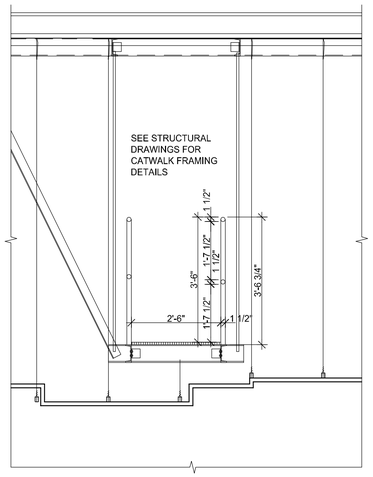

11 A8.0 FURRING AT VERTICAL DUCT
1/2" = 1'-0"



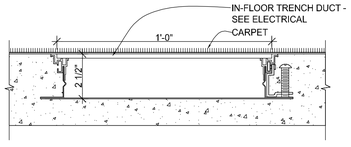

12 A8.0 SOFFIT AT HORIZONTAL DUCT
1/2" = 1'-0"



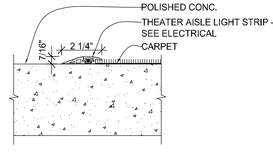

13 A8.0 SECTION @ ATTIC CATWALK
1/2" = 1'-0"




14 A8.0 SECTION @ ATTIC CATWALK
1/2" = 1'-0"




15 A8.0 SECTION @ FLOOR DUCT
3" = 1'-0"




16 A8.0 SECTION @ AISLE FLOOR LIGHT STRIP
3" = 1'-0"

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CENTRAL SQUARE REHABILITATION

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STEPHANIE J. HOWE
DATE 22 NOV 2024 LIC. NO. 24874

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| MARK: | DATE: | DESCRIPTION: |
|---|---|---|

| | |
|---|---|
| COMMISSION NO.: | SE2314 |
| DATE: | 22 NOV 2024 |
| DRAWN: | ETN |
| CHECKED: | SJH |

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DRAWING TITLE:

DETAILS

DRAWING NUMBER:

A8.0

# ABBREVIATIONS

| | |
|---|---|
| **A** | |
| AB | ANCHOR BOLT |
| ADD'L. | ADDITIONAL |
| ALT. | ALTERNATE |
| ARCH. | ARCHITECT(URAL) |
| **B** | |
| BLDG. | BUILDING |
| BLK. | BLOCK |
| BLKG. | BLOCKING |
| BM. | BEAM |
| BOT. | BOTTOM |
| BRG. | BEARING |
| BTWN. | BETWEEN |
| **C** | |
| CIP | CAST IN PLACE |
| CJ | CONTROL JOINT |
| CL | CENTER LINE |
| CLR. | CLEAR(ANCE) |
| CMU | CONCRETE MASONRY UNIT |
| COL. | COLUMN |
| COMP. | COMPOSITE |
| CONC. | CONCRETE |
| CONN. | CONNECTION |
| CONST. | CONSTRUCTION |
| CONT. | CONTINUOUS |
| COORD. | COORDINATE |
| CTRD. | CENTERED |
| **D** | |
| DBL. | DOUBLE |
| DIA. | DIAMETER |
| DIAG. | DIAGNOL |
| DL | DEAD LOAD |
| DO. | DITTO |
| DTL. | DETAIL |
| DWG. | DRAWING |
| **E** | |
| E | EAST |
| (E) | EXISTING |
| EA. | EACH |
| ELEV. | ELEVATION |
| EMBED. | EMBEDMENT |
| EQ. | EQUAL |
| EXIST. | EXISTING |
| EXP. | EXPANSION |
| EXT. | EXTERIOR |
| **F** | |
| FAB. | FABRICATE(OR) |
| FD | FLOOR DRAIN |
| FNDN. | FOUNDATION |

| | |
|---|---|
| **G** | |
| GA. | GAGE. GAUGE |
| GALV. | GALVANIZED |
| GC | GENERAL CONTRACT(OR) |
| **H** | |
| HORIZ. | HORIZONTAL |
| HK. | HOOK |
| HS | HEADED STUDS |
| HSS | HOLLOW STRUCTURAL SECTION |
| **I** | |
| INFO. | INFORMATION |
| **J** | |
| JBE | JOIST BEARING ELEVATION |
| JST. | JOIST |
| JT. | JOINT |
| **K** | |
| K. | KIP |
| KO | KNOCK-OUT |
| KSI | KIPS PER SQUARE INCH |
| **L** | |
| LL | LIVE LOAD |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| **M** | |
| MAS. | MASONRY |
| MATL. | MATERIAL |
| MAX. | MAXIMUM |
| MECH. | MECHANICAL |
| MEZZ. | MEZZANINE |
| MFG. | MANUFACTURE(R) |
| MIN. | MINIMUM |
| MISC. | MISCELLANEOUS |
| MO | MASONRY OPENING |
| **N** | |
| N | NORTH |
| NIC | NOT IN CONTRACT |
| NTS | NOT TO SCALE |
| **O** | |
| O.C. | ON CENTER(S) |
| OH | OVERHEAD |
| OPNG. | OPENING |

| | |
|---|---|
| **P** | |
| PC | PRECAST CONCRETE |
| PERIM. | PERIMETER |
| PL. | PLATE |
| PLF | POUNDS PER LINEAR FOOT |
| PROJ. | PROJECT |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| **Q** | |
| QTY. | QUANTITY |
| **R** | |
| RAD. | RADIUS |
| RD | ROOF DRAIN |
| REINF. | REINFORCE(D), (ING) |
| REQ'D | REQUIRED |
| REV. | REVISION, REVISE(D) |
| **S** | |
| S | SOUTH |
| SD | SEE DETAIL |
| SCHED. | SCHEDULE |
| SIM. | SIMILAR |
| SJI | STEEL JOIST INSTITUTE |
| SPA. | SPACE(S) |
| SQ. | SQUARE |
| STD. | STANDARD |
| STL. | STEEL |
| STRUCT. | STRUCTURAL |
| SYP | SOUTHERN YELLOW PINE |
| **T** | |
| TBE | TOP OF BEAM ELEVATION |
| TDE | TOP OF DECK ELEVATION |
| TEMP. | TEMPORARY |
| TFE | TOP OF FOOTING ELEVATION |
| TPC | TOP OF PILE CAP ELEVATION |
| TPE | TOP OF PIER ELEVATION |
| TSE | TOP OF SLAB ELEVATION |
| TWE | TOP OF WALL ELEVATION |
| TYP. | TYPICAL |
| **U** | |
| UNO | UNLESS NOTED OTHERWISE |
| **V** | |
| VERT. | VERTICAL |
| **W** | |
| W | WEST |
| W/ | WITH |
| WP | WORK POINT |
| WWR | WELDED WIRE REINFORCEMENT |

# DRAWINGS SYMBOLS

CONCRETE

FACE BRICK

CONCRETE BLOCK

WOOD BLOCKING

EARTH/COMPACT FILL

STEEL

WELDED WIRE FABRIC

STEPPED GRADE BEAM LOCATION

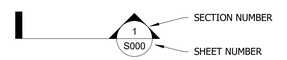
JOIST BOT. CHORD EXTENSION

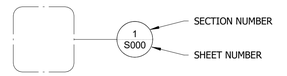
JOIST BOLTED CONNECTION PER OSHA REQUIREMENTS

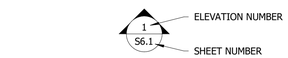
BEAM SPLICE LOCATION

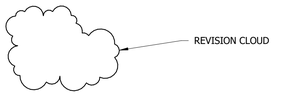
BEAM MOMENT CONNECTION

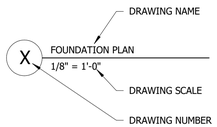
ELEVATION OR WORK POINT




## LAP SPLICE SCHEDULE (UNCOATED GRADE 60 BARS IN CONCRETE)

**CLASS 'A' TENSION LAP SPLICE**

| BAR SIZE | CONCRETE COMPRESSIVE STRENGTH, $f'_c$ (PSI) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 3,000 | 3,500 | 4,000 | 5,000 | 6,000 | 7,000 | 8,000 | 10,000 |
| #3 | 1'-5" | 1'-4" | 1'-3" | 1'-1" | 1'-0" | 0'-11" | 0'-11" | 0'-9" |
| #4 | 1'-10" | 1'-9" | 1'-7" | 1'-5" | 1'-4" | 1'-3" | 1'-2" | 1'-0" |
| #5 | 2'-4" | 2'-2" | 2'-0" | 1'-10" | 1'-8" | 1'-7" | 1'-5" | 1'-3" |
| #6 | 2'-9" | 2'-7" | 2'-5" | 2'-2" | 2'-0" | 1'-10" | 1'-9" | 1'-6" |
| #7 | 4'-1" | 3'-9" | 3'-6" | 3'-2" | 2'-11" | 2'-8" | 2'-6" | 2'-3" |
| #8 | 4'-7" | 4'-3" | 4'-0" | 3'-7" | 3'-3" | 3'-0" | 2'-10" | 2'-6" |
| #9 | 5'-2" | 4'-10" | 4'-6" | 4'-1" | 3'-8" | 3'-5" | 3'-3" | 2'-10" |
| #10 | 5'-9" | 5'-4" | 5'-0" | 4'-6" | 4'-1" | 3'-9" | 3'-7" | 3'-2" |
| #11 | 6'-4" | 5'-11" | 5'-6" | 5'-0" | 4'-6" | 4'-2" | 3'-11" | 3'-6" |

**CLASS 'B' TENSION LAP SPLICE**

| BAR SIZE | CONCRETE COMPRESSIVE STRENGTH, $f'_c$ (PSI) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 3,000 | 3,500 | 4,000 | 5,000 | 6,000 | 7,000 | 8,000 | 10,000 |
| #3 | 1'-10" | 1'-8" | 1'-7" | 1'-5" | 1'-4" | 1'-3" | 1'-2" | 1'-0" |
| #4 | 2'-5" | 2'-3" | 2'-1" | 1'-11" | 1'-9" | 1'-7" | 1'-6" | 1'-4" |
| #5 | 3'-0" | 2'-10" | 2'-7" | 2'-4" | 2'-2" | 2'-0" | 1'-10" | 1'-8" |
| #6 | 3'-7" | 3'-4" | 3'-1" | 2'-10" | 2'-7" | 2'-5" | 2'-3" | 2'-0" |
| #7 | 5'-3" | 4'-10" | 4'-7" | 4'-1" | 3'-9" | 3'-5" | 3'-3" | 2'-11" |
| #8 | 6'-0" | 5'-7" | 5'-3" | 4'-8" | 4'-3" | 3'-11" | 3'-9" | 3'-3" |
| #9 | 6'-9" | 6'-3" | 5'-11" | 5'-3" | 4'-10" | 4'-5" | 4'-2" | 3'-8" |
| #10 | 7'-6" | 6'-11" | 6'-6" | 5'-10" | 5'-4" | 4'-11" | 4'-8" | 4'-1" |
| #11 | 8'-3" | 7'-8" | 7'-2" | 6'-5" | 5'-10" | 5'-5" | 5'-1" | 4'-6" |

**CIP CONCRETE LAP SPLICE SCHEDULE NOTES:**

1. THESE TABLES ARE BASED ON THE FOLLOWING ASSUMPTIONS:
   - A. UNCOATED GRADE 60 REBAR IN GROUTED CONCRETE
   - B. CLEAR SPACING OF BARS ≥ $d_b$
   - C. CLEAR COVER ≥ $d_b$
   - D. STIRRUPS OR TIES PROVIDED THROUGHOUT DEVELOPMENT LENGTH MINIMUM ≥ OR
     - a. CLEAR SPACE OF BARS ≥ 2*$d_b$
     - b. CLEAR COVER ≥ $d_b$
2. FOR OTHER CASES, MULTIPLY LENGTHS SHOWN BY 1.5
3. TOP BAR SPLICES:
   - A. TOP BARS ARE SUCH THAT 12" OR MORE OF FRESH CONCRETE IS CAST BELOW THE SPLICE OR DEVELOPMENT LENGTH
   - B. MULTIPLY LENGTHS SHOWN BY 1.3
4. FOR LIGHTWEIGHT CONCRETE, MULTIPLY LENGTHS SHOWN BY 1.3
5. FOR HIGHER GRADE STEEL, MULTIPLY LENGTHS SHOWN BY A RATIO OF HIGHER $F_Y$ (KSI) OVER 1,160 (KSI). ALL OTHER FACTORS LISTED STILL APPLY.
6. FOR COMPRESSION LAP SPLICE, USE GREATER OF:
   - A. (0.0009*$F_Y$ - 24)*$d_b$
   - B. 0.0005*$F_Y$*$d_b$
7. ABBREVIATED TERMS:
   - A. $d_b$ = BAR DIAMETER
   - B. $F_Y$ = YIELD STRENGTH OF REBAR
8. ALL REBAR LAP SPLICES SHALL BE 'CLASS B' UNLESS NOTED OTHERWISE ON PLAN.

## STRUCTURAL DRAWING INDEX



| SHEET NUMBER | SHEET NAME |
|---|---|
| S000 | TITLE SHEET |
| S100 | GENERAL NOTES |
| S200 | MAIN LEVEL OVERALL PLAN |
| S210 | SECOND FLOOR PLAN |
| S220 | CATWALK FRAMING PLAN |




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PRINTED NAME: JOE A NICHOLSON

DATE: 11/22/24 LICENSE #: 44104

# CENTRAL SQUARE REHABILITATION

PRELIMINARY: NOT FOR CONSTRUCTION

GLENWOOD, MN


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| DRAWN BY: | ALW |
| CHECKED BY: | JAN |
| PROJECT NO.: | 08124002 |

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TITLE SHEET

DRAWING NO.

S000


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## GENERAL NOTES

**I. DESIGN DATA**

**A. BUILDING CODE**

1. MINNESOTA BUILDING CODE 2020 EDITION (w/ LOCAL AMENDMENTS)

**B. DESIGN LOADS/DESIGN CRITERIA**

1. DEFLECTION CRITERIA SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   A. DEFLECITON LIMITS INDICATED IN TABLE 1604.3 OF THE INTERNATIONAL BUILDING CODE.
2. CATWALK LOADS:
   DEAD LOAD (DL):
   i. CATWALK: 24 PSF

   LIVE LOAD (LL):
   i. CATWALK: _40 PSF

**C. ALTERNATE DESIGNS**

ALTERNATE STRUCTURAL SYSTEMS & DETAILS WILL ONLY BE CONSIDERED PROVIDED THEY ARE SUBMITTED WITH CALCULATIONS CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT. THE CALCULATIONS MUST SHOW THE EQUIVALENCY OF THE ALTERNATE. ACCEPTANCE OF THE ALTERNATE BY THE ENGINEER OF RECORD MUST BE IN WRITING.

**D. EXPANSION JOINTS**

EXPANSION JOINTS ARE NOTED ON THE DRAWINGS. NO CONNECTIONS SHALL BE MADE ACROSS THESE JOINTS UNLESS NOTED OTHERWISE.

**E. FUTURE EXPANSION**

THIS PROJECT IS NOT DESIGNED FOR FUTURE EXPANSION.

**F. GENERAL CONSTRUCTION NOTES:**

1. IN ALL CASES WHERE A CONFLICT MAY OCCUR, SUCH AS BETWEEN REQUIREMENTS IN THE SPECIFICATION AND REQUIREMENTS ON THE DRAWINGS, THE STRUCTURAL ENGINEER OF RECORD SHALL BE IMMEDIATELY NOTIFIED IN WRITING AND THE STRUCTURAL ENGINEER OF RECORD SHALL INTERPRET THE INTENT OF THE CONTRACT DOCUMENT.
2. IN NO CASE, SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE STRUCTURAL DRAWINGS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOBSITE AND TO CROSS CHECK ALL DETAILS AND DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.
4. THE STRUCTURAL DRAWINGS REPRESENT THE STRUCTURE IN ITS COMPLETED STATE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL REQUIRED TEMPORARY SHORING AND BRACING TO RESIST ALL CONSTRUCTION LOADS ASSOCIATED WITH COMPLETION OF THE STRUCTURE.
5. IN EXISTING FACILITIES, ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY EXISTING CONDITIONS THAT DIFFER FROM THOSE SHOWN ON THE STRUCTURAL DRAWINGS MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE STRUCTURAL ENGINEER (IN WRITING).

**G. REFERENCE STANDARDS – REFER TO IBC CHAPTER 35 FOR ALL REFERENCE STANDARDS.**

**II. SITE WORK**

**A. ASSUMED GEOTECHNIAL PROPERTIES**

1. FOUNDATIONS ARE DESIGNED BASED ON THE ASSUMED DESIGN INFORMATION OUTLINED IN THIS SECTION. THE CONTRACTOR/OWNER SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER, LICENSED IN THE STATE OF THE PROJECT, TO VISIT THE SITE AND CERTIFY IN WRITING THAT THE FOLLOWING ASSUMED INFORMATION IS CORRECT.
2. ASSUMED DESIGN NET SOIL BEARING CAPAICTY IS AS FOLLOWS:
   A. SPREAD FOOTINGS: 1,500 PSF
   B. STRIP FOOTINGS: 1,500 PSF
3. MINIMUM DEPTH FROM EXTERIOR GRADE TO BOTTOM OF BUILDING PERIMETER FOOTINGS SHALL BE 42". ALL OPEN-AIR FOUNDATIONS SHALL HAVE A MINIMUM 60" FROST PROTECTION.
4. FOUNDATIONS SHALL NOT BE CAST ON FROZEN SOILS. IF IT IS ANTICIPATED THAT THE SOILS BELOW THE FOUNDATIONS MAY FREEZE, CONTRACTOR SHALL SUBMIT A FROST PROTECTION PLAN IN WRITING TO ENGINEER OF RECORD.
5. THE GEOTECHNICAL ENGINEER SHALL VERIFY THAT THE FOOTING ELEVATIONS SHOWN THE STRUCTURAL ENGINEER SHALL BE NOTIFIED OF LOCATIONS THAT DO NOT SATISFY THOSE REQUIREMENTS. IN THOSE CASES, THE GRADE MAY BE ELEVATED WITH COMPACTED MATERIAL APPROVED BY GEOTECHNICAL ENGINEER OR THE FOOTING DEPTH MAY BE INCREASED WITH PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.

**III. CONCRETE**

**A. CONCRETE MATERIAL PROPERTIES**

| 1. CONCRETE PROPERTIES: | STRENGTH (f'c @ 28 DAYS) | MAX W/C RATIO |
|---|---|---|
| FOOTINGS | 3,000 PSI | |
| PIERS, GRADE BEAMS & FOUNDATION WALLS | 4,000 PSI | |
| INTERIOR SLAB ON GRADE | 4,000 PSI | |
| EXTERIOR CONCRETE (SLAB ON GRADE, PIERS, SITE WALLS, AND RETAINING WALLS) | 5,000 PSI | .40 |

1. CYLINDER TESTING SHALL BE COMPLETED PER ACI-318, SECTION 26.12. TESTING REPORTS SHALL BE PROVIDED TO THE OWNER AND ENGINEER OF RECORD AT A MINIMUM. PREFERABLE DELIVERY METHOD IS VIA E-MAIL.
2. ALL EXTERIOR CONCRETE, PERMANENTLY EXPOSED TO WEATHER (DOES NOT APPLY TO BURIED FOUNDATIONS), SHALL BE AIR ENTRAINED TO GIVE THE CONCRETE AN AIR CONTENT OF 6% +/- 1% BY VOLUME. NATURALLY OCCURRING AIR CONTENT SHALL NOT EXCEED 3% FOR NON-AIR ENTRAINED MIXES.
3. CONCRETE MIX DESIGNS & SUPPORTIVE DATA MUST BE SUBMITTED FOR APPROVAL PER ACI 318 SECTION 26.4.3.1(B), AND ACI-301, SECTION 1.5.

**B. REINFORCING MATERIAL PROPERTIES**

| 1. REINFORCING PROPERTIES: | $f_y$ (KSI) | ASTM |
|---|---|---|
| ALL BARS, UNO | 60 | A615 |
| TIES & STIRRUPS | 60 | A615 |

**C. CAST IN PLACE CONCRETE**

1. ALL CONCRETE SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH IBC CHAPTER 19 AND ACI 318.
2. ALL REINFORCING SHALL BE DETAILED, FABRICATED & PLACED IN ACCORDANCE WITH CRSI "MANUAL OF STANDARD PRACTICE". THE STEEL REINFORCING SUPPLIER SHALL SUBMIT SHOP DRAWINGS FOR ALL ELEMENTS & MEMBERS WITH REINFORCING FURNISHED BY THE SUPPLIER.
3. PER ACI 26.6.2.2(A) and 26.10.2(B), ALL REINFORCEMENT SHALL BE PLACED AND SUPPORTED PRIOR TO PLACING CONCRETE. "WET STICKING" OF REBAR, INCLUDING DOWELS IS PROHIBITED.
4. SLEEVES EMBEDDED IN SLABS AND WALLS SHALL BE LOCATED CLEAR BETWEEN REINFORCING BARS AND SHALL MAINTAIN CLEAR SPACING EQUAL TO THE DIAMETER OF THE LARGEST SLEEVE IN ANY DIRECTION. SLEEVE GROUPS THAT DO NOT COMPLY WITH THE ABOVE REQUIREMENTS SHALL BE CONSIDERED AS AN OPENING AND REINFORCED PER NOTE #5 BELOW.
5. UNLESS NOTED OTHERWISE ON THE DRAWINGS: PROVIDE EXTRA REINFORCING ON ALL SIDES OF ALL MISCELLANEOUS WALL AND SLAB OPENINGS EQUAL TO ONE HALF THE INTERRUPTED REINFORCING BARS EACH SIDE BUT NOT LESS THAN 2 - #5 FOR EACH LAYER OF REINFORCEMENT. EXTEND BARS CLASS 'B' LAP LENGTH BUT NOT LESS THAN 2 FEET BEYOND EDGE OF OPENINGS. PROVIDE 2 - #4x4'-0" DIAGONAL BARS AT EACH CORNER FOR EACH LAYER OF REINFORCEMENT.
6. PROVIDE A ¾" CHAMFER ON ALL EXPOSED CORNERS OF CONCRETE.
8. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR CONCRETE FINISH REQUIREMENTS.
9. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

| | MINIMUM COVER (IN) |
|---|---|
| CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH | 3 |
| CONCRETE EXPOSED TO EARTH OR WEATHER: | |
| #6 THRU #18 BARS | 2 |
| #5 & SMALLER BARS | 1 ½ |
| CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: | |
| SLABS & WALLS: | |
| #14 & #18 BARS | 1 ½ |
| #11 AND SMALLER BARS | ¾ |

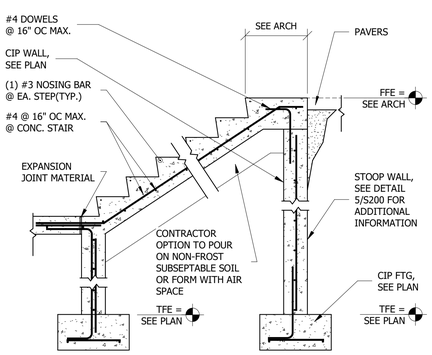
**IV. STEEL**

**A. STEEL MATERIAL PROPERTIES**

| 1. STEEL PROPERTIES: | STRENGTH (PSI) | ASTM |
|---|---|---|
| STRUCTURAL WIDE FLANGE SHAPES | 50,000 | A992 |
| OTHER STRUCT. SHAPES & PLATES, ETC. | 36,000 | A36 |
| HIGH STRENGTH BOLTS, U.N.O. | 74,000 | A325 |
| WELDING ELECTRODES | E70XX | A233 |
| STRUCTURAL PIPE | 35,000 | A53 GRADE B |
| THREADED RODS (Fu = 58,000) | 36,000 | A36 |
| HEAVY HEX CARBON STEEL NUTS | | A563 |
| HARDENED CARBON STEEL WASHERS | | A436 |
| EXPANSION BOLTS SHALL BE HILTI KWIK BOLT 3 OR PRE-APPROVED EQUAL. | | |

**B. STRUCTURAL STEEL**

1. STRUCTURAL STEEL DESIGN & CONSTRUCTION SHALL CONFORM TO IBC CHAPTER 22, AISC "LOAD & RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" & AISC "CODE OF STANDARD PRACTICE," APPLY U.N.O.
2. STRUCTURAL STEEL SUPPLIER SHALL SUBMIT SHOP DRAWINGS FOR ALL MATERIAL SUPPLIED. IN ADDITION, THE STRUCTURAL STEEL SUPPLIER SHALL SUBMIT DRAWINGS AND CALCULATIONS CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT FOR ALL STAIRS, LADDERS, RAILINGS, CAP PLATES, BEARING PLATES, BASE PLATES, STIFFENERS, SPLICES, CONNECTIONS AND ANY OTHER COMPONENTS DESIGNED BY THE SUPPLIER.
4. ALL STRUCTURAL STEEL MEMBERS SHALL BE CLEANED TO SSPC-SP3, AND PRIMED WITH STANDARD SHOP PRIMER WITH THE EXCEPTION OF AREA TO BE FIELD WELDED, EMBEDDED IN CONCRETE, RECEIVE FIELD FIRE PROTECTION, OR WITH SLIP CRITICAL CONNECTIONS.
5. THIS STRUCTURE IS A NON-SELF SUPPORTING STEEL FRAME REQUIRING INTERACTION WITH OTHER ELEMENTS TO PROVIDE THE REQUIRED STABILITY. THE STEEL ERECTOR SHALL PROVIDE TEMPORARY BRACING UNTIL FINAL STABILITY IS PROVIDED. AS A MINIMUM, TEMPORARY BRACING SHALL BE PROVIDED AT EACH GRID IN BOTH DIRECTIONS.
6. BOLTED CONNECTIONS SHALL BE 3/4" DIA., A325 BEARING-TYPE WITH THREADS INCLUDED IN THE SHEAR PLANE. INSTALL BOLTS IN PROPERLY ALIGNED HOLES AND TIGHTEN TO A SNUG-TIGHT CONDITION AS DEFINED BY THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" U.N.O.




1 CIP STAIR DETAIL

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PRINTED NAME: JOE A NICHOLSON

DATE: 11/22/24 LICENSE #: 44104

# CENTRAL SQUARE REHABILITATION

PRELIMINARY: NOT FOR CONSTRUCTION

GLENWOOD, MN


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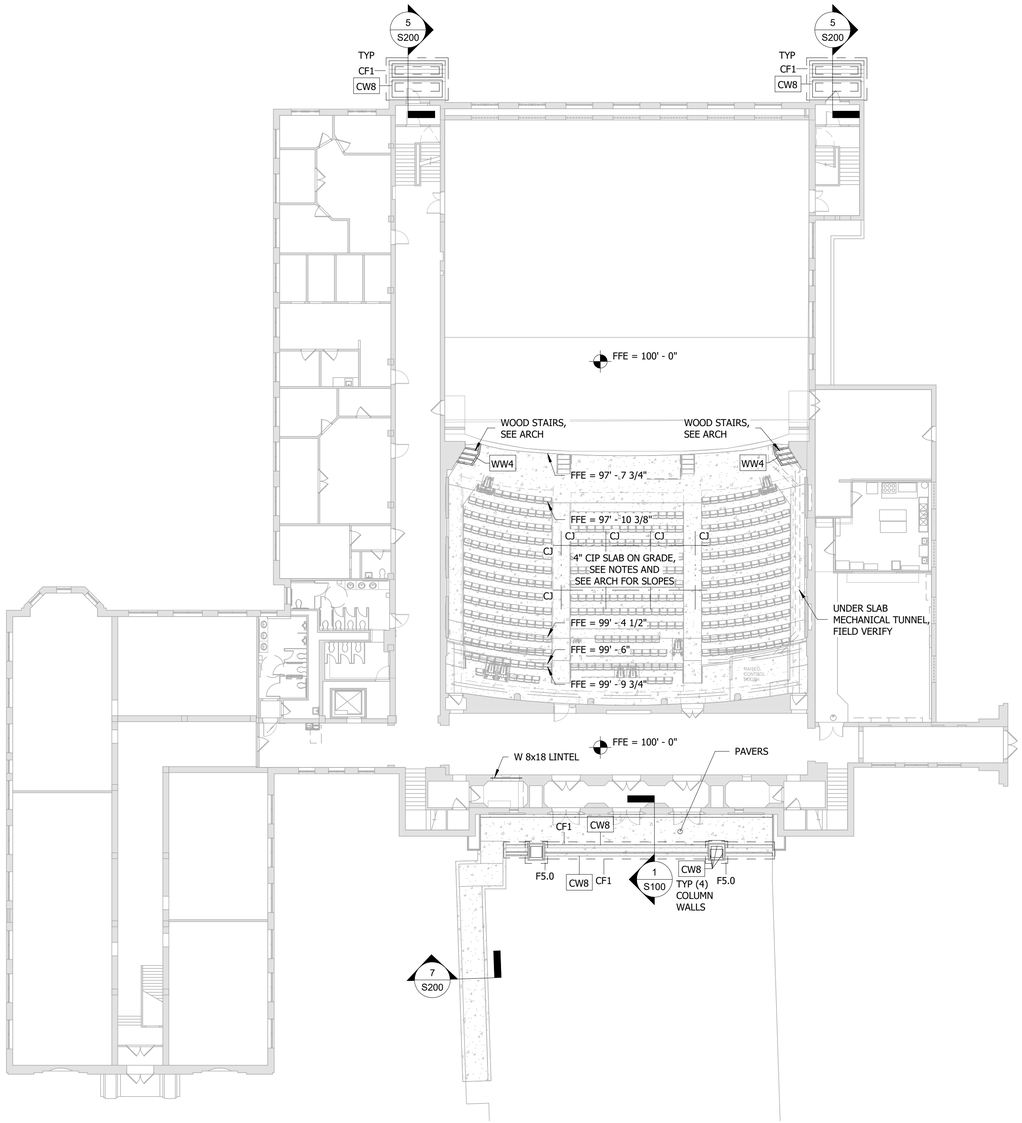

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## GENERAL NOTES

DRAWING NO.

# S100




## 1 MAIN LEVEL OVERALL PLAN
1/16" = 1'-0"

FOUNDATION PLAN NOTES:

1. SEE PLAN FOR FOOTING ELEVATIONS.
2. TOP OF FOOTING ELEVATION SHALL MEET THE FOLLOWING UNLESS NOTED OTHERWISE ON PLAN:
   A. EXTERIOR FOOTINGS: 96'-0"
3. 'F1' ON PLAN DENOTES SPREAD FOOTING TYPE. SEE SCHEDULE ON SHEET S200 FOR ADDITIONAL INFORMATION. SPREAD FOOTINGS SHALL BE CENTERED ON COLUMNS AND WALL INTERSECTIONS UNLESS NOTED OTHERWISE ON PLAN.
4. 'CF1' ON PLAN DENOTES CONTINUOUS STRIP FOOTING. SEE SCHEDULE ON SHEET S200 FOR ADDITIONAL INFORMATION. STRIP FOOTINGS SHALL BE CENTERED ON FOUNDATION WALLS UNLESS NOTED OTHERWISE ON PLAN.
5. 'CW1' ON PLAN DENOTES CAST-IN-PLACE (CIP) WALL TYPE. SEE SCHEDULE ON SHEET S200 FOR ADDITIONAL INFORMATION.

SLAB ON GRADE CONTROL JOINT PLAN NOTES:

1. TOP OF INTERIOR SLAB ELEVATION IS 100' - 0" UNO, SEE ARCH. FOR SLAB SLOPES AND ELEVATIONS. SEE ARCH. AND CIVIL DRAWINGS FOR DATUM ELEVATIONS.
2. INTERIOR SLAB-ON-GRADE SHALL BE 4" THICK UNREINFORCED ON A 10-MIL VAPOR BARRIER (SEE GEOTECHNICAL REPORT FOR ADDTIONAL INFORMATION).
3. 'C.J.' ON PLAN DENOTES TYPICAL SLAB CONTROL JOINT LAYOUT.
   A. MAXIUMUM SPACING = 10' - 0"
   B. MAXIMUM PANEL ASPECT RATIO = 1.5 (LONG SIDE / SHORT SIDE)
   C. VERIFY JOINT LOCATIONS WITH ARCH

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### CIP CONCRETE WALL SCHEDULE

| MARK | WALL THICKNESS | VERTICAL REINFORCEMENT | HORIZONTAL REINFORCEMENT | REINFORCEMENT LOCATION | COMMENTS |
|---|---|---|---|---|---|
| CW8 | 8" | #4 BARS @ 16" o.c. | #4 BARS @ 12" o.c. | CENTER | |

**CIP CONCRETE WALL SCHEDULE NOTES:**

1. SPACING OF CONSTRUCTION OR CONTROL JOINTS IN WALL EXPOSED TO VIEW SHALL NOT EXCEED 25 FEET UNLESS NOTED OTHERWISE ON DRAWINGS. LOCATE FIRST CONTROL JOINT WITHIN 15 FEET OF CORNERS. CUT THE HORIZONTAL REINFORCING AT CONTROL JOINTS IN HALF.
2. SEE GENERAL NOTES ON SHEET S100 FOR ADDITIONAL REQUIREMENTS.
3. SEE FOUNDATION AND WALL DETAILS 6 / S200 FOR DETAILING AT JOINTS, CORNERS, AND INTERSECTIONS.
4. VERTICAL REINFORCING IS PRIMARY. WHEN INDICATED AS INSIDE FACE ABOVE, PLACE VERTICAL REINFORCING CLOSEST TO INSIDE (INTERIOR FACE OF WALL AND HORIZONTAL REINFORCING BEHIND THAT. WHERE CENTERED IS INDICATED ABOVE, CENTER THE VERTICAL REINFORCING AND PLACE HORIZONTAL REINFORCING ON EITHER SIDE OF THE VERTICAL BARS.
5. SEE SCHEDULES ON SHEET S000 FOR REBAR LAP SPLICES FOR COATED AND UNCOATED REBAR.
6. REFER TO ARCHITECTURAL DRAWINGS FOR VENEER SHELF ELEVATIONS AT FOUNDATION WALL.
7. PROVIDE STANDARD 90-DEGREE HOOK DOWELS BETWEEN FOUNDATIONS AND WALLS EQUAL TO THE SIZE AND SPACING OF THE VERTICAL REINFORCING UNLESS NOTED OTHERWISE. WET STICKING OF DOWELS NOT PERMITTED UNLESS APPROVED IN WRITING BY S.E.O.R.
8. SLEEVES EMBEDDED IN WALLS SHALL BE LOCATED CLEAR BETWEEN REINFORCING BARS AND SHALL MAINTAIN CLEAR SPACING EQUAL TO THE DIAMETER OF THE LARGEST SLEEVE IN ANY DIRECTION. SLEEVE GROUPS THAT DO NOT COMPLY WITH THE ABOVE REQUIREMENTS SHALL BE CONSIDERED AS AN OPENING AND REINFORCED PER NOTE #6 BELOW.
9. UNLESS NOTED OTHERWISE ON THE DRAWINGS: PROVIDE EXTRA REINFORCING ON ALL SIDES OF ALL MISCELLANEOUS WALL OPENINGS EQUAL TO ONE HALF THE INTERRUPTED REINFORCING BARS EACH SIDE BUT NOT LESS THAN 2 - #5 FOR EACH LAYER OF REINFORCEMENT. EXTEND BARS CLASS 'B' LAP LENGTH BUT NOT LESS THAN 2 FEET BEYOND EDGE OF OPENINGS. PROVIDE 2 - #4x4'-0" DIAGONAL BARS AT EACH CORNER FOR EACH LAYER OF REINFORCEMENT.

### CIP STRIP FOOTING SCHEDULE

| MARK | FOOTING SIZE | CONTINUOUS REINFORCEMENT | TRANSVERSE REINFORCEMENT | COMMENTS |
|---|---|---|---|---|
| CF1 | 2' - 0" x 12" | (2) - #5 | -- | |

**CONTINUOUS FOOTING SCHEDULE NOTES:**

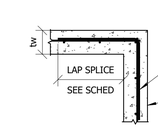
1. CONTINUOUS FOOTINGS SHALL BE CENTERED UNDER WALLS UNLESS NOTED OTHERWISE ON PLAN.
2. SEE GENERAL NOTES ON SHEET S100 FOR ADDITIONAL REQUIREMENTS.
3. SEE SCHEDULE ON SHEET S000 FOR REBAR LAP SPLICES FOR COATED AND UNCOATED REBAR.
4. ALL REINFORCING IN BOTTOM OF FOOTING UNLESS NOTED OTHERWISE.

### CIP PAD FOOTING SCHEDULE

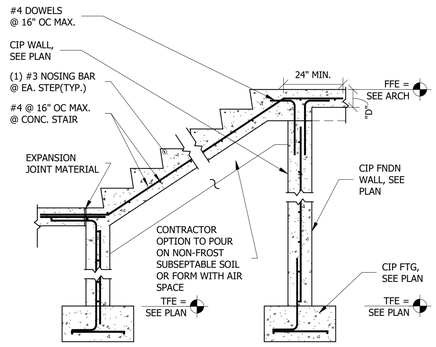
| MARK | FOOTING SIZE | BOTTOM REINFORCEMENT | TOP REINFORCEMENT | COMMENTS |
|---|---|---|---|---|
| F5.0 | 5'-0" x 5'-0" x 1'-0" | (4) - #5 EACH WAY | N/A | |

**SPREAD FOOTING SCHEDULE NOTES:**

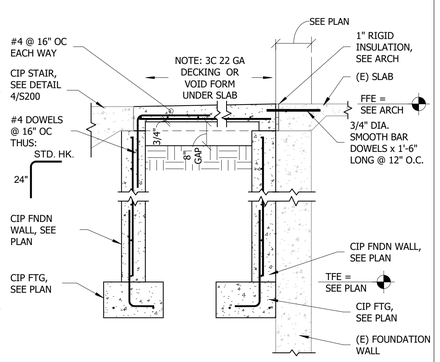
1. SPREAD FOOTINGS SHALL BE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE ON PLAN.
2. SEE GENERAL NOTES ON SHEET S100 FOR ADDITIONAL REQUIREMENTS.
3. SEE SCHEDULE ON SHEET S000 FOR REBAR LAP SPLICES FOR COATED AND UNCOATED REBAR.



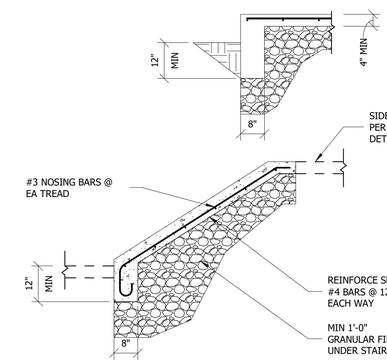

## 6 CIP WALL CORNER REINFORCEMENT
NO SCALE



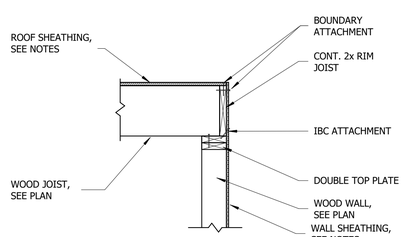

## 4 CIP STAIR DETAIL
NO SCALE



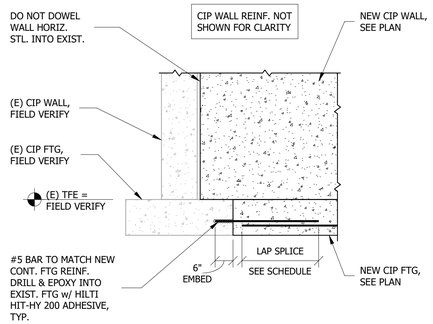

## 5 CIP STOOP DETAIL
NO SCALE




## 7 CIP PATH DETAIL
NO SCALE




## 8 WOOD STAIR DETAIL
NO SCALE




## 2 FOOTING TIE-IN DETAIL
NO SCALE




## 3 SLAB TIE-IN DETAIL
NO SCALE

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PRINTED NAME: JOE A NICHOLSON

DATE: 11/22/24 LICENSE #: 44104

# CENTRAL SQUARE REHABILITATION

PRELIMINARY: NOT FOR CONSTRUCTION

GLENWOOD, MN

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| CHECKED BY: | JAN |
| PROJECT NO.: | 08124002 |

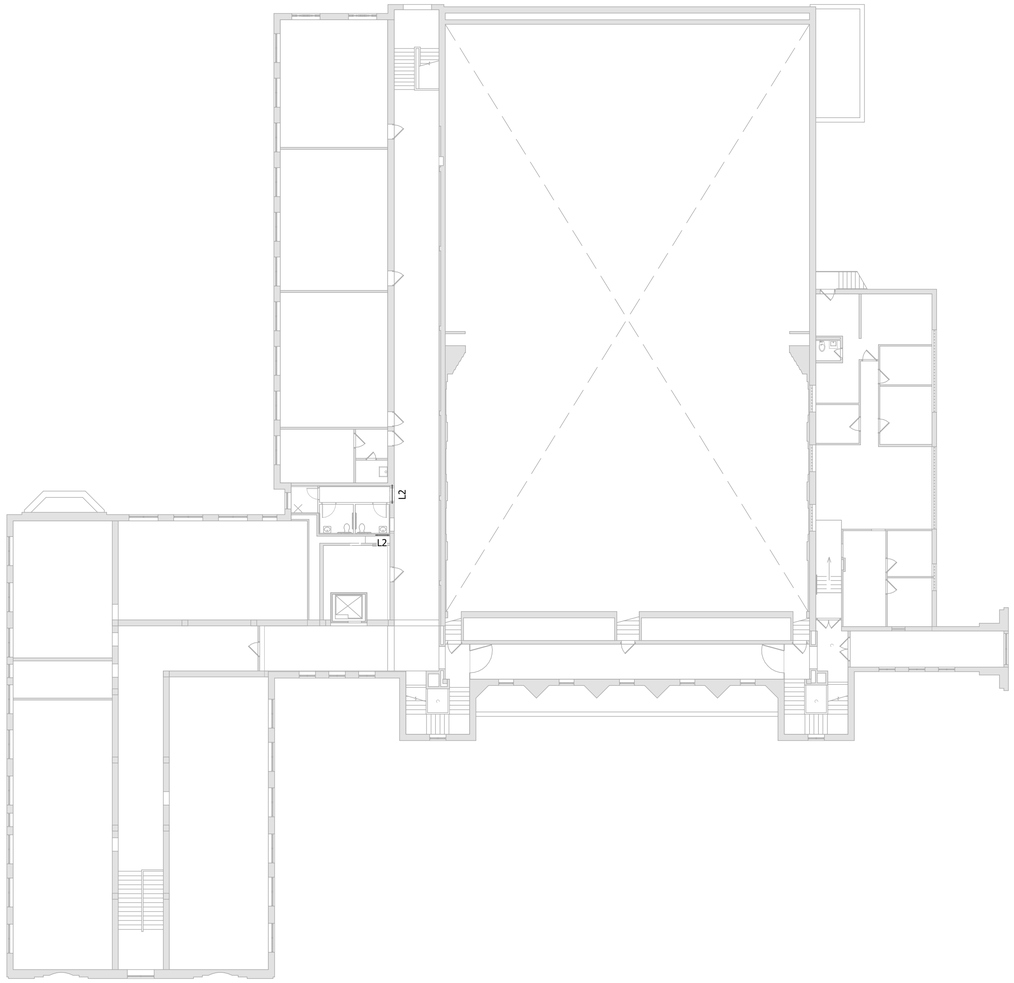
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# MAIN LEVEL OVERALL PLAN

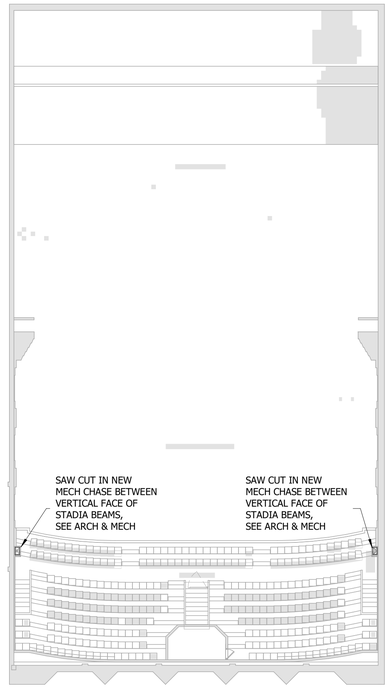
DRAWING NO.

# S200

| LOOSE ANGLE LINTEL SCHEDULE | | | | |
|---|---|---|---|---|
| MARK | ANGLE SIZE | MAXIMUM CLEAR OPENING WIDTH | MAXIMUM CARRIED BRICK HEIGHT | COMMENTS |
| L1 | L3x3x3/16 | WIDTH ≤ 4' - 0" | 4' - 0" | |
| L2 | L5x3 1/2x5/16 (LLV) | 4' - 0" < WIDTH ≤ 6' - 0" | 6' - 0" | |
| | | | | |




1 SECOND FLOOR FRAMING PLAN
1/16" = 1'-0"




3 THIRD FLOOR FRAMING PLAN
1/16" = 1'-0"

DESIGN TREE
engineering + land surveying
Corporate Office:
120 17th Ave W Alexandria, MN 56308
888-216-1916

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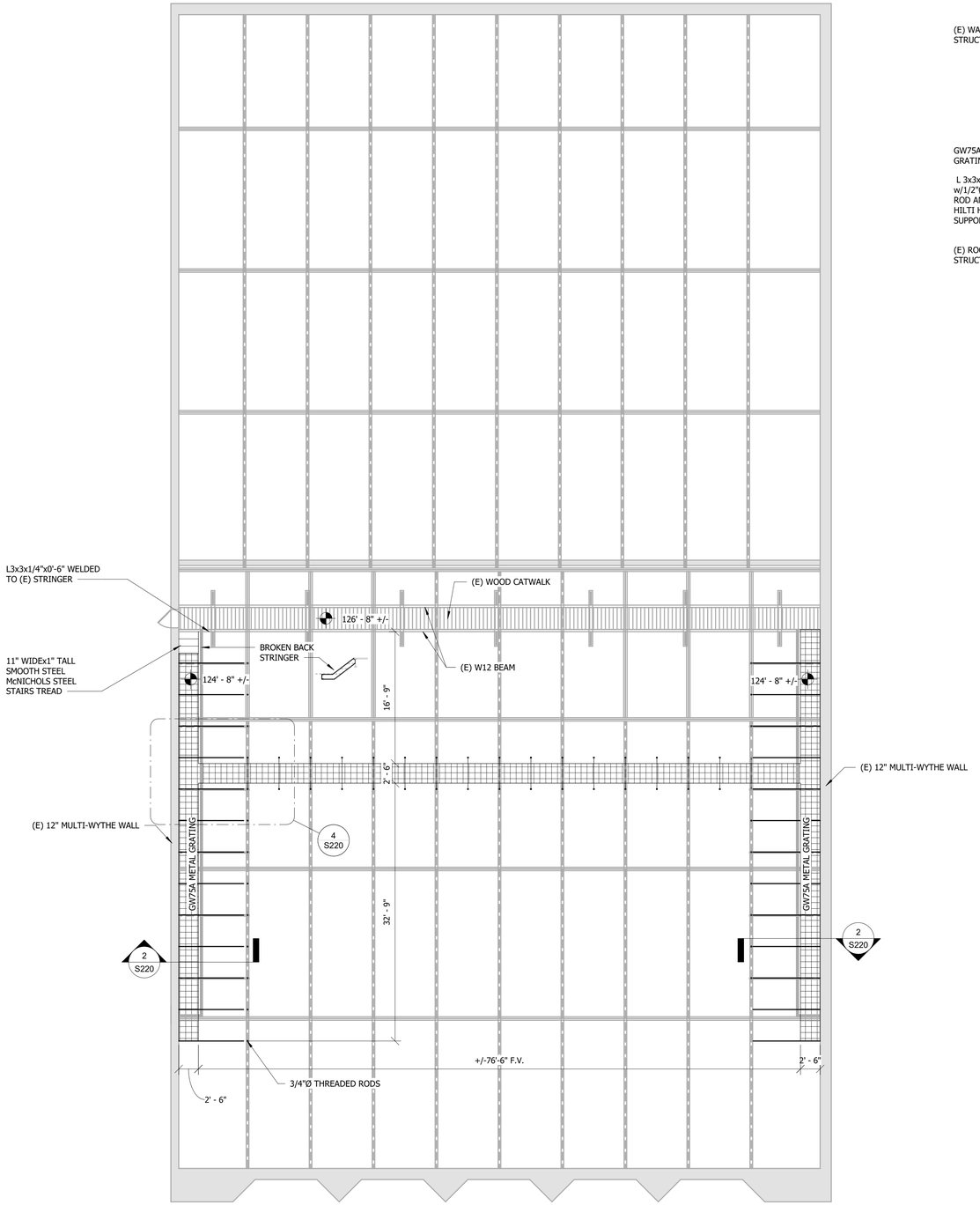
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## SECOND FLOOR PLAN

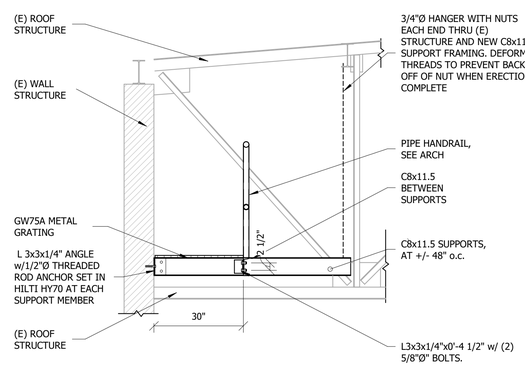
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# S210

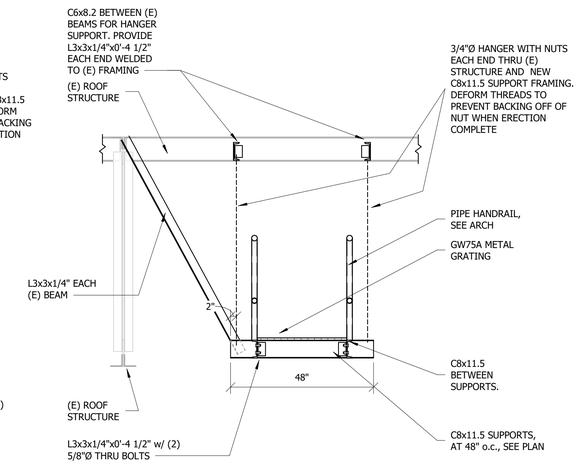
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1 ALTERNATE No 2 - CATWALK FRAMING PLAN
1/8" = 1'-0"




2 CATWALK FRAMING SECTION
NO SCALE




3 CATWALK FRAMNG SECTION
NO SCALE




4 ENLARGED CATWALK FRAMNG
NO SCALE

ROOF PLAN NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR ROOF PITCHES AND ELEVATIONS.

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## CATWALK FRAMING PLAN

DRAWING NO.

# S220

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# PLUMBING, HEATING, VENTILATION & AIR CONDITIONING SYMBOLS & ABBREVIATIONS LEGEND

- COLD WATER PIPING
- HOT WATER PIPING
- CIRCULATING HOT WATER PIPING
- RO — REVERSE OSMOSIS WATER PIPING
- SAN — SANITARY PIPING
- UNDERGROUND SANITARY PIPING
- COND — CONDENSATE PIPING
- VENT PIPE ABOVE GRADE
- HWS — HEATING WATER SUPPLY
- HWR — HEATING WATER RETURN
- CWS — CHILLED WATER SUPPLY
- CWR — CHILLED WATER RETURN
- HP STM — HIGH PRESSURE STEAM
- LP STM — LOW PRESSURE STEAM
- STM — STEAM
- A — COMPRESSED AIR
- G — GAS
- OX — OXYGEN
- V — VACUUM
- RD — ROOF DRAIN
- FUEL OIL SUPPLY
- FOR — FUEL OIL RETURN

- GATE OR BALL VALVE
- CHECK VALVE
- BACKFLOW PREVENTER
- BALANCING VALVE
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- UNION
- SAFETY VALVE
- 2-WAY MODULATING CONTROL VALVE
- 3-WAY MODULATING CONTROL VALVE
- WATER FLOW MEASURING DEVICE
- STRAINER
- PRESSURE GAUGE
- IN LINE PUMP
- FLEX CONNECTION

- IN LINE PUMP W/SUCTION DIFFUSER
- PIPE DOWN
- PIPE UP
- BOTTOM PIPE TAKE-OFF
- TOP PIPE TAKE-OFF
- E — CAPPED PIPE
- T — THERMOSTAT
- NT — NIGHT THERMOSTAT
- FS — FLOAT SWITCH
- FLOOR DRAIN
- CONNECT TO EXISTING

- 24x12 — RECTANGULAR DUCT WITH ACOUSTICAL LINING
- FLEXIBLE CONNECTION IN DUCT
- SIDEWALL GRILLE OR REGISTER WITH TYPE, NECK SIZE, AND AIRFLOW INDICATED (SUPPLY) — S-1 10x10 400
- SIDEWALL GRILLE OR REGISTER WITH TYPE, NECK SIZE, AND AIRFLOW INDICATED (RETURN) — R-1 10x10 400
- SUPPLY REGISTER OR GRILLE
- EXHAUST OR RETURN REGISTER OR GRILLE
- SQUARE ELBOW WITH TURNING VANES
- STANDARD RADIUS ROUND ELBOW (RADIUS OF CENTERLINE OF DUCT EQUAL TO 1.5 x DUCT WIDTH OR DIAMETER)
- DEMOLITION WORK INDICATED BY CROSSHATCHED LINES OVER ITEMS TO BE REMOVED AND AS NOTED.

- MANUAL VOLUME DAMPER
- F — FIRE DAMPER (FD)
- S — SMOKE DAMPER (SD)
- F/S — COMBINATION FIRE/SMOKE DAMPER (F/S)
- MOTOR OPERATED DAMPER
- RECTANGULAR DUCT TO CEILING DIFFUSER
- FLEXIBLE ROUND DUCT TO CEILING DIFFUSER
- DASHED LINE INDICATES EQUIPMENT ON ROOF
- (UP) (DN) — POSITIVE PRESSURE DUCT – SUPPLY, RELIEF, ETC.
- (UP) (DN) — NEGATIVE PRESSURE DUCT – RETURN, EXHAUST, OUTSIDE AIR, ETC.
- RISER THRU FLOOR OR ROOF ABOVE – POSITIVE & NEGATIVE PRESSURE
- 24x12 — RECTANGULAR DUCT WITH SIZE INDICATED.
- 24ø — ROUND DUCT WITH SIZE INDICATED.

| | |
|---|---|
| A | AIR |
| ABS | ACRYLON, TRILE-BUTADIENE-STYRENE |
| A/C | ABOVE CEILING |
| AC | AIR CONDITIONING |
| ACP | ASBESTOR CEMENT PIPE |
| ADJ | ADJUSTABLE |
| AFF | ABOVE FINISHED FLOOR |
| ALUM | ALUMINUM |
| AMP | AMPS |
| AP | ACCESS PANEL |
| ARCH | ARCHITECT |
| AS | AIR SEPARATOR |
| ASHRAE | AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS |
| ASME | AMERICAN SOCIETY OF MECHANICAL ENGINEERS |
| BD | BALANCING DAMPER |
| B/G | BELOW GRADE |
| BFP | BACKFLOW PREVENTER |
| BTU | BRITISH THERMAL UNIT |
| CA | COMBUSTION AIR |
| CAP | CAPACITY |
| CFM | CUBIC FEET PER MINUTE |
| CL | CENTER LINE |
| CLG | CEILING |
| CO | CLEANOUT |
| COMPT | COMPARTMENT |
| CONC | CONCRETE |
| COND | CONDENSATE |
| CONT | CONTINUED |
| CONTR | CONTRACTOR |
| CP | CONTROL PANEL |
| CW | COLD WATER |
| CWR | CHILLED WATER RETURN |
| CWS | CHILLED WATER SUPPLY |
| D | DRYER |
| DB | DECIBEL |
| DIA | DIAMETER |
| DN | DOWN |
| DMPR | DAMPER |
| DS | DOWNSPOUT |
| DWG | DRAWING |
| EAT | ENTERING AIR TEMPERATURE |
| ECG | EGG CRATE GRILL |
| EFF | EFFICIENCY |
| EJ | EXPANSION JOINT |
| ELEC | ELECTRICAL |
| EWT | ENTERING WATER TEMPERATURE |
| EXH | EXHAUST |
| EXIST | EXISTING |
| F | FAHRENHEIT |
| FA | FRESH AIR |
| FCO | FLOOR CLEAN OUT |
| FD | FIRE/SMOKE DAMPER OR FLOOR DRAIN |
| FDC | FIRE DEPARTMENT CONNECTION |
| FLEX | FLEXIBLE |
| FT | FEET |
| FTG | FOOTING |
| FURN | FURNISHED |
| GA | GAUGE |
| GAL | GALLON |
| GC | GENERAL CONTRACTOR |
| GPH | GALLONS PER HOUR |
| GPM | GALLONS PER MINUTE |
| HB | HOSE BIB |
| HFMD | HEATING FLOW MEASURING DEVICE |
| HP | HORSE POWER |
| HTG | HEATING |
| HTR | HEATER |
| HVAC | HEATING VENTILATING AND AIR CONDITIONING |
| HW | HOT WATER |
| HWR | HOT WATER RETURN |
| HWS | HOT WATER SUPPLY |
| HYD | HYDRANT |
| GCO | GRADE CLEANOUT |
| INSUL | INSULATION |
| INV | INVERT |
| KEC | KITCHEN EQUIPMENT CONTRACTOR |
| KW | KILOWATT |
| LAT | LEAVING AIR TEMPERATURE |
| LB | POUNDS |
| LIN | LINEAR |
| LWT | LEAVING WATER TEMPERATURE |
| M | METER |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MIN | MINIMUM |
| MFG | MANUFACTURER |
| MH | MANHOLE |
| MOD | MOTOR OPERATED DAMPER |
| MOTZ | MOTORIZED |
| NC | NORMALLY CLOSED |
| NEC | NATIONAL ELECTRIC CODE |
| NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| NIC | NOT IN CONTRACT |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| OA | OUTSIDE AIR |
| OFD | OVERFLOW DRAIN |
| OFCI | OWNER FURNISH CONTRACTOR INSTALLS |
| OFOI | OWNER FURNISH OWNER INSTALLS |
| PLBG | PLUMBING |
| PSIA | POUNDS/SQ INCH ABSOLUTE |
| PSIG | POUNDS/SQ INCH GAUGE |
| PVC | POLYVINYL CHLORIDE |
| RA | RETURN AIR OR RELIEF AIR |
| RD | ROOF DRAIN |
| RECIRC | RECIRCULATING |
| REF | REFERENCE ONLY |
| REG | REGISTER |
| REIN | REINFORCED |
| RET | RETURN |
| REQ | REQUIRED/REQUIREMENTS |
| RH | RELATIVE HUMIDITY |
| RHW | RECIRCULATED HOT WATER |
| RL | RAIN LEADER |
| RLA | RELIEF AIR |
| RM | ROOM |
| RPM | REVOLUTIONS PER MINUTE |
| SA | SUPPLY AIR |
| SAF | SUPPLY AIR FAN |
| SAN | SANITARY |
| SCW | SOFT COLD WATER |
| SD | SMOKE DAMPER |
| SIM | SIMILAR |
| SP | STATIC PRESSURE |
| SPECS | SPECIFICATIONS |
| SUP | SUPPLY |
| SQ | SQUARE |
| SS | SANITARY SEWER |
| ST | STORM DRAIN |
| STM | STEAM |
| SYS | SYSTEM |
| TEMP | TEMPERATURE |
| TOF | TOP OF FAN |
| TOD | TOP OF DECK |
| T-STAT | THERMOSTAT |
| TYP | TYPICAL |
| UG | UNDERGROUND |
| UON | UNLESS OTHERWISE NOTED |
| V | SANITARY VENT |
| (V) | VERIFY |
| VAC | VACUUM |
| VD | VOLUME DAMPER |
| VCP | VITRIFIED CLAY PIPE |
| VAC | VACUUM |
| VEL | VELOCITY |
| VTR | VENT THRU ROOF |
| W | WASHER |
| W/ | WITH |
| W/O | WITHOUT |
| WCO | WALL CLEAN OUT |
| WFD | WATER FLOW DEVICE |
| WTR | WATER |
| WP | WATERPROOF OR WEATHER PROOF |
| MC | MECHANICAL CONTRACTOR |
| EC | ELECTRICAL CONTRACTOR |
| FPC | FIRE PROTECTION CONTRACTOR |

## GENERAL NOTES - HVAC

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS:

1. ALL EQUIPMENT SHALL BE UL TESTED AND BEAR UL STAMP.
2. ROUTE ALL PIPING AND DUCTWORK PARALLEL TO BUILDING LINES UNLESS OTHERWISE NOTED.
3. ALL HEATING PIPING, COOLING PIPING AND DUCTWORK SHALL BE CONCEALED ABOVE SUSPENDED CEILINGS AND IN MECHANICAL CHASES UNLESS NOTED OR INDICATED OTHERWISE. PIPING AND DUCTWORK SHALL BE EXPOSED IN ROOMS WITHOUT CEILINGS. EXPOSED PIPING AND DUCTWORK IN FINISHED SPACES SHALL BE PAINTED TO MATCH WALL OR CEILING AS APPROVED BY ARCHITECT/OWNER. THE PAINTING SHALL BE DONE BY THE CONTRACTOR INSTALLING THE PIPING OR DUCTWORK UNLESS OTHERWISE APPROVED BY ARCHITECT.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SLEEVES AND/OR OPENINGS REQUIRED TO INSTALL PIPES AND DUCTS THROUGH FOUNDATIONS, FLOOR SLABS, WALLS, BEAMS, AND ROOF.
5. CEILING ACCESS SHALL BE PROVIDED AT ALL VALVES, FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DAMPERS, MANUAL AND MOTORIZED DAMPERS, AND OTHER ITEMS REQUIRING SERVICE OR INSPECTION. WHERE ACCESS IS REQUIRED TO SPACE ABOVE INACCESSIBLE CEILINGS, CEILING ACCESS DOORS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE.
6. COORDINATE WITH OTHER TRADES TO PREVENT CONFLICTS WITH THE INSTALLATION OF MECHANICAL WORK. PROVIDE ADEQUATE SPACE FOR EQUIPMENT SERVICING AND COMPONENT REPLACEMENT.
7. SEAL ALL SPACE AROUND PIPING, WIRING AND DUCTWORK PENETRATIONS OF WALLS AND FLOORS WITH FIRESTOPPING MATERIAL. ALSO SEAL ALL THE EXTERIOR WALL AND ROOF PENETRATIONS WATERTIGHT.
8. CONTRACTOR SHALL GIVE 7 DAY NOTICE TO THE ENGINEER TO WITNESS DUCT LEAKAGE TESTS ON SUPPLY, RETURN, AND EXHAUST SYSTEMS. THE DESIGN ENGINEER AND OWNER SHALL DETERMINE THE FREQUENCY AND EXTEND OF TESTING IF ANY TESTS FAIL.
9. PROVIDE OFFSETS AND TRANSITIONS AS MAY BE REQUIRED TO INSTALL DUCTWORK AND PIPING. IF DUCTWORK HAS TO BE RECONFIGURED TO FIT WITHIN SPACE, IT SHALL BE RESIZED TO EQUAL FRICTION LOSS. INSTALL DUCTWORK AND PIPING WITHIN THE JOIST SPACE WHERE REQUIRED TO PERMIT INSTALLATION OF ALL WORK AND ALLOWANCES FOR WORK OF OTHER TRADES.
10. CUTTING, DEMOLITION, AND PATCHING OF WALLS, FLOOR, AND REMOVAL AND REPLACEMENT OF CEILINGS, REQUIRED TO INSTALL MECHANICAL EQUIPMENT, ARE TO BE COORDINATED BY, AND PAID FOR BY THE MECHANICAL CONTRACTOR.
11. THIS CONTRACTOR SHALL PROVIDE COMPLETE FIRE CAULKING FOR ALL WALL, FLOOR AND CEILING PENETRATIONS. THIS INCLUDES ALL COOLING, HEATING, AND PROCESS PIPING, CONTROL WIRING AND CONDUIT, ALL DUCTWORK, BREECHING, AIR INTAKE PENETRATIONS, ETC. NECESSITATED BY HIS WORK.

## GENERAL NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS:

1. ALL EQUIPMENT SHALL BE UL TESTED AND BEAR UL STAMP.
2. ROUTE ALL PLUMBING PIPING PARALLEL TO BUILDING LINES UNLESS OTHERWISE NOTED.
3. ALL PLUMBING PIPING SHALL BE CONCEALED ABOVE SUSPENDED CEILINGS AND IN MECHANICAL CHASES UNLESS NOTED OR INDICATED OTHERWISE. PLUMBING PIPING SHALL BE EXPOSED IN ROOMS WITHOUT CEILINGS. EXPOSED PIPING AND DUCTWORK IN FINISHED SPACES SHALL BE PAINTED TO MATCH WALL OR CEILING AS APPROVED BY ARCHITECT/OWNER. THE PAINTING SHALL BE DONE BY THE CONTRACTOR INSTALLING THE PLUMBING PIPING UNLESS OTHERWISE APPROVED BY ARCHITECT.
4. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SLEEVES AND/OR OPENINGS REQUIRED TO INSTALL PLUMBING PIPES THROUGH FOUNDATIONS, FLOOR SLABS, WALLS, BEAMS, AND ROOF.
5. CEILING ACCESS SHALL BE PROVIDED AT ALL VALVES. WHERE ACCESS IS REQUIRED TO SPACE ABOVE INACCESSIBLE CEILINGS, CEILING ACCESS DOORS (VERIFY RATING WITH ARCHITECTS PLANS) SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS NOTED OTHERWISE.
6. COORDINATE WITH OTHER TRADES TO PREVENT CONFLICTS WITH THE INSTALLATION OF MECHANICAL WORK. PROVIDE ADEQUATE SPACE FOR EQUIPMENT SERVICING AND COMPONENT REPLACEMENT.
7. DOMESTIC PIPING, DRAIN PIPING, AND PLUMBING PIPING. SHALL BE COORDINATED WITH OTHER TRADES BEFORE BEING INSTALLED. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH ARCHITECTURAL REFLECTED CEILING PLANS. FAILURE TO COORDINATE WORK WILL BE REDONE AT THE EXPENSE OF THE CONTRACTOR.
8. PROVIDE HOUSEKEEPING PADS BELOW FLOOR MOUNTED EQUIPMENT. PADS ARE TO BE REINFORCED CONCRETE 4" THICK AND 3" BEYOND THE UNIT EDGES IN ALL DIRECTIONS.
9. PROVIDE SLEEVES WHERE NEEDED FOR PLUMBING WORK. COORDINATE LOCATION OF SLEEVES AND HOLD OUTS REQUIRED WITH THE GENERAL CONTRACTOR PRIOR TO SETTING OF FORMS, WALLS, AND OTHER STRUCTURAL MEMBERS.
10. AFTER FLUSHING THE DOMESTIC WATER PIPING, THE PIPING SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION CONTAINING AT LEAST 200 PPM OF CHLORINE AND THE SYSTEM ALLOWED TO STAND FOR THREE HOURS.
11. DOMESTIC WATER SERVICE PIPING SHALL BE THOROUGHLY FLUSHED AND TESTED WITH 125 PSIG HYDROSTATIC TEST FOR EIGHT (8) HOURS MINIMUM, IN ACCORDANCE WITH ALL STATE, NATIONAL, AND LOCAL PLUMBING CODES.
12. SANITARY SEWER AND VENT PIPING SHALL BE TESTED IN ACCORDANCE WITH STATE, NATIONAL, AND LOCAL PLUMBING CODES. ALL POINTS SHALL BE PLUGGED AND FILLED WITH WATER TO UPPERMOST OUTLET. SYSTEM SHALL STAND FULL OF WATER FOR 24 HOURS OR BE TESTED WITH A 5 PSI AIR TEST FOR 15 MINUTES WITH NO INDICATION OF LEAKS.
13. A FULL SIZE VENT STACK (3 " MINIMUM) SHALL BE PROVIDED CONTINUOUS FROM ITS BASE THROUGH THE ROOF TERMINAL, THIS VENT SHALL BE THE MOST REMOTE STACK FROM THE LOCATION WHERE THE BUILDING DRAIN LEAVES THE BUILDING.
14. ABOVE GRADE HORIZONTAL RUNS OF PLASTIC WASTE AND VENT PIPE CANNOT EXCEED 35 FEET IN TOTAL LENGTH. ABOVE GRADE VERTICAL STACKS CONSTRUCTED OF PLASTIC PIPE MAY EXCEED 35 FEET IN TOTAL HEIGHT ONLY IF AN APPROVED EXPANSION JOINT IS USED.
15. SOLVENT WELD JOINTS IN PVC AND CPVC PIPE MUST INCLUDE USE OF A PRIMER WHICH IS OF CONTRASTING COLOR TO THE PIPE AND CEMENT.
16. PROVIDE ADDITIONAL VOLUME DAMPERS AS REQUIRED FOR BALANCING INDICATED AIRFLOWS.
17. ROUGH-IN FOR AND CONNECT HOT AND COLD WATER, WASTE AND VENT TO ALL FIXTURES AND EQUIPMENT FURNISHED BY OTHERS SUCH AS ICE MACHINES, WASHERS, ETC. THIS CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT REQUIREMENTS AND LOCATIONS AND FOR PROVIDING ALL TRAPS, TAILPIECES, VALVES, AND SUPPLIES FOR EACH ITEM OF EQUIPMENT.
18. ROOFING REPAIRS FOR THE INSTALLATION OF MECHANICAL EQUIPMENT SHALL BE BY MECHANICAL. RUBBER ROOFING SHALL BE REPAIRED BY A CERTIFIED INSTALLER SO THAT ROOFING WARRANTY IS NOT VOIDED.
19. PLUMBING SHALL BE IN STRICT ACCORDANCE TO ALL STATE AND LOCAL PLUMBING CODES. PROVIDE AND INSTALL BACKWATER VALVE IF REQUIRED BY STATE OR LOCAL CODE.

## WATER CLOSET SCHEDULE (WC)

| TAG | WC-1 | WC-2 (ADA) |
|---|---|---|
| MAKE | AMERICAN STANDARD | AMERICAN STANDARD |
| MODEL NUMBER | 2234.001 | 3043.001 |
| MODEL NAME | MADERA | MADERA |
| FIXTURE MATERIAL | VITREOUS CHINA | VITREOUS CHINA |
| TYPE | F.V. H.C. F.M. | F.V. H.C. F.M. |
| FLUSH VALVE MAKE | SLOAN ROYAL | SLOAN ROYAL |
| FLUSH VALVE MODEL NO | 111 ESS-1.6-TMO | 111 ESS-1.6-TMO |
| FIXTURE COLOR/R.I. | WHITE | WHITE |
| WATER CLOSET SEAT NUMBER | CHURCH 9500SSC | CHURCH 9500SSC |
| SEAT COLOR | WHITE | WHITE |
| REMARKS | 2,3,5,10,11,13 | 2,3,5,9,10,11,13,15 |

NOTES:
1. PRESSURE ASSISTED.
2. ELONGATED BOWL.
3. OPEN FRONT SEAT.
4. OPEN FRONT SEAT W/COVER.
5. 1.6 GAL/FLUSH.
6. ANGLED SUPPLY W/WHEEL STOP.
7. ANGLED SUPPLY W/KEYED STOP.
8. CLOSE COUPLED TANK.
9. HANDICAPPED HEIGHT/BARRIER FREE/ADA COMPLIANT.
10. SELF SUSTAINING CHECK HINGE.
11. FLUSH VALVE ON OPEN SIDE.
12. BATTERY POWERED,
13. HARD WIRED W/TRANSFORMER.
14. W/CARRIER.
15. BARRIER FREE

## LAVATORY SCHEDULE (L)

| TAG | L-1 | L-2 |
|---|---|---|
| MAKE | AMERICAN STANDARD | AMERICAN STANDARD |
| MODEL NAME | LUCERNE | OVALYN |
| MODEL NUMBER | 355.012 | 496.221 |
| FIXTURE MATERIAL | VITREOUS CHINA | VITREOUS CHINA |
| FAUCET MAKE | CHICAGO FAUCET | CHICAGO FAUCET |
| FAUCET MODEL NO | E80-A11A-47ABMBT | E80-A11A-47ABMBT |
| FIXTURE COLOR | WHITE | WHITE |
| REMARKS | 1,2,4,5,6,7,8,9,10,14,16,17 | 1,2,4,6,7,8,9,10,14,16 |

NOTES:
1. FLEX. SUPPLIES FOR H&C WATER
2. KEYED ANGLED STOPS
3. 4" TRIM PLATE
4. 17 GA CHROME P-TRAP
5. WALL HUNG W/ CARRIER
6. HOLES TO MATCH FAUCET
7. 120 V ELECTRONIC SENSOR W/24 VOLT TRANSFORMER
8. ESCUTCHEONS
9. INTEGRAL ASSE 1070
10. INSULATED DRAIN & SUPPLIES
11. BATTERY OPERATED SENSOR
12. EXTENDED LEVER HANDLE
13. OVAL BOWL
14. OPEN GRID DRAIN
15. POP-UP WASTE ASSEMBLY
16. FRONT OVERFLOW
17. FAUCET LEDGE
18. COUNTER MOUNTED

## URINAL SCHEDULE (UR)

| TAG | UR-1 (ADA) |
|---|---|
| MAKE | AMERICAN STANDARD |
| MODEL NAME | TRIMBROOK |
| MODEL NUMBER | 6561.017 |
| FIXTURE MATERIAL | VITREOUS CHINA |
| FLUSH VALVE MAKE | SLOAN ROYAL |
| FLUSH VALVE MODEL NO | 180 ESS-1.0-TMO |
| FIXTURE COLOR | WHITE |
| REMARKS | 1,2,3,4,5,6,7,9,10 |

NOTES:
1. WALL HUNG.
2. SIPHON JET.
3. 1.0 GAL/FLUSH.
4. 3/4" TOP SPUD.
5. BARRIER FREE (18" TO RIM).
6. EXPOSED FLUSH VALVE.
7. HARD WIRED W/24 VOLT TRANSFORMER.
8. BATTERY OPERATED.
9. CARRIER.
10. FLUSH VALVE TO MEET ADA FLUSH VALVE HEIGHT REQUIREMENTS.

## ELECTRIC WATER COOLER SCHEDULE (EWC)

| TAG | EWC-1 |
|---|---|
| MAKE | ELKAY |
| MODEL | LZSTL8WSSK |
| CHILLING CAPACITY | 8GPH |
| COLOR | LIGHT GREY GRANITE |
| FL AMPS | 5 |
| ELECTRICAL REQ. | 115V/1PH |
| REMARKS | 1,3,4,5,6,7,8,9,10,11 |

NOTES:
1. 3/8" H&C WATER SUPPLIES.
2. ANGLED WHEEL STOPS.
3. ANGLED KEYED STOPS.
4. 17 GA CHROME P-TRAP W/CLEANOUT.
5. OPEN GRID DRAIN.
6. ESCUTCHEONS.
7. FAUCET LEDGE.
8. SWING SPOUT, VAC. BREAKER WITH 3/4" HOSE THREAD.
9. FLOOR MOUNTED.
10. WALL MOUNTED.

## LAUNDRY TUB SCHEDULE (LT)

| TAG | LT-1 |
|---|---|
| MAKE | FIAT |
| MODEL | FL-1 (SINGLE COMPT.) |
| FIXTURE MATERIAL | MOLDED STONE |
| FAUCET MFGR & MODEL NO. | CHICAGO 891-J-E86VB |
| COLOR | WHITE DRIFT |
| DIMENSIONS | 23 x 21 1/2 |
| NOTES | 1,3,4,5,6,7,8,9 |

NOTES:
1. 3" DRAIN.
2. 3" RUBBER HOSE.
3. MOP HANGER.
4. HOSE BRACKET.
5. COMBINATION DOME STRAINER & LINT BASKET.
6. QUICK DRAIN CONNECTOR.
7. 36" x 24" x 10"
8. 24" x 24" x 10"
9. EXPOSED PIPING.

## MOP BASIN SCHEDULE (MB)

| TAG | MB-1 | |
|---|---|---|
| MAKE | FIAT | |
| MODEL | MSB 2424 | |
| FIXTURE MATERIAL | MOLDED STONE | |
| FAUCET | FIAT 830A/00 | |
| FIXTURE COLOR | #219 WHT W/BLK | |
| REMARKS | 1,2,3,4,5,6,8,9 | |

NOTES:
1. 3" DRAIN.
2. 3" RUBBER HOSE.
3. MOP HANGER.
4. HOSE BRACKET.
5. COMBINATION DOME STRAINER & LINT BASKET.
6. QUICK DRAIN CONNECTOR.
7. 36" x 24" x 10"
8. 24" x 24" x 10"
9. EXPOSED PIPING.

## DOMESTIC EXPANSION TANK (DET)

| TAG | DET-1 |
|---|---|
| MAKE | AMTROL |
| MODEL | ST-70VC |
| SYSTEM | DOMESTIC WATER |
| STYLE | DIAPHRAM |
| DIAPHRAM MAT | HEAVY DUTY BUTYL |
| TANK VOLUME | 34 GAL |
| MAX ACCEPT. VOL. | 15 GAL. |
| TANK PRESSURE | 55 PSI |
| MAX PRESSURE | 150 PSI |
| WEIGHT | 99 LBS |
| DIMENSIONS | 16" DIA x 45" HIGH |
| NOTES: | 1,2,3,4 |

NOTES:
1. PROVIDE PRESSURE GAGE
2. 1 YEAR TANK WARRANTY
3. ASME RATED TANK
4. PROVIDE SIGHT GLASS

## FLOOR DRAIN SCHEDULE (FD)

| TAG | FD-1 |
|---|---|
| MAKE | JR SMITH |
| MODEL | 2005-U |
| ADJUST. STRAINER | N.B. TOP |
| CAST IRON BODY | YES |
| TRENCH DIMENSIONS | NA |
| REMARKS | 2,5,8 |

NOTES:
1. PRIMER TAP.
2. ROUND TOP.
3. WITH LINT BASKET AS DETAILED ON DRAWINGS.
4. WITH INTEGRAL CLEANOUT.
5. VANDAL PROOF SCREWS.
6. WITH FUNNEL.
7. WITH INTEGRAL BACKWATER VALVE.
8. CLAMPING COLLAR WHERE REQUIRED.

## WATER HEATER SCHEDULE

| TAG | WH-1 |
|---|---|
| MANUFACTURER | RHEEM |
| MODEL NAME | MARATHON |
| MODEL NO. | MR20120 |
| TANK CAPACITY | 19.9 |
| INPUT/ELECTRIC | 2 KW |
| VOLTAGE | 120V/60/1-PH |

NOTES:
1. 3/4" T&P RELIEF VALVE
2. 10 YEAR LIMITED TANK WARRANTY/1 YEAR PARTS
3. ANODES NOT REQUIRED
4. ASHRAE/IESS01b-1992
5. POLYBUTENE TANK/POLYETHYLENE OUTER TANK
6. 94% THERMAL EFFICIENT

## FINNED TUBE RADIATION SCHEDULE (BASEMENT)

| | | | COVER | | | | ELEMENT | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FTR# | MANUFACTURER | STYLE | HEIGHT (IN) | DEPTH (IN) | LENGTH (FT) | ENDCAPS | ROWS | ELEMENT SIZE | TUBE SIZE | FPF | FIN LENGTH (FT) | GPM | BTU/FT | TOTAL MBH | NOTES |
| FT-1 | RITTLING | FSOS | 28 | 5 3/8 | WW | N/A | 1 | 4.25x4.25 | 1 1/4 | 40 | 78 | 9.1 | 979.2 | 66578 | 1 |
| FT-2 | RITTLING | FS3 | 24 | 5 3/8 | 5 | RH | 2 | 2.75x4 | 3/4 | 40 | (2) - 3.5 | 1 | 912 | 6400 | 1 |
| FT-3 | RITTLING | FS3 | 24 | 5 3/8 | 5 | LH/RH | 2 | 2.75x4 | 3/4 | 40 | (2) - 3.5 | 1 | 912 | 6400 | 1 |

GENERAL NOTES
1. AVERAGE WATER TEMPERATURE 150 DEGREES AND 65 DEGREES AMBIENT
2. SYSTEM FLUID IS 30% PROPYLENE GLYCOL

SPECIFIC NOTES:
1. CUSTOM COLOR SELECTED BY ARCHITECT

ABBREVIATIONS
- PD PEDESTAL
- ST SLOPE TOP
- TO TOP OUTLET
- FO FRONT OUTLET
- BE BARE ELEMENT
- WW WALL TO WALL
- AWT AVERAGE WATER TEMPERATURE

## POWER VENT SCHEDULE

| TAG | PRV-1 |
|---|---|
| MAKE | GREENHECK |
| MODEL | G-100-VG |
| TYPE | ROOF MTD |
| SERVICE | RESTROOMS |
| CFM | 1,000 |
| ESP IN WC | 0.5 |
| FAN RPM | 1491 |
| SONES | 8.4 |
| HP | 0.5 |
| BHP | 0.2 |
| VOLTAGE/PHASE | 115/1/60 |
| DRIVE | DIRECT |
| WEIGHT | 45 LBS |
| NOTES | 1,4,5,6,7,10,11 |

NOTES:
1. NEMA 1 TOGGLE SWITCH MTD AND WIRED
2. MOTORIZED INSULATED BACKDRAFT DAMPER. ENDSWITCH & ACTUATOR BY ATC CONTRACTOR
3. 0-10 VDC SPEED CONTROLLER BY ATC CONTRACTOR
4. GALVANIZED BIRD SCREEN
5. 24" TALL INSULATED ROOF CURB
6. UL 705 LISTED
7. FOAM CURB SEAL
8. EXTENDED BEARING LUBE LINES
9. NEMA PREMIUM EFFICIENT MOTOR
10. 1 YEAR WARRANTY
11. EC MOTOR WITH MOUNTED POTENTIOMETER DIAL

## FAN COIL UNIT SCHEDULE (HW-Dx) (ALT 3)

| TAG | FC-1 (ALT 3) |
|---|---|
| AREA SERVED | MEETING 102 |
| MANUFACTURER | WILLIAMS |
| MODEL | LH-B012 |
| | |
| SUPPLY FAN TYPE | FC |
| CFM | 850 |
| EXT. S.P. | 0.25 |
| MOTOR HP | .25 HP DC |
| BHP | |
| FLA | 3.5 |
| MCA | 4.375 |
| MOP | 15 |
| VOLTAGE | 115/60/1 |
| DRIVE | DIRECT |
| | |
| COOLING COIL | DX |
| TOTAL BTUH | 35,713 |
| SENSIBLE BTUH | 24,472 |
| EAT DB/WB | 80/67 |
| LAT DB/WB | 52.8/52.7 |
| REFRIGERANT | R410a |
| SST | 45 F |
| CIRCUITS | 2 |
| | |
| HEATING COIL | HOT WATER |
| BTUH | 50,451 |
| EAT | 35 |
| LAT | 91 |
| EWT/LWR | 140/120 |
| GPM | 2 |
| WPD | .9' |
| FLUID | 30% E.G. |
| | |
| FILTER TYPE | PLEATED - MERV 8 |
| WEIGHT (LB) | 215 LBS |
| DIMENSIONS (IN) | 58x24x12 H |
| DISCONNECT | YES |
| NOTES | 1,3,5,6 |

NOTES:
1. PSC MOTOR SPEED CONTROL
2. 0-10 VDC SUPPLY FAN CONTROLLER SUPPLIED AND INSTALLED BY ATC CONTRACTOR.
3. 1" THICKELASTOMERIC CLOSED CELL
4. 1" THICK R6 INJECTED FOAM CASE
5. HANG FROM STRUCTURE PER MFG'S RECOMMENDATIONS
6. DISCONNECT SWITCH PROVIDED BY E.C.
7. VFD PROVIDED BY EQUIPMENT SUPPLIER.

## DIFFUSER SCHEDULE

| TAG | S-1 | S-2 | S-3(ALT M1) | E-1 |
|---|---|---|---|---|
| MAKE | PRICE | PRICE | PRICE | PRICE |
| MODEL | SMD | 520 | SPD | 530 |
| FACE | 4A | LOUVERED | LOUVERED | LOUVERED |
| MOUNTING | SURFACE MOUNT | SURFACE MOUNT | LAY-IN | LAY-IN |
| NC | <20 | <20 | <20 | <20 |
| COLOR | CUSTOM BY ARCH | CUSTOM BY ARCH | CUSTOM BY ARCH | CUSTOM BY ARCH |
| OBD | NO | YES | NO | NO |

NOTES
1. VERIFY FRAME TYPE AND LOCATION WITH ARCHITECT
2. SUBMITTAL TO INCLUDE ROOM SCHEDULE INDICATING DETAILS FOR UNITS IN EACH ROOM.
3. PRESSURE DROP NOT TO EXCEED 0.10" W.C., NC RATING NOT TO EXCEED 30 dB WITH ROOM dB OF 10.

## ELECTRIC UNIT HEATER SCHEDULE

| TAG | EUH-1 |
|---|---|
| MAKE | QMARK |
| MODEL | CU935 |
| CFM | 250 |
| VOLTAGE | 208/1/60 |
| KW | 2 KW |
| AMPS | 10.0 |
| DIMENSIONS | 9.75" D x 35" L x 26.5" H |
| WEIGHT LBS | 120 LBS |

NOTES:
1. COLOR BY ARCHITECT
2. PROVIDE TAMPER PROOF COVER
3. SURFACE MOUNTING FRAME
4. INTEGRAL THERMOSTAT

## CEILING FAN SCHEDULE

| TAG | CF-1,2,3 |
|---|---|
| MANUFACTURER | QMARK |
| MODEL NUMBER | 48201C |
| BLADE SWEEP | 48" |
| COLOR | WHITE |
| VOLTAGE/ PH | 120/1/60 |
| MOTOR WATTS | 45.1 |
| CFM | 3861 |
| WEIGHT | 20 |
| PREWIRED PLUG | NO |
| SECONDARY SUPPORT CABLE | YES |

NOTES
1. E.C. TO PROVIDE & INSTALL SPEED CONTROLLER
2. FANS PROVIDED AND INSTALLED BY M.C.
3. COORDINATE FAN SUPPORT WITH G.C.
4. PROVIDE 36" DOWNROD WITH FAN.

## CONDENSING UNIT (ALT 3)

| TAG | CU-1 |
|---|---|
| MAKE | DAIKIN |
| UNIT SERVICE | FC-1 |
| MODEL | DX7TCA2410 |
| NET COOLING CAPACITY | 22.8 MBH |
| VOLTAGE | 208/230/1 |
| MCA/MFS | 15.3/25 |
| SEER2/EER2 | 15/12.2 |
| COMPRESSOR | TWO STAGE |
| WEIGHT (LBS) | 224 LBS |
| INDOOR COIL | HHR-012 |

NOTES:
1. LOUVERED COIL GUARDS.
2. REFRIGERANT R-410.
3. INSTALL ON CONCRETE HOUSEKEEPING PAD
4. MANUFACTURERS MATCHED INDOOR COIL.


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# CENTRAL SQUARE REHABILITATION

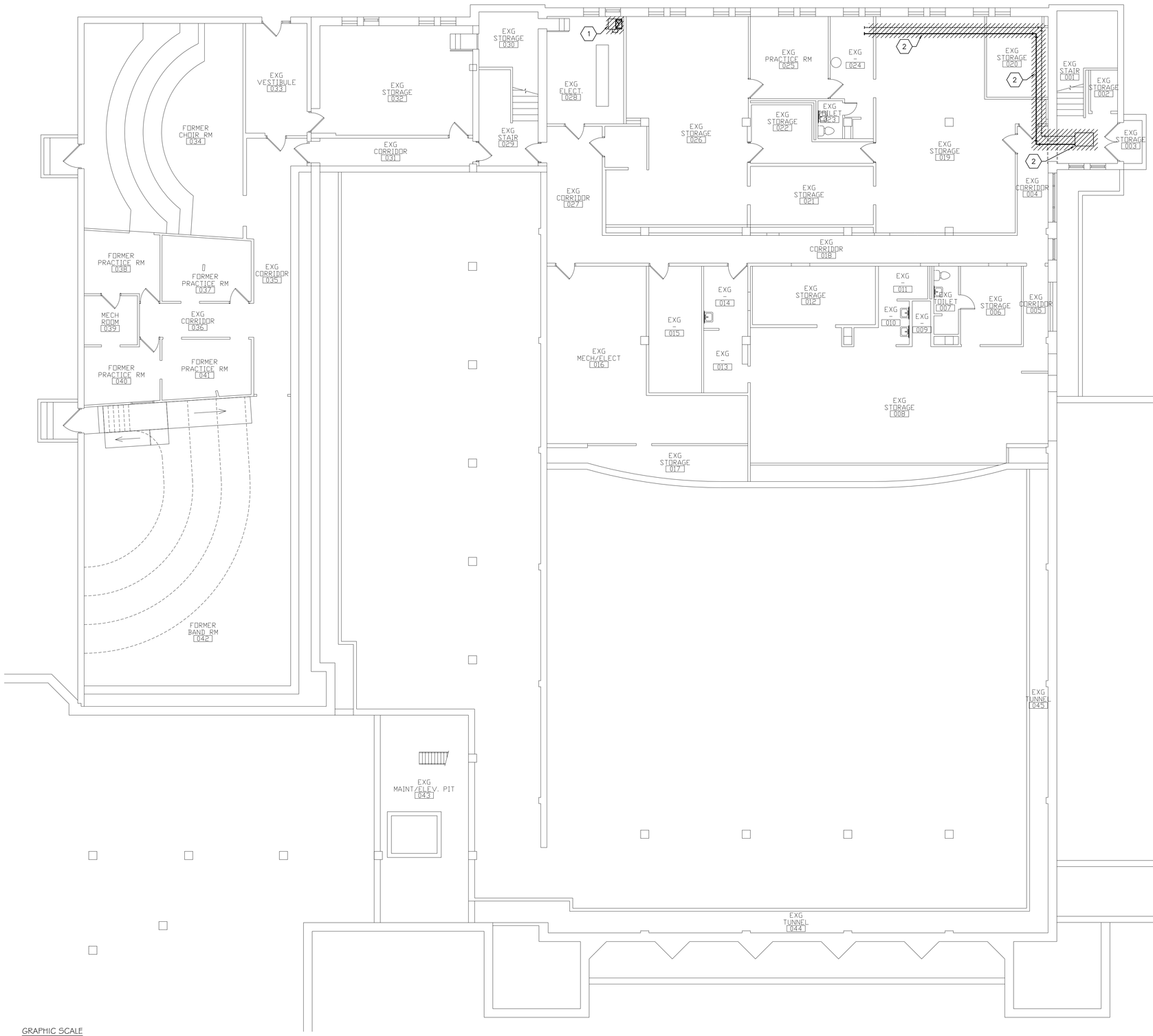
105 SECOND AVE NE
GLENWOOD, MN 56334

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

BRIAN M MARTIN
DATE: 11/22/2024 LIC. NO. 41118

REVISED:

| MARK: | DATE: | DESCRI




GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

1 LOWER LEVEL MECHANICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

## GENERAL MECHANICAL DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS:

1. OWNER HAS FIRST POSSESSION OF ANY AND ALL MECHANICAL EQUIPMENT AND ITEMS BEING REMOVED. IF OWNER DESIRES KEEP FIXTURE OR ANY ITEMS THAT HAVE BEEN REMOVED, STORE WHERE DIRECTED BY OWNER. DISPOSE OF ANY ITEMS PROPERLY THAT THE OWNER DOES NOT DESIRE TO KEEP.
2. DEMOLITION DRAWINGS ARE COOPERATIVE IN NATURE. DRAWINGS WERE DEVELOPED USING RECORD DRAWINS AND ON SITE INVESTIGATIONS. THE MECHANICAL CONTRACTOR (M.C.) IS RESPONSIBLE TO VISIT THE SITE TO VERIFY AND INVESTIGATE ALL CONDITIONS APPLICABLE FOR COMPLETION OF THE CONSTRUCTION WORK. A THOROUGH ON-SITE ANALYSIS OF THE EXISTING CONDITIONS PRIOR TO STARTING WORK TO ASCERTAIN THE FULL SCOPE OF THE DEMOLTION WORK IS REQUIRED.
3. THE M.C. IS TO REPORT TO THE ENGINEER IMMEDIATELY IF ANY DESCREPANCIES OR DISCOVERIES ARE MADE DURING THE DEMOLITION PROCESS THAT CONFLICT WITH THE DRAWINGS.
4. M.C. SHALL CONTACT THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED IN THE DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH THE WORK, OTHERWISE CORRECTION OF SUCH ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ANY WALLS, SURFACES, DOORS, FINISHES, ETC. TO REMAIN THAT ARE DAMAGED BY THE M.C. DURING CONSTRUCTION MUST BE PATCHED, REPAIRED OR REPLACED TO MATCH THE ADJACENT SURFACES.
6. M.C. TO PATCH HOLES IN WALLS AND/OR CEILINGS LEFT BY DEMO'D MECHANICAL EQUIPMENT AND PIPING TO MATCH ADJACENT SURFACES.
7. ALL WORK REQUIRING EXTENDED INCONVEINENCE TO THE OWNER SHALL BE COORDINATED WITH OWNER 7 DAYS IN ADVANCE OF THE WORK.
8. REMOVE ALL ABANDONED OR UNUSED PIPE AND MATERIAL FROM PROJECT AND DISPOSE OF PROPERLY.

## KEYED DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS.

1. DEMOLISH EXISTING UTILITY SET EXHAUST FAN AND ASSOCIATED DUCT THROUGH THE EXTERIOR WALL. WALL PATCHING AND FINISH BY OTHERS.
2. DEMOLISH EXISTING HOT WATER UNIT HEATER, ASSOCIATED PIPING, HANGERS, AND ACCESSORIES BACK TO MAIN. CAP EXISTING PIPING AT HOT WATER MAINS.
3. DEMOLISH EXISTING PLUMBING FIXTURES AS INDICATED. PREPARE EXISTING WATER AND SEWER PIPING FOR REINSTALLATION OF NEW FIXTURES AS INDICATED ON REMODEL PLANS. NEW ANGLE VALVES SHALL BE INSTALLED WHERE APPLICABLE.
4. DEMOLISH EXISTING DRINKING FOUNTAIN AS INDICATED. CAP EXISTING WATER AND SEWER LINES BEHIND WALL TO ALLOW WALL TO BE FILLED IN.
5. DEMOLISH EXSITING FIN TUBE RADIATION, COVER, AND HANGER BRACKETS AS INDICATED. PREPARE EXSITING HOT WATER SUPPLY AND HOT WATER RETURN PIPING FOR CONNECTION TO NEW AS INDICATED ON REMODEL PLANS.
6. DEMOLISH EXISTING PLUMBING FIXTURES AS INDICATED. REMOVE ALL EXISTING ASSOCIATED GALVANIZED WATER PIPING AND CAST IRON WASTE AND VENT PIPING. PREPARE EXISTING CHASE FOR INSTALLATION OF NEW PLUMBING SYSTEMS AS INDICATED ON REMODEL PLANS.
7. DEMOLISH EXISTING SUPPLY PLENUM. CAP THE BACKSIDE OF EXISITNG SUPPLY GRILLE TO NEGATE ANY AIRFLOW THROUGH SAID GRILLE. PREPARE REMAINING SUPPLY DUCT FOR CONNECTION TO NEW AS INDICATED ON REMODEL PLANS.
8. DEMOLISH EXISTING ABANDON CONVECTORS, COVER, HANGERS, AND ANY REMAINING PIPING. FINAL WALL REPAIR AND FINISH BY OTHERS.
9. DEMOLISH ALL REMAINING EXHAUST DUCTWORK IN PLUMBING CHASE. EXISTING WALL OPENINGS REPAIRED BY OTHERS.
10. MODIFY EXISTING CONVECTOR FINTUBE RADIATORS AND COVER AS INDICATED ON DETAIL 9/M5.0. PAINT MODIFIED COVER CUSTOM COLOR AS INDICATED BY ARCHITECT AND REINSTALL MODIFIED COVER.
11. DEMOLISH EXISTING HOT WATER CABINET UNIT HEATER AND ASSOCIATED PIPING BACK TO WALL. PREPARE EXISTING PIPING FOR CONNECTION TO NEW AS DETAILED ON REMODEL PLANS. FINAL WALL FINISH BY OTHERS.
12. DEMOLISH EXISTING SPLIT-SYSTEM COOLING UNIT, CONDENSING UNIT, REFRIGERNAT PIPING, AND CONDENSATE DRAIN. M.C. TO RECOVER ALL REFRIGERANT PRIOR TO COMMENCING DEMOLITION WORK.
13. DEMOLISH EXISTING FLOOR DRAIN AND PLUG SEWER UNDERGRADE. INSTALL CONCRETE AS REQUIRED TO MATCH EXISTING. FINAL FLOOR FINISH BY OTHERS.

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BRIAN M MARTIN
DATE: 11/22/2024 LIC. NO. 41118

REVISED:

| MARK: | DATE: | DESCRIPTION: |
|---|---|---|

| | |
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| COMMISSION NO.: | SE2314 |
| DATE: | 22 NOVEMBER 2024 |
| DRAWN: | CRH |
| CHECKED: | BMM |

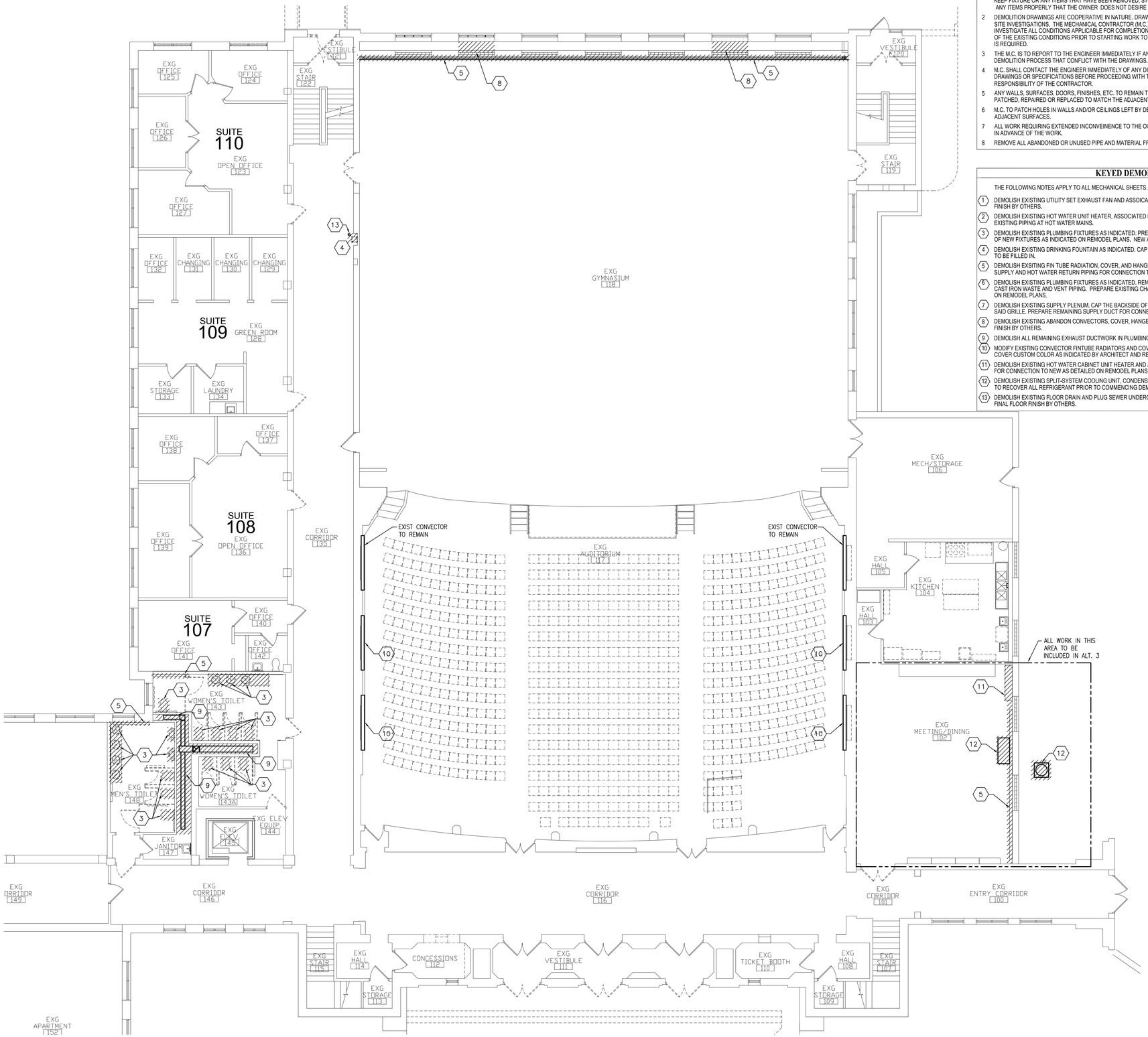
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DRAWING TITLE:

## LOWER LEVEL MECHANICAL DEMOLITION

DRAWING NUMBER:

# MD1.0




GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

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

## GENERAL MECHANICAL DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS:

1. OWNER HAS FIRST POSSESSION OF ANY AND ALL MECHANICAL EQUIPMENT AND ITEMS BEING REMOVED. IF OWNER DESIRES KEEP FIXTURE OR ANY ITEMS THAT HAVE BEEN REMOVED, STORE WHERE DIRECTED BY OWNER. DISPOSE OF ANY ITEMS PROPERLY THAT THE OWNER DOES NOT DESIRE TO KEEP.
2. DEMOLITION DRAWINGS ARE COOPERATIVE IN NATURE. DRAWINGS WERE DEVELOPED USING RECORD DRAWINS AND ON SITE INVESTIGATIONS. THE MECHANICAL CONTRACTOR (M.C.) IS RESPONSIBLE TO VISIT THE SITE TO VERIFY AND INVESTIGATE ALL CONDITIONS APPLICABLE FOR COMPLETION OF THE CONSTRUCTION WORK. A THOROUGH ON-SITE ANALYSIS OF THE EXISTING CONDITIONS PRIOR TO STARTING WORK TO ASCERTAIN THE FULL SCOPE OF THE DEMOLTION WORK IS REQUIRED.
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5. ANY WALLS, SURFACES, DOORS, FINISHES, ETC. TO REMAIN THAT ARE DAMAGED BY THE M.C. DURING CONSTRUCTION MUST BE PATCHED, REPAIRED OR REPLACED TO MATCH THE ADJACENT SURFACES.
6. M.C. TO PATCH HOLES IN WALLS AND/OR CEILINGS LEFT BY DEMO'D MECHANICAL EQUIPMENT AND PIPING TO MATCH ADJACENT SURFACES.
7. ALL WORK REQUIRING EXTENDED INCONVEINENCE TO THE OWNER SHALL BE COORDINATED WITH OWNER 7 DAYS IN ADVANCE OF THE WORK.
8. REMOVE ALL ABANDONED OR UNUSED PIPE AND MATERIAL FROM PROJECT AND DISPOSE OF PROPERLY.

## KEYED DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS.

1. DEMOLISH EXISTING UTILITY SET EXHAUST FAN AND ASSOICATED DUCT THROUGH THE EXTERIOR WALL. WALL PATCHING AND FINISH BY OTHERS.
2. DEMOLISH EXISTING HOT WATER UNIT HEATER, ASSOCIATED PIPING, HANGERS, AND ACCESSORIES BACK TO MAIN. CAP EXISTING PIPING AT HOT WATER MAINS.
3. DEMOLISH EXISTING PLUMBING FIXTURES AS INDICATED. PREPARE EXISTING WATER AND SEWER PIPING FOR REINSTALLATION OF NEW FIXTURES AS INDICATED ON REMODEL PLANS. NEW ANGLE VALVES SHALL BE INSTALLED WHERE APPLICABLE.
4. DEMOLISH EXISTING DRINKING FOUNTAIN AS INDICATED. CAP EXISTING WATER AND SEWER LINES BEHIND WALL TO ALLOW WALL TO BE FILLED IN.
5. DEMOLISH EXSITING FIN TUBE RADIATION, COVER, AND HANGER BRACKETS AS INDICATED. PREPARE EXSITING HOT WATER SUPPLY AND HOT WATER RETURN PIPING FOR CONNECTION TO NEW AS INDICATED ON REMODEL PLANS.
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7. DEMOLISH EXISTING SUPPLY PLENUM. CAP THE BACKSIDE OF EXISITNG SUPPLY GRILLE TO NEGATE ANY AIRFLOW THROUGH SAID GRILLE. PREPARE REMAINING SUPPLY DUCT FOR CONNECTION TO NEW AS INDICATED ON REMODEL PLANS.
8. DEMOLISH EXISTING ABANDON CONVECTORS, COVER, HANGERS, AND ANY REMAINING PIPING. FINAL WALL REPAIR AND FINISH BY OTHERS.
9. DEMOLISH ALL REMAINING EXHAUST DUCTWORK IN PLUMBING CHASE. EXISTING WALL OPENINGS REPAIRED BY OTHERS.
10. MODIFY EXISTING CONVECTOR FINTUBE RADIATORS AND COVER AS INDICATED ON DETAIL 9/M5.0. PAINT MODIFIED COVER CUSTOM COLOR AS INDICATED BY ARCHITECT AND REINSTALL MODIFIED COVER.
11. DEMOLISH EXISTING HOT WATER CABINET UNIT HEATER AND ASSOCIATED PIPING BACK TO WALL. PREPARE EXISTING PIPING FOR CONNECTION TO NEW AS DETAILED ON REMODEL PLANS. FINAL WALL FINISH BY OTHERS.
12. DEMOLISH EXISTING SPLIT-SYSTEM COOLING UNIT, CONDENSING UNIT, REFRIGERNAT PIPING, AND CONDENSATE DRAIN. M.C. TO RECOVER ALL REFRIGERANT PRIOR TO COMMENCING DEMOLITION WORK.
13. DEMOLISH EXISTING FLOOR DRAIN AND PLUG SEWER UNDERGRADE. INSTALL CONCRETE AS REQUIRED TO MATCH EXISTING. FINAL FLOOR FINISH BY OTHERS.

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# CENTRAL SQUARE REHABILITATION

105 SECOND AVE NE
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BRIAN M MARTIN
DATE: 11/22/2024 LIC. NO. 41118

REVISED:

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|---|---|
| COMMISSION NO.: | SE2314 |
| DATE: | 22 NOVEMBER 2024 |
| DRAWN: | CRH |
| CHECKED: | BMM |

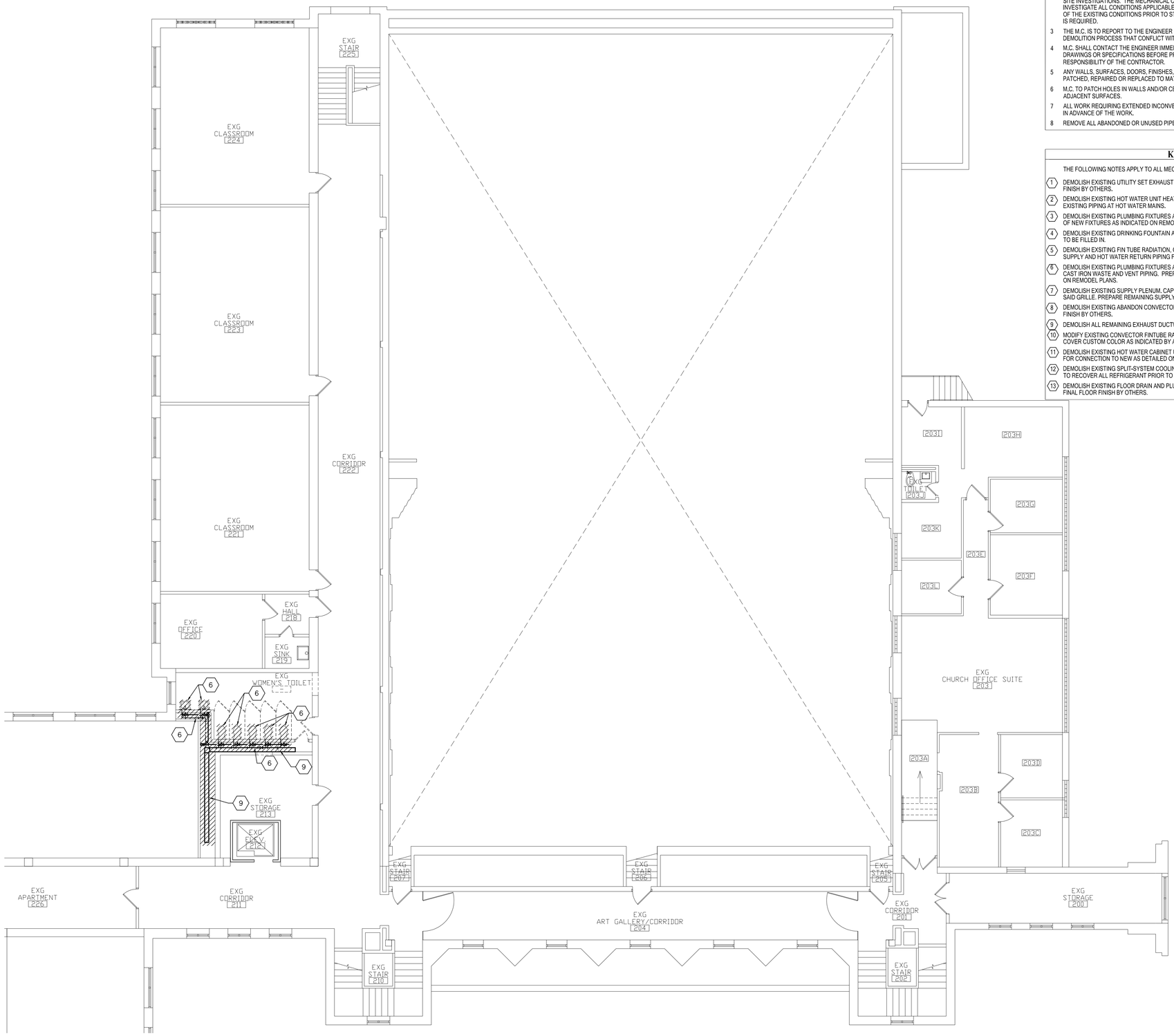
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DRAWING TITLE:

## MAIN LEVEL MECHANICAL DEMOLITION

DRAWING NUMBER:

# MD1.1




GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

1 UPPER LEVEL MECHANICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

## GENERAL MECHANICAL DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS:

1. OWNER HAS FIRST POSSESSION OF ANY AND ALL MECHANICAL EQUIPMENT AND ITEMS BEING REMOVED. IF OWNER DESIRES KEEP FIXTURE OR ANY ITEMS THAT HAVE BEEN REMOVED, STORE WHERE DIRECTED BY OWNER. DISPOSE OF ANY ITEMS PROPERLY THAT THE OWNER DOES NOT DESIRE TO KEEP.
2. DEMOLITION DRAWINGS ARE COOPERATIVE IN NATURE. DRAWINGS WERE DEVELOPED USING RECORD DRAWINS AND ON SITE INVESTIGATIONS. THE MECHANICAL CONTRACTOR (M.C.) IS RESPONSIBLE TO VISIT THE SITE TO VERIFY AND INVESTIGATE ALL CONDITIONS APPLICABLE FOR COMPLETION OF THE CONSTRUCTION WORK. A THOROUGH ON-SITE ANALYSIS OF THE EXISTING CONDITIONS PRIOR TO STARTING WORK TO ASCERTAIN THE FULL SCOPE OF THE DEMOLTION WORK IS REQUIRED.
3. THE M.C. IS TO REPORT TO THE ENGINEER IMMEDIATELY IF ANY DESCREPANCIES OR DISCOVERIES ARE MADE DURING THE DEMOLITION PROCESS THAT CONFLICT WITH THE DRAWINGS.
4. M.C. SHALL CONTACT THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES, ERRORS, OR OMISSIONS DISCOVERED IN THE DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH THE WORK, OTHERWISE CORRECTION OF SUCH ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ANY WALLS, SURFACES, DOORS, FINISHES, ETC. TO REMAIN THAT ARE DAMAGED BY THE M.C. DURING CONSTRUCTION MUST BE PATCHED, REPAIRED OR REPLACED TO MATCH THE ADJACENT SURFACES.
6. M.C. TO PATCH HOLES IN WALLS AND/OR CEILINGS LEFT BY DEMO'D MECHANICAL EQUIPMENT AND PIPING TO MATCH ADJACENT SURFACES.
7. ALL WORK REQUIRING EXTENDED INCONVEINENCE TO THE OWNER SHALL BE COORDINATED WITH OWNER 7 DAYS IN ADVANCE OF THE WORK.
8. REMOVE ALL ABANDONED OR UNUSED PIPE AND MATERIAL FROM PROJECT AND DISPOSE OF PROPERLY.

## KEYED DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS.

1. DEMOLISH EXISTING UTILITY SET EXHAUST FAN AND ASSOICATED DUCT THROUGH THE EXTERIOR WALL. WALL PATCHING AND FINISH BY OTHERS.
2. DEMOLISH EXISTING HOT WATER UNIT HEATER, ASSOCIATED PIPING, HANGERS, AND ACCESSORIES BACK TO MAIN. CAP EXISTING PIPING AT HOT WATER MAINS.
3. DEMOLISH EXISTING PLUMBING FIXTURES AS INDICATED. PREPARE EXISTING WATER AND SEWER PIPING FOR REINSTALLATION OF NEW FIXTURES AS INDICATED ON REMODEL PLANS. NEW ANGLE VALVES SHALL BE INSTALLED WHERE APPLICABLE.
4. DEMOLISH EXISTING DRINKING FOUNTAIN AS INDICATED. CAP EXISTING WATER AND SEWER LINES BEHIND WALL TO ALLOW WALL TO BE FILLED IN.
5. DEMOLISH EXSITING FIN TUBE RADIATION, COVER, AND HANGER BRACKETS AS INDICATED. PREPARE EXSITING HOT WATER SUPPLY AND HOT WATER RETURN PIPING FOR CONNECTION TO NEW AS INDICATED ON REMODEL PLANS.
6. DEMOLISH EXISTING PLUMBING FIXTURES AS INDICATED. REMOVE ALL EXISTING ASSOCIATED GALVANIZED WATER PIPING AND CAST IRON WASTE AND VENT PIPING. PREPARE EXISTING CHASE FOR INSTALLATION OF NEW PLUMBING SYSTEMS AS INDICATED ON REMODEL PLANS.
7. DEMOLISH EXISTING SUPPLY PLENUM. CAP THE BACKSIDE OF EXISITNG SUPPLY GRILLE TO NEGATE ANY AIRFLOW THROUGH SAID GRILLE. PREPARE REMAINING SUPPLY DUCT FOR CONNECTION TO NEW AS INDICATED ON REMODEL PLANS.
8. DEMOLISH EXISTING ABANDON CONVECTORS, COVER, HANGERS, AND ANY REMAINING PIPING. FINAL WALL REPAIR AND FINISH BY OTHERS.
9. DEMOLISH ALL REMAINING EXHAUST DUCTWORK IN PLUMBING CHASE. EXISTING WALL OPENINGS REPAIRED BY OTHERS.
10. MODIFY EXISTING CONVECTOR FINTUBE RADIATORS AND COVER AS INDICATED ON DETAIL 9/M5.0. PAINT MODIFIED COVER CUSTOM COLOR AS INDICATED BY ARCHITECT AND REINSTALL MODIFIED COVER.
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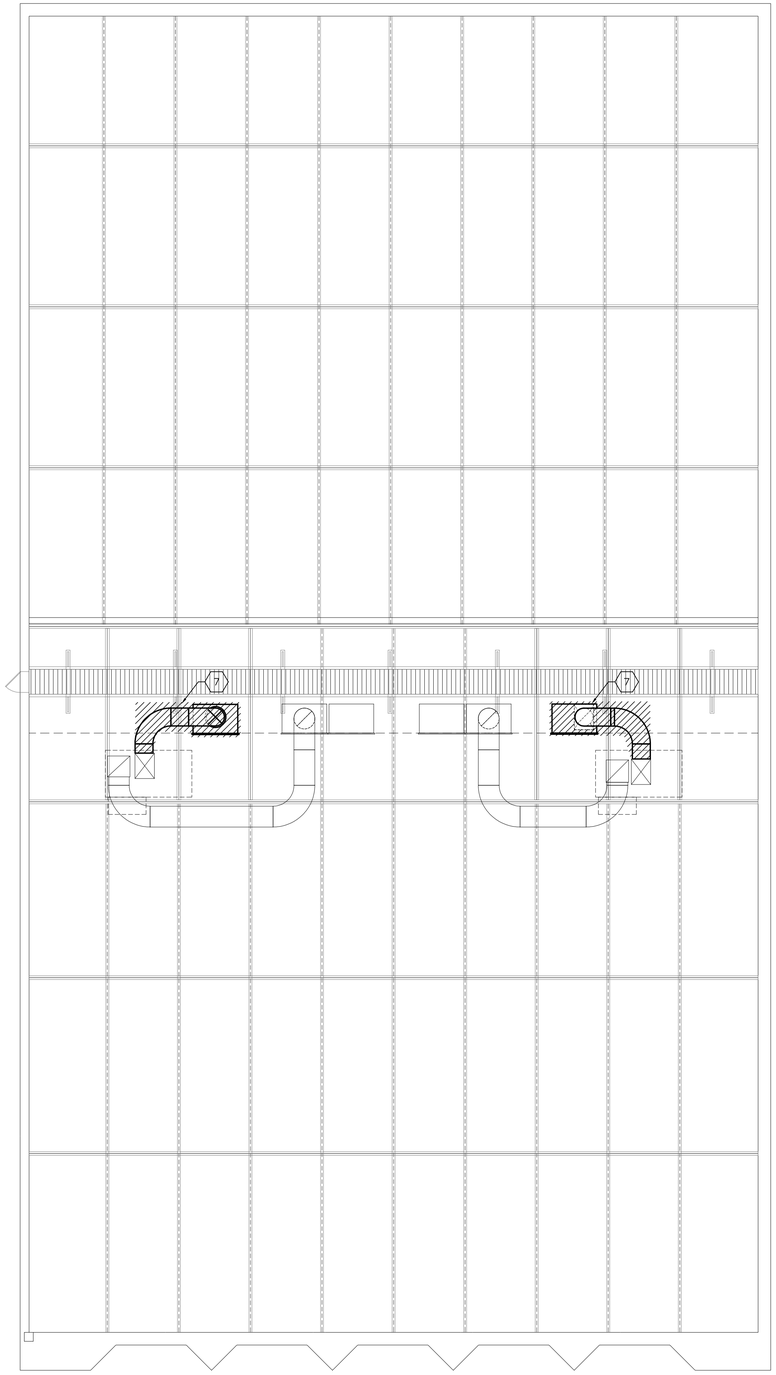
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DRAWING TITLE:

## UPPER LEVEL MECHANICAL DEMOLITION

DRAWING NUMBER:

# MD1.2




1 ATTIC LEVEL MECHANICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

## GENERAL MECHANICAL DEMOLITION NOTES

THE FOLLOWING NOTES APPLY TO ALL MECHANICAL SHEETS:

1. OWNER HAS FIRST POSSESSION OF ANY AND ALL MECHANICAL EQUIPMENT AND ITEMS BEING REMOVED. IF OWNER DESIRES KEEP FIXTURE OR ANY ITEMS THAT HAVE BEEN REMOVED, STORE WHERE DIRECTED BY OWNER. DISPOSE OF ANY ITEMS PROPERLY THAT THE OWNER DOES NOT DESIRE TO KEEP.
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BRIAN M MARTIN
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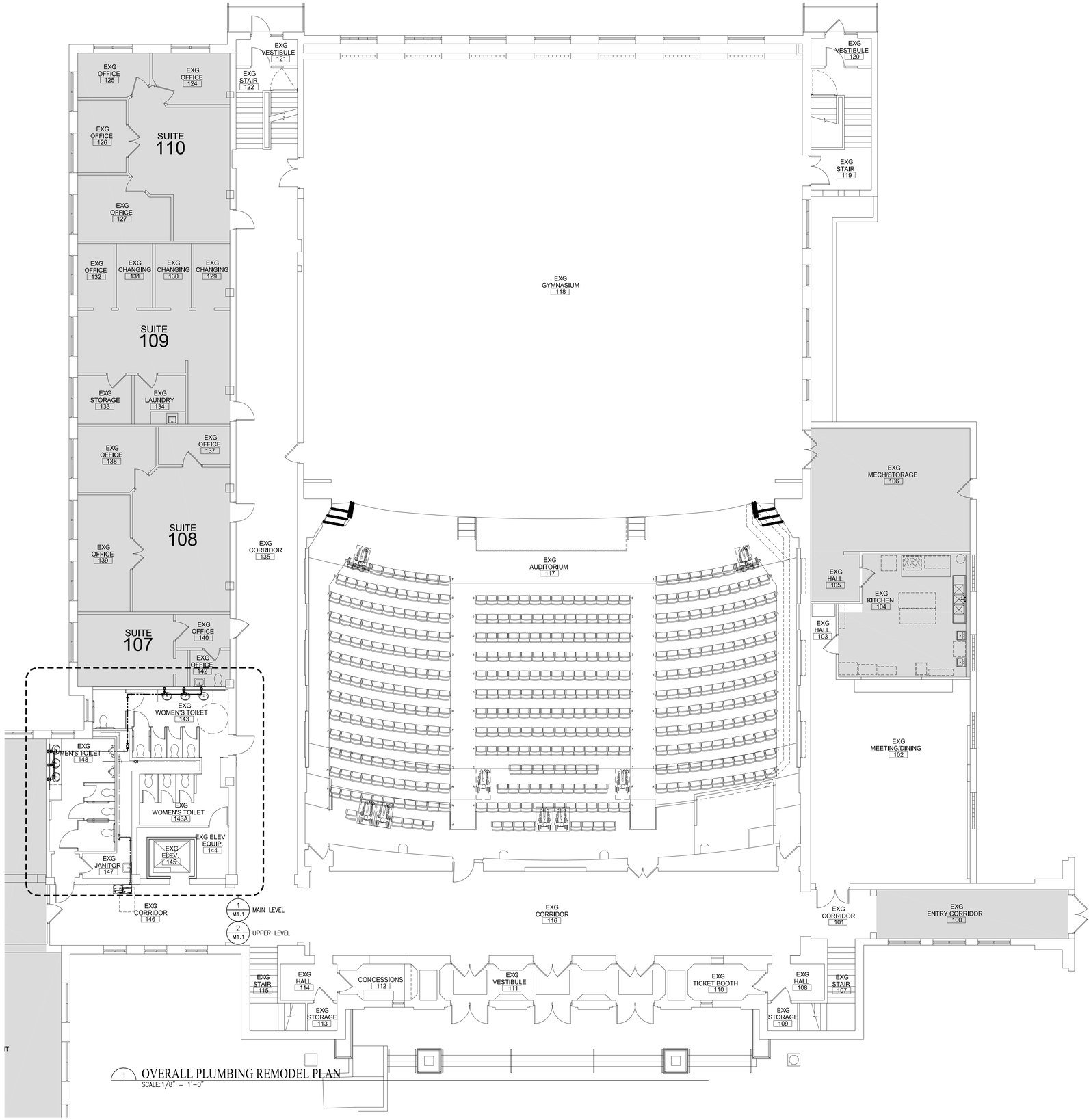
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DRAWING TITLE:

## ATTIC LEVEL MECHANICAL DEMOLITION

DRAWING NUMBER:

# MD1.3




1 OVERALL PLUMBING REMODEL PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

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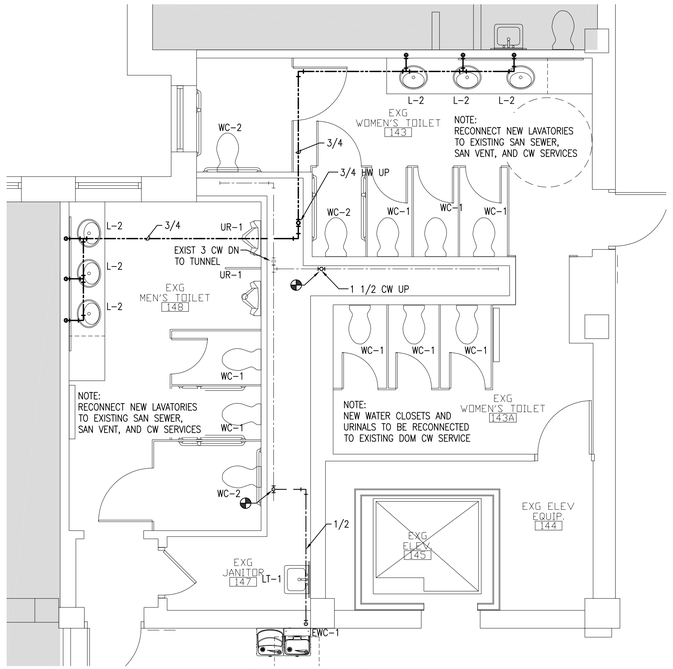
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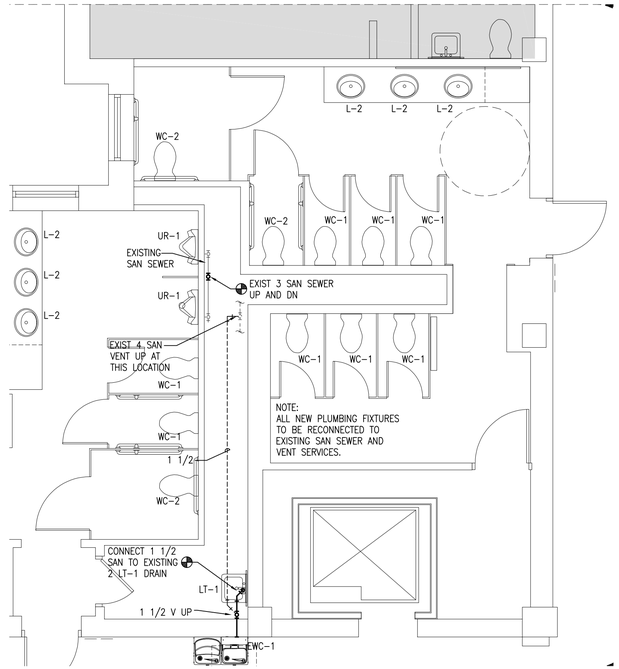
## OVERALL PLUMBING PLAN

DRAWING NUMBER:

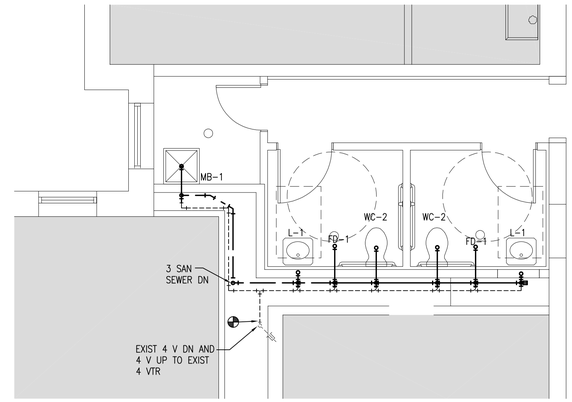
# M1.0



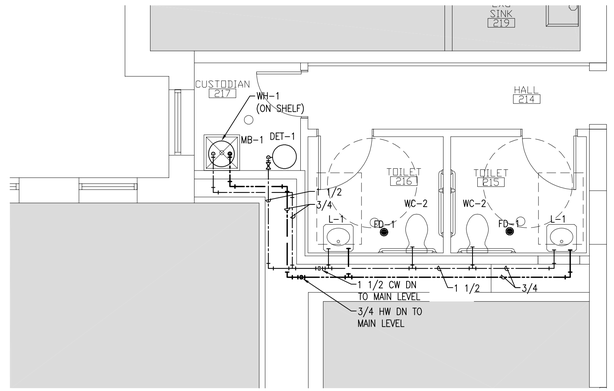

1 MAIN LEVEL - ENLARGED PLUMBING PLAN
SCALE: 1/4" = 1'-0"



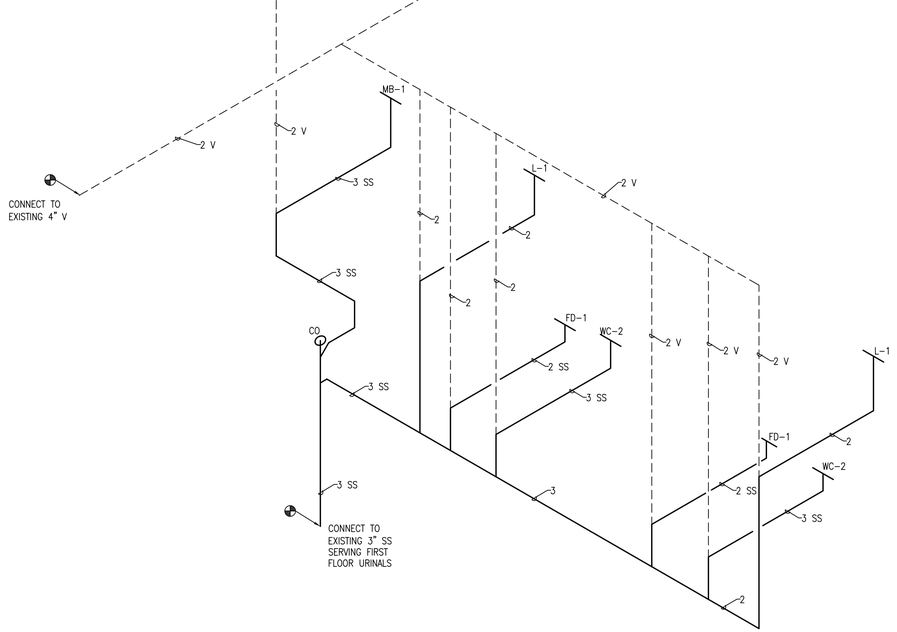

2 MAIN LEVEL - ENLARGED SANITARY PLAN
SCALE: 1/4" = 1'-0"



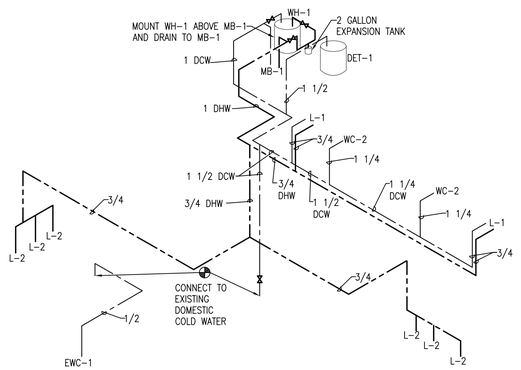

3 UPPER LEVEL - ENLARGED SANITARY/WASTE PLAN
SCALE: 1/4" = 1'-0"




4 UPPER LEVEL ENLARGED DOMESTIC PLAN
SCALE: 1/4" = 1'-0"




5 UPPER LEVEL - SANITARY/WASTE ISOMETRIC DIAGRAM
SCALE: NONE




6 UPPER LEVEL - DOMESTIC ISOMETRIC DIAGRAM
SCALE: NONE

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

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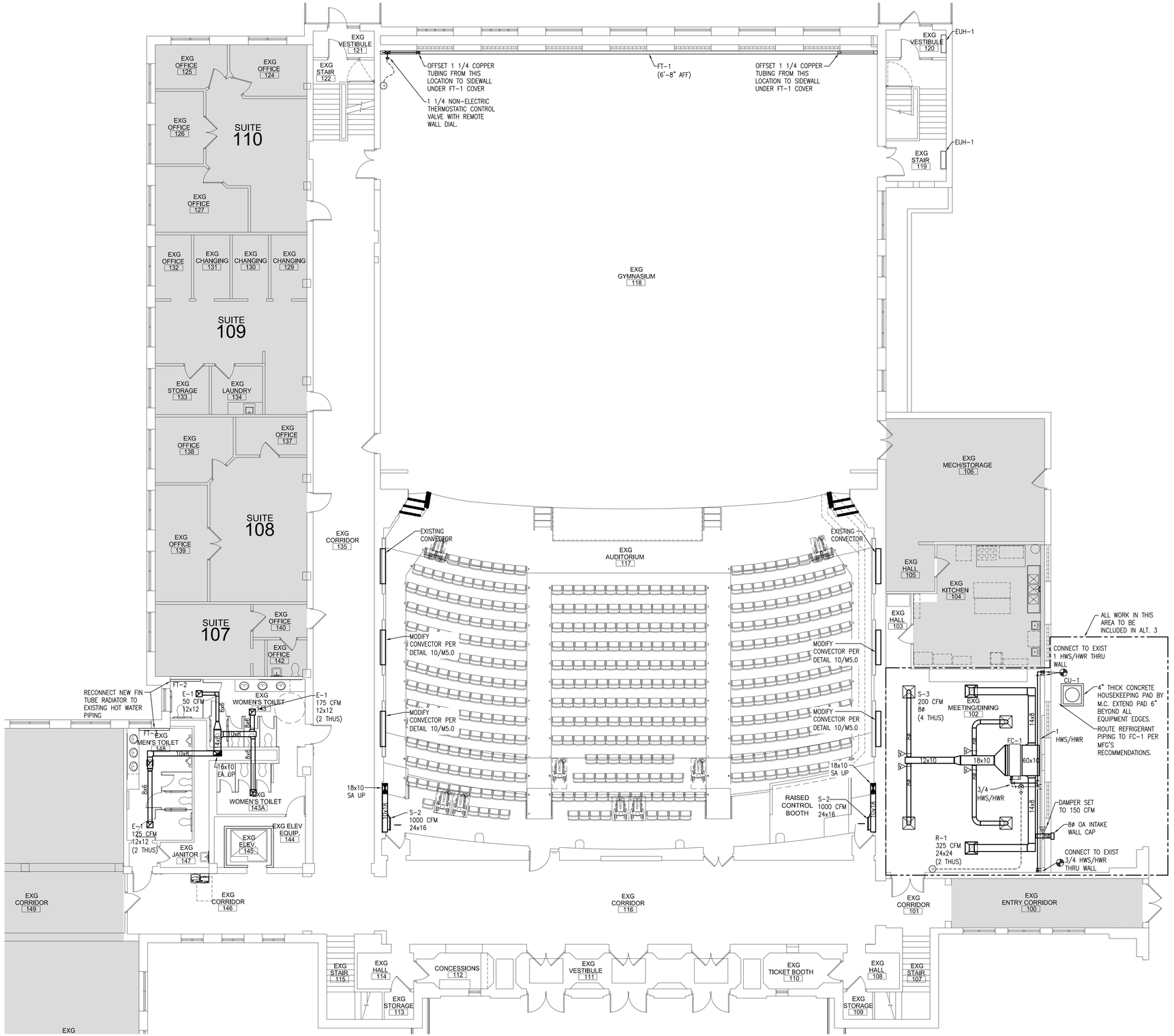
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DRAWING TITLE:

ENLARGED PLUMBING PLANS

DRAWING NUMBER:

M1.1




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

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

F:\JOB\2024-057 CENTRAL SQUARE REMODEL\CENTRAL SQUARE REMODEL\SHEETS\M3.1 MAIN LEVEL HVAC REMODEL.DWG11/22/2024 10:36 AM

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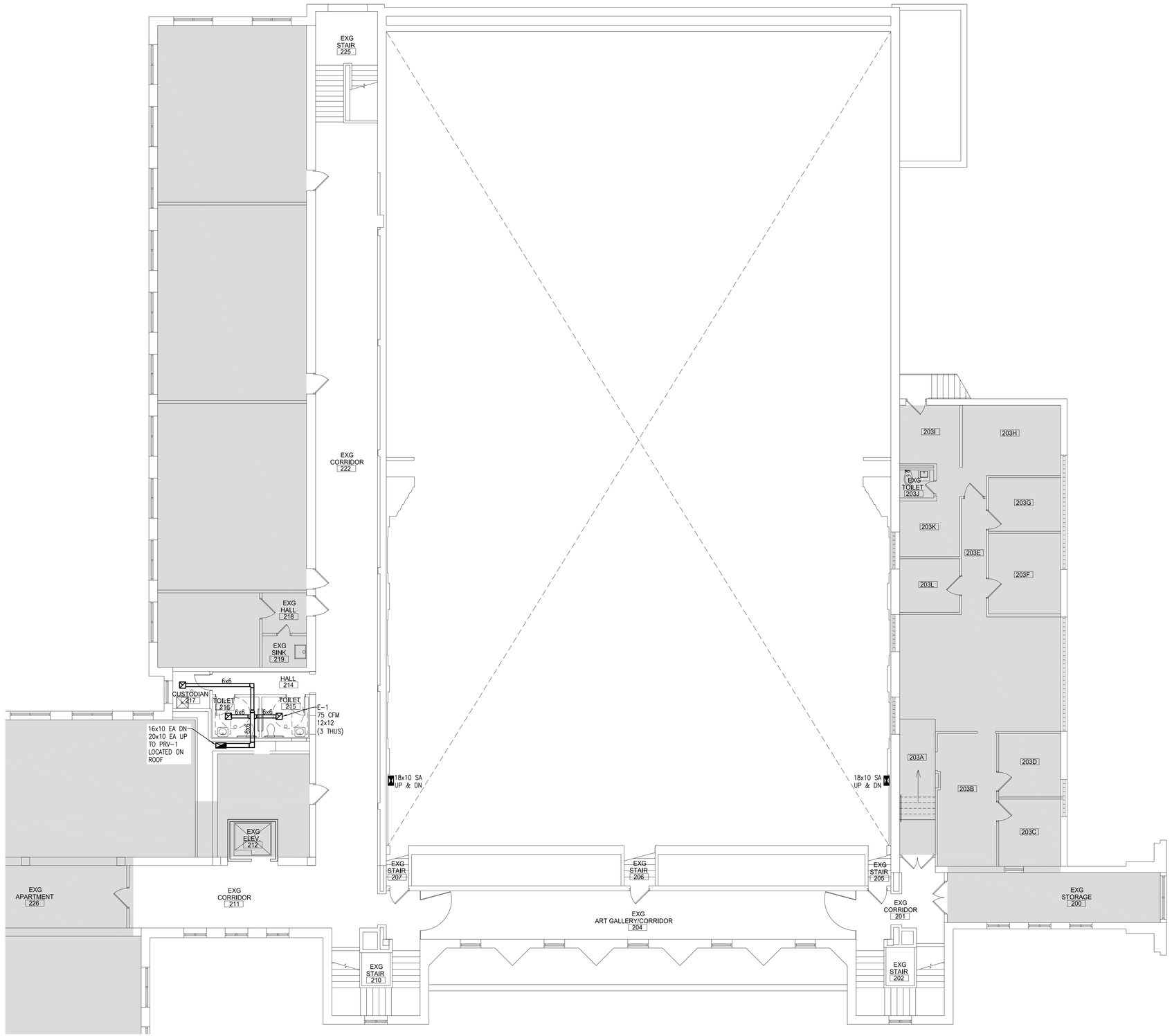
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DRAWING TITLE:

## MAIN LEVEL HVAC REMODEL

DRAWING NUMBER:

# M3.1




1 UPPER LEVEL HVAC REMODEL PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

F:\JOB\2024-057 CENTRAL SQUARE REMODEL\CENTRAL SQUARE REMODEL\SHEETS\M3.2 UPPER LEVEL HVAC REMODEL.DWG 11/22/2024 10:36 AM

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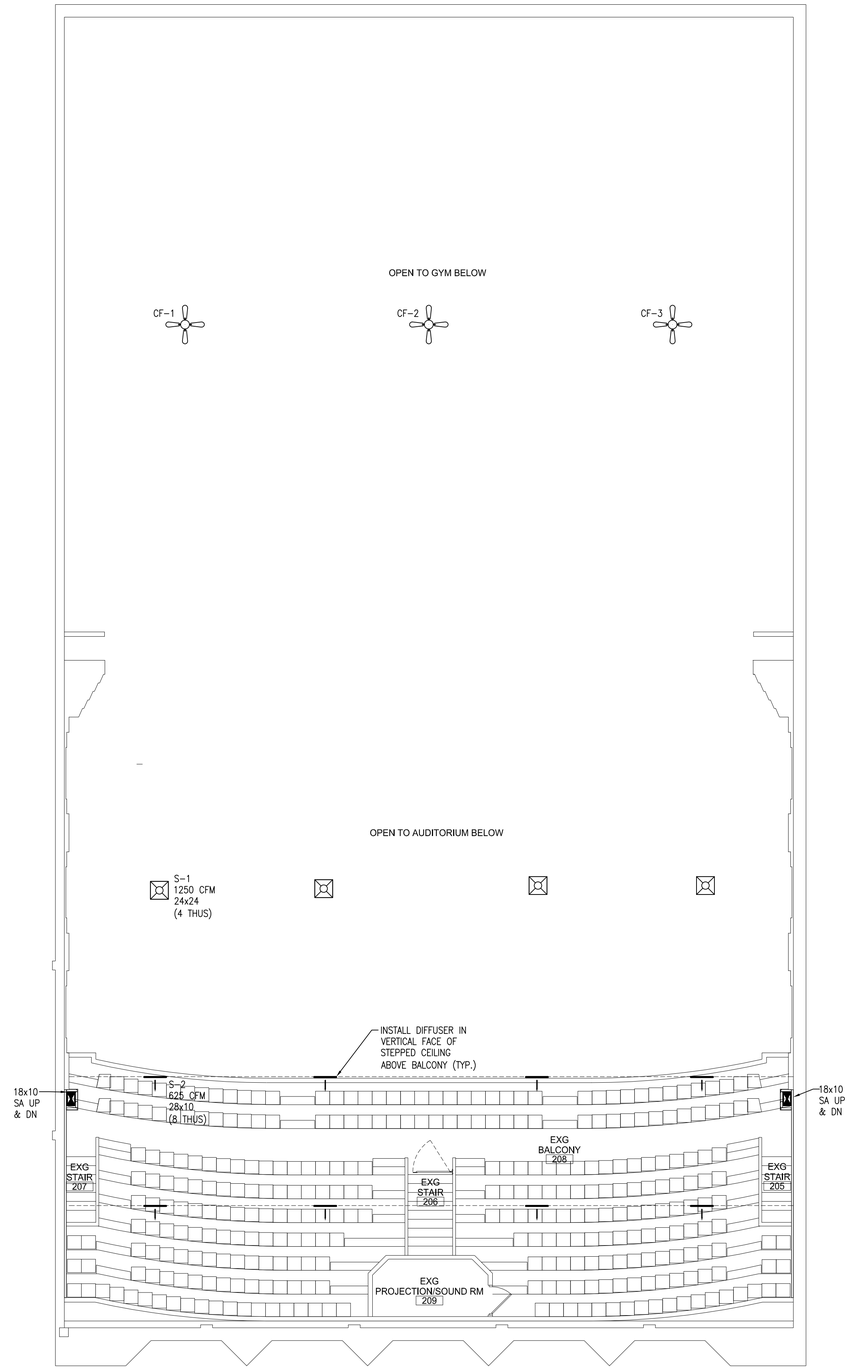
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DRAWING TITLE:

## UPPER LEVEL HVAC REMODEL

DRAWING NUMBER:

# M3.2




1 BALCONY LEVEL HVAC REMODEL PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

F:\JOB\2024-057 CENTRAL SQUARE REMODEL\CENTRAL SQUARE REMODEL\SHEETS\M3.3 BALCONY LEVEL HVAC REMODEL.DWG 11/22/2024 10:36 AM

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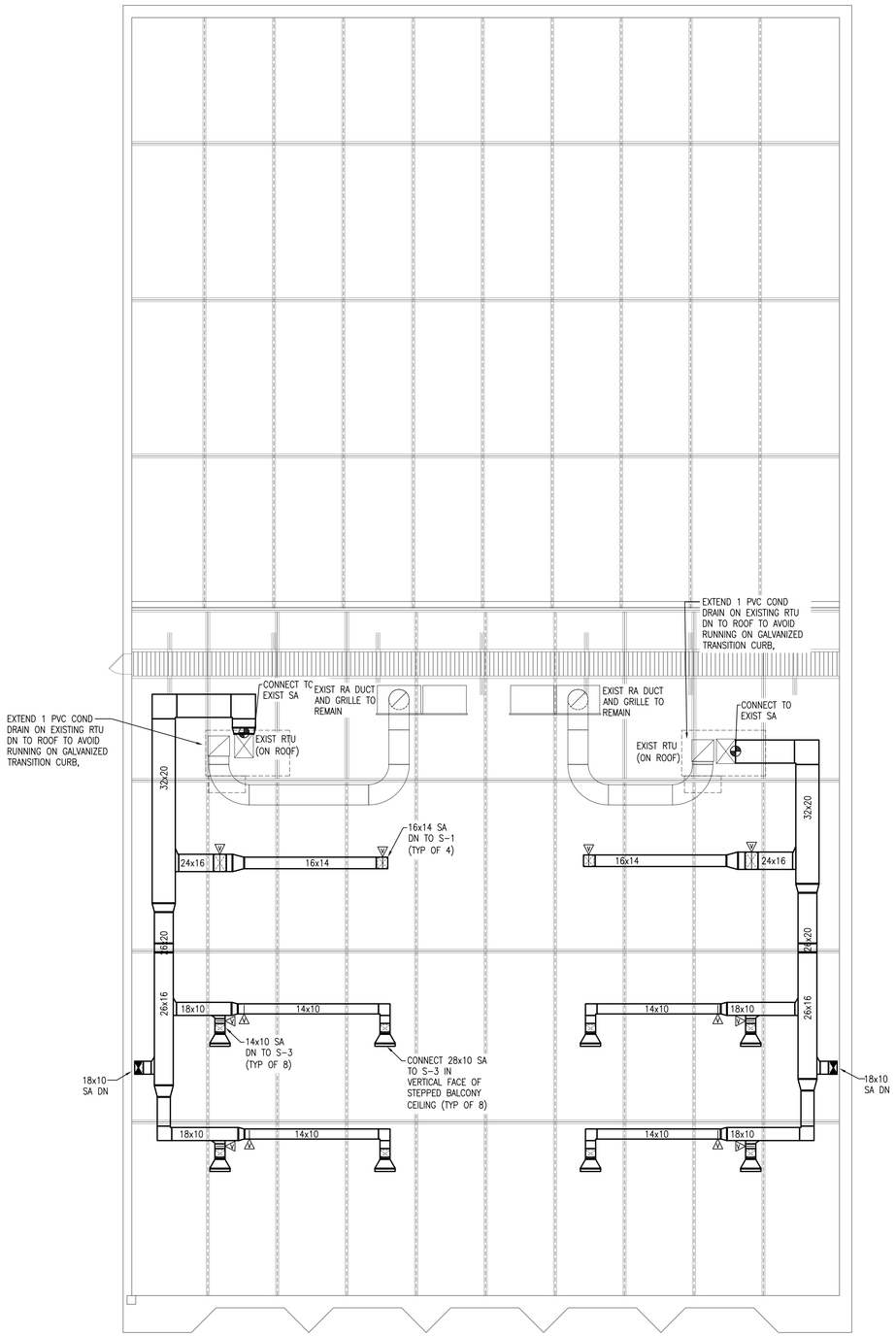
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DRAWING TITLE:

## BALCONY LEVEL HVAC REMODEL

DRAWING NUMBER:

# M3.3




1 ATTIC HVAC REMODEL PLAN
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE
0 5' 10' 15'
1/8 INCH = 1 FOOT

F:\JOB\2024-057 CENTRAL SQUARE REMODEL\CENTRAL SQUARE REMODEL\SHEETS\M3.4 ATTIC LEVEL HVAC REMODEL.DWG 11/22/2024 10:36 AM

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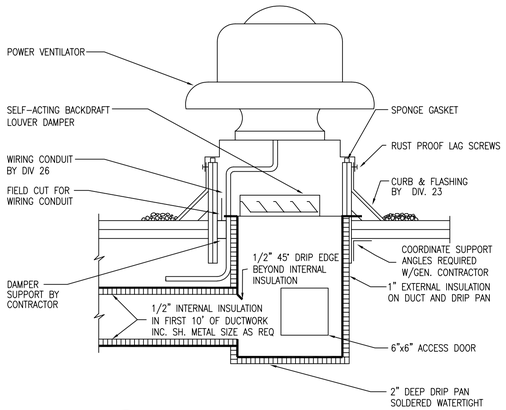
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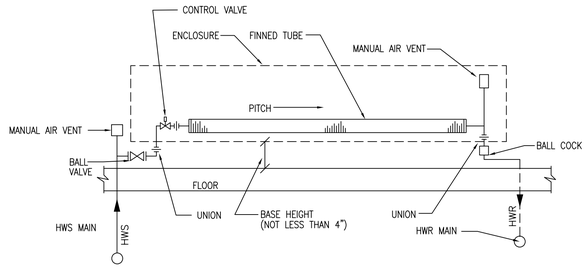
ATTIC LEVEL
HVAC REMODEL

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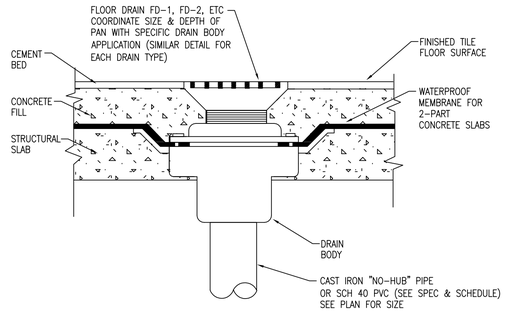
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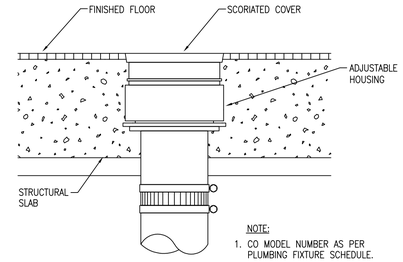

1 POWER VENTILATOR DETAIL
NO SCALE



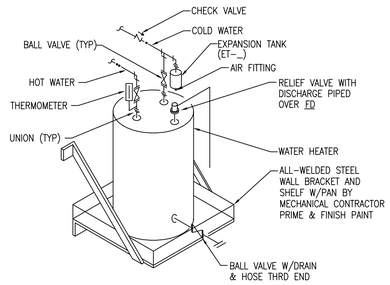

2 HYDRONIC FIN TUBE RADIATION
NO SCALE



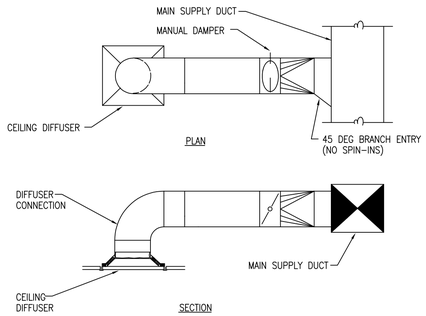

3 FLOOR DRAIN DETAIL
NO SCALE




4 TYPICAL INTERIOR CLEANOUT DETAIL
NO SCALE

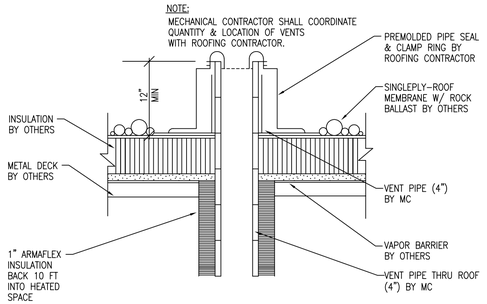



5 POINT-OF-USE WATER HEATER
NO SCALE

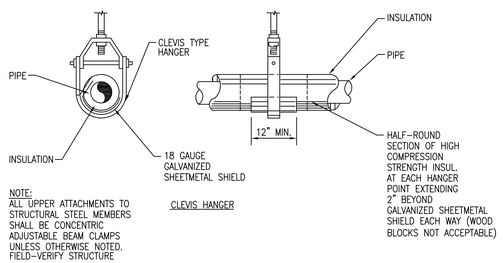



NOTE:
1. PROVIDE & INSTALL FIRE DAMPER & FIRE BLANKET ON CEILING DIFFUSER AS REQUIRED.

6 RIGID DUCT CONNECTION TO SUPPLY DIFFUSER
NO SCALE

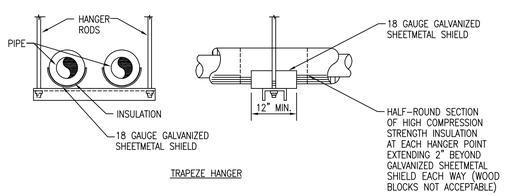



7 VENT THRU ROOF DETAIL (FLAT)
NO SCALE



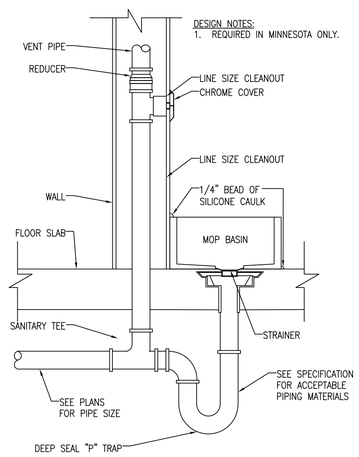

NOTE:
ALL UPPER ATTACHMENTS TO STRUCTURAL STEEL MEMBERS SHALL BE CONCENTRIC ADJUSTABLE BEAM CLAMPS UNLESS OTHERWISE NOTED. FIELD-VERIFY STRUCTURE

CLEVIS HANGER

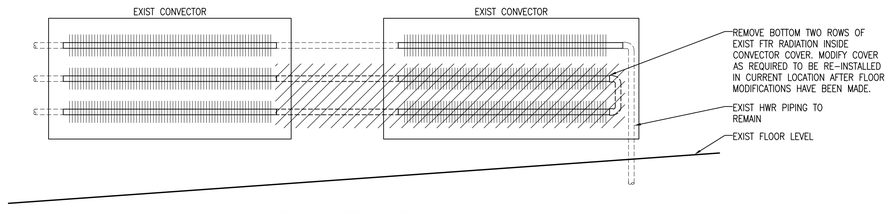



TRAPEZE HANGER

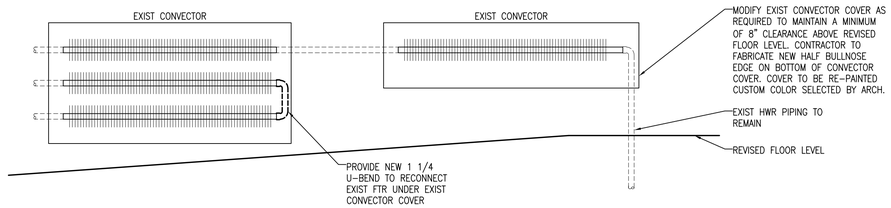
8 TYPICAL PIPE HANGER DETAIL
NO SCALE




9 SLAB ON GRADE MOP BASIN DETAIL
NO SCALE




EXISTING CONVECTOR INSTALLATION




MODIFIED CONVECTOR INSTALLATION

10 THEATER CONVECTOR MODIFICATION DETAIL
NO SCALE

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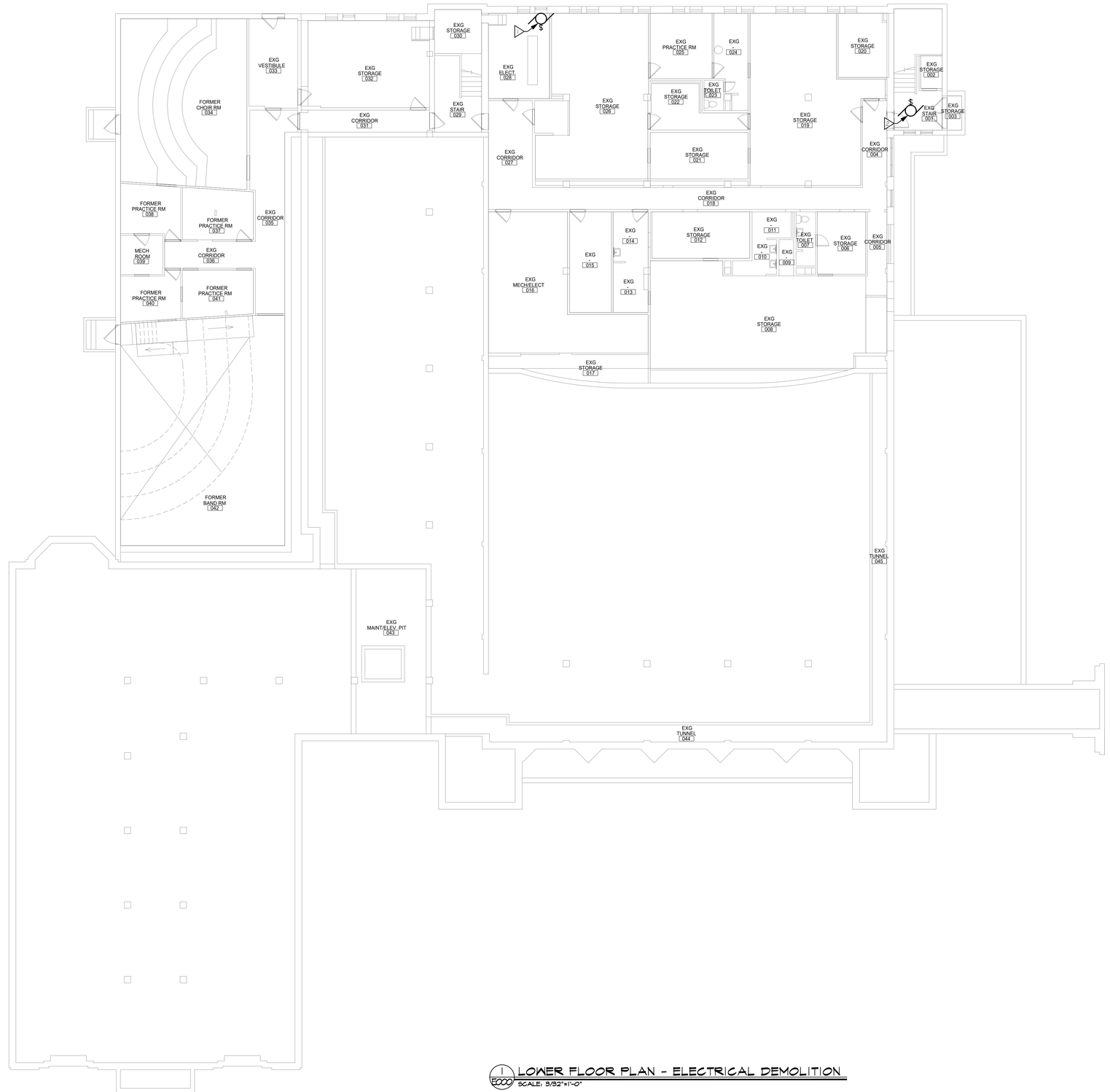
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DRAWING TITLE:

DETAILS

DRAWING NUMBER:

M5.0




## LOWER FLOOR PLAN - ELECTRICAL DEMOLITION

SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL EXISTING DEVICES, ETC. ARE BASED ON CASUAL OBSERVATION AND MUST BE FIELD VERIFIED BY THE ELECTRICAL CONTRACTOR. E.C. SHALL REMOVE ALL ELECTRICAL ITEMS AS REQUIRED TO ACCOMPLISH NEW CONSTRUCTION. REMOVE ALL ABANDONED CONDUIT AND WIRING BACK TO SOURCE AND COVER ANY OPENINGS WITH BLANK PLATES AS PER NEC.

## ELECTRICAL DEMOLITION NOTES

1. ELECTRICALLY DISCONNECT EXISTING EXHAUST FAN. REMOVE WIRING BACK TO SOURCE AND LABEL CIRCUIT BREAKER AS SPARE.
2. ELECTRICALLY DISCONNECT EXISTING UNIT HEATER. REMOVE WIRING BACK TO SOURCE AND LABEL CIRCUIT BREAKER AS SPARE.

## ELECTRICAL SYMBOL LEGEND

| SYMBOL | DESCRIPTION | MOUNTING HEIGHT |
|---|---|---|
| A-1,3,5 | HOMERUN TO PANELBOARD, CROSSMARKS INDICATE QUANTITY OF CONDUCTORS (NOT INCLUDING GROUND CONDUCTOR), NO MARKS INDICATE TWO CONDUCTORS, LETTERS AND NUMBERS INDICATE PANEL AND CIRCUITS. PROVIDE CODE SIZED GROUND CONDUCTOR IN EACH CONDUIT. | |
| | CEILING SURFACE MOUNTED FIXTURE | |
| | WALL MOUNTED FIXTURE. | AS NOTED |
| | RECESSED FIXTURE | |
| | SURFACE MOUNTED FIXTURE | |
| | RECESSED FIXTURE | |
| | RECESSED FIXTURE ON EGRESS LIGHTING CIRCUIT | |
| | WALL WASH FIXTURE | |
| | STRIP FIXTURE | |
| | TRACK MOUNTED FIXTURE | |
| | POLE MOUNTED FIXTURE | |
| | EMERGENCY BATTERY PACK. | 90" |
| | EXIT LIGHT – CEILING MOUNTED | |
| | EXIT LIGHT – WALL MOUNTED. | 90" |
| $ | SINGLE POLE SWITCH. | 42" |
| $2 | TWO POLE SWITCH. | 42" |
| $3 | THREE-WAY SWITCH. | 42" |
| $4 | FOUR-WAY SWITCH. | 42" |
| $P | SWITCH WITH PILOT LIGHT. | 42" |
| $K | KEY OPERATED SWITCH. | 42" |
| $D | DIMMER SWITCH. | 42" |
| 3$D | THREE-WAY DIMMER SWITCH. | 42" |
| $V | VARIABLE SPEED SWITCH. | 42" |
| | OCCUPANCY SENSOR | |
| R | RELAY | |
| | SINGLE RECEPTACLE. | **48"** |
| WP G | DUPLEX RECEPTACLE (WP-WEATHERPROOF, G-GROUND FAULT CIRCUIT INTERRUPTER, AC-ABOVE COUNTER) | 18" |
| | DOUBLE DUPLEX RECEPTACLE. | 18" |
| | DUPLEX RECEPTACLE – HALF SWITCHED. | AS NOTED |
| | DUPLEX RECEPTACLE – FULL SWITCHED. | AS NOTED |
| | ISOLATED GROUND RECEPTACLE. | AS NOTED |
| | SPECIAL PURPOSE RECEPTACLE. | AS NOTED |
| | FLOOR OUTLET | |
| J | JUNCTION BOX | |
| J | WALL MOUNTED JUNCTION BOX | |
| HD | HAND DRYER | |
| | CEILING FAN | |
| | MOTOR | |
| | DISCONNECT. | 54" TO HANDLE |
| | PANELBOARD. | 72" TO TOP |
| 1 | REFERS TO PLAN NOTES | |
| 1 | REFERS TO DEMOLITION NOTES | |
| | HATCHED AREA INDICATES ITEM TO BE REMOVED | |
| | UNDERGROUND CONDUIT | |
| | CONCEALED CONDUIT | |

NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE

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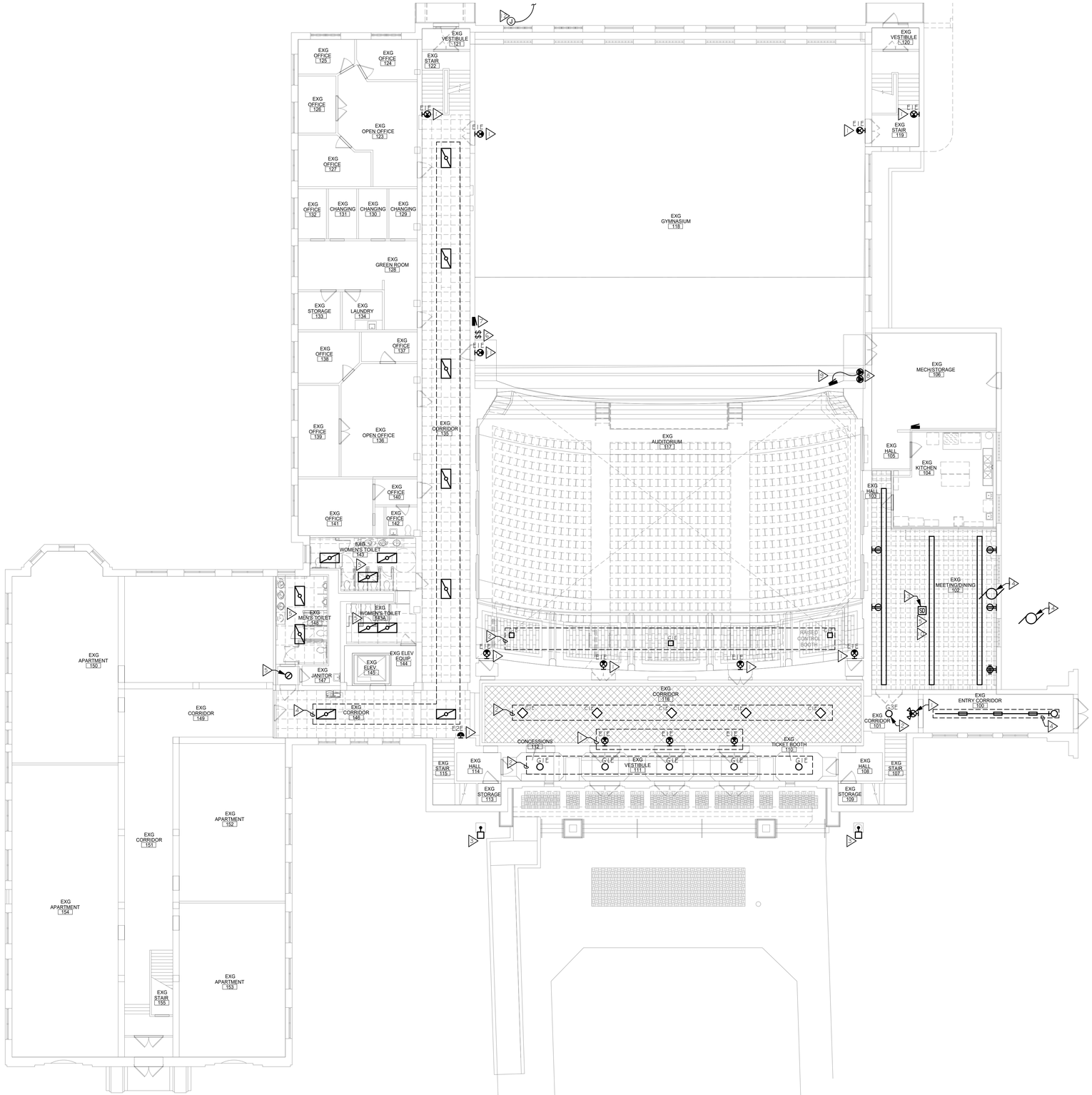
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DRAWING TITLE:

LOWER FLOOR PLAN - ELECTRICAL DEMOLITION

DRAWING NUMBER:

**E000**




1 E001 MAIN FLOOR PLAN - ELECTRICAL DEMOLITION
SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL EXISTING DEVICES, ETC. ARE BASED ON CASUAL OBSERVATION AND MUST BE FIELD VERIFIED BY THE ELECTRICAL CONTRACTOR. E.C. SHALL REMOVE ALL ELECTRICAL ITEMS AS REQUIRED TO ACCOMPLISH NEW CONSTRUCTION. REMOVE ALL ABANDONED CONDUIT AND WIRING BACK TO SOURCE AND COVER ANY OPENINGS WITH BLANK PLATES AS PER NEC.

## ELECTRICAL DEMOLITION NOTES

1. EXISTING EXIT SIGN TO BE REPLACED. REMOVE EXISTING AS REQUIRED. WIRING TO REMAIN FOR CONNECTION TO NEW.
2. EXISTING LIGHT FIXTURES TO BE RELAMPED. REFER TO LIGHT FIXTURE SCHEDULE.
3. EXISTING LIGHT POLES TO BE REPLACED WITH NEW.
4. EXISTING LIGHT FIXTURES TO BE REMOVED AND REPLACED. WIRING TO REMAIN FOR CONNECTION TO NEW.
5. REMOVE EXISTING LIGHTING AS REQUIRED FOR NEW CONSTRUCTION. WIRING TO REMAIN FOR CONNECTION TO NEW.
6. UNDER GYMNASIUM LIGHTING ALTERNATE BID ONLY, EXISTING GYMNASIUM SWITCH TO BE REPLACED WITH NEW. UNDER THEATRICAL LIGHTING ALTERNATE BID ONLY, AUDITORIUM SWITCH (PENDANT LIGHTING) TO BE REPLACED WITH NEW.
7. EXISTING PANELBOARD CONTAINING CIRCUITS FOR AUDITORIUM AND GYMNASIUM LIGHTING.
8. EXISTING (2) 5Q/2 RECEPTACLES TO REMAIN. THESE ARE POWERED BY PANEL IN MECHANICAL / STORAGE #106.
9. EXISTING CABLE-FED PANEL TO BE RELOCATED.
10. ALL EXISTING RECEPTACLES AND ASSOCIATED COVER PLATES WITHIN THIS ROOM TO BE REPLACED WITH NEW. UPDATE WIRING TO PROVIDE ADDITIONAL CIRCUITS. FILED VERIFY EXISTING QUANTITIES AND LOCATIONS.
11. EXISTING EXIT SIGN TO BE REMOVED. MAINTAIN CONTINUITY TO OTHER FIXTURES ON THE CIRCUIT.
12. EXISTING OVERHEAD ELECTRICAL SERVICE TO BE REPLACED WITH NEW UNDERGROUND SERVICE. EXISTING EXTERIOR JUNCTION BOXES, CONDUIT, WIRING, WEATHERHEADS, ETC. TO BE REMOVED. COORDINATE WITHE XCEL ENERGY.
13. TEMPORARILY REMOVE EXISTING SMOKE DETECTOR AND ASSOCIATED CONDUIT AS REQUIRED FOR NEW CEILING. EXTEND WIRING AS REQUIRED AND INSTALL SMOKE DETECTOR IN SAME LOCATION OF NEW CEILING.
14. UNDER ADD ALTERNATE #3 ONLY, ELECTRICALLY DISCONNECT EXISTING FAN COIL AND ASSOCIATED CONDENSING UNIT.

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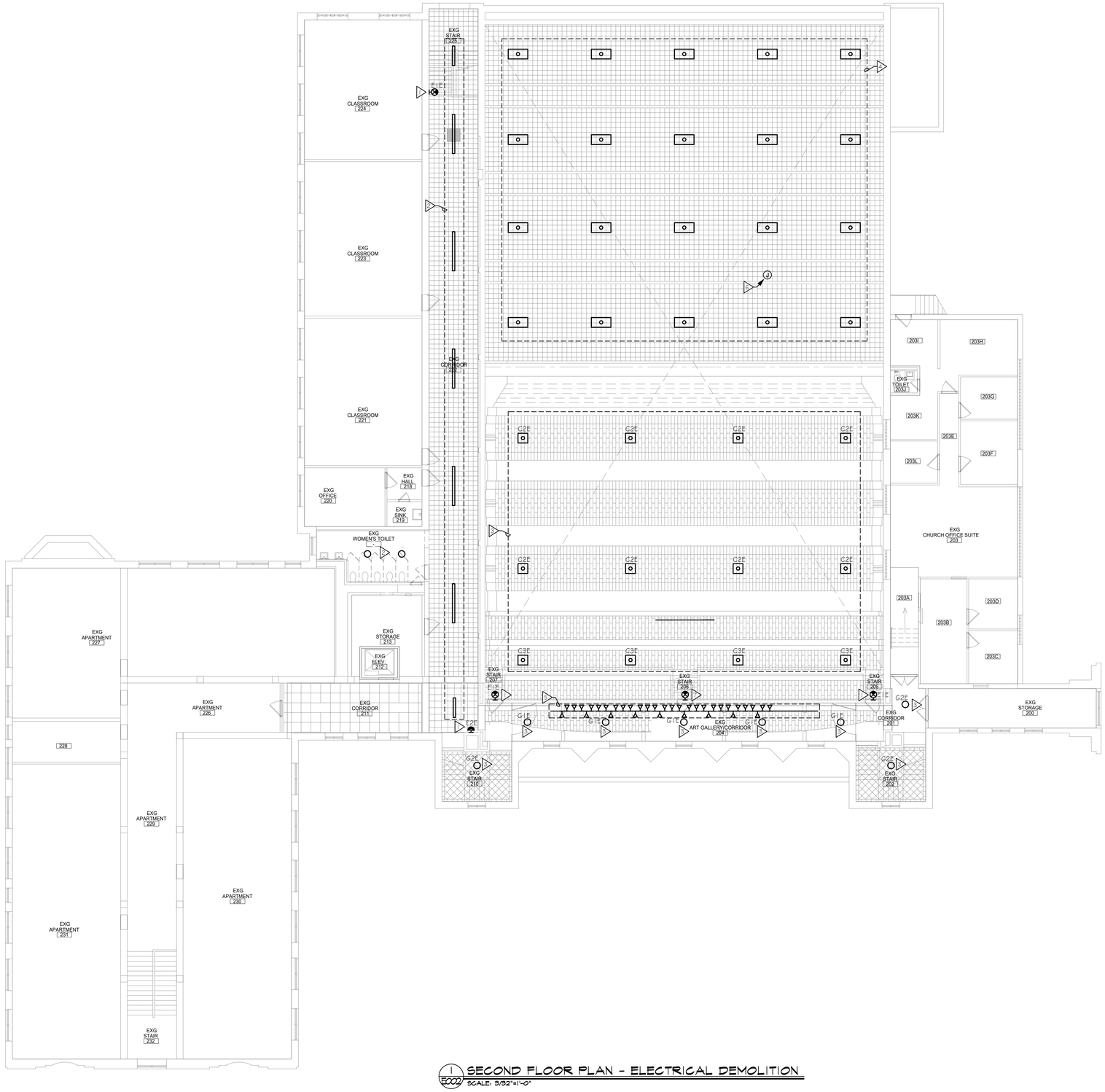
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DRAWING TITLE:

MAIN FLOOR PLAN - ELECTRICAL DEMOLITION

DRAWING NUMBER:

**E001**




1 E002 SECOND FLOOR PLAN - ELECTRICAL DEMOLITION
SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL EXISTING DEVICES, ETC. ARE BASED ON CASUAL OBSERVATION AND MUST BE FIELD VERIFIED BY THE ELECTRICAL CONTRACTOR. E.C. SHALL REMOVE ALL ELECTRICAL ITEMS AS REQUIRED TO ACCOMPLISH NEW CONSTRUCTION. REMOVE ALL ABANDONED CONDUIT AND WIRING BACK TO SOURCE AND COVER ANY OPENINGS WITH BLANK PLATES AS PER NEC.

## ELECTRICAL DEMOLITION NOTES

1. EXISTING EXIT SIGN TO BE REPLACED. REMOVE EXISTING AS REQUIRED. WIRING TO REMAIN FOR CONNECTION TO NEW.
2. REMOVE EXISTING LIGHTING AS REQUIRED FOR NEW CONSTRUCTION. WIRING TO REMAIN FOR CONNECTION TO NEW.
3. EXISTING LIGHT FIXTURES TO BE RELAMPED. REFER TO LIGHT FIXTURE SCHEDULE.
4. REPLACE EXISTING GYMNASIUM LIGHT FIXTURES WITHIN AREA WITH NEW. REMOVE EXISTING AS REQUIRED. EXISTING WIRING TO REMAIN.
5. REMOVE EXISTING TRACK AND ASSOCIATED HEADS. WIRING TO REMAIN FOR CONNECTION TO NEW.
6. ELECTRICALLY DISCONNECT EXISTING COURT DIVIDING DRAPE MOTOR AND ASSOCIATED CONTROLS. REMOVE WIRING BACK TO SOURCE.
7. EXISTING EXIT SIGN TO BE REMOVED. MAINTAIN CONTINUITY TO OTHER FIXTURES ON THE CIRCUIT.

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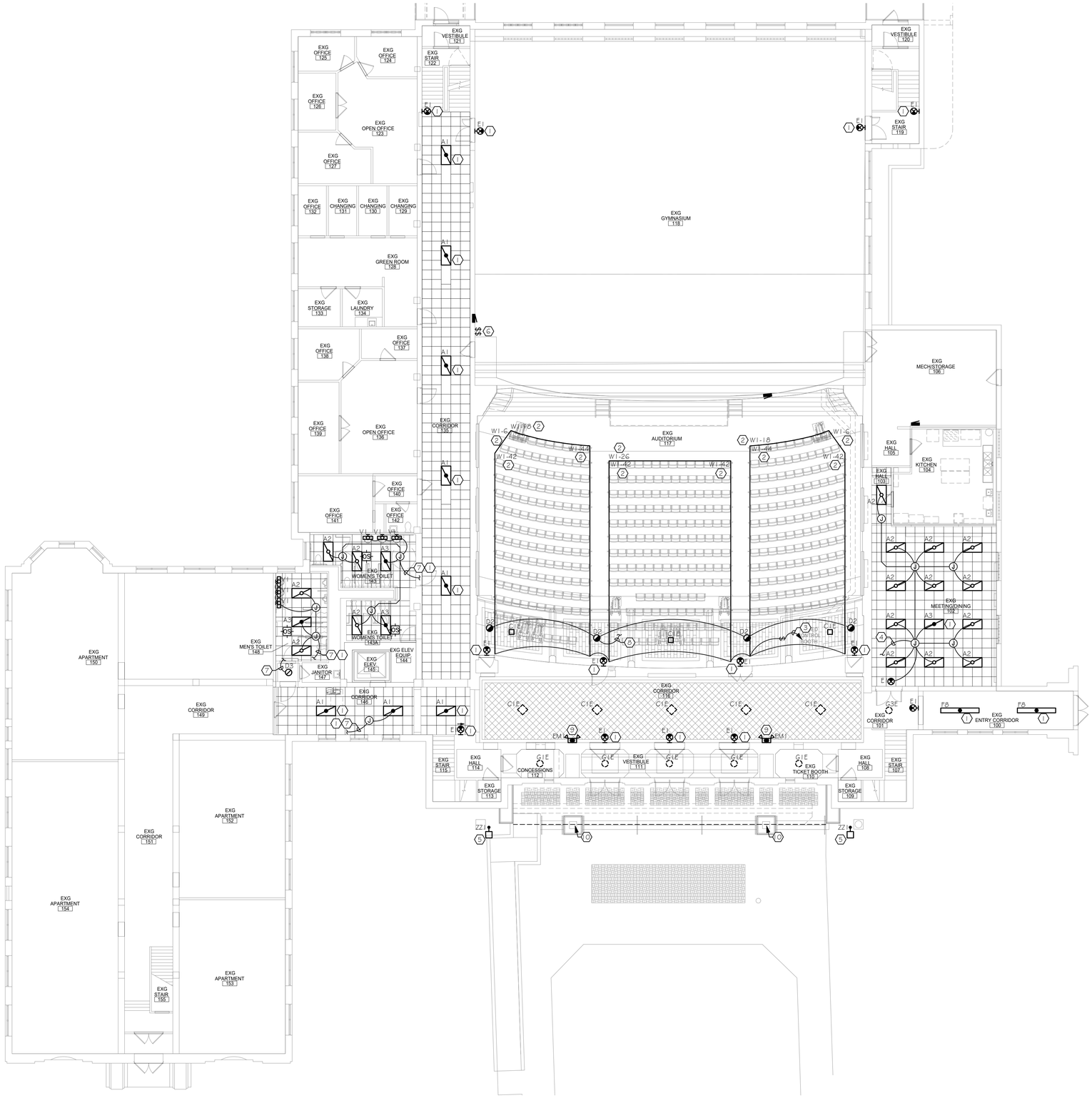
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DRAWING TITLE:

SECOND FLOOR PLAN - ELECTRICAL DEMOLITION

DRAWING NUMBER:

**E002**




1 MAIN FLOOR PLAN - LIGHTING
E101 SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL WIRING SHALL BE SIZED AS REQUIRED TO LIMIT VOLTAGE DROP TO NO MORE THAN 3 PERCENT FROM PANEL TO LAST DEVICE ON CIRCUIT.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED FIRE CAULKING AROUND ELECTRICAL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATINGS.
3. EXIT LIGHTS AND EMERGENCY BATTERY PACKS/DRIVERS TO BE CONNECTED TO UNSWITCHED LIGHTING CONDUCTORS.

## ELECTRICAL NOTES

1. PROVIDE ADDITIONAL CONDUCTOR FOR BATTERY CHARGING AND LOSS OF POWER SENSING. ROUTE THROUGH EXISTING CONDUIT, BYPASSING SWITCHED CONDUCTORS, TO THE NEAREST JUNCTION BOX CONTAINING AN UNSWITCHED CONDUCTOR. IF EXISTING WIRING MC CABLE OR SIMILAR, ROUTE AN ADDITIONAL MC CABLE FOR UNSWITCHED CONDUCTOR AS REQUIRED.
2. COORDINATE LOCATION OF AISLE LIGHTS WITH FLOOR COVERING LOCATION. MOUNT DRIVERS BELOW DESK OF SOUND BOOTH AND PROVIDE CONTROL SWITCH.
3. CONNECT TO NEW 20/1 CIRCUIT BREAKER IN PANEL. ROUTE THROUGH RELAY CONTROL PANEL.
4. CONNECT TO EXISTING LIGHTING CIRCUIT AND SWITCHES WITHIN THIS ROOM.
5. INSTALL NEW LIGHT POLES IN EXISTING LOCATION. FIELD VERIFY EXISTING WIRING CONDITION AND REPLACE WITH NEW AS REQUIRED. EMBED NEW ANCHOR BOLTS IN EXISTING CONCRETE BASE.
6. UNDER GYMNASIUM LIGHTING ALTERNATE BID ONLY, PROVIDE NEW LINE VOLTAGE ON/OFF DIMMER COMPATIBLE WITH WIRELESS LIGHTING CONTROLS. PROVIDE UNSWITCHED 120V POWER AS REQUIRED. PROVIDE INTERFACE TO ALLOW TO ALSO BE CONTROLLED VIA THEATRICAL LIGHTING CONTROL BOARD. UNDER THEATRICAL LIGHTING ALTERNATE BID ONLY, PROVIDE LIGHTING CONTROL STATION FOR AUDITORIUM PENDANT LIGHTING, COMPATIBLE WITH THEATRICAL LIGHTING CONTROL BOARD.
7. CONNECT TO EXISTING LIGHTING CIRCUIT IN THE AREA.
8. CONNECT TO OPERATE WITH SIMILAR FIXTURES IN UPPER CEILING. SEE E102.
9. INSTALL NEW EMERGENCY LIGHTING FIXTURE. CONNECT TO UNSWITCHED CONDUCTOR IN THE AREA.
10. PROVIDE 1" PVC CONDUIT ROUTED BETWEEN GREENSPACES FOR FUTURE DECORATIVE LIGHTING. ROUTE CONDUIT WITHIN THE ACCESSIBLE BASE OF THE ARCHITECTURAL PLINTH FOR FUTURE INTERCONNECTION. PLUG BOTH ENDS OF CONDUIT AS REQUIRED.

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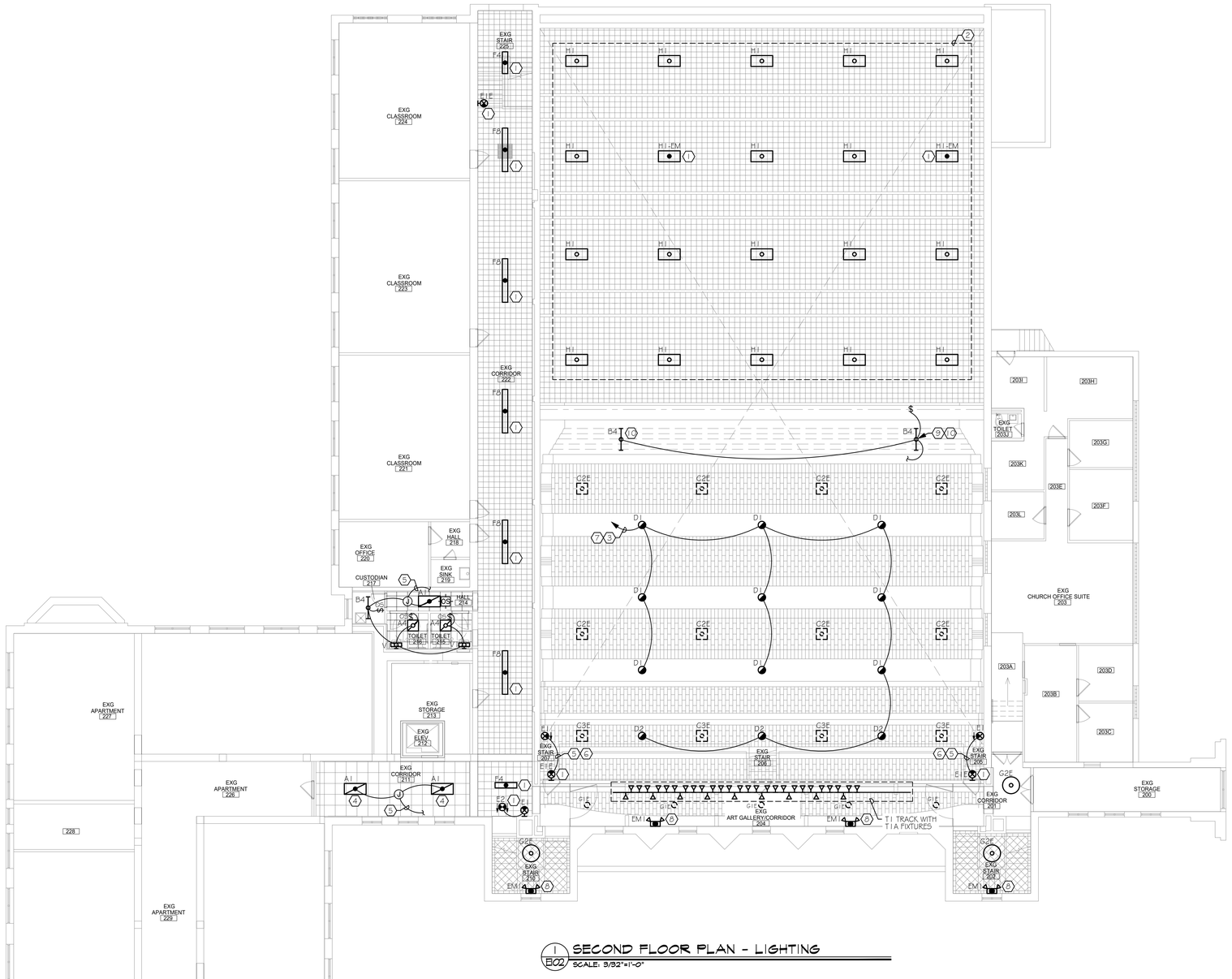
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DRAWING TITLE:

MAIN FLOOR PLAN - LIGHTING

DRAWING NUMBER:

**E101**




1 E102 SECOND FLOOR PLAN - LIGHTING
SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL WIRING SHALL BE SIZED AS REQUIRED TO LIMIT VOLTAGE DROP TO NO MORE THAN 3 PERCENT FROM PANEL TO LAST DEVICE ON CIRCUIT.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED FIRE CAULKING AROUND ELECTRICAL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATINGS.
3. EXIT LIGHTS AND EMERGENCY BATTERY PACKS/DRIVERS TO BE CONNECTED TO UNSWITCHED LIGHTING CONDUCTORS.

## ELECTRICAL NOTES

1. PROVIDE ADDITIONAL CONDUCTOR FOR BATTERY CHARGING AND LOSS OF POWER SENSING, ROUTED THROUGH EXISTING CONDUIT, BYPASSING SWITCHED CONDUCTORS, TO THE NEAREST JUNCTION BOX CONTAINING AN UNSWITCHED CONDUCTOR. IF EXISTING WIRING MC CABLE OR SIMILAR, ROUTE AND ADDITIONAL MC CABLE FOR UNSWITCHED CONDUCTOR AS REQUIRED.
2. CONNECT NEW LIGHT FIXTURES TO EXISTING WIRING WITHIN THIS AREA.
3. ROUTE WIRING TO NEAREST SPARE 20/1 CIRCUIT BREAKER.
4. INSTALL NEW LIGHT FIXTURES IN EXISTING CEILING.
5. CONNECT TO EXISTING LIGHTING CIRCUIT IN THE AREA, BOTH SWITCH AND UNSWITCHED CONDUCTORS.
6. CONCEAL ALL CONDUIT AND WIRING AS REQUIRED.
7. ALL TYPE 'D1' AND 'D2' FIXTURES TO BE ON (1) WIRELESS DIMMING ZONE. PROVIDE ANY WIRING AND HARDWARE AS REQUIRED TO HAVE THE WIRELESS ZONE CONTROLLED VIA THEATRICAL LIGHTING CONTROL BOARD.
8. INSTALL NEW EMERGENCY LIGHTING FIXTURE. CONNECT TO UNSWITCHED CONDUCTOR IN THE AREA.
9. PROVIDE NEW LIGHT FIXTURE AND ASSOCIATED SWITCH IN ATTIC / CATWALK AREA. MOUNT SWITCH ADJACENT TO ACCESS DOOR FROM ROOF. CONNECT TO UNSWITCHED 120V CIRCUIT IN THE AREA.
10. VERIFY FIXTURE LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

## LIGHTING SYMBOL LEGEND

| SYMBOL | DESCRIPTION | MOUNTING HEIGHT |
|---|---|---|
| ○ | CEILING SURFACE MOUNTED FIXTURE | |
| ⊢○ | WALL MOUNTED FIXTURE. . . . . | AS NOTED |
| ⊘ | RECESSED FIXTURE | |
| ▭ | SURFACE MOUNTED FIXTURE | |
| ▭ | RECESSED FIXTURE ON EGRESS LIGHTING CIRCUIT | |
| ⊢⊖⊣ | STRIP FIXTURE | |
| ⊗ | EXIT LIGHT – CEILING MOUNTED | |
| ⊢⊗ | EXIT LIGHT – WALL MOUNTED. . . . . | 90" |
| $OS | OCCUPANCY SENSOR SWITCH. . . . . | 42" |
| OS | OCCUPANCY SENSOR | |

NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE

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# CENTRAL SQUARE REHABILITATION

105 SECOND AVE NE
GLENWOOD, MN 56334

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

TROY D. VAREBERG
DATE: 11/22/2024 LIC. NO. 25261

REVISED:

| MARK: | DATE: | DESCRIPTION: |
|---|---|---|

| | |
|---|---|
| COMMISSION NO.: | 24032 |
| DATE: | 22 NOVEMBER 2024 |
| DRAWN: | JPM |
| CHECKED: | TLH |

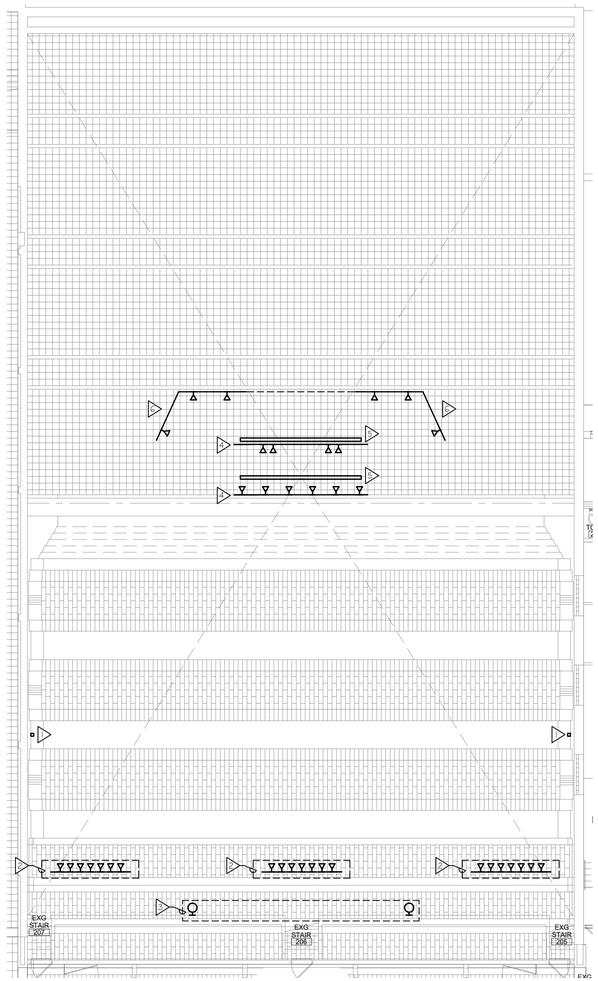
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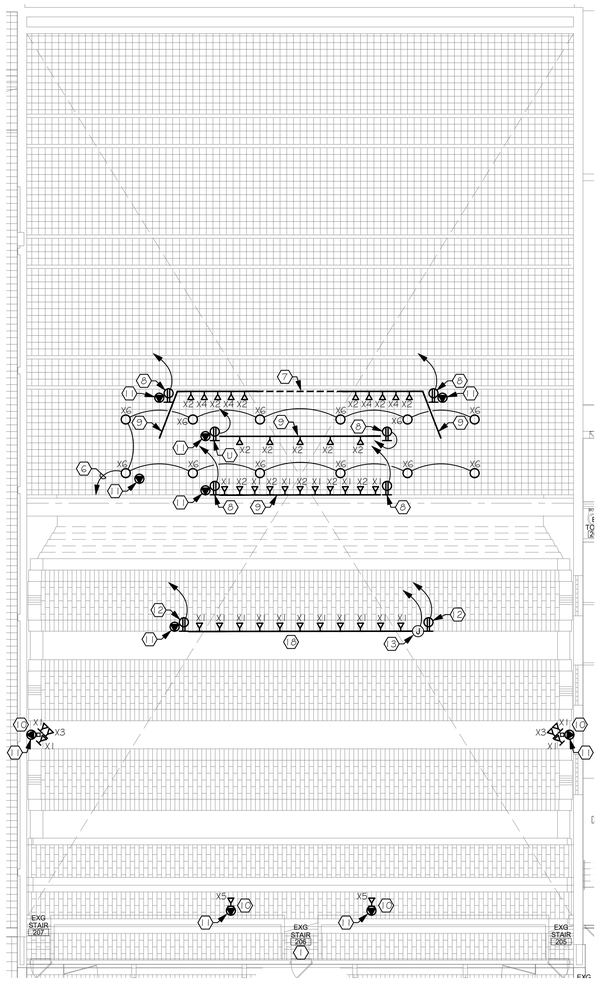
SECOND FLOOR PLAN - LIGHTING

DRAWING NUMBER:

**E102**




1 E200 SECOND FLOOR PLAN - THEATRICAL LIGHTING DEMO
SCALE: 3/32"=1'-0" ADD ALTERNATE #1 ONLY




2 E200 SECOND FLOOR PLAN - THEATRICAL LIGHTING
SCALE: 3/32"=1'-0" ADD ALTERNATE #1 ONLY

## DEMOLITION GENERAL NOTES

1. ALL EXISTING DEVICES, ETC. ARE BASED ON CASUAL OBSERVATION AND MUST BE FIELD VERIFIED BY THE ELECTRICAL CONTRACTOR. E.C. SHALL REMOVE ALL ELECTRICAL ITEMS AS REQUIRED TO ACCOMPLISH NEW CONSTRUCTION. REMOVE ALL ABANDONED CONDUIT AND WIRING BACK TO SOURCE AND COVER ANY OPENINGS WITH BLANK PLATES AS PER NEC.

## ELECTRICAL DEMOLITION NOTES

- EXISTING VERTICAL STAGE LIGHTING BAR TO REMAIN.
- EXISTING HORIZONTAL STAGE LIGHTING BAR TO REMAIN. REMOVE FIXTURES AS REQUIRED.
- EXISTING SPOT LIGHTS TO BE REPLACED.
- EXISTING STAGE TRACK LIGHTING TO BE REPLACED. REMOVE TRACK AND ASSOCIATED HEADS, WIRING TO REMAIN FOR CONNECTION TO NEW.
- EXISTING LIGHT BARS TO BE REPLACED. REMOVE AS REQUIRED. WIRING TO REMAIN FOR CONNECTION TO NEW.
- EXISTING ANGLED LIGHTING BAR TO REMAIN. REMOVE FIXTURES AS REQUIRED.
- ELECTRICALLY DISCONNECT EXISTING DIMMER RACK. EXTEND WIRING TO LOADCENTER LOCATION.

## GENERAL NOTES

1. ALL WIRING SHALL BE SIZED AS REQUIRED TO LIMIT VOLTAGE DROP TO NO MORE THAN 3 PERCENT FROM PANEL TO LAST DEVICE ON CIRCUIT.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED FIRE CAULKING AROUND ELECTRICAL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATINGS.

## ELECTRICAL NOTES

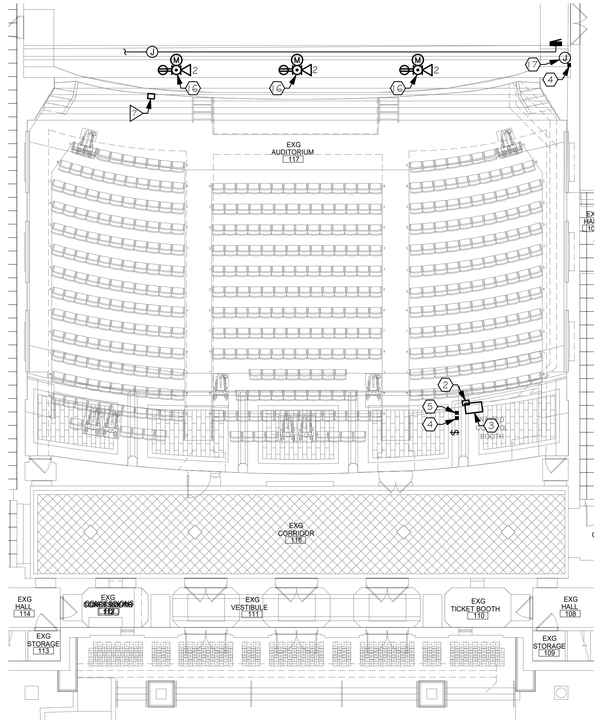
1. PROVIDE 24 POLE MECHANICALLY HELD RELAY PANEL (ETC ECHO FEED-THROUGH) AND ASSOCIATED ON/OFF MOMENTARY CONTACT SWITCH FOR DEDICATED THEATER LIGHT PIPE RECEPTACLES. VERIFY EXACT LOCATION OF RELAY AND SWITCH WITH OWNER PRIOR TO INSTALL.
2. PROVIDE (4) 8-CHANNEL DMX SPLITTERS IN LIGHTING / SOUND CONTROL AREA FOR DMX CABLING FROM LIGHT PIPES AND STAGE POCKETS. PROVIDE MOUNTING BRACKET(S) TO MOUNT UNDER LIGHTING CONSOLE COUNTER.
3. PROVIDE ETC ELEMENT 2 STAGE LIGHTING CONSOLE FOR CONTROL OF AUDITORIUM LIGHTING. PROVIDE ALL ADDITIONAL POWER SUPPLIES AS NEEDED TO COMPLETE INSTALL. COORDINATE EXACT REQUIREMENTS WITH STAGE LIGHTING PROVIDER.
4. PROVIDE 10 SCENE WALL PLATE (ETC ECHO SERIES) IN SINGLE GANG BOX AT LOCATION INDICATED. ROUTE WIRING BACK TO 10 SCENE STORE AS REQUIRED. VERIFY LOCATIONS AND QUANTITIES WITH OWNER.
5. PROVIDE 10 SCENE STORE (ETC ECHO SERIES) IN LIGHTING / SOUND CONTROL AREA FOR DMX PROGRAMMING. COORDINATE LOCATION WITH STAGE LIGHTING PROVIDER AND OWNER.
6. PROVIDE NEW 120V CIRCUIT, CONNECTED TO NEAREST SPARE 20/1 CIRCUIT BREAKER. ROUTE THROUGH RELAY CONTROL PANEL.
7. EXISTING PROJECTOR SCREEN TO BE REUSED.
8. REUSE EXISTING 120V RECEPTACLE OR PROVIDE NEW IF NOT EXISTENT. ROUTE WIRING THROUGH RELAY CONTROL PANEL.
9. REUSE EXISTING LIGHT PIPE.
10. REUSE 120V RECEPTACLES AND WALL MOUNTED LIGHT PIPE. ROUTE WIRING THROUGH RELAY CONTROL PANEL.
11. PROVIDE DUAL 5-PIN DMX RECEPTACLE IN 1-GANG BOX WITH NECESSARY ACCESSORIES TO MOUNT TO LIGHTING PIPE. ROUTE (2) DMX CONTROL WIRES FROM DUAL 5-PIN DMX RECEPTACLE TO DMX SPLITTERS LOCATED UNDER SOUND / LIGHTING COUNTER IN VERIFY EXACT REQUIREMENTS AND CONFIGURATION WITH THEATER LIGHTING PROVIDER.
12. PROVIDE NEW 120V DUPLEX RECEPTACLE. ROUTE THROUGH RELAY CONTROL PANEL.
13. PROVIDE NEW LIGHT TRUSS WITH ASSOCIATED LOWERING HOIST. ROUTE CONTROL WIRING TO CONTROL BOARD AREA.
14. EXTEND EXISTING DIMMING RACK FEEDER TO NEW LOAD CENTER LOCATION.
15. MOUNT EXISTING LOAD CENTER IN EXISTING DIMMER RACK ENCLOSURE. COORDINATE MOUNTING LOCATION WITH CONSTRUCTION MANAGER.
16. PROVIDED RECESSED FLOOR POCKET. CORE DRILL / CUT FLOOR AS REQUIRED FOR INSTALLATION OF BOX AND ASSOCIATED CONDUIT. ROUTE 2#12+1#12G CONDUCTORS IN 3/4" CONDUIT FOR POWER CIRCUIT TO STAGE LOAD CENTER. ROUTE (2) CATEGORY 6 CABLES, AND (2) MICROPHONE CABLES, BOTH PLENUM RATED, INTO BASEMENT USING (2) 1" CONDUIT, THEN TO FLOOR TROUGH TO CONTROL BOOTH AREA. VERIFY EXACT LOCATION AND WIRING REQUIREMENTS WITH ARCHITECT / OWNER PRIOR TO ROUGH-IN.
17. PROVIDE (2) SOUND, (2) DMX AND (2) CATEGORY 6 RECEPTACLES MOUNTED IN 4" SQUARE JUNCTION BOX. ROUTE CABLES VIA IN-FLOOR TRENCH TO CONTROL BOOTH AREA AS REQUIRED. VERIFY EXACT PORT AND CABLE CONNECTIONS PRIOR TO ROUGH-IN.
18. VERIFY EXACT MOUNTING LOCATION OF LIGHT TRUSS AND ALL ASSOCIATED CONNECTIONS WITH ARCHITECT PRIOR TO ROUGH-IN.

### THEATER LIGHTING FIXTURE SCHEDULE

| FIXT. TYPE LETTER | MANUFACTURER | CATALOG NUMBER | MOUNTING | VOLTS | LAMP DATA: TYPE | LAMP DATA: COLOR TEMP. (K) | TOTAL FIXTURE WATTAGE | TOTAL FIXTURE LUMENS | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| X1 | ETC | COLORSOURCE SPOT JUNIOR | SUSPENDED | UNV | LED | VARIES | 166 | 5,708 | LED ELLIPSOIDAL SPOTLIGHT, WITH COLOR CHANGING DMX CONTROL. |
| X2 | ETC | COLORSOURCE FRESNEL V | SUSPENDED | UNV | LED | VARIES | 120 | 5,300 | LED FULL COLOR FRESNEL LIGHT WITH DMX CONTROL AND BARN DOOR ACCESSORY. |
| X3 | ETC | LONESTAR | SUSPENDED | UNV | LED | VARIES | 290 | 15,400 | ADJUSTABLE LED MOVING SPOT HEAD WITH DMX CONTROL. |
| X4 | ETC | COLORSOURCE CYC | SUSPENDED | UNV | LED | VARIES | 133 | 4,177 | LOW PROFILE CYCLORAMA WASH/FOOTLIGHT FIXTURE WITH DMX CONTROL. |
| X5 | LYCIAN | ZOT JUNIOR | STAND | UNV | LED | VARIES | 240 | | MANUALLY ADJUSTABLE SPOT LIGHT WITH DMX CONTROL. |
| X6 | ALTMAN | CHALICE 150 | SUSPENDED | UNV | LED | VARIES | 150 | 13,765 | SUSPENDED FULL COLOR HOUSE LIGHT WITH INCLUDED RECESS MOUNTING KIT AND DMX CONTROL. |

### THEATER FIXTURE SCHEDULE NOTES

1. USE LIGHT FIXTURES ABOVE OR ENGINEER APPROVED EQUALS.




3 E200 MAIN FLOOR PLAN - THEATRICAL ELECTRICAL
SCALE: 3/32"=1'-0" ALTERNATE BID #1 ONLY

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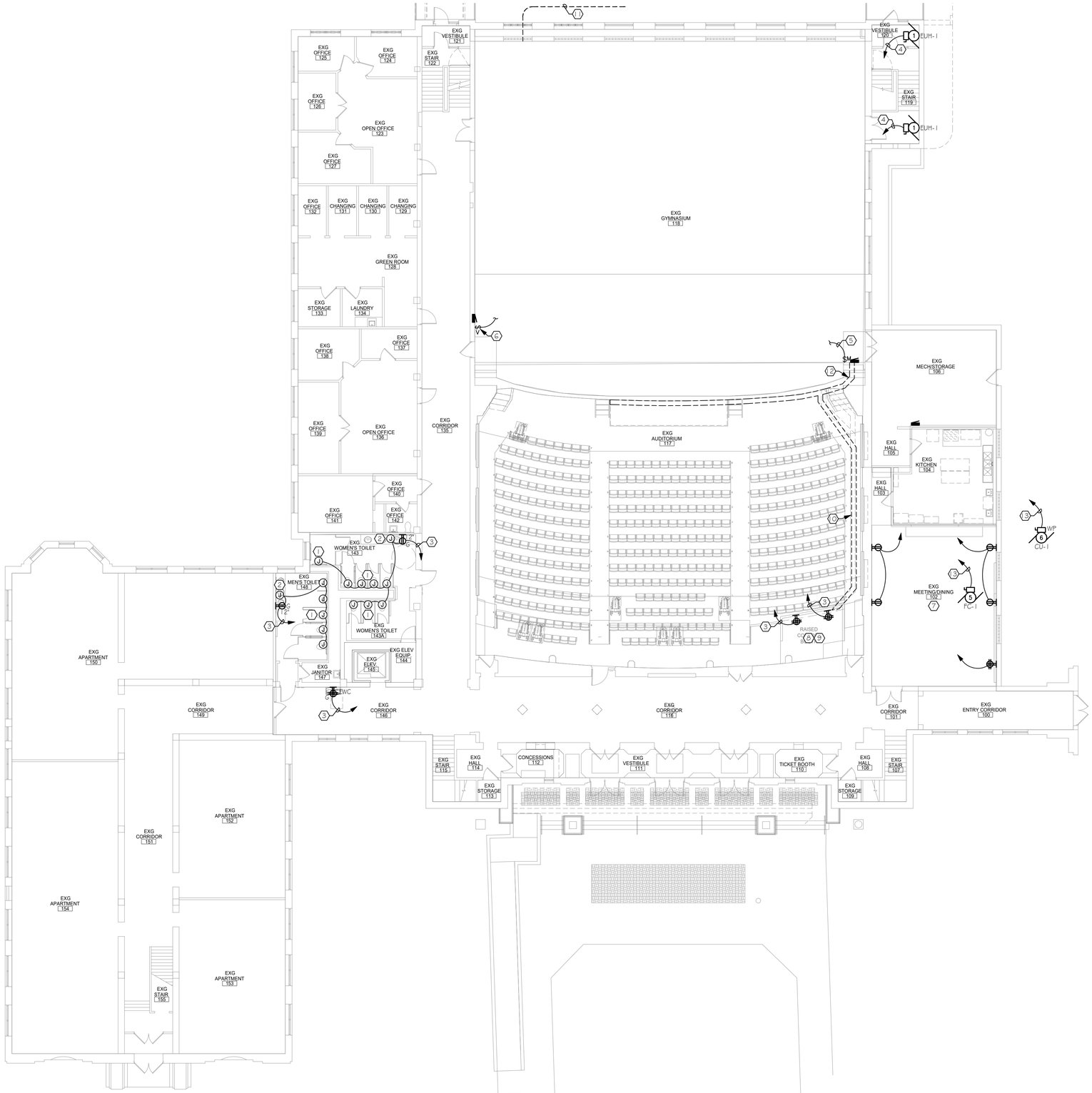
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DRAWING TITLE:

THEATRICAL LIGHTING PLANS - ELECTRICAL

DRAWING NUMBER:

**E103**




1 MAIN FLOOR PLAN - POWER & SYSTEMS
E201 SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL WIRING SHALL BE SIZED AS REQUIRED TO LIMIT VOLTAGE DROP TO NO MORE THAN 3 PERCENT FROM PANEL TO LAST DEVICE ON CIRCUIT.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED FIRE CAULKING AROUND ELECTRICAL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATINGS.

## ELECTRICAL NOTES

1. PROVIDE 120V CONNECTIONS TO FLUSH VALVE TRANSFORMERS FURNISHED BY OTHERS. FIELD VERIFY REQUIREMENTS AND LOCATIONS PRIOR TO ROUGH-IN.
2. PROVIDE DUPLEX RECEPTACLE BELOW SINK FOR POWER CONNECTION TO AUTOMATIC FAUCET TRANSFORMER. COORDINATE EXACT HEIGHT AND LOCATION WITH SINK INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN.
3. ROUTE WIRING TO NEAREST 120V, SPARE 20/1 CIRCUIT BREAKER.
4. ROUTE WIRING TO NEAREST 120/208V PANEL AND PROVIDE NEW 20/2 CIRCUIT BREAKER. FIELD VERIFY EXACT PANEL LOCATION AND REQUIREMENTS.
5. PROVIDE HARD WIRED CONTROL SWITCH AND ASSOCIATED WIRING FOR EXISTING RETRACTABLE PROJECTOR SCREEN. RILED VERIFY EXACT SWITCH AND WIRING REQUIREMENTS.
6. PROVIDE SPEED CONTROLLER SWITCH COMPATIBLE WITH M.C. FURNISHED CEILING FANS. COORDINATE WITH M.C. SEE E201.
7. REPLACE ALL RECEPTACLES WITHIN THIS ROOM. PROVIDE NEW DEVICES AND ASSOCIATED COVER PLATES. PROVIDE ADDITIONAL WIRING TO INCREASE THE QUANTITY OF CIRCUITS ARE REQUIRED. ROUTE TO NEAREST SPARE 20/1 CIRCUIT BREAKERS.
8. ROUTE LOW VOLTAGE CABLING AS REQUIRED BETWEEN CONTROL BOOTH AND STAGE VIA COVERED TRENCH FURNISHED BY OTHERS. VERIFY EXACT CABLING AND REQUIREMENTS WITH OWNER.
9. ROUTE LOW VOLTAGE CABLING AS REQUIRED BETWEEN CONTROL BOOTH AND PROJECTION / SOUND ROOM. VERIFY EXACT CABLING AND REQUIREMENTS WITH OWNER. CONCEAL ALL CABLING.
10. PROVIDE RECESSED CABLE TRENCH (WIREMOLD TRENCHDUCT SERIES #VA-12W-250H OR EQUAL), WITH COVERS COMPATIBLE WITH FLOOR COVERING. PROVIDE ALL COMPONENTS AS REQUIRED FOR A COMPLETE SYSTEM. ROUTE BETWEEN CONTROL BOOTH AND STAGE AREA AS REQUIRED.
11. PROVIDE NEW UNDERGROUND FEEDERS BETWEEN EXISTING POLE MOUNTED UTILITY TRANSFORMER AND BUILDING SERVICE ENTRANCE LOCATION. ROUTE (4) SETS OF 4#500 MCM IN 4" PVC CONDUIT DOWN POLE, THEN BELOW GRADE AS REQUIRED. CORE DRILL THROUGH FOUNDATION WALL AS REQUIRED. COORDINATE SITE WORK WITH CONSTRUCTION MANAGER. COORDINATE UTILITY WORK WITH XCEL ENERGY.
12. ROUTE IN-FLOOR TROUGH FROM SEATING LEVEL UP TO STAGE LEVEL AS REQUIRED. COORDINATE EXACT ROUTING WITH ARCHITECT PRIOR TO ROUGH-IN.
13. UNDER ADD ALTERNATE #3 ONLY. CONNECT M.C. FURNISHED FAN COIL AND ASSOCIATED CONDENSING UNIT. REUSE EXISTING WIRING IF APPLICABLE. PROVIDE NEW WIRING AND ASSOCIATED CIRCUIT BREAKER(S) IF EXISTING IS INADEQUATE.

## ELECTRICAL SYMBOL LEGEND

| SYMBOL | DESCRIPTION | MOUNTING HEIGHT |
|---|---|---|
| A-1,3,5 | HOMERUN TO PANELBOARD, CROSSMARKS INDICATE QUANTITY OF CONDUCTORS (NOT INCLUDING GROUND CONDUCTOR), NO MARKS INDICATE TWO CONDUCTORS, LETTERS AND NUMBERS INDICATE PANEL AND CIRCUITS. PROVIDE CODE SIZED GROUND CONDUCTOR IN EACH CONDUIT. | |
| $ | SINGLE POLE SWITCH. | 42" |
| $V | VARIABLE SPEED SWITCH. | 42" |
| AC WP G | DUPLEX RECEPTACLE (WP-WEATHERPROOF, G-GROUND FAULT CIRCUIT INTERRUPTER, AC-ABOVE COUNTER) | 18" |
| | DOUBLE DUPLEX RECEPTACLE. | 18" |
| | DUPLEX RECEPTACLE - HALF SWITCHED. | AS NOTED |
| | DUPLEX RECEPTACLE - FULL SWITCHED. | AS NOTED |
| | ISOLATED GROUND RECEPTACLE. | AS NOTED |
| | SPECIAL PURPOSE RECEPTACLE. | AS NOTED |
| | FLOOR OUTLET | |
| J | JUNCTION BOX | |
| | CEILING FAN | |
| | MOTOR | |
| | DISCONNECT. | 54" TO HANDLE |
| | PANELBOARD. | 72" TO TOP |
| | UNDERGROUND CONDUIT | |
| | CONCEALED CONDUIT | |

NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE UNLESS NOTED OTHERWISE

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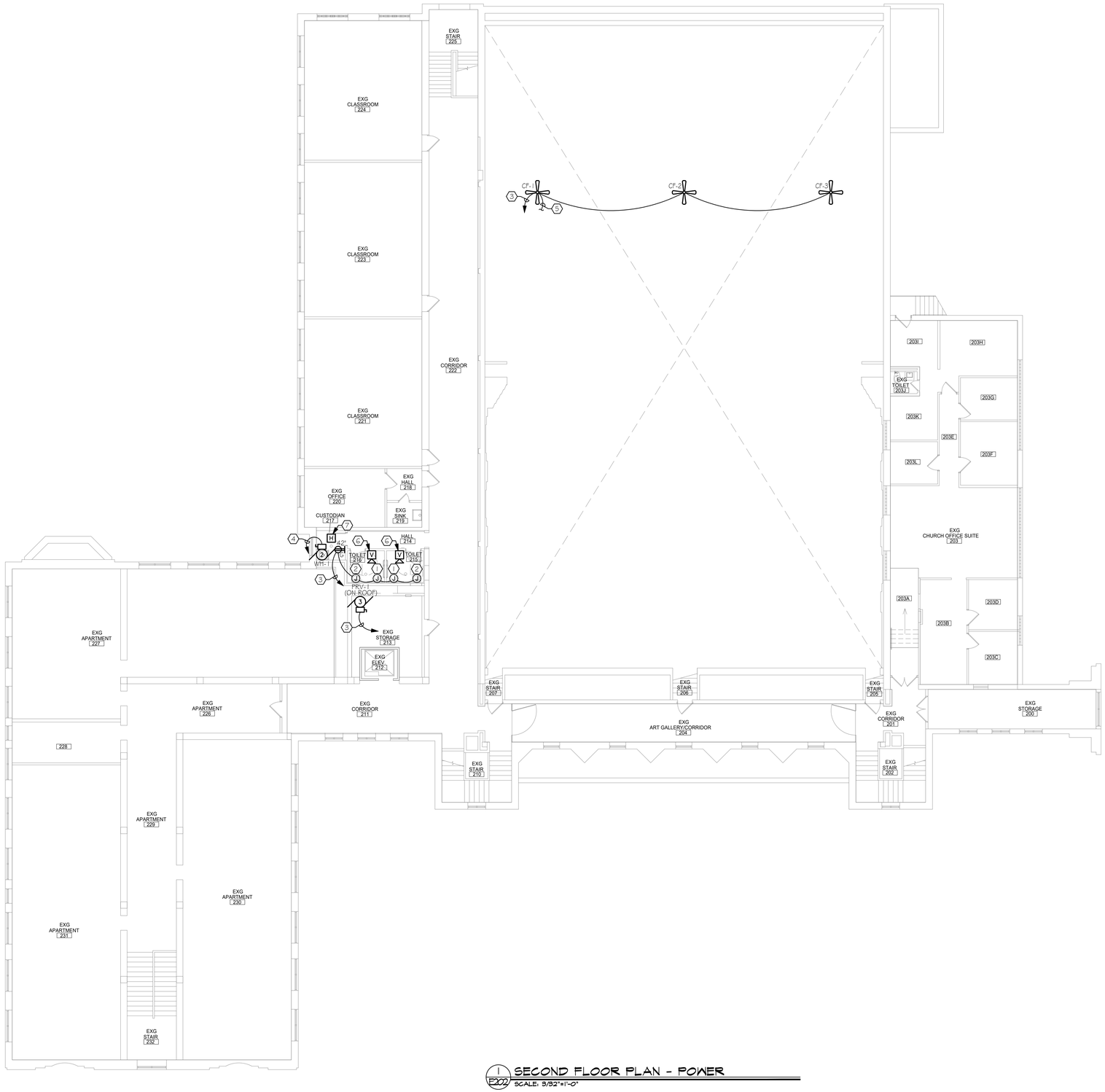
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DRAWING TITLE:

MAIN FLOOR PLAN - POWER & SYSTEMS

DRAWING NUMBER:

**E201**




1 E202 SECOND FLOOR PLAN - POWER
SCALE: 3/32"=1'-0"

## GENERAL NOTES

1. ALL WIRING SHALL BE SIZED AS REQUIRED TO LIMIT VOLTAGE DROP TO NO MORE THAN 3 PERCENT FROM PANEL TO LAST DEVICE ON CIRCUIT.
2. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED FIRE CAULKING AROUND ELECTRICAL PENETRATIONS AS REQUIRED TO MAINTAIN FIRE RATINGS.

## ELECTRICAL NOTES

1. PROVIDE 120V CONNECTIONS TO FLUSH VALVE TRANSFORMERS FURNISHED BY OTHERS. FIELD VERIFY REQUIREMENTS AND LOCATIONS PRIOR TO ROUGH-IN.
2. PROVIDE DUPLEX RECEPTACLE BELOW SINK FOR POWER CONNECTION TO AUTOMATIC FAUCET TRANSFORMER. COORDINATE EXACT HEIGHT AND LOCATION WITH SINK INSTALLATION INSTRUCTIONS PRIOR TO ROUGH-IN.
3. ROUTE WIRING TO NEAREST 120V, SPARE 20/1 CIRCUIT BREAKER.
4. ROUTE WIRING TO NEAREST 120V, PANEL WITH AVAILABLE SPACE AND PROVIDE NEW 25/1 CIRCUIT BREAKER.
5. ROUTE WIRING DOWN TO SPEED CONTROLLER. SEE E201.
6. PROVIDE NEW FIRE ALARM STROBE TO MATCH EXISTING (JCI / SIMPLEX). CONNECT INTO ANNUNCIATION CIRCUIT AS REQUIRED.
7. PROVIDE NEW FIRE ALARM HEAT DETECTOR TO MATCH EXISTING (JCI / SIMPLEX). CONNECT INTO INITIATION CIRCUIT AS REQUIRED.

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DRAWING TITLE:

SECOND FLOOR PLAN - POWER

DRAWING NUMBER:

**E202**

## MOTOR SCHEDULE

| MOTOR NO. | EQUIPMENT DRIVEN | POWER | | | | | | | | | LOCATION | | | | CONTROLLER | | | | | | | | CONTROLLER BY | DISCONNECT BY | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | HP | KW | FLA | MCA | MOP | VOLTAGE | PHASE | PANEL | WIRE | MOTOR | CONTROLLER | DISCONNECT | CONTROLS | TOGGLE SWITCH | MAN. STARTER | VAR. FREQ. DRIVE | MAG. STARTER | STARTER SIZE | PILOT LIGHT | AUX. CONTACTS | | | | |
| 1 | ELECTRIC UNIT HEATER EUH-1 | | 2 | 9.62 | | 20 | 208 | 1 | | 2#12 | | | | | | | | | | | | | E.C. | | |
| 2 | WATER HEATER WH-1 | | 2 | 16.7 | | 25 | 120 | 1 | | 2#10 | | | | | | | | | | | | | E.C. | | |
| 3 | EXHAUST FAN PRV-1 | 1/2 | | 9.8 | | 20 | 120 | 1 | | 2#12 | | | | | | | | | | | | | M.C. | M.C. | |
| 4 | CEILING FAN CF-1 | | 0.045 | | | 20 | 120 | 1 | | 2#12 | | | | | | | | | | | | | E.C. | | PROVIDE AND INSTALL SPEED CONTROLLER |
| 4 | CEILING FAN CF-2 | | 0.045 | | | 20 | 120 | 1 | | 2#12 | | | | | | | | | | | | | E.C. | | PROVIDE AND INSTALL SPEED CONTROLLER |
| 4 | CEILING FAN CF-3 | | 0.045 | | | 20 | 120 | 1 | | 2#12 | | | | | | | | | | | | | E.C. | | PROVIDE AND INSTALL SPEED CONTROLLER |
| 5 | FAN COIL FC-1 (ADD ALT. #3 ONLY) | | | | | 20 | 120 | 1 | | 2#12 | | | | | | | | | | | | | E.C. | | |
| 6 | CONDENSING UNIT CU-1 (ADD ALT. #3 ONLY) | | | | | 25 | 208 | 1 | | 2#10 | | | | | | | | | | | | | E.C. | | |

## LIGHTING FIXTURE SCHEDULE

| FIXT. TYPE LETTER | MANUFACTURER | CATALOG NUMBER | MOUNTING | VOLTS | LAMP DATA | | | TOTAL FIXTURE WATTAGE | TOTAL FIXTURE LUMENS | DRIVER DATA | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | TYPE | CRI | COLOR TEMP. (K) | | | TYPE | # | |
| A1 | METALUX | 24CGTX-GS-EL10SD-L830 | RECESSED | 120 | LED | 80 | 3,000 | 53.4 | 6,447 | 10% 0-10V DIMMING DRIVER | 1 | 2X4' FLAT PANEL FIXTURE WITH EMERGENCY BATTERY. |
| A2 | METALUX | 24CGTX-35-L830 | RECESSED | 120 | LED | 80 | 3,000 | 28.4 | 3,652 | 10% 0-10V DIMMING DRIVER | 1 | 2X4' FLAT PANEL FIXTURE. |
| A3 | METALUX | 24CGTX-35-EL10SD-L830 | RECESSED | 120 | LED | 80 | 3,000 | 28.4 | 3,652 | 10% 0-10V DIMMING DRIVER | 1 | 2X4' FLAT PANEL FIXTURE WITH EMERGENCY BATTERY. |
| A4 | METALUX | 22CGTX-25-L830 | RECESSED | 120 | LED | 80 | 3,000 | 18.9 | 2,407 | LED DRIVER | 1 | 2X2' FLAT PANEL FIXTURE. |
| B4 | METALUX | 4SLSTPSLC-UNV | SURFACE | 120 | LED | 80 | 3,500 | 31 | 3,534 | LED DRIVER | 1 | 4' STRIP FIXTURE. |
| C1E | EXISTING | | | | (4) LED A19 | 80 | 3,000 | 14 EA | 1,600 EA | DIMMING DRIVER | | EXISTING DECORATIVE FIXTURE. PROVIDE NEW LAMPS. |
| C2E | EXISTING | | | | (6-8) LED A23 | 80 | 3,000 | 33 EA | 4,000 EA | DIMMING DRIVER | | EXISTING DECORATIVE FIXTURE. PROVIDE NEW LAMPS. PROVIDE MOCK-UP OF (1) FIXTURE FOR DEMONSTRATION FOR ACHITECH AND OWNER. FIELD VERIFY LAMP QUANTITY PER FIXTURE. |
| C3E | EXISTING | | | | (4) LED A19 | 80 | 3,000 | 14 EA | 1,600 EA | DIMMING DRIVER | | EXISTING DECORATIVE FIXTURE. PROVIDE NEW LAMPS. |
| D1 | PORTFOLIO | LDRTGD-70-R40-9030-D010-DP-1-H -EM14-WLN | RECESSED | 120 | LED | 90 | 7,000 | 69.1 | 7,000 | 1% 0-10V DIMMING DRIVER | 1 | 6" DIAMETER RECESSED CAN WITH INSTALLATION FROM BELOW, WITH EMERGENCY BATTERY AND WIRELESS DIMMING. |
| D2 | PORTFOLIO | LDRTGD-30-R40-9030-D010-DP-1-H -EM14 | RECESSED | 120 | LED | 90 | 3,000 | 32.3 | 3,000 | 1% 0-10V DIMMING DRIVER | 1 | 6" DIAMETER RECESSED CAN WITH INSTALLATION FROM BELOW, WITH EMERGENCY BATTERY AND WIRELESS DIMMING. |
| D3 | HALO | RL6-LS-9FSD2W-1E-WH-DM | RECESSED | 120 | LED | 90 | 3,000 | 13 | 1,200 | DIMMING DRIVER | 1 | 6" DIAMETER RECESSED CAN FIXTURE. |
| E1/E2 | SURE LITES | APX7RG-BK | UNIVERSAL | 120 | LED | - | RED | 1.34 | - | - | - | THERMOPLASTIC EXIT SIGN WITH RED LETTERING AND BLACK HOUSING. |
| EM1 | SURE LITES | SELW-25 | WALL | 120 | LED | - | - | - | - | - | - | |
| F4 | NEORAY | S123DIP-C-1165D-35GU-8-30-C10-JB-4FO-1-B2-U-DD-F-1-W-WLS | SUSPENDED | 120 | LED | 80 | 3,000 | 10.6/FT DN 2.2/FT UP | 1,165/FT DN 354/FT UP | 0-10V DIMMING DRIVER | 1 | SUSPENDED LINEAR FIXTURE WITH 25% UPLIGHT AND EMERGENCY BATTERY. |
| F8 | NEORAY | S123DIP-C-1165D-35GU-8-30-C10-JB-8FO-1-B2-U-DD-F-1-W-WLS | SUSPENDED | 120 | LED | 80 | 3,000 | 10.6/FT DN 2.2/FT UP | 1,165/FT DN 354/FT UP | 0-10V DIMMING DRIVER | 1 | SUSPENDED LINEAR FIXTURE WITH UPLIGHT, EMERGENCY BATTERY AND OCCUPANCY SENSOR. REFER TO NOTE #1. |
| G1E | EXISTING | | | | (4) LED A19 | 80 | 3,000 | 14 | 1,600 | DIMMING DRIVER | | EXISTING DECORATIVE FIXTURE. PROVIDE NEW LAMPS. |
| G2E | EXISTING | | | | (4) LED A19 | 80 | 3,000 | 14 | 1,600 | DIMMING DRIVER | | EXISTING DECORATIVE FIXTURE. PROVIDE NEW LAMPS. |
| G3E | EXISTING | | | | (2) LED A19 | 80 | 3,000 | 14 EA | 1,600 EA | DIMMING DRIVER | 1 | EXISTING DECORATIVE FIXTURE. PROVIDE NEW LAMPS. |
| H1 | METALUX | OHBL-245E-W-UNV-L830-CD-WLS4 | SURFACE | 120 | LED | 80 | 3,000 | 138 | 23,609 | 0-10V WIRELESS DIMMING | 1 | LED HIGH BAY FIXTURE. DISABLE SENSORS AND USE WIRELESS FOR DIMMING. |
| H1-EM | METALUX | OHBL-245E-W-UNV-L830-EL20W-CD-WLS4 | SURFACE | 120 | LED | 80 | 3,000 | 138 | 23,609 | 0-10V WIRELESS DIMMING | 1 | LED HIGH BAY FIXTURE. DISABLE SENSORS AND USE WIRELESS FOR DIMMING. |
| T1 | HALO | POWER TRAC SERIES | SURFACE | 120 | - | - | - | - | - | - | - | WHITE TRACK. E.C. TO FIELD VERIFY AND MATCH EXISTING LENGTH. PROVIDE ALL REQUIRED ACCESSORIES. |
| T1A | HALO | L61SSO-20-WW-930-P | TRACK | 120 | LED | 90 | 3,000 | 26.7 | 1,987 | LED DRIVER | 1 | TRACK HEAD. |
| W1-_ | TIVOLI | SATT-CE-30-06-C-XX | TAPE | 24 | LED | 80 | 3,000 | 0.0024/FT | | 0-10V DIMMING DRIVER | | AUDITORIUM CARPET TO CONCRETE TRANSITION TAPE LIGHT. VERIFY LENGTH AND NUMBER OF POWER SUPPLIES / CONTROLS. |
| V1 | AFX | TNYV2403LAJUDBK | WALL | 120 | LED | 80 | 3,000 | 12 | 1,000 | DIMMING DRIVER | 1 | VANITY FIXTURE. |
| ZZ1 | GLP | BH3 / AB40 / AC-CL / G3LED65 / T5 / 40K / FN1 / CCLL / SB | POLE | 120 | LED | 70 | 3,000 | 67.3 | 7,778 | DIMMING DRIVER | 1 | ACORN STYLE POST TOP FIXTURE WITH ACRYLIC DIFFUSER AND FINIAL. |
| ZZ1 POLE | GLP | GP12-12 / SB | POLE | - | - | - | - | - | - | - | - | DECORATIVE 12' POLE WITH FLUTING. |

NOTE #1: WHEN SPACE UNOCCUPIED, LIGHTING LEVEL TO BE DIMMED TO 25% AND 100% WHEN OCCUPIED.


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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

TROY D. VAREBERG
DATE: 11/22/2024 LIC. NO. 25261

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